

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071118\
 Data File : VU025330.D
 Acq On : 11 Jul 2018 21:33
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 12 03:16:38 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	180493	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	273962	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	259412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	155847	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	128524	45.83	ug/l	0.00
Spiked Amount 50.000			Recovery =	91.66%		
35) Dibromofluoromethane	4.89	113	105330	45.58	ug/l	0.00
Spiked Amount 50.000			Recovery =	91.16%		
50) Toluene-d8	7.57	98	346421	43.77	ug/l	0.00
Spiked Amount 50.000			Recovery =	87.54%		
62) 4-Bromofluorobenzene	10.31	95	142798	44.82	ug/l	0.00
Spiked Amount 50.000			Recovery =	89.64%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	85037	45.52	ug/l	99
3) Chloromethane	1.33	50	85159	45.80	ug/l	99
4) Vinyl Chloride	1.40	62	97911	47.70	ug/l	100
5) Bromomethane	1.61	94	60353	58.51	ug/l	100
6) Chloroethane	1.69	64	64169	49.16	ug/l	96
7) Trichlorofluoromethane	1.88	101	153831	47.69	ug/l	99
8) Diethyl Ether	2.10	74	59668	49.29	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.28	101	97233	48.64	ug/l	99
10) Methyl Iodide	2.41	142	103254	46.74	ug/l	98
11) Tert butyl alcohol	2.83	59	159001	259.92	ug/l	99
12) 1,1-Dichloroethene	2.28	96	87134	47.62	ug/l	96
13) Acrolein	2.19	56	56378	139.31	ug/l	96
14) Allyl chloride	2.59	41	150161	45.26	ug/l	99
15) Acrylonitrile	2.93	53	326439	259.55	ug/l	100
16) Acetone	2.32	43	308983	216.59	ug/l	99
17) Carbon Disulfide	2.48	76	222321	41.91	ug/l	99
18) Methyl Acetate	2.62	43	162117	56.47	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	360385	51.79	ug/l	99
20) Methylene Chloride	2.70	84	110099	50.74	ug/l	96
21) trans-1,2-Dichloroethene	2.98	96	98366	47.05	ug/l	98
22) Diisopropyl ether	3.57	45	344181	50.79	ug/l	96
23) Vinyl Acetate	3.53	43	1523231	256.25	ug/l	99
24) 1,1-Dichloroethane	3.45	63	195682	51.20	ug/l	99
25) 2-Butanone	4.26	43	482596	248.29	ug/l	100
26) 2,2-Dichloropropane	4.23	77	148050	40.29	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	120286	49.72	ug/l	97
28) Bromochloromethane	4.55	49	87229	47.27	ug/l	98
29) Tetrahydrofuran	4.64	42	304823	261.47	ug/l	99
30) Chloroform	4.68	83	206858	51.11	ug/l	98
31) Cyclohexane	5.00	56	164125	46.40	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	188935	51.51	ug/l	99
36) 1,1-Dichloropropene	5.14	75	144318	47.38	ug/l	100
37) Ethyl Acetate	4.38	43	176440	51.94	ug/l	99
38) Carbon Tetrachloride	5.14	117	165120	50.37	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	171239	45.07	ug/l	97
40) Benzene	5.39	78	427823	48.74	ug/l	100
41) Methacrylonitrile	4.54	41	98174	52.13	ug/l	99
42) 1,2-Dichloroethane	5.41	62	172125	49.33	ug/l	100
43) Isopropyl Acetate	5.55	43	276545	50.84	ug/l	99
44) Trichloroethene	6.19	130	118260	46.92	ug/l	98
45) 1,2-Dichloropropane	6.44	63	113782	49.49	ug/l	100
46) Dibromomethane	6.56	93	83397	49.85	ug/l	99
47) Bromodichloromethane	6.76	83	159398	51.29	ug/l	99
48) Methyl methacrylate	6.62	41	142081	52.40	ug/l	100
49) 1,4-Dioxane	6.62	88	64143	983.05	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	920367	260.33	ug/l	100
52) Toluene	7.64	92	275109	49.27	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	165723	48.53	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	176339	48.52	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	116223	49.97	ug/l	98
56) Ethyl methacrylate	8.02	69	184113	50.69	ug/l	98
57) 1,3-Dichloropropane	8.25	76	196015	50.77	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	339089	208.86	ug/l	100
59) 2-Hexanone	8.36	43	718847	250.67	ug/l	98
60) Dibromochloromethane	8.48	129	129403	51.52	ug/l	98
61) 1,2-Dibromoethane	8.59	107	126012	50.64	ug/l	100
64) Tetrachloroethene	8.23	164	114191	48.29	ug/l	97
65) Chlorobenzene	9.12	112	322004	49.69	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	119439	51.52	ug/l	97
67) Ethyl Benzene	9.25	91	543255	49.17	ug/l	100
68) m/p-Xylenes	9.38	106	426435	99.84	ug/l	100
69) o-Xylene	9.78	106	212266	49.64	ug/l	98
70) Styrene	9.80	104	348062	51.24	ug/l	99
71) Bromoform	9.96	173	102887	46.29	ug/l #	99
73) Isopropylbenzene	10.17	105	572355	48.07	ug/l	99
74) N-amyl acetate	10.01	43	249357	51.13	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	194989	50.05	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	224418	69.37	ug/l	83
77) Bromobenzene	10.46	156	148373	48.71	ug/l	98
78) n-propylbenzene	10.59	91	638217	48.30	ug/l	99
79) 2-Chlorotoluene	10.66	91	390751	51.50	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	487161	48.62	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	224418	180.75	ug/l #	100
82) 4-Chlorotoluene	10.78	91	447810	47.86	ug/l	100
83) tert-Butylbenzene	11.10	119	492375	48.63	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	495938	48.30	ug/l	99
85) sec-Butylbenzene	11.33	105	584629	49.04	ug/l	100
86) p-Isopropyltoluene	11.48	119	520281	49.29	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	266084	47.79	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	263585	48.52	ug/l	99
89) n-Butylbenzene	11.89	91	422811	48.72	ug/l	99
90) Hexachloroethane	12.15	117	88486	49.51	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	277073	49.28	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	49337	52.22	ug/l	99

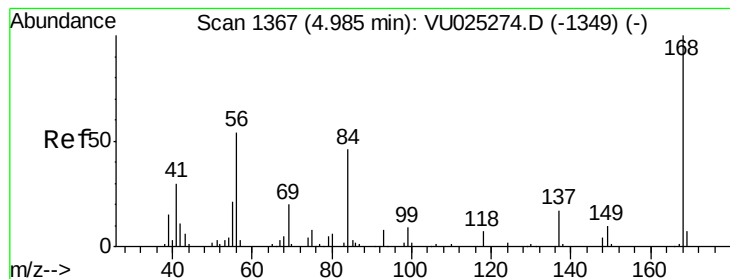
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	176700	47.13	ug/l	99
94) Hexachlorobutadiene	13.70	225	92056	45.78	ug/l	99
95) Naphthalene	13.74	128	589426	51.44	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	182298	47.81	ug/l	100

(#) = 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: VU025330.D

Acq: 11 Jul 2018 21:33

Instrument :

MSVOA_U

ClientSampleId :

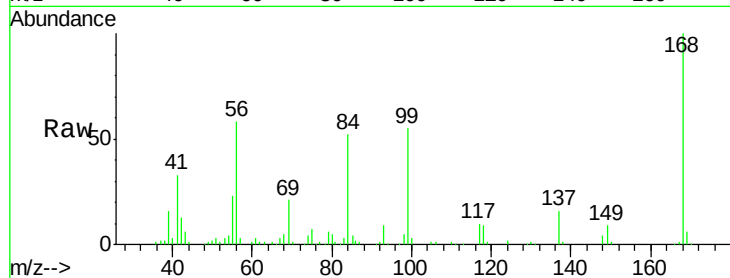
VSTDCCC050EC

Tot Ion:168 Resp: 180493

Ion Ratio Lower Upper

168 100

99 54.3 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) (-)

4.99

80000

60000

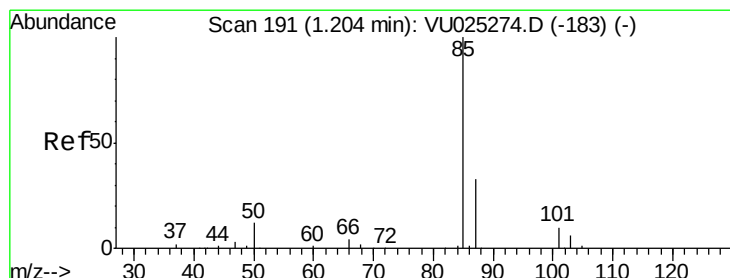
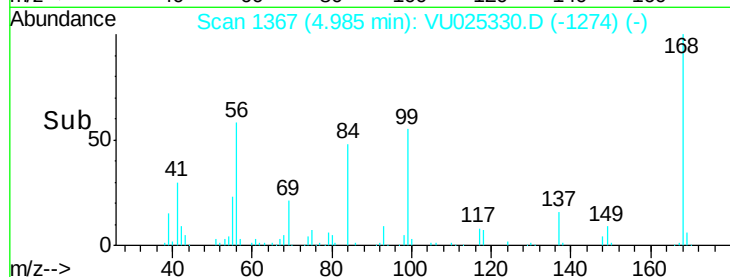
40000

20000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 45.52 ug/l

RT: 1.20 min Scan# 191

Delta R.T. 0.00 min

Lab File: VU025330.D

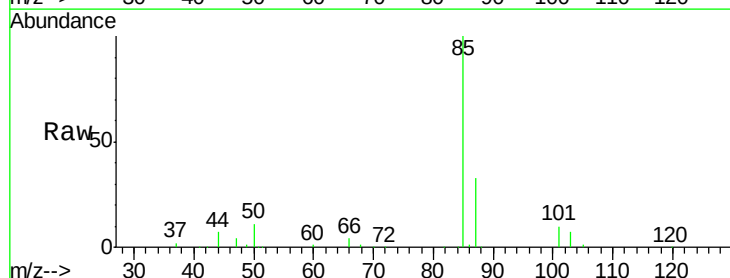
Acq: 11 Jul 2018 21:33

Tgt Ion: 85 Resp: 85037

Ion Ratio Lower Upper

85 100

87 32.6 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) (-)

