

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070918\
 Data File : VU025274.D
 Acq On : 09 Jul 2018 15:22
 Operator : MD/SY
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Quant Time: Jul 10 01:18:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U070918W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 10 01:16:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	177548	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	263621	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	250450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	149713	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	133360	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
35) Dibromofluoromethane	4.89	113	108114	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
50) Toluene-d8	7.57	98	369796	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
62) 4-Bromofluorobenzene	10.31	95	152276	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	79159	43.081	ug/l 100
3) Chloromethane	1.33	50	81182	39.043	ug/l 100
4) Vinyl Chloride	1.40	62	86663	42.920	ug/l 100
5) Bromomethane	1.62	94	53330	36.154	ug/l 100
6) Chloroethane	1.69	64	57057	40.546	ug/l 100
7) Trichlorofluoromethane	1.89	101	137422	43.305	ug/l 100
8) Diethyl Ether	2.10	74	51440	43.197	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.29	101	84141	42.787	ug/l 100
10) Methyl Iodide	2.41	142	89775	47.237	ug/l 100
11) Tert butyl alcohol	2.82	59	128854	190.582	ug/l 100
12) 1,1-Dichloroethene	2.28	96	75382	41.885	ug/l 100
13) Acrolein	2.19	56	109858	261.653	ug/l 100
14) Allyl chloride	2.59	41	131416	40.263	ug/l 100
15) Acrylonitrile	2.93	53	262603	212.260	ug/l 100
16) Acetone	2.32	43	286179	192.126	ug/l 100
17) Carbon Disulfide	2.48	76	222610	39.930	ug/l 100
18) Methyl Acetate	2.62	43	120455	42.651	ug/l 100
19) Methyl tert-butyl Ether	3.00	73	294766	43.059	ug/l 100
20) Methylene Chloride	2.70	84	91836	37.525	ug/l 100
21) trans-1,2-Dichloroethene	2.99	96	86190	41.907	ug/l 100
22) Diisopropyl ether	3.57	45	287507	43.133	ug/l 100
23) Vinyl Acetate	3.53	43	1280762	219.032	ug/l 100
24) 1,1-Dichloroethane	3.45	63	166266	44.228	ug/l 100
25) 2-Butanone	4.26	43	401026	209.750	ug/l 100
26) 2,2-Dichloropropane	4.23	77	148044	40.958	ug/l 100
27) cis-1,2-Dichloroethene	4.23	96	100530	42.246	ug/l 100
28) Bromochloromethane	4.55	49	91170	50.224	ug/l 100
29) Tetrahydrofuran	4.63	42	244262	212.995	ug/l 100
30) Chloroform	4.68	83	176227	44.266	ug/l 100
31) Cyclohexane	5.00	56	149760	35.856	ug/l 100
32) 1,1,1-Trichloroethane	4.92	97	159871	44.311	ug/l 100
36) 1,1-Dichloropropene	5.14	75	126678	43.224	ug/l 100
37) Ethyl Acetate	4.38	43	143335	43.854	ug/l 100
38) Carbon Tetrachloride	5.14	117	141903	44.985	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	158986	43.490	ug/l	100
40) Benzene	5.39	78	360116	42.638	ug/l	100
41) Methacrylonitrile	4.54	41	78729	43.445	ug/l	100
42) 1,2-Dichloroethane	5.41	62	146955	43.772	ug/l	100
43) Isopropyl Acetate	5.55	43	226087	43.195	ug/l	100
44) Trichloroethene	6.19	130	101947	42.038	ug/l	100
45) 1,2-Dichloropropane	6.44	63	96617	43.676	ug/l	100
46) Dibromomethane	6.56	93	69922	43.434	ug/l	100
47) Bromodichloromethane	6.76	83	134697	45.041	ug/l	100
48) Methyl methacrylate	6.62	41	114982	44.066	ug/l	100
49) 1,4-Dioxane	6.61	88	54370	865.954	ug/l	100
51) 4-Methyl-2-Pentanone	7.46	43	724282	212.902	ug/l	100
52) Toluene	7.64	92	234119	43.570	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	145560	44.300	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	151572	43.343	ug/l	100
55) 1,1,2-Trichloroethane	8.07	97	95957	42.879	ug/l	100
56) Ethyl methacrylate	8.02	69	151898	43.458	ug/l	100
57) 1,3-Dichloropropane	8.25	76	162142	43.644	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	349216	283.131	ug/l	100
59) 2-Hexanone	8.36	43	577790	209.388	ug/l	100
60) Dibromochloromethane	8.48	129	109368	45.253	ug/l	100
61) 1,2-Dibromoethane	8.59	107	105476	44.049	ug/l	100
64) Tetrachloroethene	8.23	164	100892	44.193	ug/l	100
65) Chlorobenzene	9.12	112	266630	42.617	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	100571	44.937	ug/l	100
67) Ethyl Benzene	9.25	91	461230	43.242	ug/l	100
68) m/p-Xylenes	9.38	106	366416	88.856	ug/l	100
69) o-Xylene	9.78	106	181977	44.078	ug/l	100
70) Styrene	9.80	104	290811	44.345	ug/l	100
71) Bromoform	9.96	173	85627	44.240	ug/l #	100
73) Isopropylbenzene	10.17	105	484798	42.381	ug/l	100
74) N-amyl acetate	10.01	43	201879	40.654	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.46	83	157753	42.153	ug/l	100
76) 1,2,3-Trichloropropane	10.50	75	186077	55.099	ug/l	82
77) Bromobenzene	10.45	156	124722	42.619	ug/l	100
78) n-propylbenzene	10.59	91	552889	43.558	ug/l	100
79) 2-Chlorotoluene	10.66	91	330555	41.612	ug/l	100
80) 1,3,5-Trimethylbenzene	10.78	105	417608	43.387	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.50	75	186077	151.262	ug/l #	100
82) 4-Chlorotoluene	10.78	91	380197	42.300	ug/l	100
83) tert-Butylbenzene	11.10	119	411954	42.354	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	427427	43.329	ug/l	100
85) sec-Butylbenzene	11.33	105	497243	43.418	ug/l	100
86) p-Isopropyltoluene	11.48	119	446300	44.011	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	224355	41.949	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	227080	41.339	ug/l	100
89) n-Butylbenzene	11.89	91	360973	43.303	ug/l	100
90) Hexachloroethane	12.15	117	76352	44.467	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	230314	42.640	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	39311	43.310	ug/l	100

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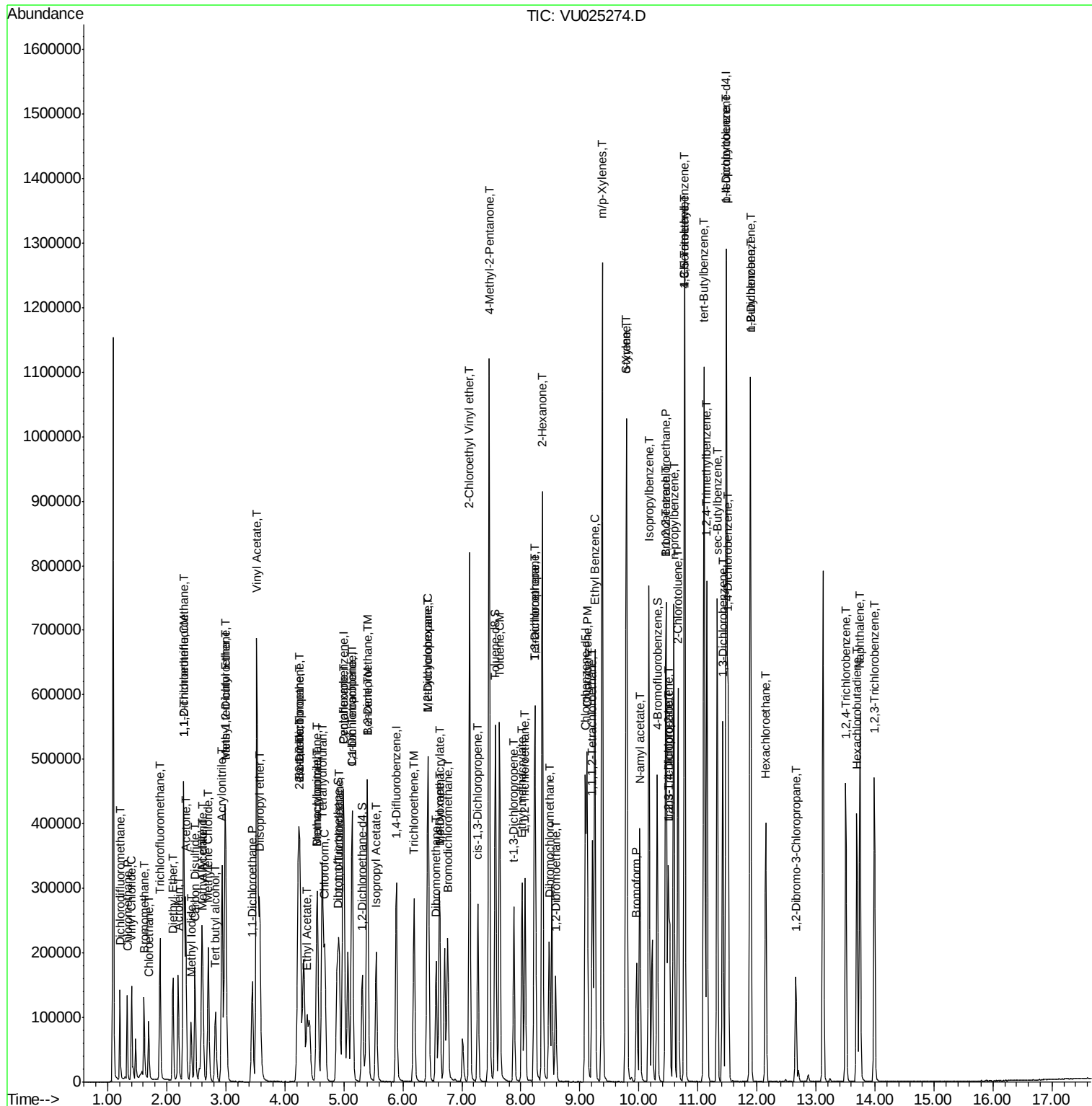
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	143814	40.638	ug/l	100
94) Hexachlorobutadiene	13.70	225	77234	39.981	ug/l	100
95) Naphthalene	13.74	128	453815	37.274	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	148925	39.023	ug/l	100

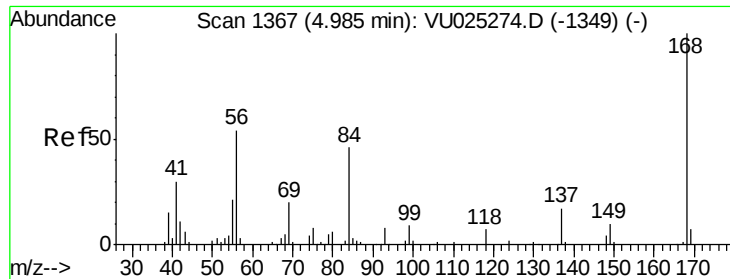
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VU025274.D

Acq: 09 Jul 2018 15:22

Instrument :

MSVOA_U

ClientSampleId :

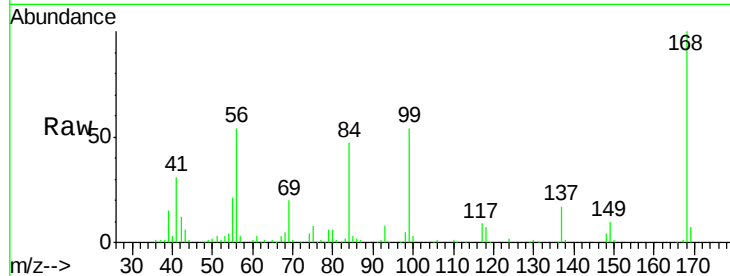
VSTDICCC050

Tgt Ion:168 Resp: 177548

Ion Ratio Lower Upper

168 100

99 53.5 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025274.D (-1349) (-)

Ion 98.90 (98.60 to 99.60): VU025274.D (-1349) (-)

80000

60000

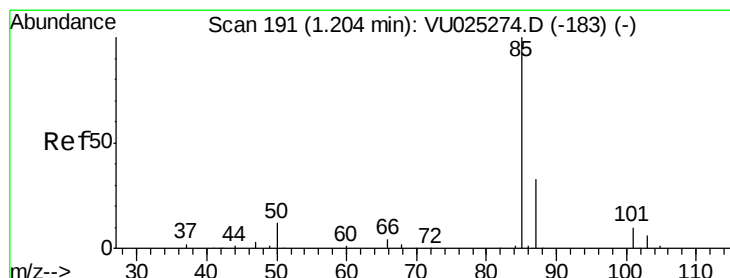
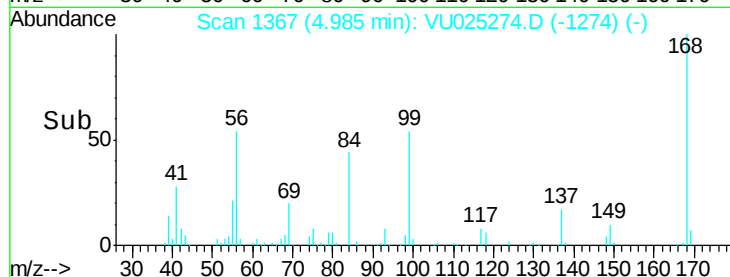
40000

20000

0

4.90 4.95 5.00 5.05

Time-->



#2

Dichlorodifluoromethane

Concen: 43.081 ug/l

RT: 1.20 min Scan# 191

Delta R.T. 0.00 min

Lab File: VU025274.D

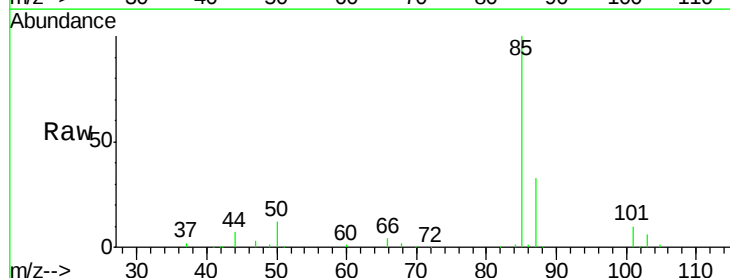
Acq: 09 Jul 2018 15:22

Tgt Ion: 85 Resp: 79159

Ion Ratio Lower Upper

85 100

87 33.0 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VU025274.D (-183) (-)

Ion 86.90 (86.60 to 87.60): VU025274.D (-183) (-)

80000

60000

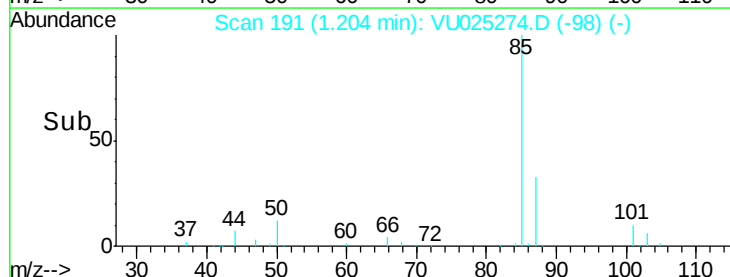
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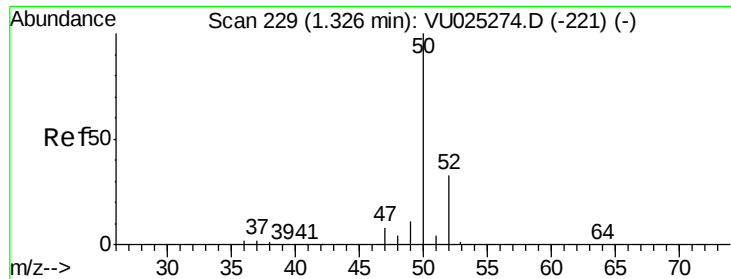
20000

0

1.15 1.20 1.25 1.30

Time-->

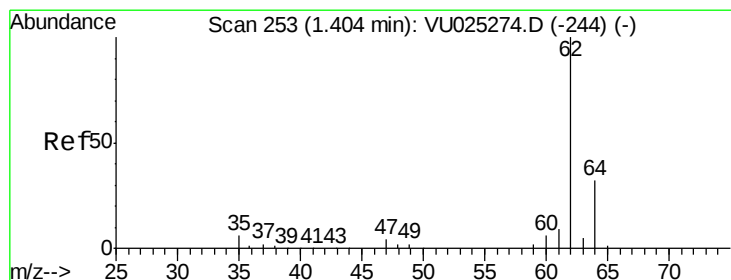
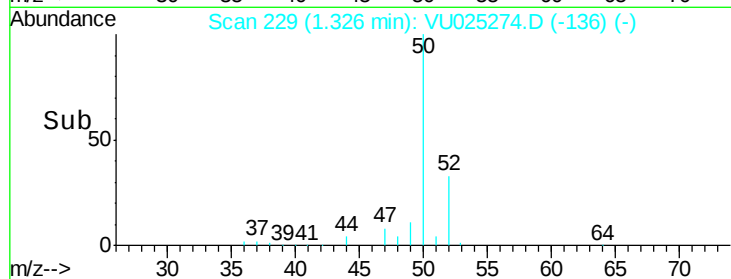
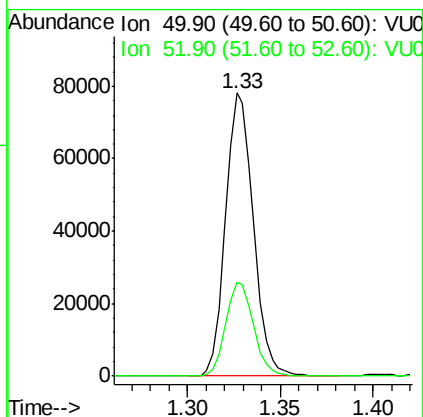
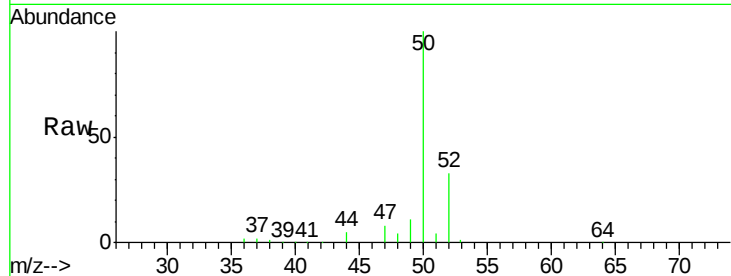




#3
Chloromethane
Concen: 39.043 ug/l
RT: 1.33 min Scan# 229
Delta R.T. 0.00 min
Lab File: VU025274.D
Acq: 09 Jul 2018 15:22

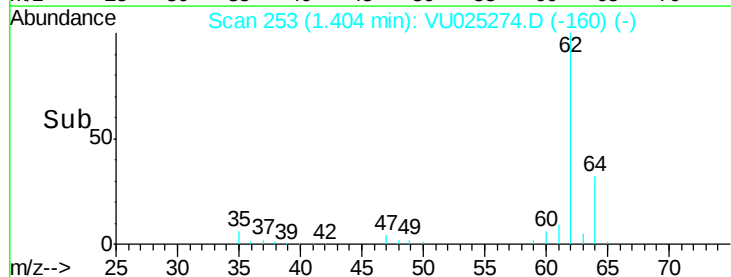
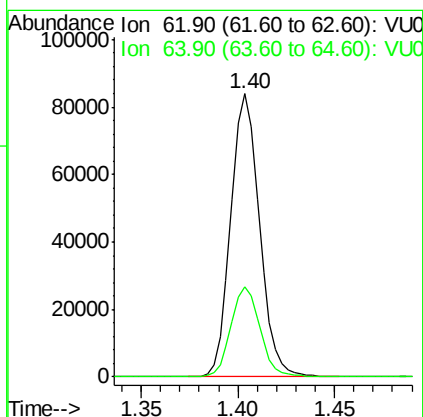
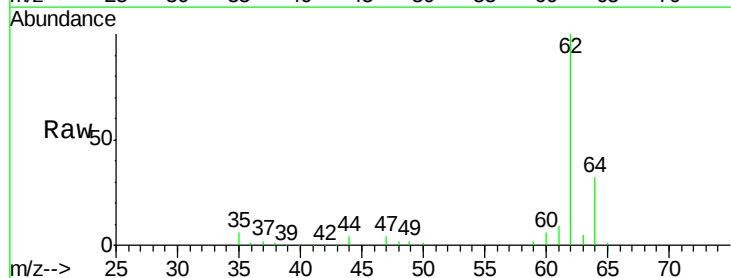
Instrument :
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ClientSampleId :
VSTDICCC050

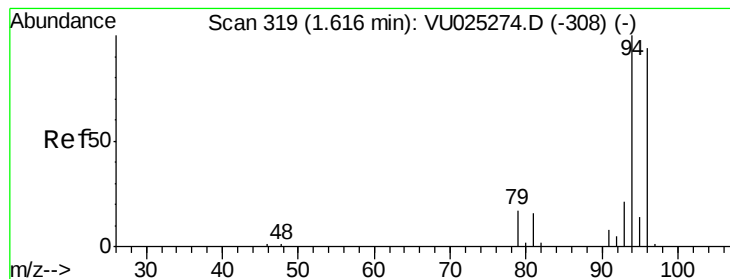
Tgt Ion: 50 Resp: 81182
Ion Ratio Lower Upper
50 100
52 33.1 26.5 39.7



#4
Vinyl Chloride
Concen: 42.920 ug/l
RT: 1.40 min Scan# 253
Delta R.T. 0.00 min
Lab File: VU025274.D
Acq: 09 Jul 2018 15:22

Tgt Ion: 62 Resp: 86663
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0





#5

Bromomethane

Concen: 36.154 ug/l

RT: 1.62 min Scan# 319

Delta R.T. 0.00 min

Lab File: VU025274.D

Acq: 09 Jul 2018 15:22

Instrument :

MSVOA_U

ClientSampleId :

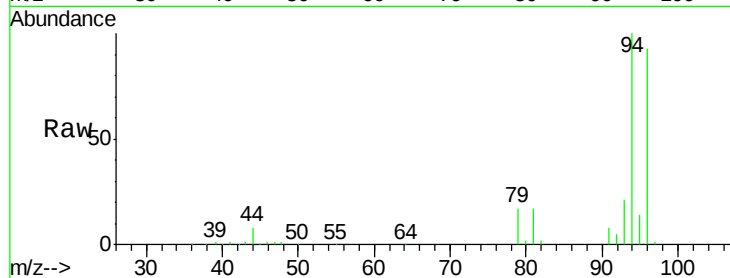
VSTDICCC050

Tgt Ion: 94 Resp: 53330

Ion Ratio Lower Upper

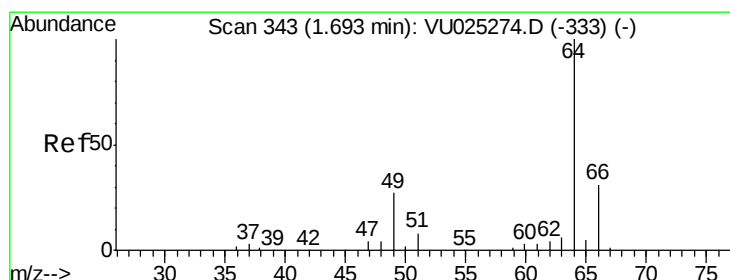
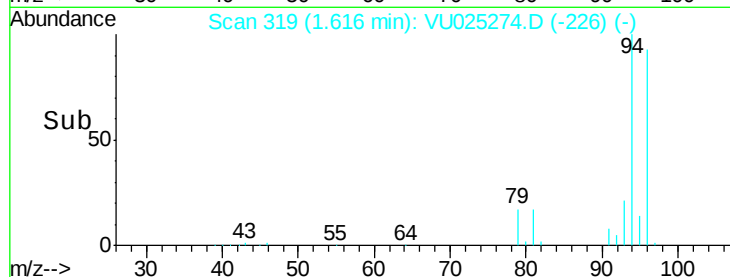
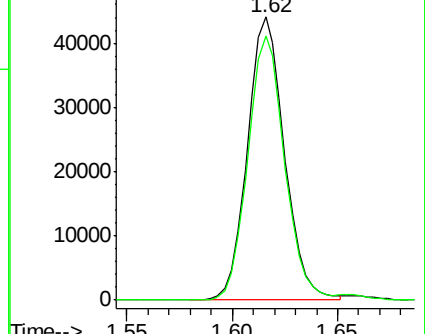
94 100

96 93.7 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 40.546 ug/l

RT: 1.69 min Scan# 343

Delta R.T. 0.00 min

Lab File: VU025274.D

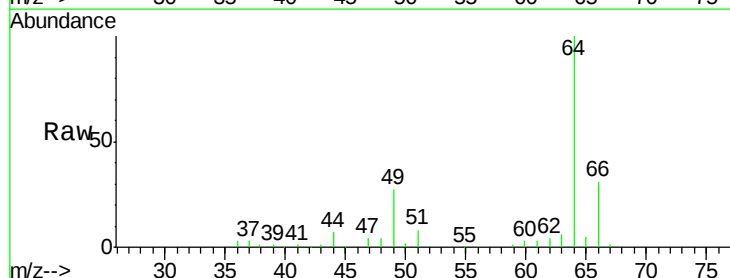
Acq: 09 Jul 2018 15:22

Tgt Ion: 64 Resp: 57057

Ion Ratio Lower Upper

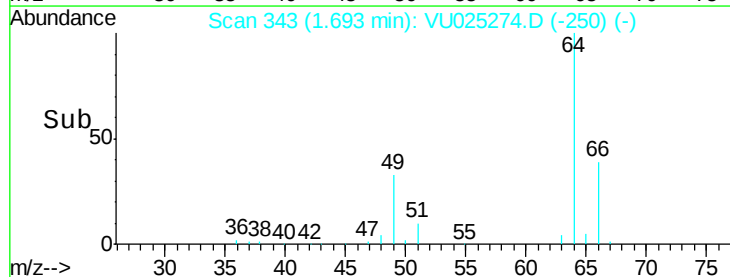
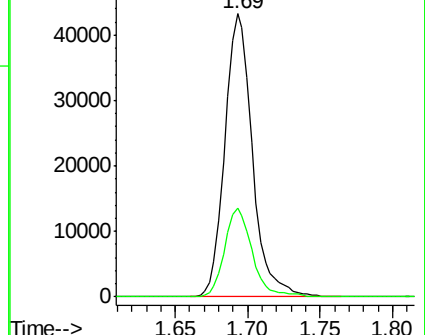
64 100

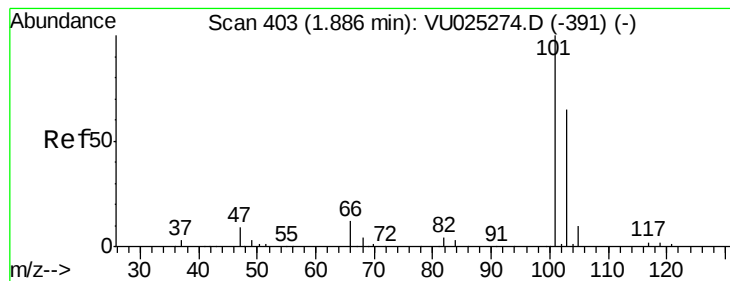
66 31.2 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0





#7

Trichlorofluoromethane

Concen: 43.305 ug/l

RT: 1.89 min Scan# 403

Delta R.T. 0.00 min

Lab File: VU025274.D

Acq: 09 Jul 2018 15:22

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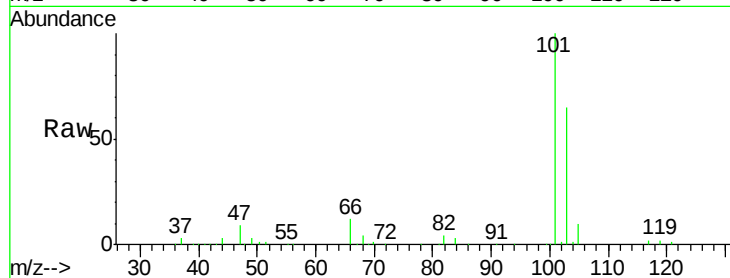
VSTDICCC050

Tgt Ion:101 Resp: 137422

Ion Ratio Lower Upper

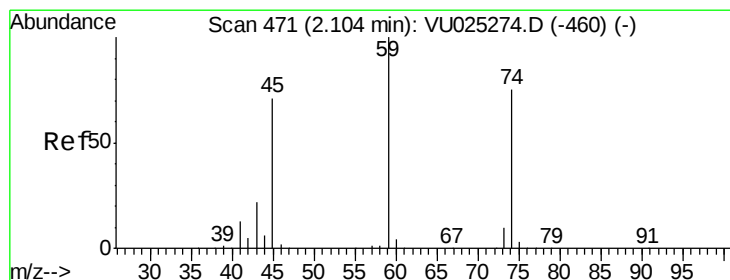
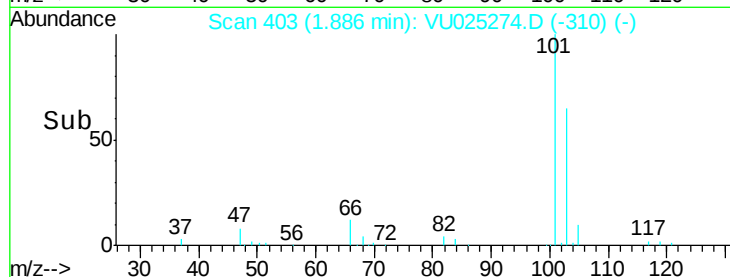
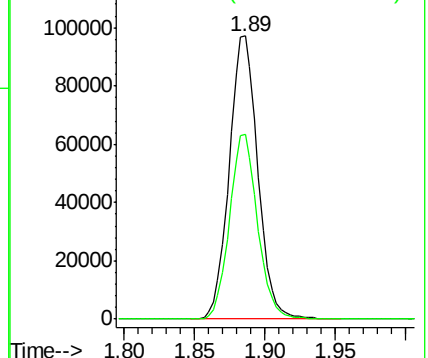
101 100

103 65.2 52.2 78.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 43.197 ug/l

RT: 2.10 min Scan# 471

Delta R.T. 0.00 min

Lab File: VU025274.D

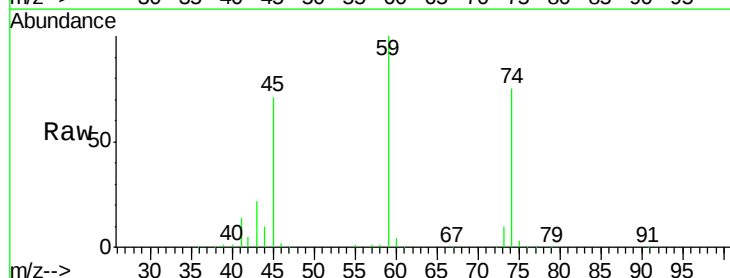
Acq: 09 Jul 2018 15:22

Tgt Ion: 74 Resp: 51440

Ion Ratio Lower Upper

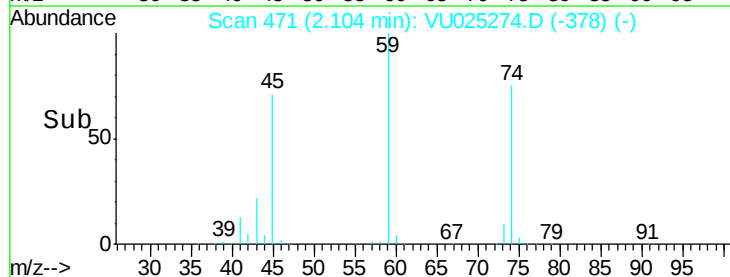
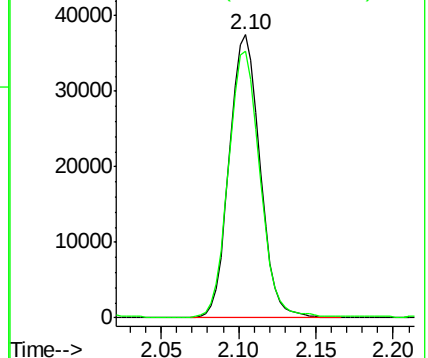
74 100

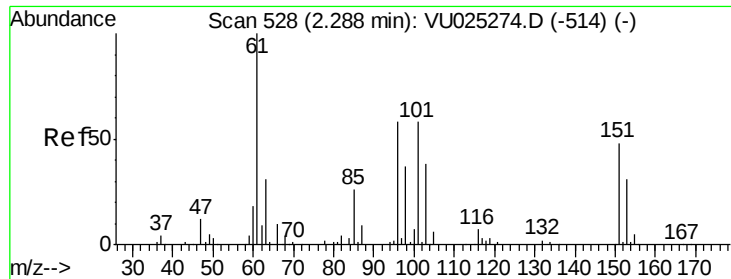
45 96.6 48.3 144.9



Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0

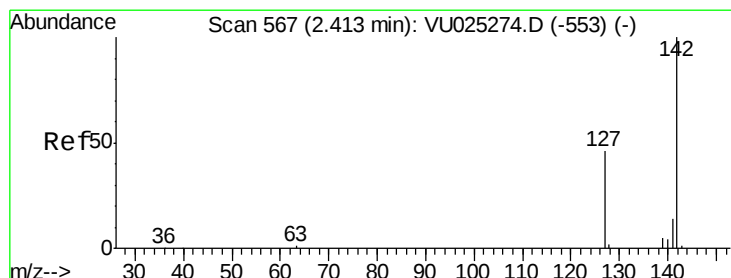
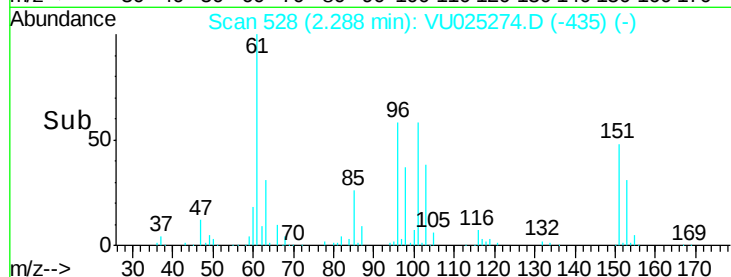
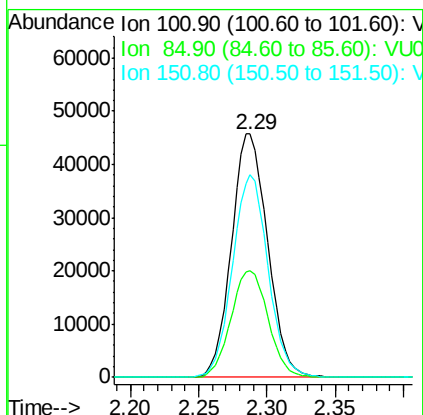
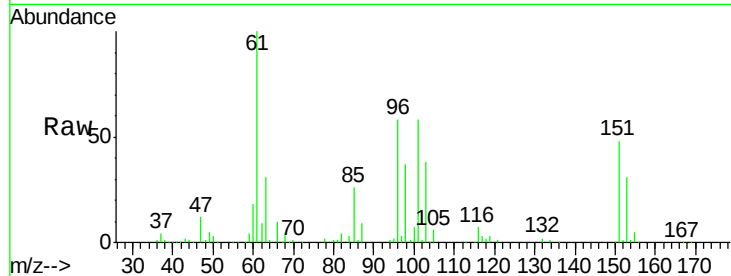




