

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U071218\
 Data File : VU025332.D
 Acq On : 12 Jul 2018 11:36
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 13 01:05:58 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070918W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 10 09:34:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	174498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	256435	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	241135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	147650	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	121989	45.00	ug/l	0.00
Spiked Amount			Recovery	=	90.00%	
35) Dibromofluoromethane	4.89	113	100897	46.64	ug/l	0.00
Spiked Amount			Recovery	=	93.28%	
50) Toluene-d8	7.57	98	331705	44.78	ug/l	0.00
Spiked Amount			Recovery	=	89.56%	
62) 4-Bromofluorobenzene	10.31	95	137038	45.95	ug/l	0.00
Spiked Amount			Recovery	=	91.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	78096	43.25	ug/l	100
3) Chloromethane	1.33	50	77634	43.22	ug/l	99
4) Vinyl Chloride	1.40	62	88151	44.42	ug/l	100
5) Bromomethane	1.62	94	52720	52.28	ug/l	99
6) Chloroethane	1.70	64	58059	46.03	ug/l	99
7) Trichlorofluoromethane	1.89	101	146068	46.83	ug/l	98
8) Diethyl Ether	2.10	74	56100	47.93	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.29	101	87783	45.42	ug/l	99
10) Methyl Iodide	2.41	142	84936	40.92	ug/l	99
11) Tert butyl alcohol	2.83	59	133945	226.48	ug/l	100
12) 1,1-Dichloroethene	2.28	96	78892	44.60	ug/l	97
13) Acrolein	2.19	56	47882	122.38	ug/l	98
14) Allyl chloride	2.59	41	161127	50.23	ug/l	92
15) Acrylonitrile	2.94	53	286739	235.82	ug/l	99
16) Acetone	2.32	43	318828	230.85	ug/l	100
17) Carbon Disulfide	2.48	76	206878	40.41	ug/l	100
18) Methyl Acetate	2.62	43	146075	52.63	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	338856	50.36	ug/l	98
20) Methylene Chloride	2.70	84	100738	48.06	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	91646	45.34	ug/l	98
22) Diisopropyl ether	3.57	45	329593	50.31	ug/l	96
23) Vinyl Acetate	3.53	43	1408554	245.10	ug/l	100
24) 1,1-Dichloroethane	3.45	63	184387	49.91	ug/l	100
25) 2-Butanone	4.26	43	439352	233.81	ug/l	100
26) 2,2-Dichloropropane	4.23	77	174371	49.08	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	110448	47.22	ug/l	98
28) Bromochloromethane	4.55	49	84032	47.10	ug/l	99
29) Tetrahydrofuran	4.64	42	258781	229.60	ug/l	99
30) Chloroform	4.68	83	195548	49.98	ug/l	98
31) Cyclohexane	5.00	56	157166	45.96	ug/l	100
32) 1,1,1-Trichloroethane	4.92	97	177187	49.97	ug/l	100
36) 1,1-Dichloropropene	5.14	75	133856	46.95	ug/l	98
37) Ethyl Acetate	4.38	43	153218	48.19	ug/l	100
38) Carbon Tetrachloride	5.14	117	157127	51.21	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	167777	47.18	ug/l	100
40) Benzene	5.39	78	400129	48.70	ug/l	100
41) Methacrylonitrile	4.55	41	86839	49.26	ug/l	98
42) 1,2-Dichloroethane	5.41	62	165292	50.61	ug/l	99
43) Isopropyl Acetate	5.55	43	251664	49.43	ug/l	100
44) Trichloroethene	6.19	130	111539	47.28	ug/l	99
45) 1,2-Dichloropropane	6.44	63	107696	50.05	ug/l	99
46) Dibromomethane	6.56	93	77644	49.58	ug/l	99
47) Bromodichloromethane	6.76	83	150734	51.82	ug/l	98
48) Methyl methacrylate	6.62	41	128079	50.46	ug/l	99
49) 1,4-Dioxane	6.62	88	61281	1003.38	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	804214	243.02	ug/l	99
52) Toluene	7.64	92	258673	49.49	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	163655	51.20	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	170334	50.07	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	109821	50.45	ug/l	97
56) Ethyl methacrylate	8.02	69	169558	49.87	ug/l	99
57) 1,3-Dichloropropane	8.25	76	182944	50.62	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	279062	181.66	ug/l	100
59) 2-Hexanone	8.36	43	636230	237.03	ug/l	99
60) Dibromochloromethane	8.48	129	124804	53.09	ug/l	99
61) 1,2-Dibromoethane	8.59	107	117634	50.50	ug/l	100
64) Tetrachloroethene	8.23	164	107168	48.76	ug/l	97
65) Chlorobenzene	9.12	112	299129	49.66	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	114511	53.14	ug/l	99
67) Ethyl Benzene	9.25	91	516243	50.27	ug/l	100
68) m/p-Xylenes	9.38	106	402270	101.32	ug/l	100
69) o-Xylene	9.78	106	197598	49.71	ug/l	96
70) Styrene	9.80	104	325288	51.52	ug/l	99
71) Bromoform	9.96	173	94209	45.66	ug/l #	98
73) Isopropylbenzene	10.17	105	542422	48.08	ug/l	100
74) N-amyl acetate	10.01	43	224234	48.60	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	176244	47.75	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	208924	68.19	ug/l	85
77) Bromobenzene	10.45	156	137533	47.65	ug/l	99
78) n-propylbenzene	10.59	91	616090	49.21	ug/l	100
79) 2-Chlorotoluene	10.66	91	369108	51.35	ug/l	100
80) 1,3,5-Trimethylbenzene	10.78	105	468002	49.30	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.50	75	208924	177.61	ug/l #	100
82) 4-Chlorotoluene	10.78	91	423042	47.73	ug/l	100
83) tert-Butylbenzene	11.10	119	468317	48.82	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	476989	49.03	ug/l	100
85) sec-Butylbenzene	11.33	105	565780	50.09	ug/l	100
86) p-Isopropyltoluene	11.48	119	502922	50.29	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	255102	48.36	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	254982	49.51	ug/l	99
89) n-Butylbenzene	11.89	91	416352	50.64	ug/l	99
90) Hexachloroethane	12.15	117	83240	49.16	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	262951	49.36	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	45129	50.41	ug/l	97

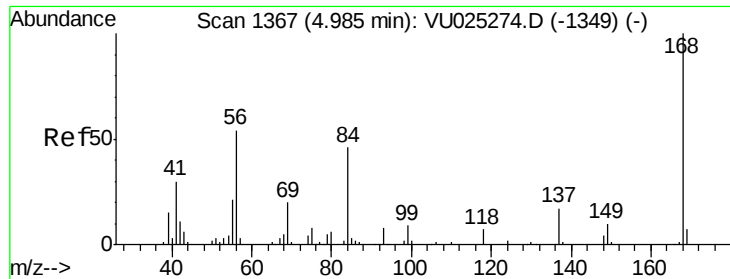
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071218\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	171896	48.31	ug/l	99
94) Hexachlorobutadiene	13.70	225	93696	49.18	ug/l	99
95) Naphthalene	13.74	128	535451	49.42	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	180166	49.76	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VU025332.D

Acq: 12 Jul 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

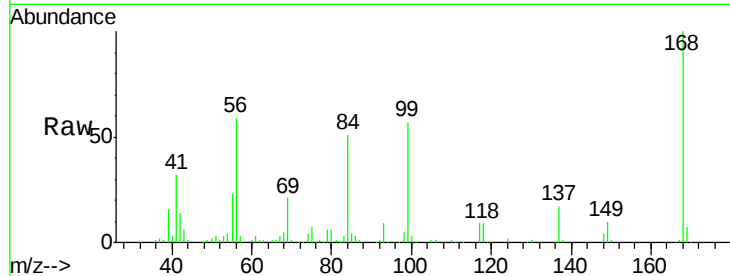
VSTDCCC050

Tot Ion:168 Resp: 174498

Ion Ratio Lower Upper

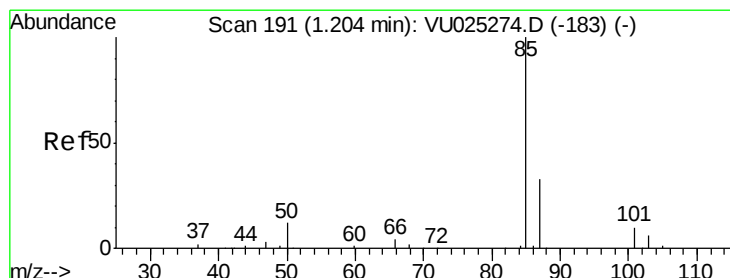
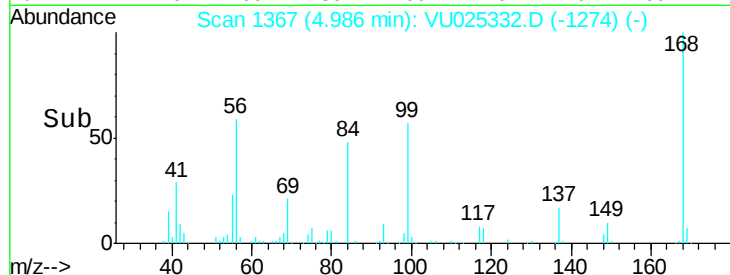
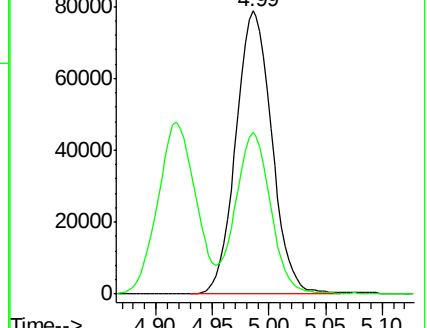
168 100

99 56.8 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) (-)



#2

Dichlorodifluoromethane

Concen: 43.25 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU025332.D

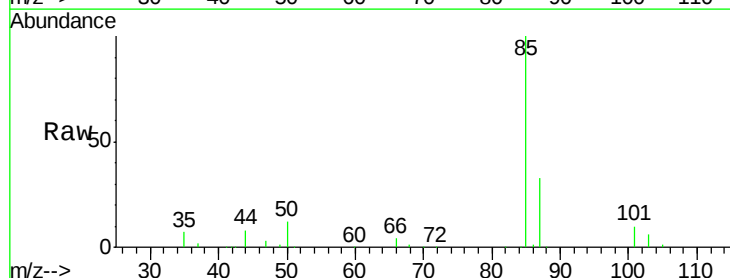
Acq: 12 Jul 2018 11:36

Tgt Ion: 85 Resp: 78096

Ion Ratio Lower Upper

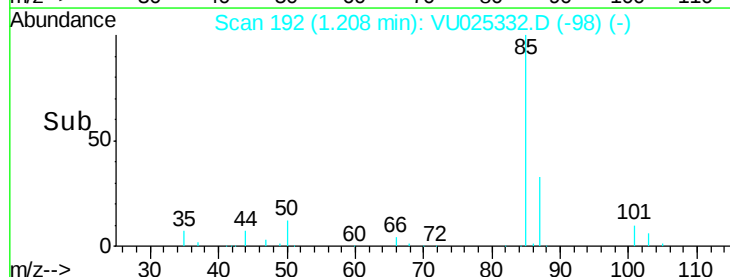
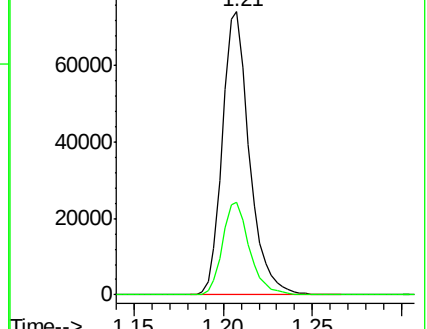
85 100

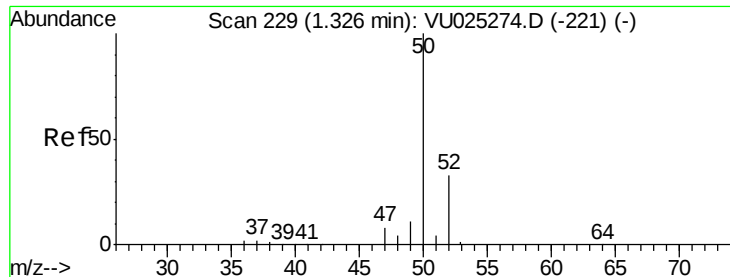
87 32.8 16.5 49.5



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

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

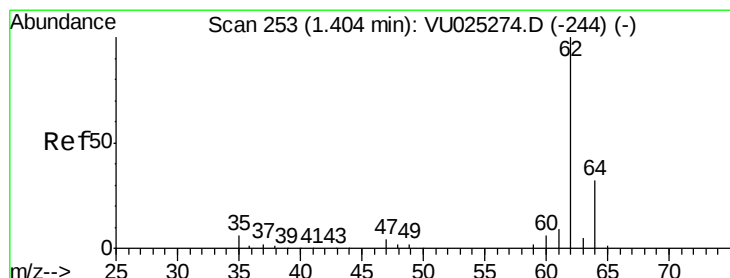
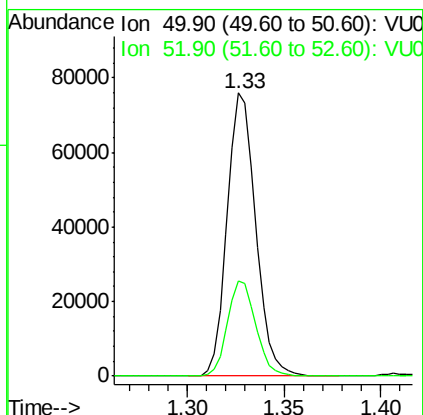
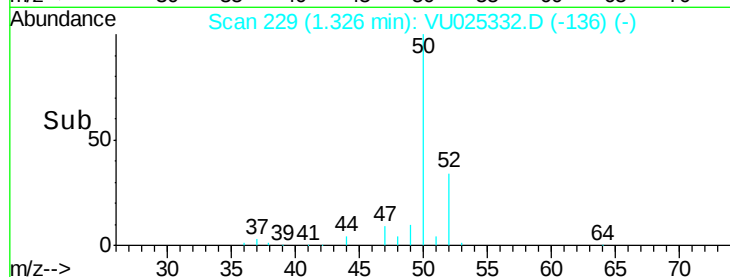
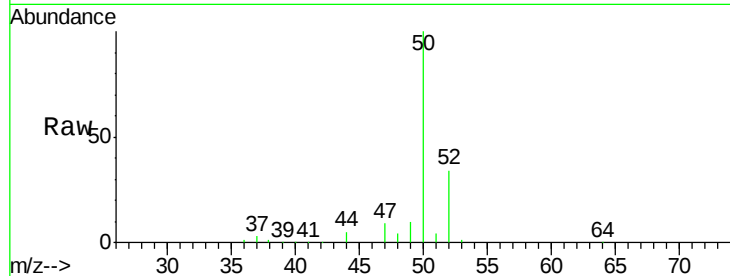




#3
Chloromethane
Concen: 43.22 ug/l
RT: 1.33 min Scan# 229
Delta R.T. 0.00 min
Lab File: VU025332.D
Acq: 12 Jul 2018 11:36

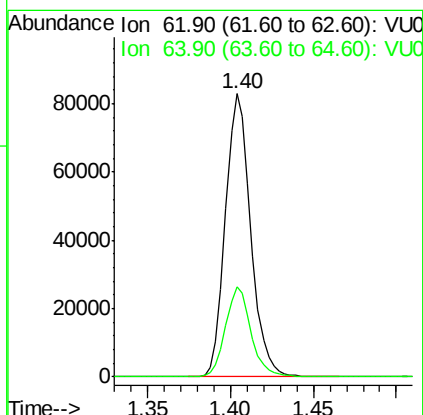
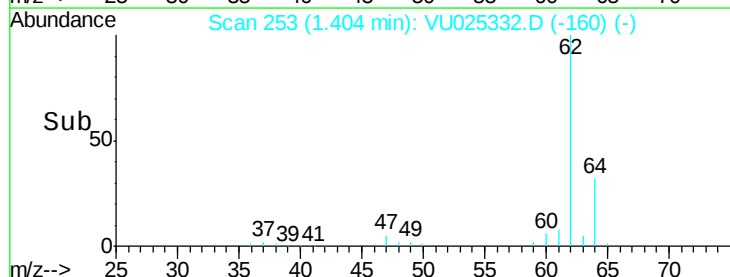
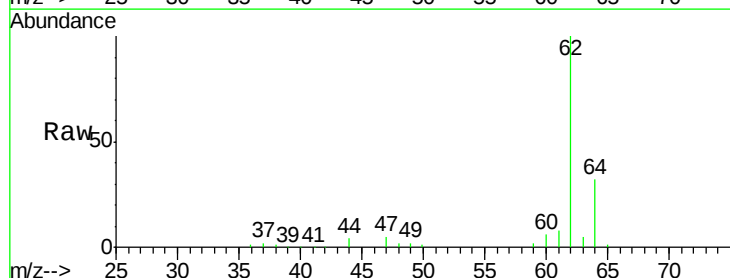
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

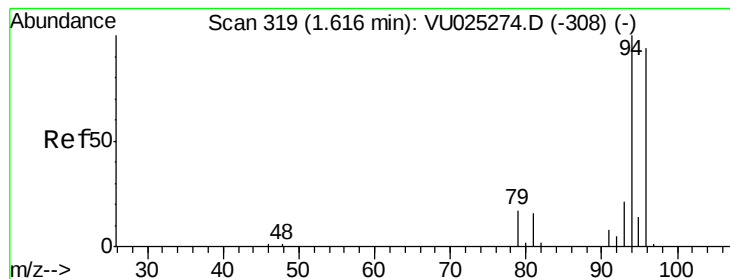
Tot Ion: 50 Resp: 77634
Ion Ratio Lower Upper
50 100
52 33.8 26.5 39.7



#4
Vinyl Chloride
Concen: 44.42 ug/l
RT: 1.40 min Scan# 253
Delta R.T. 0.00 min
Lab File: VU025332.D
Acq: 12 Jul 2018 11:36

Tgt Ion: 62 Resp: 88151
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.0





#5

Bromomethane

Concen: 52.28 ug/l

RT: 1.62 min Scan# 320

Delta R.T. 0.00 min

Lab File: VU025332.D

Acq: 12 Jul 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

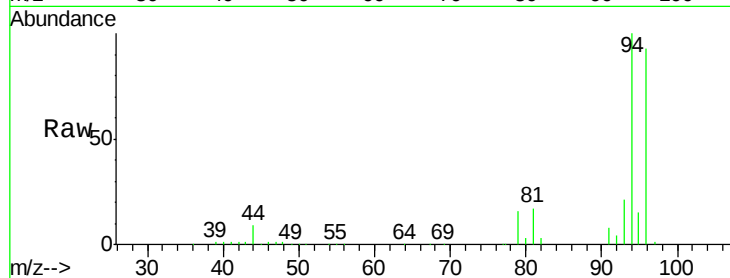
VSTDCCC050

Tot Ion: 94 Resp: 52720

Ion Ratio Lower Upper

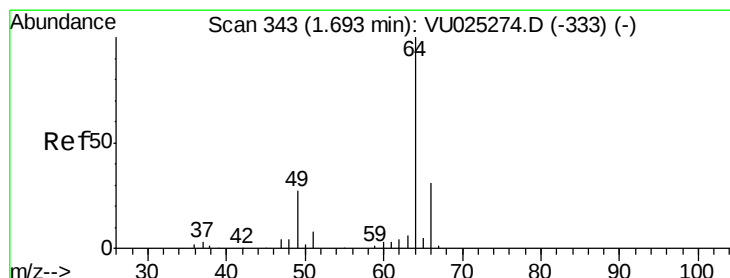
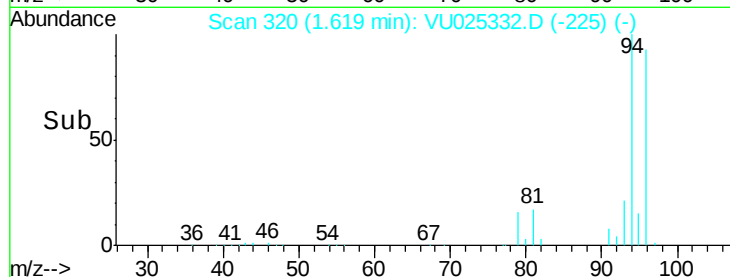
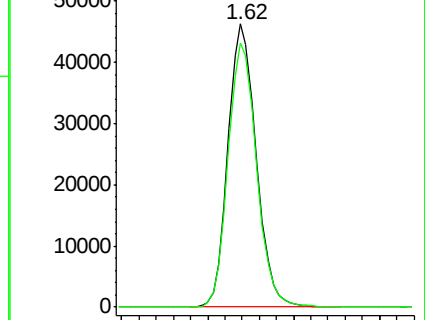
94 100

96 93.2 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: 46.03 ug/l

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU025332.D

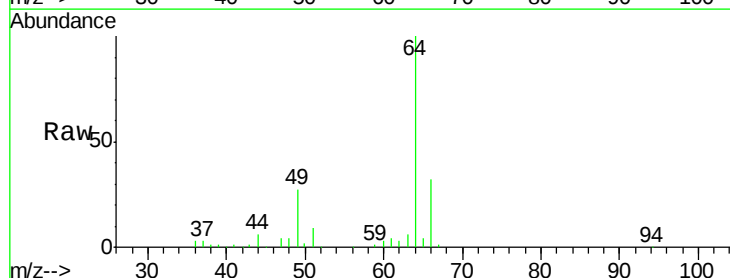
Acq: 12 Jul 2018 11:36

Tgt Ion: 64 Resp: 58059

Ion Ratio Lower Upper

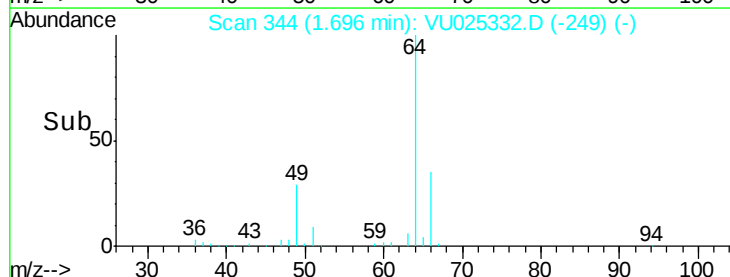
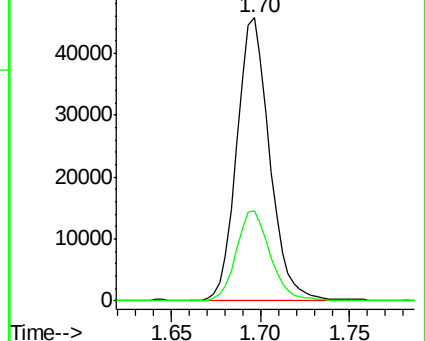
64 100

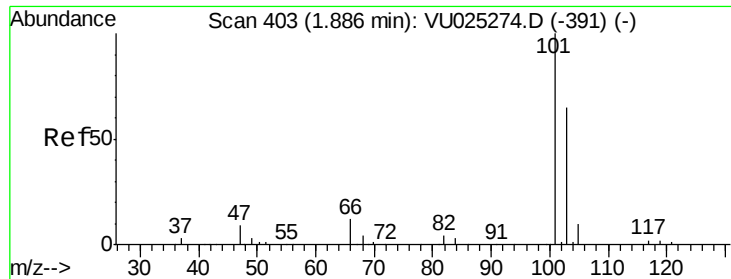
66 32.0 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



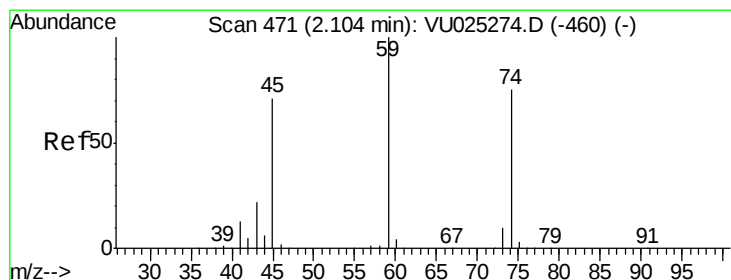
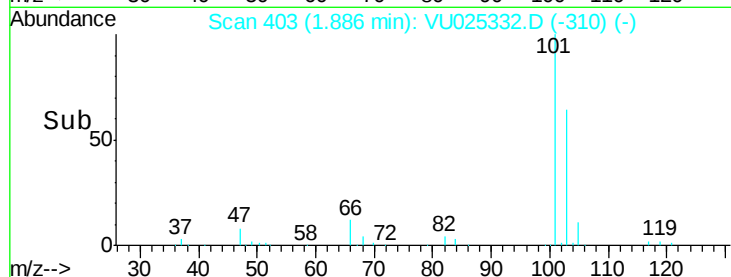
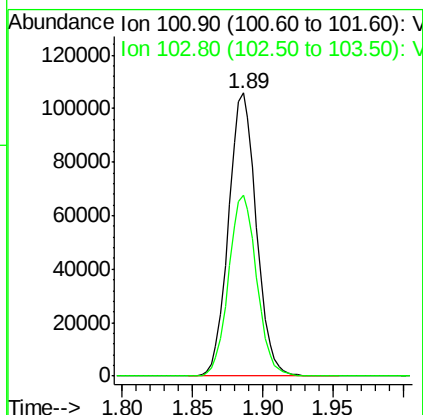
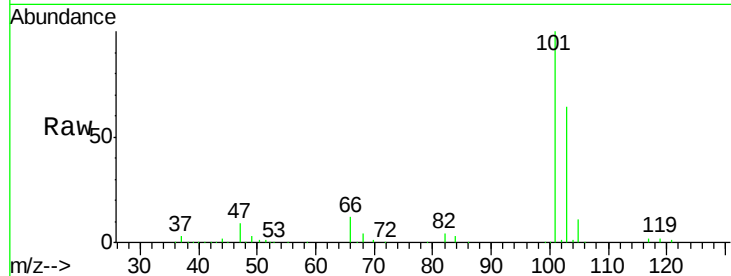


#7

Trichlorofluoromethane
 Concen: 46.83 ug/l
 RT: 1.89 min Scan# 403
 Delta R.T. 0.00 min
 Lab File: VU025332.D
 Acq: 12 Jul 2018 11:36

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

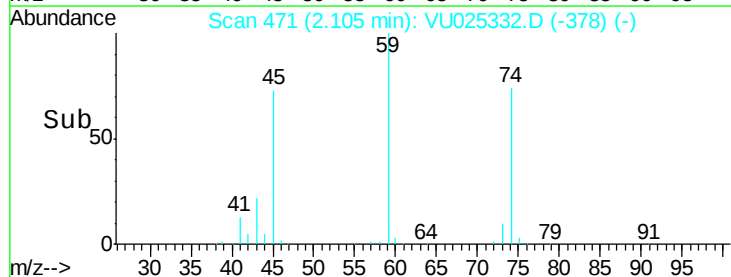
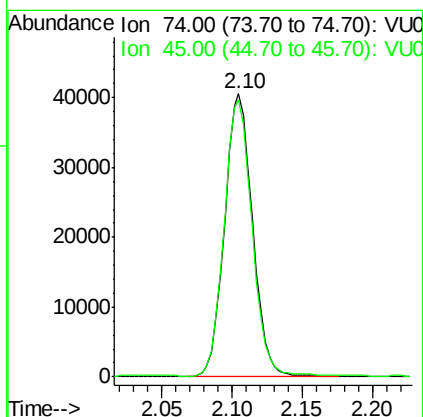
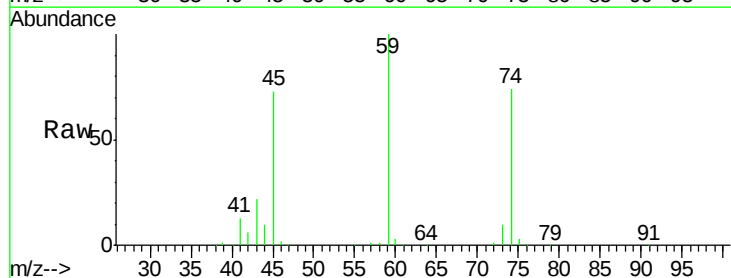
Tot Ion:101 Resp: 146068
 Ion Ratio Lower Upper
 101 100
 103 63.8 52.2 78.2

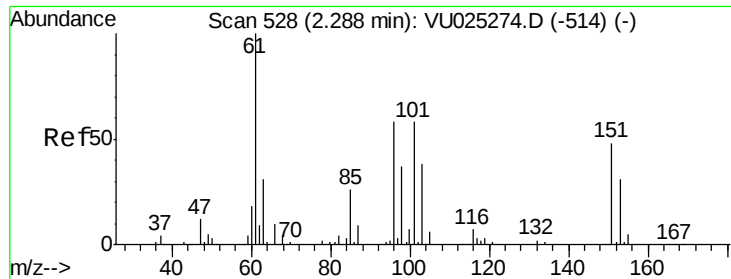


#8

Diethyl Ether
 Concen: 47.93 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU025332.D
 Acq: 12 Jul 2018 11:36

Tgt Ion: 74 Resp: 56100
 Ion Ratio Lower Upper
 74 100
 45 99.1 48.3 144.9

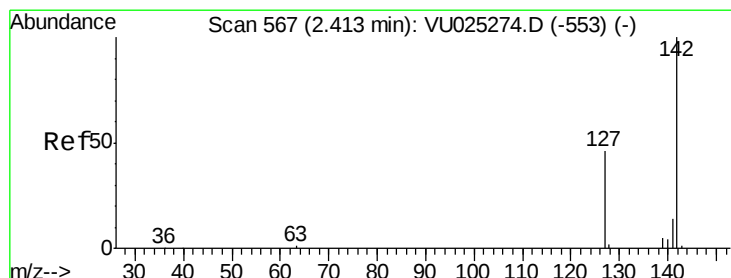
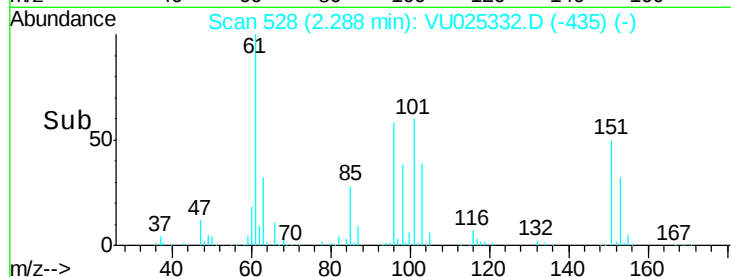
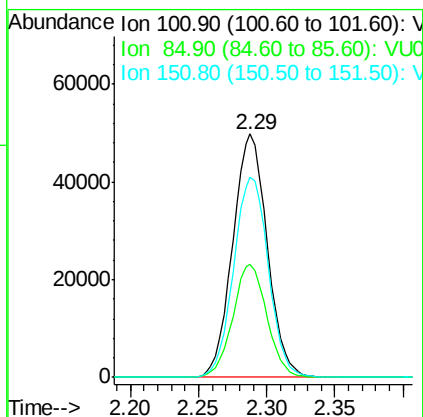
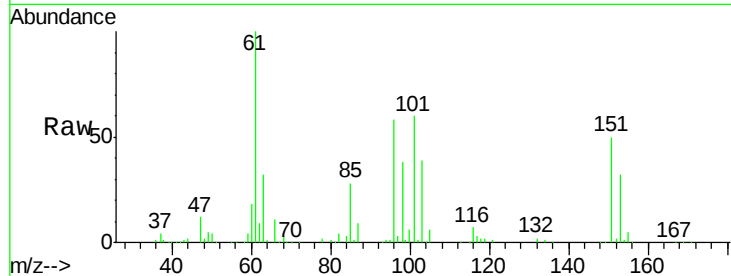




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 45.42 ug/l
 RT: 2.29 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VU025332.D
 Acq: 12 Jul 2018 11:36

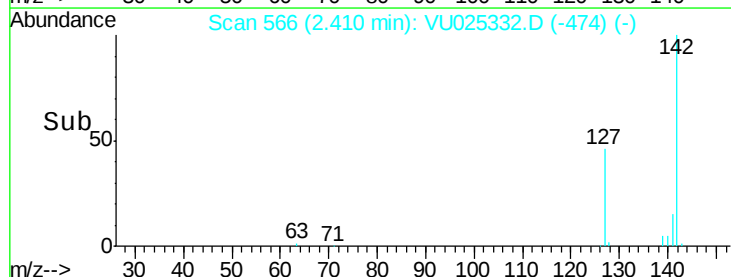
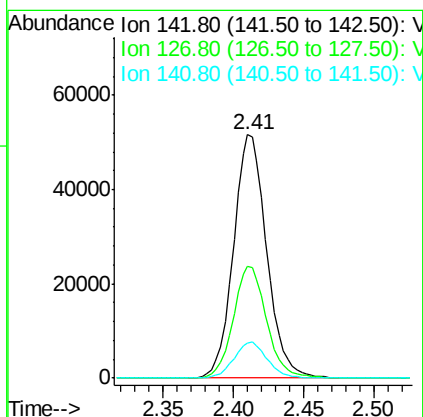
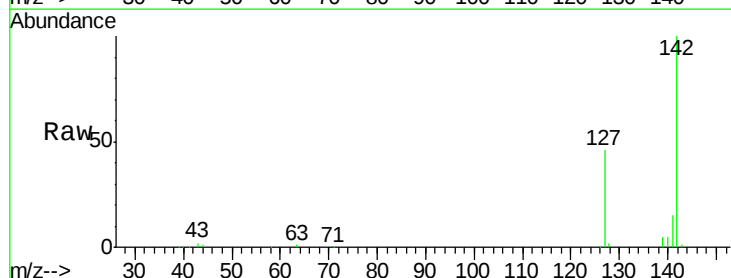
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