1.20

80000

60000

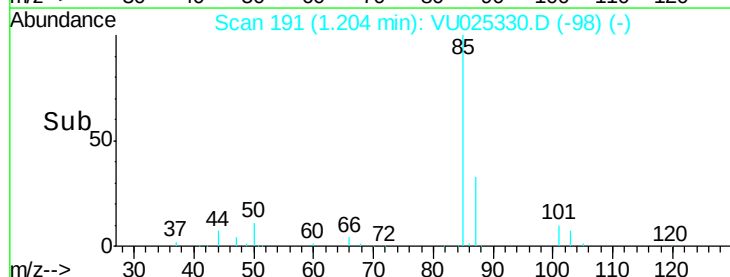
40000

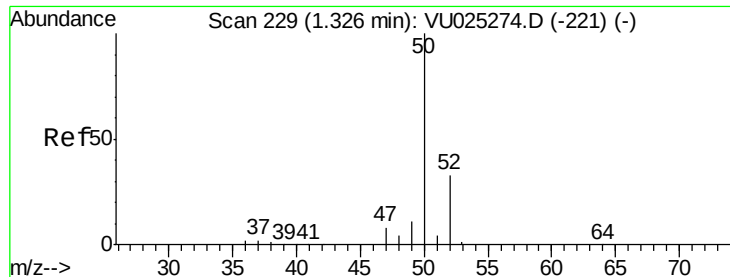
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 45.80 ug/l

RT: 1.33 min Scan# 229

Delta R.T. 0.00 min

Lab File: VU025330.D

Acq: 11 Jul 2018 21:33

Instrument :

MSVOA_U

ClientSampleId :

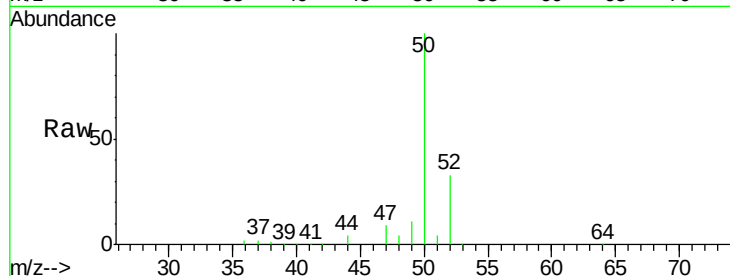
VSTDCCC050EC

Tot Ion: 50 Resp: 85159

Ion Ratio Lower Upper

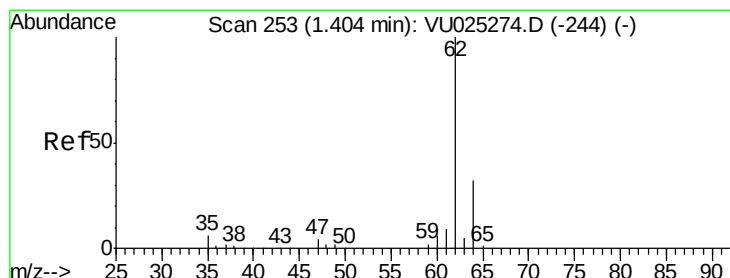
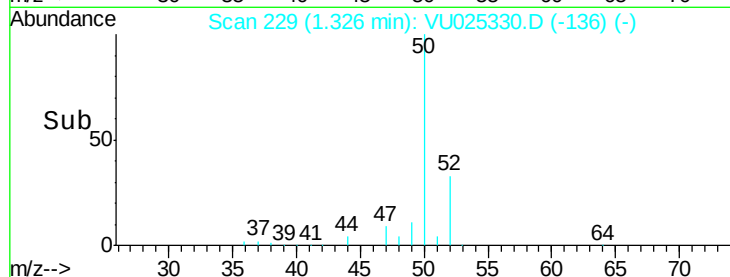
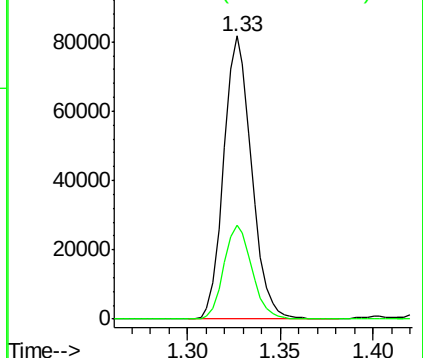
50 100

52 33.4 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 47.70 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025330.D

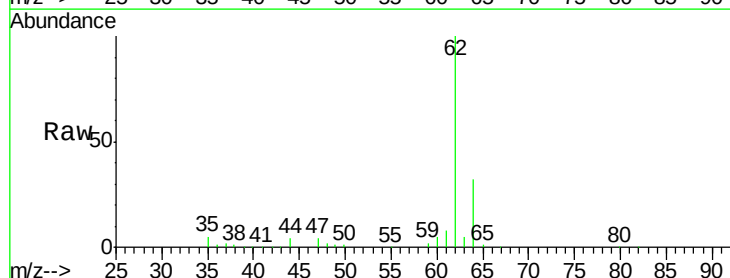
Acq: 11 Jul 2018 21:33

Tgt Ion: 62 Resp: 97911

Ion Ratio Lower Upper

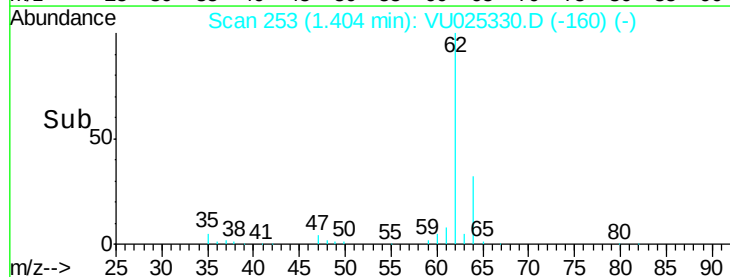
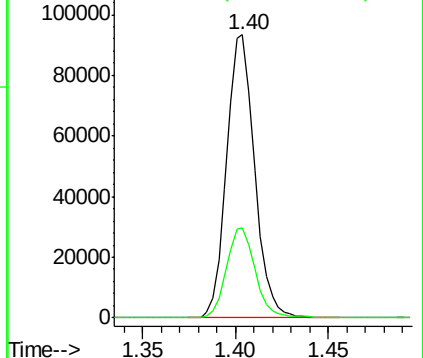
62 100

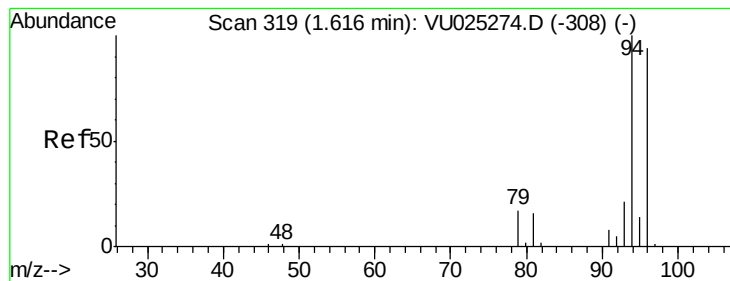
64 31.6 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 58.51 ug/l

RT: 1.61 min Scan# 318

Delta R.T. -0.00 min

Lab File: VU025330.D

Acq: 11 Jul 2018 21:33

Instrument :

MSVOA_U

ClientSampleId :

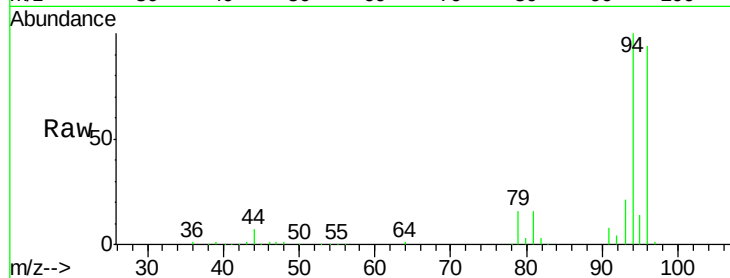
VSTDCCC050EC

Tot Ion: 94 Resp: 60353

Ion Ratio Lower Upper

94 100

96 94.0 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

1.61

50000

40000

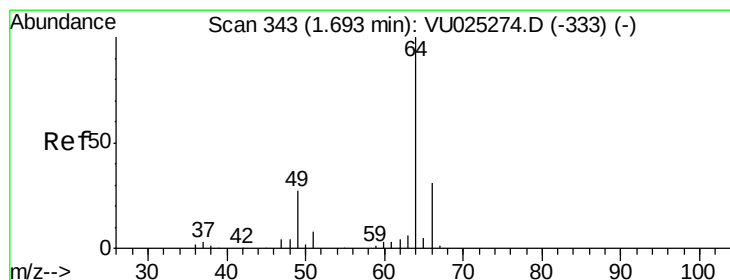
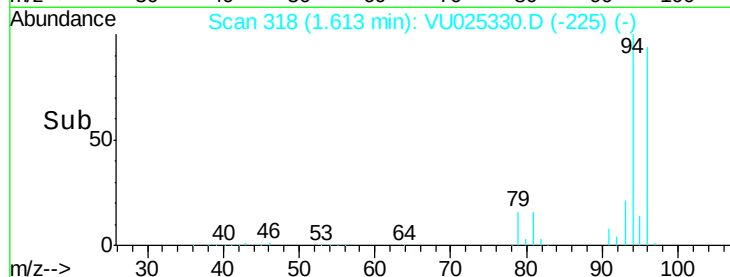
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 49.16 ug/l