#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.787 ug/l
RT: 2.29 min Scan# 528
Delta R.T. 0.00 min
Lab File: VU025274.D
Acq: 09 Jul 2018 15:22

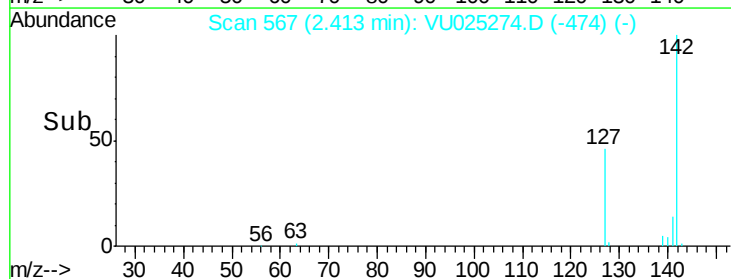
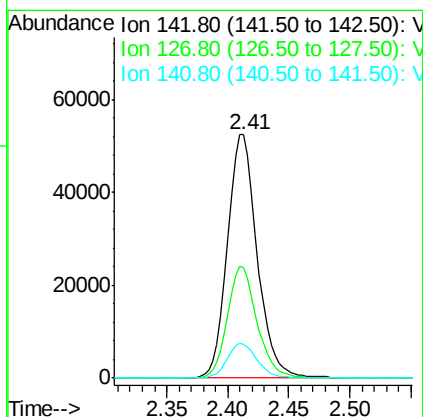
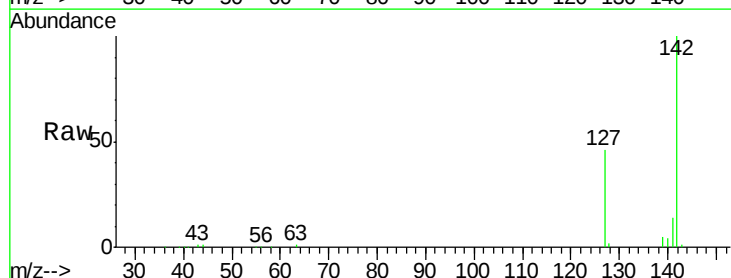
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

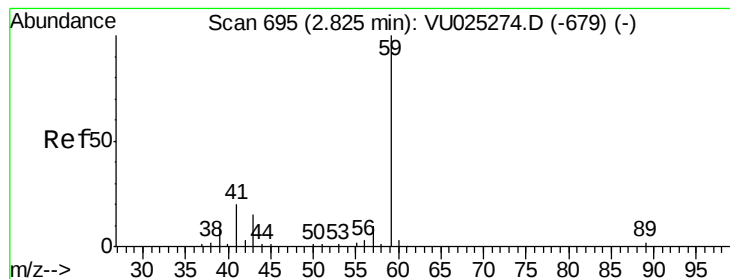
Tgt Ion:101 Resp: 84141
Ion Ratio Lower Upper
101 100
85 45.0 36.0 54.0
151 82.0 65.6 98.4



#10
Methyl Iodide
Concen: 47.237 ug/l
RT: 2.41 min Scan# 567
Delta R.T. 0.00 min
Lab File: VU025274.D
Acq: 09 Jul 2018 15:22

Tgt Ion:142 Resp: 89775
Ion Ratio Lower Upper
142 100
127 45.6 36.5 54.7
141 14.3 11.4 17.2



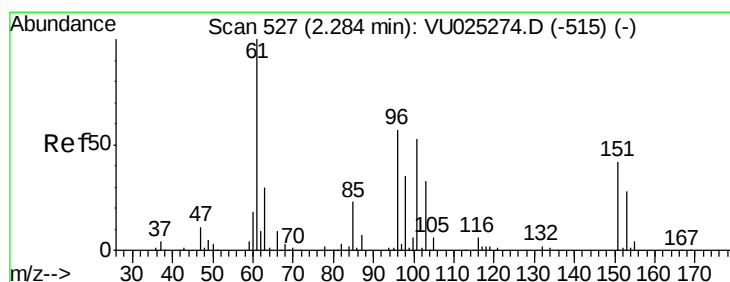
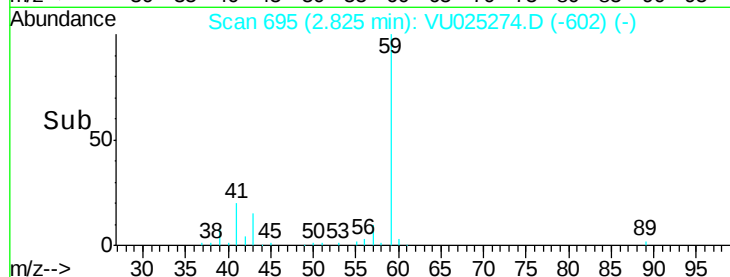
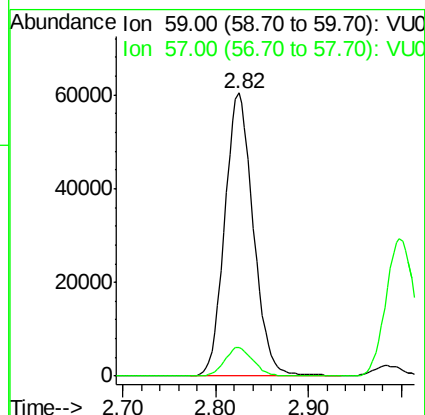
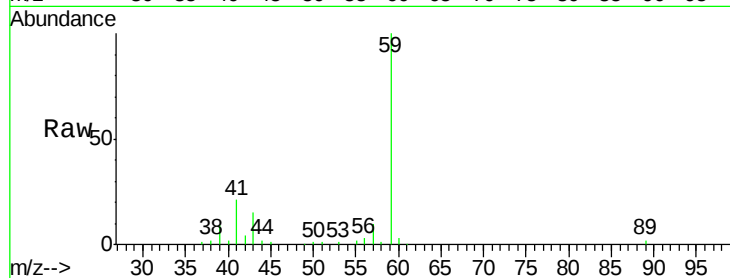


#11

Tert butyl alcohol
 Concen: 190.582 ug/l
 RT: 2.82 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: VU025274.D
 Acq: 09 Jul 2018 15:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

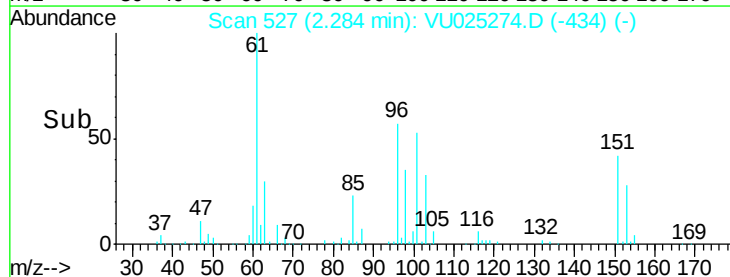
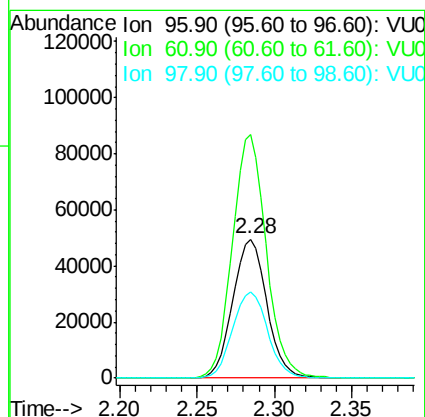
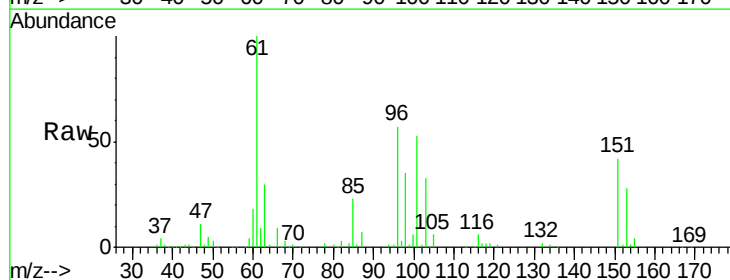
Tgt Ion: 59 Resp: 128854
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.2

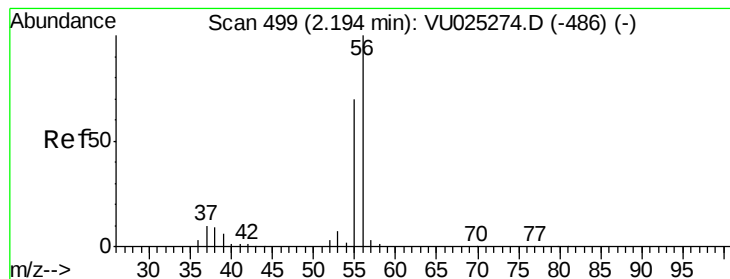


#12

1,1-Dichloroethene
 Concen: 41.885 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: VU025274.D
 Acq: 09 Jul 2018 15:22

Tgt Ion: 96 Resp: 75382
 Ion Ratio Lower Upper
 96 100
 61 175.3 140.2 210.4
 98 61.6 49.3 73.9





#13

Acrolein

Concen: 261.653 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU025274.D

Acq: 09 Jul 2018 15:22

Instrument :

MSVOA_U

ClientSampleId :

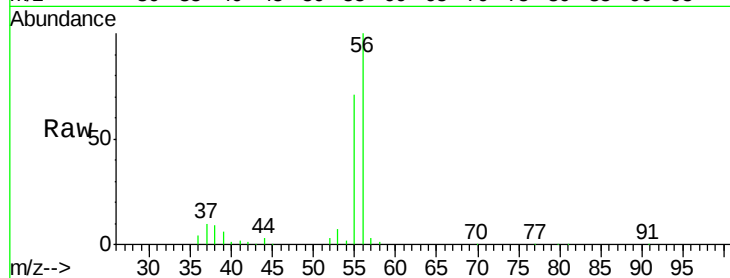
VSTDICCC050

Tgt Ion: 56 Resp: 109858

Ion Ratio Lower Upper

56 100

55 71.5 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

2.19

80000

60000

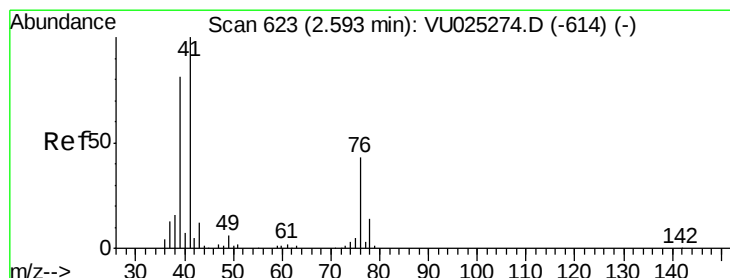
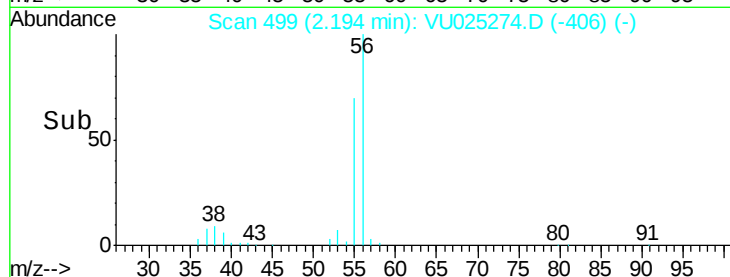
40000

20000

0

Time-->

2.10 2.15 2.20 2.25 2.30



#14

Allyl chloride

Concen: 40.263 ug/l

RT: 2.59 min Scan# 623

Delta R.T. 0.00 min

Lab File: VU025274.D

Acq: 09 Jul 2018 15:22

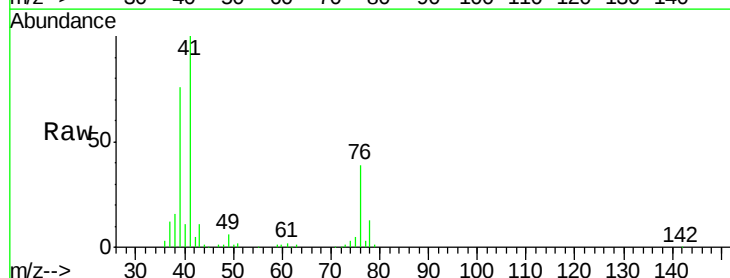
Tgt Ion: 41 Resp: 131416

Ion Ratio Lower Upper

41 100

39 75.8 60.6 91.0

76 38.1 30.5 45.7



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0

2.59

100000

80000

60000

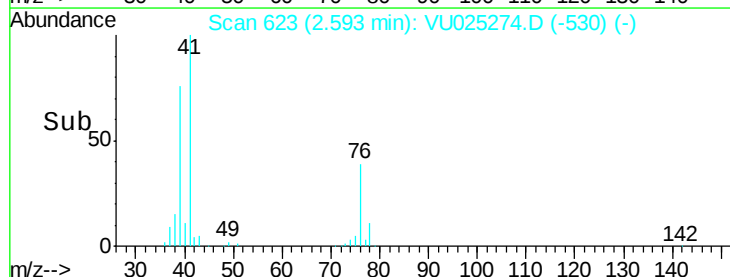
40000

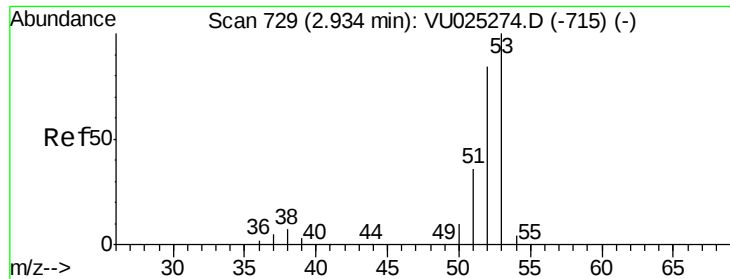
20000

0

Time-->

2.55 2.60 2.65 2.70

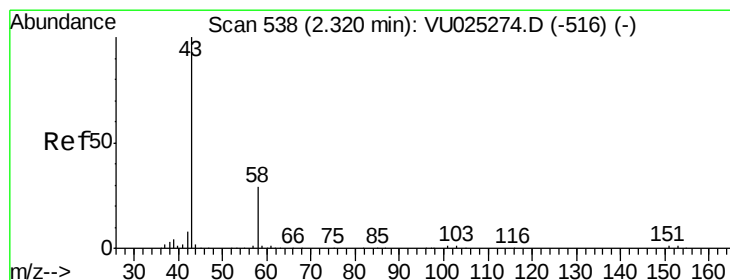
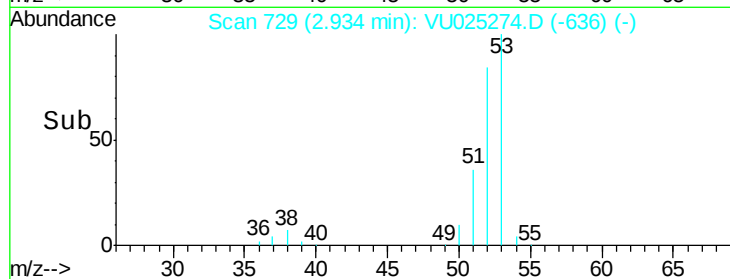
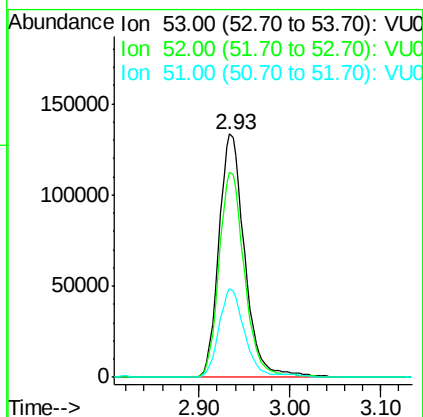
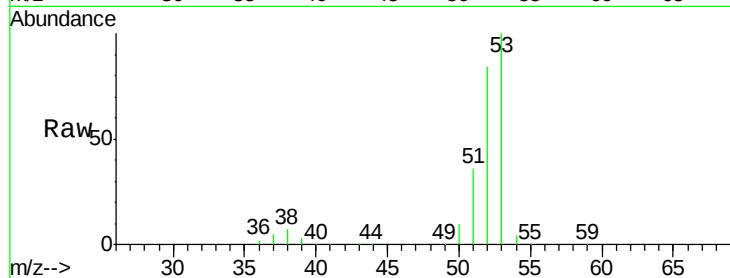




#15
 Acrylonitrile
 Concen: 212.260 ug/l
 RT: 2.93 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: VU025274.D
 Acq: 09 Jul 2018 15:22

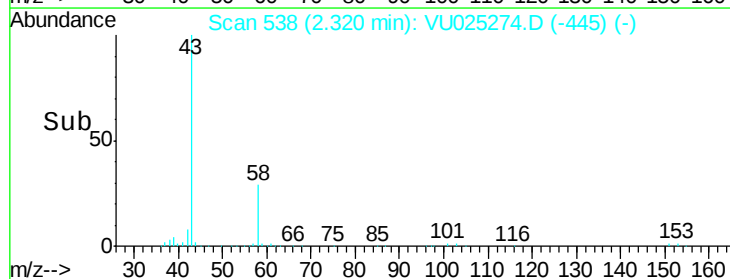
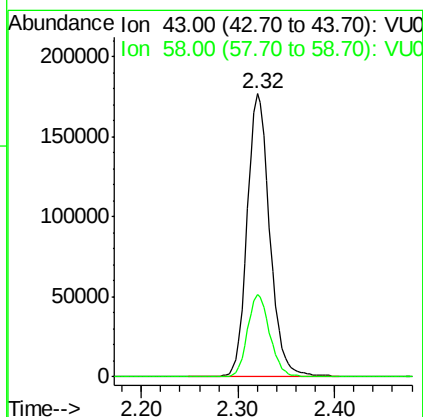
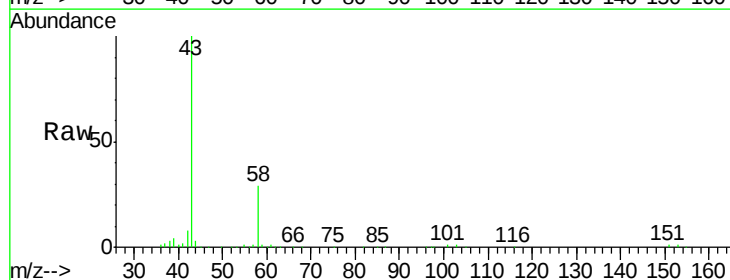
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

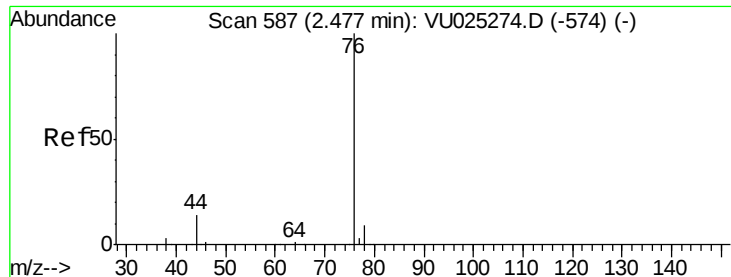
Tgt Ion: 53 Resp: 262603
 Ion Ratio Lower Upper
 53 100
 52 83.2 66.6 99.8
 51 36.8 29.4 44.2



#16
 Acetone
 Concen: 192.126 ug/l
 RT: 2.32 min Scan# 538
 Delta R.T. 0.00 min
 Lab File: VU025274.D
 Acq: 09 Jul 2018 15:22

Tgt Ion: 43 Resp: 286179
 Ion Ratio Lower Upper
 43 100
 58 28.9 23.1 34.7

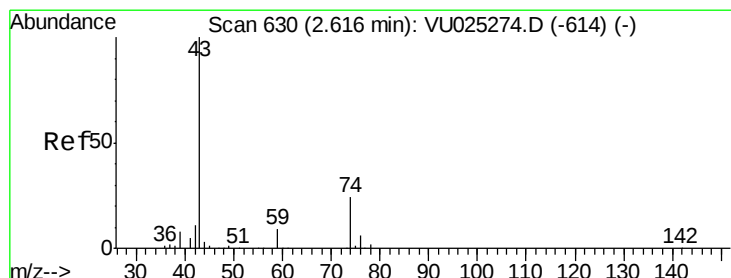
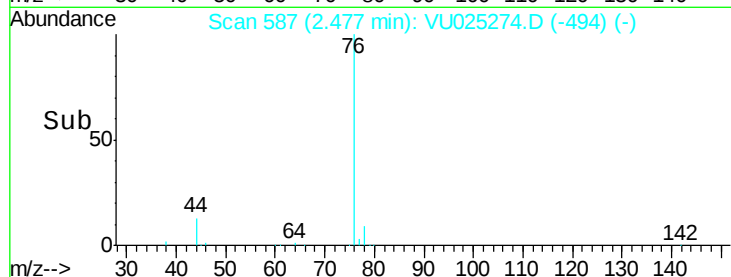
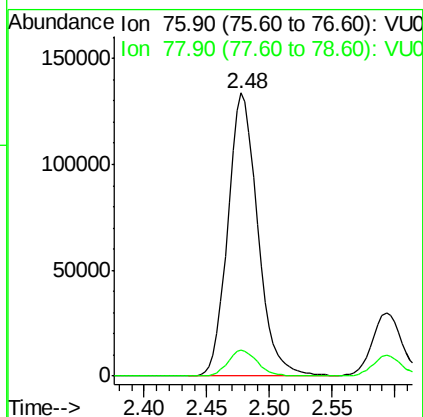
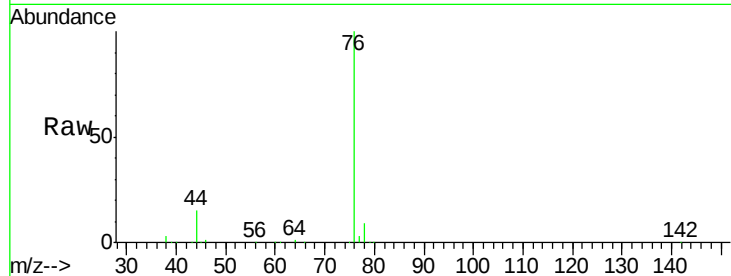




#17
 Carbon Disulfide
 Concen: 39.930 ug/l
 RT: 2.48 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: VU025274.D
 Acq: 09 Jul 2018 15:22

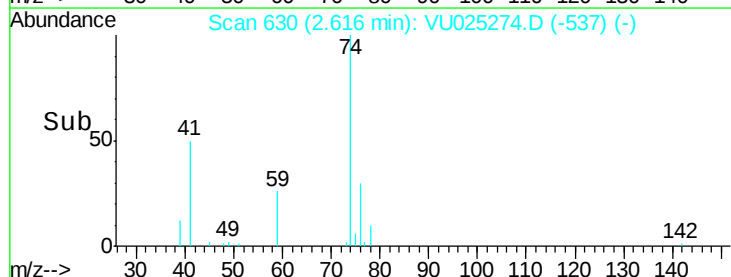
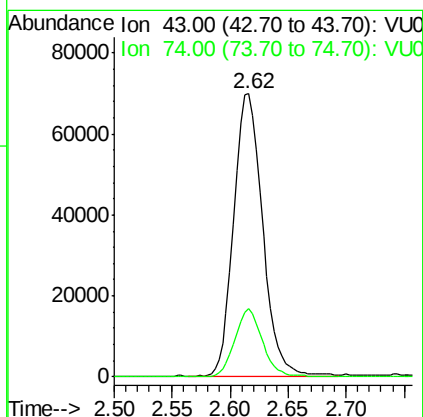
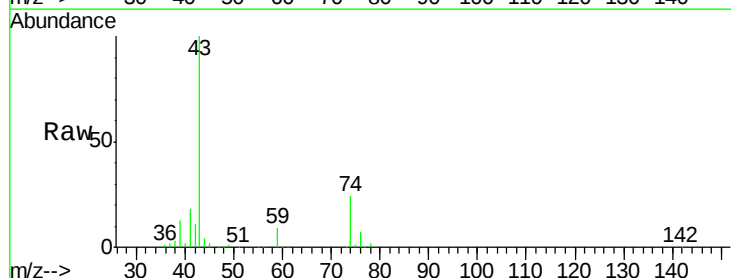
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

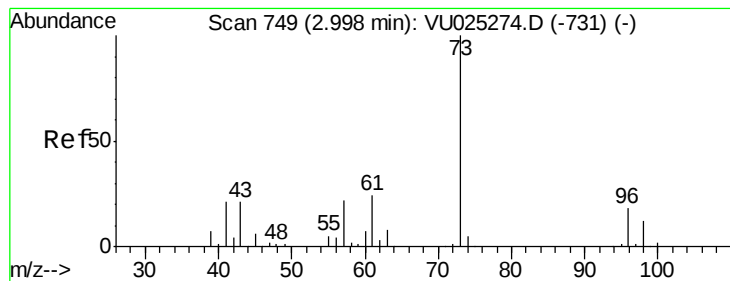
Tgt Ion: 76 Resp: 222610
 Ion Ratio Lower Upper
 76 100
 78 9.3 7.4 11.2



#18
 Methyl Acetate
 Concen: 42.651 ug/l
 RT: 2.62 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: VU025274.D
 Acq: 09 Jul 2018 15:22

Tgt Ion: 43 Resp: 120455
 Ion Ratio Lower Upper
 43 100
 74 23.1 18.5 27.7



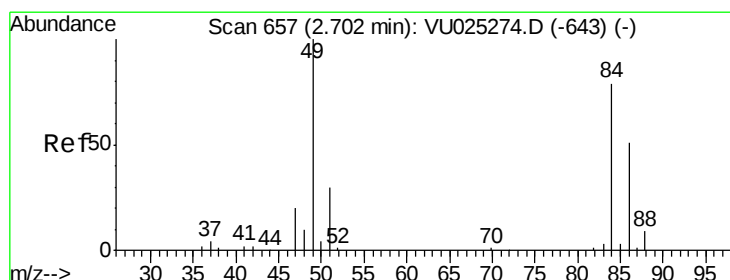
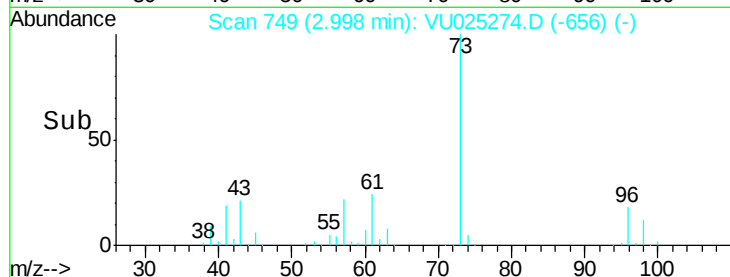
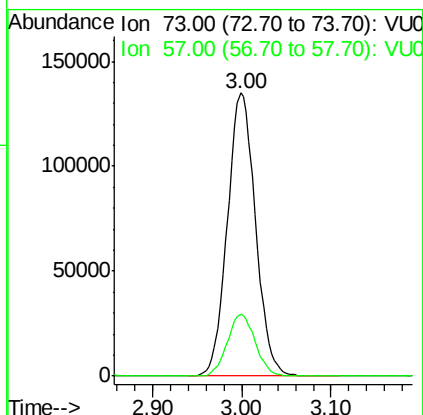
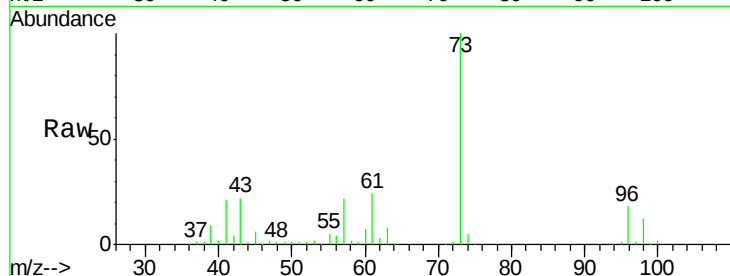


#19

Methyl tert-butyl Ether
 Concen: 43.059 ug/l
 RT: 3.00 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: VU025274.D
 Acq: 09 Jul 2018 15:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

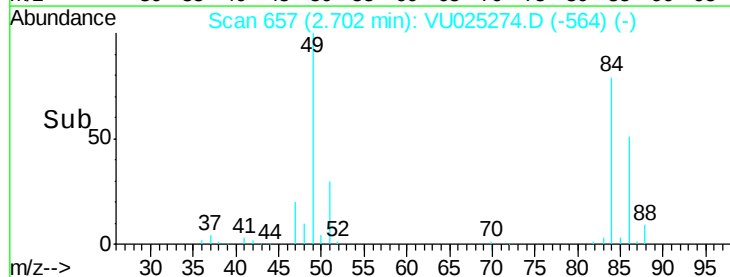
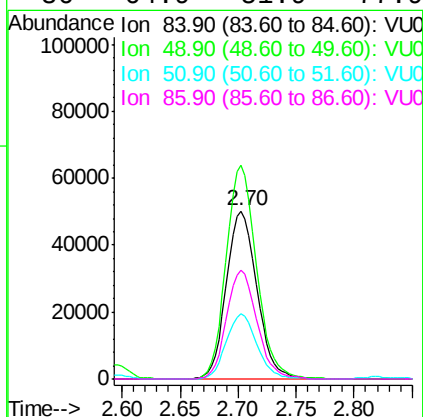
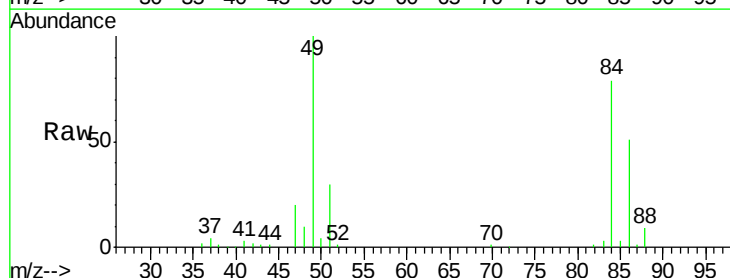
Tgt Ion: 73 Resp: 294766
 Ion Ratio Lower Upper
 73 100
 57 21.8 17.4 26.2

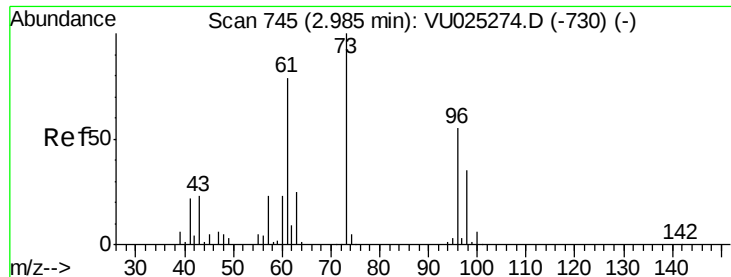


#20

Methylene Chloride
 Concen: 37.525 ug/l
 RT: 2.70 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: VU025274.D
 Acq: 09 Jul 2018 15:22

Tgt Ion: 84 Resp: 91836
 Ion Ratio Lower Upper
 84 100
 49 127.2 101.8 152.6
 51 38.5 30.8 46.2
 86 64.9 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 41.907 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU025274.D

Acq: 09 Jul 2018 15:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

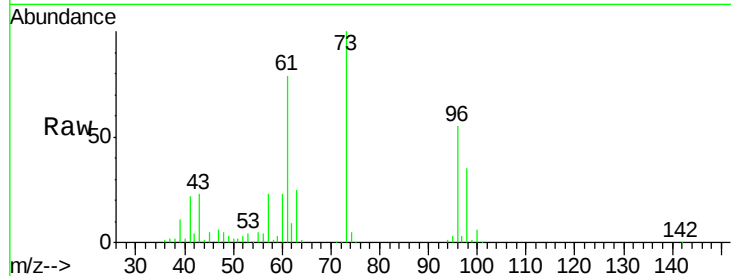
Tgt Ion: 96 Resp: 86190

Ion Ratio Lower Upper

96 100

61 143.1 114.5 171.7

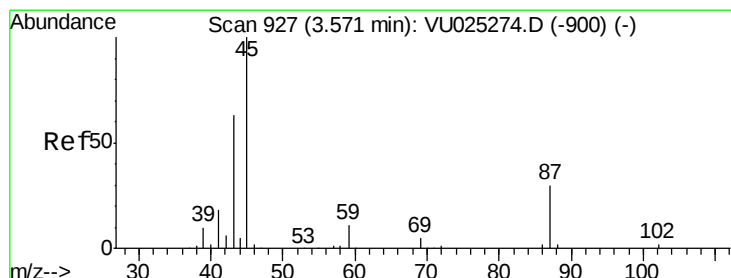
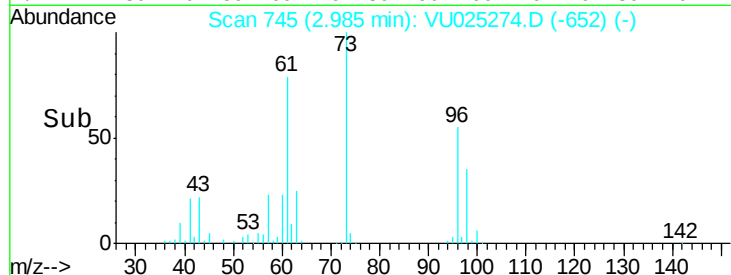
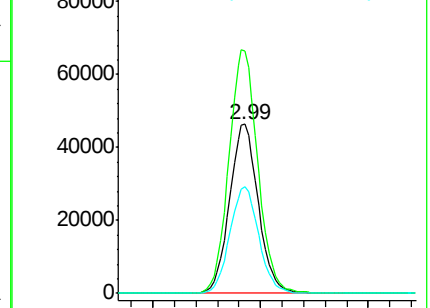
98 63.1 50.5 75.7