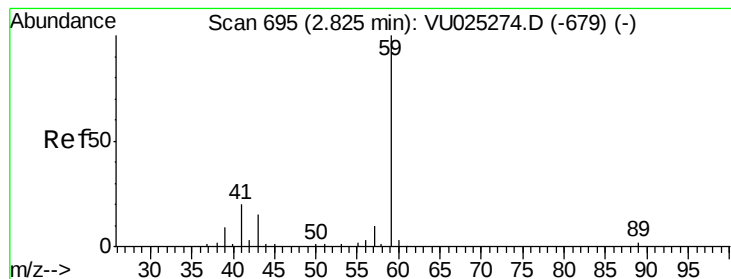
Tot Ion:101 Resp: 87783
 Ion Ratio Lower Upper
 101 100
 85 45.4 36.0 54.0
 151 82.7 65.6 98.4



#10
 Methyl Iodide
 Concen: 40.92 ug/l
 RT: 2.41 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: VU025332.D
 Acq: 12 Jul 2018 11:36

Tgt Ion:142 Resp: 84936
 Ion Ratio Lower Upper
 142 100
 127 46.1 36.5 54.7
 141 14.9 11.4 17.2



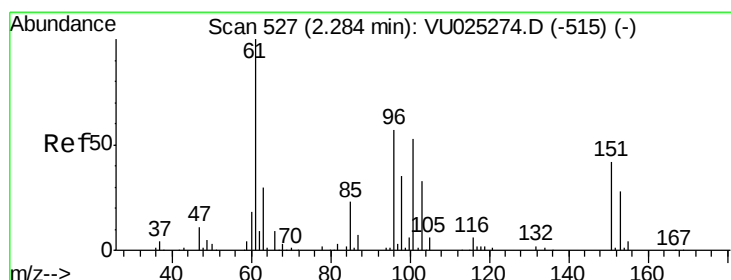
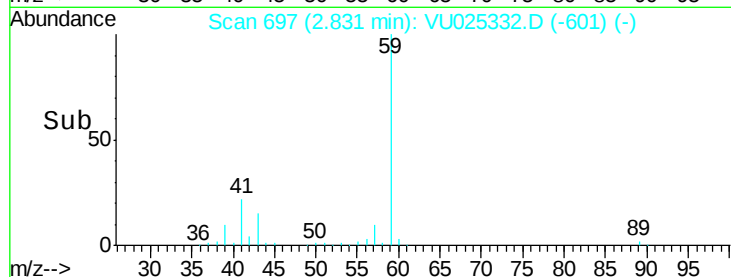
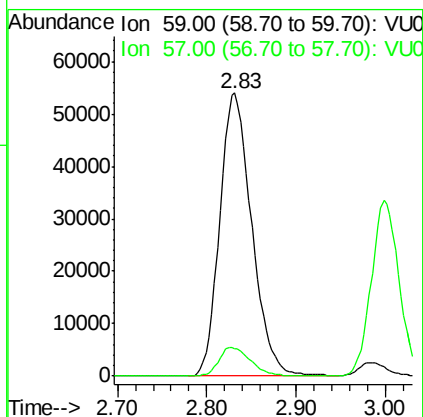
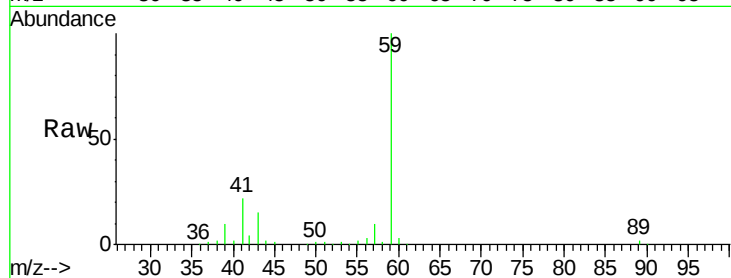


#11

Tert butyl alcohol
 Concen: 226.48 ug/l
 RT: 2.83 min Scan# 697
 Delta R.T. 0.01 min
 Lab File: VU025332.D
 Acq: 12 Jul 2018 11:36

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

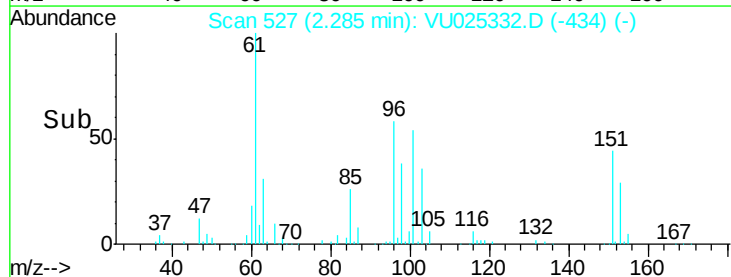
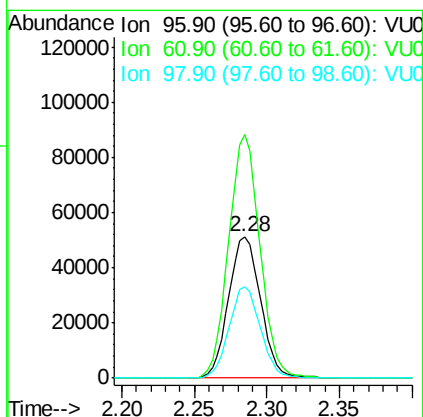
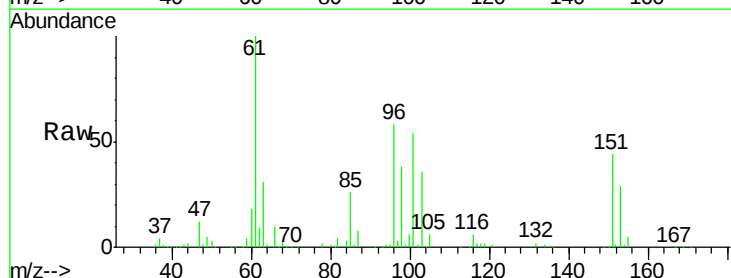
Tot Ion: 59 Resp: 133945
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.2

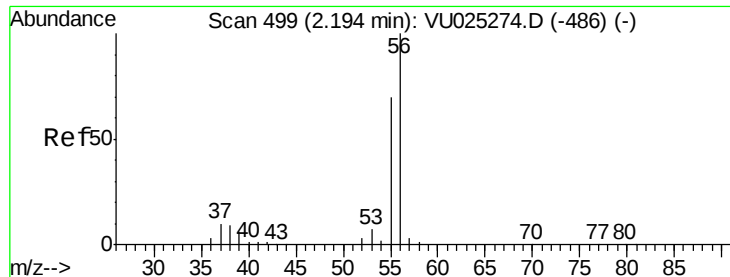


#12

1,1-Dichloroethene
 Concen: 44.60 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: VU025332.D
 Acq: 12 Jul 2018 11:36

Tgt Ion: 96 Resp: 78892
 Ion Ratio Lower Upper
 96 100
 61 171.8 140.2 210.4
 98 64.8 49.3 73.9

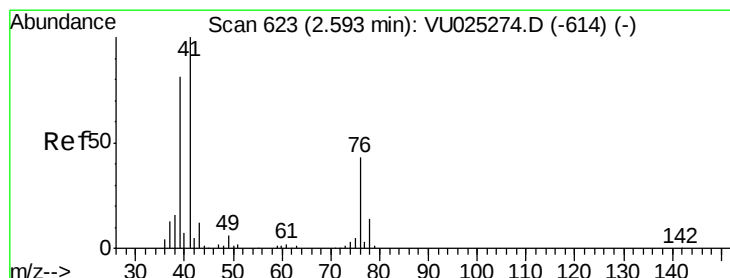
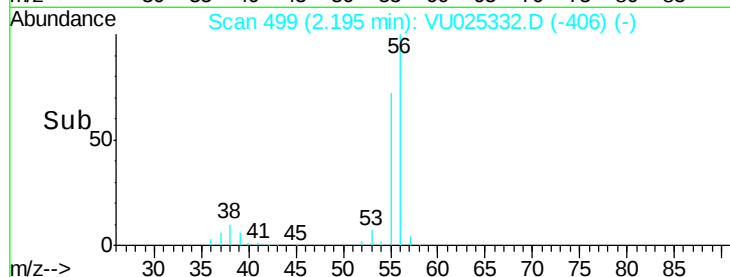
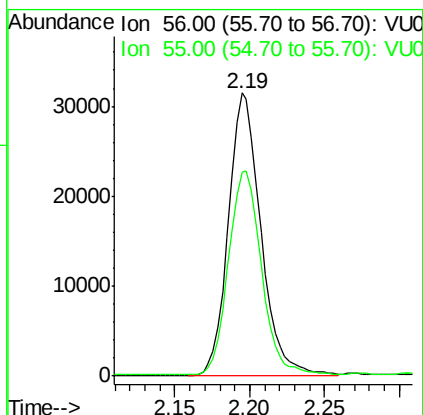
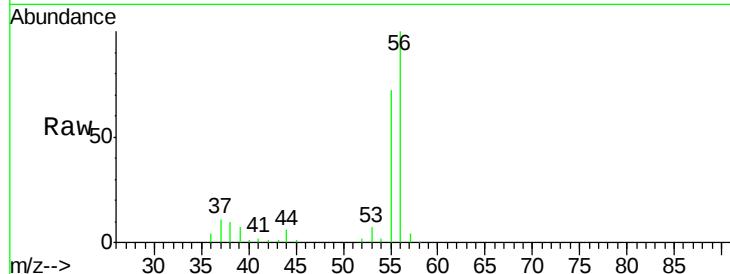




#13
Acrolein
Concen: 122.38 ug/l
RT: 2.19 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU025332.D
Acq: 12 Jul 2018 11:36

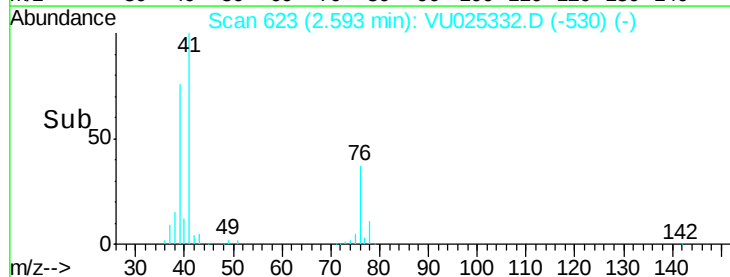
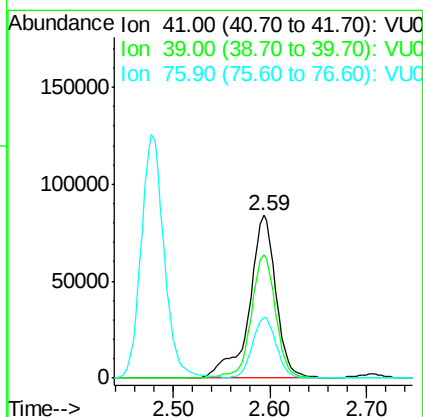
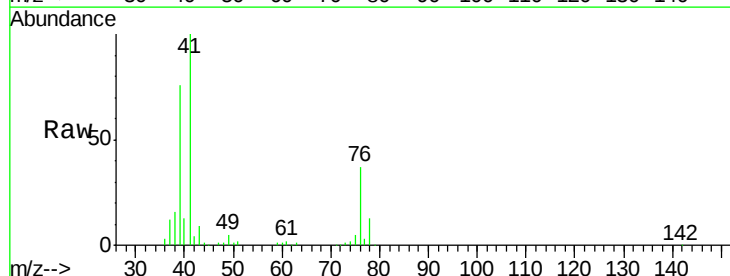
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

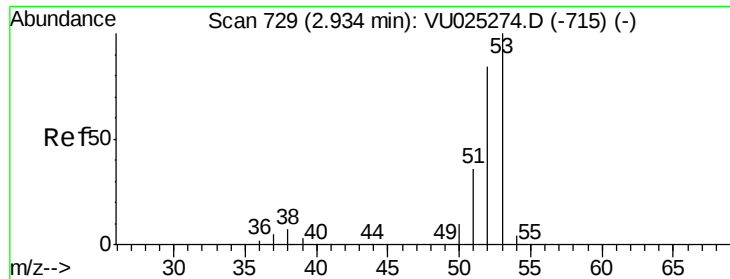
Tot Ion: 56 Resp: 47882
Ion Ratio Lower Upper
56 100
55 72.8 57.2 85.8



#14
Allyl chloride
Concen: 50.23 ug/l
RT: 2.59 min Scan# 623
Delta R.T. 0.00 min
Lab File: VU025332.D
Acq: 12 Jul 2018 11:36

Tgt Ion: 41 Resp: 161127
Ion Ratio Lower Upper
41 100
39 69.3 60.6 91.0
76 33.0 30.5 45.7





#15

Acrylonitrile

Concen: 235.82 ug/l

RT: 2.94 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU025332.D

Acq: 12 Jul 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

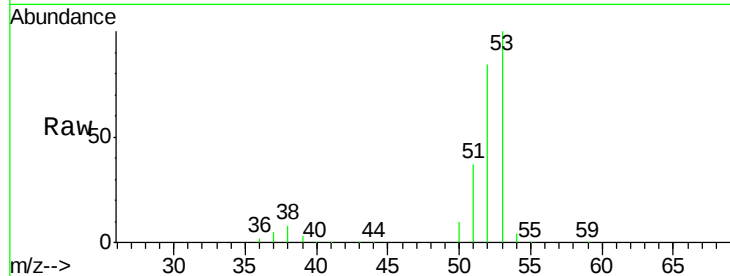
Tot Ion: 53 Resp: 286739

Ion Ratio Lower Upper

53 100

52 83.9 66.6 99.8

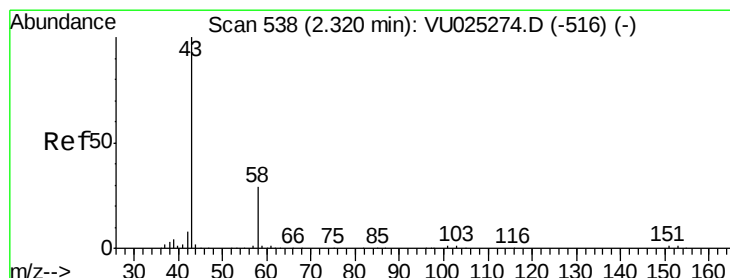
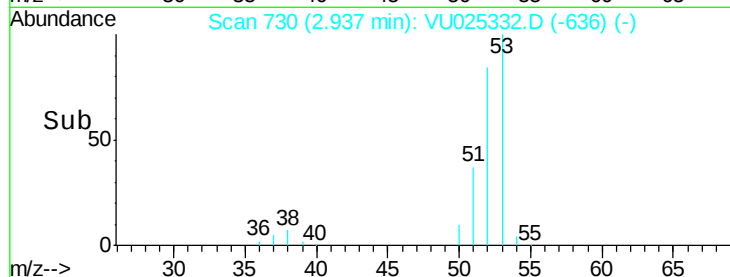
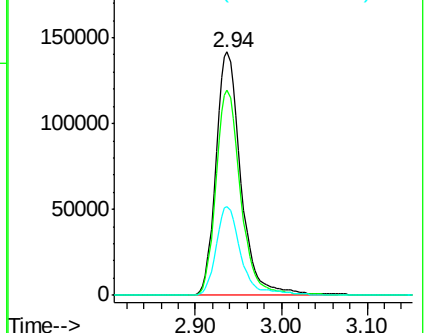
51 36.7 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 230.85 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025332.D

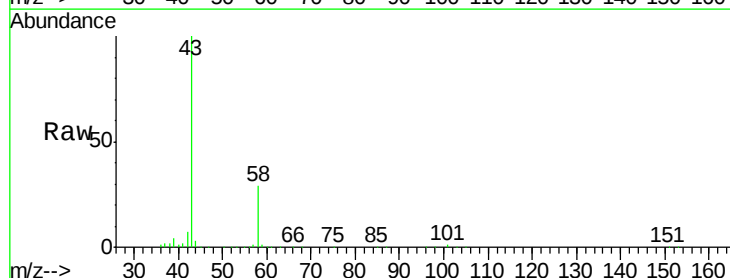
Acq: 12 Jul 2018 11:36

Tgt Ion: 43 Resp: 318828

Ion Ratio Lower Upper

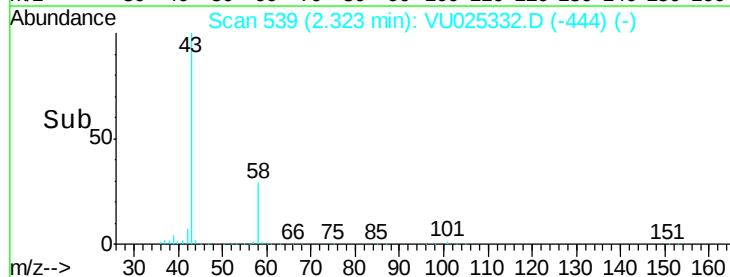
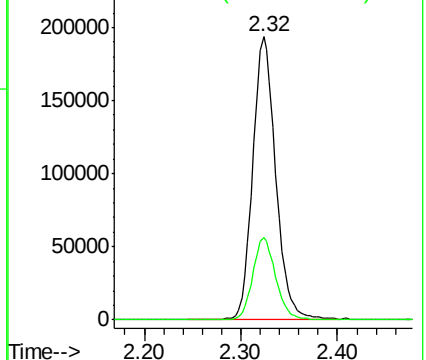
43 100

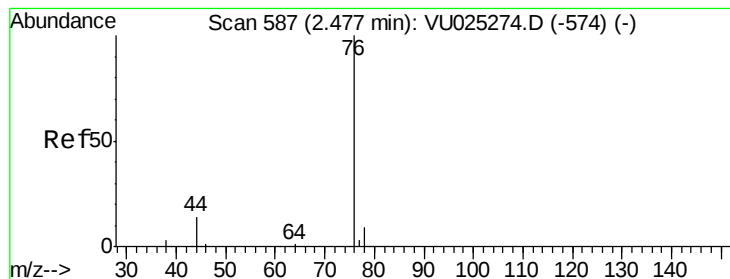
58 29.1 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: 40.41 ug/l

RT: 2.48 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU025332.D

Acq: 12 Jul 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

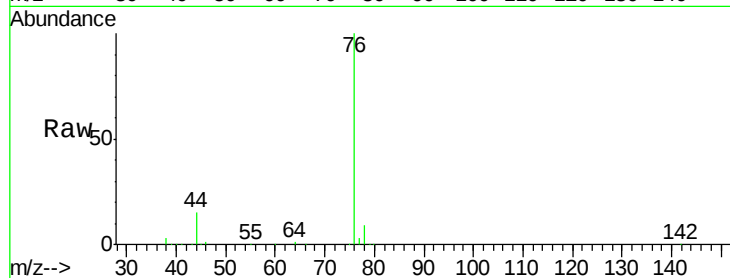
VSTDCCC050

Tot Ion: 76 Resp: 206878

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

2.48

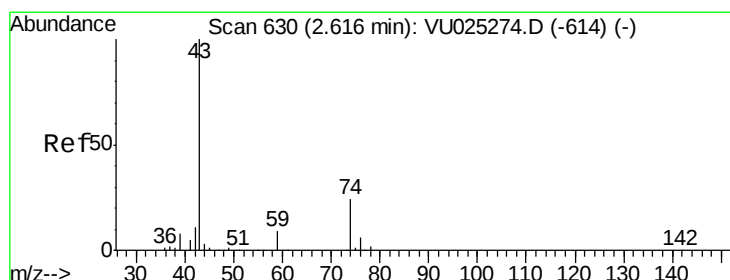
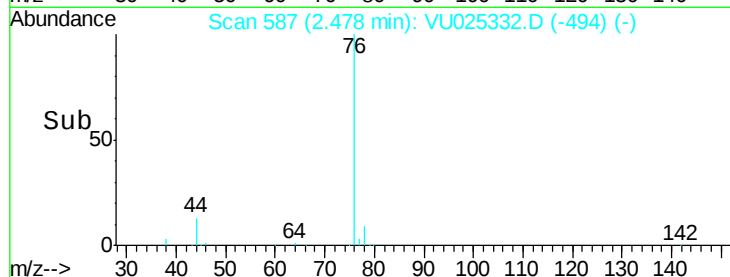
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 52.63 ug/l

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU025332.D

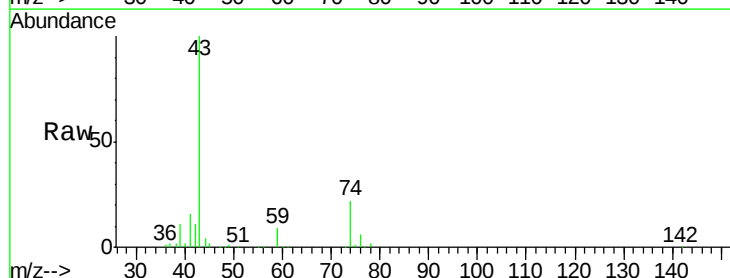
Acq: 12 Jul 2018 11:36

Tgt Ion: 43 Resp: 146075

Ion Ratio Lower Upper

43 100

74 22.6 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

2.62

100000

80000

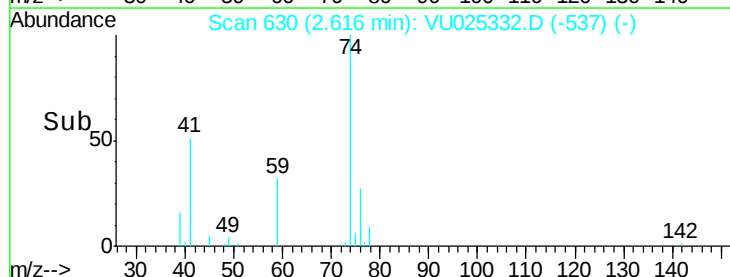
60000

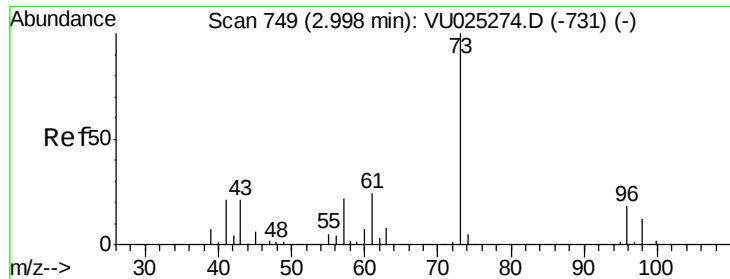
40000

20000

0

Time-->

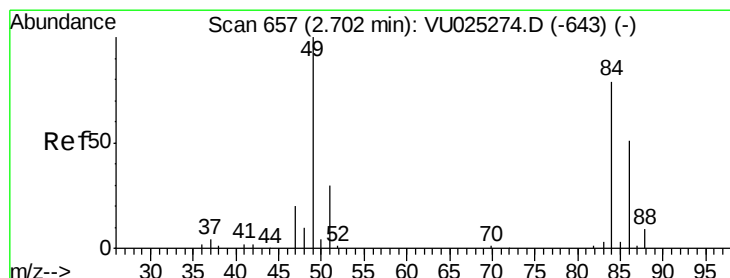
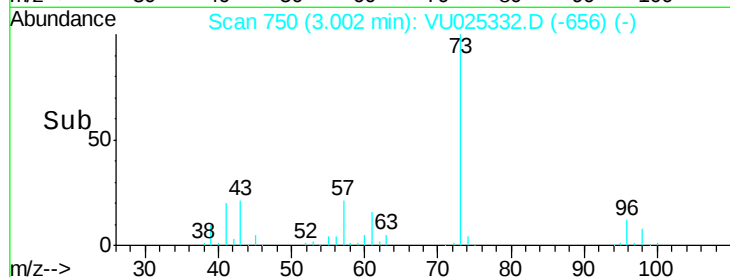
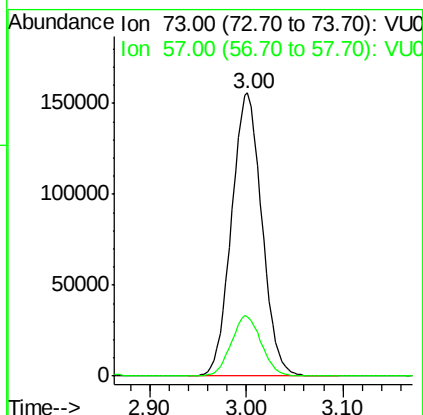
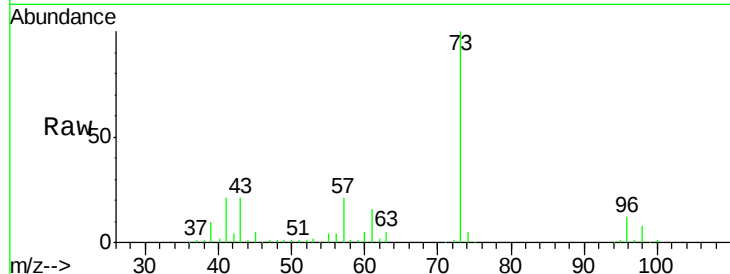




#19
Methyl tert-butyl Ether
Concen: 50.36 ug/l
RT: 3.00 min Scan# 750
Delta R.T. 0.00 min
Lab File: VU025332.D
Acq: 12 Jul 2018 11:36

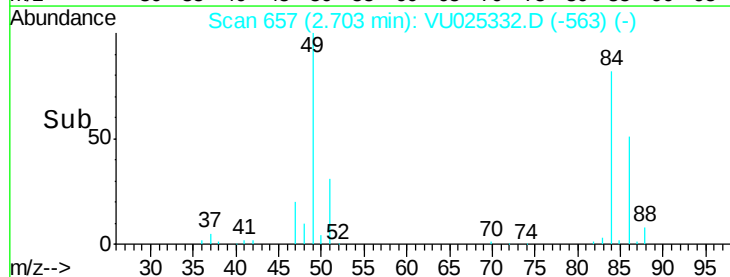
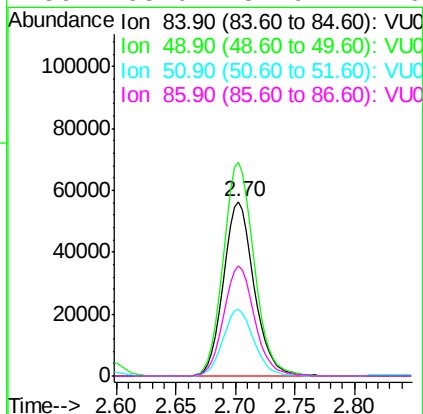
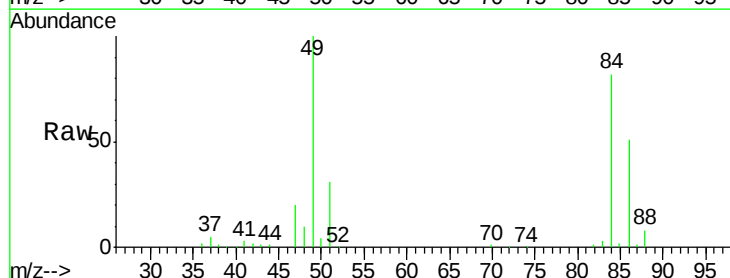
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

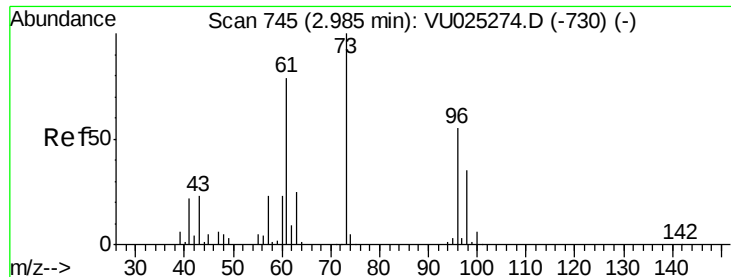
Tot Ion: 73 Resp: 338856
Ion Ratio Lower Upper
73 100
57 21.1 17.4 26.2



#20
Methylene Chloride
Concen: 48.06 ug/l
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU025332.D
Acq: 12 Jul 2018 11:36

Tgt Ion: 84 Resp: 100738
Ion Ratio Lower Upper
84 100
49 122.4 101.8 152.6
51 38.5 30.8 46.2
86 63.0 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 45.34 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU025332.D

Acq: 12 Jul 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

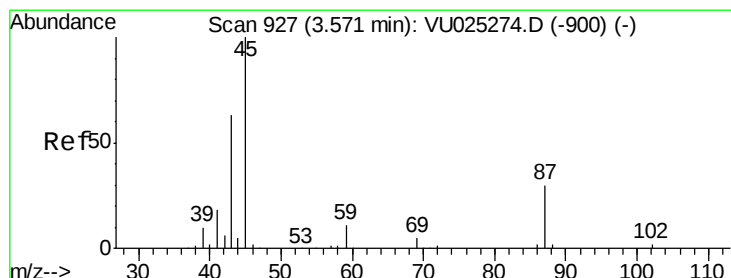
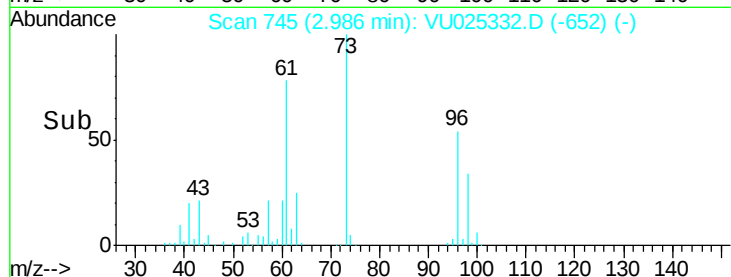
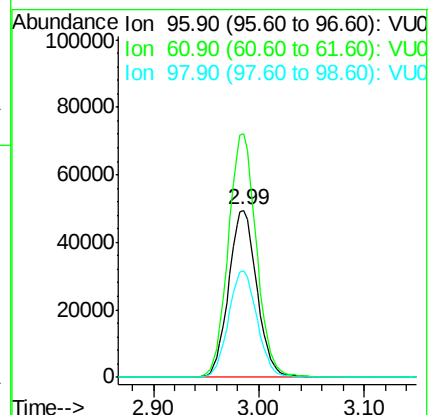
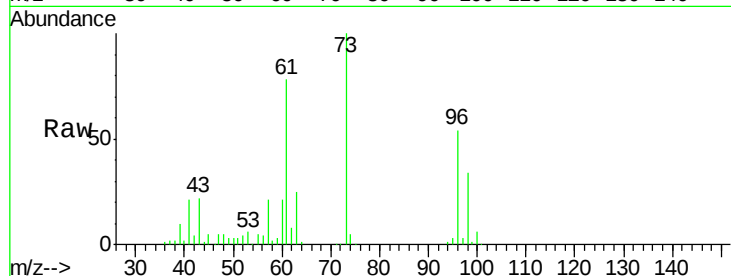
Tot Ion: 96 Resp: 91646

Ion Ratio Lower Upper

96 100

61 145.9 114.5 171.7

98 63.9 50.5 75.7



#22

Diisopropyl ether

Concen: 50.31 ug/l

RT: 3.57 min Scan# 928

Delta R.T. 0.00 min

Lab File: VU025332.D

Acq: 12 Jul 2018 11:36

Tgt Ion: 45 Resp: 329593

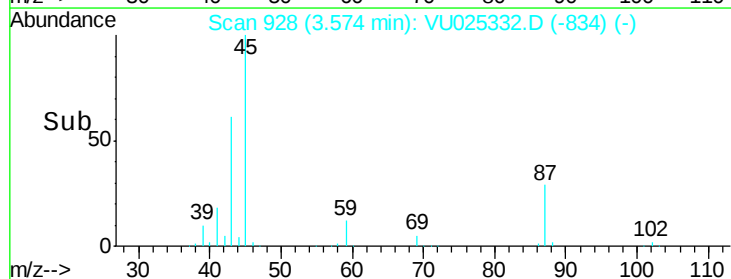
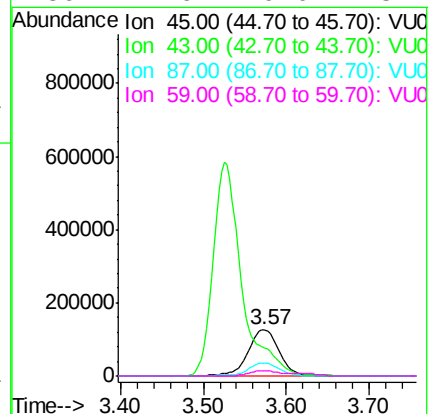
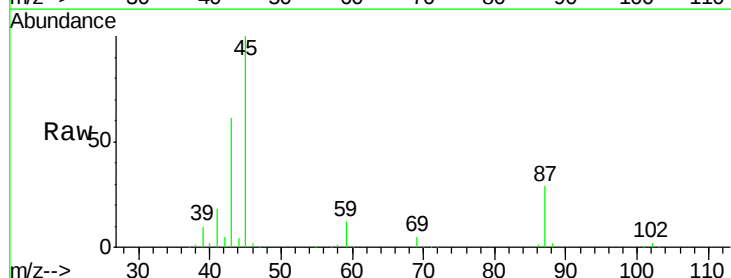
Ion Ratio Lower Upper