RT: 1.69 min Scan# 342

Delta R.T. -0.00 min

Lab File: VU025330.D

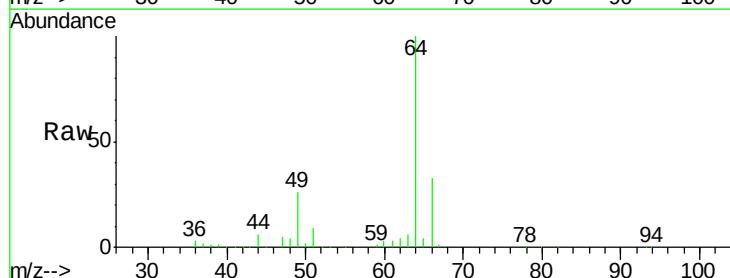
Acq: 11 Jul 2018 21:33

Tgt Ion: 64 Resp: 64169

Ion Ratio Lower Upper

64 100

66 33.4 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

1.69

50000

40000

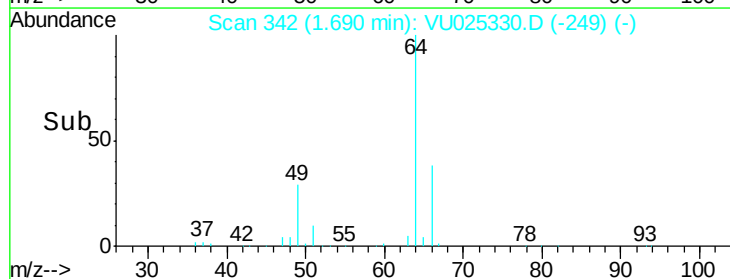
30000

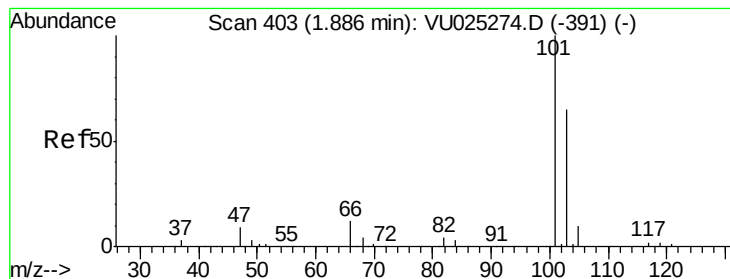
20000

10000

0

Time-->





#7

Trichlorofluoromethane

Concen: 47.69 ug/l

RT: 1.88 min Scan# 402

Delta R.T. -0.00 min

Lab File: VU025330.D

Acq: 11 Jul 2018 21:33

Instrument :

MSVOA_U

ClientSampleId :

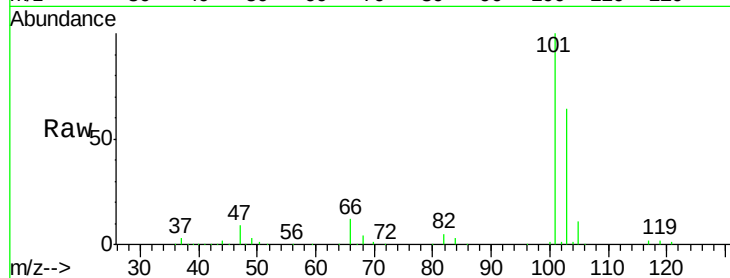
VSTDCCC050EC

Tot Ion:101 Resp: 153831

Ion Ratio Lower Upper

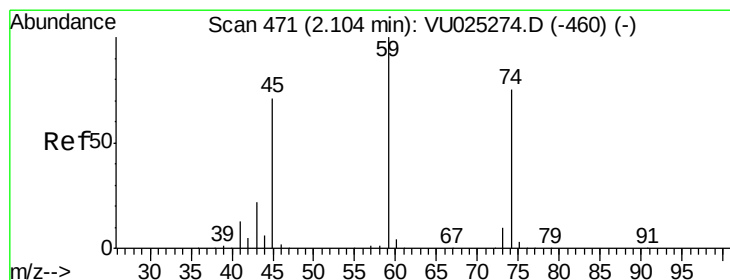
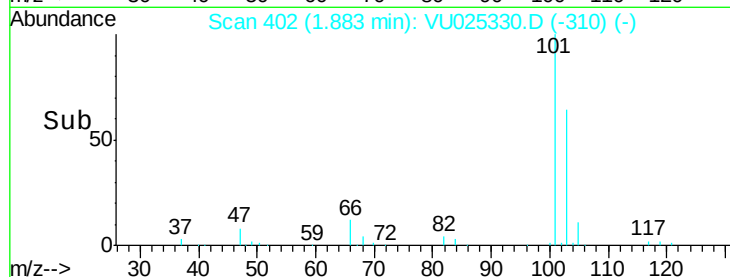
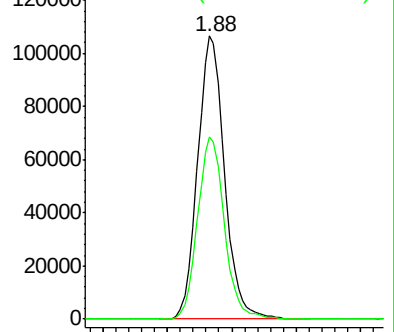
101 100

103 64.2 52.2 78.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 49.29 ug/l

RT: 2.10 min Scan# 471

Delta R.T. 0.00 min

Lab File: VU025330.D

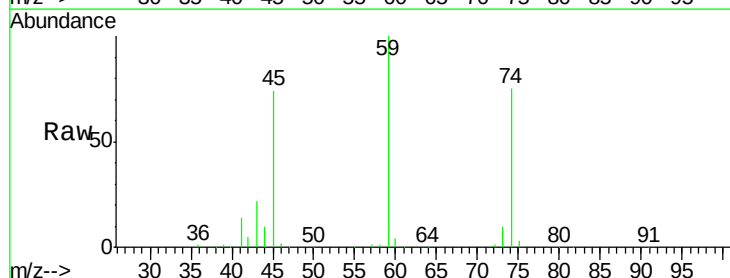
Acq: 11 Jul 2018 21:33

Tgt Ion: 74 Resp: 59668

Ion Ratio Lower Upper

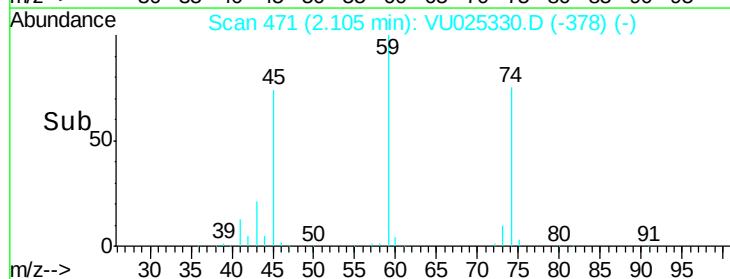
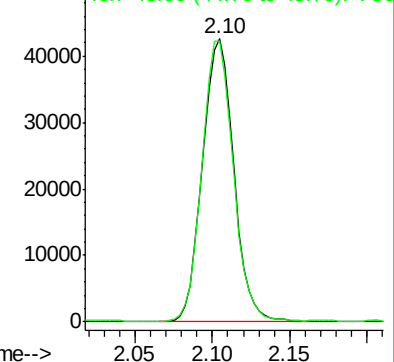
74 100

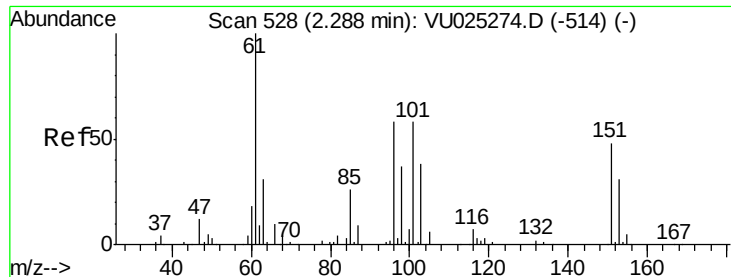
45 99.8 48.3 144.9



Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.64 ug/l

RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

Lab File: VU025330.D

Acq: 11 Jul 2018 21:33

Instrument :

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ClientSampleId :

VSTDCCC050EC

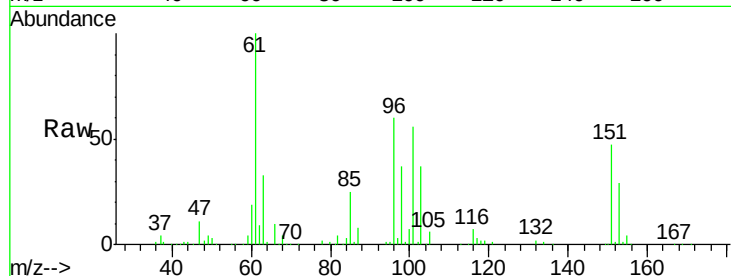
Tot Ion:101 Resp: 97233

Ion Ratio Lower Upper

101 100

85 45.2 36.0 54.0

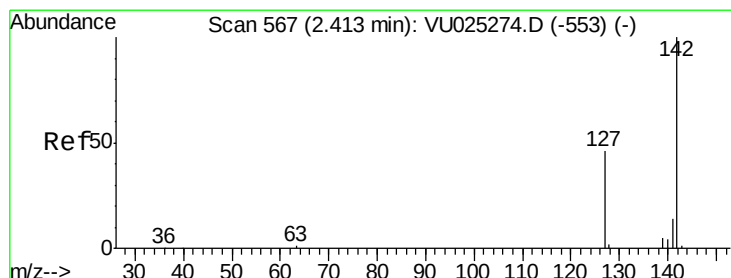
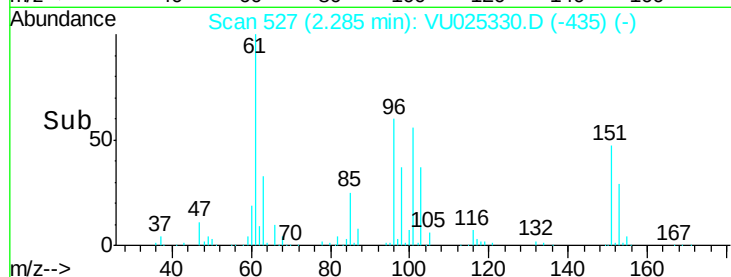
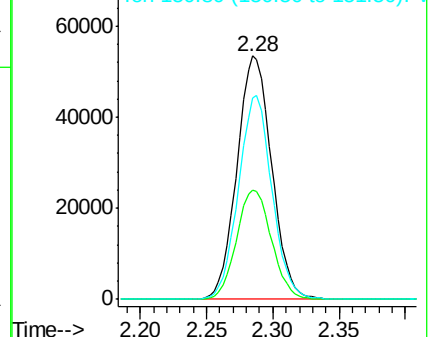
151 81.0 65.6 98.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.74 ug/l