Abundance Ion 95.90 (95.60 to 96.60): VU025274.D (-730) (-)

Ion 60.90 (60.60 to 61.60): VU025274.D (-730) (-)

Ion 97.90 (97.60 to 98.60): VU025274.D (-730) (-)



#22

Diisopropyl ether

Concen: 43.133 ug/l

RT: 3.57 min Scan# 927

Delta R.T. 0.00 min

Lab File: VU025274.D

Acq: 09 Jul 2018 15:22

Tgt Ion: 45 Resp: 287507

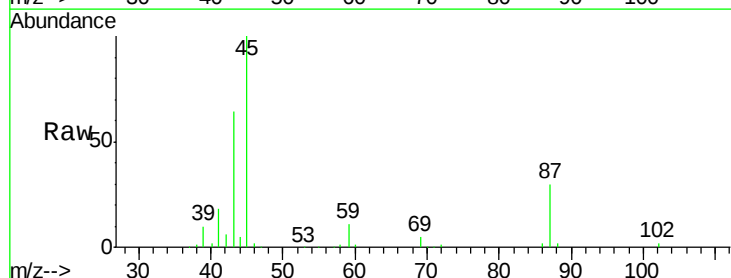
Ion Ratio Lower Upper

45 100

43 63.6 50.9 76.3

87 29.8 23.8 35.8

59 11.2 9.0 13.4

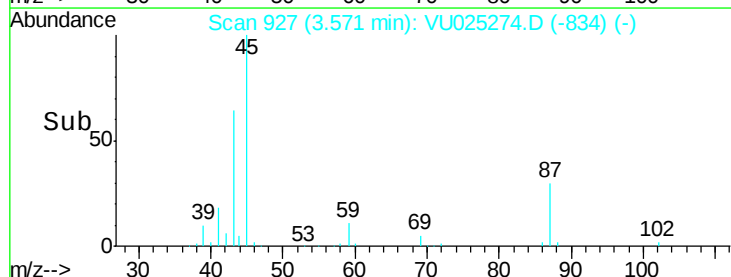
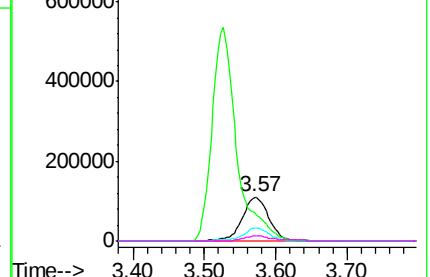


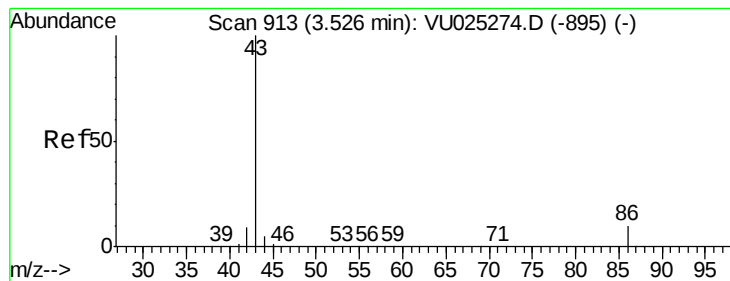
Abundance Ion 45.00 (44.70 to 45.70): VU025274.D (-900) (-)

Ion 43.00 (42.70 to 43.70): VU025274.D (-900) (-)

Ion 87.00 (86.70 to 87.70): VU025274.D (-900) (-)

Ion 59.00 (58.70 to 59.70): VU025274.D (-900) (-)





#23

Vinyl Acetate

Concen: 219.032 ug/l

RT: 3.53 min Scan# 913

Delta R.T. 0.00 min

Lab File: VU025274.D

Acq: 09 Jul 2018 15:22

Instrument :

MSVOA_U

ClientSampleId :

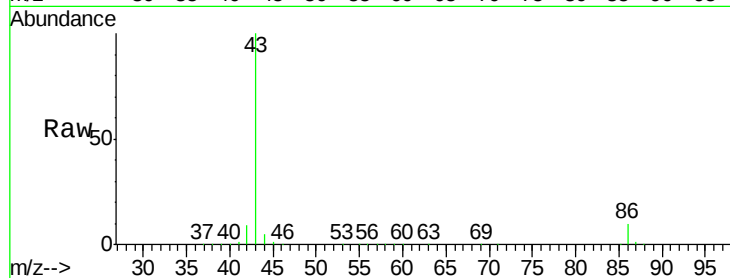
VSTDICCC050

Tgt Ion: 43 Resp: 1280762

Ion Ratio Lower Upper

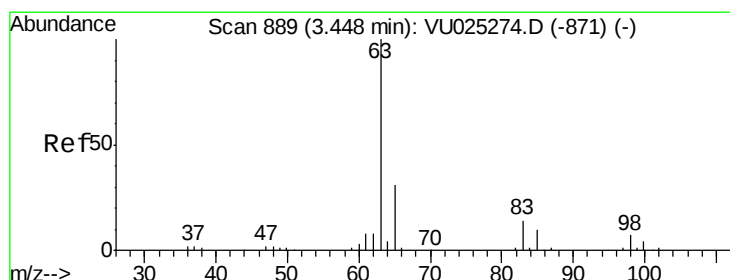
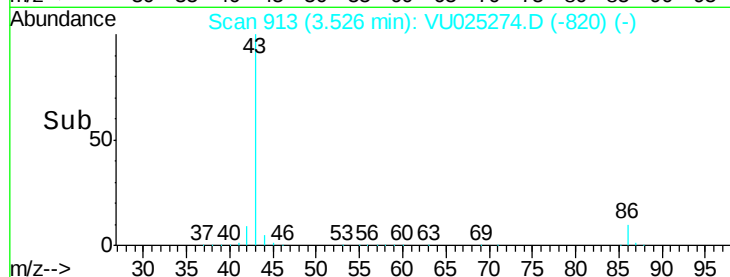
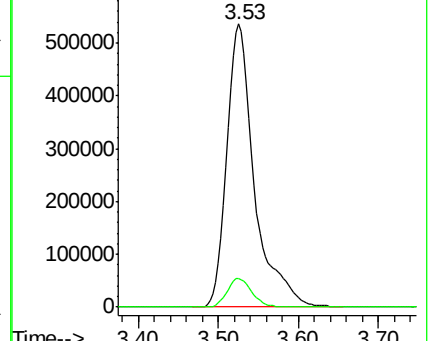
43 100

86 10.2 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 44.228 ug/l

RT: 3.45 min Scan# 889

Delta R.T. 0.00 min

Lab File: VU025274.D

Acq: 09 Jul 2018 15:22

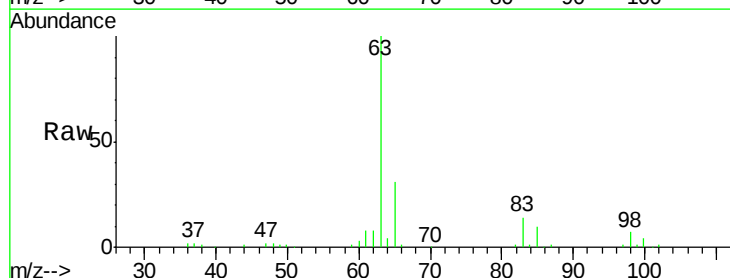
Tgt Ion: 63 Resp: 166266

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.1

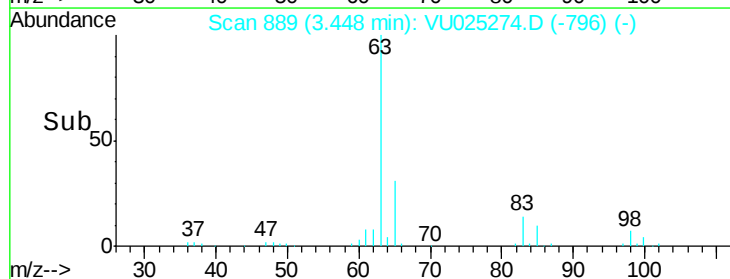
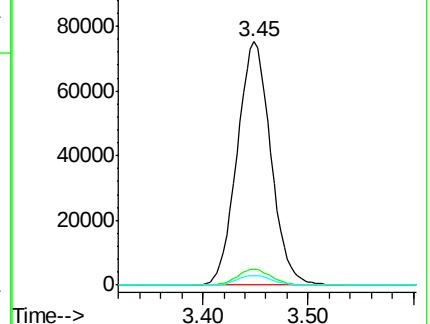
100 4.0 2.0 6.0

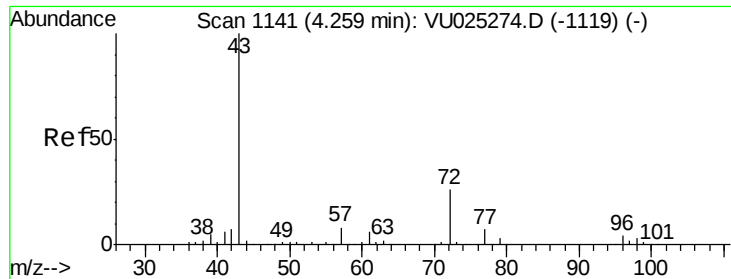


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0





#25

2-Butanone

Concen: 209.750 ug/l

RT: 4.26 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VU025274.D

Acq: 09 Jul 2018 15:22

Instrument :

MSVOA_U

ClientSampleId :

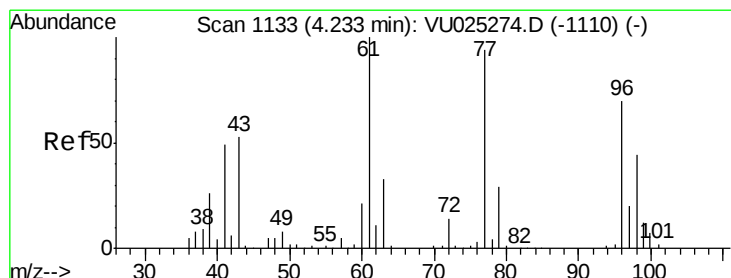
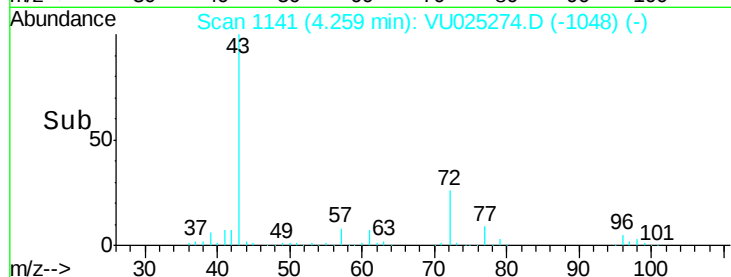
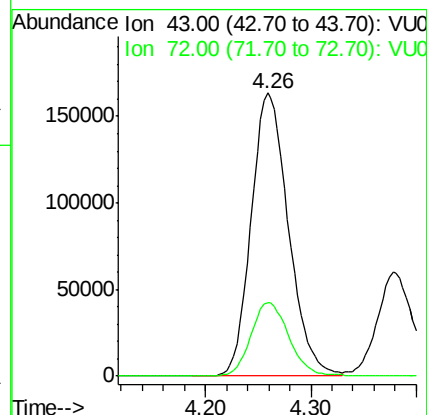
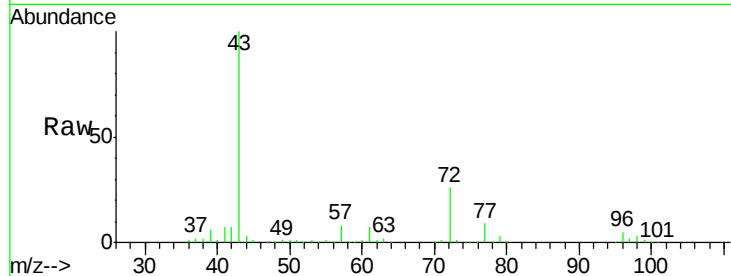
VSTDICCC050

Tgt Ion: 43 Resp: 401026

Ion Ratio Lower Upper

43 100

72 26.2 21.0 31.4



#26

2,2-Dichloropropane

Concen: 40.958 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU025274.D

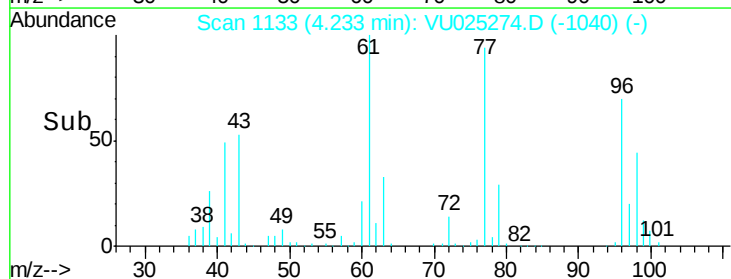
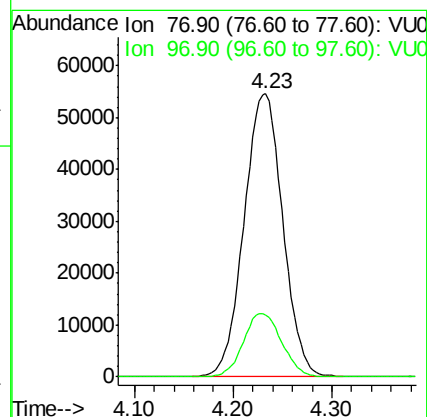
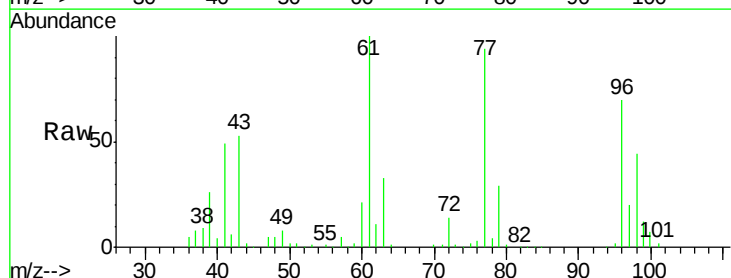
Acq: 09 Jul 2018 15:22

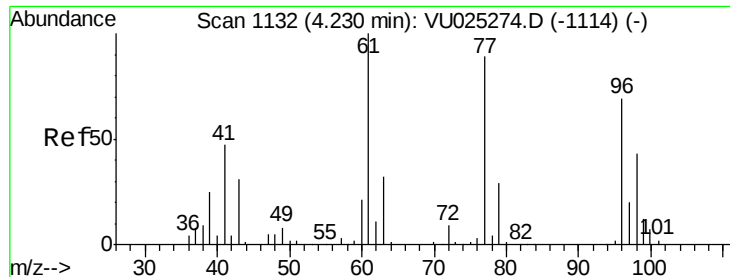
Tgt Ion: 77 Resp: 148044

Ion Ratio Lower Upper

77 100

97 22.3 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 42.246 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU025274.D

Acq: 09 Jul 2018 15:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

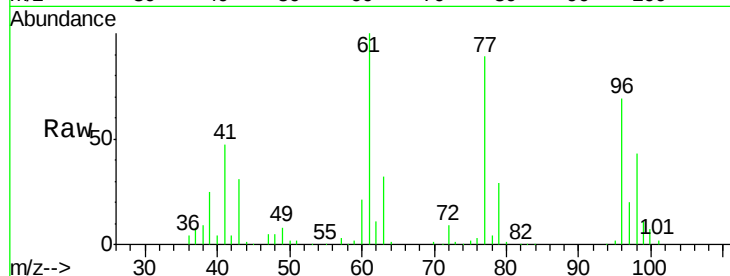
Tgt Ion: 96 Resp: 100530

Ion Ratio Lower Upper

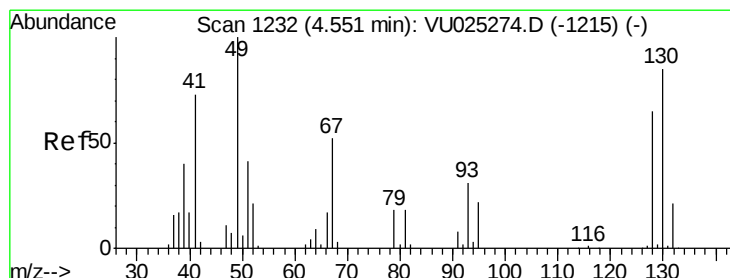
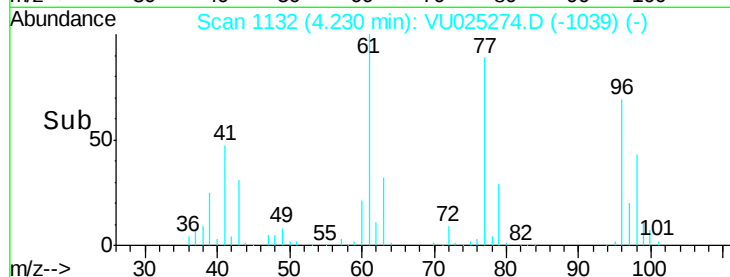
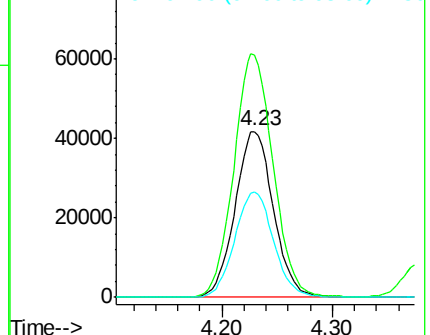
96 100

61 149.9 0.0 299.8

98 64.3 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



#28

Bromochloromethane

Concen: 50.224 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU025274.D

Acq: 09 Jul 2018 15:22

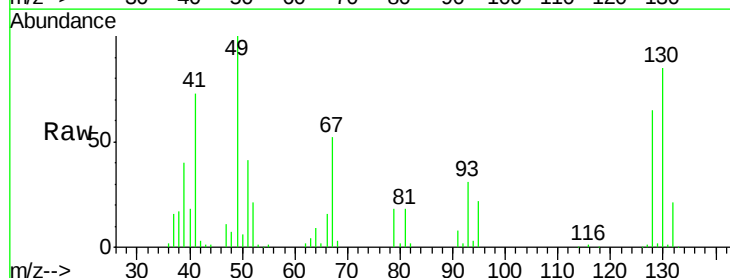
Tgt Ion: 49 Resp: 91170

Ion Ratio Lower Upper

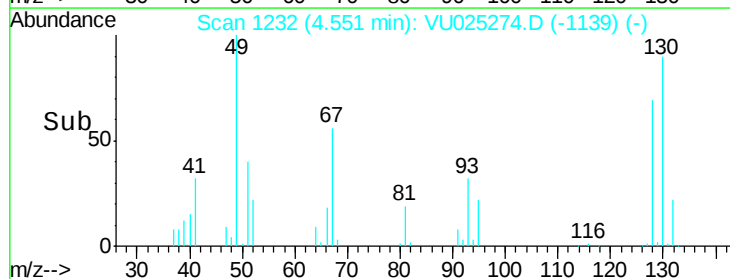
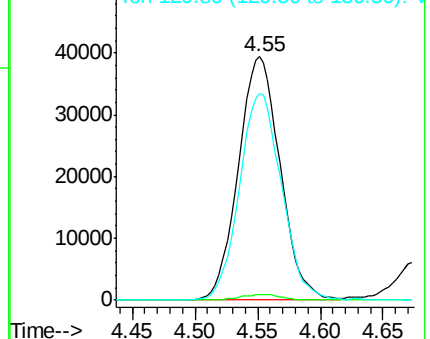
49 100

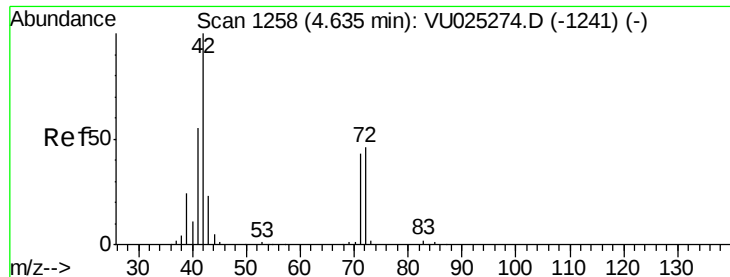
129 2.3 0.0 4.6

130 85.7 68.6 102.8



Abundance Ion 48.90 (48.60 to 49.60): VU0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 212.995 ug/l

RT: 4.63 min Scan# 1258

Delta R.T. 0.00 min

Lab File: VU025274.D

Acq: 09 Jul 2018 15:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

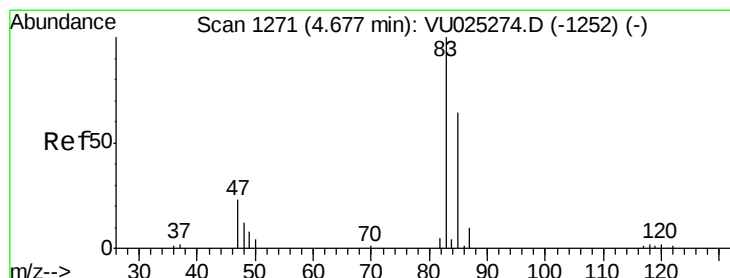
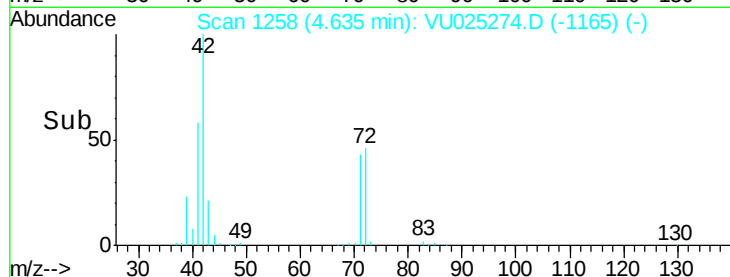
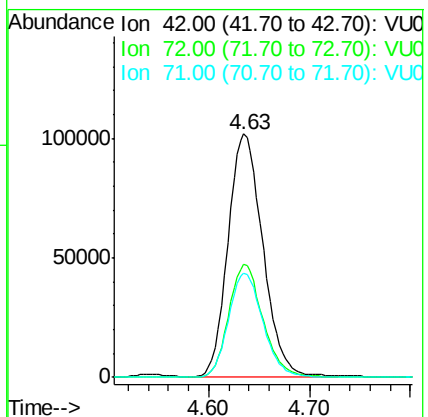
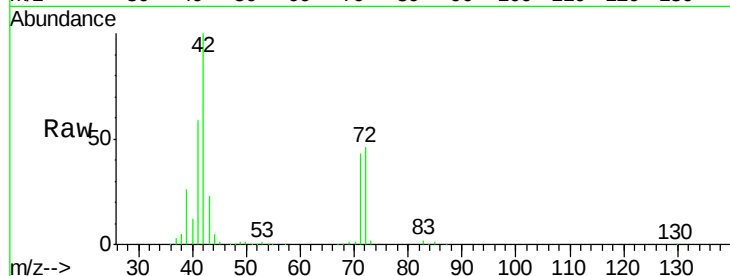
Tgt Ion: 42 Resp: 244262

Ion Ratio Lower Upper

42 100

72 45.9 36.7 55.1

71 42.4 33.9 50.9



#30

Chloroform

Concen: 44.266 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VU025274.D

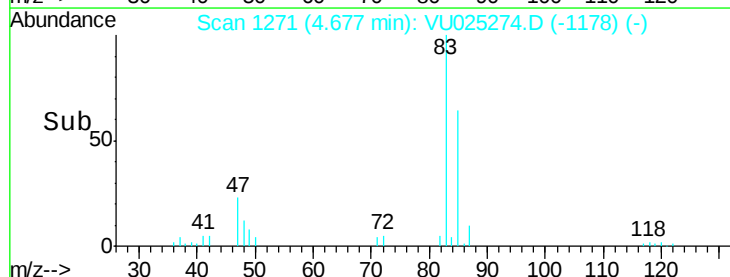
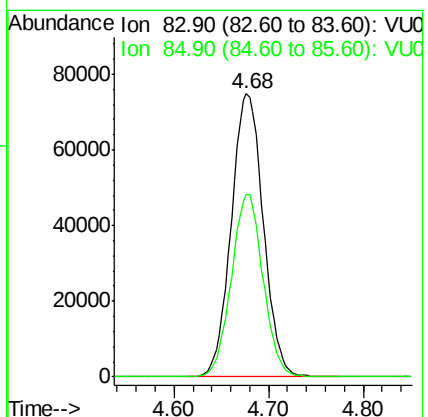
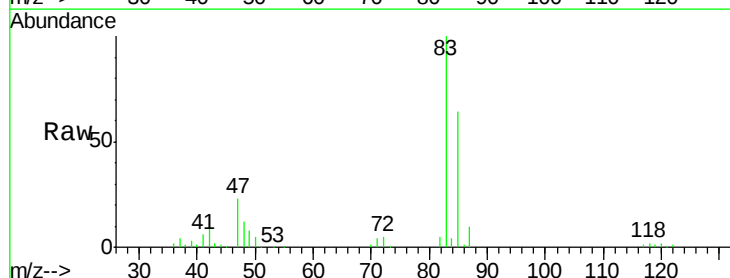
Acq: 09 Jul 2018 15:22

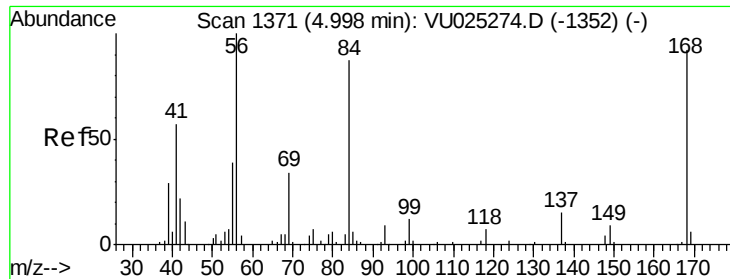
Tgt Ion: 83 Resp: 176227

Ion Ratio Lower Upper

83 100

85 64.4 51.5 77.3

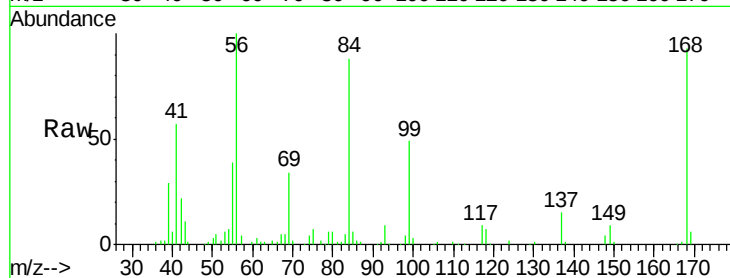




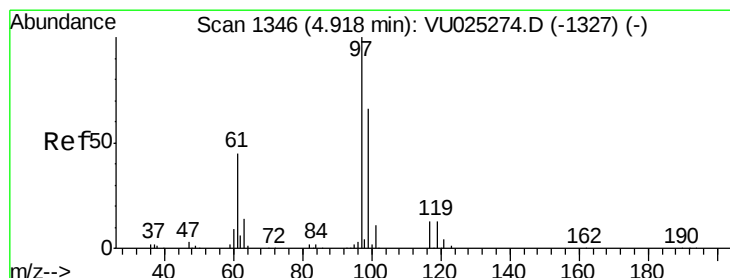
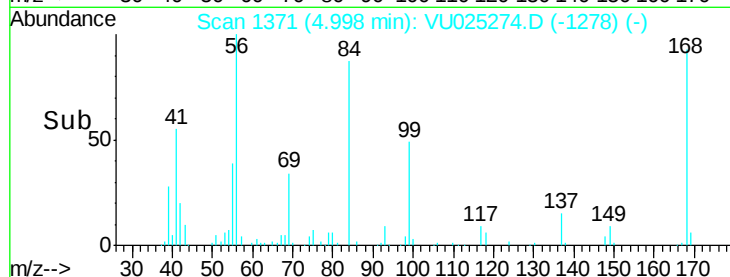
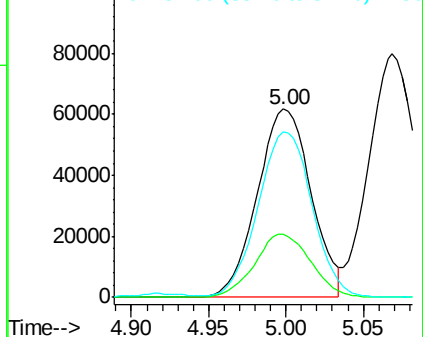
#31
Cyclohexane
Concen: 35.856 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. 0.00 min
Lab File: VU025274.D
Acq: 09 Jul 2018 15:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 149760
Ion Ratio Lower Upper
56 100
69 33.5 26.8 40.2
84 87.1 69.7 104.5

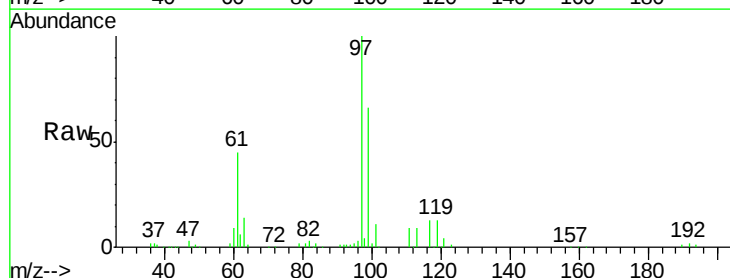


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

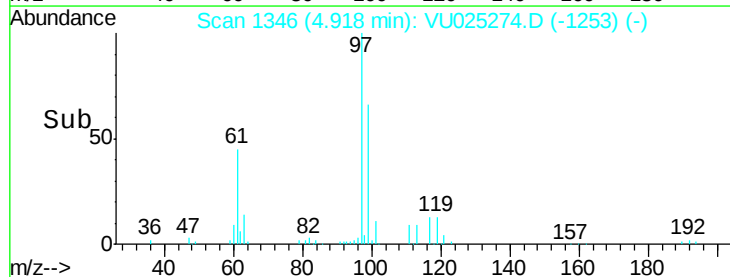
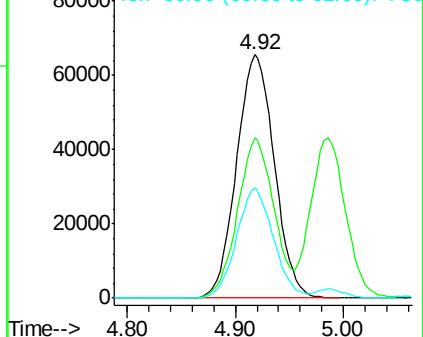


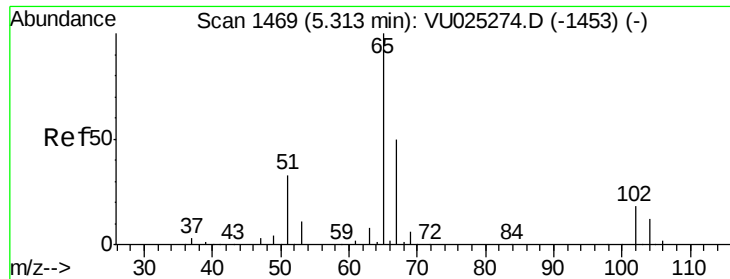
#32
1,1,1-Trichloroethane
Concen: 44.311 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VU025274.D
Acq: 09 Jul 2018 15:22

Tgt Ion: 97 Resp: 159871
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 44.0 35.2 52.8



Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 98.90 (98.60 to 99.60): VU0
Ion 60.90 (60.60 to 61.60): VU0





#33

1,2-Dichloroethane-d4

Concen: 48.346 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025274.D

Acq: 09 Jul 2018 15:22

Instrument :

MSVOA_U

ClientSampleId :

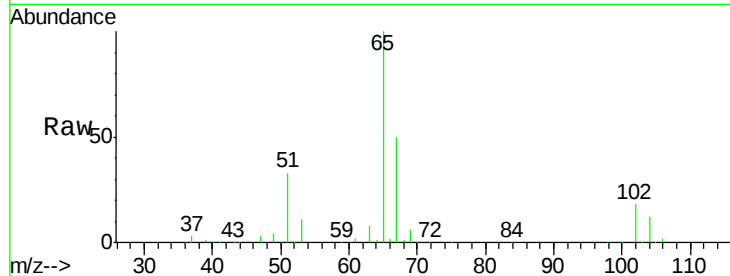
VSTDICCC050

Tgt Ion: 65 Resp: 133360

Ion Ratio Lower Upper

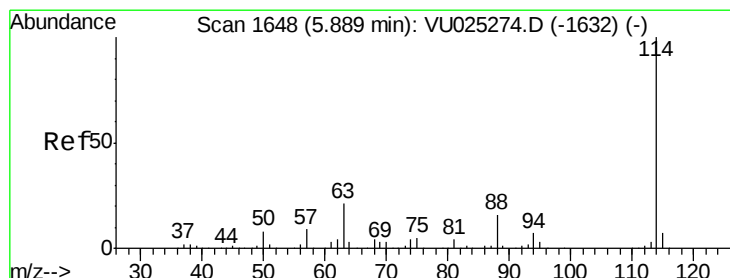
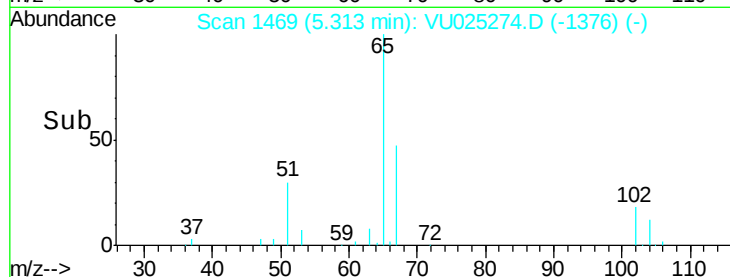
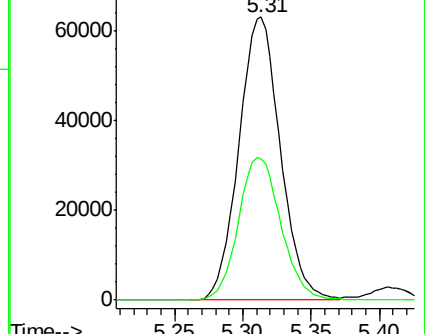
65 100