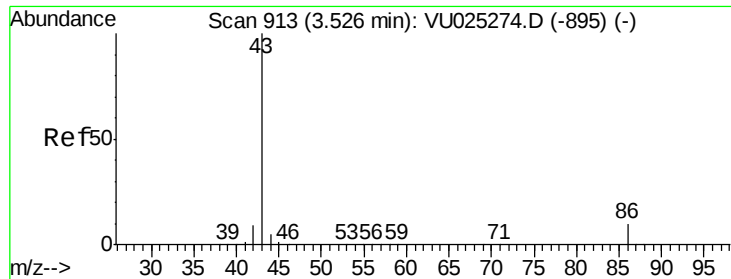
45 100

43 59.7 50.9 76.3

87 29.0 23.8 35.8

59 11.6 9.0 13.4





#23

Vinyl Acetate

Concen: 245.10 ug/l

RT: 3.53 min Scan# 913

Delta R.T. 0.00 min

Lab File: VU025332.D

Acq: 12 Jul 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

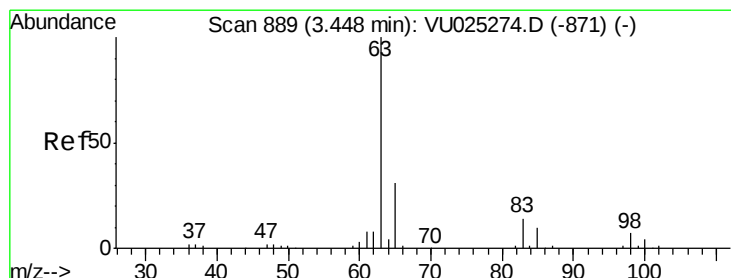
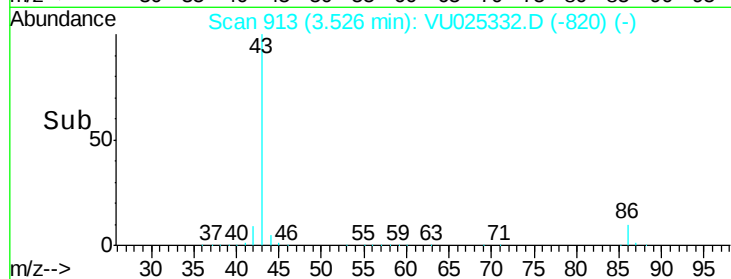
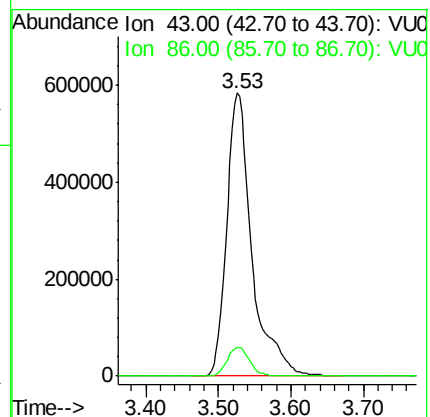
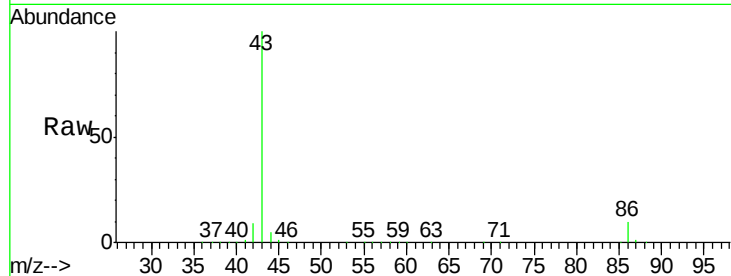
VSTDCCC050

Tot Ion: 43 Resp: 1408554

Ion Ratio Lower Upper

43 100

86 10.2 8.2 12.2



#24

1,1-Dichloroethane

Concen: 49.91 ug/l

RT: 3.45 min Scan# 889

Delta R.T. 0.00 min

Lab File: VU025332.D

Acq: 12 Jul 2018 11:36

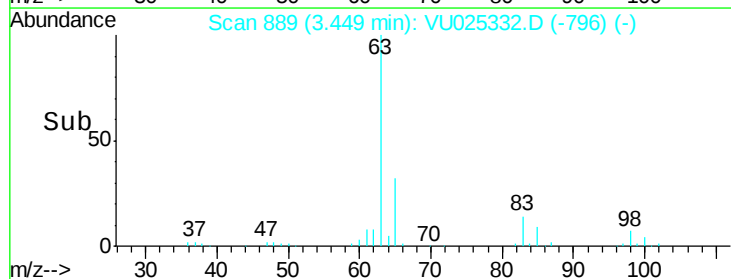
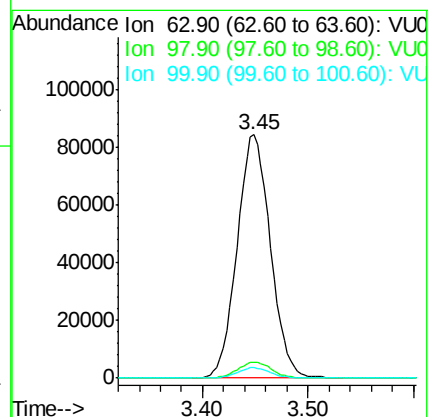
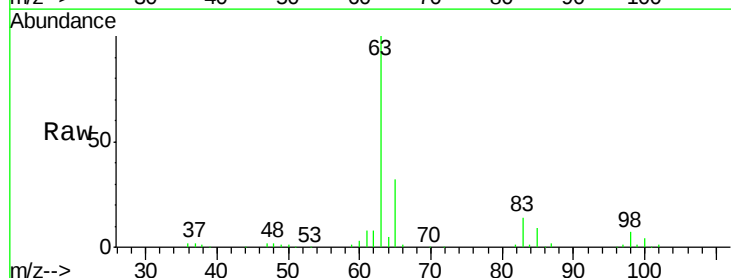
Tgt Ion: 63 Resp: 184387

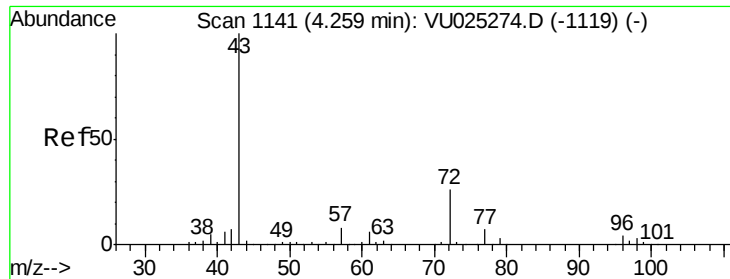
Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.1

100 4.3 2.0 6.0





#25

2-Butanone

Concen: 233.81 ug/l

RT: 4.26 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VU025332.D

Acq: 12 Jul 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

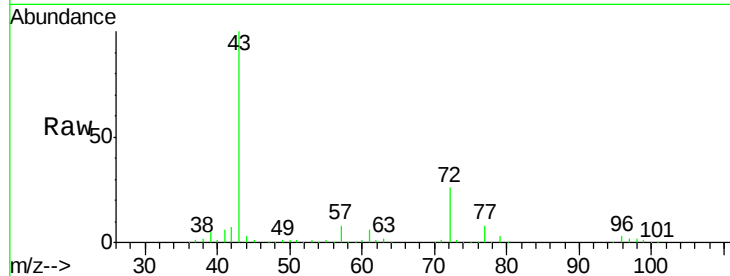
VSTDCCC050

Tot Ion: 43 Resp: 439352

Ion Ratio Lower Upper

43 100

72 26.4 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

4.26

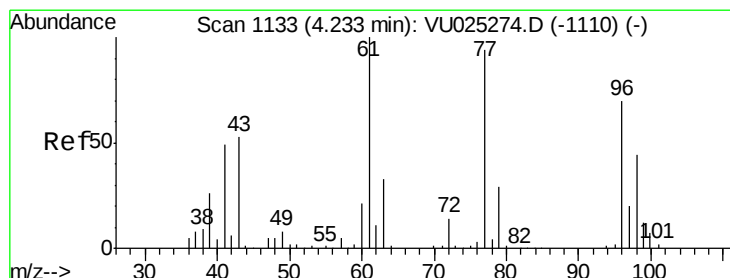
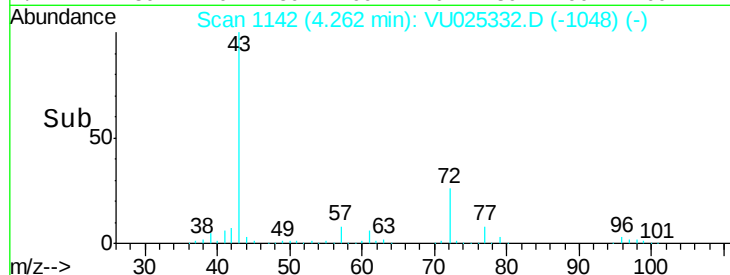
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 49.08 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025332.D

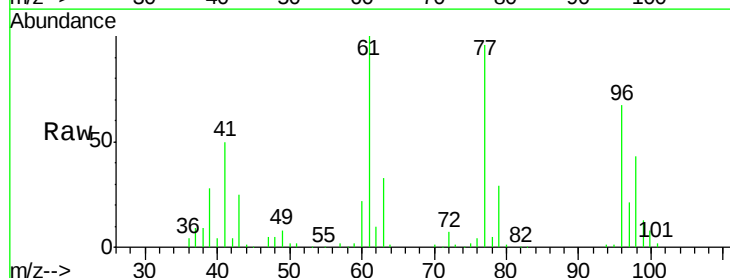
Acq: 12 Jul 2018 11:36

Tgt Ion: 77 Resp: 174371

Ion Ratio Lower Upper

77 100

97 21.6 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

4.23

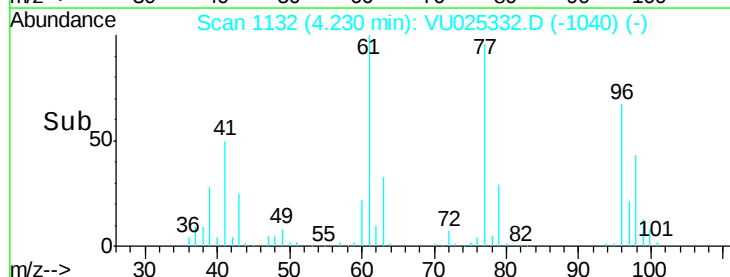
60000

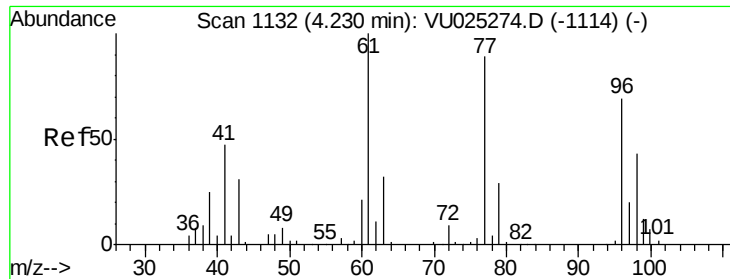
40000

20000

0

Time-->

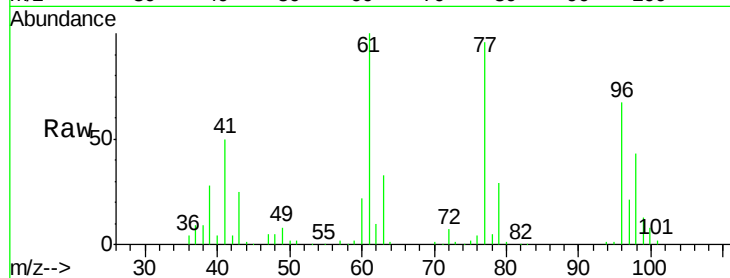




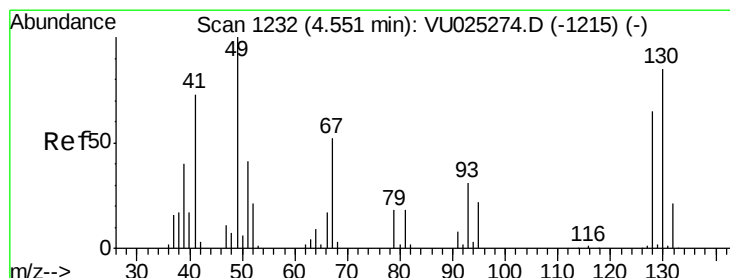
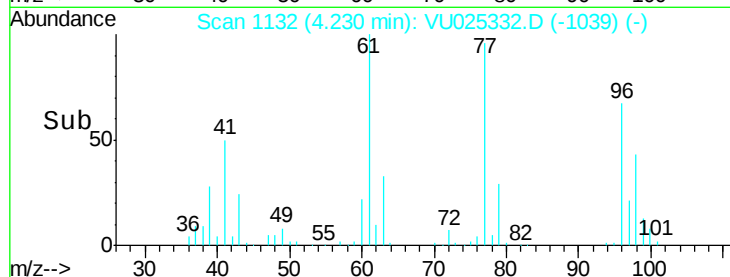
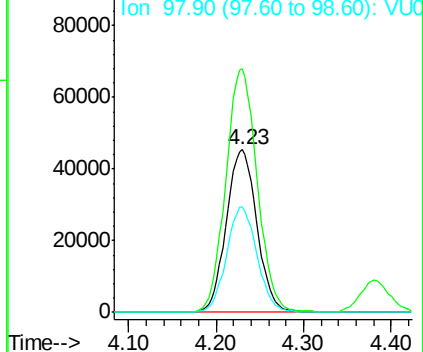
#27
 cis-1,2-Dichloroethene
 Concen: 47.22 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: VU025332.D
 Acq: 12 Jul 2018 11:36

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion: 96 Resp: 110448
 Ion Ratio Lower Upper
 96 100
 61 153.1 0.0 299.8
 98 64.5 0.0 128.6

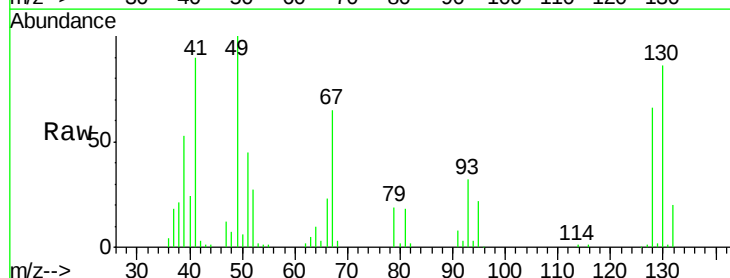


Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0

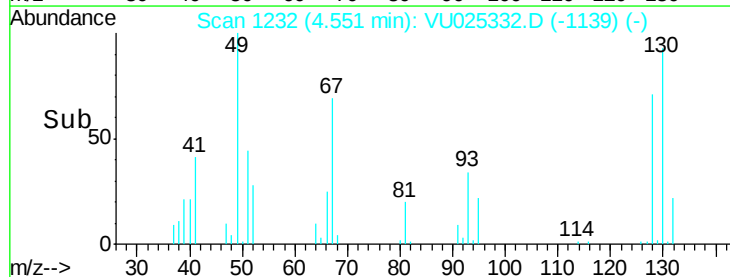
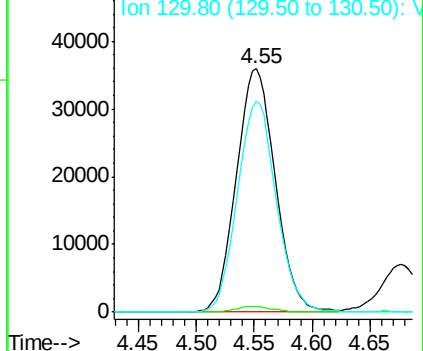


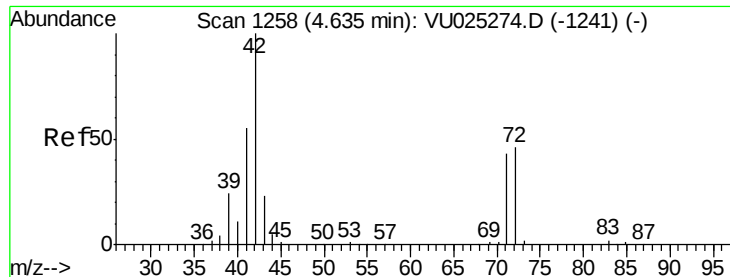
#28
 Bromochloromethane
 Concen: 47.10 ug/l
 RT: 4.55 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VU025332.D
 Acq: 12 Jul 2018 11:36

Tgt Ion: 49 Resp: 84032
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 86.6 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: 229.60 ug/l

RT: 4.64 min Scan# 1258

Delta R.T. 0.00 min

Lab File: VU025332.D

Acq: 12 Jul 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

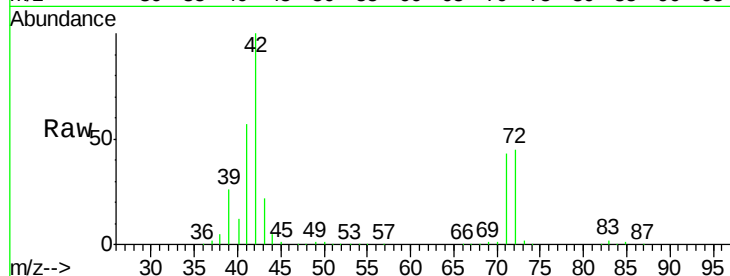
Tot Ion: 42 Resp: 258781

Ion Ratio Lower Upper

42 100

72 45.6 36.7 55.1

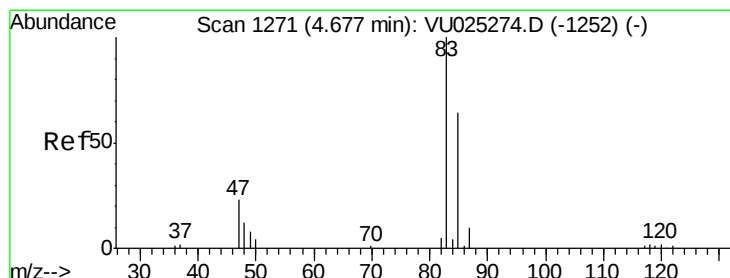
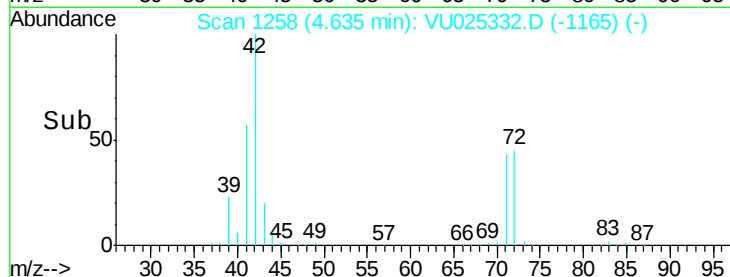
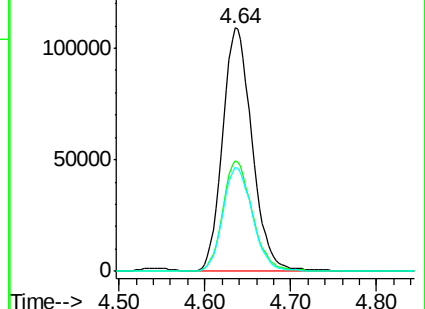
71 43.2 33.9 50.9



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#30

Chloroform

Concen: 49.98 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VU025332.D

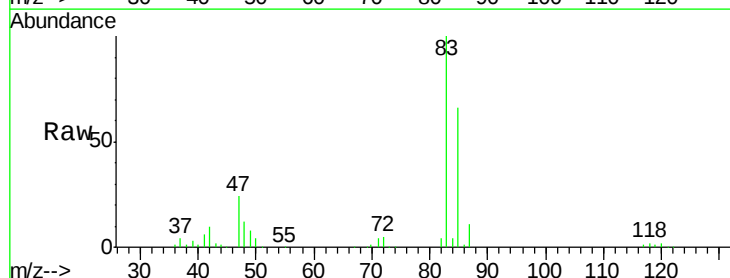
Acq: 12 Jul 2018 11:36

Tgt Ion: 83 Resp: 195548

Ion Ratio Lower Upper

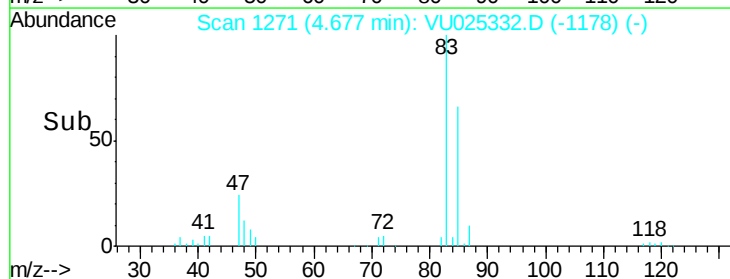
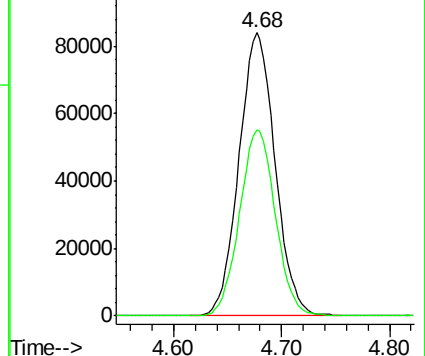
83 100

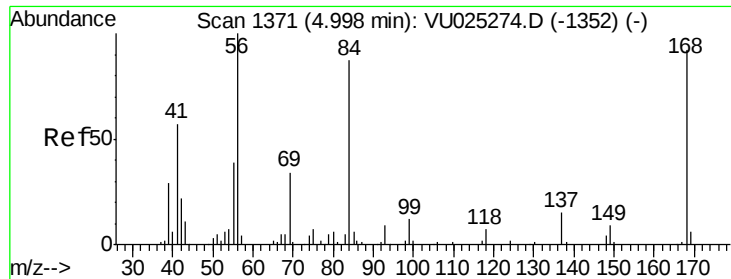
85 65.9 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

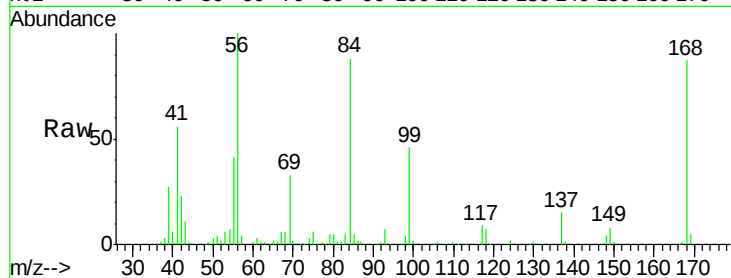




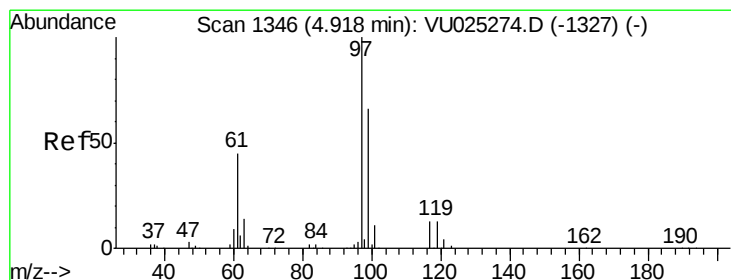
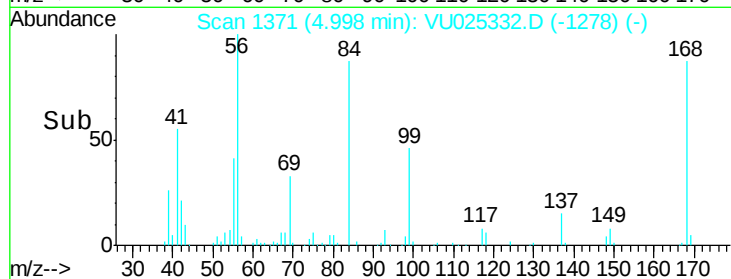
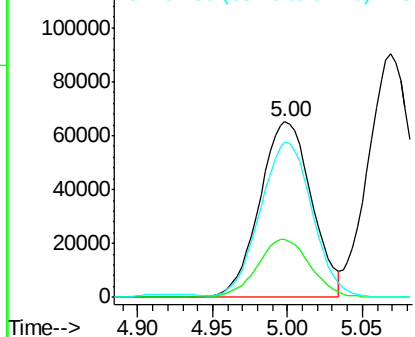
#31
Cyclohexane
Concen: 45.96 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. 0.00 min
Lab File: VU025332.D
Acq: 12 Jul 2018 11:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 157166
Ion Ratio Lower Upper
56 100
69 33.1 26.8 40.2
84 87.0 69.7 104.5

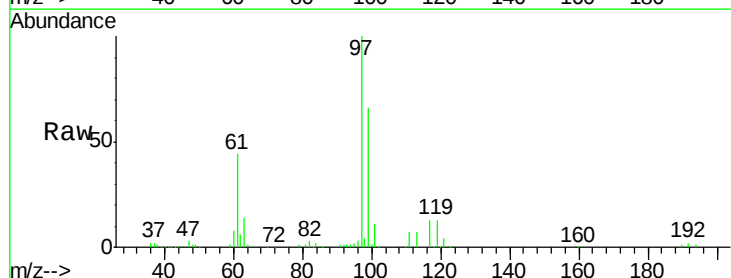


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

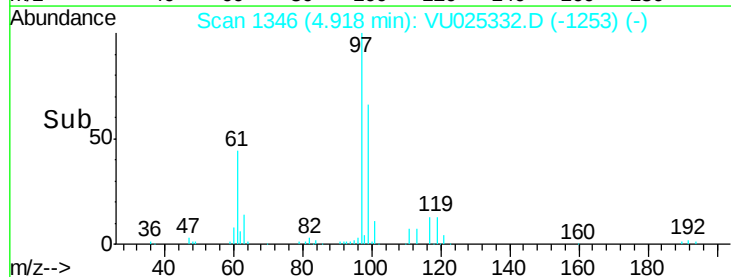
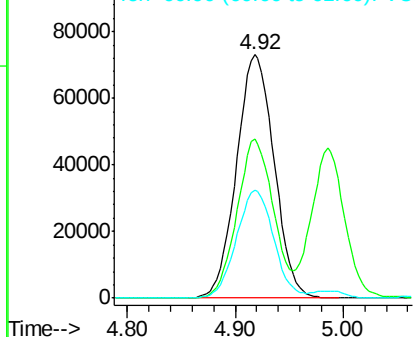


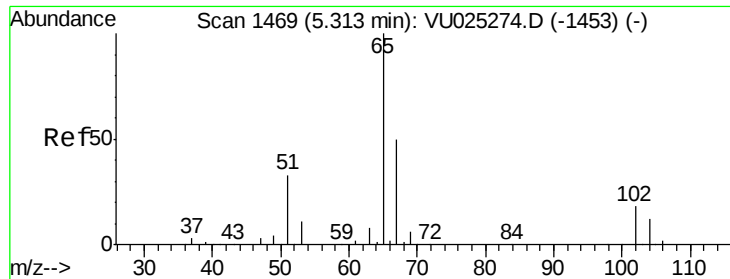
#32
1,1,1-Trichloroethane
Concen: 49.97 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VU025332.D
Acq: 12 Jul 2018 11:36

Tgt Ion: 97 Resp: 177187
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: 45.00 ug/l

RT: 5.31 min Scan# 1468

Delta R.T. -0.00 min

Lab File: VU025332.D

Acq: 12 Jul 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

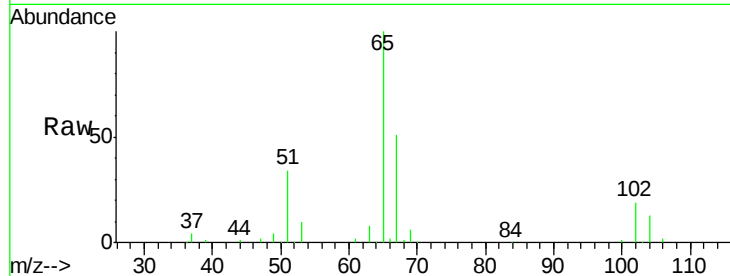
VSTDCCC050

Tot Ion: 65 Resp: 121989

Ion Ratio Lower Upper

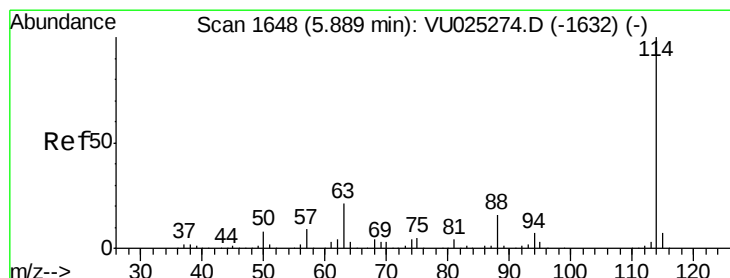
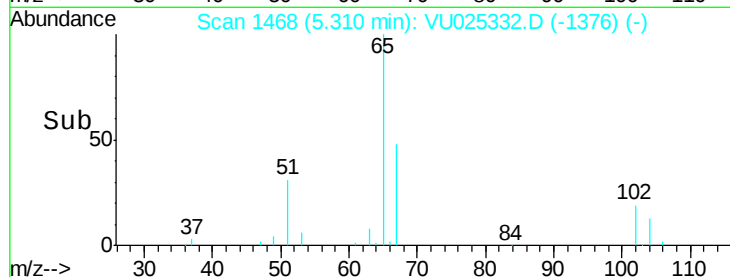
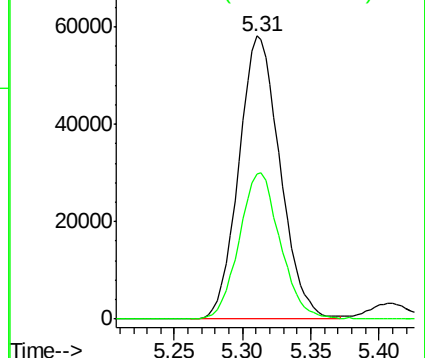
65 100

67 51.5 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU025274.D (-1453) (-)

Ion 66.90 (66.60 to 67.60): VU025274.D (-1453) (-)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. 0.00 min

Lab File: VU025332.D

Acq: 12 Jul 2018 11:36

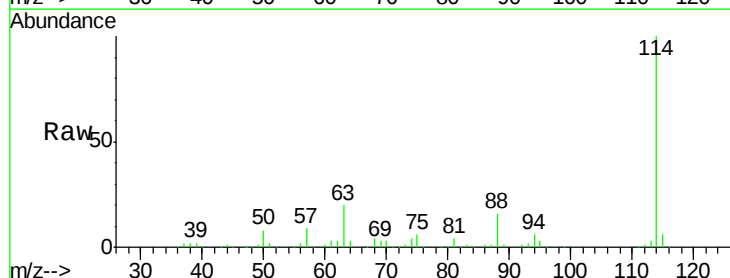
Tgt Ion: 114 Resp: 256435

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.6

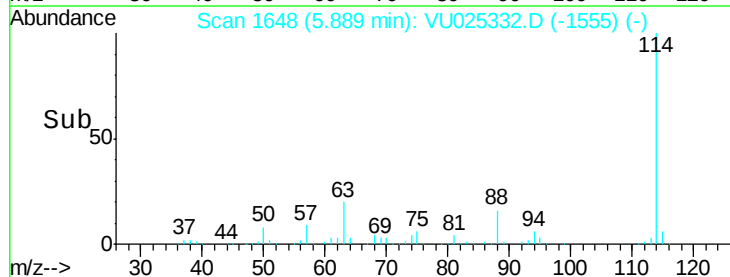
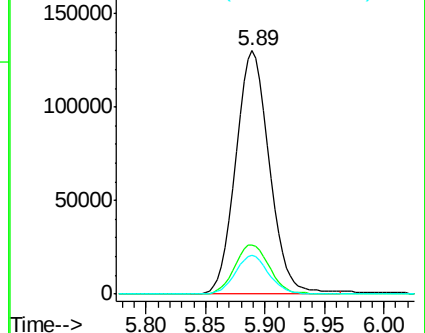
88 15.8 0.0 32.4