RT: 2.41 min Scan# 566

Delta R.T. -0.00 min

Lab File: VU025330.D

Acq: 11 Jul 2018 21:33

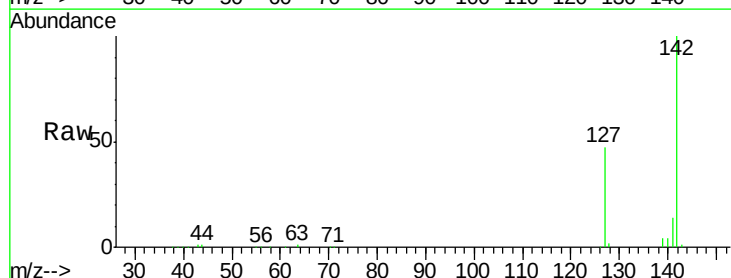
Tgt Ion:142 Resp: 103254

Ion Ratio Lower Upper

142 100

127 47.2 36.5 54.7

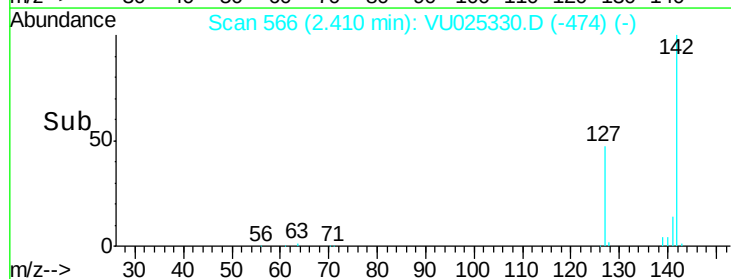
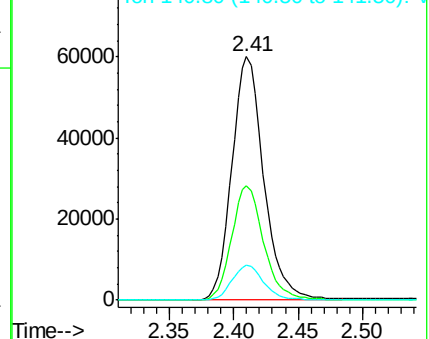
141 14.2 11.4 17.2

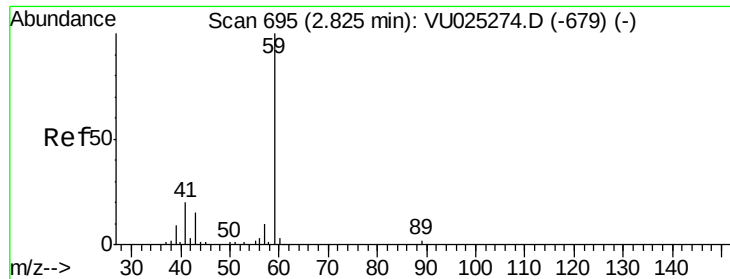


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

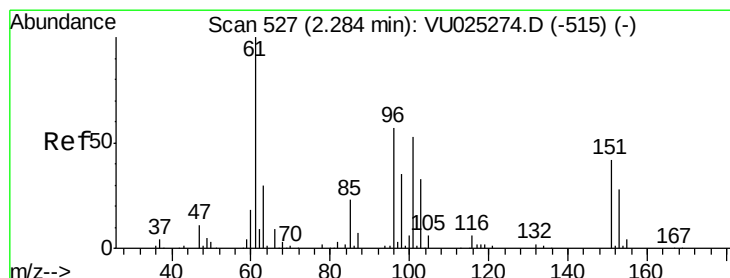
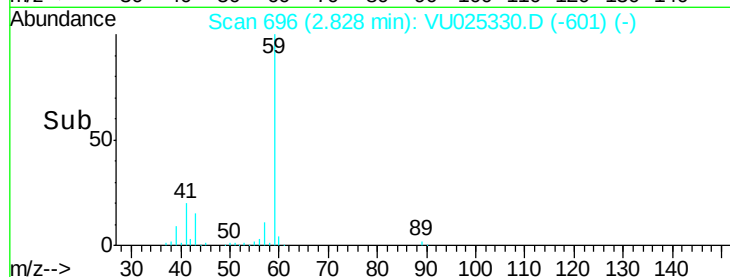
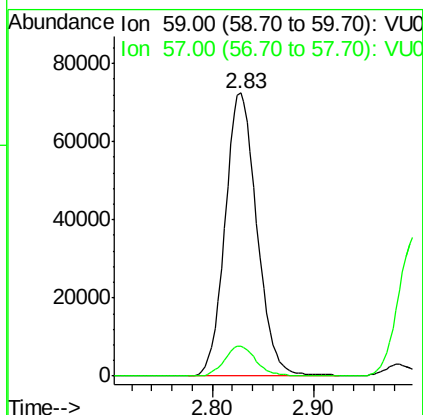
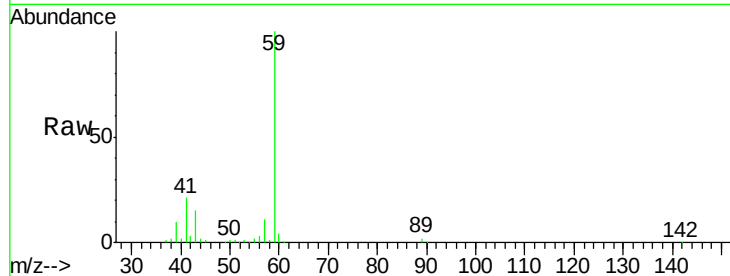




#11
Tert butyl alcohol
Concen: 259.92 ug/l
RT: 2.83 min Scan# 696
Delta R.T. 0.00 min
Lab File: VU025330.D
Acq: 11 Jul 2018 21:33

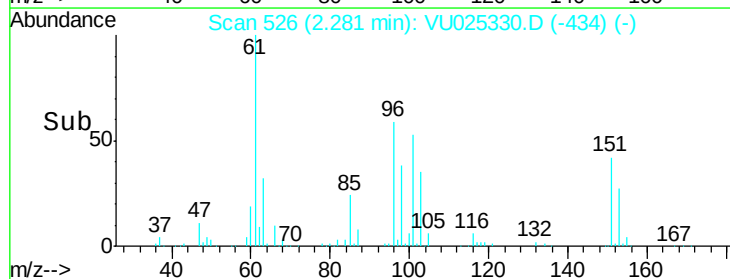
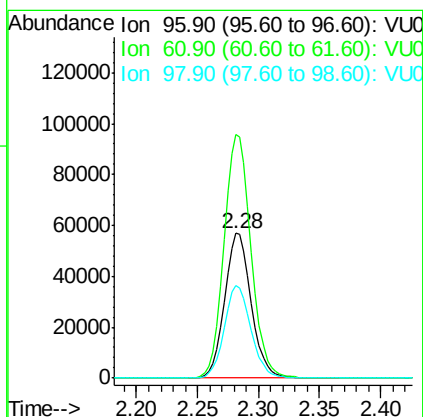
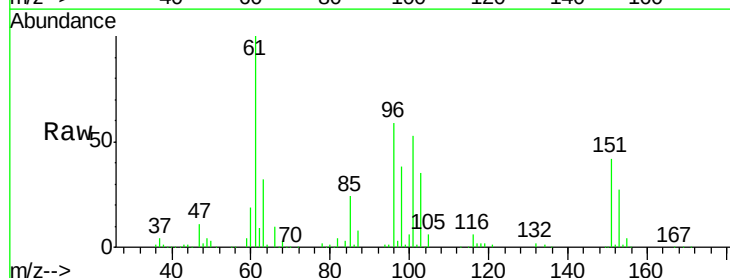
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

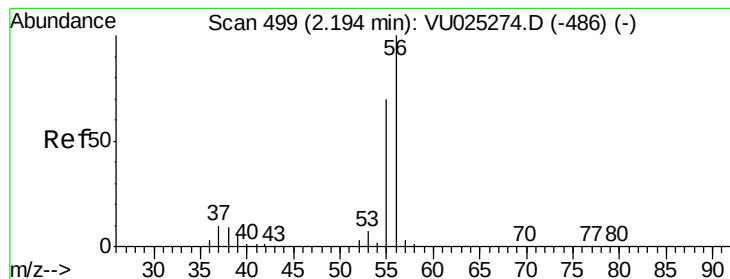
Tot Ion: 59 Resp: 159001
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.2



#12
1,1-Dichloroethene
Concen: 47.62 ug/l
RT: 2.28 min Scan# 526
Delta R.T. -0.00 min
Lab File: VU025330.D
Acq: 11 Jul 2018 21:33

Tgt Ion: 96 Resp: 87134
Ion Ratio Lower Upper
96 100
61 168.3 140.2 210.4
98 63.8 49.3 73.9





#13

Acrolein

Concen: 139.31 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU025330.D

Acq: 11 Jul 2018 21:33

Instrument :

MSVOA_U

ClientSampleId :