67 51.8 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. 0.00 min

Lab File: VU025274.D

Acq: 09 Jul 2018 15:22

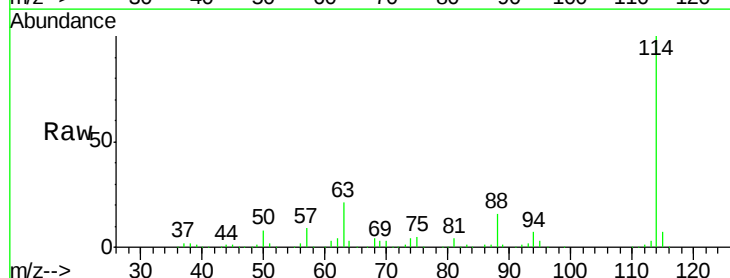
Tgt Ion: 114 Resp: 263621

Ion Ratio Lower Upper

114 100

63 20.8 0.0 41.6

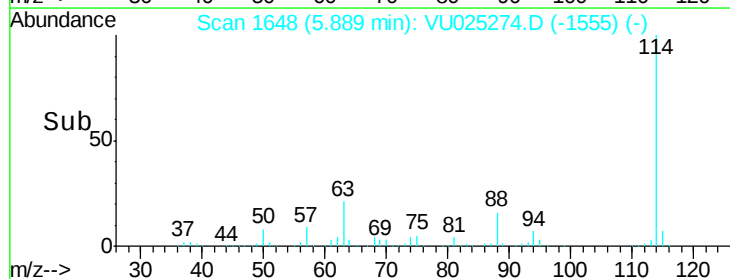
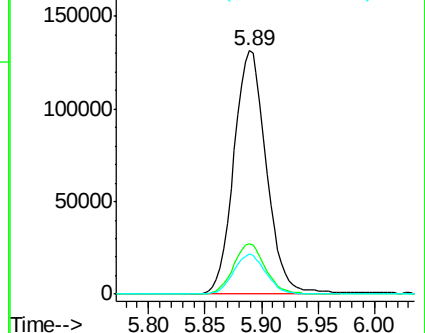
88 16.2 0.0 32.4

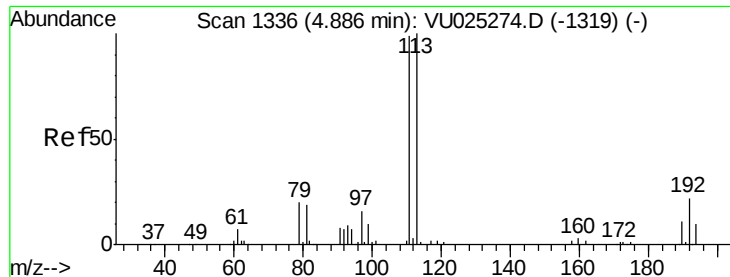


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0

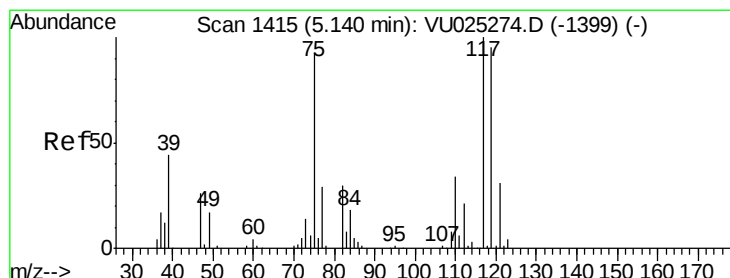
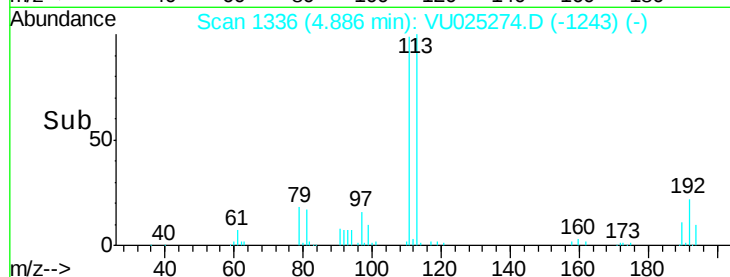
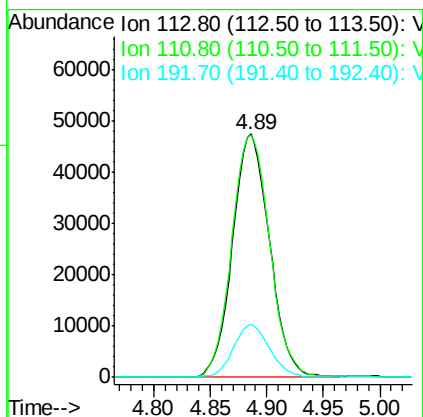
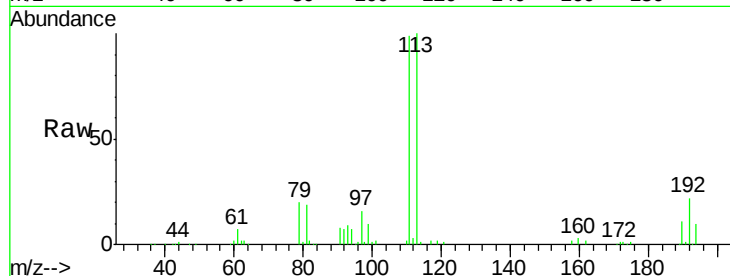




#35
 Dibromofluoromethane
 Concen: 48.615 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU025274.D
 Acq: 09 Jul 2018 15:22

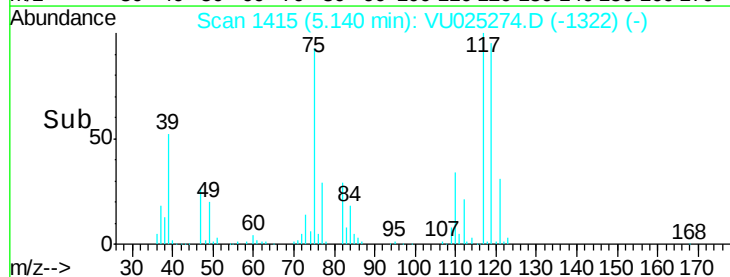
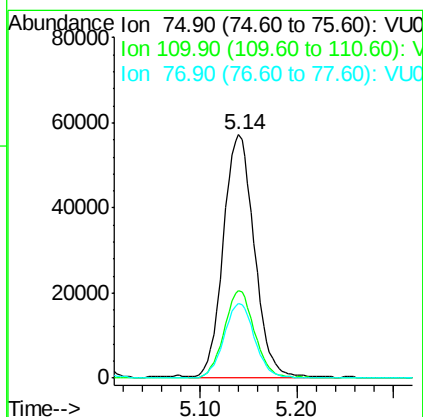
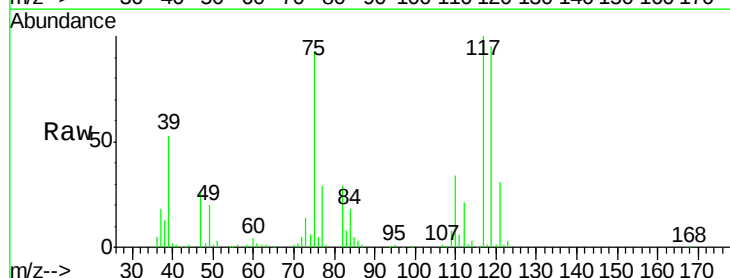
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

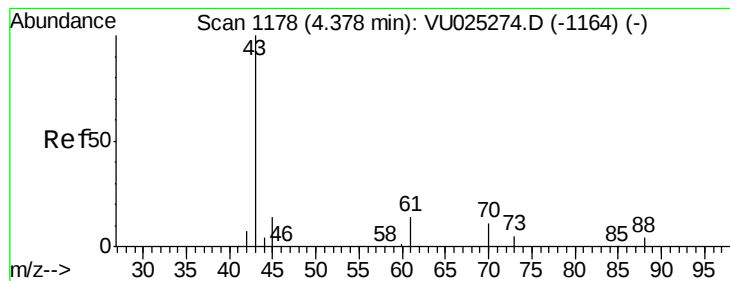
Tgt Ion: 113 Resp: 108114
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.7 122.5
 192 21.4 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 43.224 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VU025274.D
 Acq: 09 Jul 2018 15:22

Tgt Ion: 75 Resp: 126678
 Ion Ratio Lower Upper
 75 100
 110 35.3 17.6 52.9
 77 30.5 24.4 36.6





#37

Ethyl Acetate

Concen: 43.854 ug/l

RT: 4.38 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VU025274.D

Acq: 09 Jul 2018 15:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

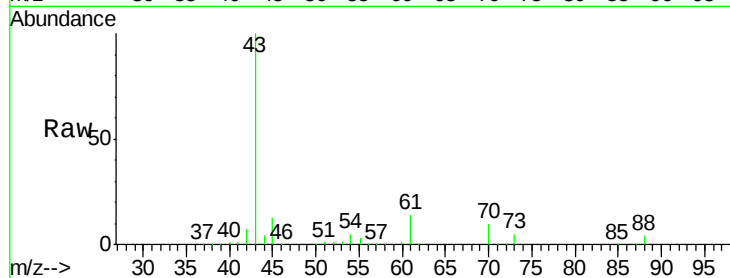
Tgt Ion: 43 Resp: 143335

Ion Ratio Lower Upper

43 100

61 13.4 10.7 16.1

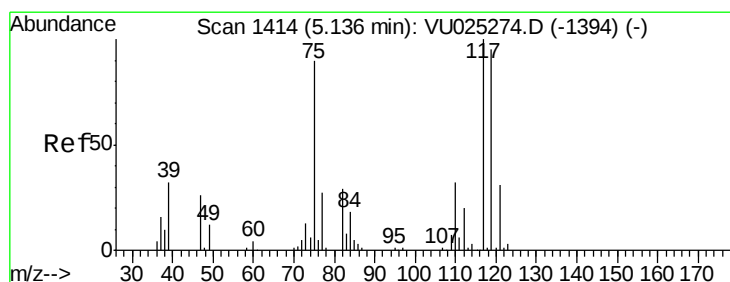
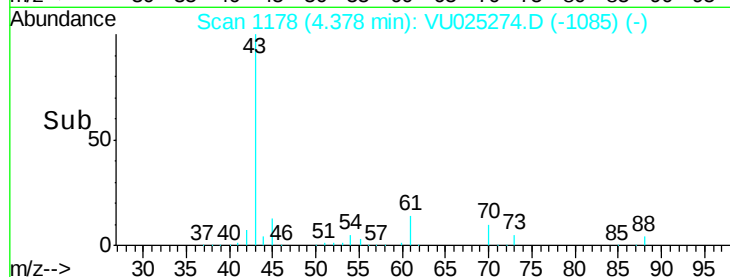
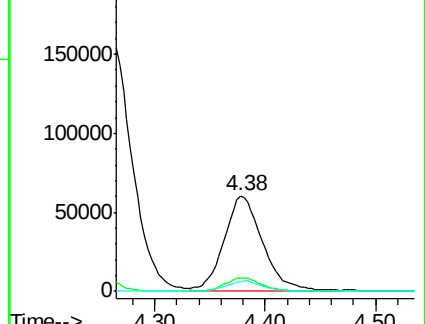
70 10.5 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VU025274.D (-1164) (-)

Ion 60.90 (60.60 to 61.60): VU025274.D (-1164) (-)

Ion 70.00 (69.70 to 70.70): VU025274.D (-1164) (-)



#38

Carbon Tetrachloride

Concen: 44.985 ug/l

RT: 5.14 min Scan# 1414

Delta R.T. 0.00 min

Lab File: VU025274.D

Acq: 09 Jul 2018 15:22

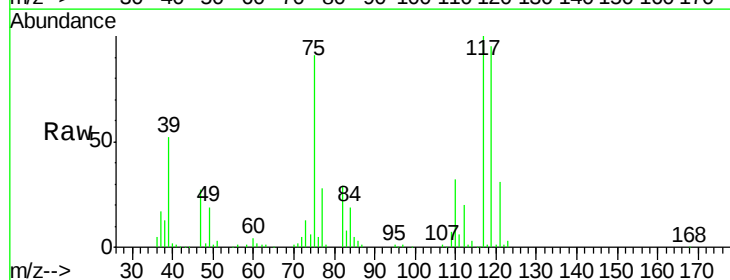
Tgt Ion: 117 Resp: 141903

Ion Ratio Lower Upper

117 100

119 94.6 75.7 113.5

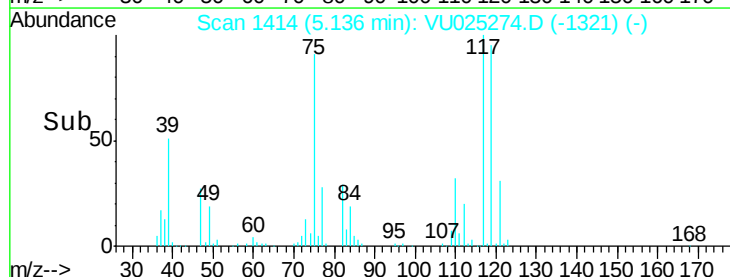
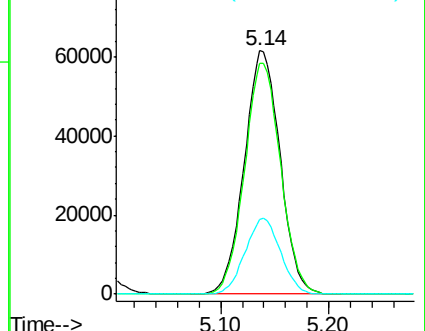
121 30.7 24.6 36.8

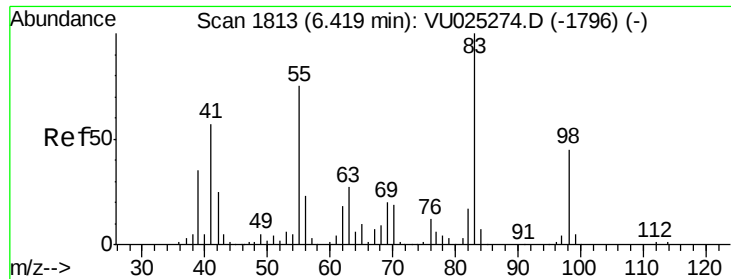


Abundance Ion 116.80 (116.50 to 117.50): VU025274.D (-1394) (-)

Ion 118.80 (118.50 to 119.50): VU025274.D (-1394) (-)

Ion 120.80 (120.50 to 121.50): VU025274.D (-1394) (-)

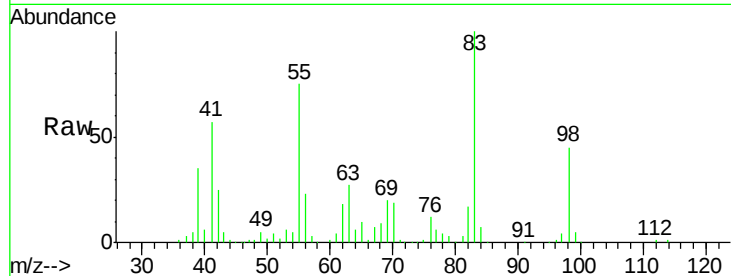




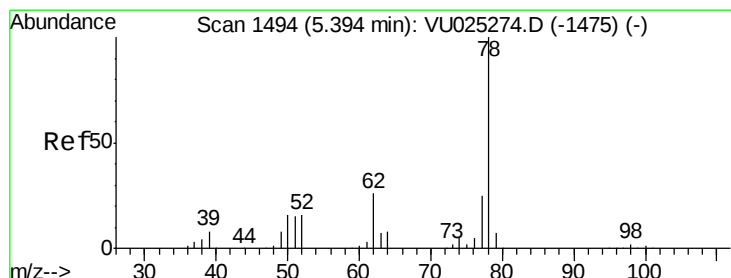
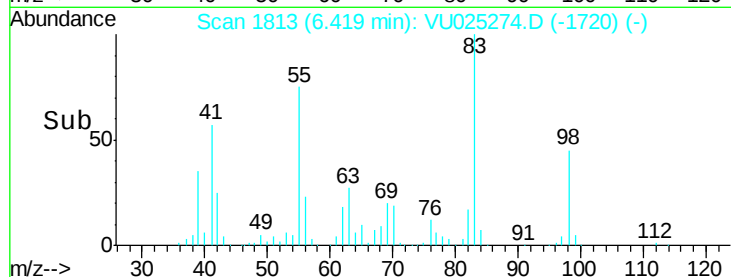
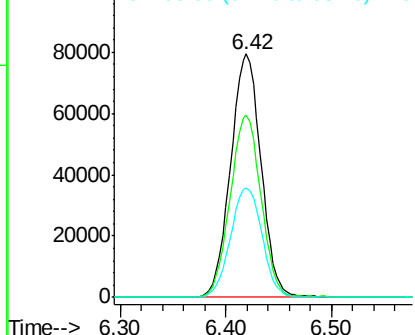
#39
Methylcyclohexane
Concen: 43.490 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025274.D
Acq: 09 Jul 2018 15:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 158986
Ion Ratio Lower Upper
83 100
55 75.0 60.0 90.0
98 45.1 36.1 54.1

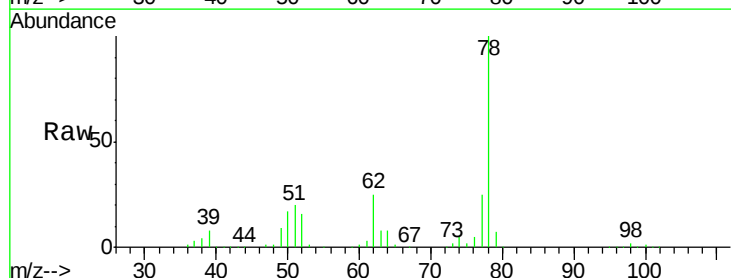


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

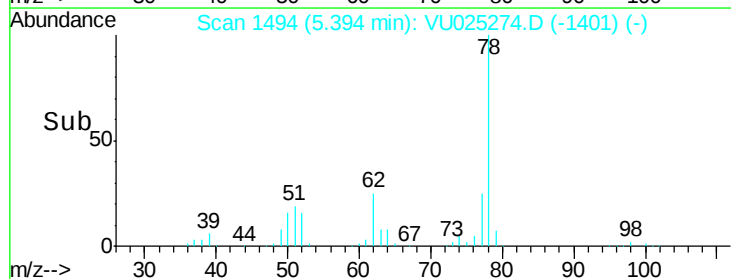
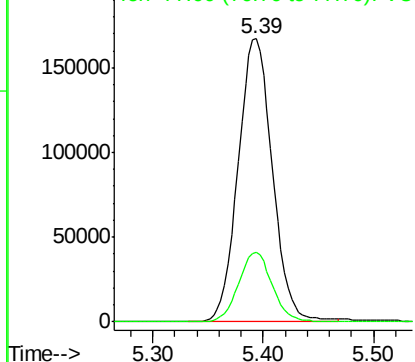


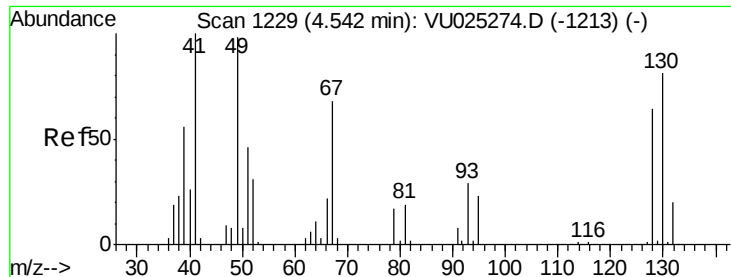
#40
Benzene
Concen: 42.638 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025274.D
Acq: 09 Jul 2018 15:22

Tgt Ion: 78 Resp: 360116
Ion Ratio Lower Upper
78 100
77 24.7 19.8 29.6



Abundance Ion 78.00 (77.70 to 78.70): VU0
Ion 77.00 (76.70 to 77.70): VU0





#41

Methacrylonitrile

Concen: 43.445 ug/l

RT: 4.54 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VU025274.D

Acq: 09 Jul 2018 15:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

Tgt Ion: 41 Resp: 78729

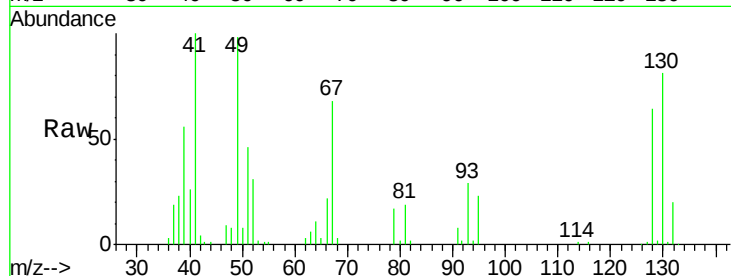
Ion Ratio Lower Upper

41 100

39 55.5 44.4 66.6

67 70.0 56.0 84.0

52 30.7 24.6 36.8

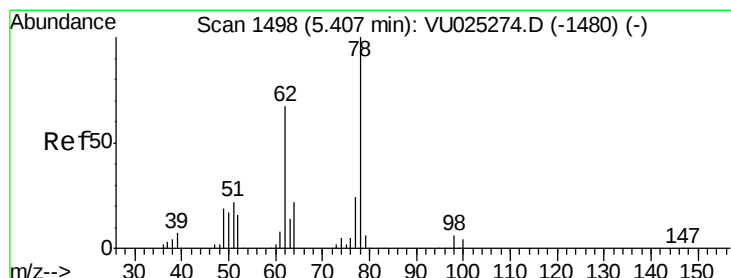
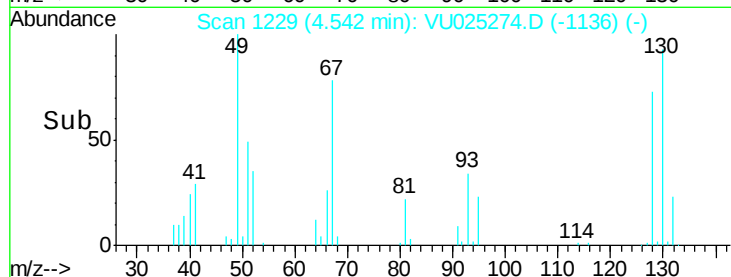
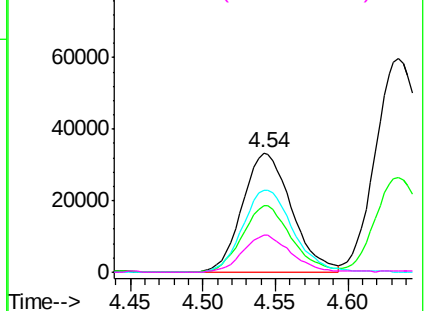


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#42

1,2-Dichloroethane

Concen: 43.772 ug/l

RT: 5.41 min Scan# 1498

Delta R.T. 0.00 min

Lab File: VU025274.D

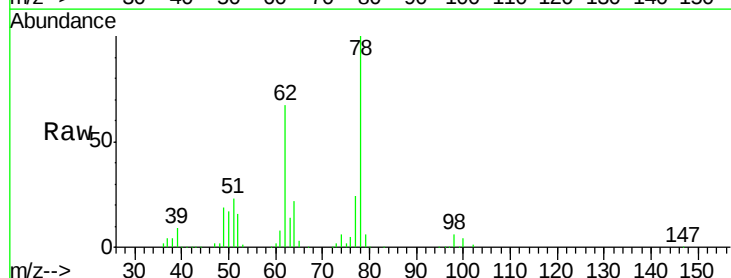
Acq: 09 Jul 2018 15:22

Tgt Ion: 62 Resp: 146955

Ion Ratio Lower Upper

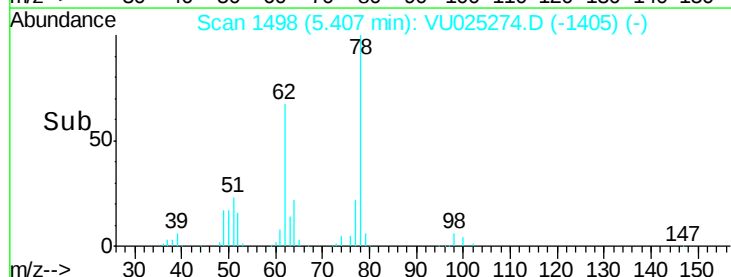
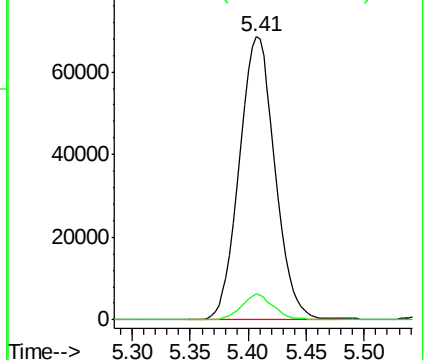
62 100

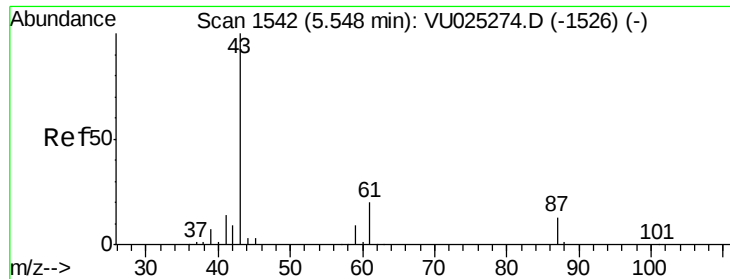
98 8.2 0.0 16.4



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 43.195 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. 0.00 min

Lab File: VU025274.D

Acq: 09 Jul 2018 15:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

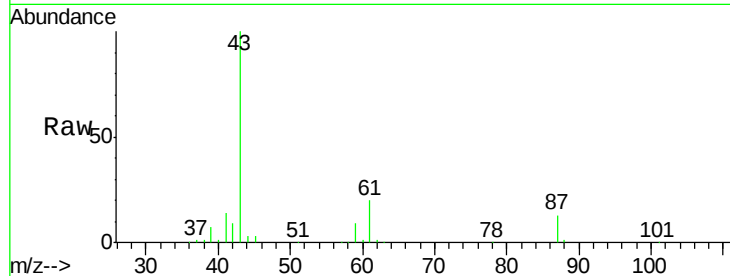
Tgt Ion: 43 Resp: 226087

Ion Ratio Lower Upper

43 100

61 19.4 15.5 23.3

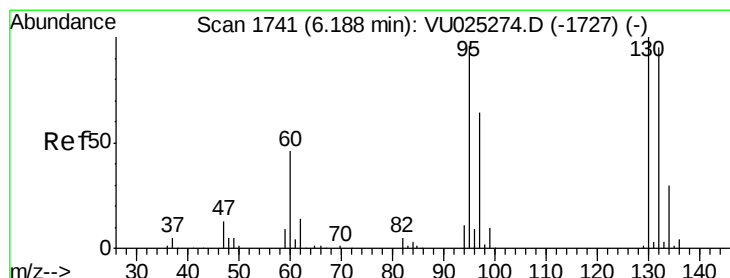
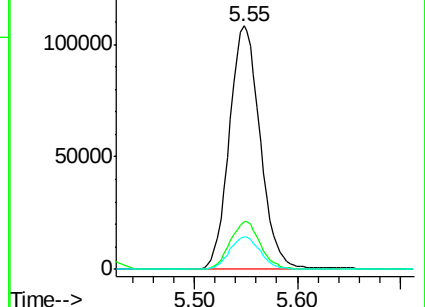
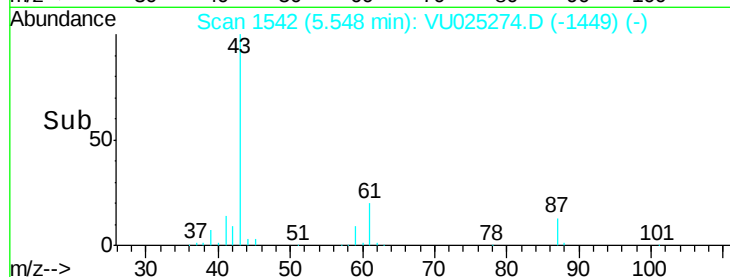
87 13.3 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VU025274.D (-1526) (-)

Ion 61.00 (60.70 to 61.70): VU025274.D (-1526) (-)

Ion 87.00 (86.70 to 87.70): VU025274.D (-1526) (-)



#44

Trichloroethene

Concen: 42.038 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU025274.D

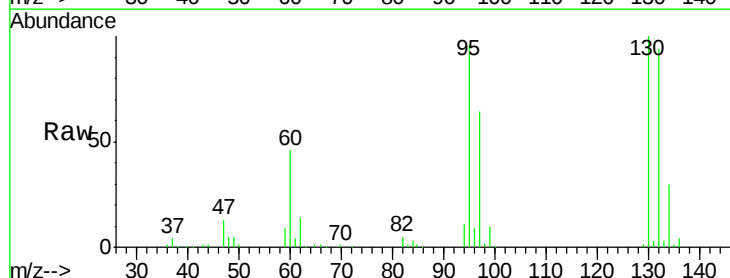
Acq: 09 Jul 2018 15:22

Tgt Ion: 130 Resp: 101947

Ion Ratio Lower Upper

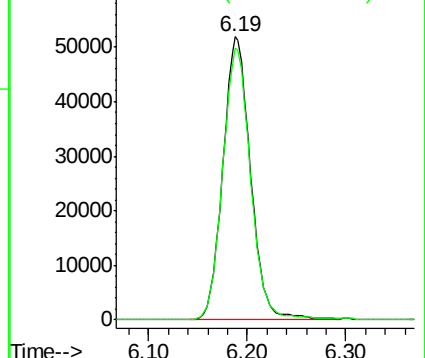
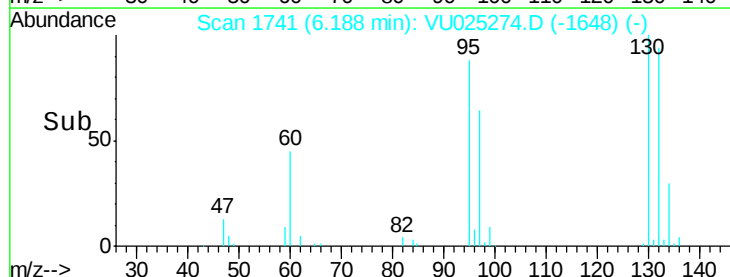
130 100

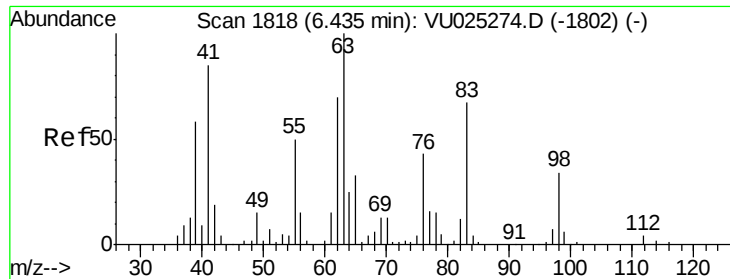
95 96.1 0.0 192.2



Abundance Ion 129.80 (129.50 to 130.50): VU025274.D (-1727) (-)

Ion 94.90 (94.60 to 95.60): VU025274.D (-1727) (-)





#45

1,2-Dichloropropane

Concen: 43.676 ug/l

RT: 6.44 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VU025274.D

Acq: 09 Jul 2018 15:22

Instrument :

MSVOA_U

ClientSampleId :

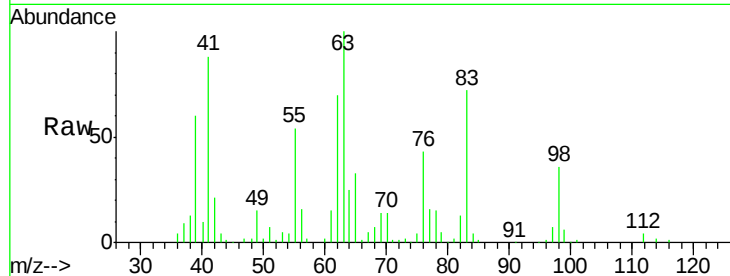
VSTDICCC050

Tgt Ion: 63 Resp: 96617

Ion Ratio Lower Upper

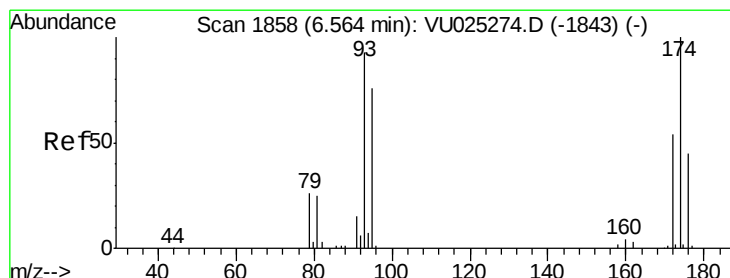
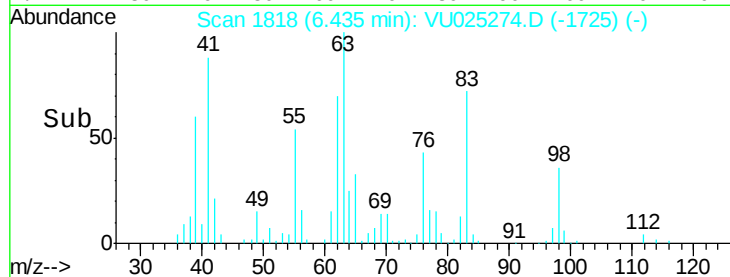
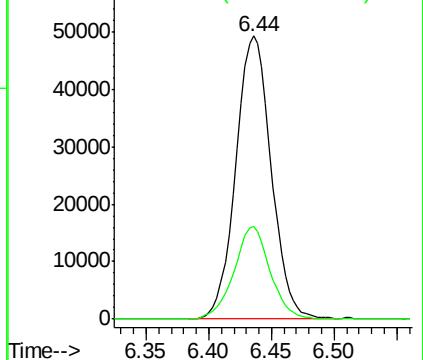
63 100