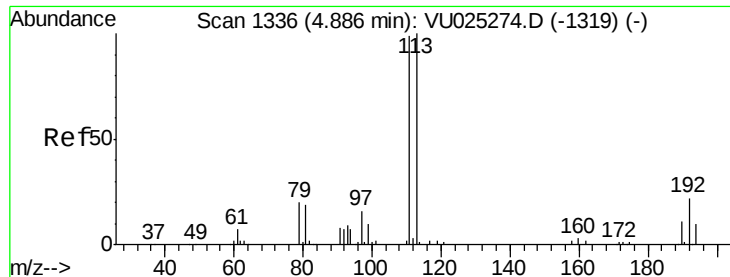


Abundance Ion 113.90 (113.60 to 114.60): VU025274.D (-1632) (-)

Ion 63.00 (62.70 to 63.70): VU025274.D (-1632) (-)

Ion 87.90 (87.60 to 88.60): VU025274.D (-1632) (-)

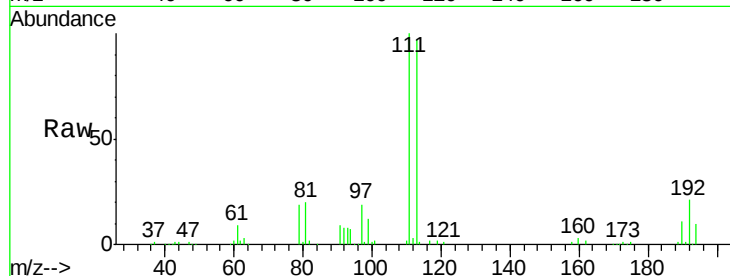




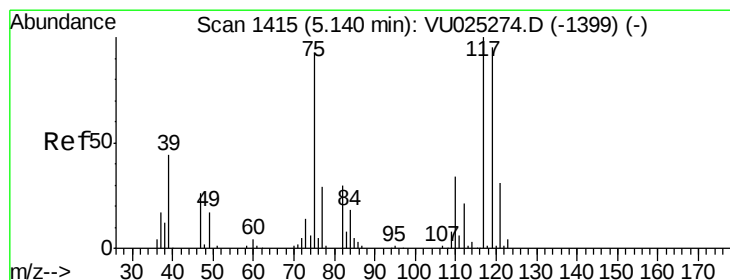
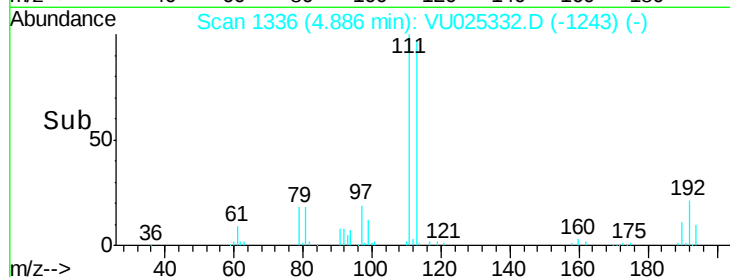
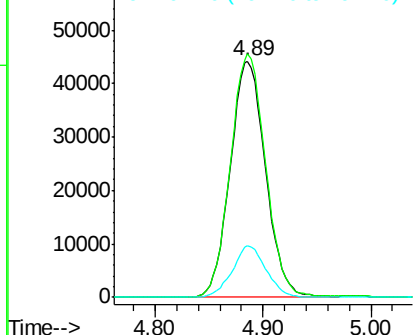
#35
 Dibromofluoromethane
 Concen: 46.64 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU025332.D
 Acq: 12 Jul 2018 11:36

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 100897
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.7 122.5
 192 21.0 17.1 25.7

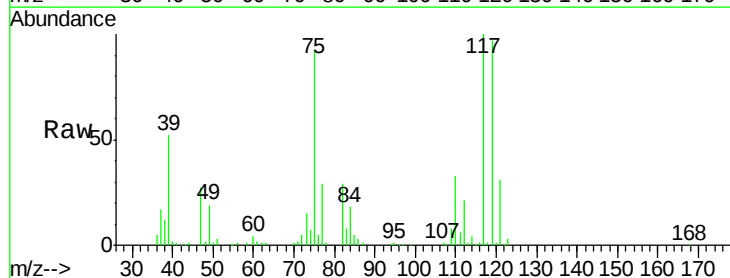


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

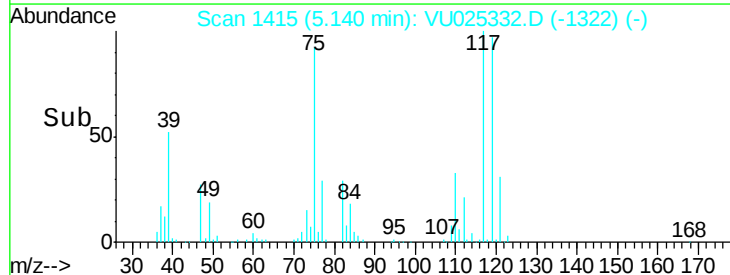
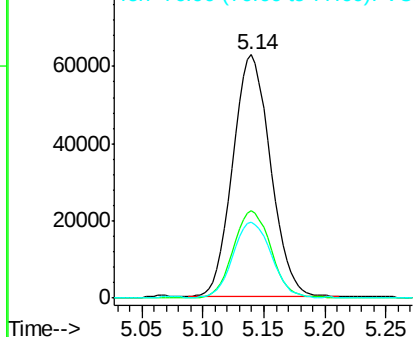


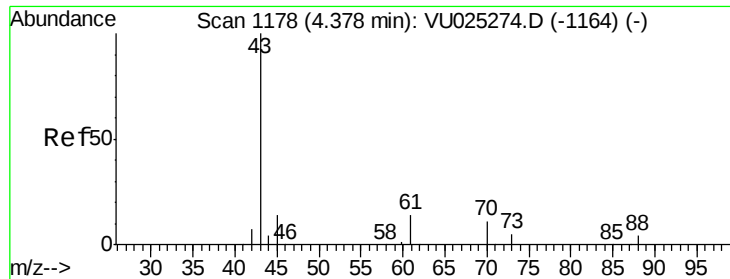
#36
 1,1-Dichloropropene
 Concen: 46.95 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VU025332.D
 Acq: 12 Jul 2018 11:36

Tgt Ion: 75 Resp: 133856
 Ion Ratio Lower Upper
 75 100
 110 36.5 17.6 52.9
 77 31.7 24.4 36.6



Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

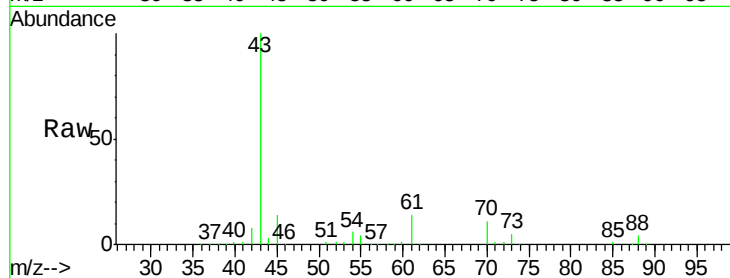




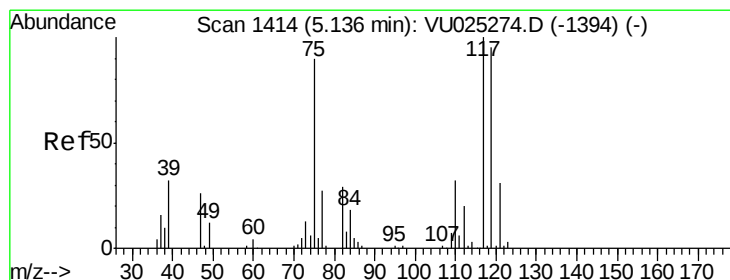
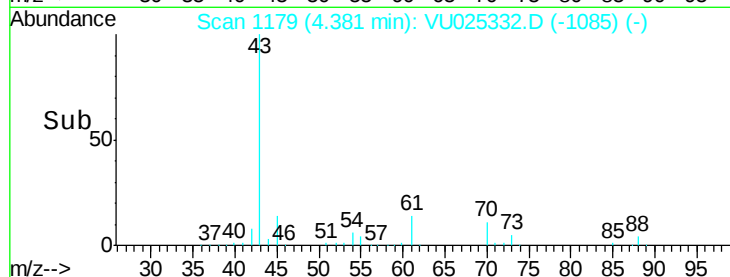
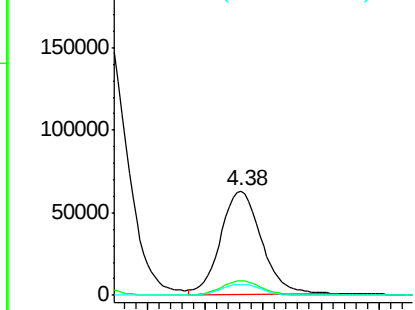
#37
Ethyl Acetate
Concen: 48.19 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU025332.D
Acq: 12 Jul 2018 11:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 153218
Ion Ratio Lower Upper
43 100
61 13.4 10.7 16.1
70 10.7 8.4 12.6

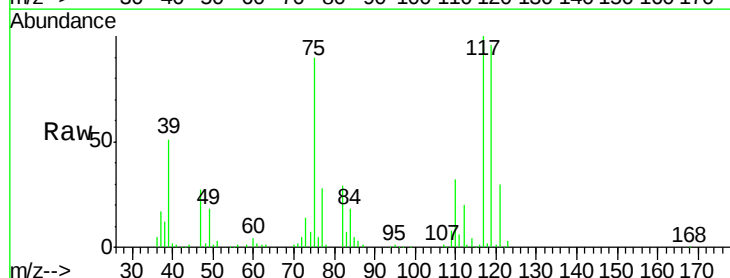


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 70.00 (69.70 to 70.70): VU0

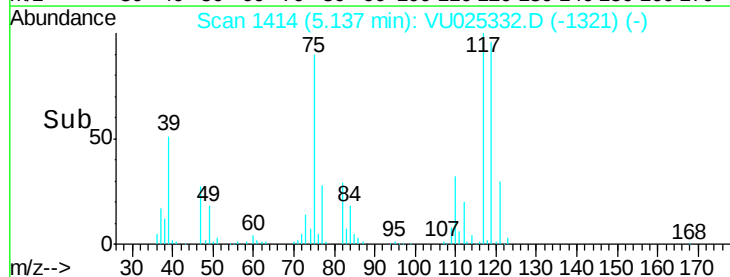
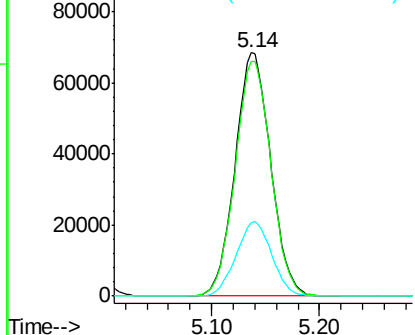


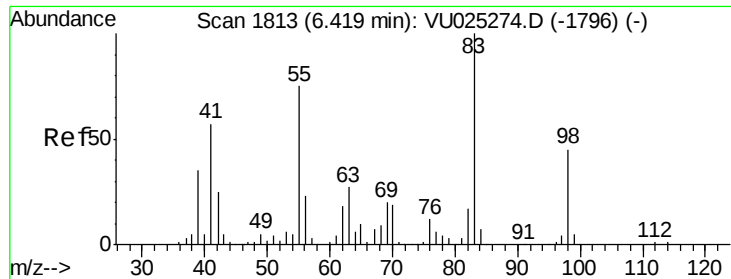
#38
Carbon Tetrachloride
Concen: 51.21 ug/l
RT: 5.14 min Scan# 1414
Delta R.T. 0.00 min
Lab File: VU025332.D
Acq: 12 Jul 2018 11:36

Tgt Ion: 117 Resp: 157127
Ion Ratio Lower Upper
117 100
119 96.4 75.7 113.5
121 30.0 24.6 36.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

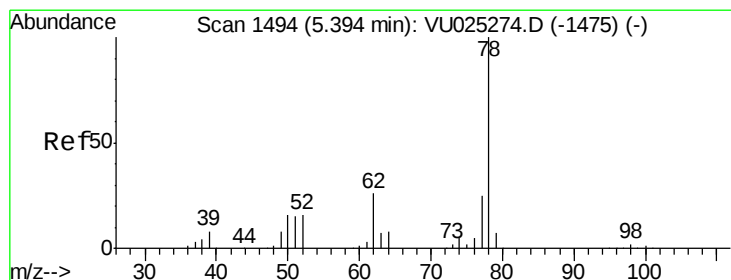
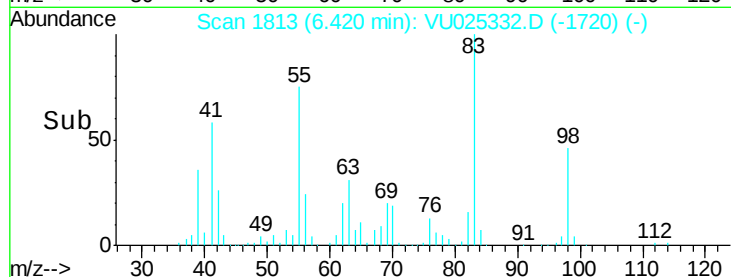
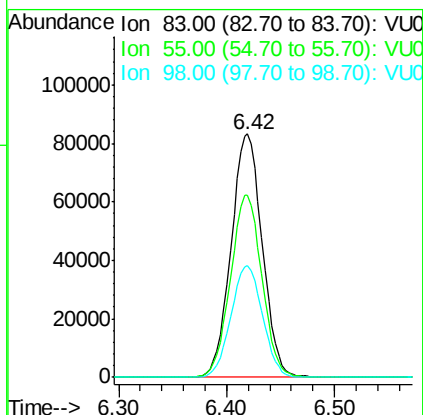
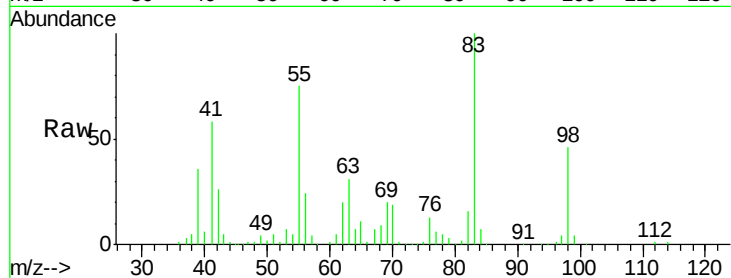




#39
Methvlcvclohexane
Concen: 47.18 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025332.D
Acq: 12 Jul 2018 11:36

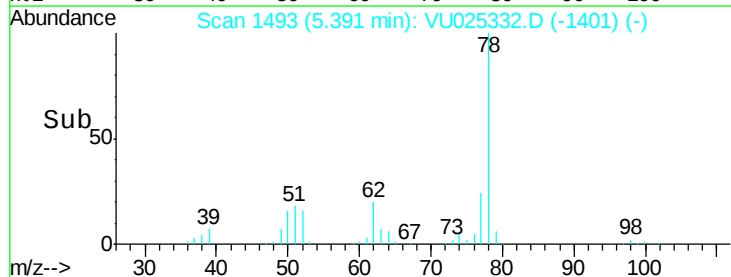
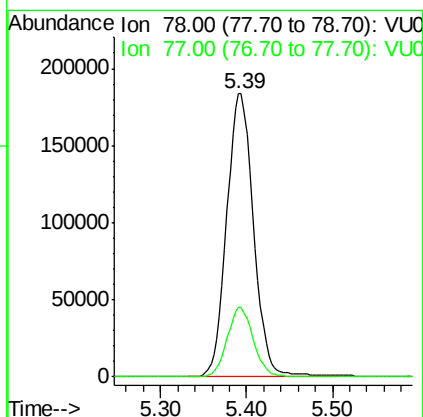
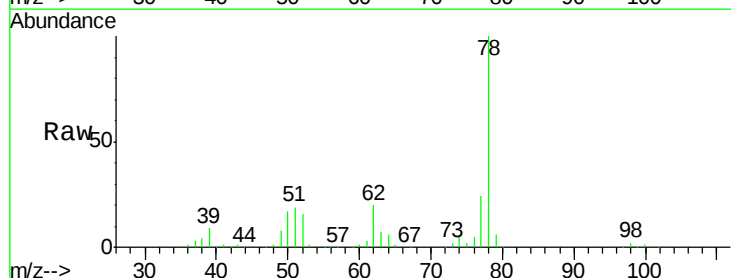
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

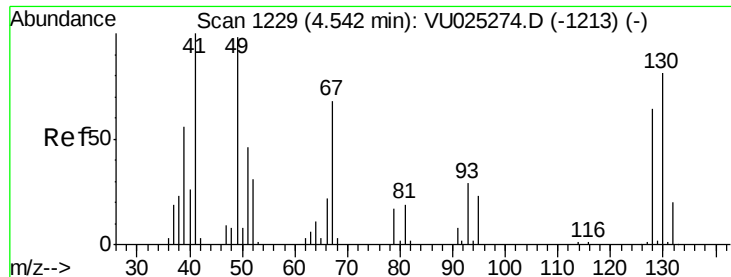
Tot Ion: 83 Resp: 167777
Ion Ratio Lower Upper
83 100
55 75.0 60.0 90.0
98 45.7 36.1 54.1



#40
Benzene
Concen: 48.70 ug/l
RT: 5.39 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VU025332.D
Acq: 12 Jul 2018 11:36

Tgt Ion: 78 Resp: 400129
Ion Ratio Lower Upper
78 100
77 24.5 19.8 29.6

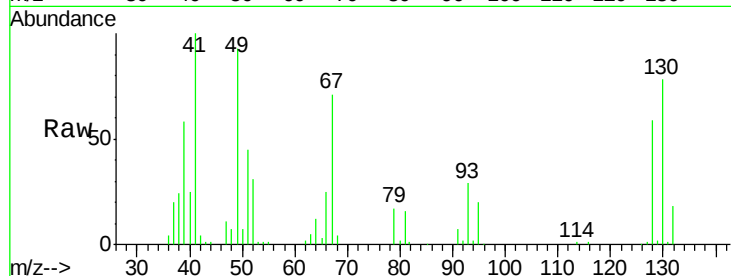




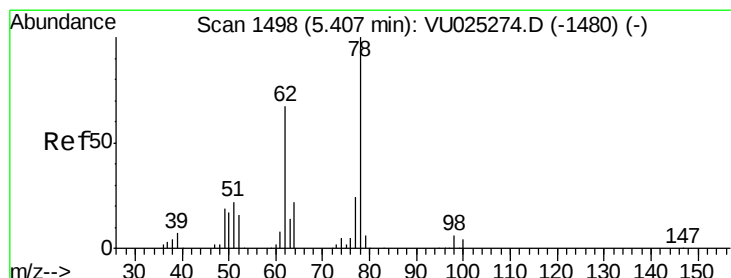
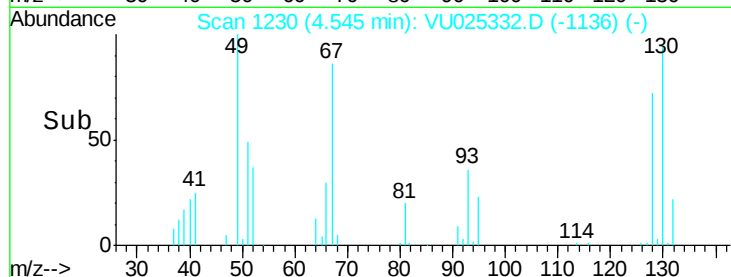
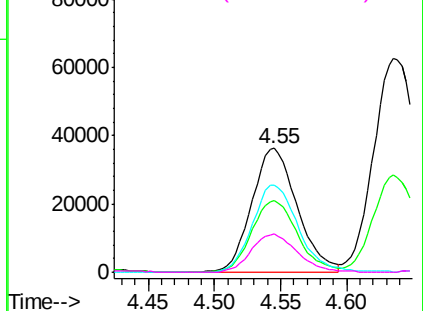
#41
Methacrylonitrile
Concen: 49.26 ug/l
RT: 4.55 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU025332.D
Acq: 12 Jul 2018 11:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	86839
Ion	Ratio	Lower	Upper
41	100		
39	58.3	44.4	66.6
67	71.0	56.0	84.0
52	30.6	24.6	36.8

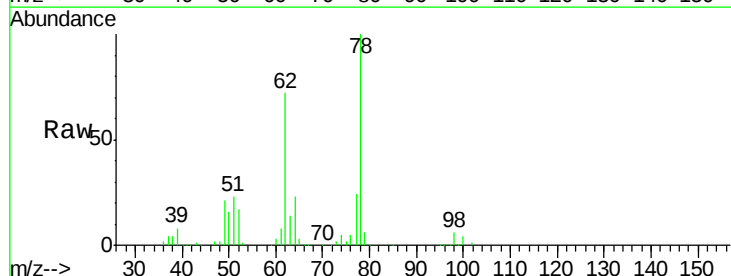


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

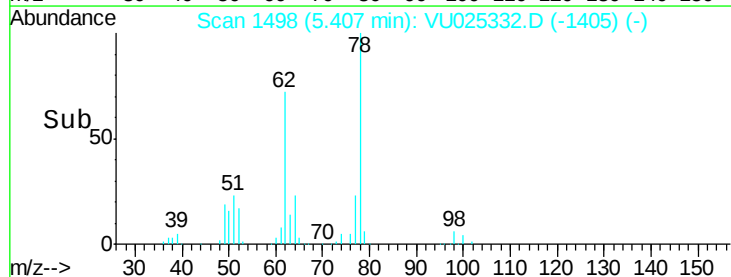
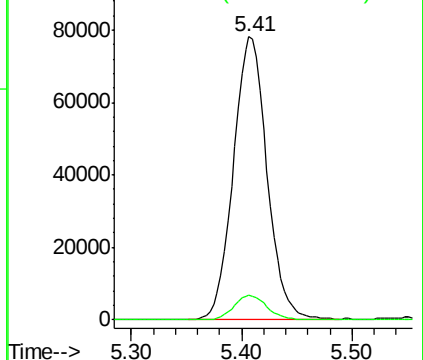


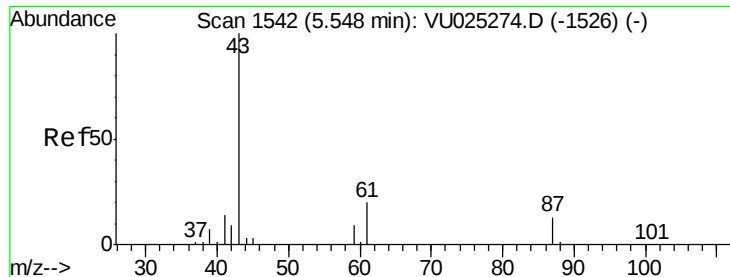
#42
1,2-Dichloroethane
Concen: 50.61 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. 0.00 min
Lab File: VU025332.D
Acq: 12 Jul 2018 11:36

Tgt Ion:	62	Resp:	165292
Ion	Ratio	Lower	Upper
62	100		
98	8.6	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: 49.43 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. 0.00 min

Lab File: VU025332.D

Acq: 12 Jul 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

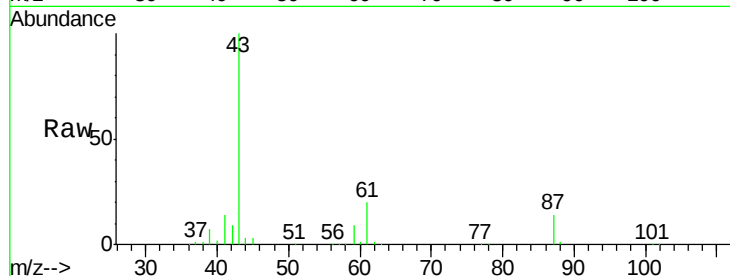
Tot Ion: 43 Resp: 251664

Ion Ratio Lower Upper

43 100

61 19.5 15.5 23.3

87 13.4 10.6 16.0

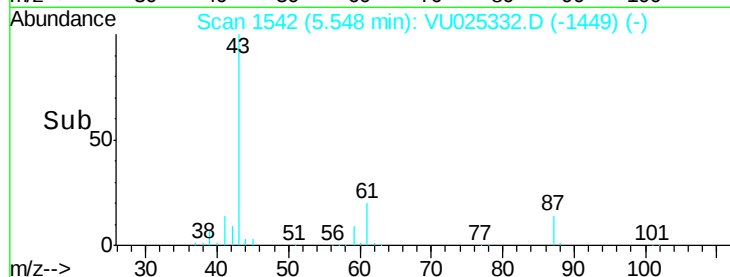


Abundance Ion 43.00 (42.70 to 43.70): VU025274.D (-1526) (-)

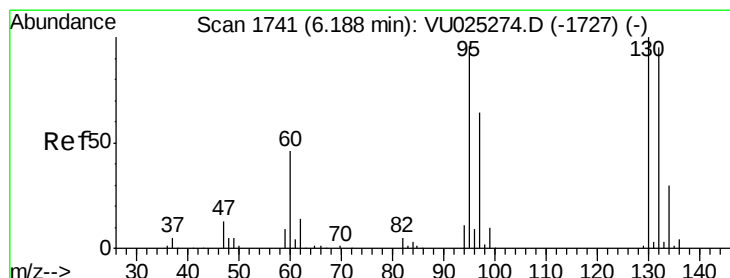
Ion 61.00 (60.70 to 61.70): VU025274.D (-1526) (-)

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

5.55



Time-->



#44

Trichloroethene

Concen: 47.28 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU025332.D

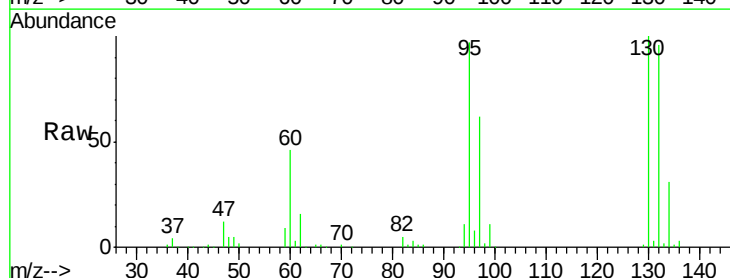
Acq: 12 Jul 2018 11:36

Tgt Ion: 130 Resp: 111539

Ion Ratio Lower Upper

130 100

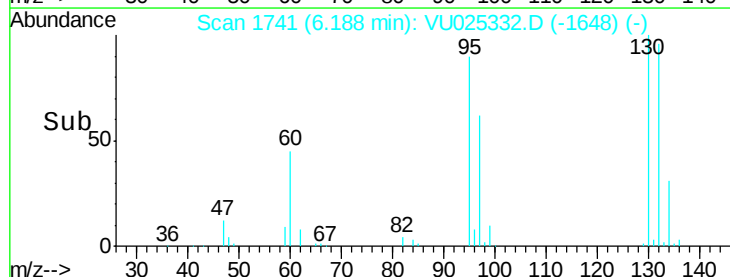
95 97.0 0.0 192.2



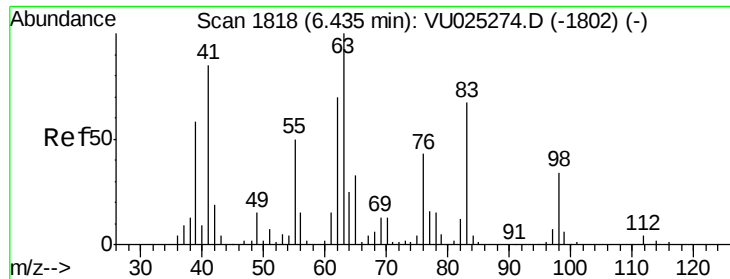
Abundance Ion 129.80 (129.50 to 130.50): VU025274.D (-1727) (-)

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

6.19



Time-->



#45

1,2-Dichloropropane

Concen: 50.05 ug/l

RT: 6.44 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VU025332.D

Acq: 12 Jul 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

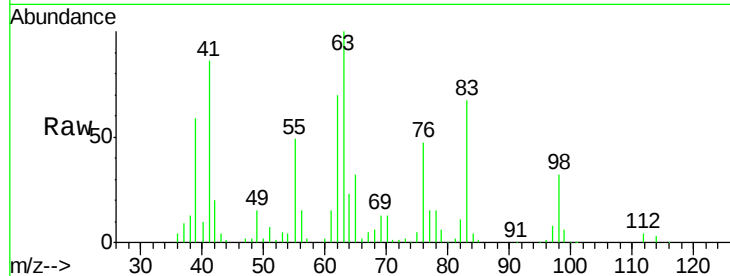
VSTDCCC050

Tot Ion: 63 Resp: 107696

Ion Ratio Lower Upper

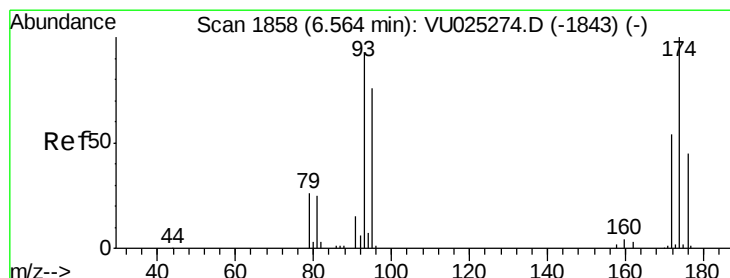
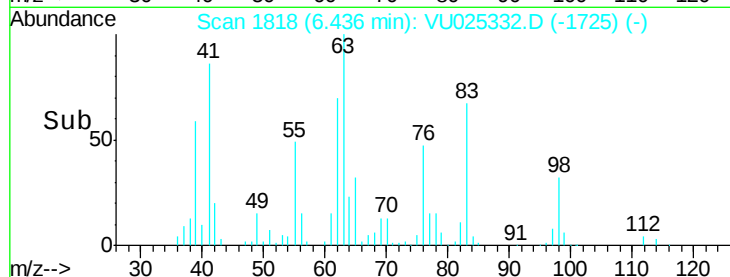
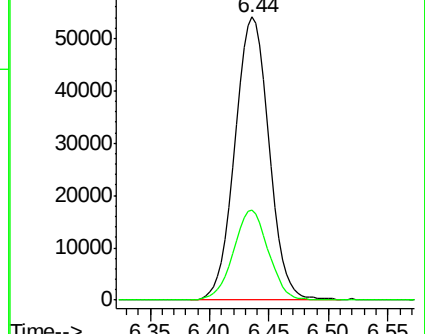
63 100

65 31.8 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: 49.58 ug/l

RT: 6.56 min Scan# 1857

Delta R.T. -0.00 min

Lab File: VU025332.D

Acq: 12 Jul 2018 11:36

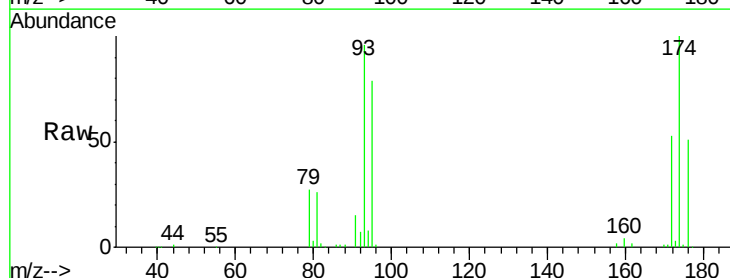
Tgt Ion: 93 Resp: 77644

Ion Ratio Lower Upper

93 100

95 82.1 66.6 100.0

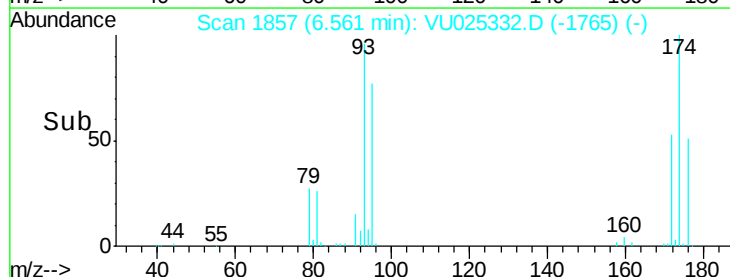
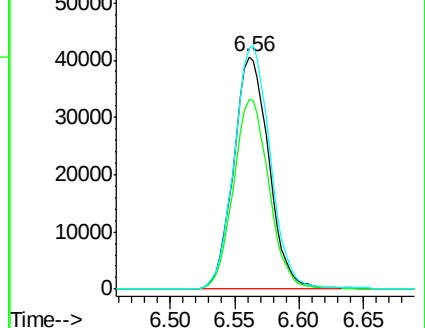
174 106.5 85.8 128.8

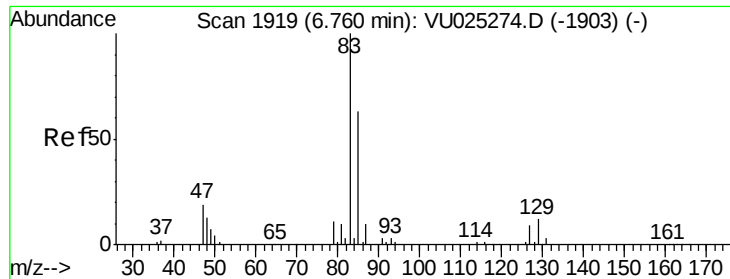


Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.82 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025332.D