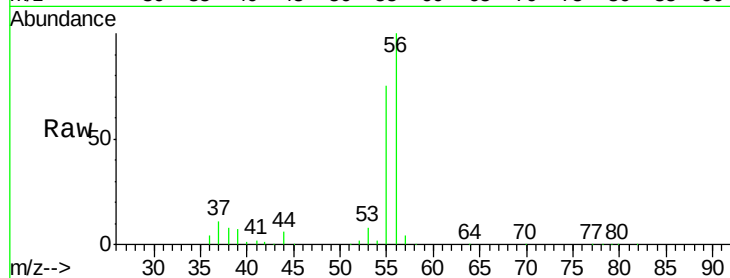
VSTDCCC050EC

Tot Ion: 56 Resp: 56378

Ion Ratio Lower Upper

56 100

55 74.6 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

2.19

40000

30000

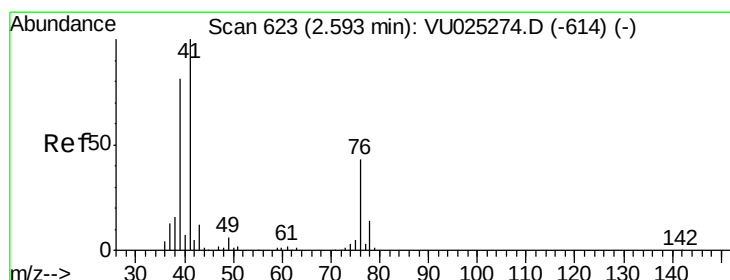
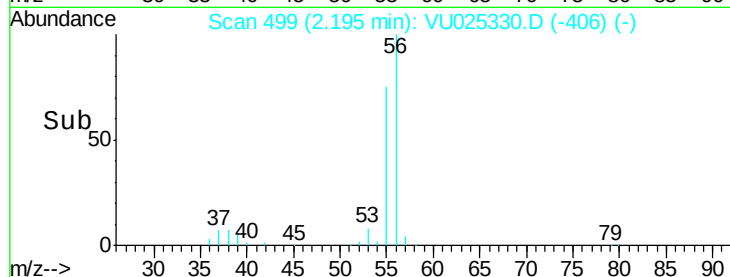
20000

10000

0

Time-->

2.15 2.20 2.25



#14

Allyl chloride

Concen: 45.26 ug/l

RT: 2.59 min Scan# 623

Delta R.T. 0.00 min

Lab File: VU025330.D

Acq: 11 Jul 2018 21:33

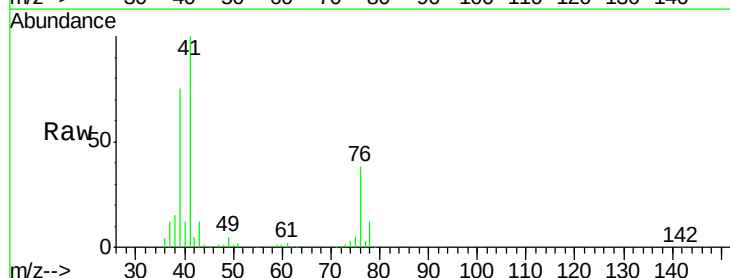
Tgt Ion: 41 Resp: 150161

Ion Ratio Lower Upper

41 100

39 76.4 60.6 91.0

76 37.2 30.5 45.7



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0

2.59

120000

100000

80000

60000

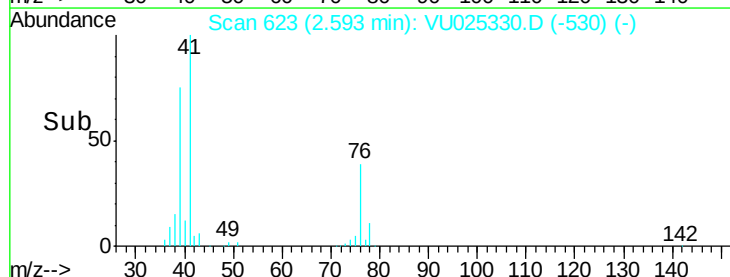
40000

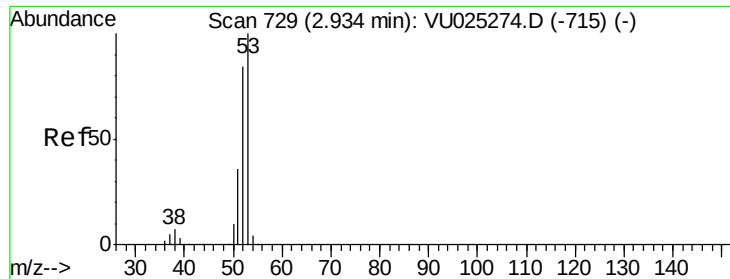
20000

0

Time-->

2.55 2.60 2.65 2.70

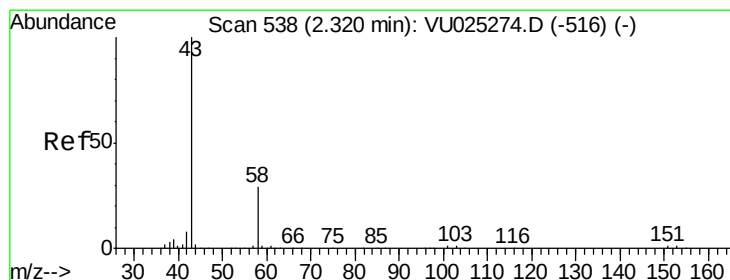
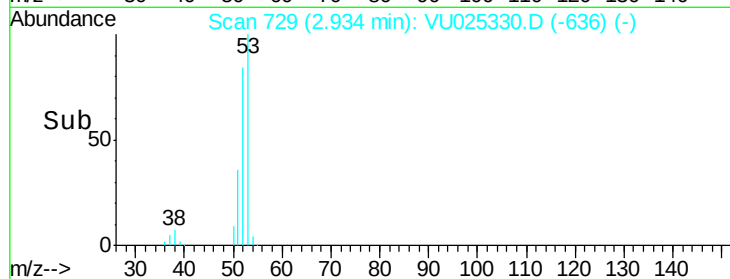
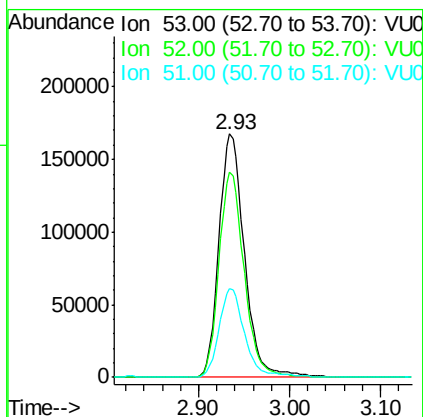
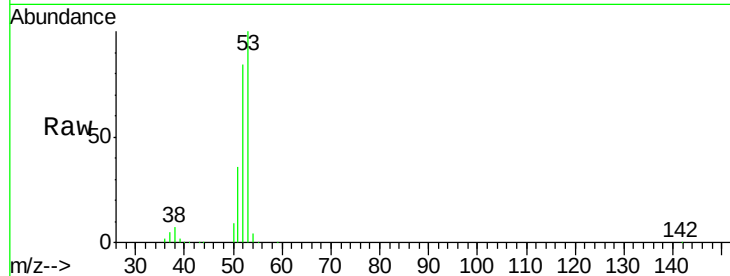




#15
 Acrylonitrile
 Concen: 259.55 ug/l
 RT: 2.93 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: VU025330.D
 Acq: 11 Jul 2018 21:33

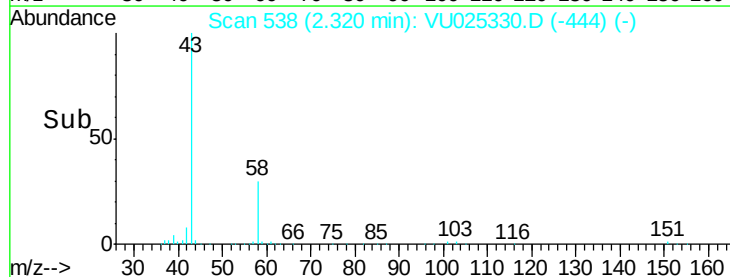
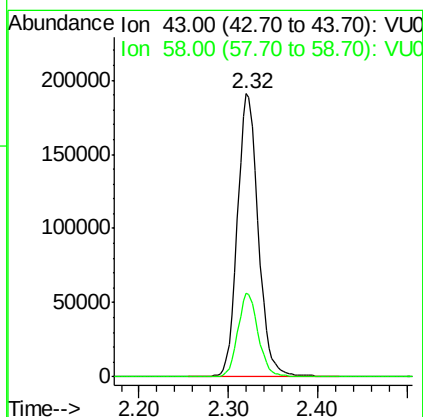
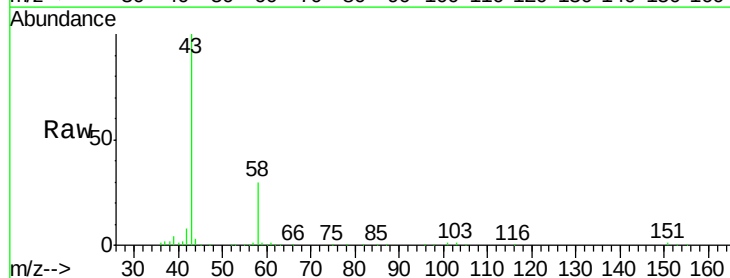
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

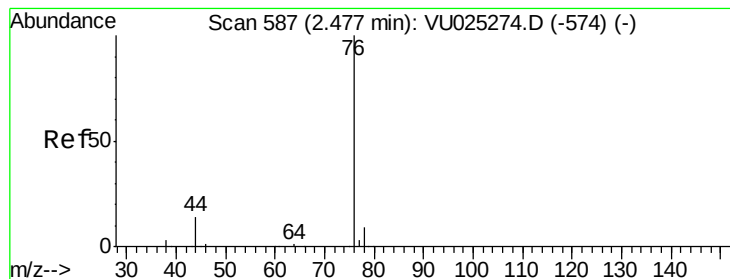
Tot Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.6	99.8
51	37.0	29.4	44.2