65 32.6 26.1 39.1



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#46

Dibromomethane

Concen: 43.434 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. 0.00 min

Lab File: VU025274.D

Acq: 09 Jul 2018 15:22

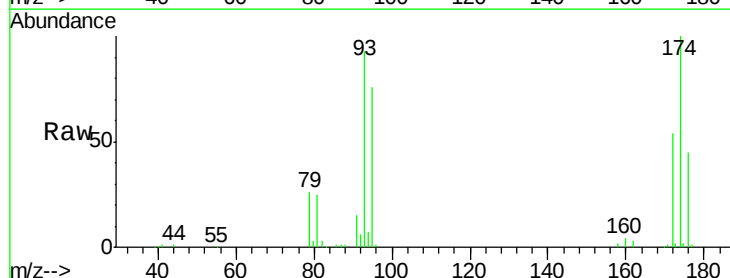
Tgt Ion: 93 Resp: 69922

Ion Ratio Lower Upper

93 100

95 83.3 66.6 100.0

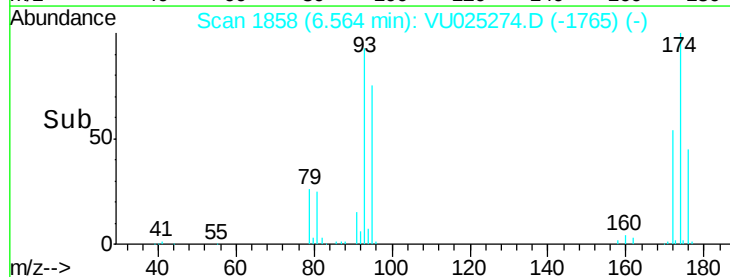
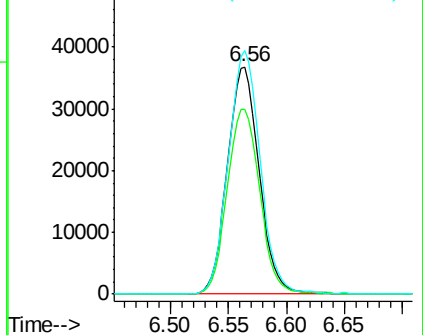
174 107.3 85.8 128.8

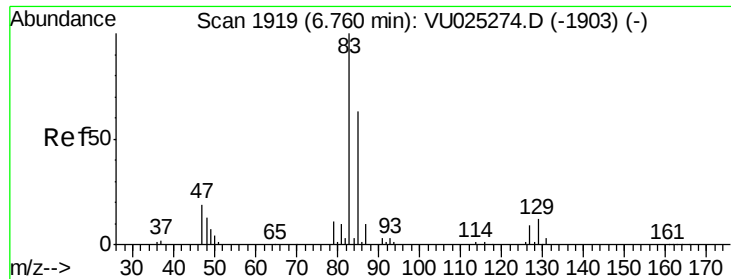


Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 45.041 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025274.D

Acq: 09 Jul 2018 15:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

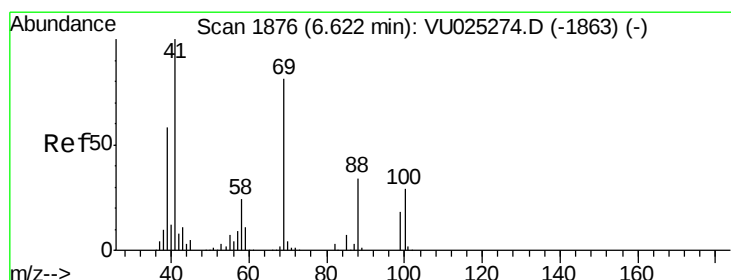
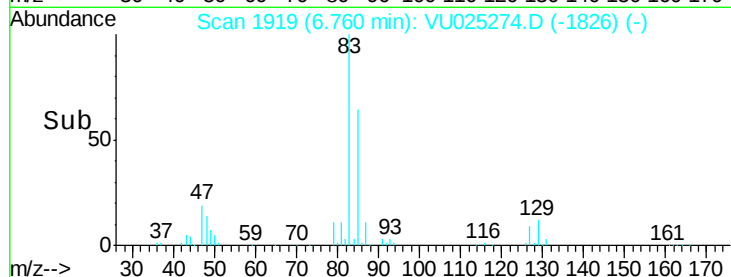
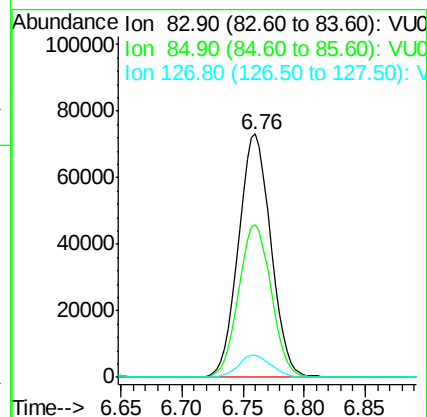
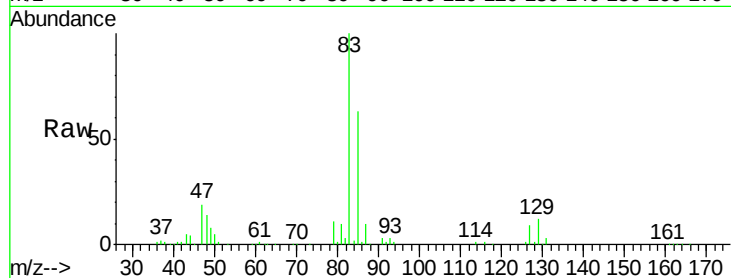
Tgt Ion: 83 Resp: 134697

Ion Ratio Lower Upper

83 100

85 62.8 50.2 75.4

127 9.0 7.2 10.8



#48

Methyl methacrylate

Concen: 44.066 ug/l

RT: 6.62 min Scan# 1876

Delta R.T. 0.00 min

Lab File: VU025274.D

Acq: 09 Jul 2018 15:22

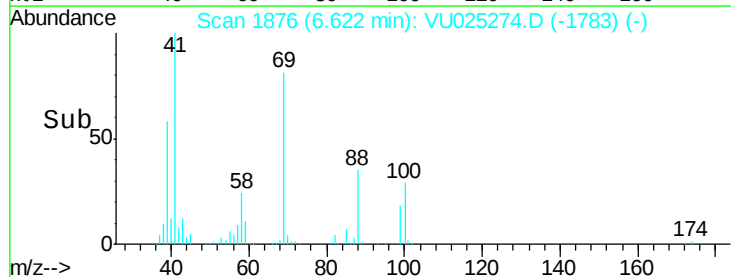
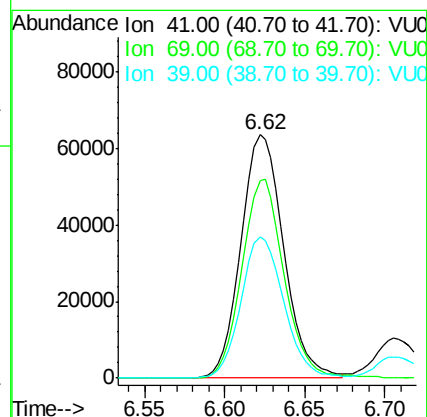
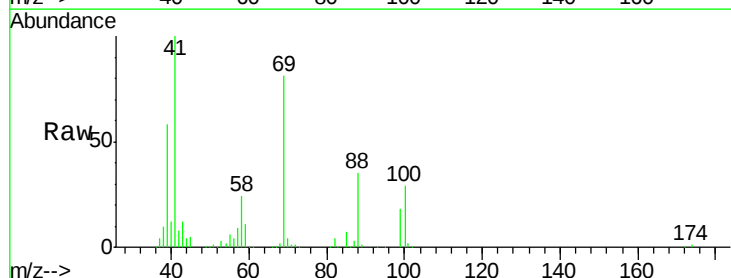
Tgt Ion: 41 Resp: 114982

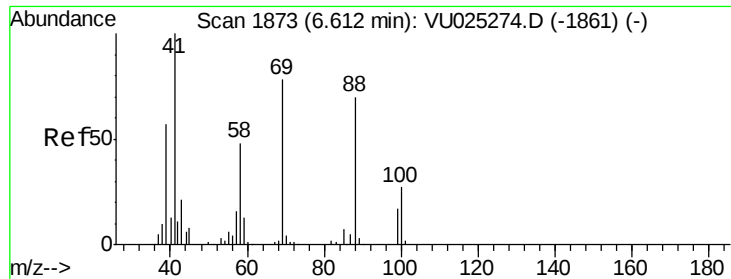
Ion Ratio Lower Upper

41 100

69 81.2 65.0 97.4

39 58.0 46.4 69.6

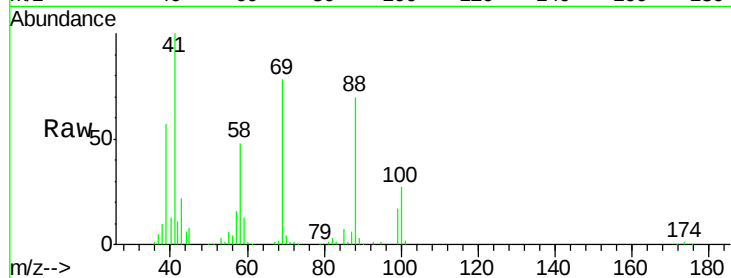




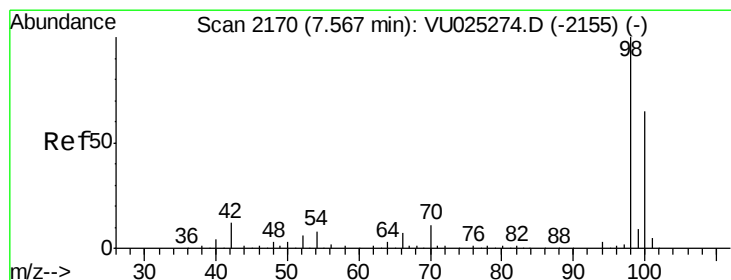
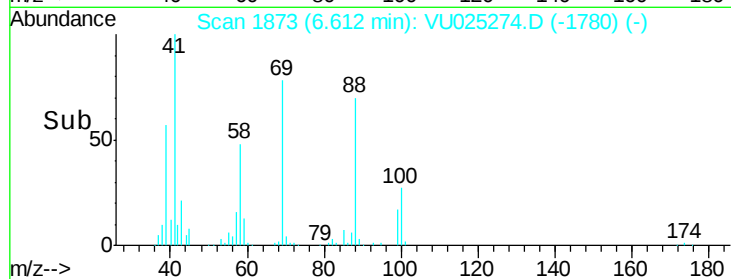
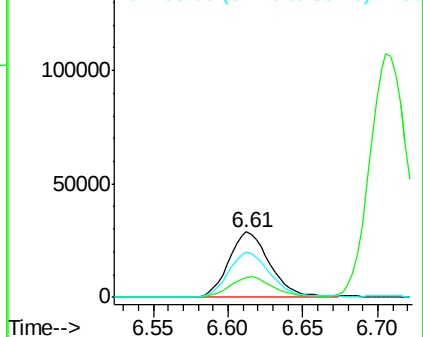
#49
1,4-Dioxane
Concen: 865.954 ug/l
RT: 6.61 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VU025274.D
Acq: 09 Jul 2018 15:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 54370
Ion Ratio Lower Upper
88 100
43 34.1 27.3 40.9
58 72.0 57.6 86.4

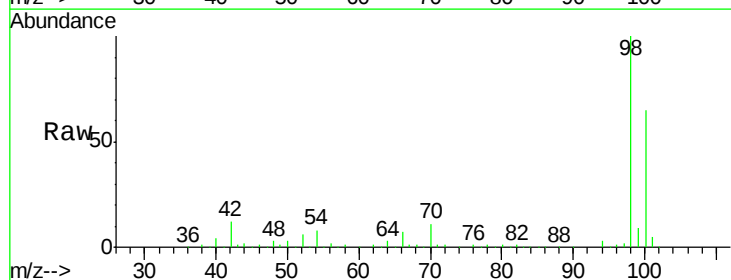


Abundance Ion 88.00 (87.70 to 88.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

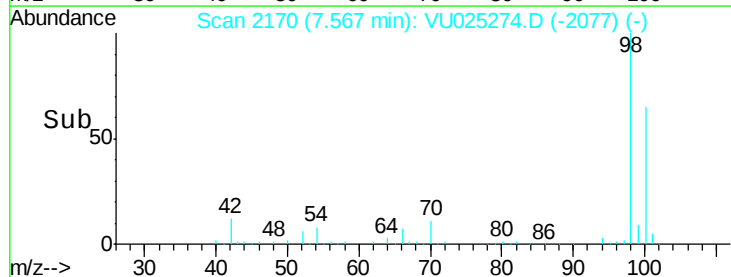
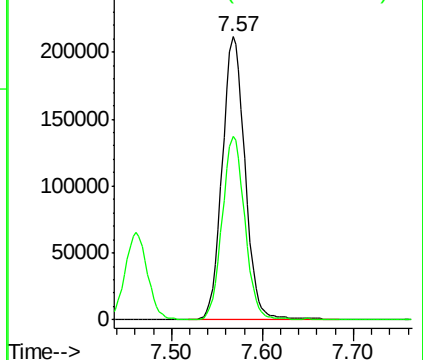


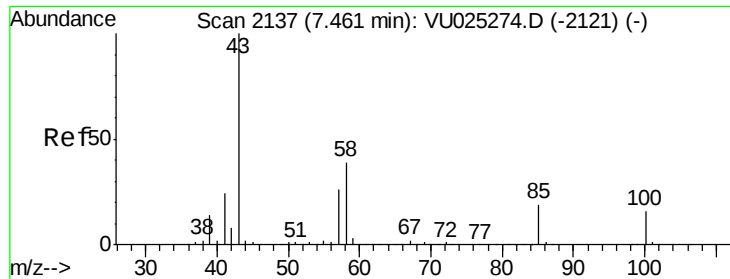
#50
Toluene-d8
Concen: 48.559 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU025274.D
Acq: 09 Jul 2018 15:22

Tgt Ion: 98 Resp: 369796
Ion Ratio Lower Upper
98 100
100 63.9 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0





#51

4-Methyl-2-Pentanone

Concen: 212.902 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. 0.00 min

Lab File: VU025274.D

Acq: 09 Jul 2018 15:22

Instrument :

MSVOA_U

ClientSampleId :

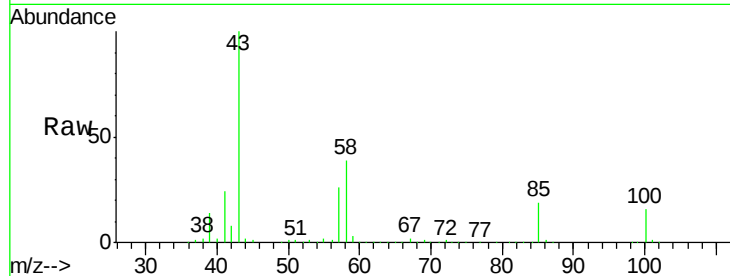
VSTDICCC050

Tgt Ion: 43 Resp: 724282

Ion Ratio Lower Upper

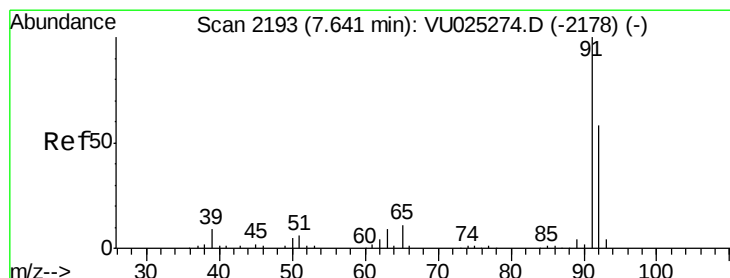
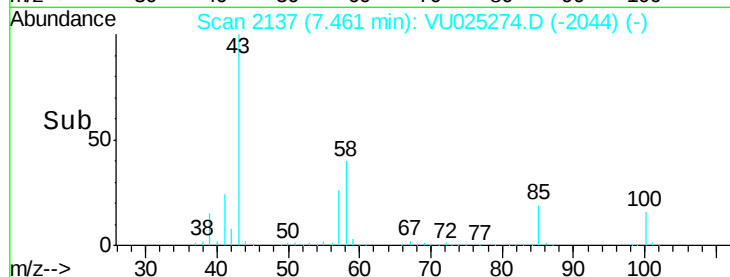
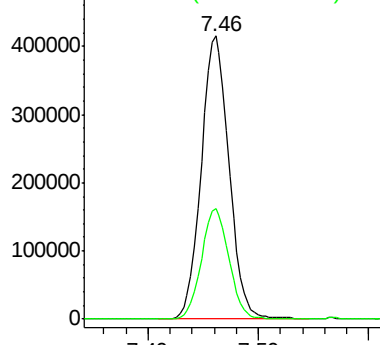
43 100

58 38.7 31.0 46.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#52

Toluene

Concen: 43.570 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025274.D

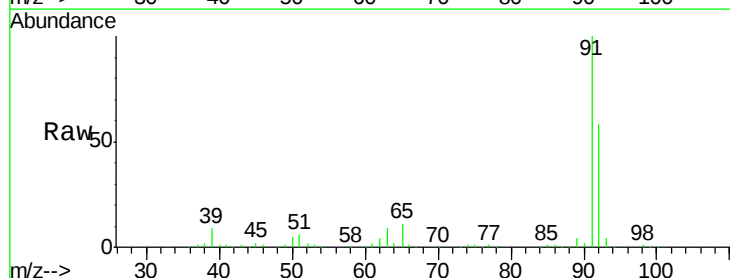
Acq: 09 Jul 2018 15:22

Tgt Ion: 92 Resp: 234119

Ion Ratio Lower Upper

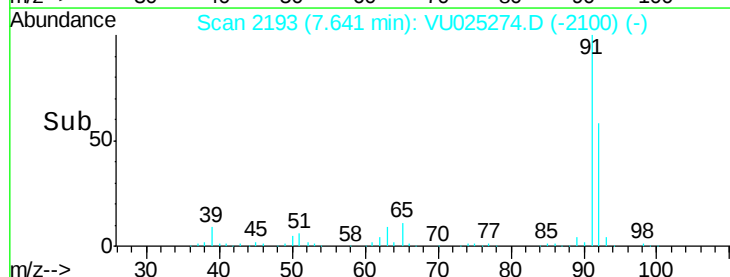
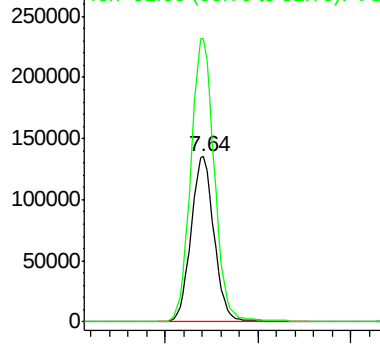
92 100

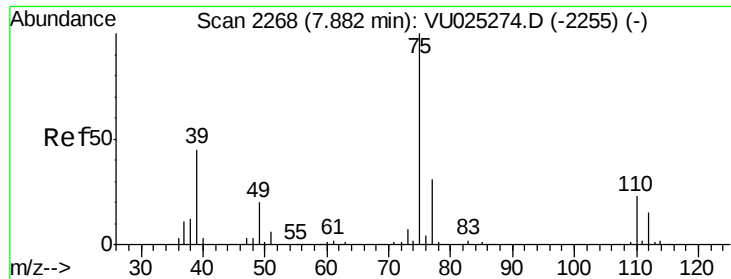
91 174.0 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

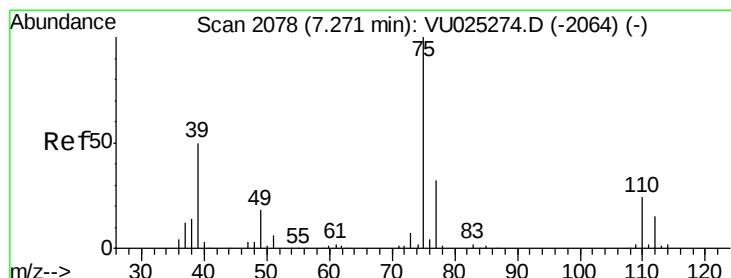
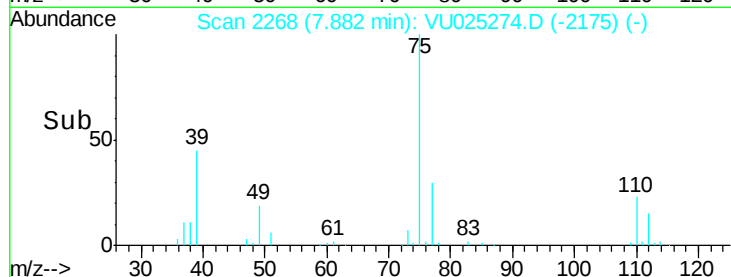
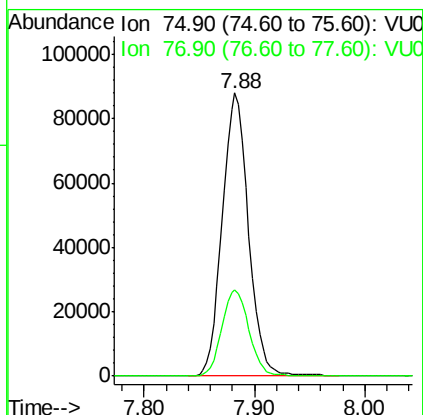
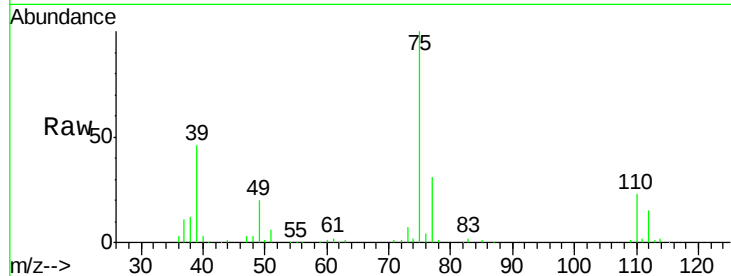




#53
 t-1,3-Dichloropropene
 Concen: 44.300 ug/l
 RT: 7.88 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: VU025274.D
 Acq: 09 Jul 2018 15:22

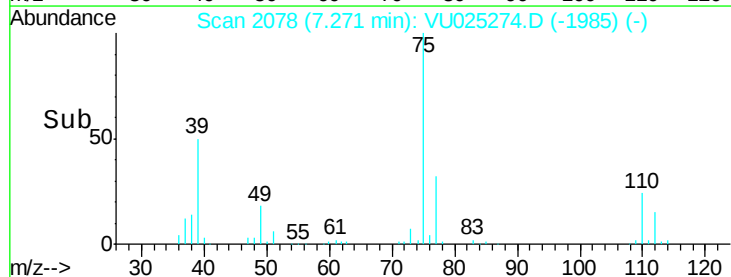
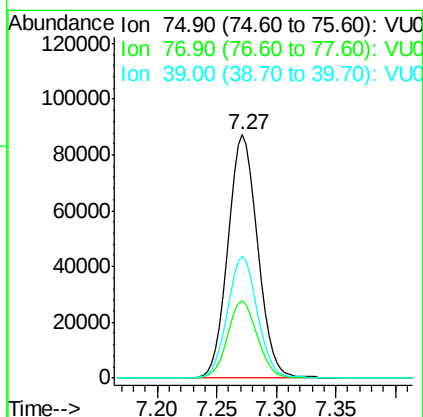
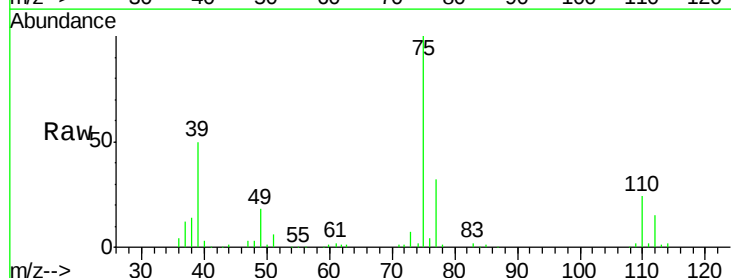
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

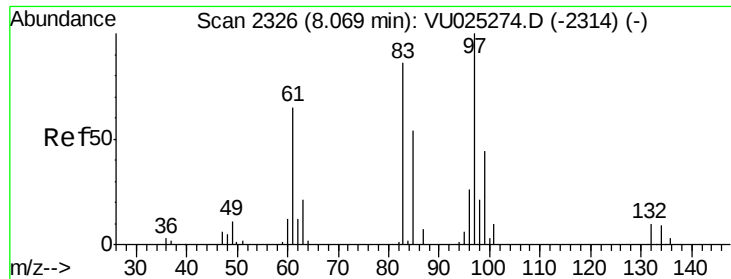
Tgt Ion: 75 Resp: 145560
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 43.343 ug/l
 RT: 7.27 min Scan# 2078
 Delta R.T. 0.00 min
 Lab File: VU025274.D
 Acq: 09 Jul 2018 15:22

Tgt Ion: 75 Resp: 151572
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.6 38.4
 39 50.0 40.0 60.0

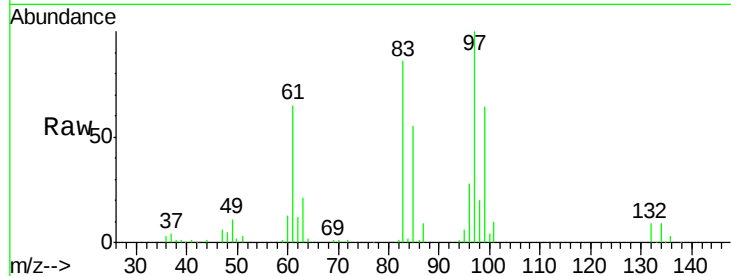




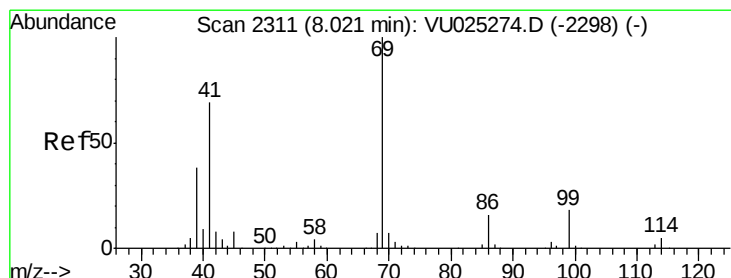
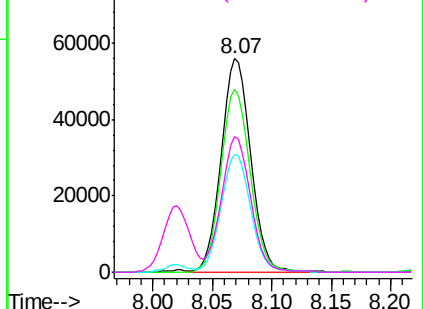
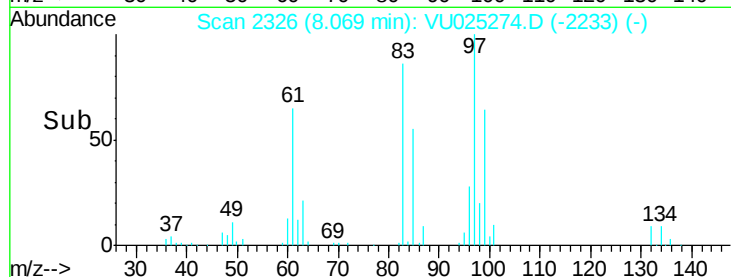
#55
 1,1,2-Trichloroethane
 Concen: 42.879 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU025274.D
 Acq: 09 Jul 2018 15:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Tgt Ion:	97	Resp:	95957
Ion	Ratio	Lower	Upper
97	100		
83	86.1	68.9	103.3
85	55.5	44.4	66.6
99	63.7	51.0	76.4

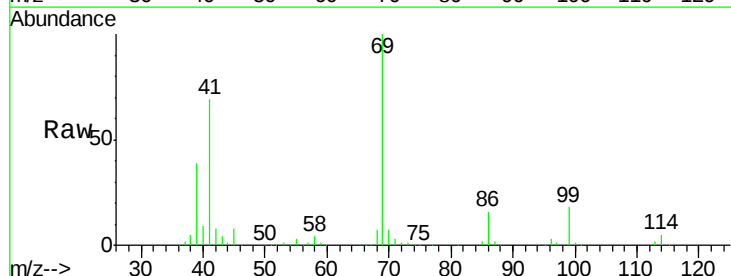


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

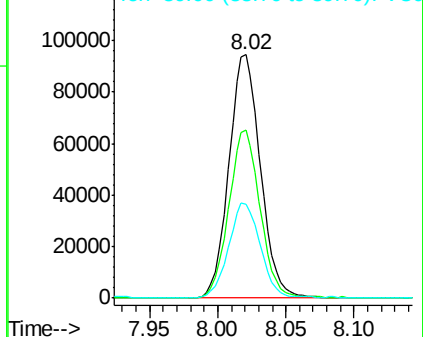
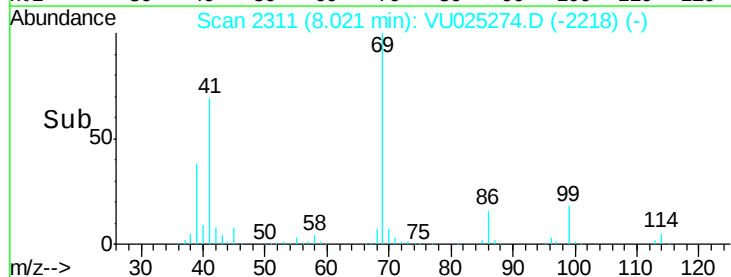


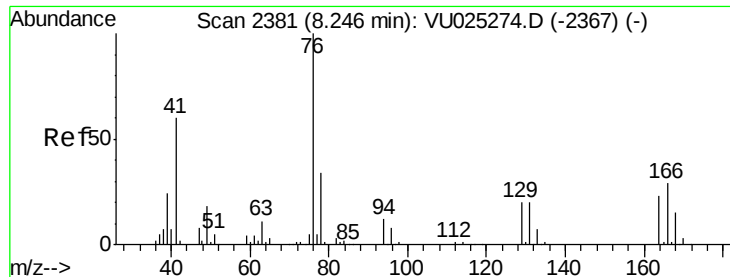
#56
 Ethyl methacrylate
 Concen: 43.458 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU025274.D
 Acq: 09 Jul 2018 15:22

Tgt Ion:	69	Resp:	151898
Ion	Ratio	Lower	Upper
69	100		
41	68.5	54.8	82.2
39	38.9	31.1	46.7



Abundance Ion 69.00 (68.70 to 69.70): VU0
 Ion 41.00 (40.70 to 41.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0

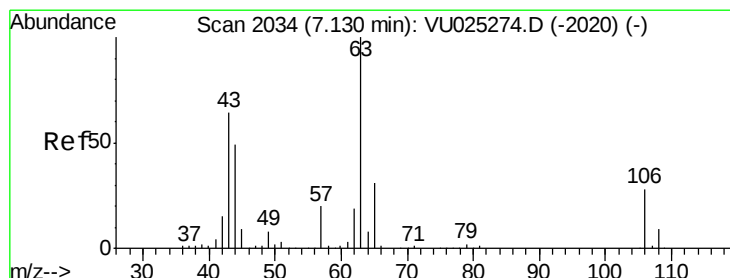
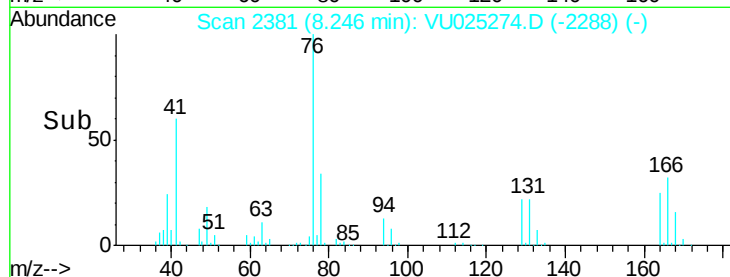
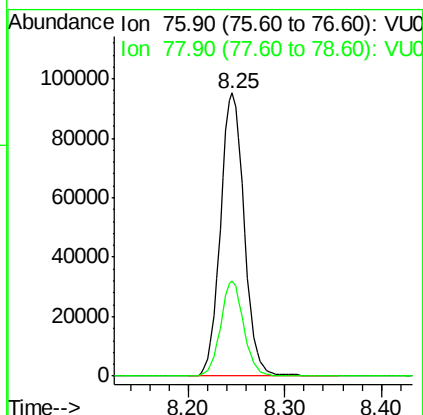
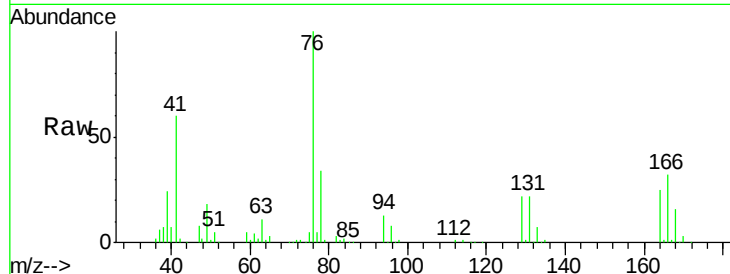




#57
 1,3-Dichloropropane
 Concen: 43.644 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU025274.D
 Acq: 09 Jul 2018 15:22

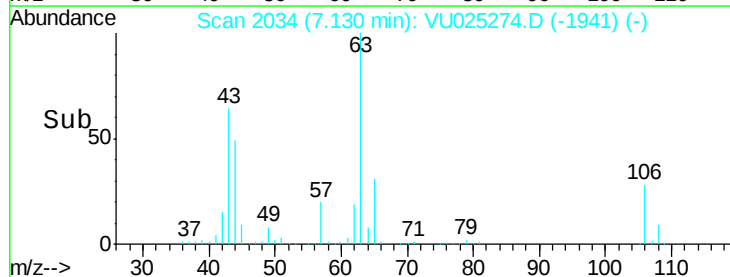
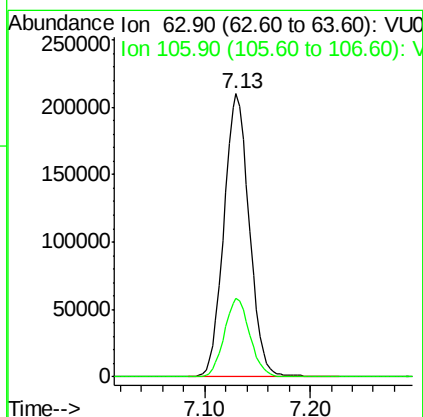
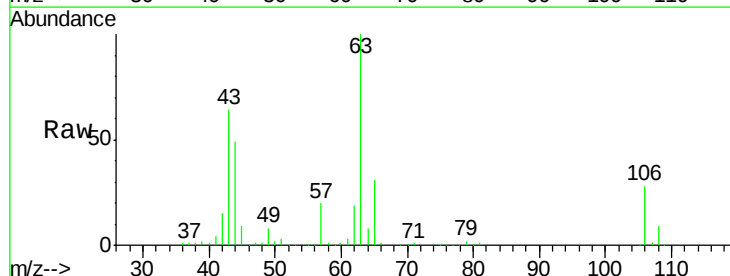
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