Acq: 12 Jul 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

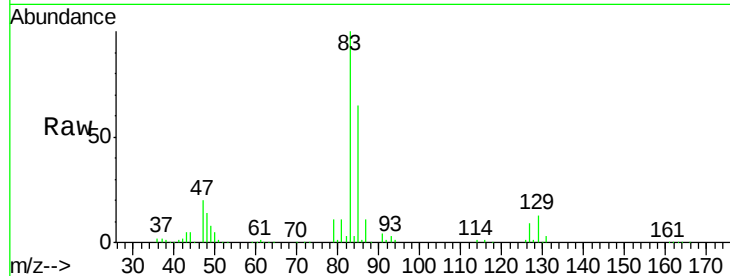
Tot Ion: 83 Resp: 150734

Ion Ratio Lower Upper

83 100

85 64.9 50.2 75.4

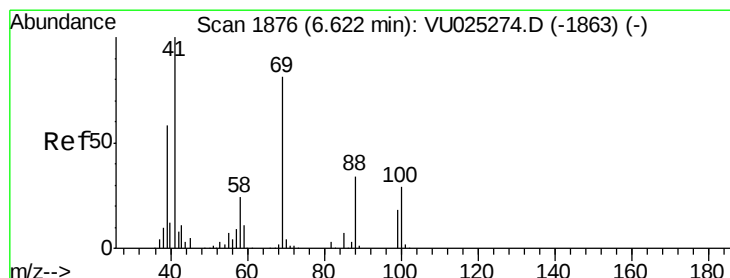
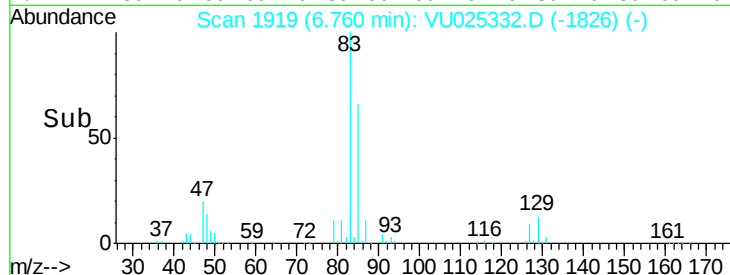
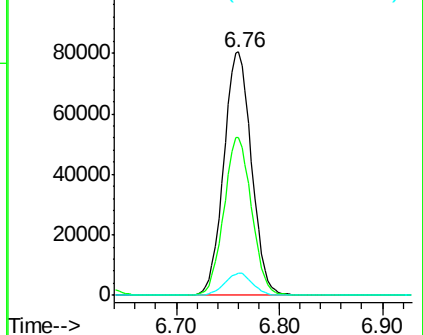
127 9.3 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.46 ug/l

RT: 6.62 min Scan# 1876

Delta R.T. 0.00 min

Lab File: VU025332.D

Acq: 12 Jul 2018 11:36

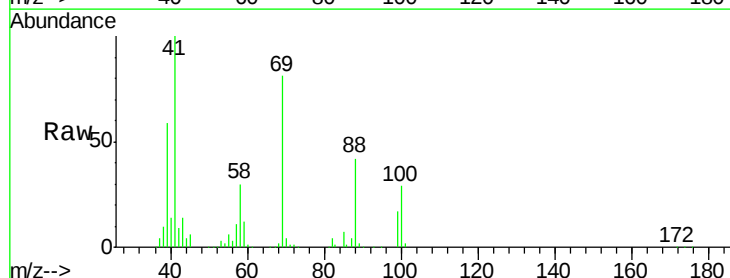
Tgt Ion: 41 Resp: 128079

Ion Ratio Lower Upper

41 100

69 81.7 65.0 97.4

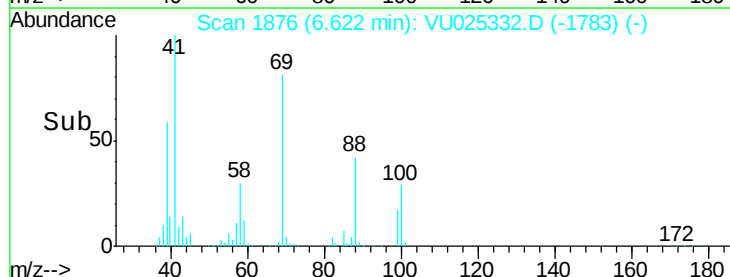
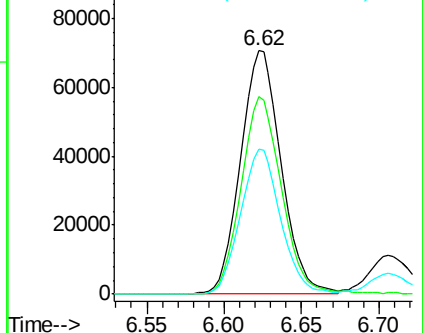
39 58.5 46.4 69.6

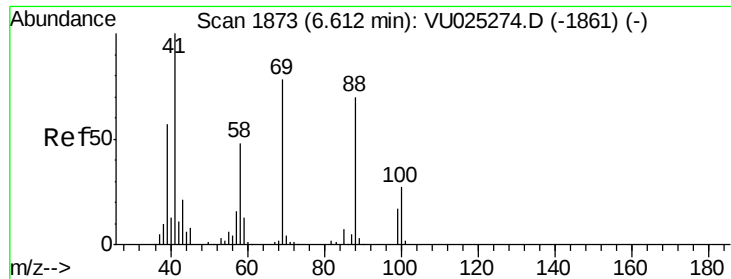


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 39.00 (38.70 to 39.70): VU0





#49

1,4-Dioxane

Concen: 1003.38 ug/l

RT: 6.62 min Scan# 1876

Delta R.T. 0.01 min

Lab File: VU025332.D

Acq: 12 Jul 2018 11:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

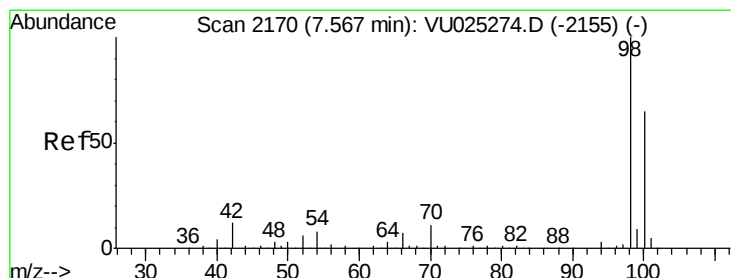
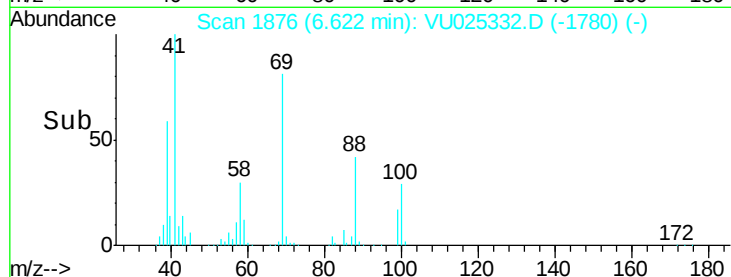
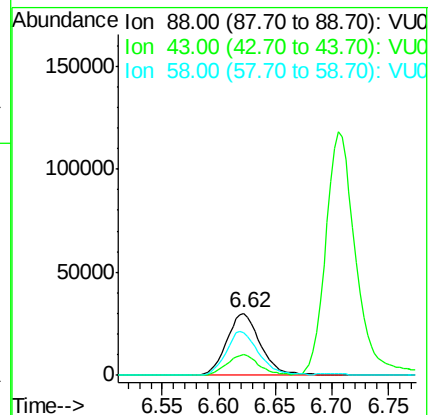
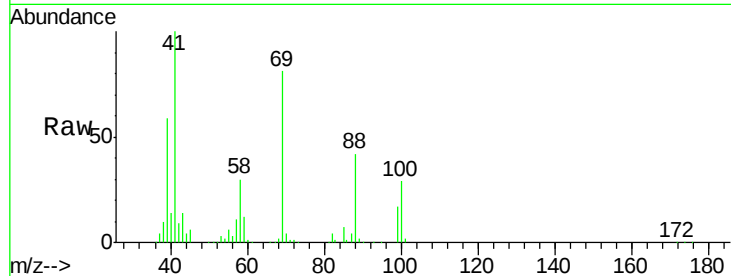
Tot Ion: 88 Resp: 61281

Ion Ratio Lower Upper

88 100

43 33.0 27.3 40.9

58 70.1 57.6 86.4



#50

Toluene-d8

Concen: 44.78 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. 0.00 min

Lab File: VU025332.D

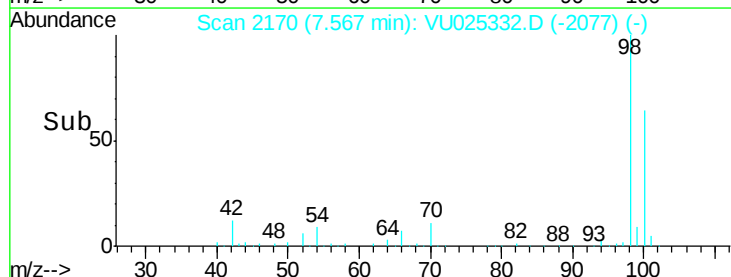
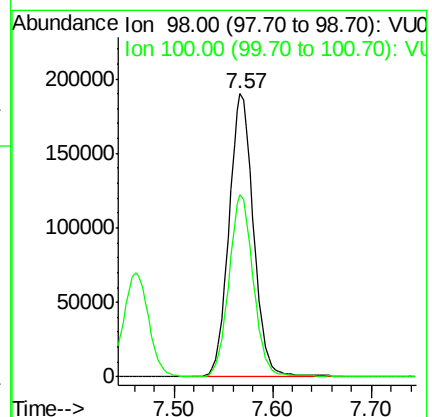
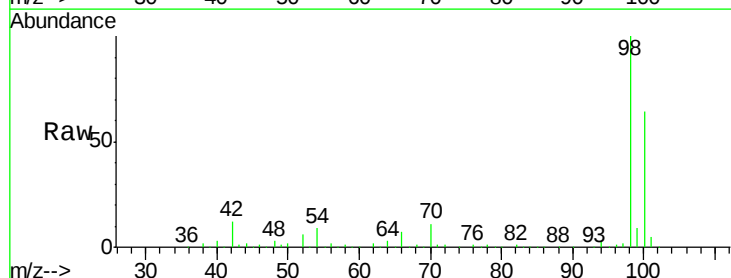
Acq: 12 Jul 2018 11:36

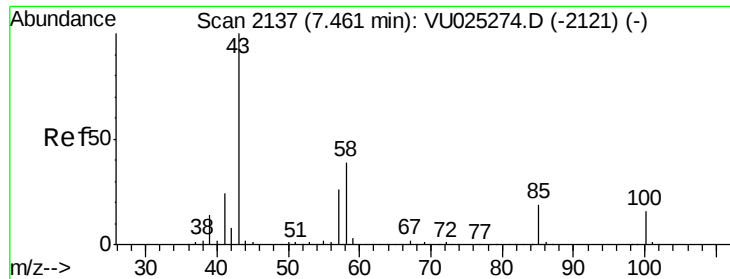
Tgt Ion: 98 Resp: 331705

Ion Ratio Lower Upper

98 100

100 63.4 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 243.02 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. 0.00 min

Lab File: VU025332.D

Acq: 12 Jul 2018 11:36

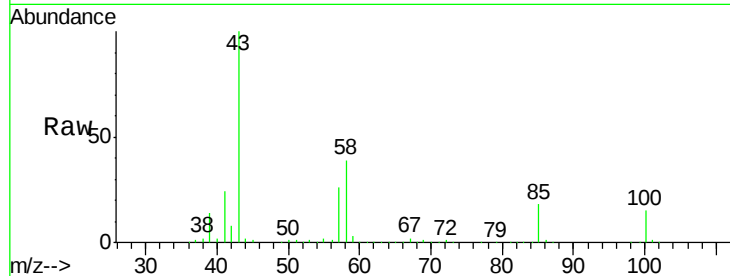
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 804214

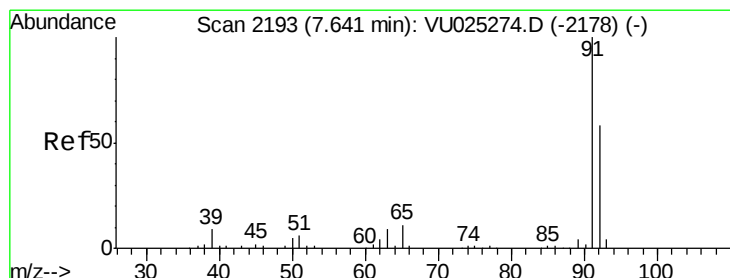
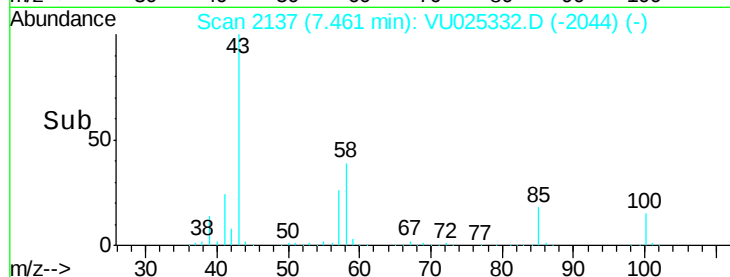
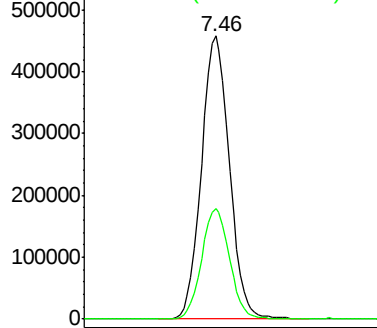
Ion Ratio Lower Upper

43 100

58 39.1 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: 49.49 ug/l

RT: 7.64 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VU025332.D

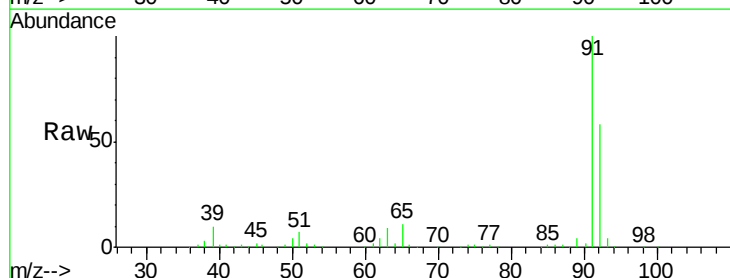
Acq: 12 Jul 2018 11:36

Tgt Ion: 92 Resp: 258673

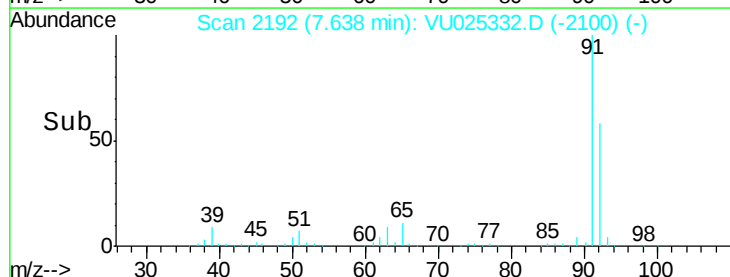
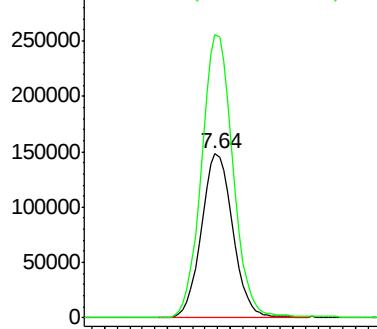
Ion Ratio Lower Upper

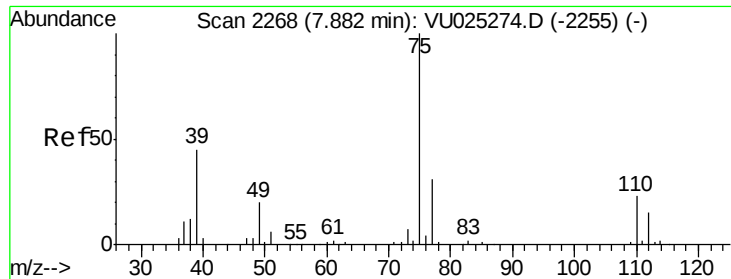
92 100

91 173.5 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VU0
Ion 91.00 (90.70 to 91.70): VU0

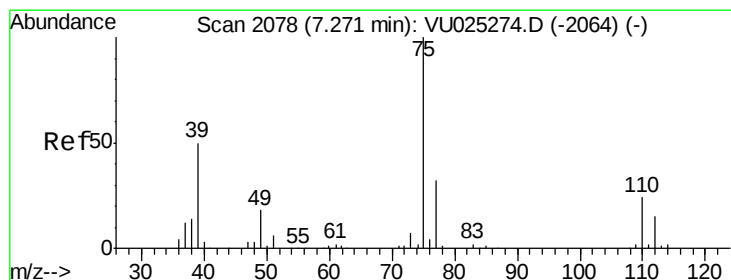
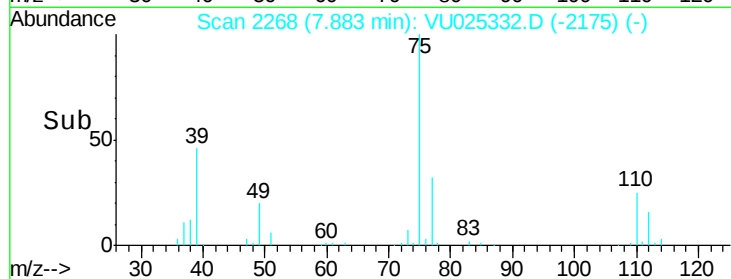
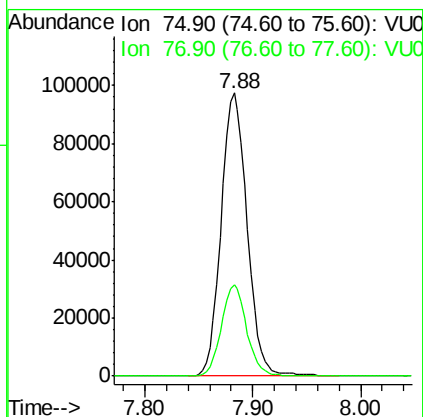
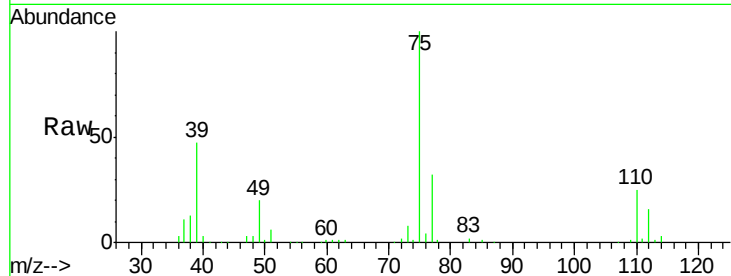




#53
 t-1,3-Dichloropropene
 Concen: 51.20 ug/l
 RT: 7.88 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: VU025332.D
 Acq: 12 Jul 2018 11:36

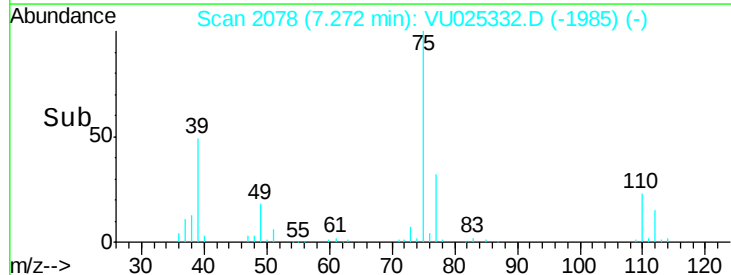
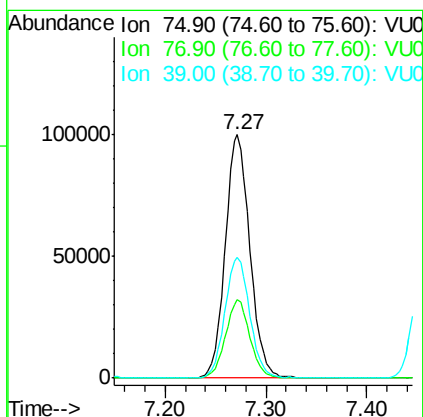
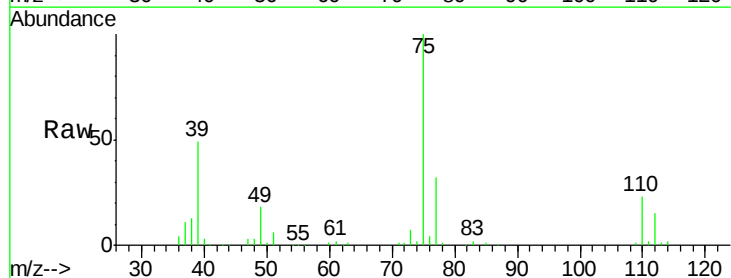
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

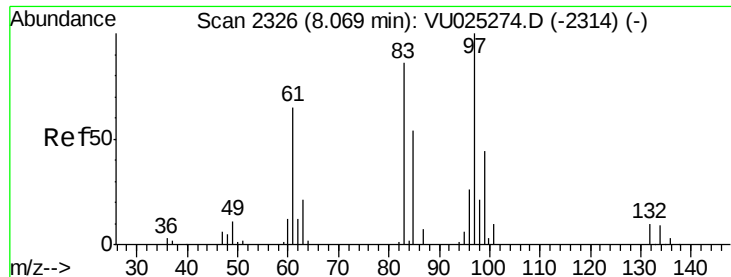
Tot Ion: 75 Resp: 163655
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 50.07 ug/l
 RT: 7.27 min Scan# 2078
 Delta R.T. 0.00 min
 Lab File: VU025332.D
 Acq: 12 Jul 2018 11:36

Tgt Ion: 75 Resp: 170334
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.6 38.4
 39 49.3 40.0 60.0

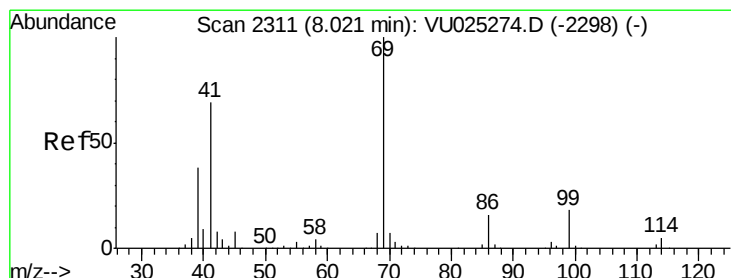
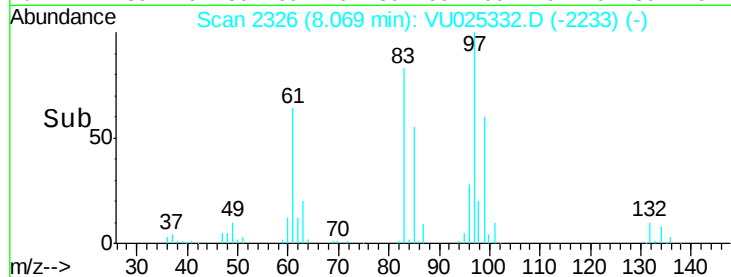
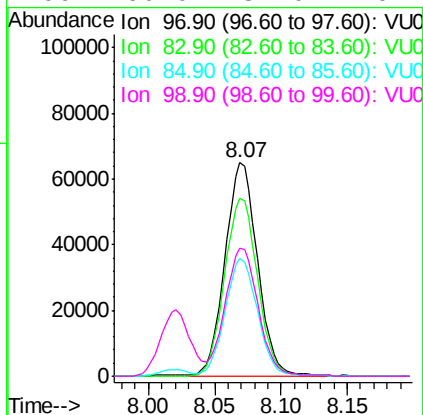
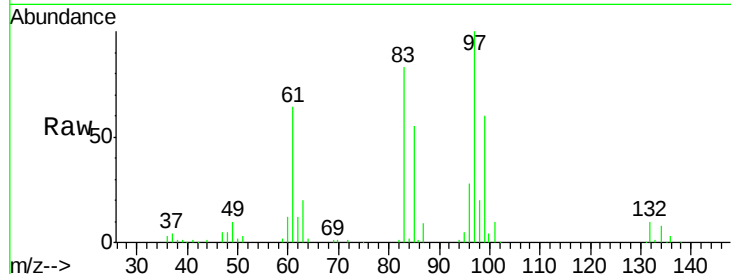




#55
 1,1,2-Trichloroethane
 Concen: 50.45 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU025332.D
 Acq: 12 Jul 2018 11:36

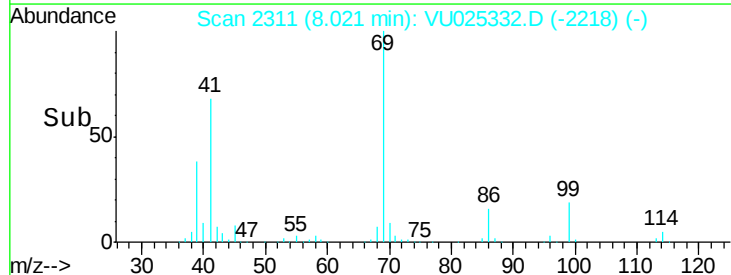
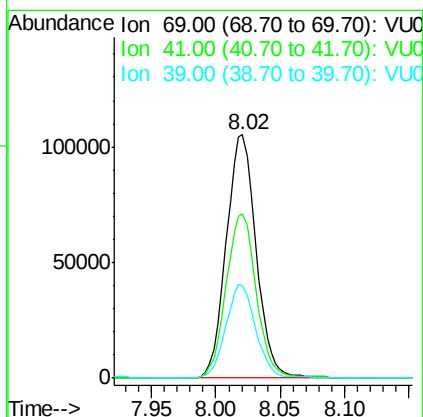
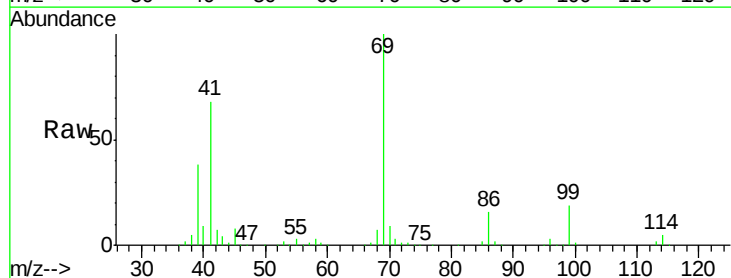
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

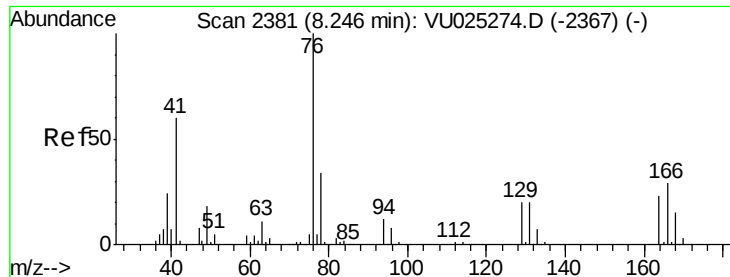
Tot Ion:	97	Resp:	109821
Ion	Ratio	Lower	Upper
97	100		
83	83.3	68.9	103.3
85	55.1	44.4	66.6
99	60.0	51.0	76.4



#56
 Ethyl methacrylate
 Concen: 49.87 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU025332.D
 Acq: 12 Jul 2018 11:36

Tgt Ion:	69	Resp:	169558
Ion	Ratio	Lower	Upper
69	100		
41	67.7	54.8	82.2
39	37.6	31.1	46.7





#57

1,3-Dichloropropane

Concen: 50.62 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. 0.00 min

Lab File: VU025332.D

Acq: 12 Jul 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

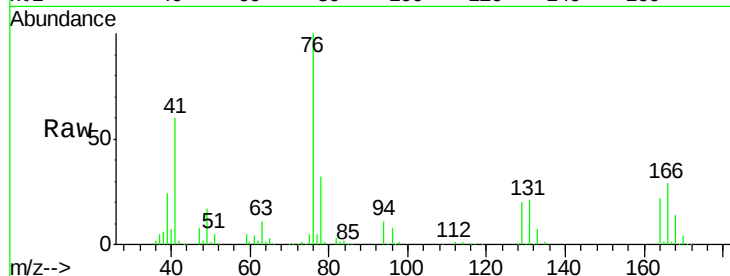
VSTDCCC050

Tot Ion: 76 Resp: 182944

Ion Ratio Lower Upper

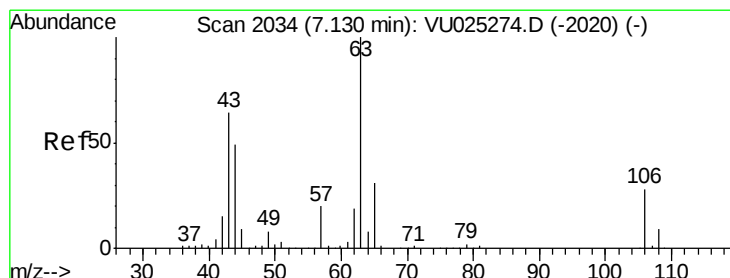
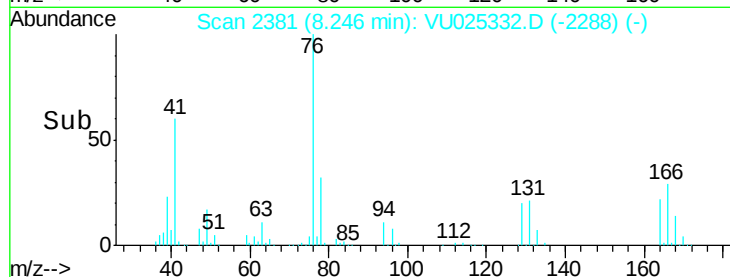
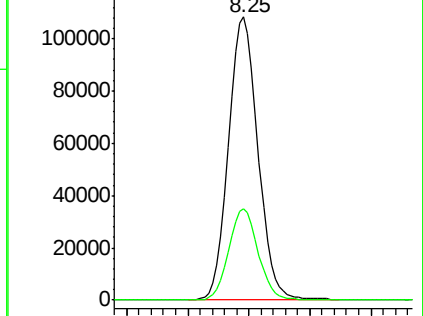
76 100

78 32.3 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 181.66 ug/l

RT: 7.13 min Scan# 2034

Delta R.T. 0.00 min

Lab File: VU025332.D

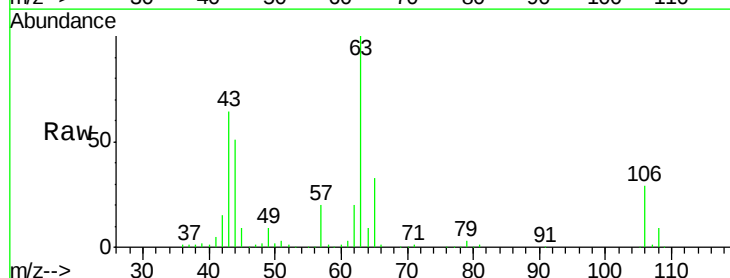
Acq: 12 Jul 2018 11:36

Tgt Ion: 63 Resp: 279062

Ion Ratio Lower Upper

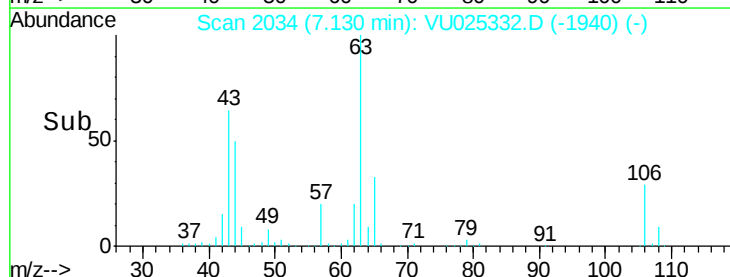
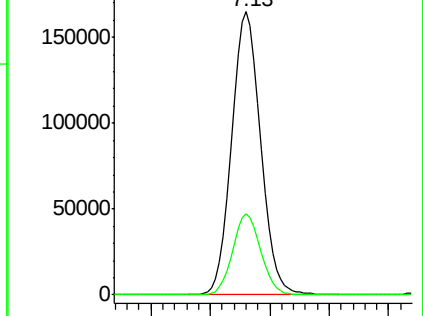
63 100