#16
 Acetone
 Concen: 216.59 ug/l
 RT: 2.32 min Scan# 538
 Delta R.T. 0.00 min
 Lab File: VU025330.D
 Acq: 11 Jul 2018 21:33

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.6	23.1	34.7





#17

Carbon Disulfide

Concen: 41.91 ug/l

RT: 2.48 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU025330.D

Acq: 11 Jul 2018 21:33

Instrument :

MSVOA_U

ClientSampleId :

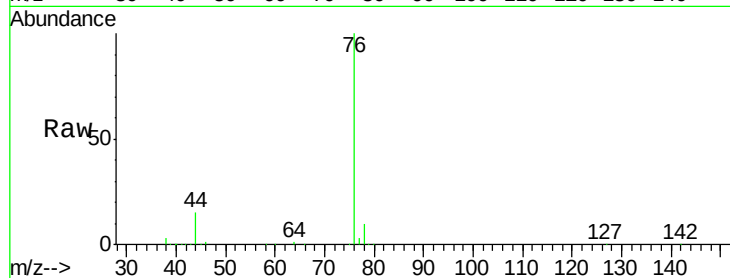
VSTDCCC050EC

Tot Ion: 76 Resp: 222321

Ion Ratio Lower Upper

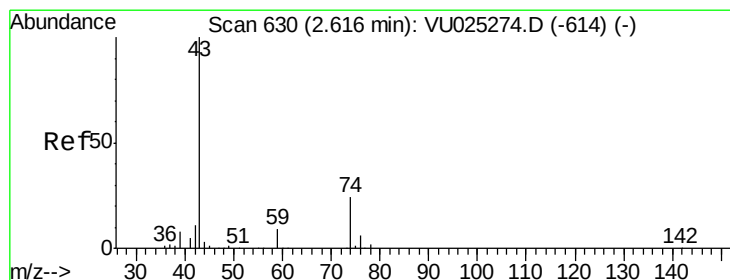
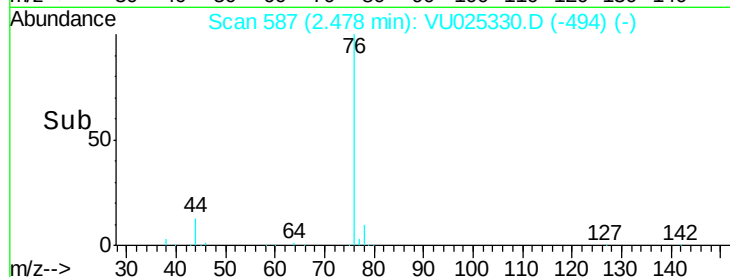
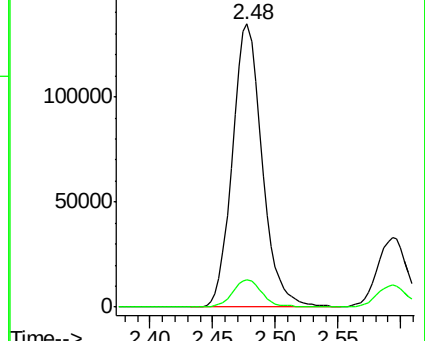
76 100

78 9.7 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VU025330.D (-494) (-)

Ion 77.90 (77.60 to 78.60): VU025330.D (-494) (-)



#18

Methyl Acetate

Concen: 56.47 ug/l

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU025330.D

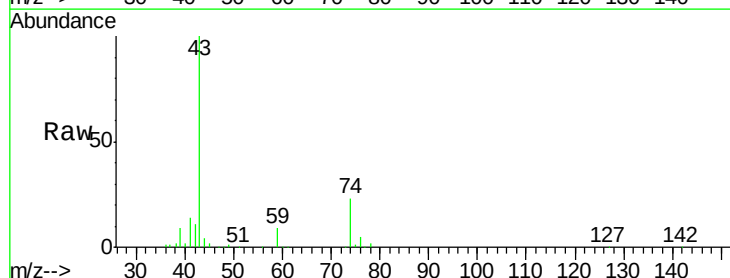
Acq: 11 Jul 2018 21:33

Tgt Ion: 43 Resp: 162117

Ion Ratio Lower Upper

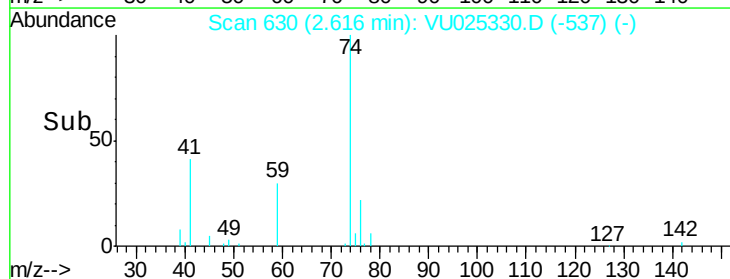
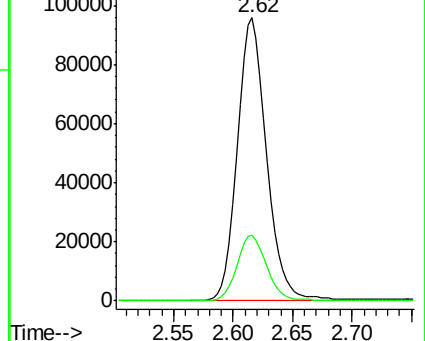
43 100

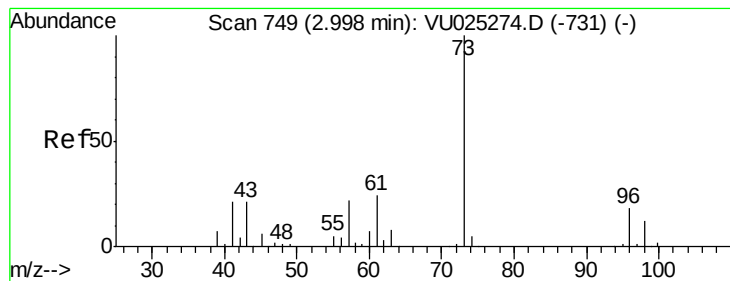
74 23.7 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VU025330.D (-537) (-)

Ion 74.00 (73.70 to 74.70): VU025330.D (-537) (-)



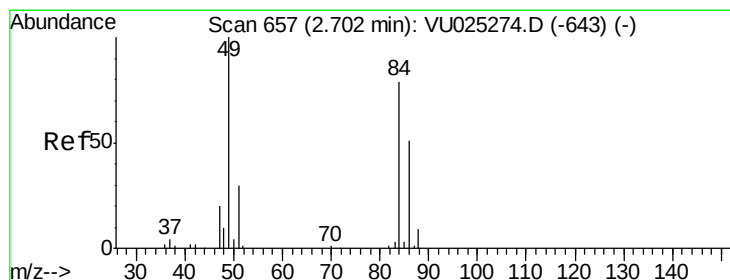
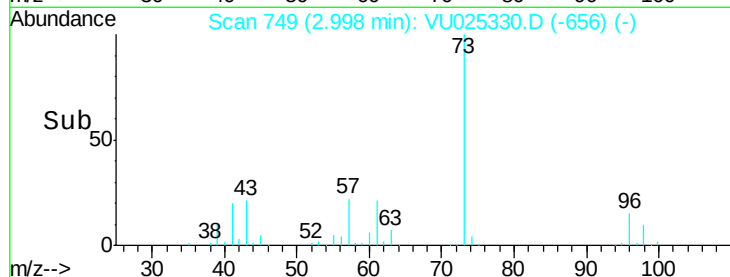
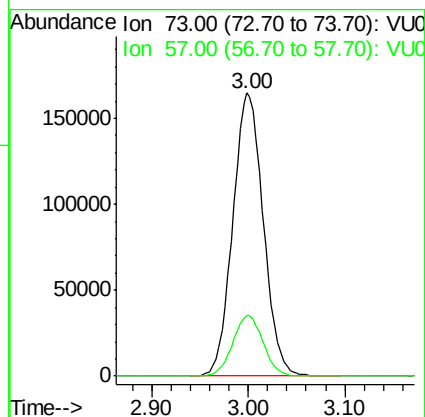
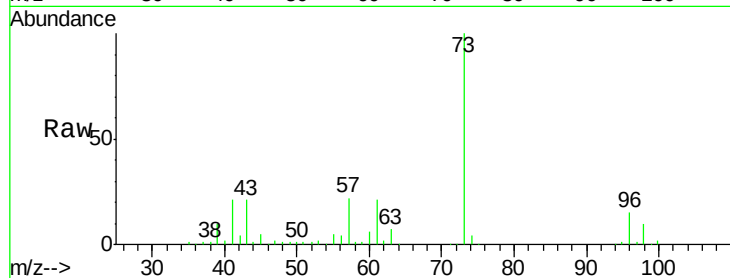


#19

Methvl tert-butvl Ether
 Concen: 51.79 ug/l
 RT: 3.00 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: VU025330.D
 Acq: 11 Jul 2018 21:33

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

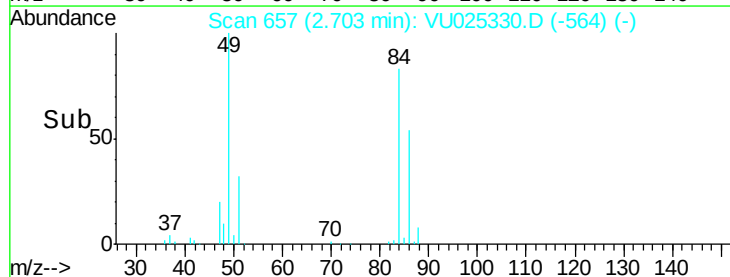
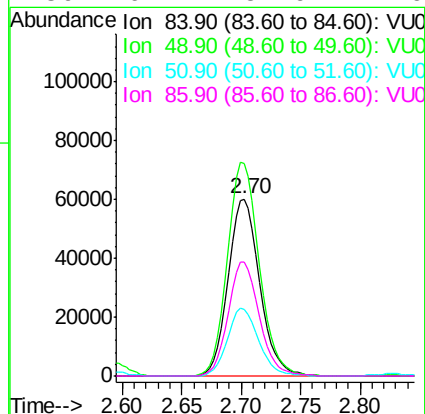
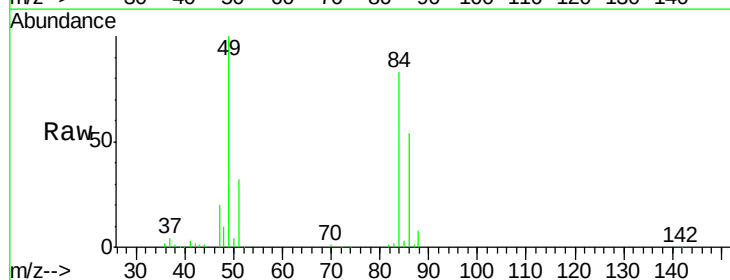
Tot Ion: 73 Resp: 360385
 Ion Ratio Lower Upper
 73 100
 57 21.5 17.4 26.2