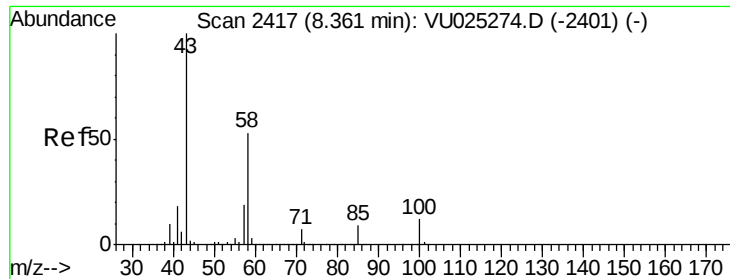
Tgt Ion: 76 Resp: 162142
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 283.131 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: VU025274.D
 Acq: 09 Jul 2018 15:22

Tgt Ion: 63 Resp: 349216
 Ion Ratio Lower Upper
 63 100
 106 27.9 22.3 33.5

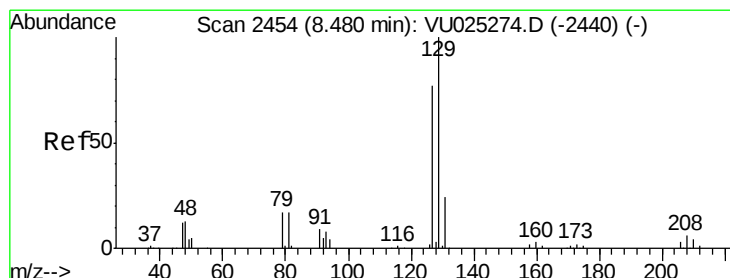
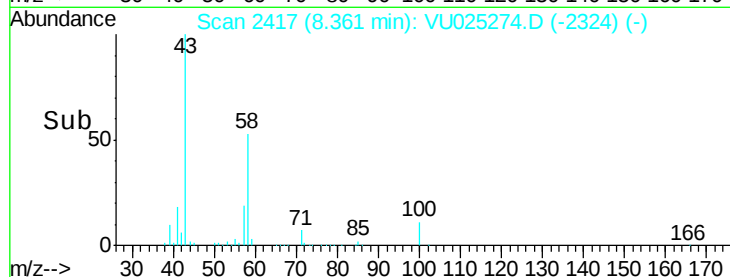
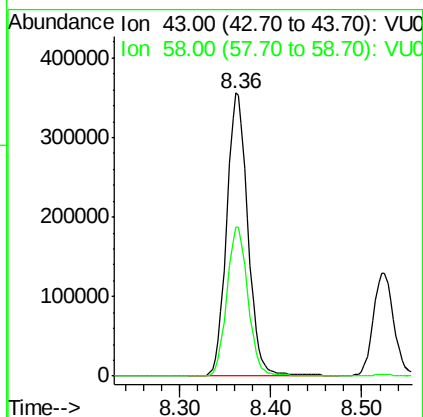
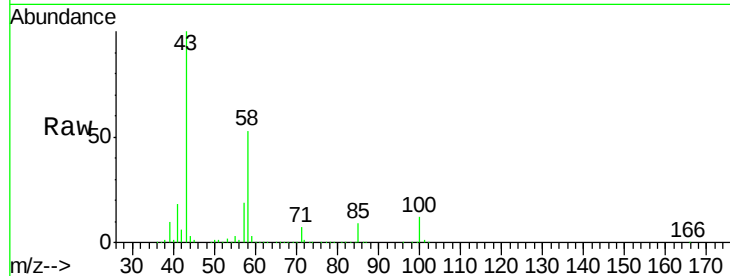




#59
2-Hexanone
Concen: 209.388 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. 0.00 min
Lab File: VU025274.D
Acq: 09 Jul 2018 15:22

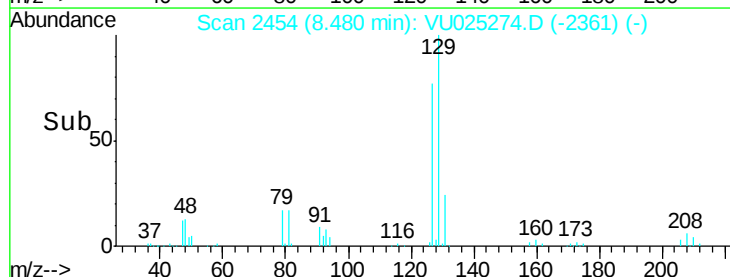
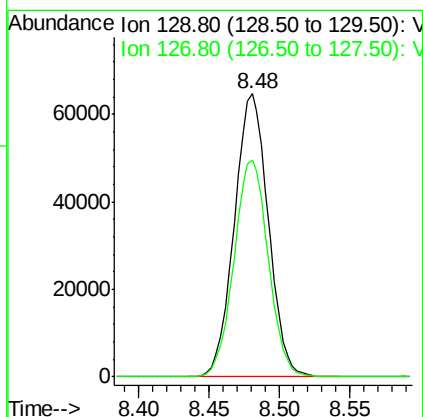
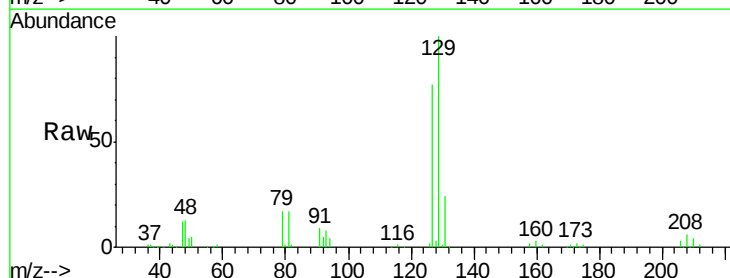
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

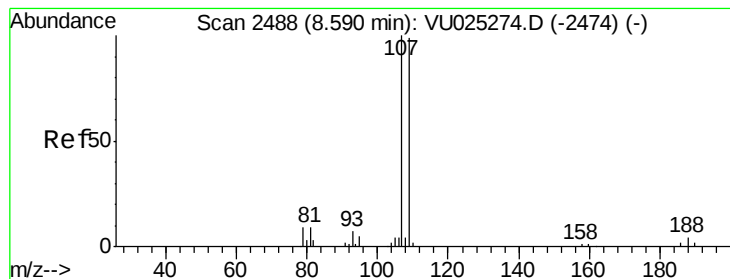
Tgt Ion: 43 Resp: 577790
Ion Ratio Lower Upper
43 100
58 52.3 26.2 78.5



#60
Dibromochloromethane
Concen: 45.253 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025274.D
Acq: 09 Jul 2018 15:22

Tgt Ion: 129 Resp: 109368
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8





#61

1,2-Dibromoethane

Concen: 44.049 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025274.D

Acq: 09 Jul 2018 15:22

Instrument :

MSVOA_U

ClientSampleId :

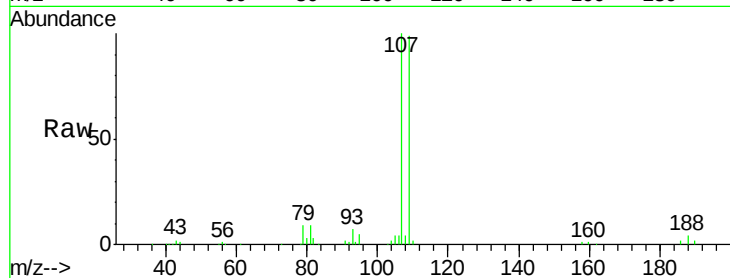
VSTDICCC050

Tgt Ion: 107 Resp: 105476

Ion Ratio Lower Upper

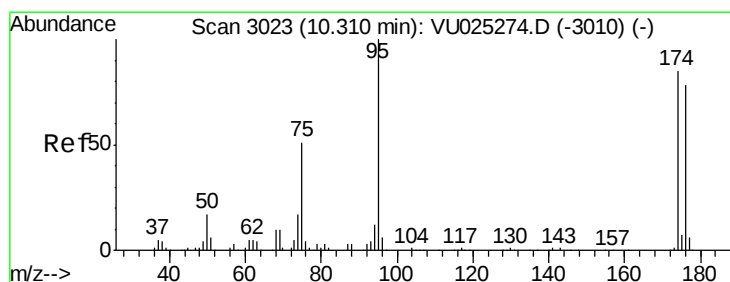
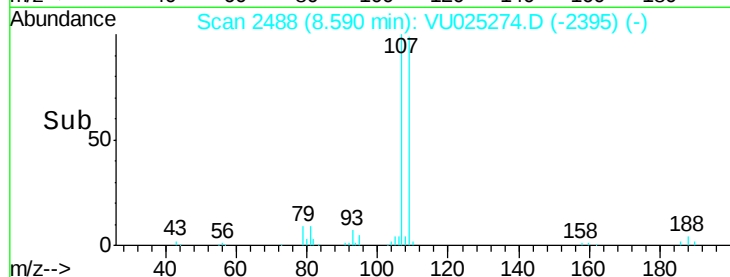
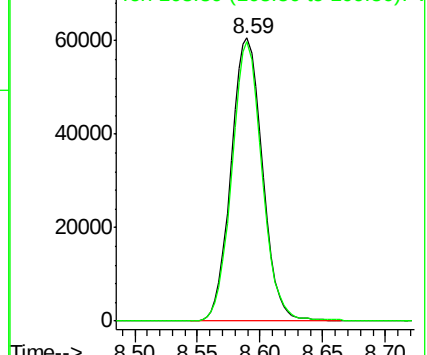
107 100

109 94.8 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.667 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025274.D

Acq: 09 Jul 2018 15:22

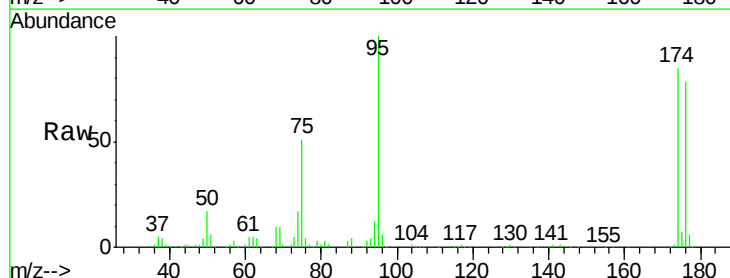
Tgt Ion: 95 Resp: 152276

Ion Ratio Lower Upper

95 100

174 86.1 0.0 172.2

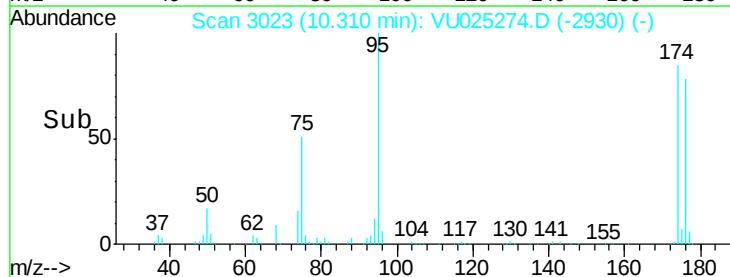
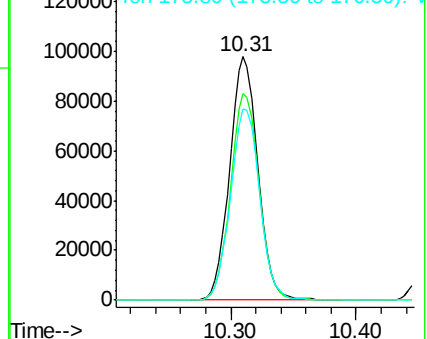
176 81.3 0.0 162.6

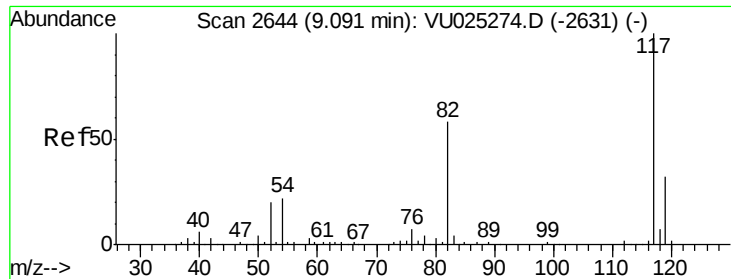


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

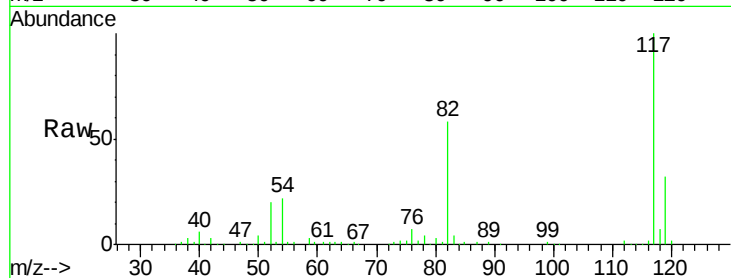




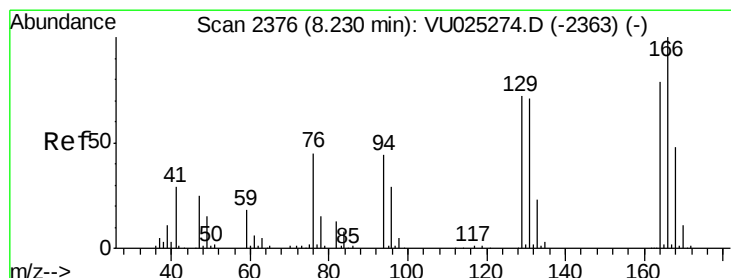
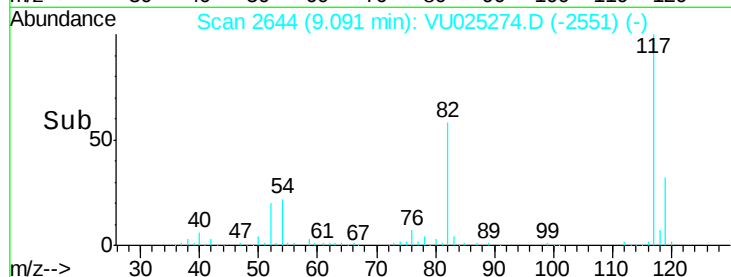
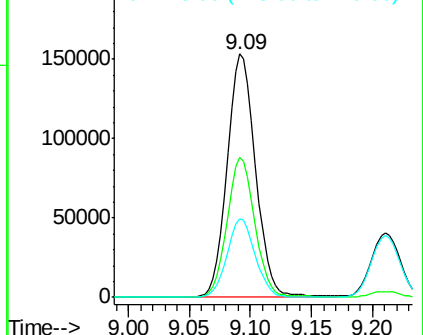
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025274.D
Acq: 09 Jul 2018 15:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 250450
Ion Ratio Lower Upper
117 100
82 57.5 46.0 69.0
119 32.5 26.0 39.0

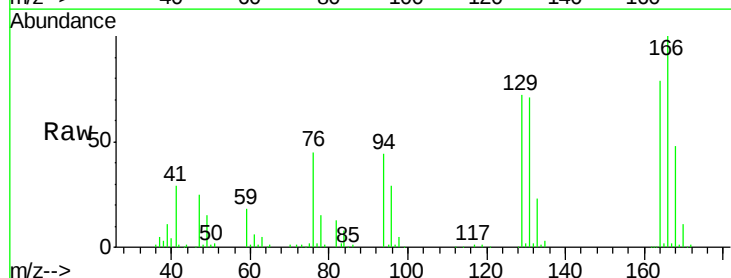


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

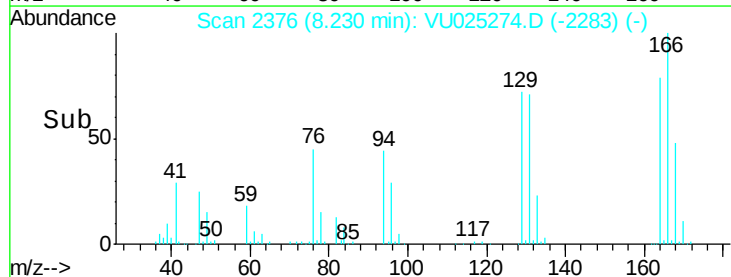
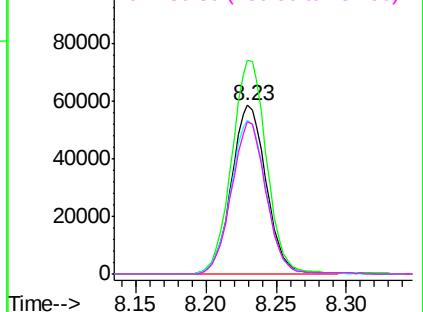


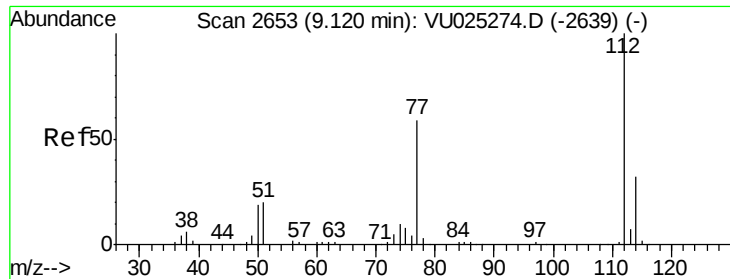
#64
Tetrachloroethene
Concen: 44.193 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025274.D
Acq: 09 Jul 2018 15:22

Tgt Ion:164 Resp: 100892
Ion Ratio Lower Upper
164 100
166 126.4 101.1 151.7
129 91.3 73.0 109.6
131 90.1 72.1 108.1



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

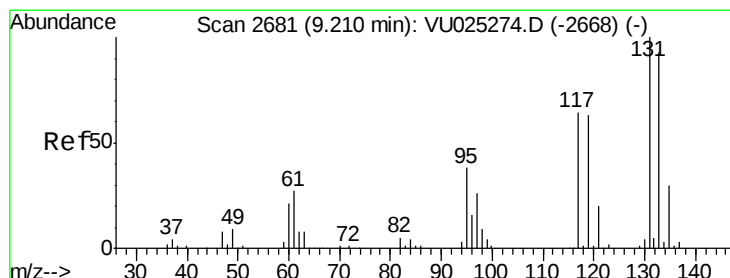
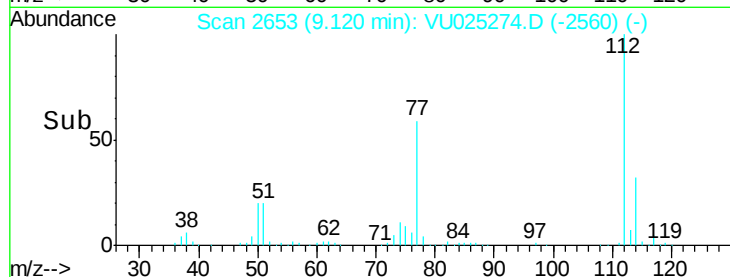
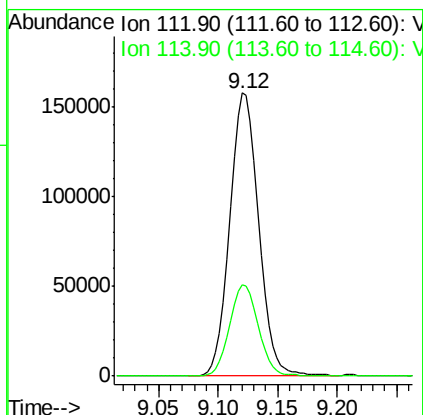
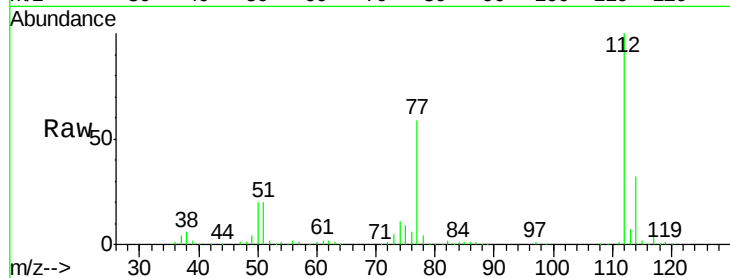




#65
Chlorobenzene
Concen: 42.617 ug/l
RT: 9.12 min Scan# 2653
Delta R.T. 0.00 min
Lab File: VU025274.D
Acq: 09 Jul 2018 15:22

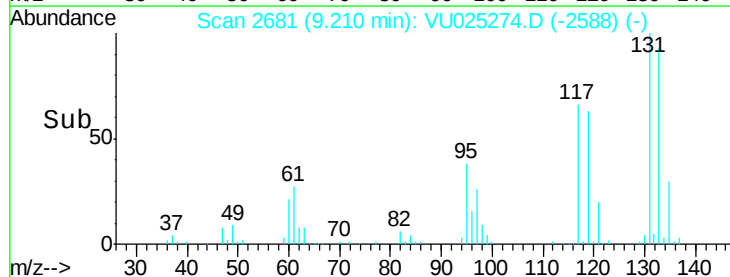
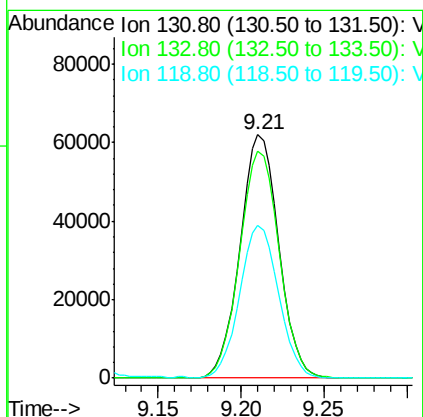
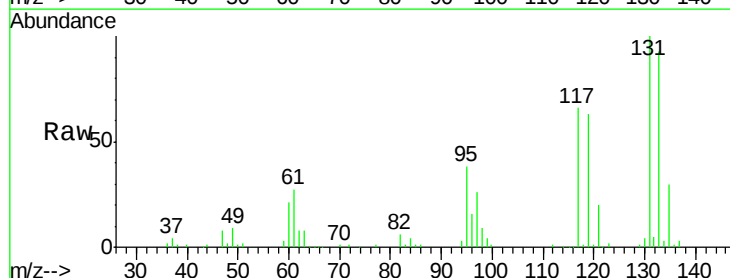
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

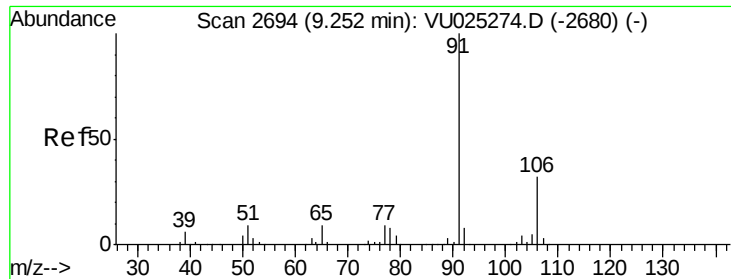
Tgt Ion:112 Resp: 266630
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 44.937 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU025274.D
Acq: 09 Jul 2018 15:22

Tgt Ion:131 Resp: 100571
Ion Ratio Lower Upper
131 100
133 95.5 47.8 143.3
119 63.3 31.6 95.0





#67

Ethyl Benzene

Concen: 43.242 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU025274.D

Acq: 09 Jul 2018 15:22

Instrument :

MSVOA_U

ClientSampleId :

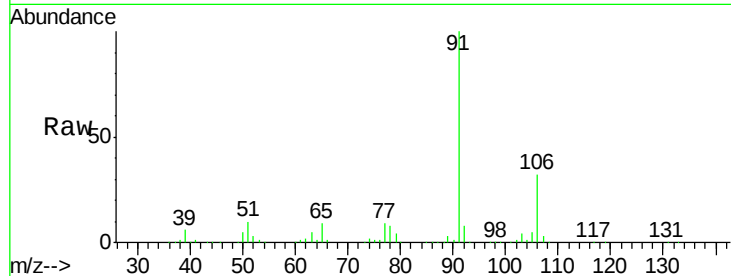
VSTDICCC050

Tgt Ion: 91 Resp: 461230

Ion Ratio Lower Upper

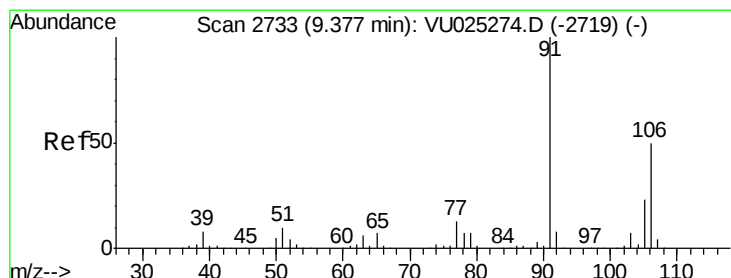
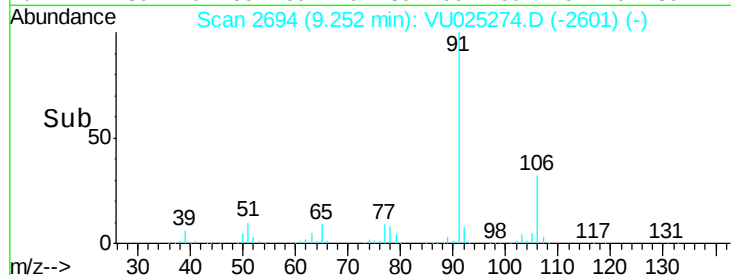
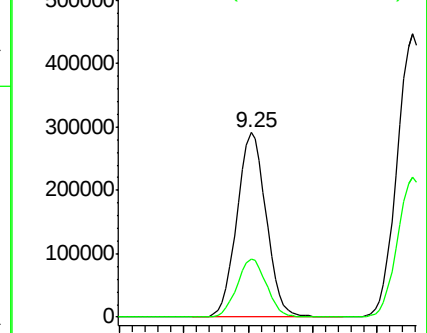
91 100

106 31.6 25.3 37.9



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 88.856 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU025274.D

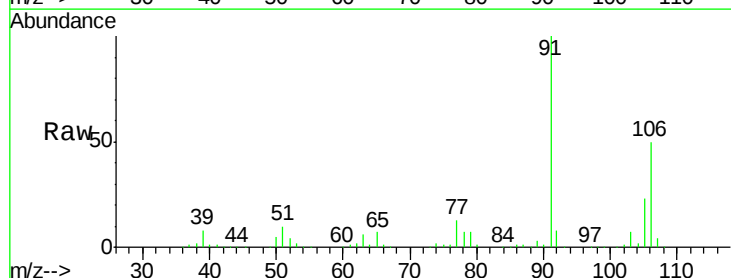
Acq: 09 Jul 2018 15:22

Tgt Ion: 106 Resp: 366416

Ion Ratio Lower Upper

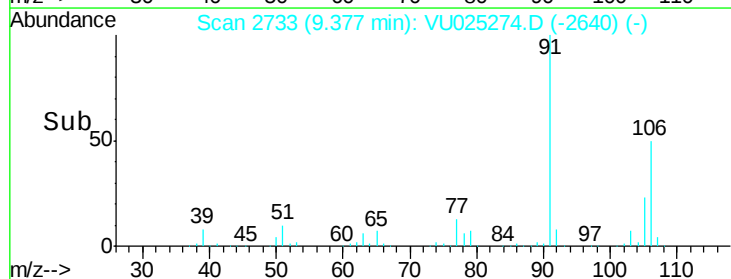
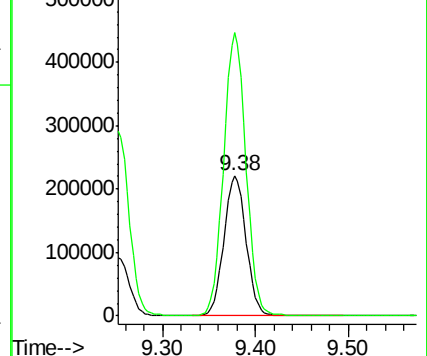
106 100

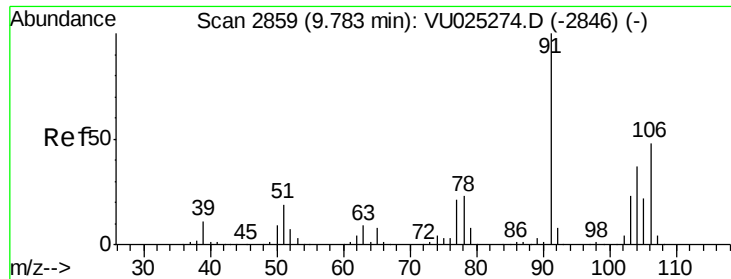
91 202.9 162.3 243.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

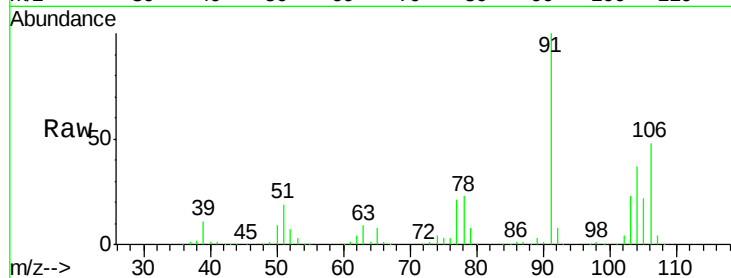




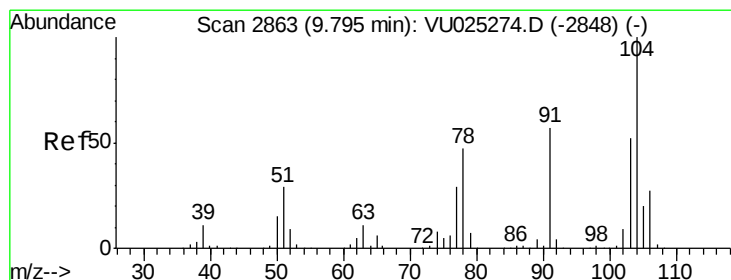
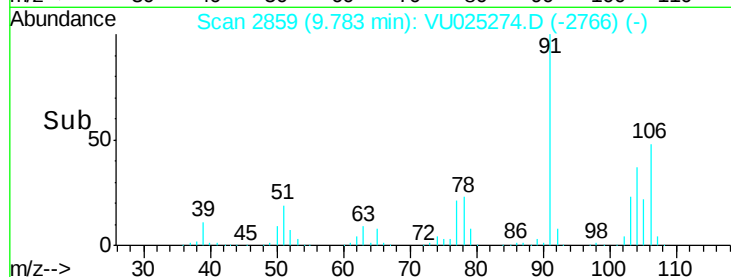
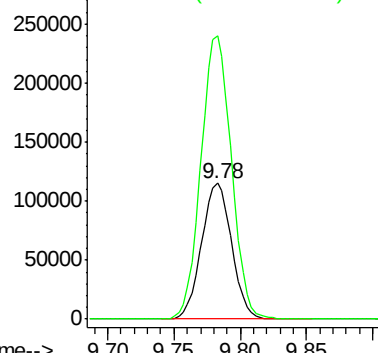
#69
o-Xylene
Concen: 44.078 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025274.D
Acq: 09 Jul 2018 15:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 181977
Ion Ratio Lower Upper
106 100
91 210.5 105.3 315.8

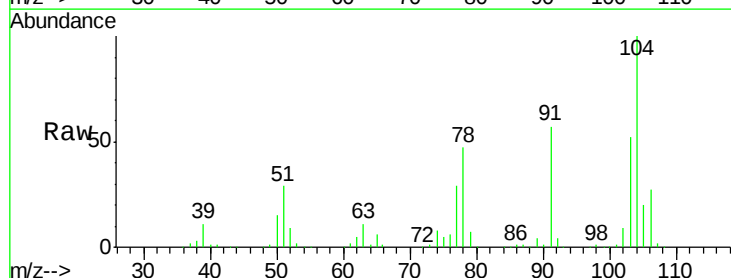


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

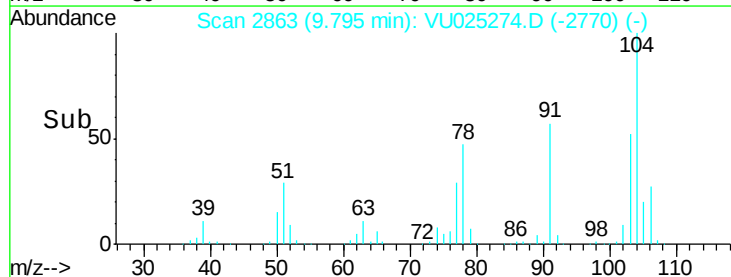
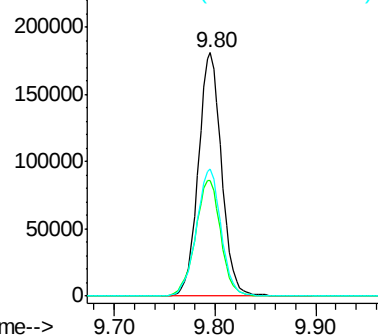


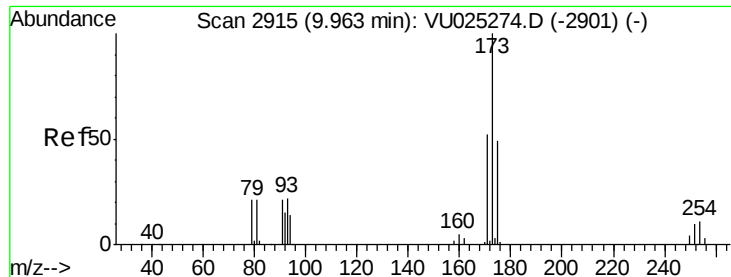
#70
Styrene
Concen: 44.345 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025274.D
Acq: 09 Jul 2018 15:22