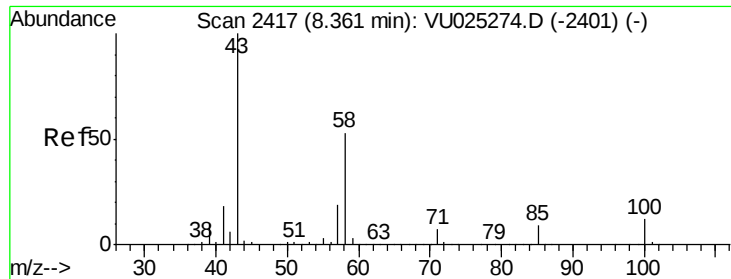
106 27.8 22.3 33.5



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V

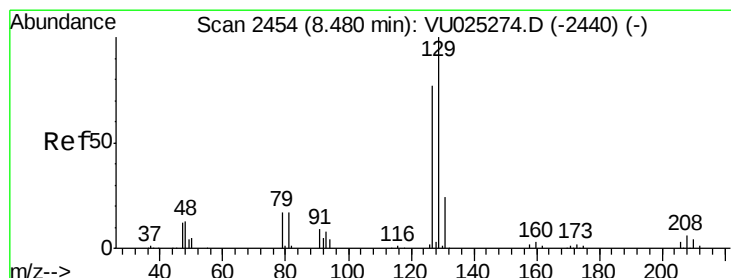
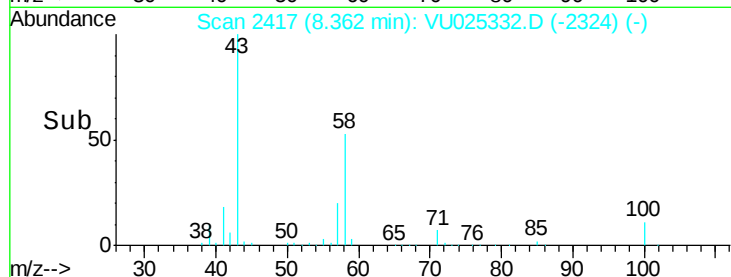
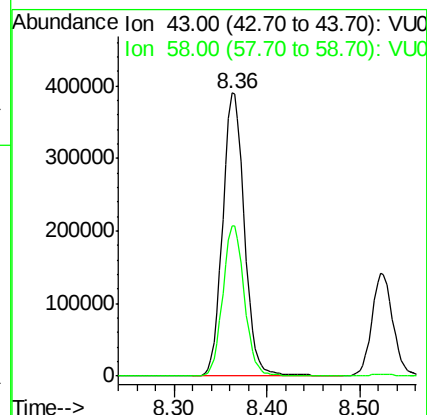
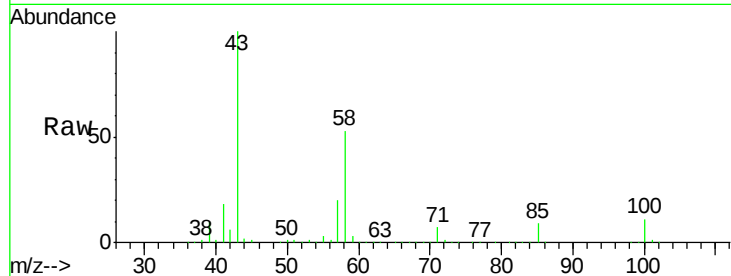




#59
2-Hexanone
Concen: 237.03 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. 0.00 min
Lab File: VU025332.D
Acq: 12 Jul 2018 11:36

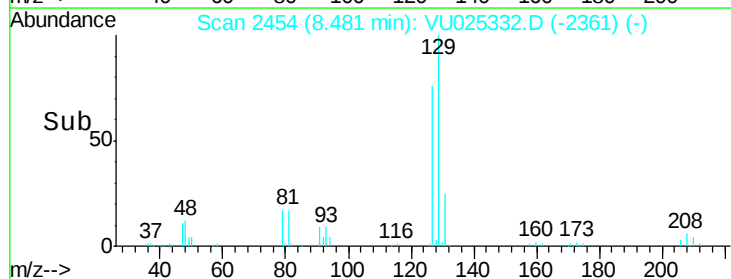
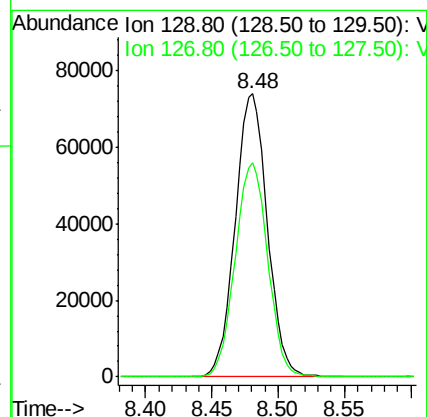
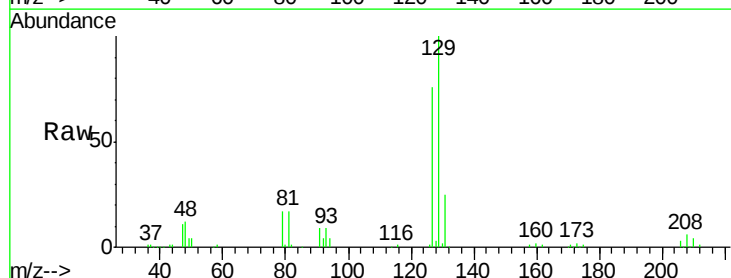
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

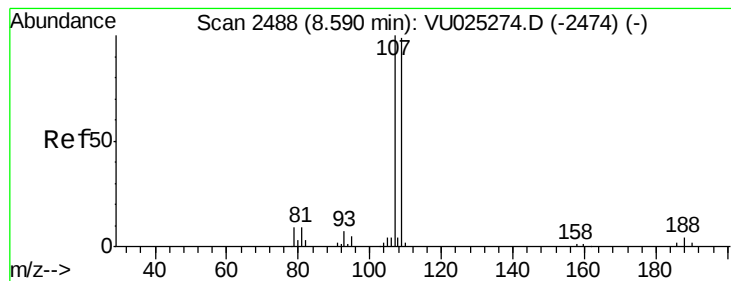
Tot Ion: 43 Resp: 636230
Ion Ratio Lower Upper
43 100
58 53.1 26.2 78.5



#60
Dibromochloromethane
Concen: 53.09 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025332.D
Acq: 12 Jul 2018 11:36

Tgt Ion: 129 Resp: 124804
Ion Ratio Lower Upper
129 100
127 76.6 38.6 115.8





#61

1,2-Dibromoethane

Concen: 50.50 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025332.D

Acq: 12 Jul 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

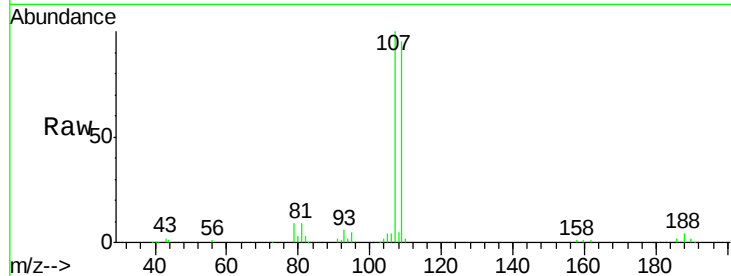
VSTDCCC050

Tot Ion:107 Resp: 117634

Ion Ratio Lower Upper

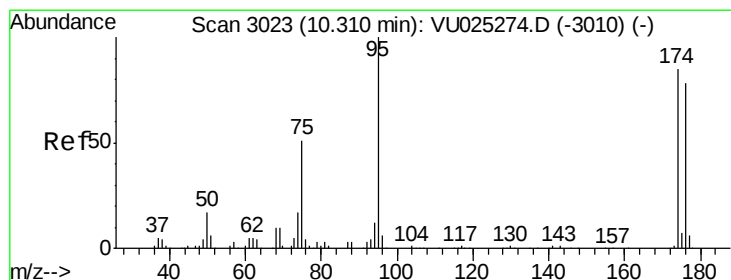
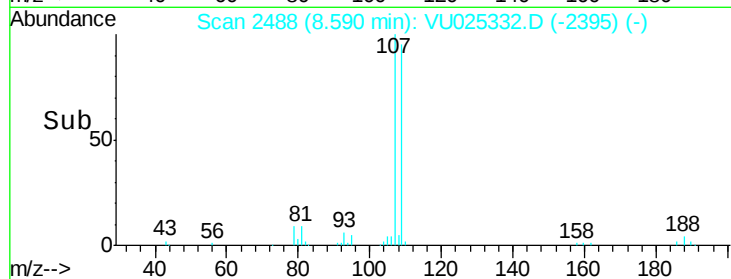
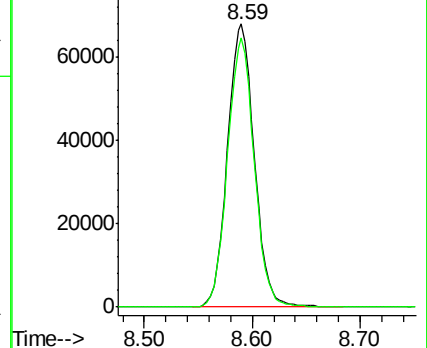
107 100

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: 45.95 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025332.D

Acq: 12 Jul 2018 11:36

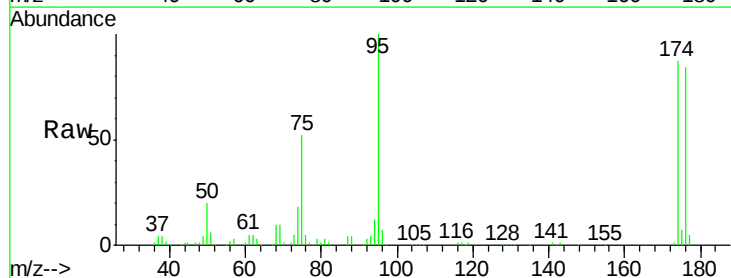
Tgt Ion: 95 Resp: 137038

Ion Ratio Lower Upper

95 100

174 86.6 0.0 172.2

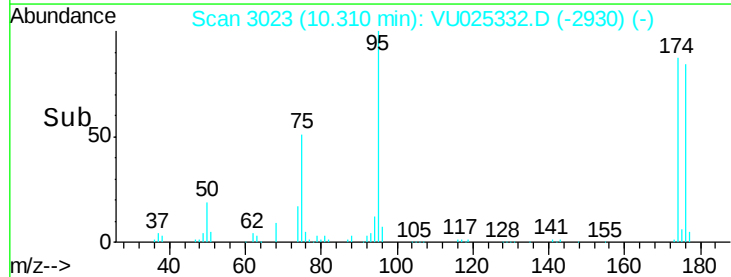
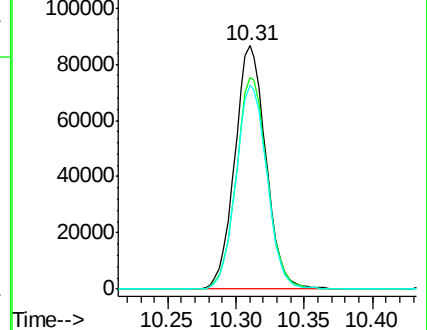
176 83.7 0.0 162.6

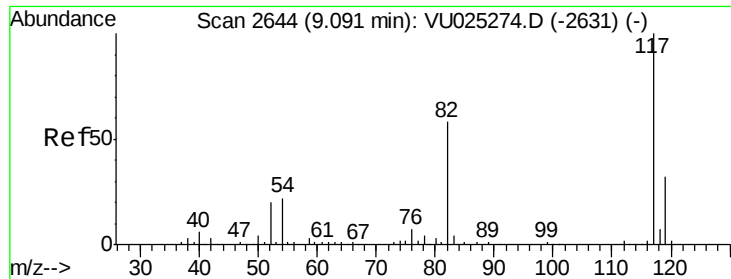


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

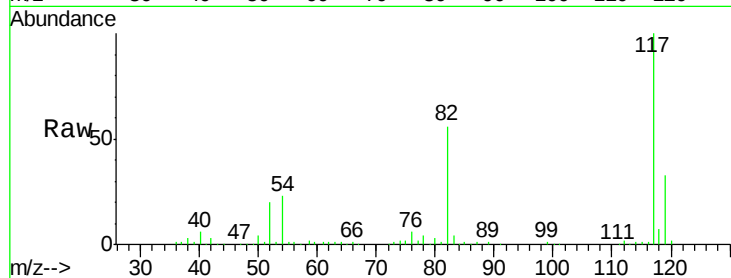




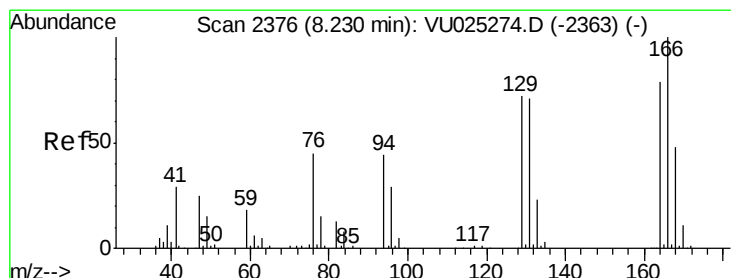
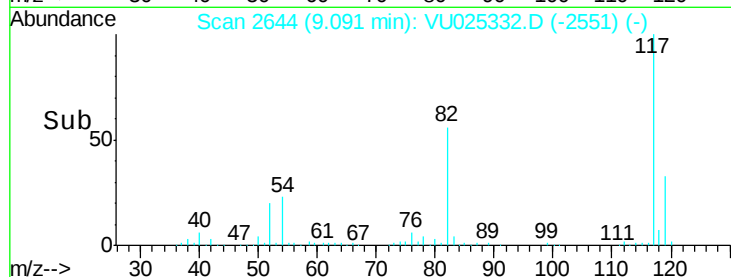
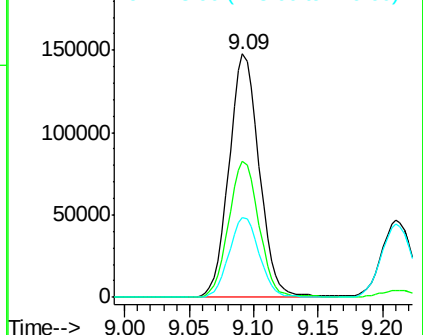
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025332.D
Acq: 12 Jul 2018 11:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 241135
Ion Ratio Lower Upper
117 100
82 55.6 46.0 69.0
119 32.7 26.0 39.0



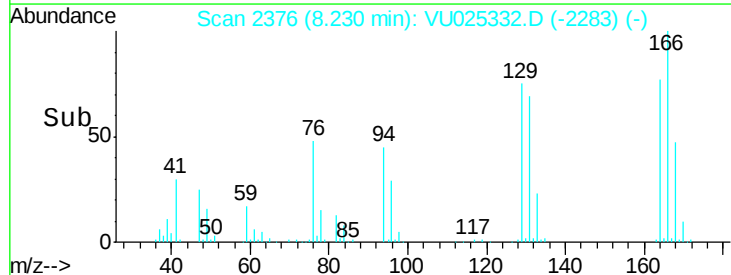
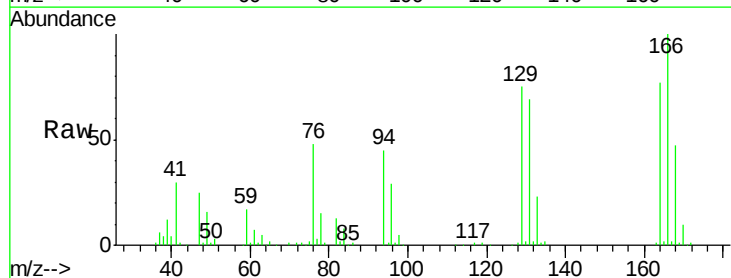
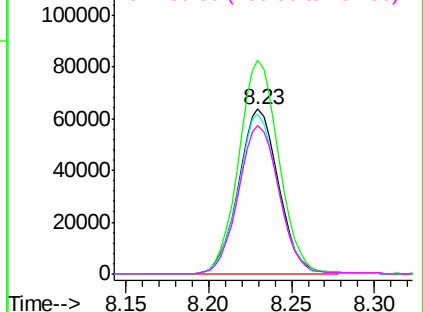
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

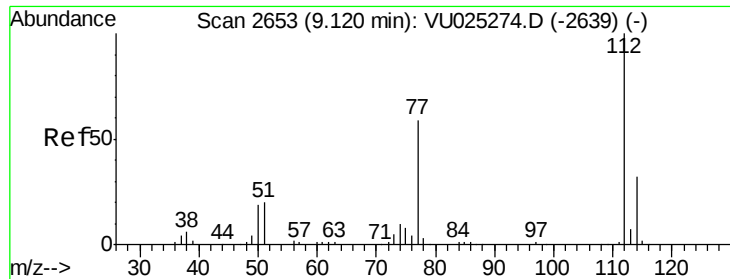


#64
Tetrachloroethene
Concen: 48.76 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025332.D
Acq: 12 Jul 2018 11:36

Tgt Ion:164 Resp: 107168
Ion Ratio Lower Upper
164 100
166 129.8 101.1 151.7
129 97.3 73.0 109.6
131 90.0 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

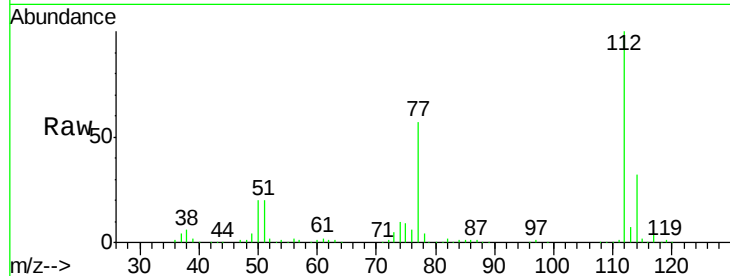




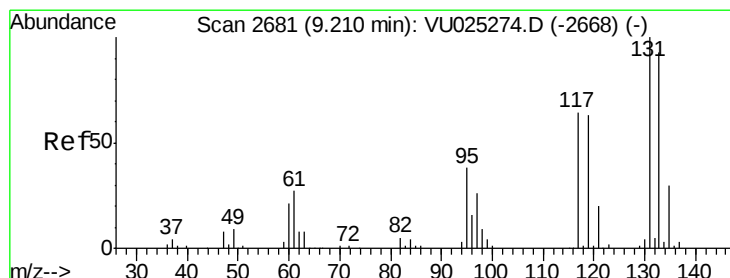
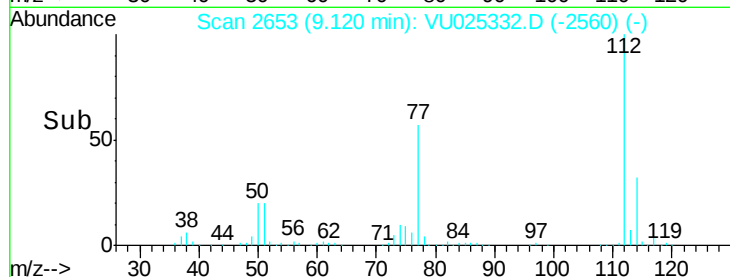
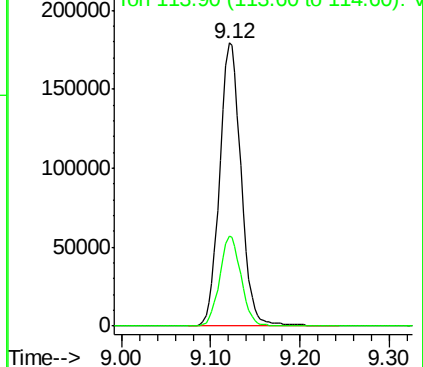
#65
Chlorobenzene
Concen: 49.66 ug/l
RT: 9.12 min Scan# 2653
Delta R.T. 0.00 min
Lab File: VU025332.D
Acq: 12 Jul 2018 11:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 299129
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.8

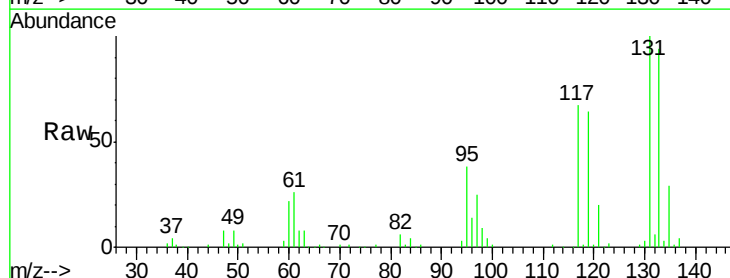


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

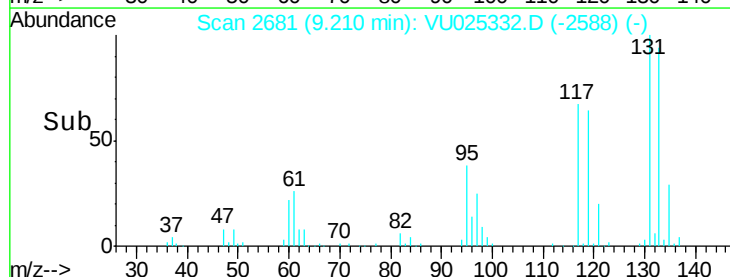
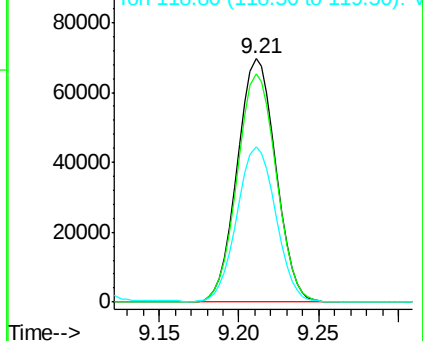


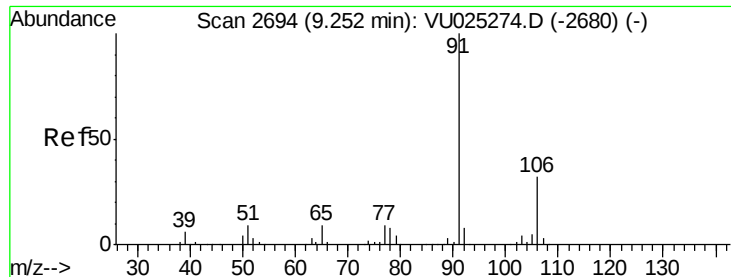
#66
1,1,1,2-Tetrachloroethane
Concen: 53.14 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU025332.D
Acq: 12 Jul 2018 11:36

Tgt Ion:131 Resp: 114511
Ion Ratio Lower Upper
131 100
133 94.7 47.8 143.3
119 64.3 31.6 95.0



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V

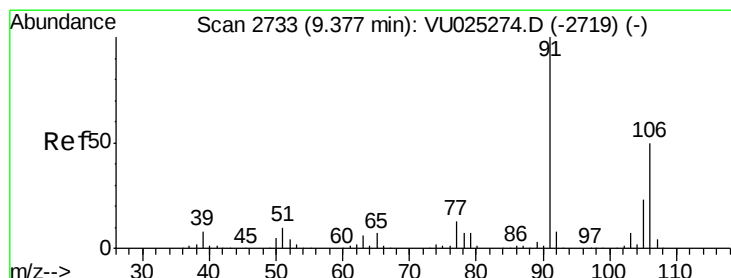
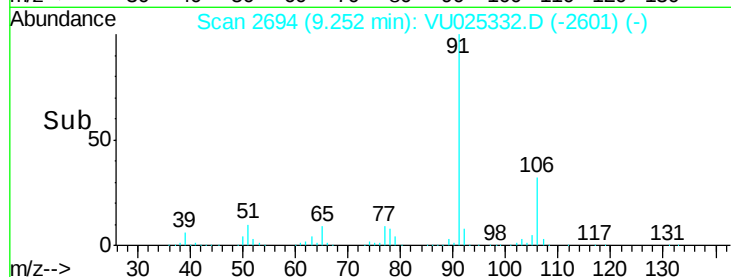
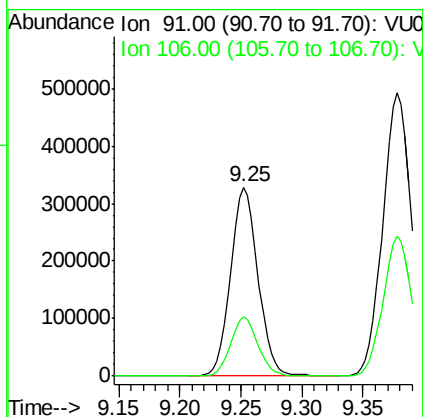
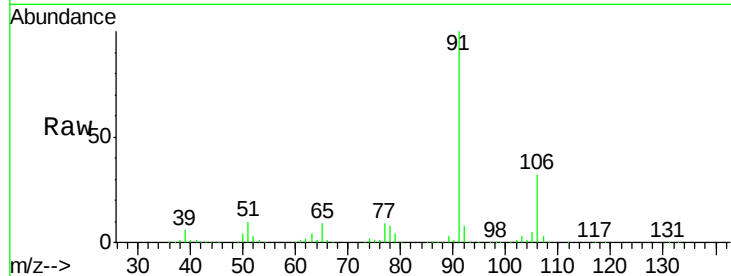




#67
Ethyl Benzene
Concen: 50.27 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025332.D
Acq: 12 Jul 2018 11:36

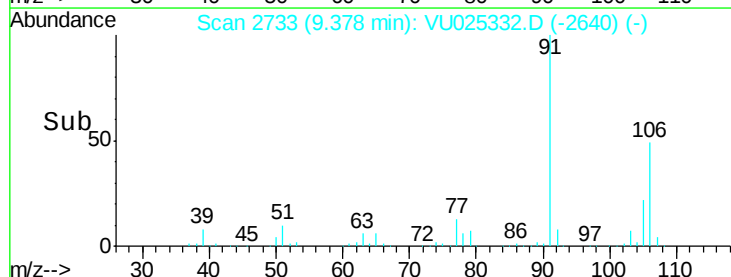
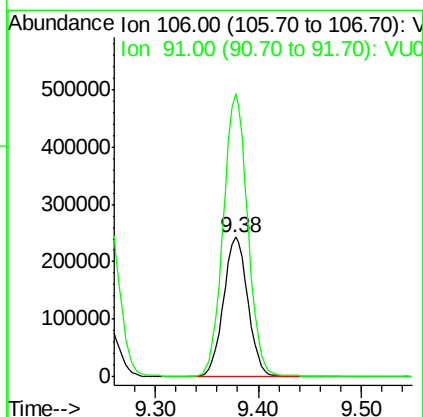
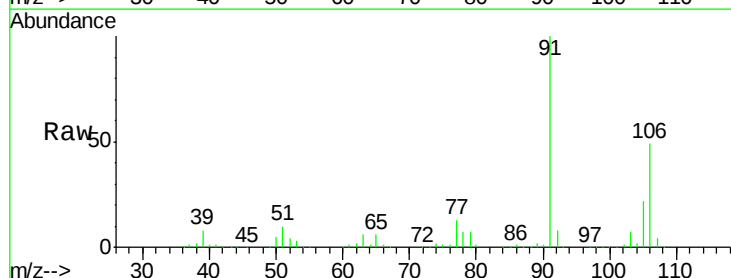
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 516243
Ion Ratio Lower Upper
91 100
106 31.6 25.3 37.9



#68
m/p-Xylenes
Concen: 101.32 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025332.D
Acq: 12 Jul 2018 11:36

Tgt Ion: 106 Resp: 402270
Ion Ratio Lower Upper
106 100
91 203.0 162.3 243.5

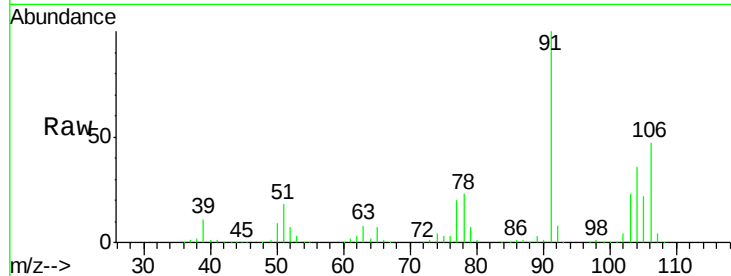




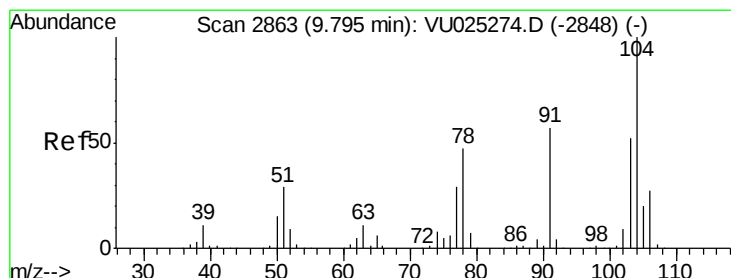
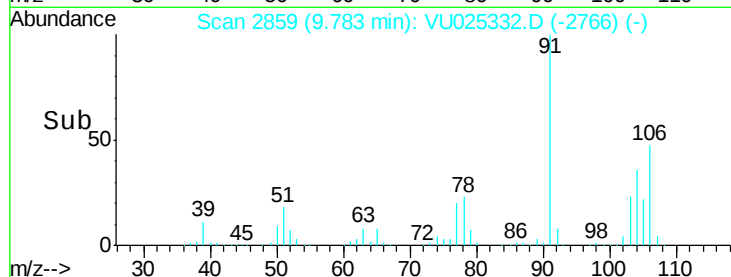
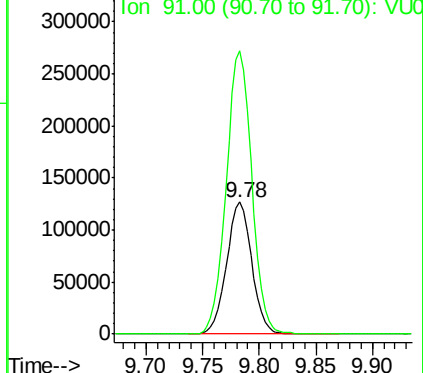
#69
o-Xylene
Concen: 49.71 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025332.D
Acq: 12 Jul 2018 11:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 197598
Ion Ratio Lower Upper
106 100
91 216.4 105.3 315.8

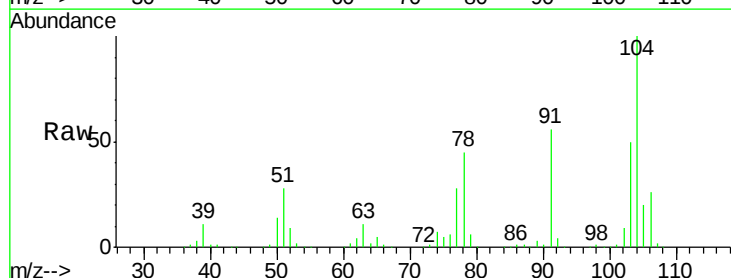


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

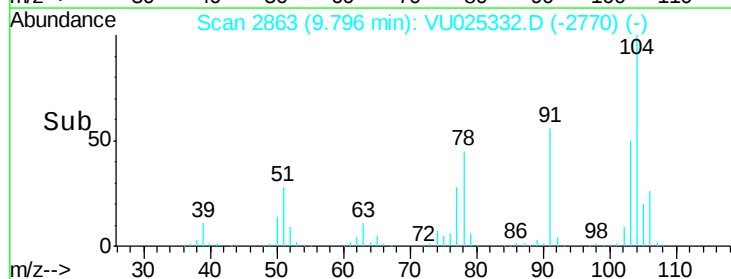
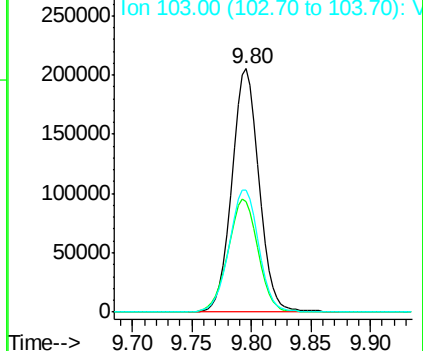


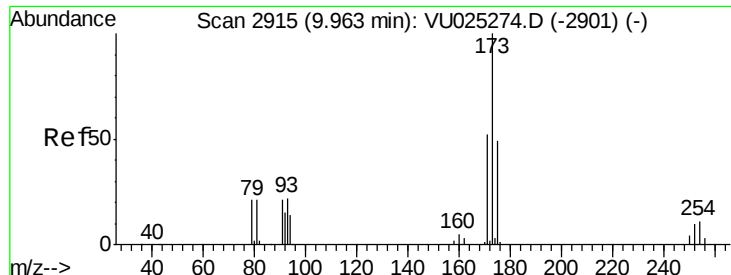
#70
Styrene
Concen: 51.52 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025332.D
Acq: 12 Jul 2018 11:36

Tgt Ion:104 Resp: 325288
Ion Ratio Lower Upper
104 100
78 51.1 41.6 62.4
103 55.1 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: 45.66 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025332.D