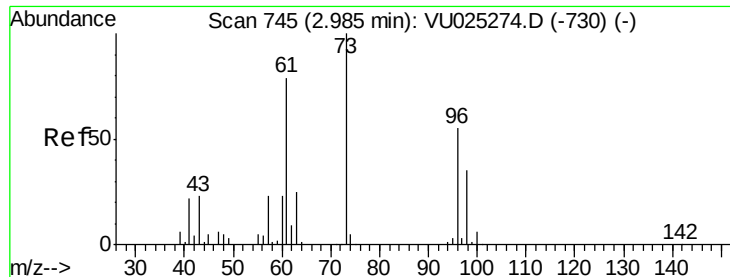


#20

Methylene Chloride
 Concen: 50.74 ug/l
 RT: 2.70 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: VU025330.D
 Acq: 11 Jul 2018 21:33

Tgt Ion: 84 Resp: 110099
 Ion Ratio Lower Upper
 84 100
 49 120.3 101.8 152.6
 51 37.9 30.8 46.2
 86 64.4 51.9 77.9

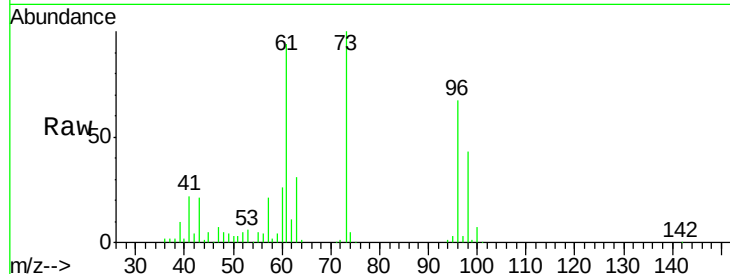




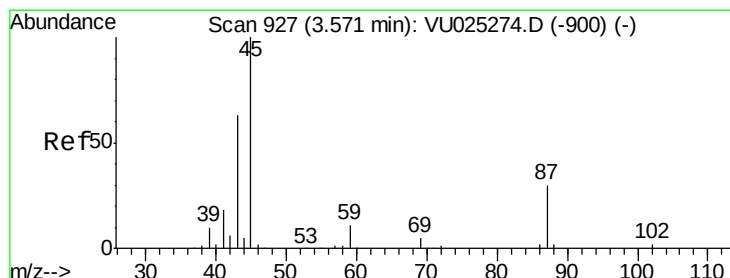
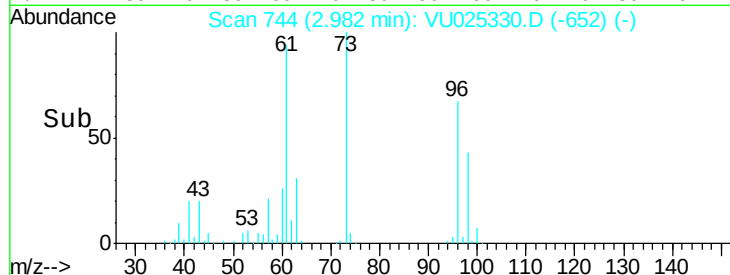
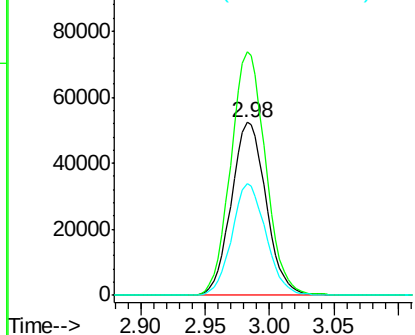
#21
trans-1,2-Dichloroethene
Concen: 47.05 ug/l
RT: 2.98 min Scan# 744
Delta R.T. -0.00 min
Lab File: VU025330.D
Acq: 11 Jul 2018 21:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 98366
Ion Ratio Lower Upper
96 100
61 140.8 114.5 171.7
98 64.5 50.5 75.7

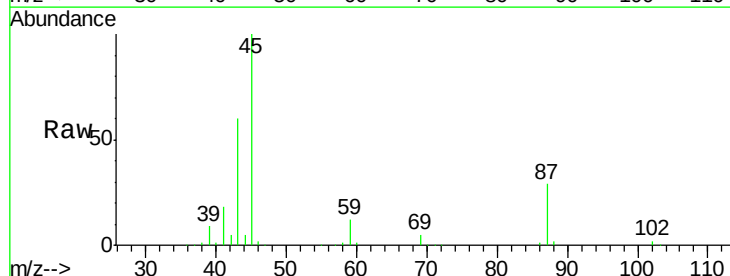


Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0

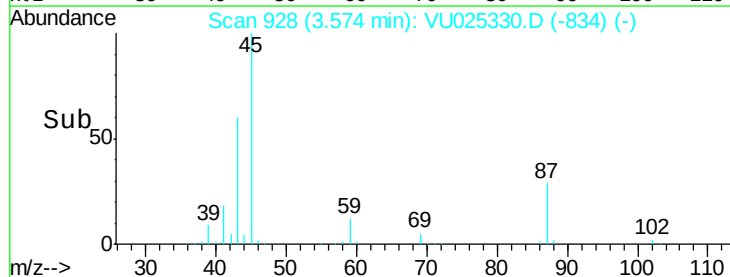
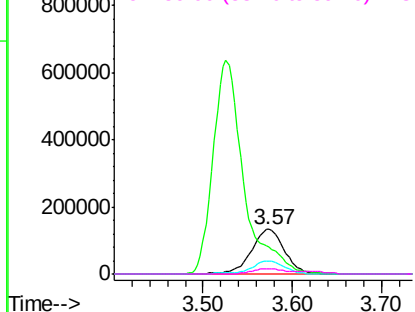


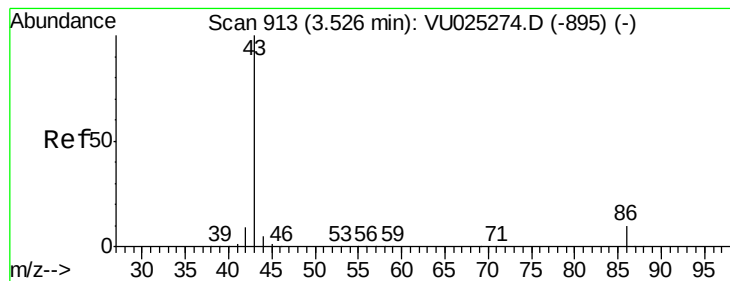
#22
Diisopropyl ether
Concen: 50.79 ug/l
RT: 3.57 min Scan# 928
Delta R.T. 0.00 min
Lab File: VU025330.D
Acq: 11 Jul 2018 21:33

Tgt Ion: 45 Resp: 344181
Ion Ratio Lower Upper
45 100
43 58.9 50.9 76.3
87 29.0 23.8 35.8
59 12.2 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 256.25 ug/l

RT: 3.53 min Scan# 913

Delta R.T. 0.00 min

Lab File: VU025330.D

Acq: 11 Jul 2018 21:33

Instrument :

MSVOA_U

ClientSampleId :

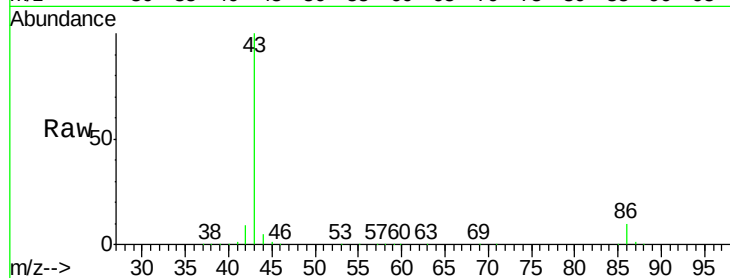
VSTDCCC050EC

Tot Ion: 43 Resp: 1523231

Ion Ratio Lower Upper

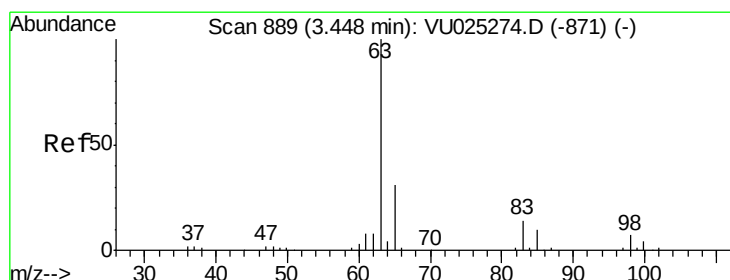
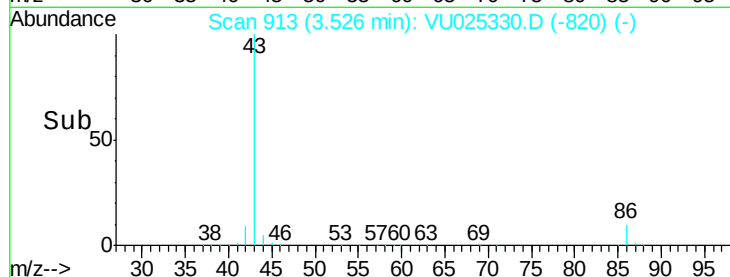
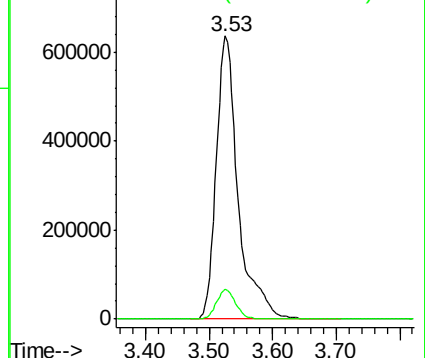
43 100