Tgt Ion:104 Resp: 290811
Ion Ratio Lower Upper
104 100
78 52.0 41.6 62.4
103 55.7 44.6 66.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 44.240 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025274.D

Acq: 09 Jul 2018 15:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

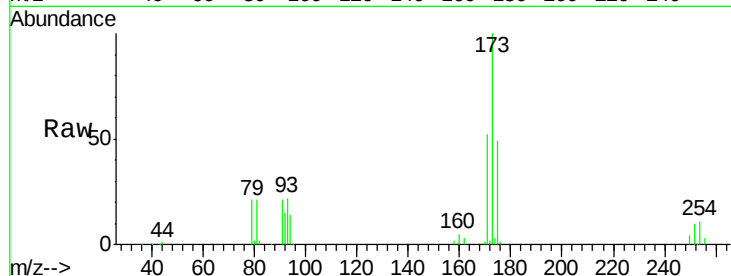
Tgt Ion:173 Resp: 85627

Ion Ratio Lower Upper

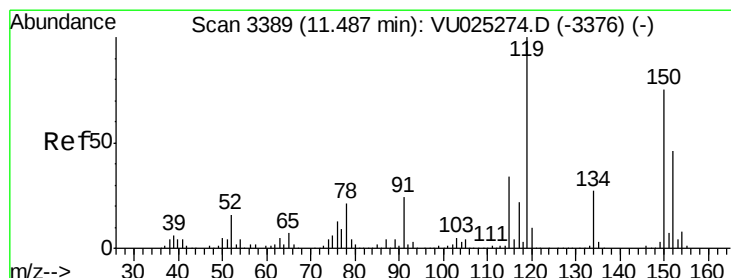
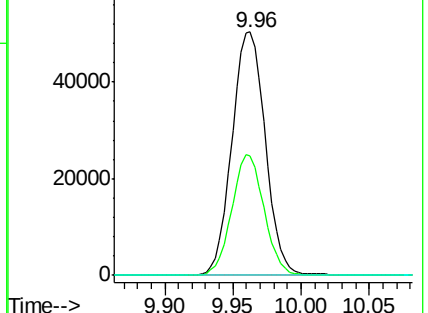
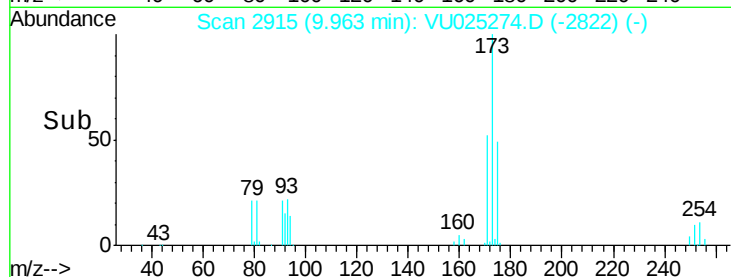
173 100

175 48.0 24.0 72.0

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025274.D

Acq: 09 Jul 2018 15:22

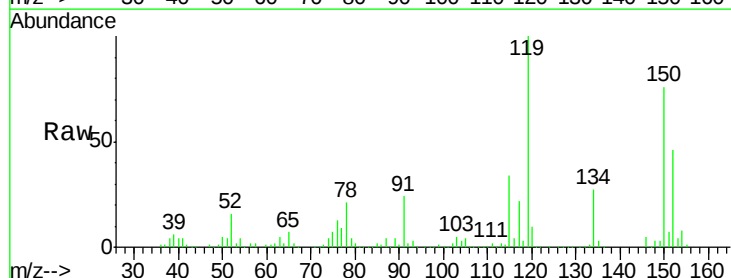
Tgt Ion:152 Resp: 149713

Ion Ratio Lower Upper

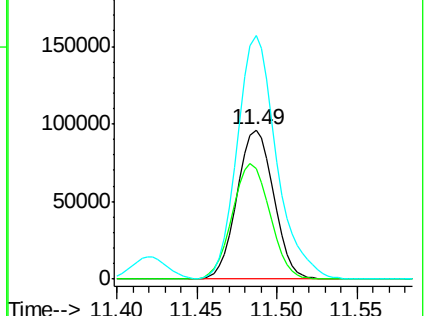
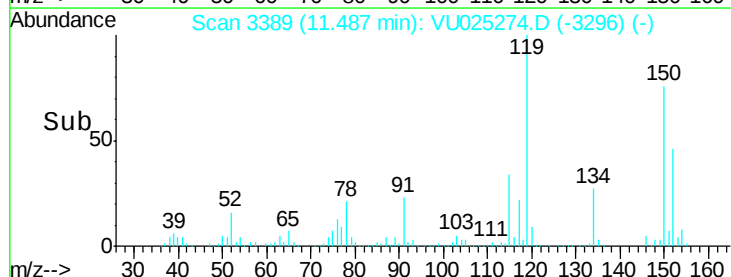
152 100

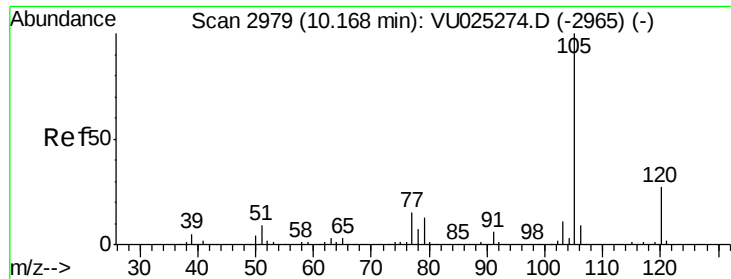
115 80.2 40.1 120.3

150 175.7 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 42.381 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025274.D

Acq: 09 Jul 2018 15:22

Instrument :

MSVOA_U

ClientSampleId :

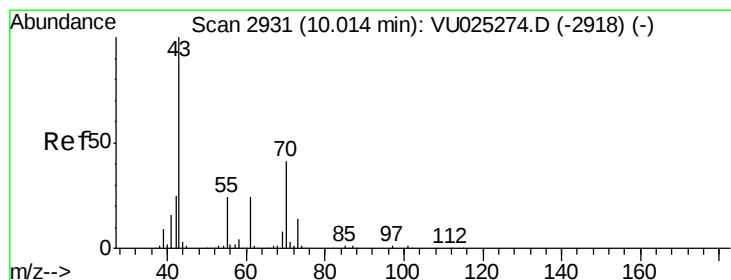
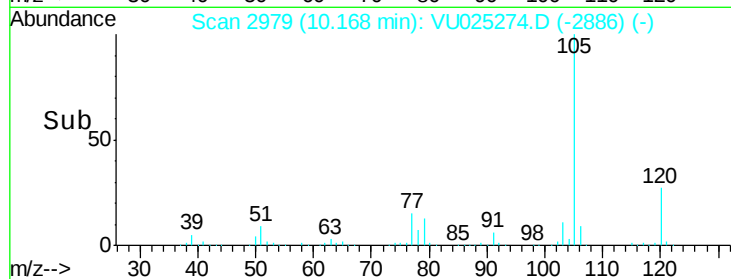
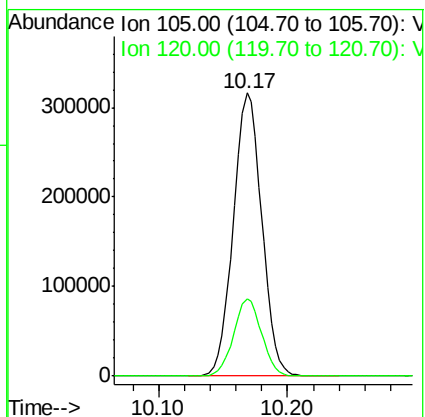
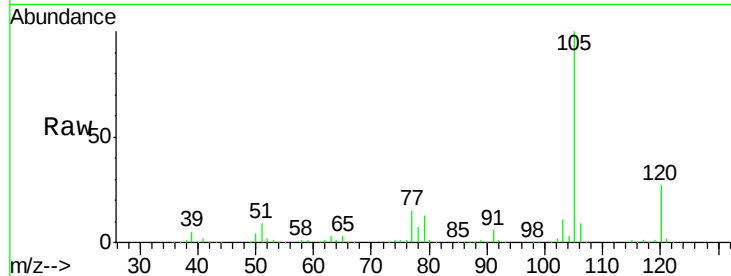
VSTDICCC050

Tgt Ion: 105 Resp: 484798

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5



#74

N-ethyl acetate

Concen: 40.654 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025274.D

Acq: 09 Jul 2018 15:22

Tgt Ion: 43 Resp: 201879

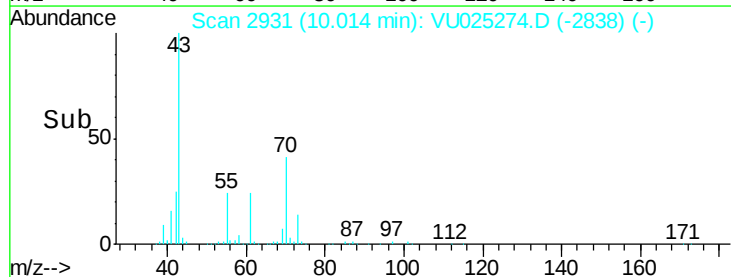
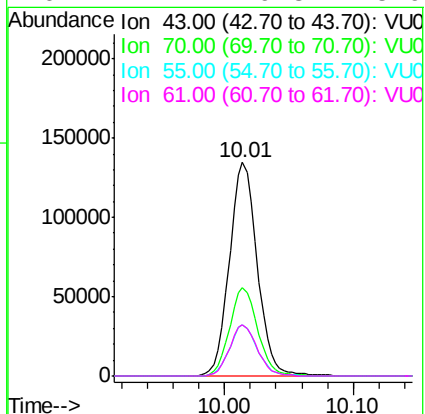
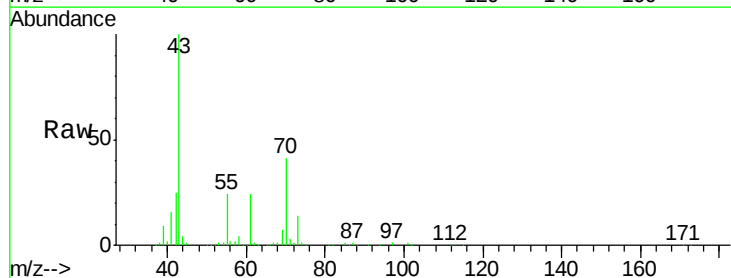
Ion Ratio Lower Upper

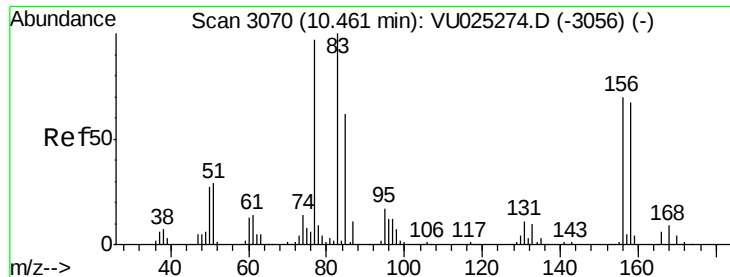
43 100

70 41.8 33.4 50.2

55 23.8 19.0 28.6

61 24.1 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 42.153 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025274.D

Acq: 09 Jul 2018 15:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

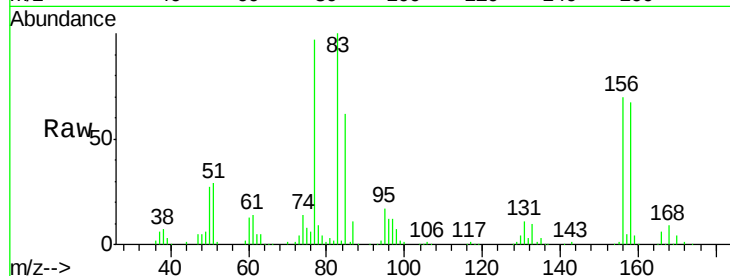
Tgt Ion: 83 Resp: 157753

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

85 63.2 31.6 94.8

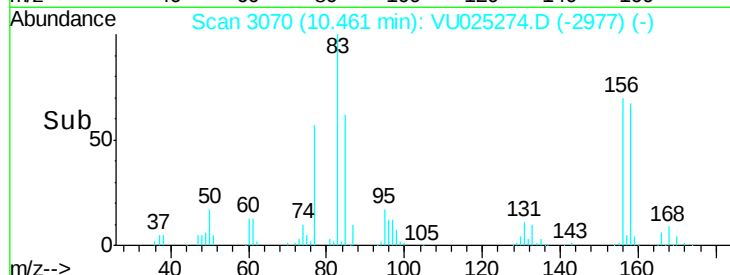


Abundance Ion 82.90 (82.60 to 83.60): VU025274.D (-3056) (-)

Ion 130.80 (130.50 to 131.50): VU025274.D (-3056) (-)

Ion 84.90 (84.60 to 85.60): VU025274.D (-3056) (-)

Time-->

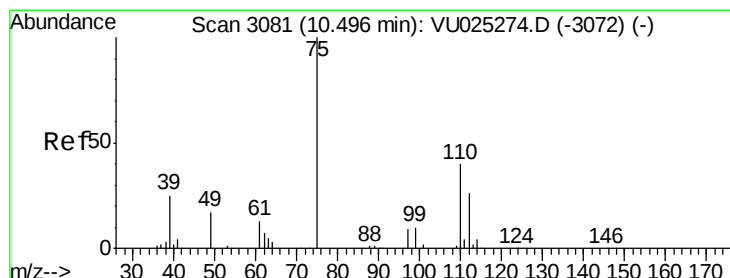


Abundance Ion 82.90 (82.60 to 83.60): VU025274.D (-3056) (-)

Ion 130.80 (130.50 to 131.50): VU025274.D (-3056) (-)

Ion 84.90 (84.60 to 85.60): VU025274.D (-3056) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 55.099 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025274.D

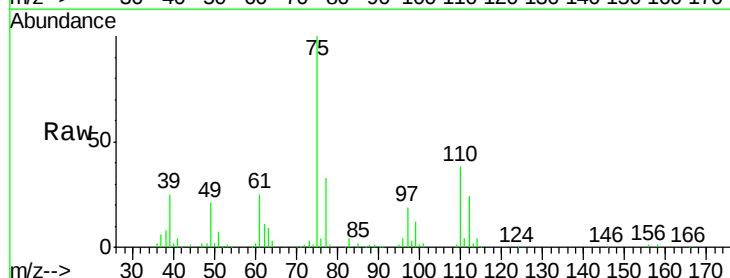
Acq: 09 Jul 2018 15:22

Tgt Ion: 75 Resp: 186077

Ion Ratio Lower Upper

75 100

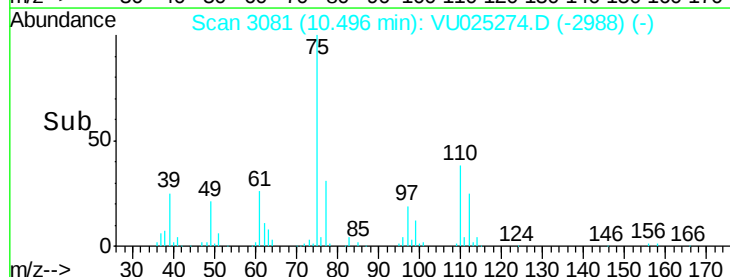
77 29.7 20.4 61.3



Abundance Ion 74.90 (74.60 to 75.60): VU025274.D (-3072) (-)

Ion 77.00 (76.70 to 77.70): VU025274.D (-3072) (-)

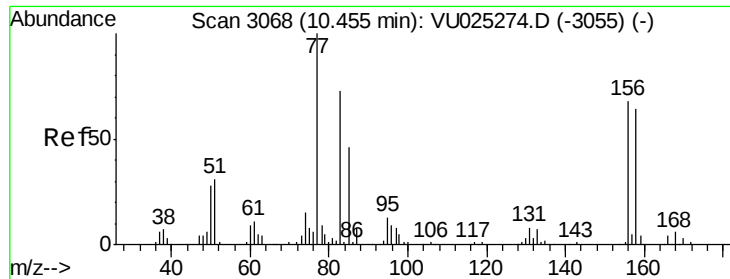
Time-->



Abundance Ion 74.90 (74.60 to 75.60): VU025274.D (-3072) (-)

Ion 77.00 (76.70 to 77.70): VU025274.D (-3072) (-)

Time-->



#77

Bromobenzene

Concen: 42.619 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU025274.D

Acq: 09 Jul 2018 15:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

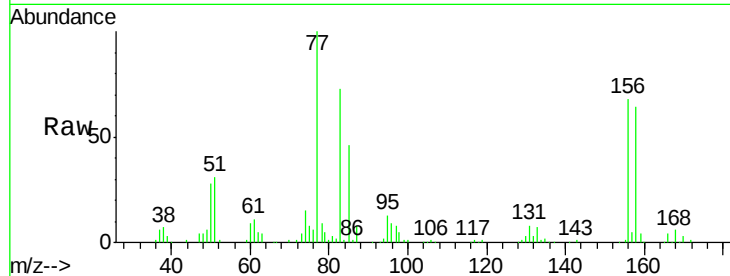
Tgt Ion:156 Resp: 124722

Ion Ratio Lower Upper

156 100

77 147.6 73.8 221.4

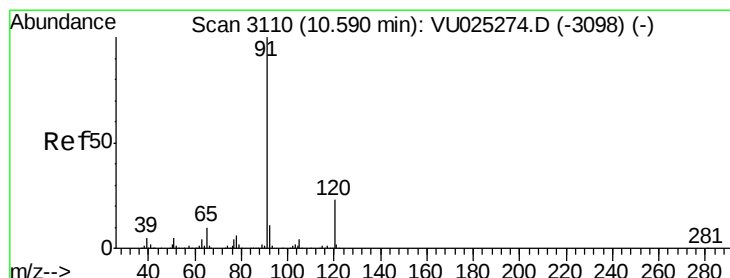
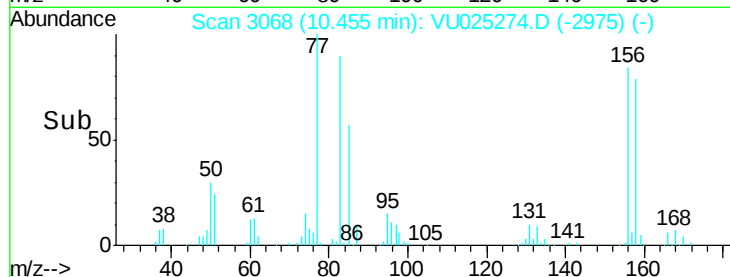
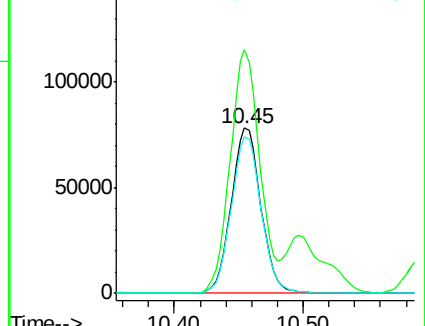
158 96.0 48.0 144.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 43.558 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025274.D

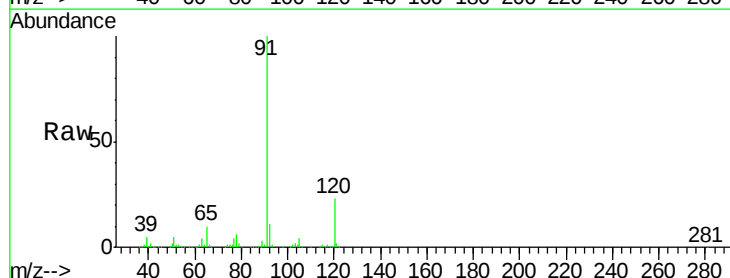
Acq: 09 Jul 2018 15:22

Tgt Ion: 91 Resp: 552889

Ion Ratio Lower Upper

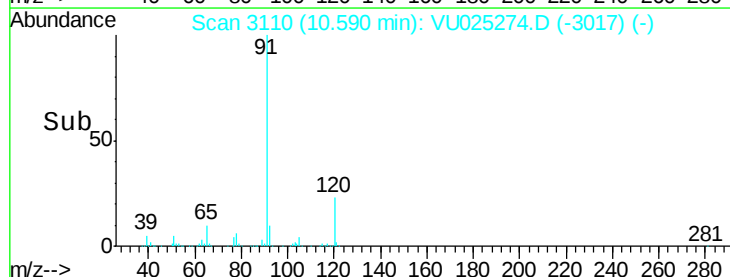
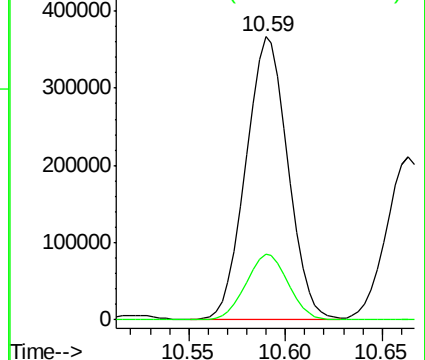
91 100

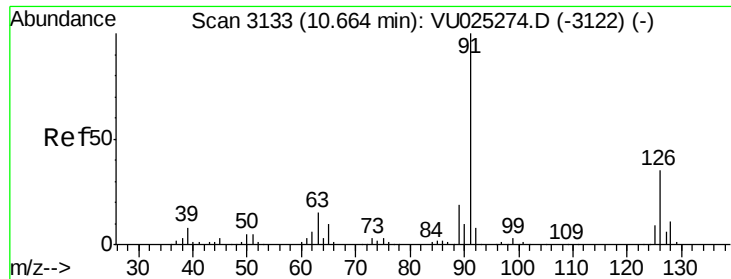
120 23.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

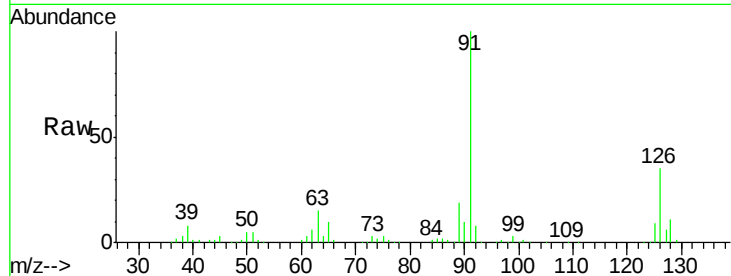




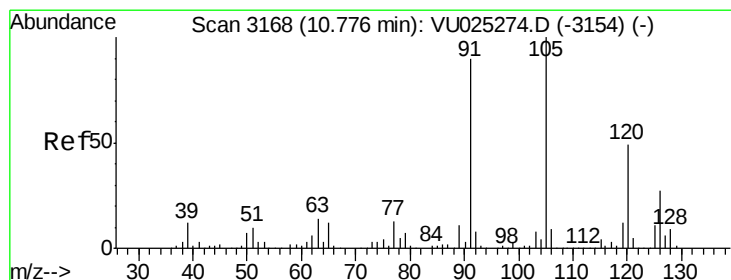
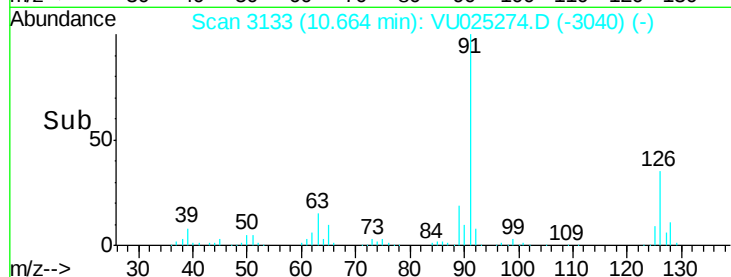
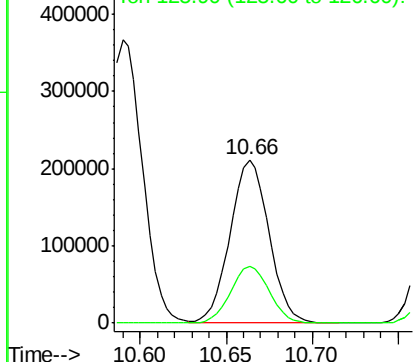
#79
 2-Chlorotoluene
 Concen: 41.612 ug/l
 RT: 10.66 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: VU025274.D
 Acq: 09 Jul 2018 15:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 91 Resp: 330555
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.5 52.6

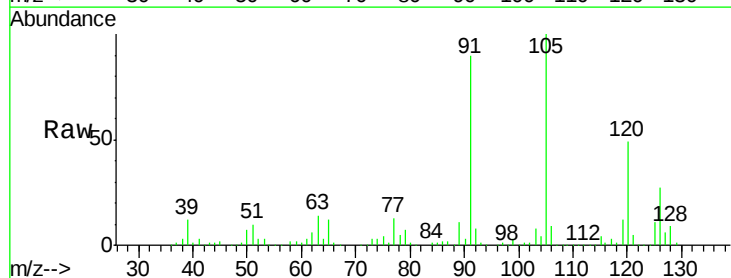


Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 125.90 (125.60 to 126.60): V

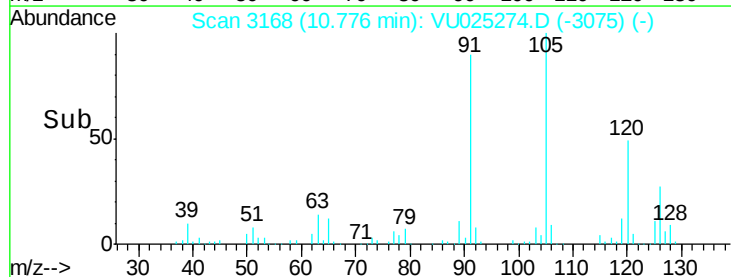
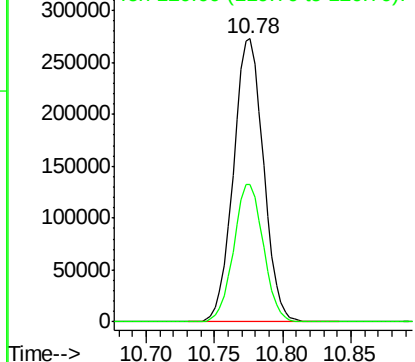


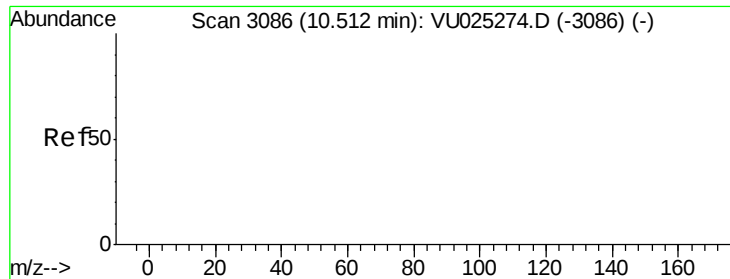
#80
 1,3,5-Trimethylbenzene
 Concen: 43.387 ug/l
 RT: 10.78 min Scan# 3168
 Delta R.T. 0.00 min
 Lab File: VU025274.D
 Acq: 09 Jul 2018 15:22

Tgt Ion: 105 Resp: 417608
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

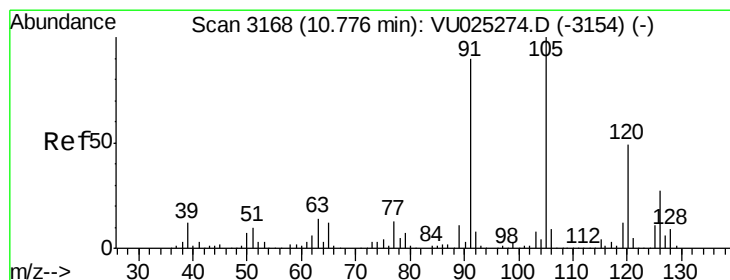
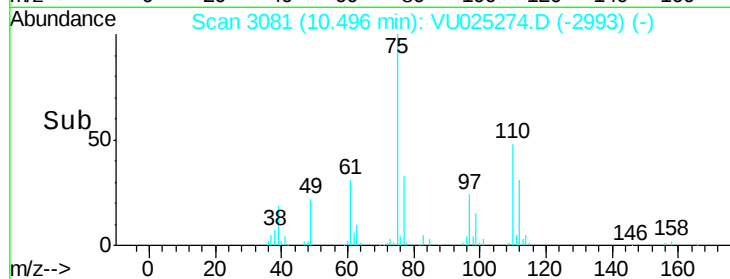
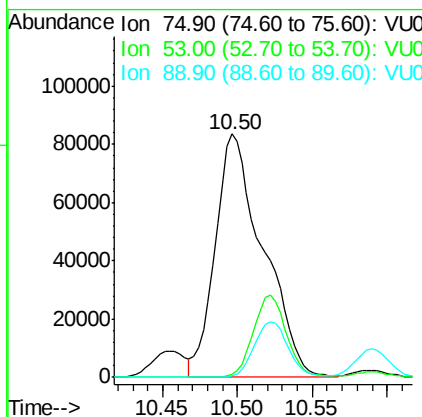
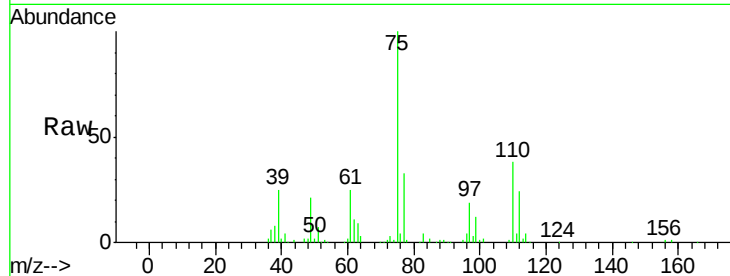




#81
trans-1,4-Dichloro-2-butene
Concen: 151.262 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VU025274.D
Acq: 09 Jul 2018 15:22

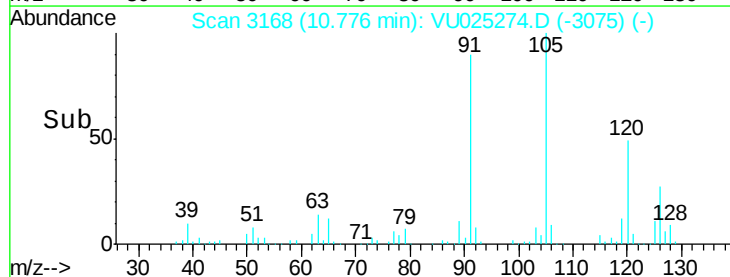
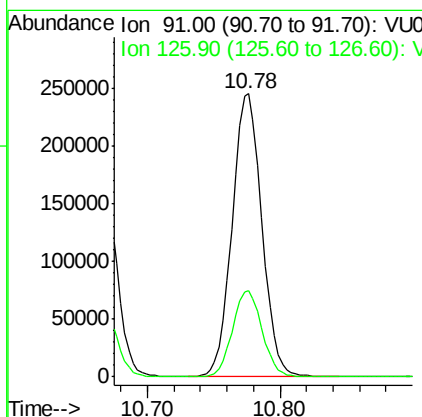
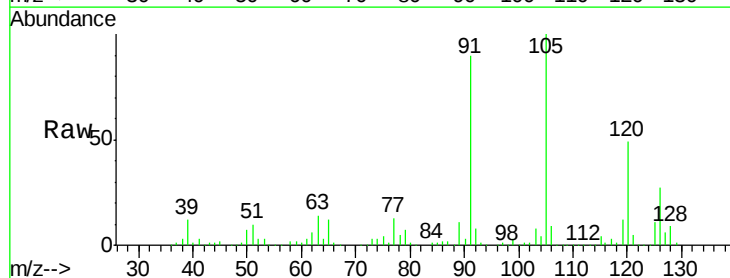
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

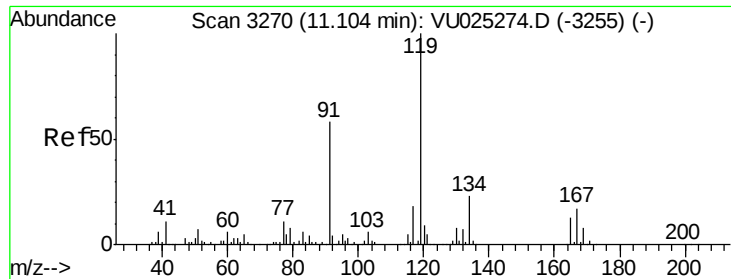
Tgt Ion: 75 Resp: 186077
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 42.300 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU025274.D
Acq: 09 Jul 2018 15:22

Tgt Ion: 91 Resp: 380197
Ion Ratio Lower Upper
91 100
126 30.6 15.3 45.9

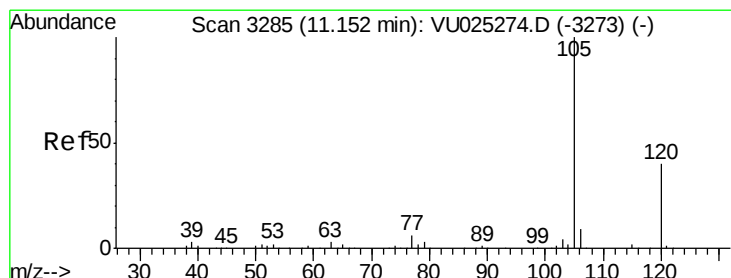
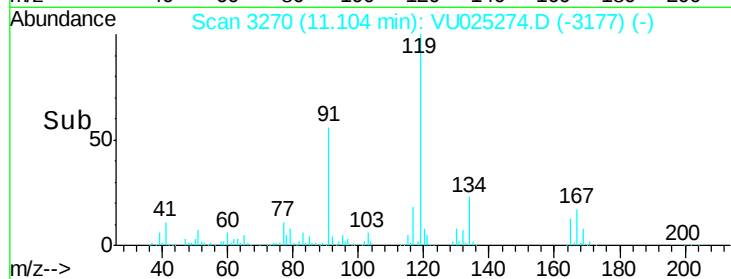
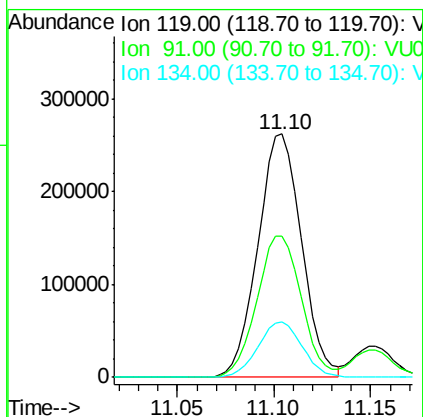
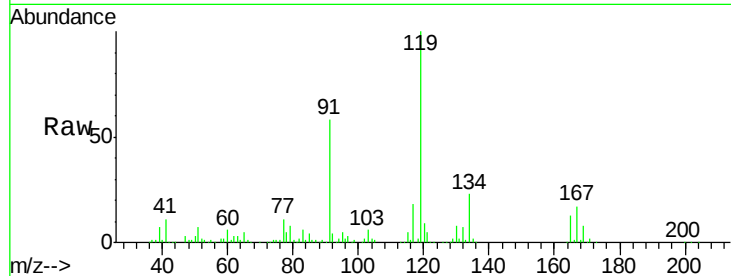