Acq: 12 Jul 2018 11:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

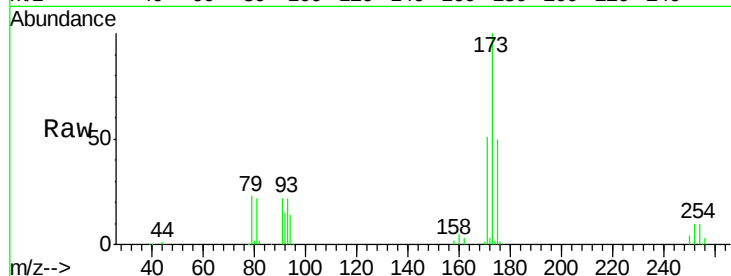
Tot Ion:173 Resp: 94209

Ion Ratio Lower Upper

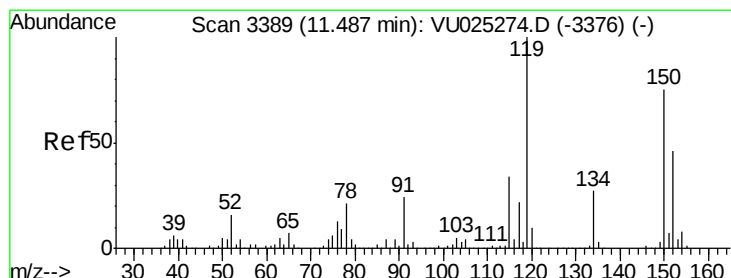
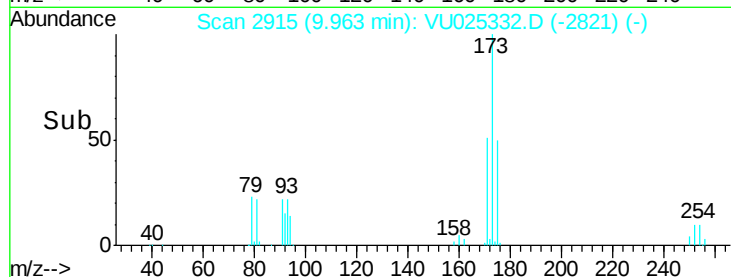
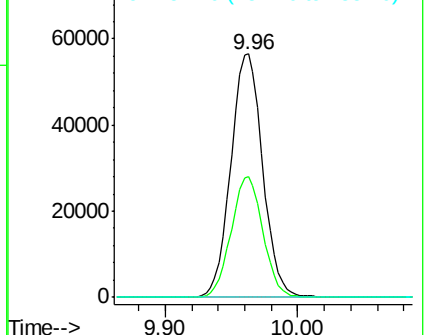
173 100

175 49.6 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: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025332.D

Acq: 12 Jul 2018 11:36

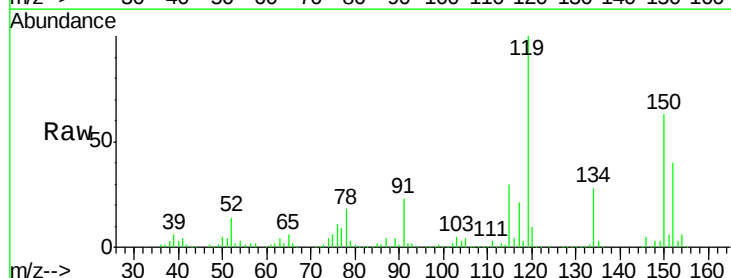
Tgt Ion:152 Resp: 147650

Ion Ratio Lower Upper

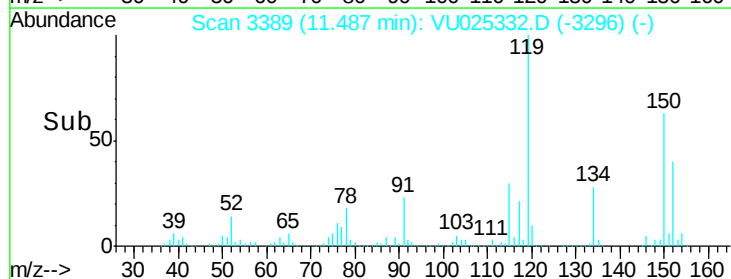
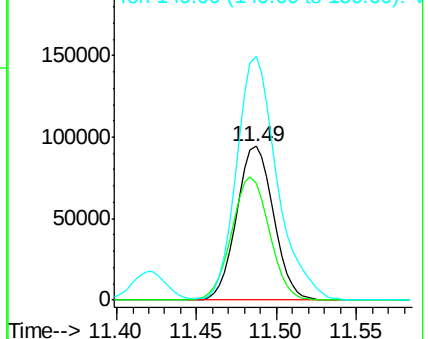
152 100

115 82.3 40.1 120.3

150 174.6 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: 48.08 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025332.D

Acq: 12 Jul 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

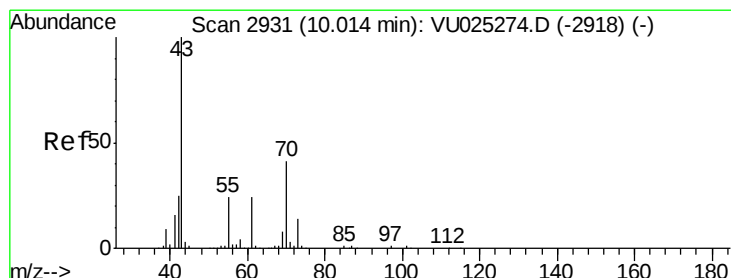
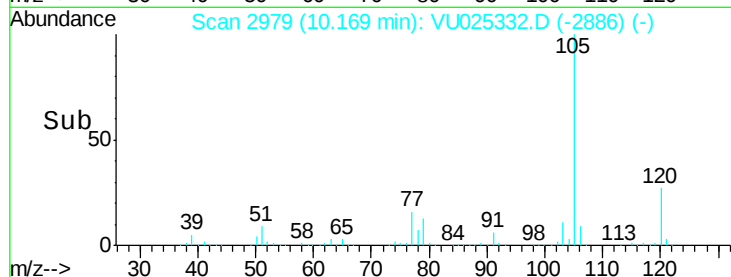
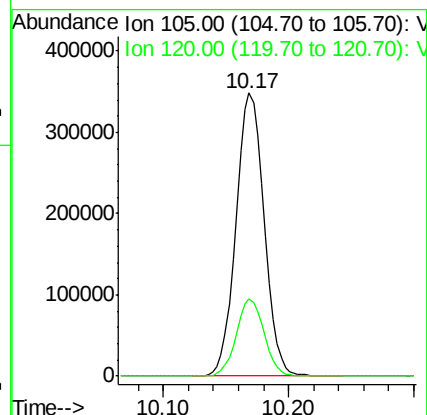
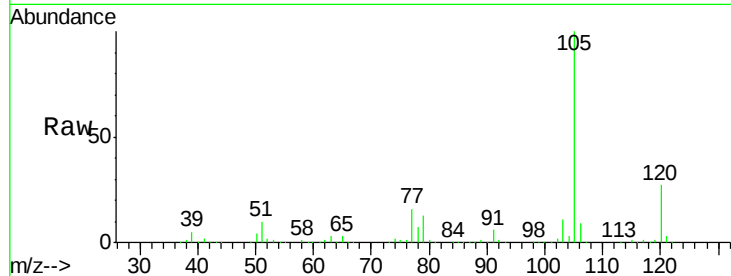
VSTDCCC050

Tot Ion:105 Resp: 542422

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.5



#74

N-ethyl acetate

Concen: 48.60 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025332.D

Acq: 12 Jul 2018 11:36

Tgt Ion: 43 Resp: 224234

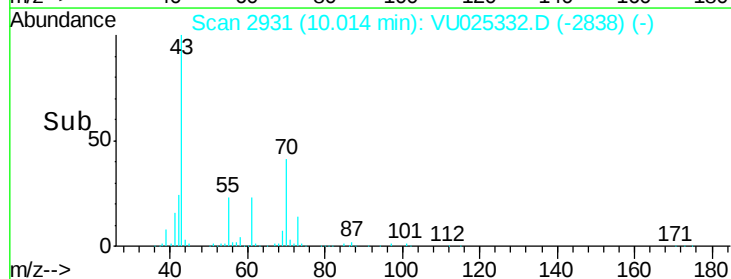
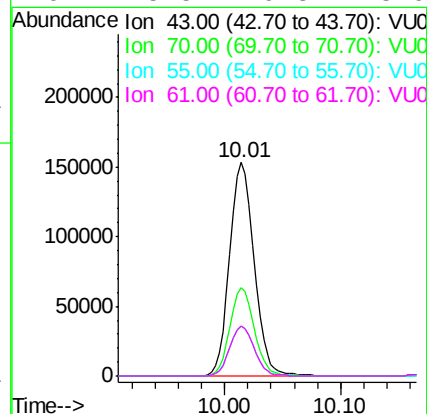
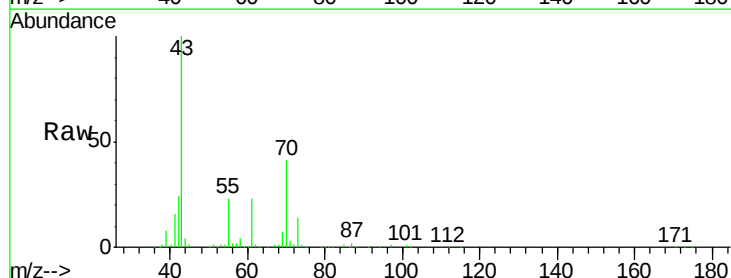
Ion Ratio Lower Upper

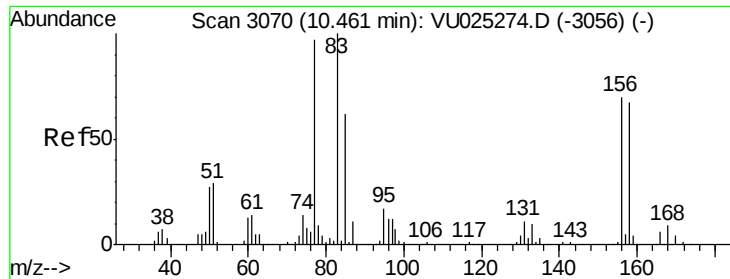
43 100

70 41.0 33.4 50.2

55 23.8 19.0 28.6

61 23.5 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 47.75 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025332.D

Acq: 12 Jul 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

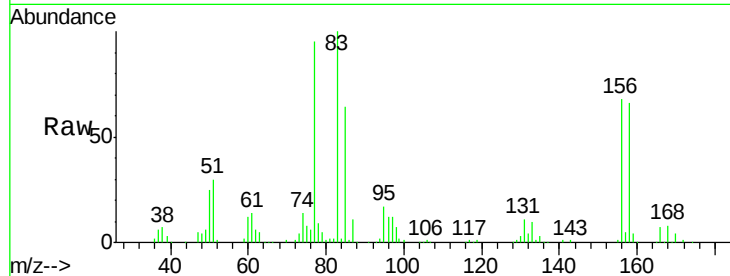
Tot Ion: 83 Resp: 176244

Ion Ratio Lower Upper

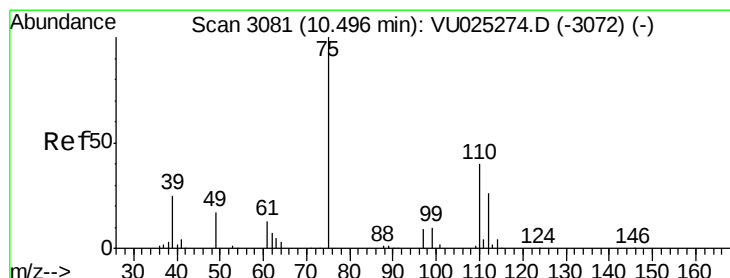
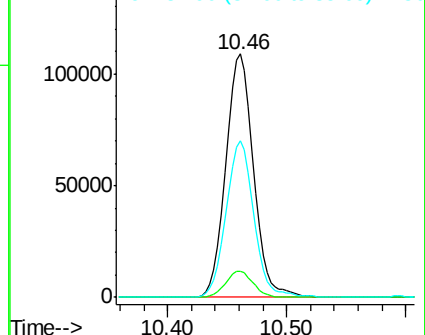
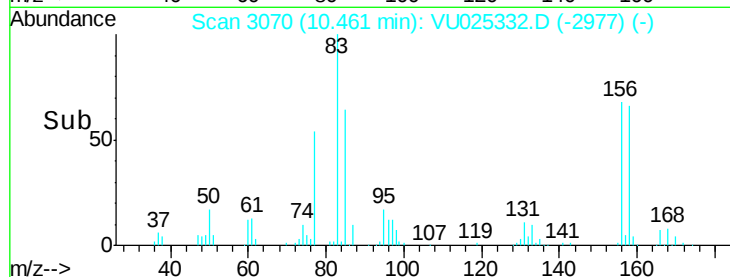
83 100

131 10.6 5.5 16.4

85 64.3 31.6 94.8



Abundance Ion 82.90 (82.60 to 83.60): VU025332.D (-2977) (-)



#76

1,2,3-Trichloropropane

Concen: 68.19 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025332.D

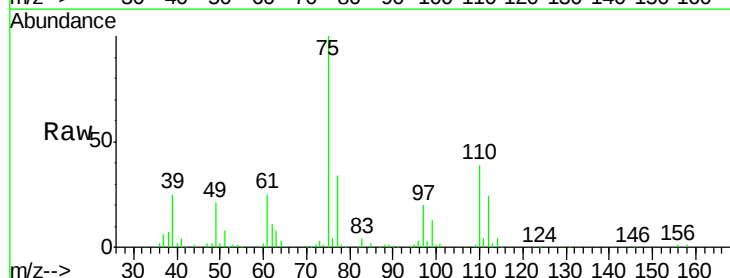
Acq: 12 Jul 2018 11:36

Tgt Ion: 75 Resp: 208924

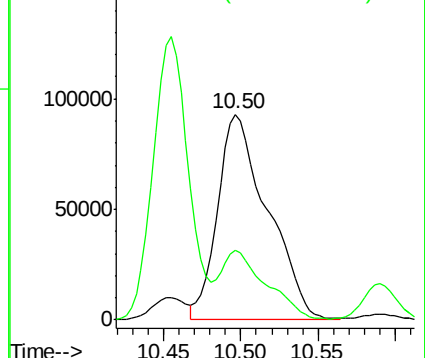
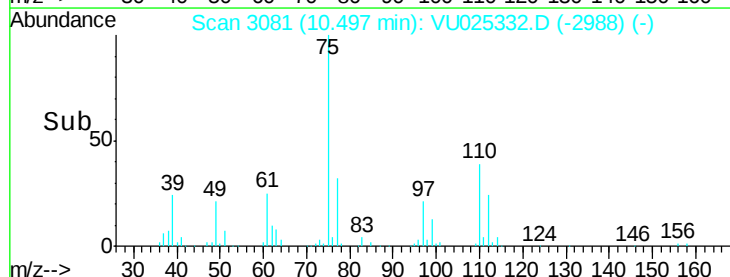
Ion Ratio Lower Upper

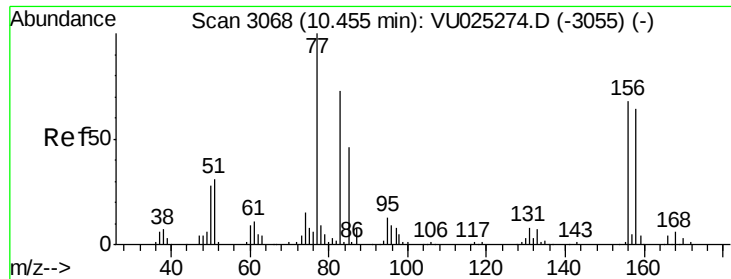
75 100

77 31.3 20.4 61.3



Abundance Ion 74.90 (74.60 to 75.60): VU025332.D (-2988) (-)

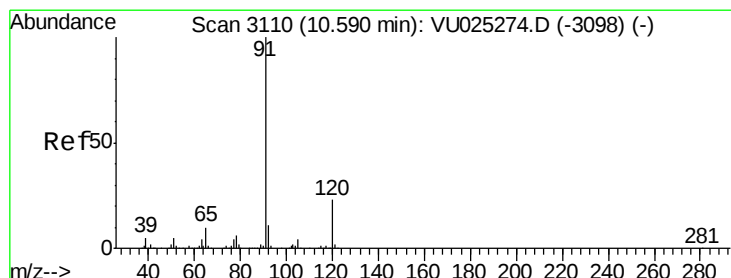
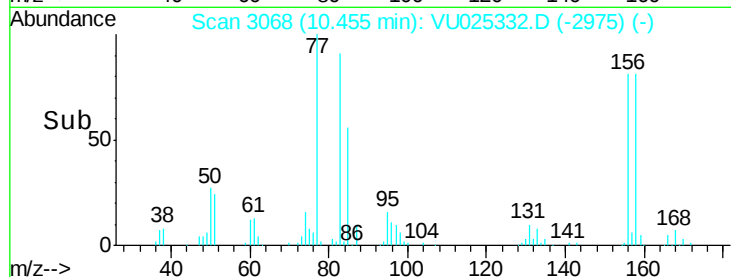
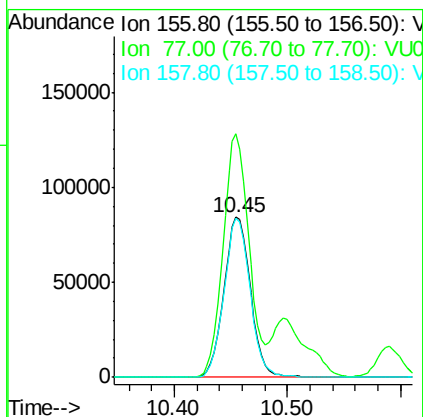
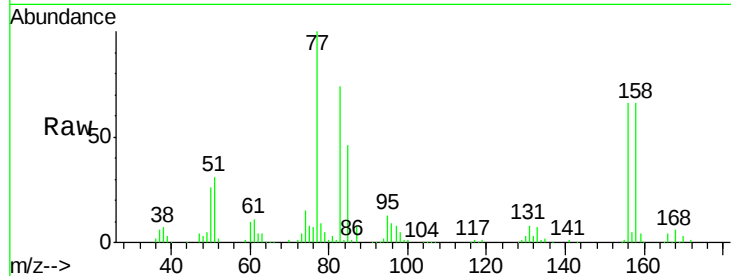




#77
Bromobenzene
Concen: 47.65 ug/l
RT: 10.45 min Scan# 3068
Delta R.T. 0.00 min
Lab File: VU025332.D
Acq: 12 Jul 2018 11:36

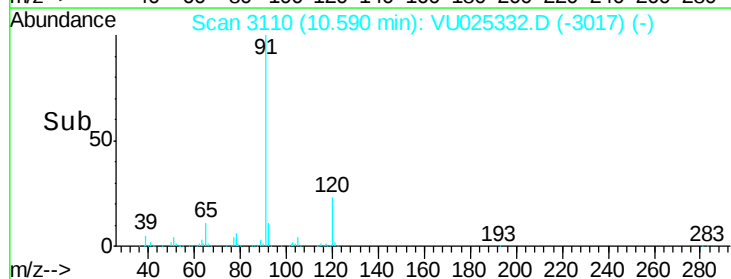
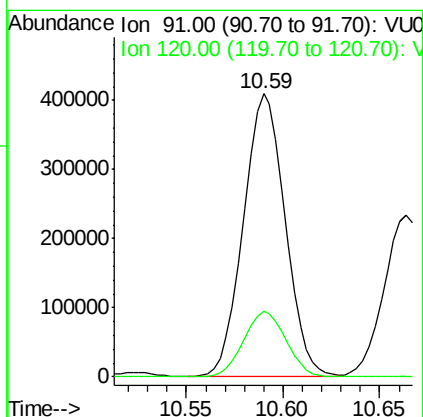
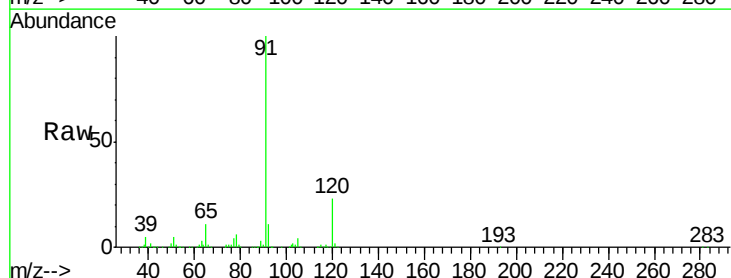
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion:156 Resp: 137533
Ion Ratio Lower Upper
156 100
77 148.2 73.8 221.4
158 97.7 48.0 144.0



#78
n-propylbenzene
Concen: 49.21 ug/l
RT: 10.59 min Scan# 3110
Delta R.T. 0.00 min
Lab File: VU025332.D
Acq: 12 Jul 2018 11:36

Tgt Ion: 91 Resp: 616090
Ion Ratio Lower Upper
91 100
120 23.6 11.8 35.3

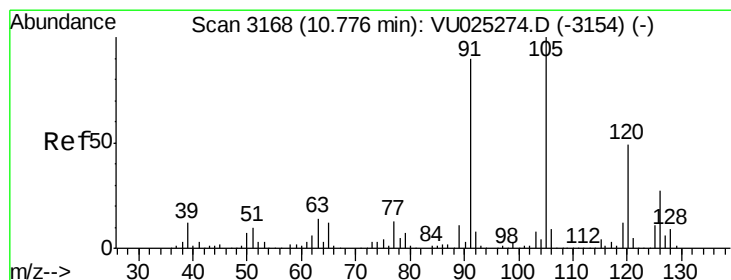
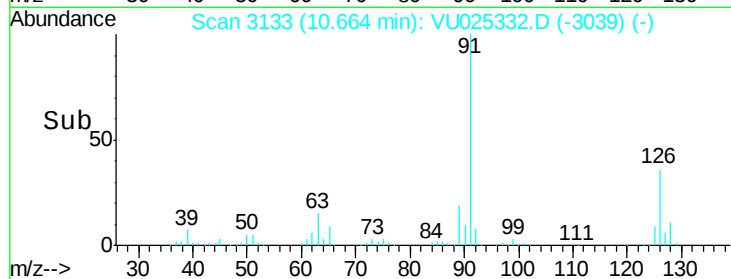
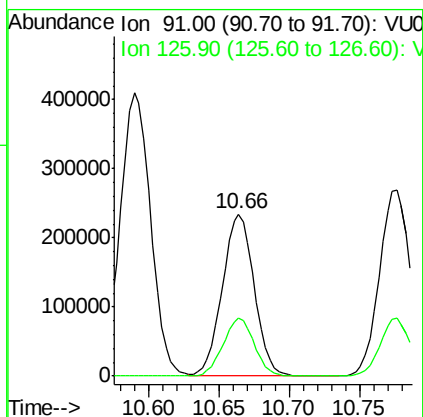
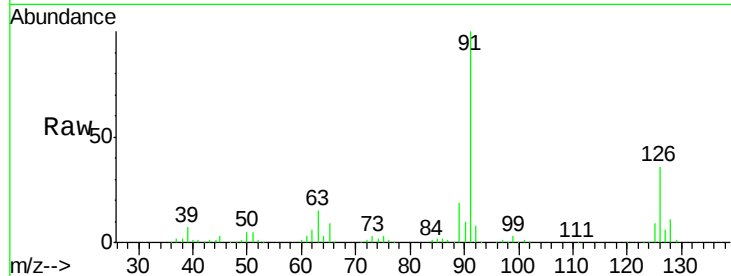




#79
 2-Chlorotoluene
 Concen: 51.35 ug/l
 RT: 10.66 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: VU025332.D
 Acq: 12 Jul 2018 11:36

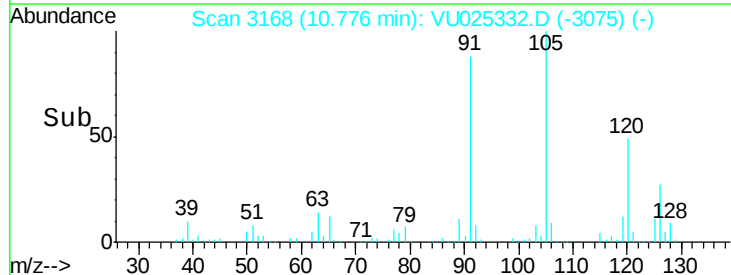
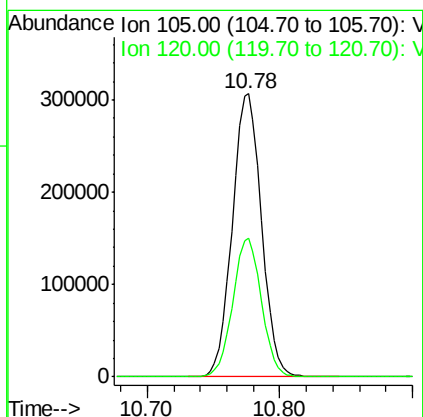
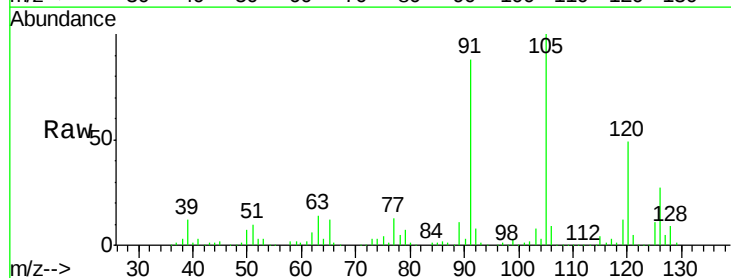
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

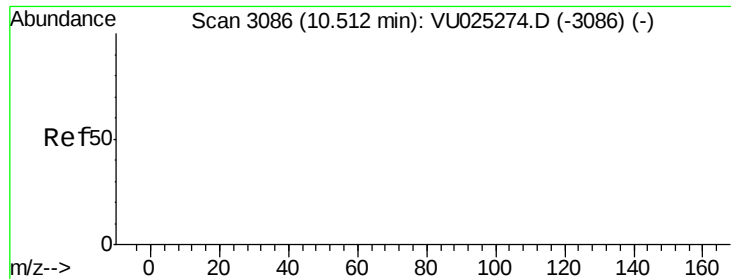
Tot Ion: 91 Resp: 369108
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 49.30 ug/l
 RT: 10.78 min Scan# 3168
 Delta R.T. 0.00 min
 Lab File: VU025332.D
 Acq: 12 Jul 2018 11:36

Tgt Ion: 105 Resp: 468002
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.1 72.2

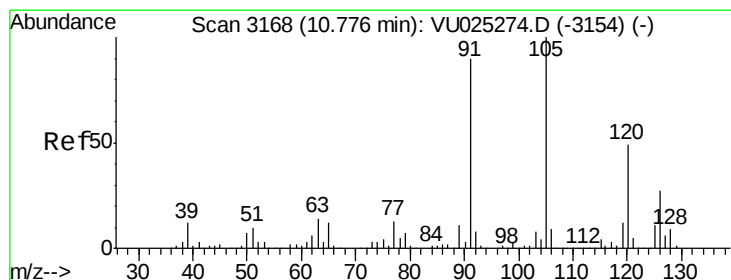
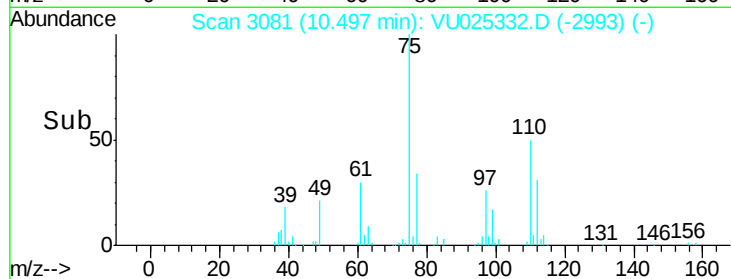
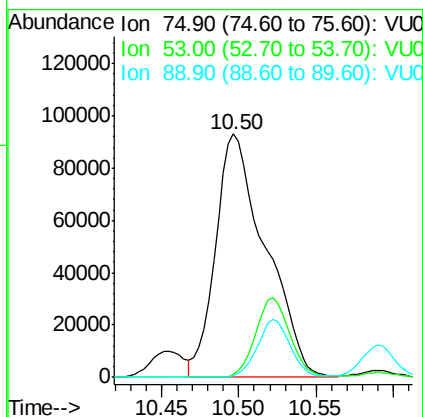
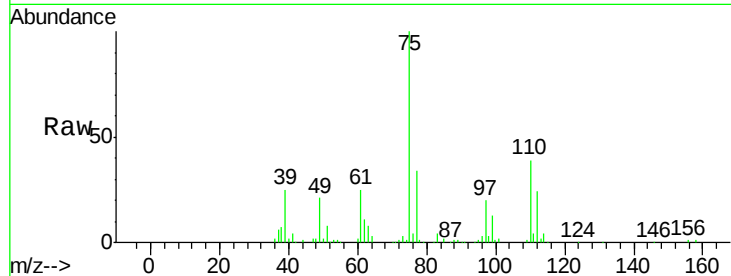




#81
trans-1,4-Dichloro-2-butene
Concen: 177.61 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VU025332.D
Acq: 12 Jul 2018 11:36

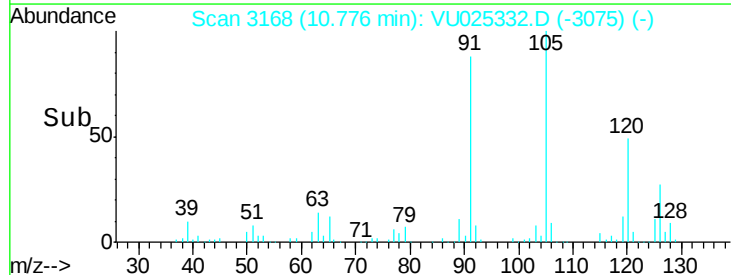
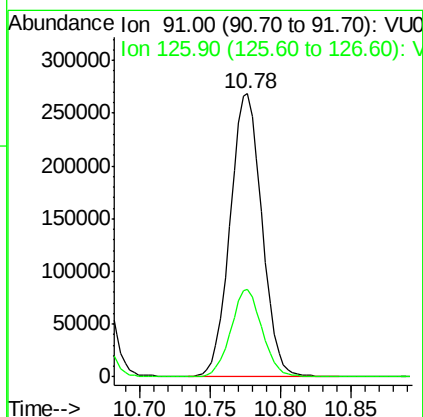
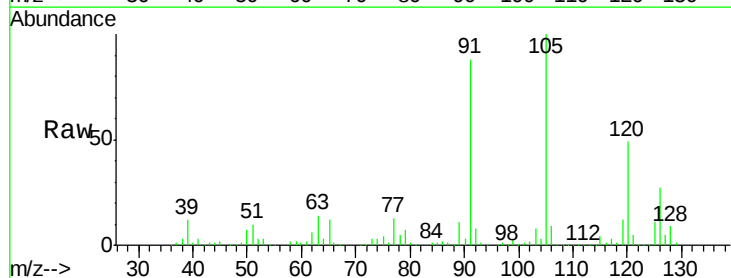
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 208924
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 47.73 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU025332.D
Acq: 12 Jul 2018 11:36

Tgt Ion: 91 Resp: 423042
Ion Ratio Lower Upper
91 100
126 30.4 15.3 45.9

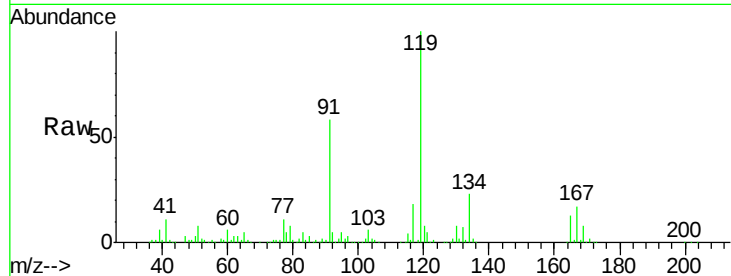




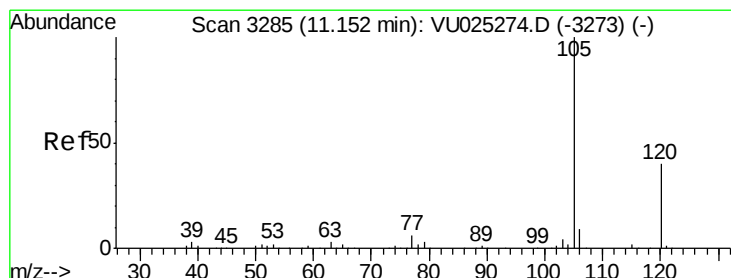
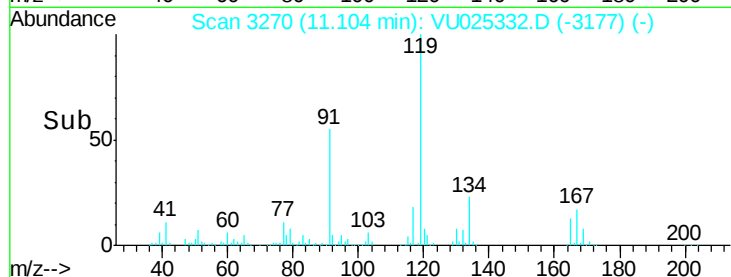
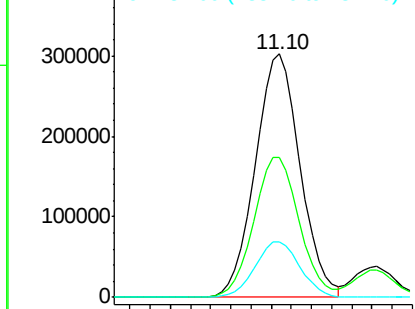
#83
 tert-Butylbenzene
 Concen: 48.82 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025332.D
 Acq: 12 Jul 2018 11:36