#83
 tert-Butylbenzene
 Concen: 42.354 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025274.D
 Acq: 09 Jul 2018 15:22

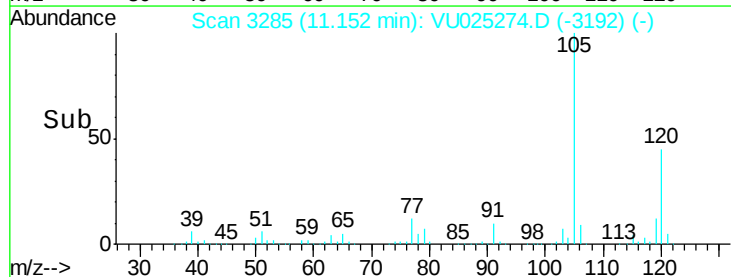
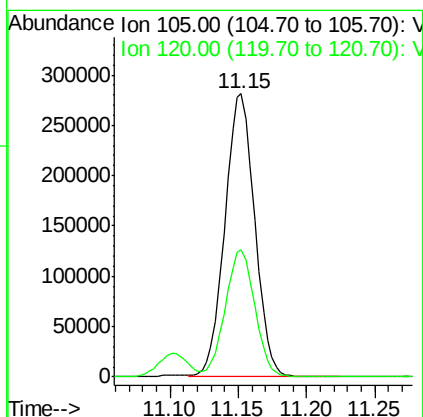
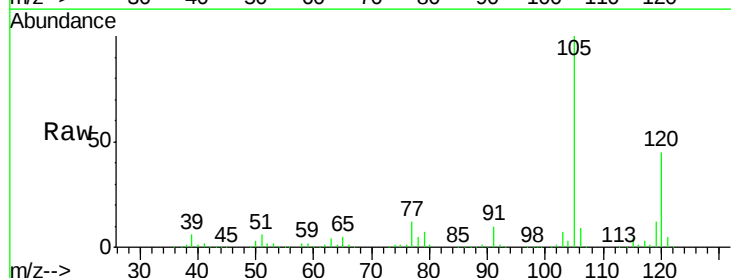
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

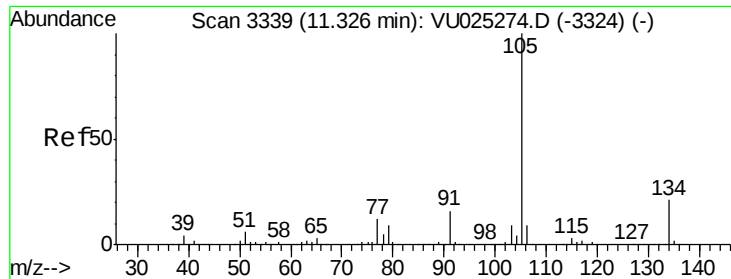
Tgt Ion:119 Resp: 411954
 Ion Ratio Lower Upper
 119 100
 91 59.4 29.7 89.1
 134 23.0 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 43.329 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025274.D
 Acq: 09 Jul 2018 15:22

Tgt Ion:105 Resp: 427427
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.3 66.8

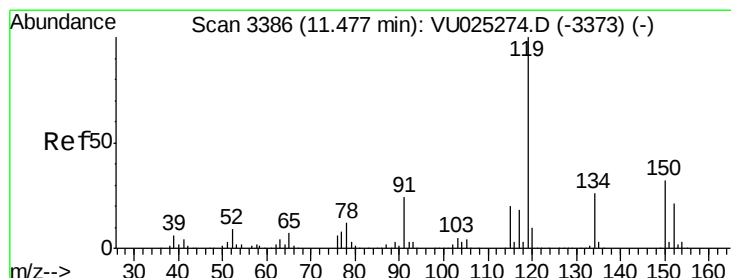
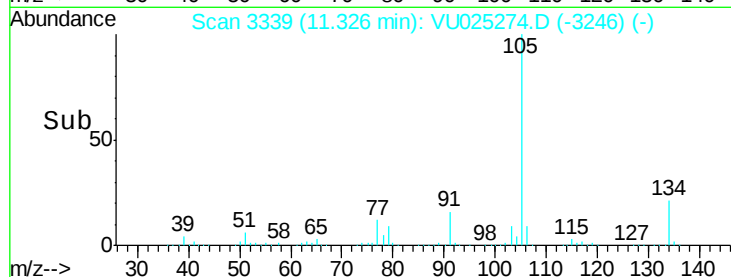
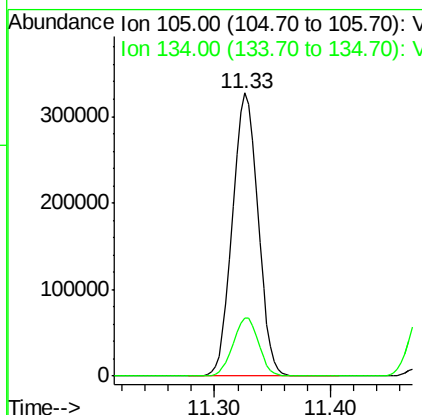
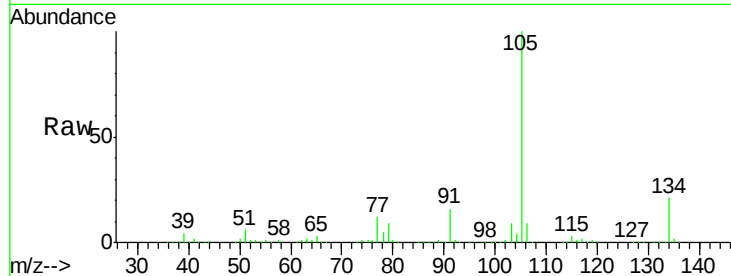




#85
 sec-Butylbenzene
 Concen: 43.418 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU025274.D
 Acq: 09 Jul 2018 15:22

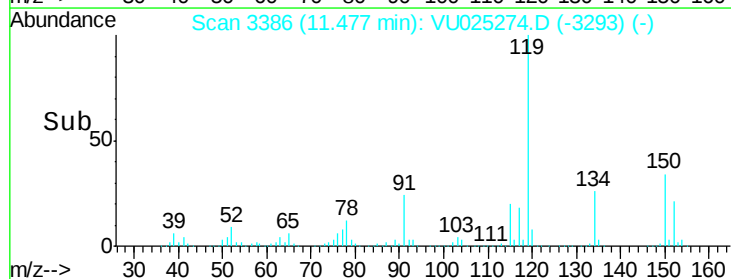
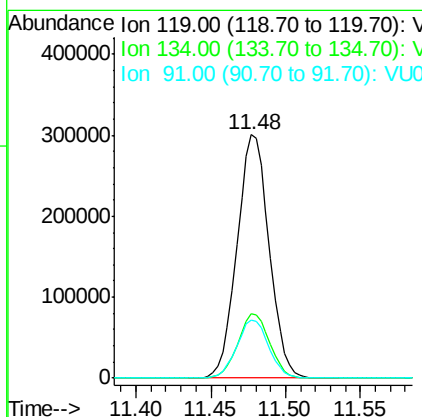
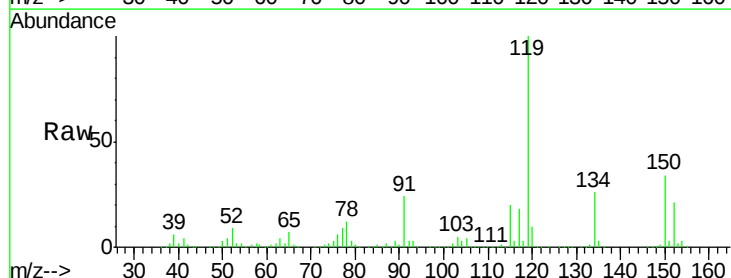
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

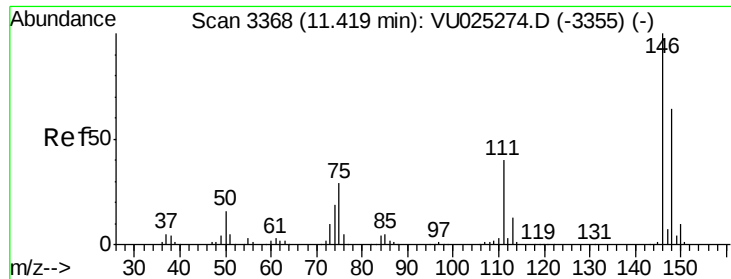
Tgt Ion:105 Resp: 497243
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 44.011 ug/l
 RT: 11.48 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU025274.D
 Acq: 09 Jul 2018 15:22

Tgt Ion:119 Resp: 446300
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.5
 91 24.1 12.0 36.1

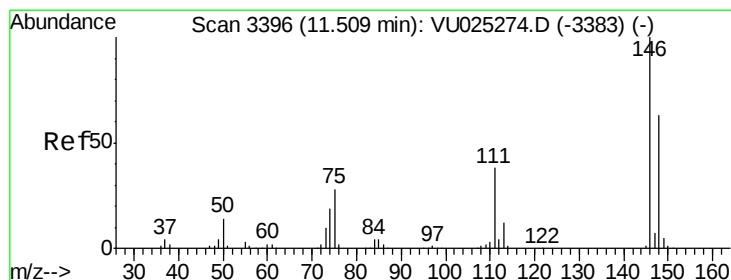
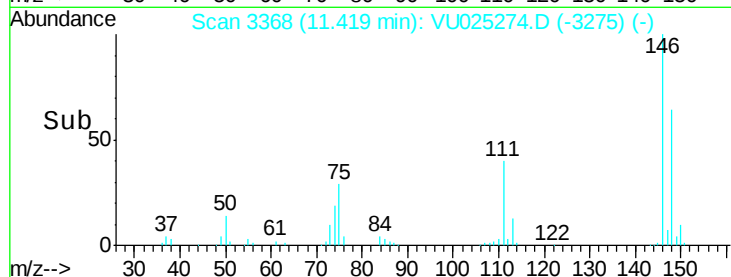
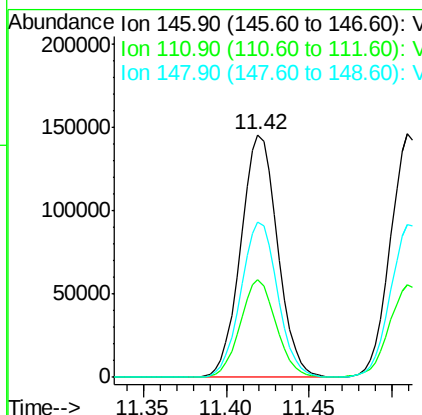
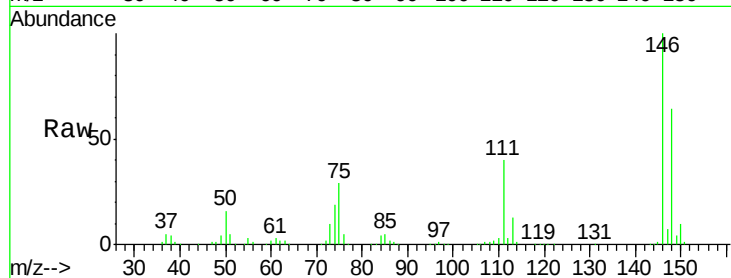




#87
 1,3-Dichlorobenzene
 Concen: 41.949 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU025274.D
 Acq: 09 Jul 2018 15:22

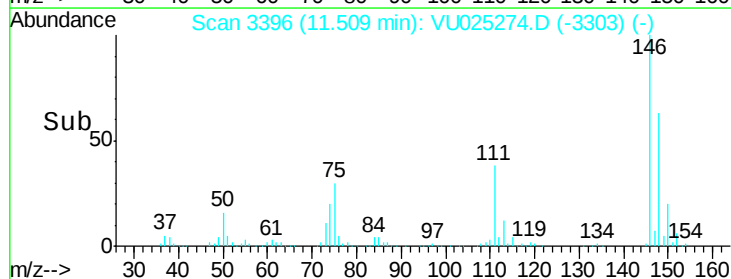
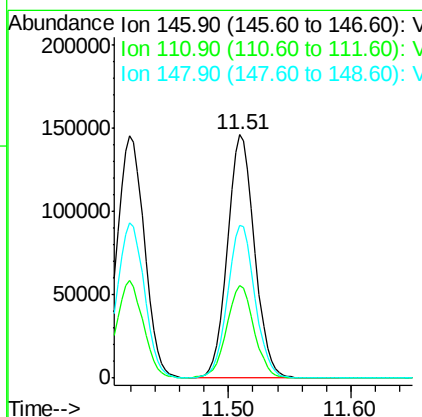
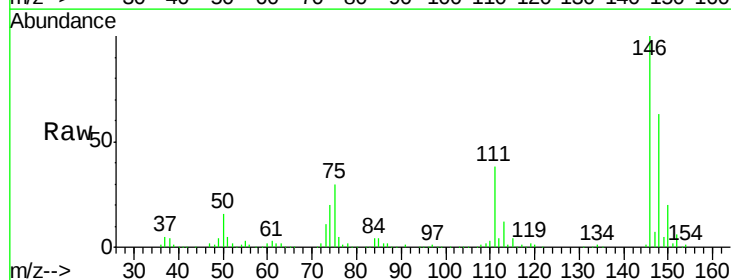
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

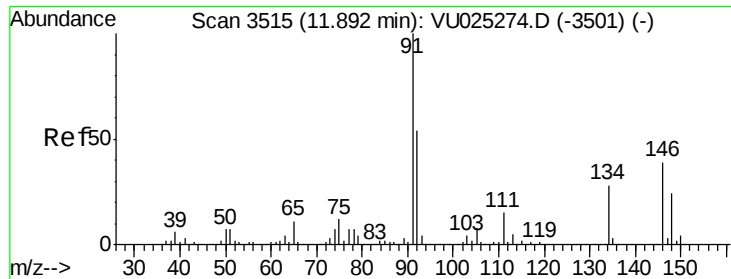
Tgt Ion:146 Resp: 224355
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.7 59.1
 148 64.2 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 41.339 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025274.D
 Acq: 09 Jul 2018 15:22

Tgt Ion:146 Resp: 227080
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.4 58.1
 148 63.4 31.7 95.1

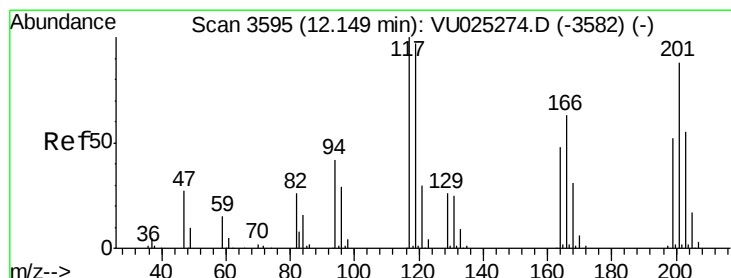
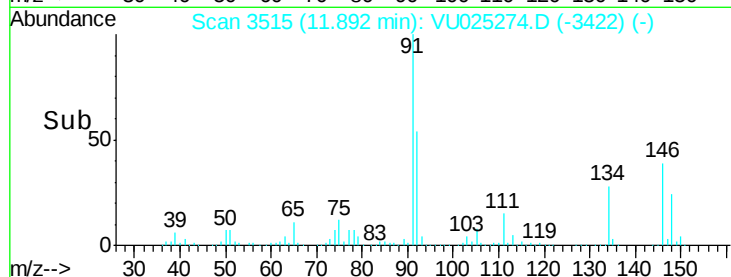
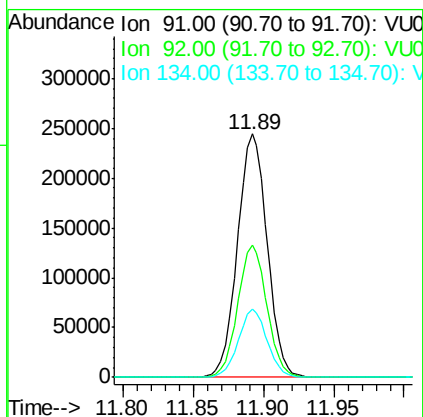
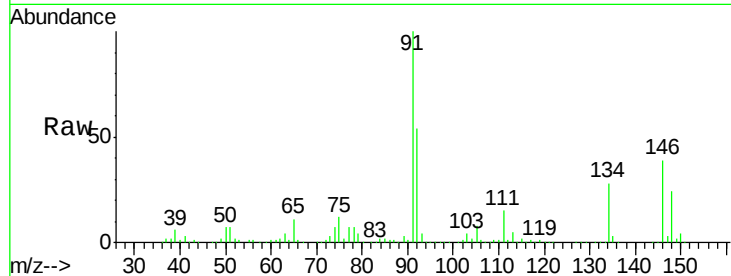




#89
n-Butylbenzene
Concen: 43.303 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU025274.D
Acq: 09 Jul 2018 15:22

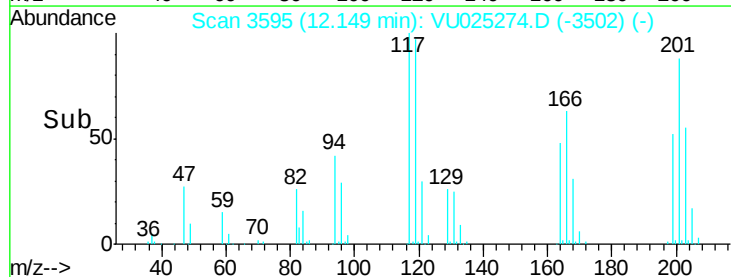
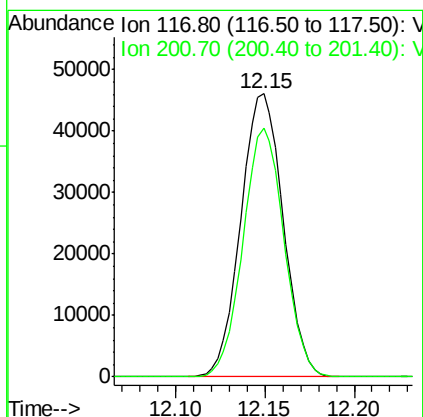
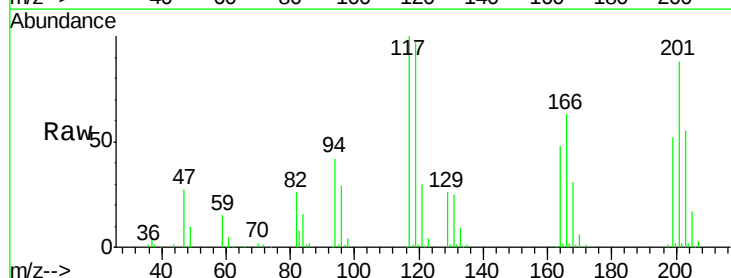
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

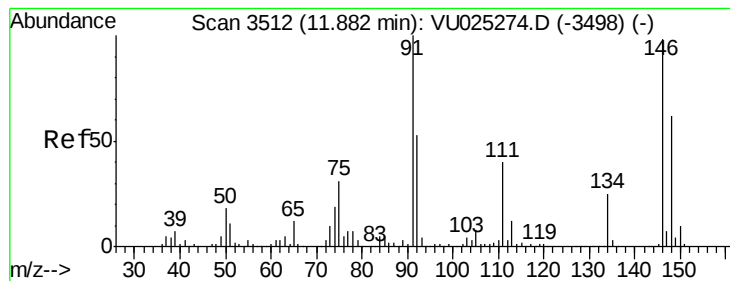
Tgt Ion: 91 Resp: 360973
Ion Ratio Lower Upper
91 100
92 53.0 26.5 79.5
134 27.1 13.6 40.7



#90
Hexachloroethane
Concen: 44.467 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU025274.D
Acq: 09 Jul 2018 15:22

Tgt Ion: 117 Resp: 76352
Ion Ratio Lower Upper
117 100
201 85.1 42.5 127.6





#91

1,2-Dichlorobenzene

Concen: 42.640 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU025274.D

Acq: 09 Jul 2018 15:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

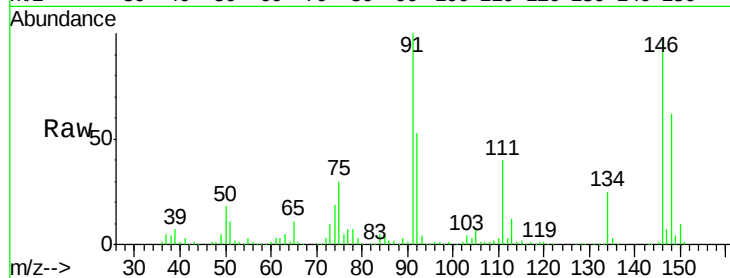
Tgt Ion: 146 Resp: 230314

Ion Ratio Lower Upper

146 100

111 41.2 20.6 61.8

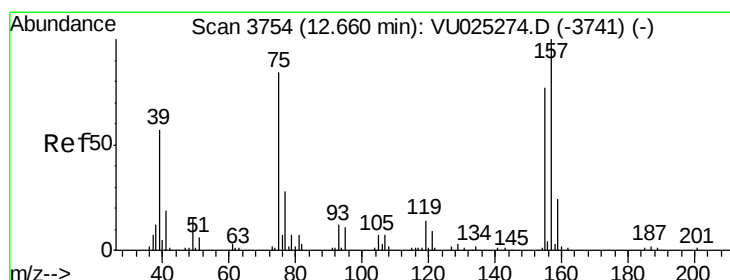
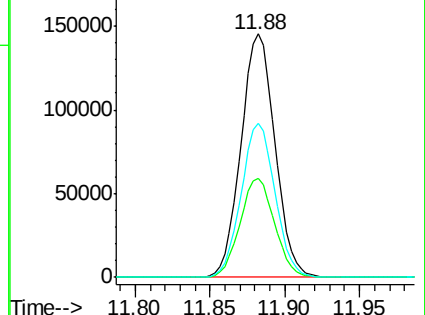
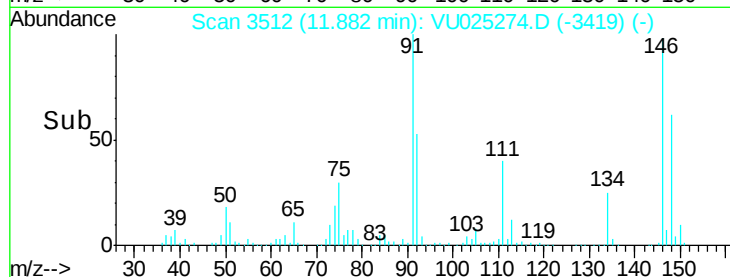
148 63.0 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.310 ug/l

RT: 12.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VU025274.D

Acq: 09 Jul 2018 15:22

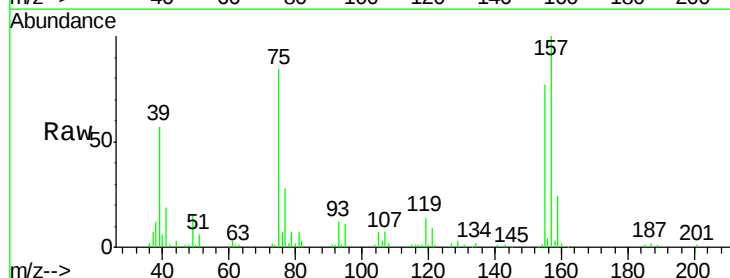
Tgt Ion: 75 Resp: 39311

Ion Ratio Lower Upper

75 100

155 88.9 44.5 133.3

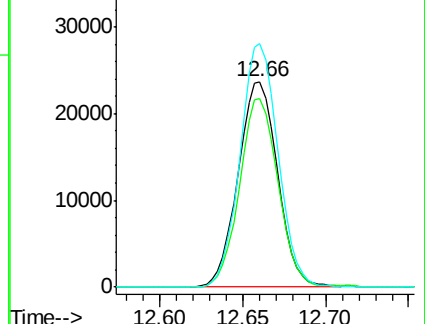
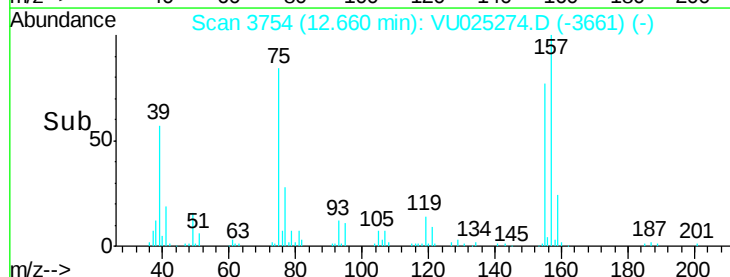
157 113.9 57.0 170.8

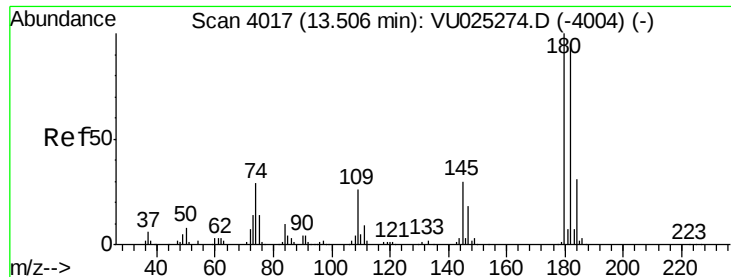


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

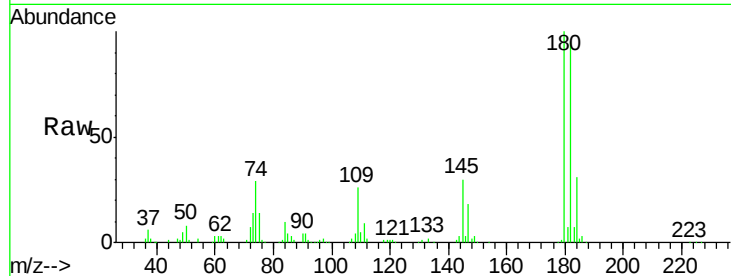




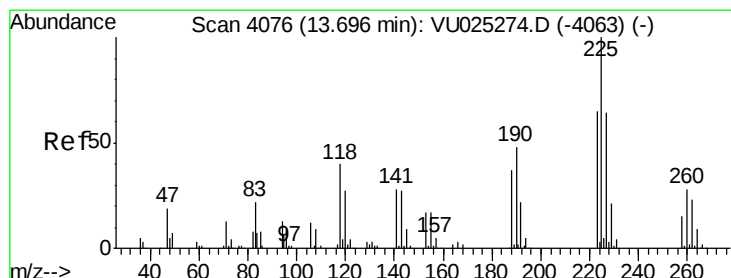
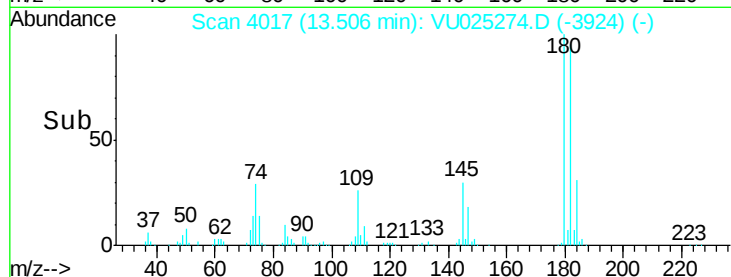
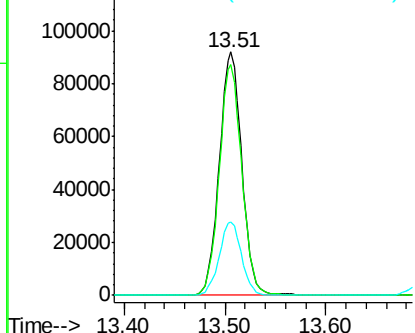
#93
 1,2,4-Trichlorobenzene
 Concen: 40.638 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025274.D
 Acq: 09 Jul 2018 15:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Tgt Ion:180 Resp: 143814
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.3 141.9
 145 29.8 14.9 44.7

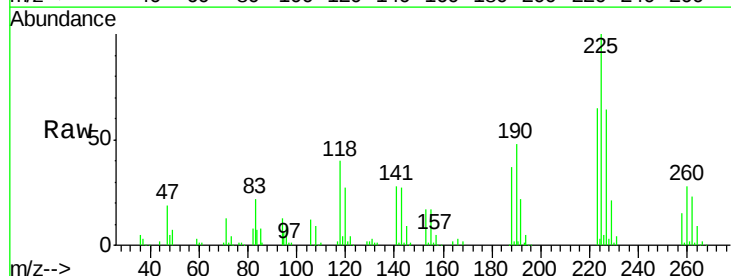


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

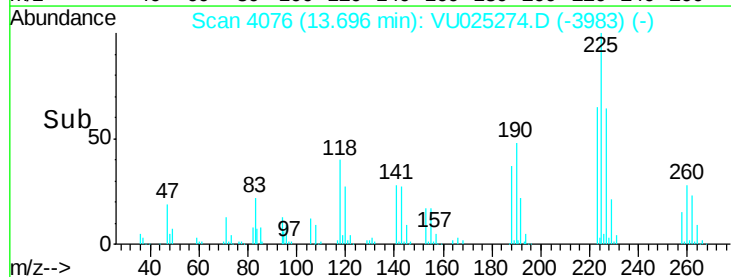
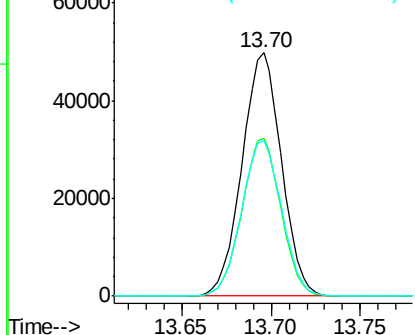


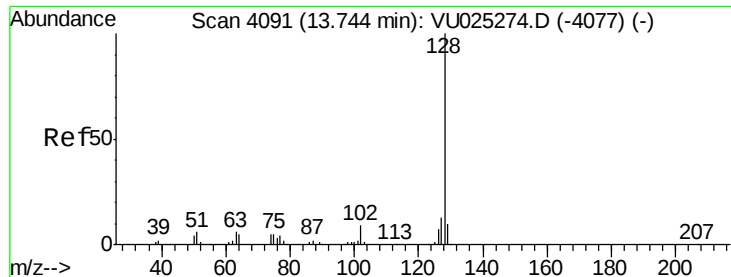
#94
 Hexachlorobutadiene
 Concen: 39.981 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025274.D
 Acq: 09 Jul 2018 15:22

Tgt Ion:225 Resp: 77234
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.9 95.7
 227 64.6 32.3 96.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

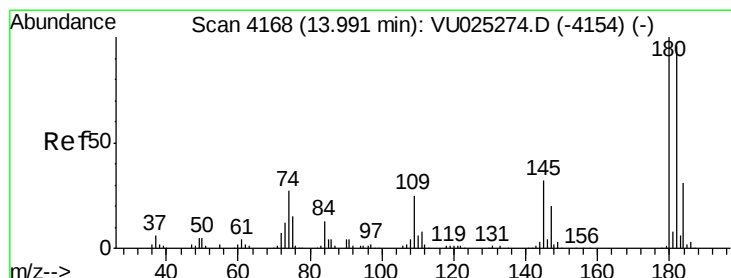
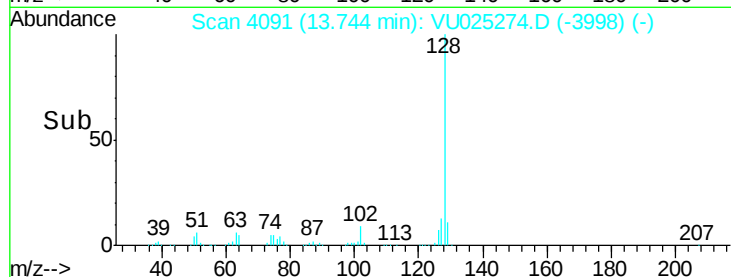
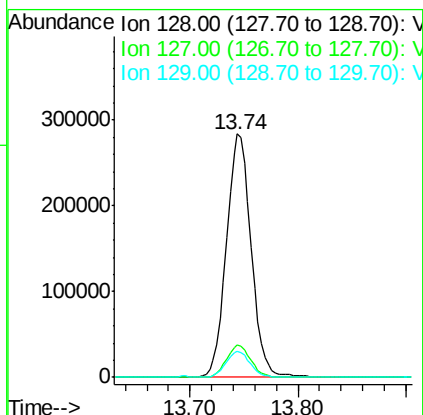
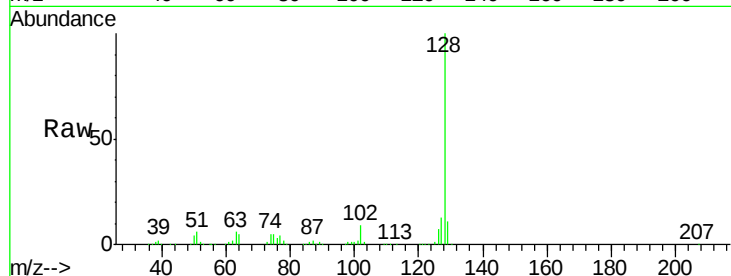




#95
Naphthalene
Concen: 37.274 ug/l
RT: 13.74 min Scan# 4091
Delta R.T. 0.00 min
Lab File: VU025274.D
Acq: 09 Jul 2018 15:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 453815
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.4 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 39.023 ug/l
RT: 13.99 min Scan# 4168
Delta R.T. 0.00 min
Lab File: VU025274.D
Acq: 09 Jul 2018 15:22

Tgt Ion:180 Resp: 148925
Ion Ratio Lower Upper
180 100
182 95.5 47.8 143.3
145 31.2 15.6 46.8