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion:119 Resp: 468317
 Ion Ratio Lower Upper
 119 100
 91 58.5 29.7 89.1
 134 23.0 11.5 34.5

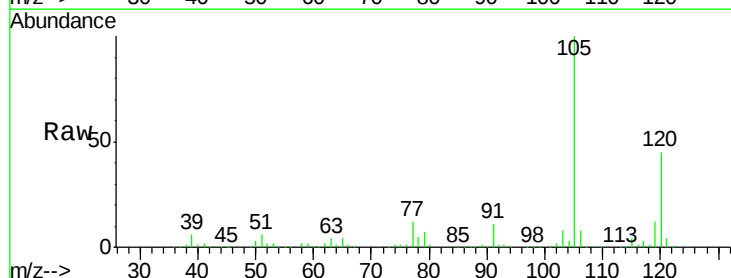


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

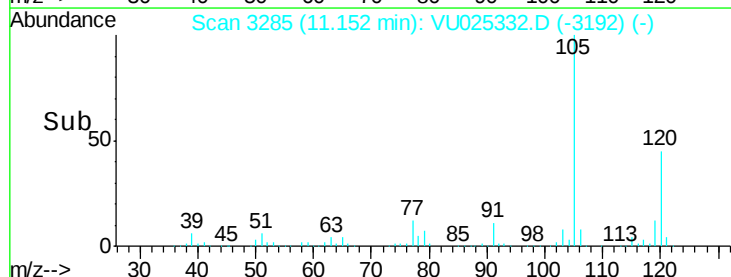
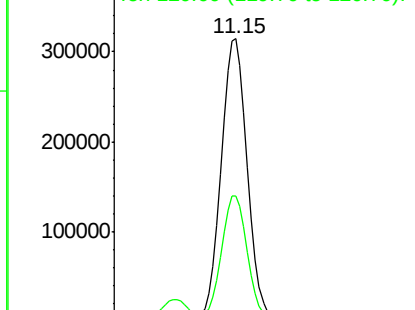


#84
 1,2,4-Trimethylbenzene
 Concen: 49.03 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025332.D
 Acq: 12 Jul 2018 11:36

Tgt Ion:105 Resp: 476989
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.3 66.8



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

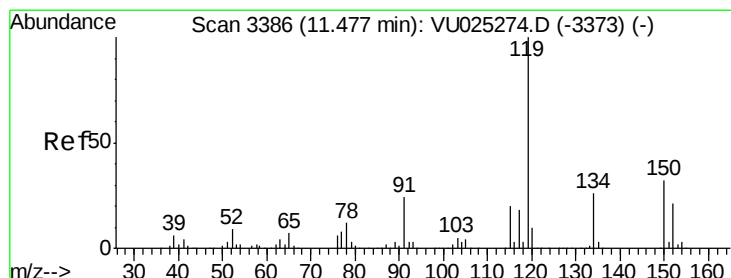
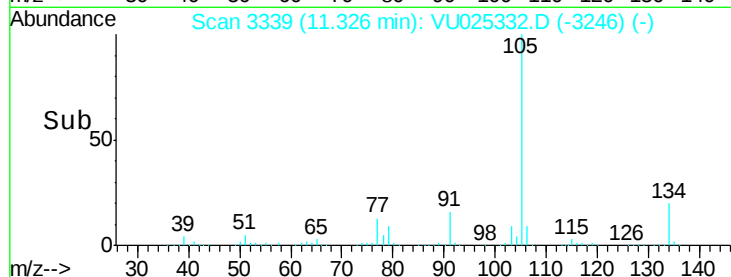
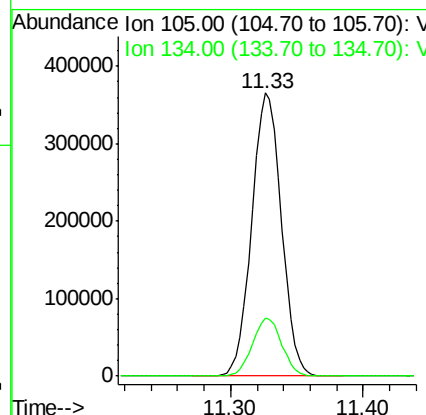
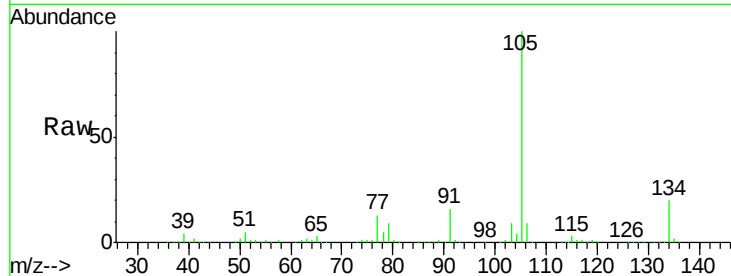




#85
 sec-Butylbenzene
 Concen: 50.09 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU025332.D
 Acq: 12 Jul 2018 11:36

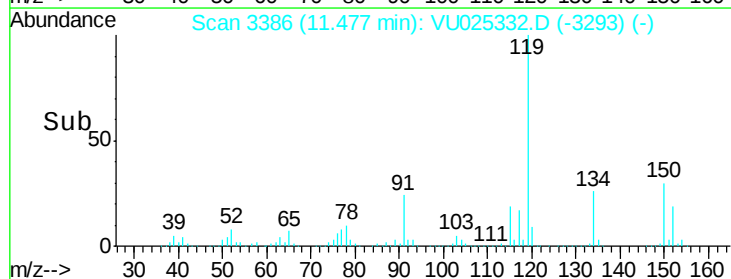
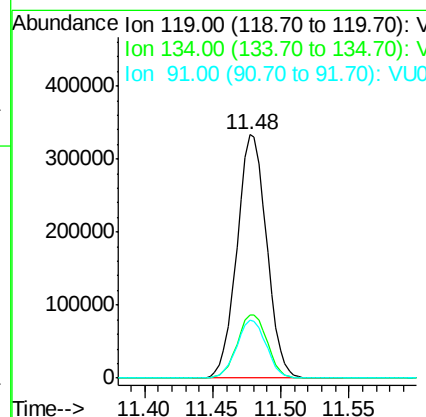
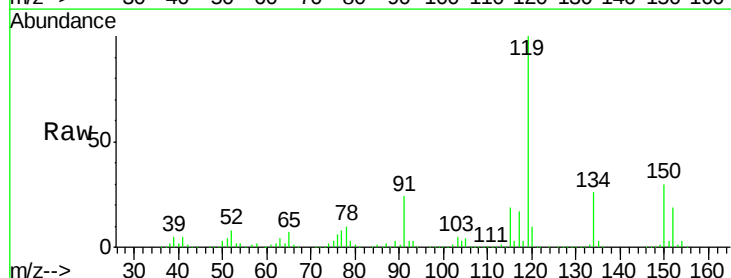
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

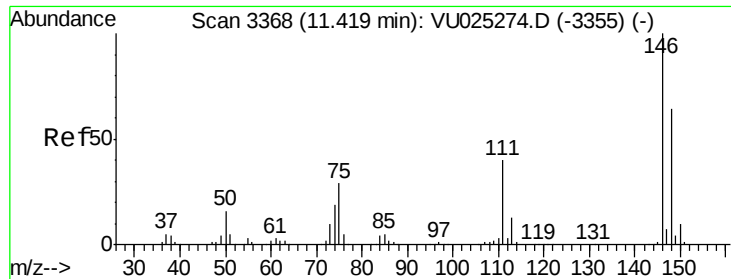
Tot Ion:105 Resp: 565780
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 50.29 ug/l
 RT: 11.48 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU025332.D
 Acq: 12 Jul 2018 11:36

Tgt Ion:119 Resp: 502922
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.5
 91 23.8 12.0 36.1

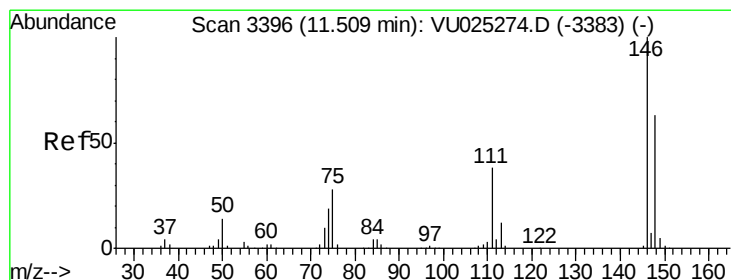
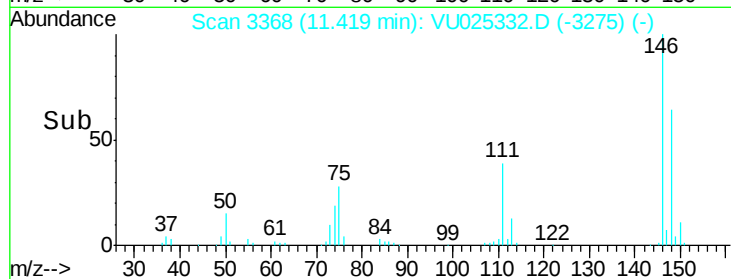
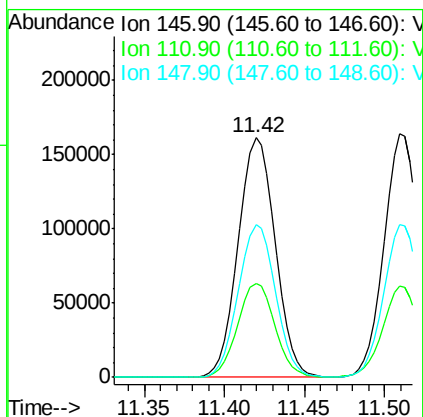
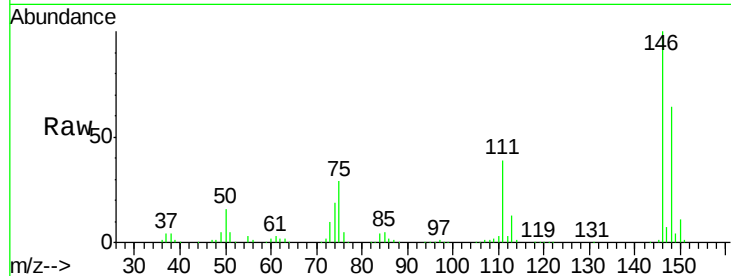




#87
 1,3-Dichlorobenzene
 Concen: 48.36 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU025332.D
 Acq: 12 Jul 2018 11:36

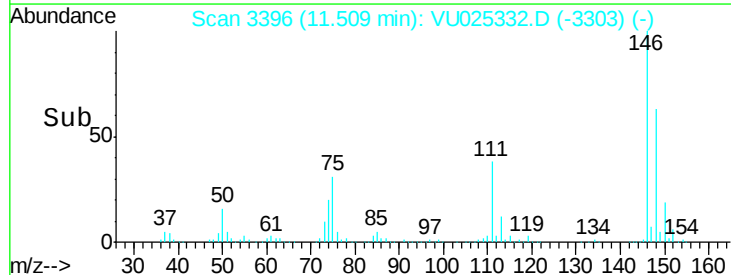
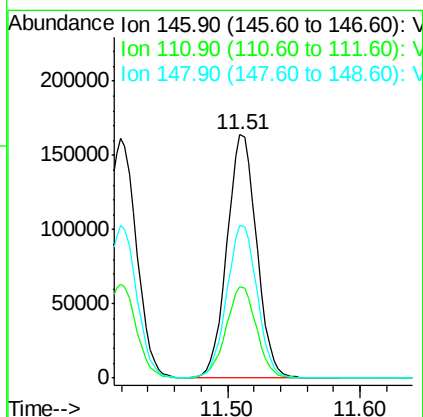
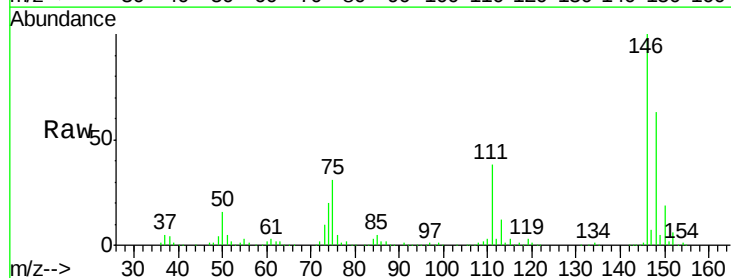
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

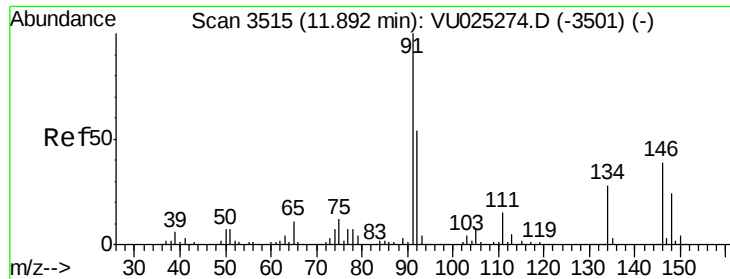
Tot Ion:146 Resp: 255102
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.7 59.1
 148 64.1 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 49.51 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025332.D
 Acq: 12 Jul 2018 11:36

Tgt Ion:146 Resp: 254982
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.4 58.1
 148 64.2 31.7 95.1

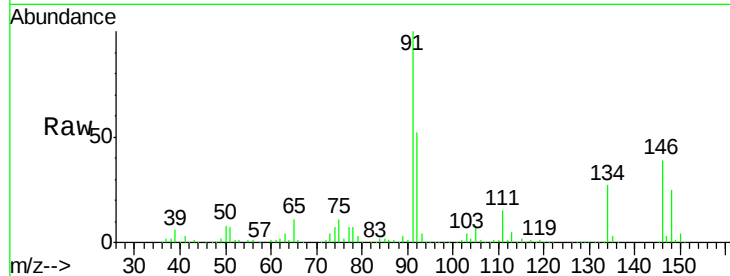




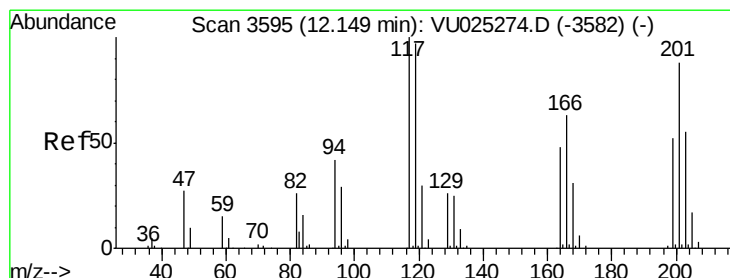
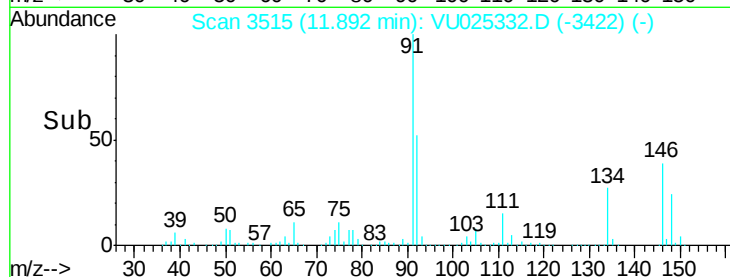
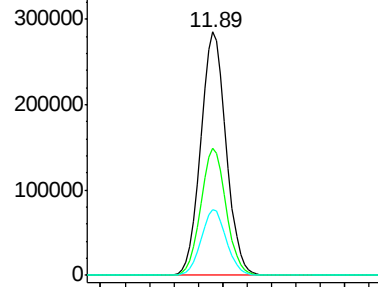
#89
n-Butylbenzene
Concen: 50.64 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU025332.D
Acq: 12 Jul 2018 11:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 416352
Ion Ratio Lower Upper
91 100
92 52.0 26.5 79.5
134 26.8 13.6 40.7

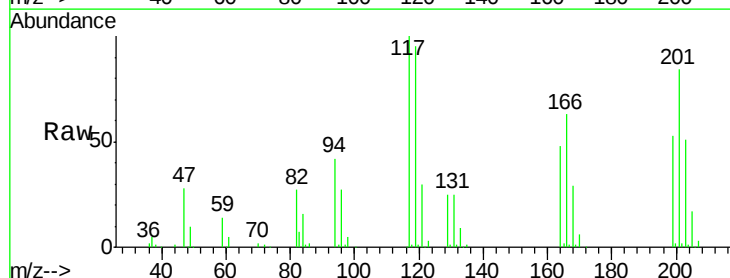


Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 92.00 (91.70 to 92.70): VU0
Ion 134.00 (133.70 to 134.70): V

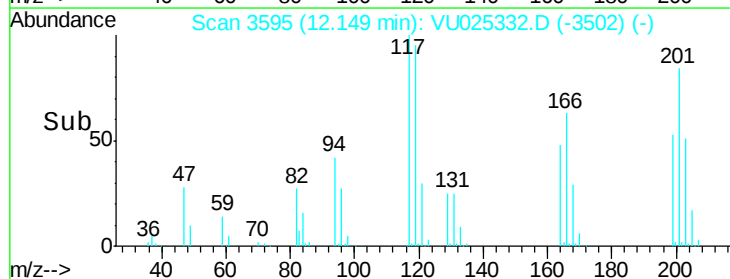
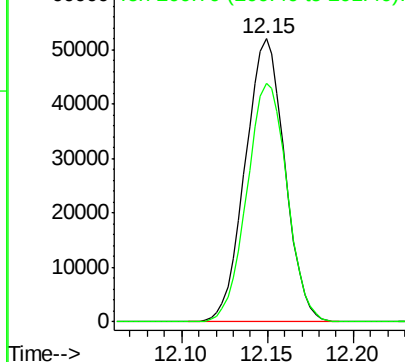


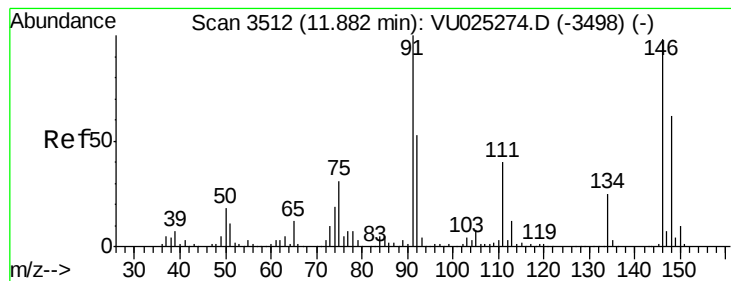
#90
Hexachloroethane
Concen: 49.16 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU025332.D
Acq: 12 Jul 2018 11:36

Tgt Ion: 117 Resp: 83240
Ion Ratio Lower Upper
117 100
201 85.4 42.5 127.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 49.36 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU025332.D

Acq: 12 Jul 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

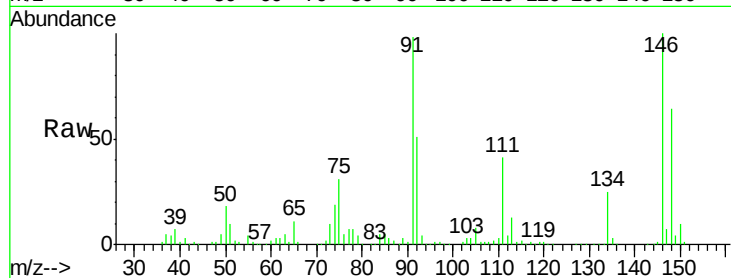
Tot Ion:146 Resp: 262951

Ion Ratio Lower Upper

146 100

111 40.7 20.6 61.8

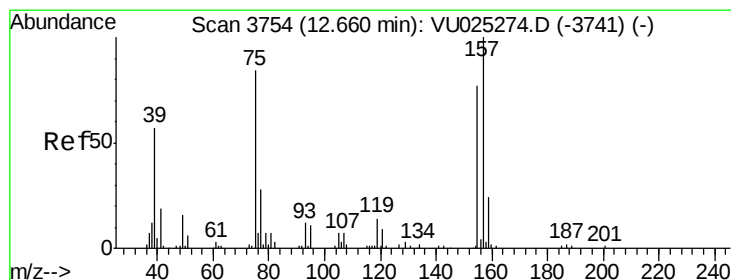
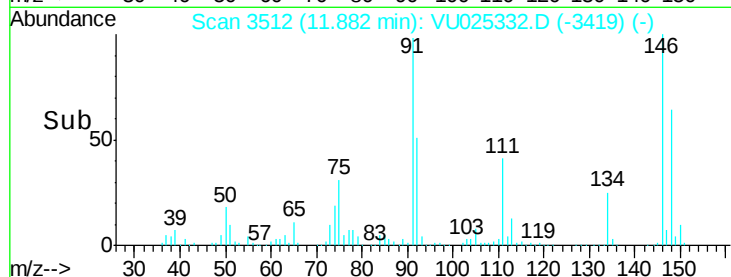
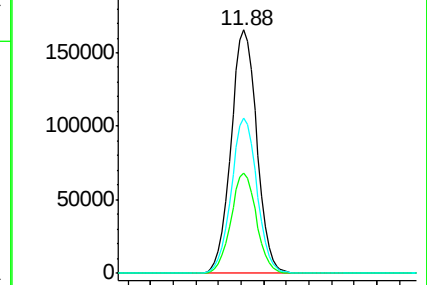
148 63.7 31.5 94.5



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: 50.41 ug/l

RT: 12.66 min Scan# 3753

Delta R.T. -0.00 min

Lab File: VU025332.D

Acq: 12 Jul 2018 11:36

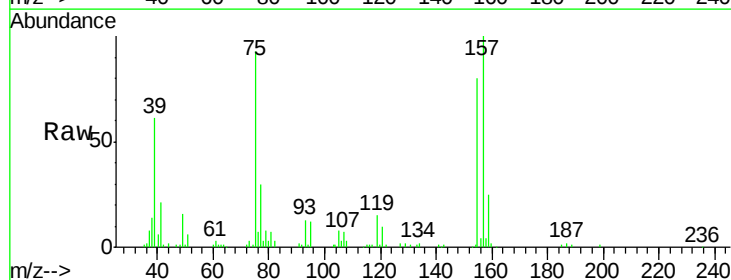
Tgt Ion: 75 Resp: 45129

Ion Ratio Lower Upper

75 100

155 87.2 44.5 133.3

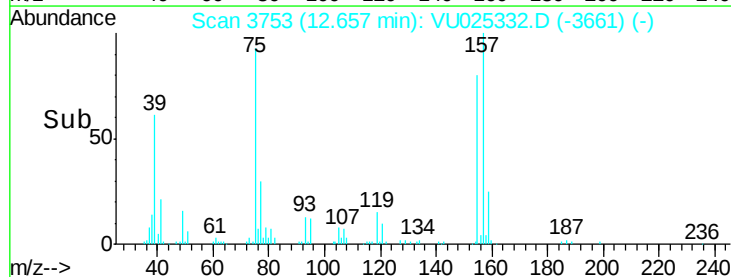
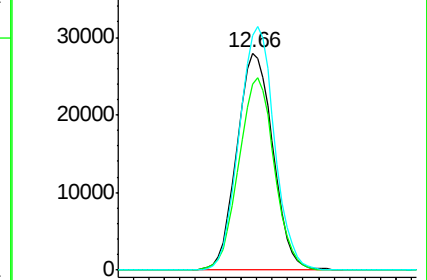
157 109.8 57.0 170.8

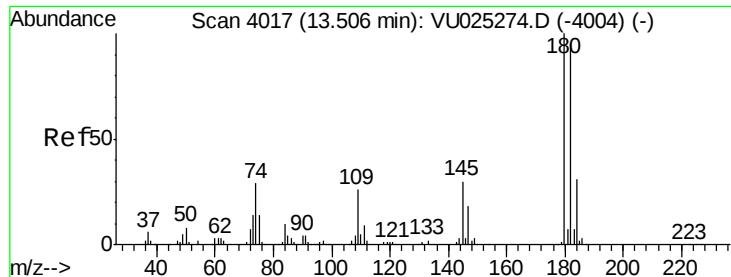


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

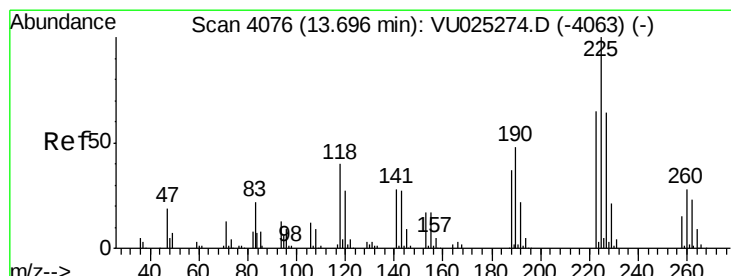
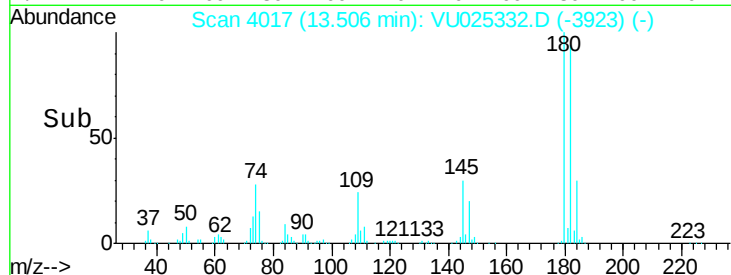
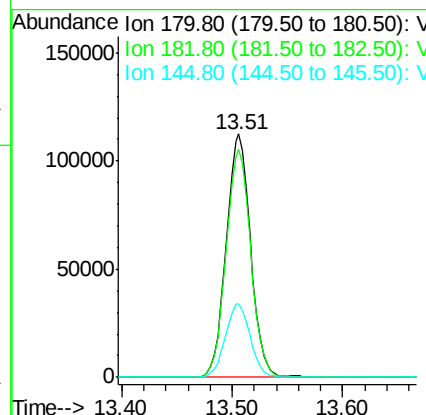
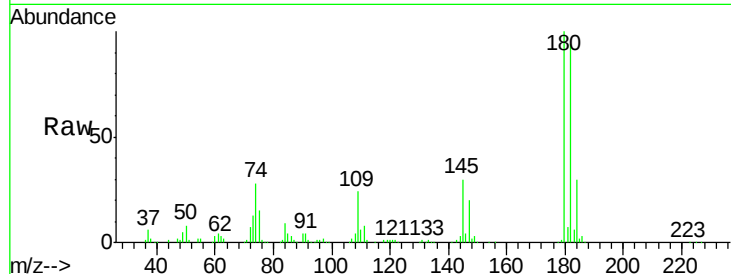




#93
 1,2,4-Trichlorobenzene
 Concen: 48.31 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025332.D
 Acq: 12 Jul 2018 11:36

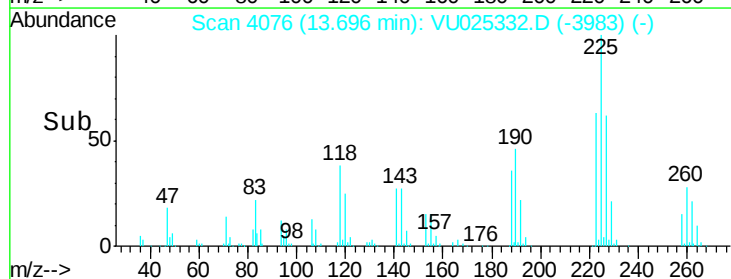
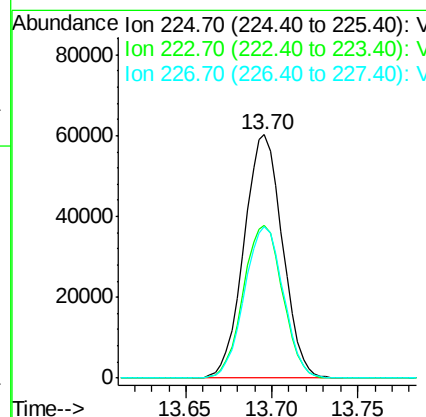
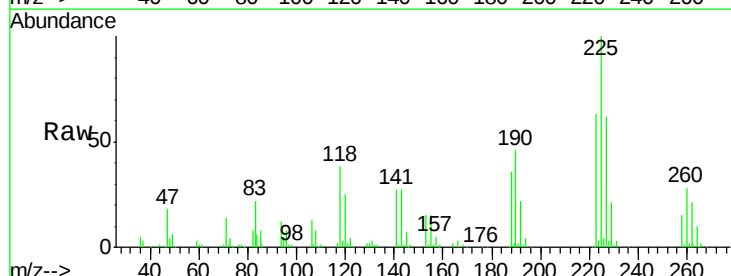
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

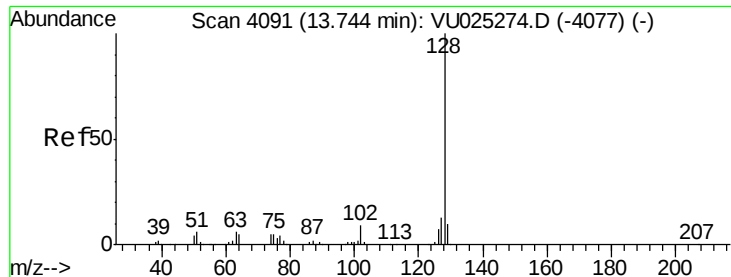
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.3	141.9
145	30.9	14.9	44.7



#94
 Hexachlorobutadiene
 Concen: 49.18 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025332.D
 Acq: 12 Jul 2018 11:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	31.9	95.7
227	63.0	32.3	96.9

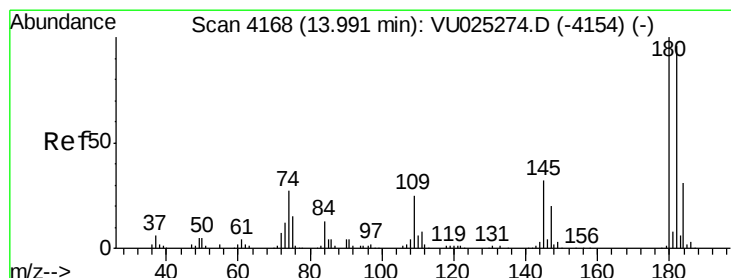
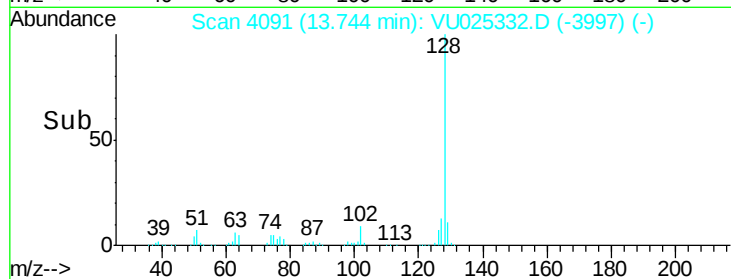
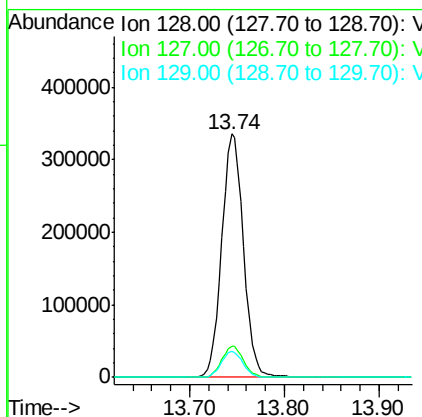
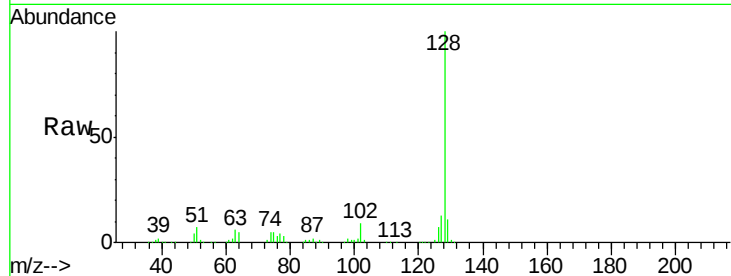




#95
Naphthalene
Concen: 49.42 ug/l
RT: 13.74 min Scan# 4091
Delta R.T. 0.00 min
Lab File: VU025332.D
Acq: 12 Jul 2018 11:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 535451
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.6 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 49.76 ug/l
RT: 13.99 min Scan# 4167
Delta R.T. -0.00 min
Lab File: VU025332.D
Acq: 12 Jul 2018 11:36

Tgt Ion:180 Resp: 180166
Ion Ratio Lower Upper
180 100
182 96.1 47.8 143.3
145 31.4 15.6 46.8