86 10.4 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 51.20 ug/l

RT: 3.45 min Scan# 889

Delta R.T. 0.00 min

Lab File: VU025330.D

Acq: 11 Jul 2018 21:33

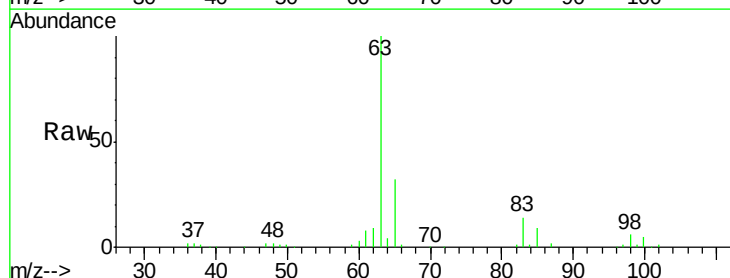
Tgt Ion: 63 Resp: 195682

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.1

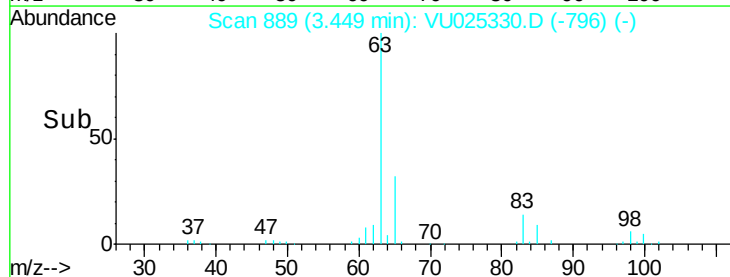
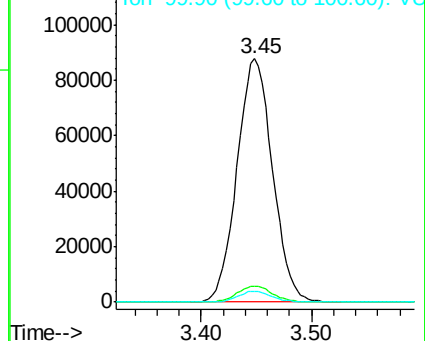
100 4.6 2.0 6.0

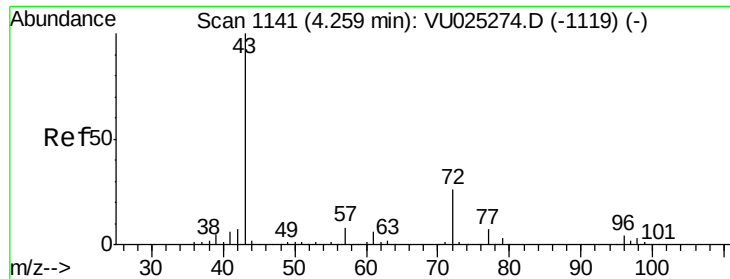


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0

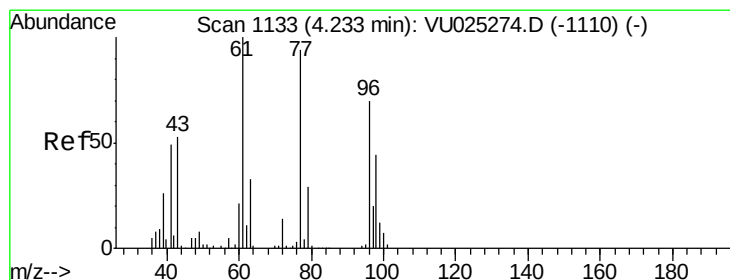
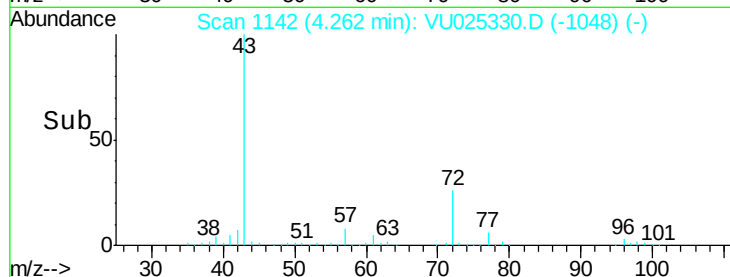
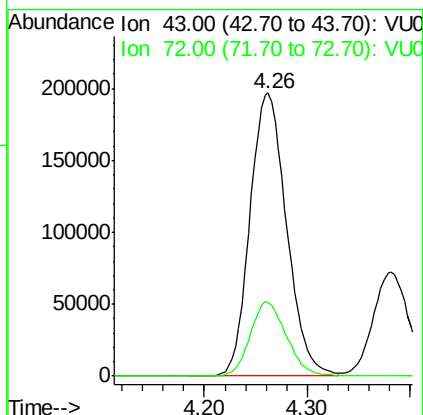
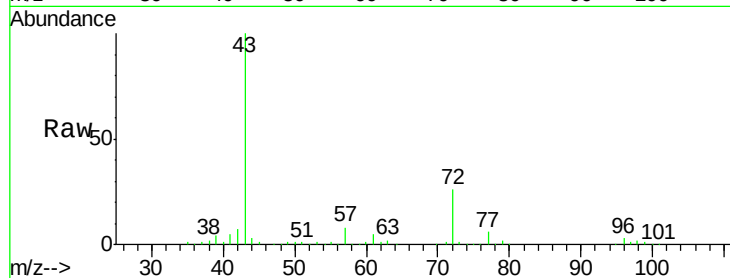




#25
 2-Butanone
 Concen: 248.29 ug/l
 RT: 4.26 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VU025330.D
 Acq: 11 Jul 2018 21:33

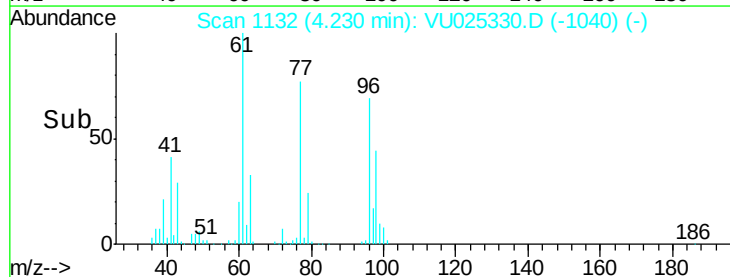
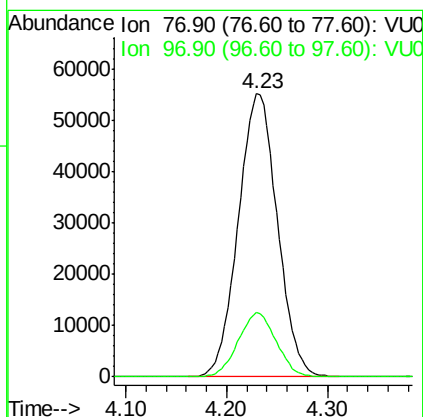
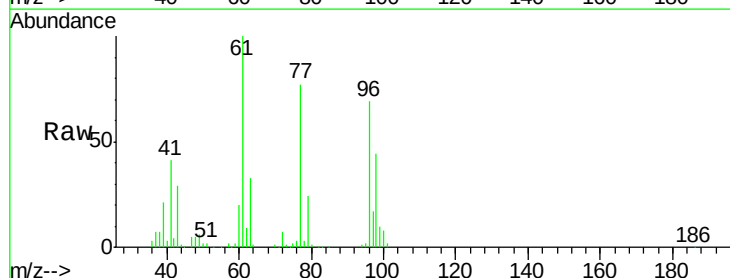
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

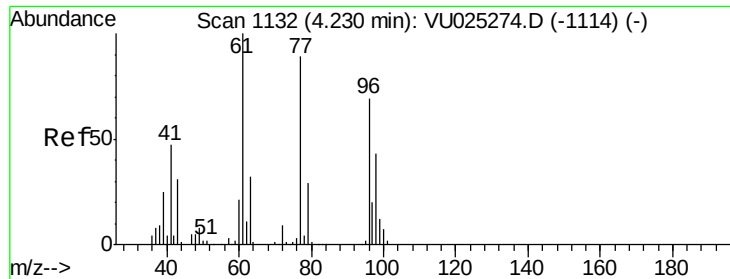
Tot Ion: 43 Resp: 482596
 Ion Ratio Lower Upper
 43 100
 72 26.2 21.0 31.4



#26
 2,2-Dichloropropane
 Concen: 40.29 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU025330.D
 Acq: 11 Jul 2018 21:33

Tgt Ion: 77 Resp: 148050
 Ion Ratio Lower Upper
 77 100
 97 22.0 11.2 33.5

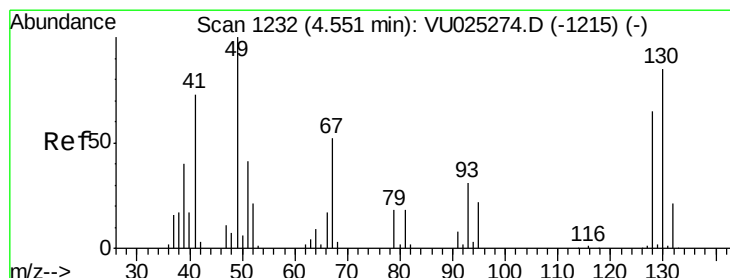
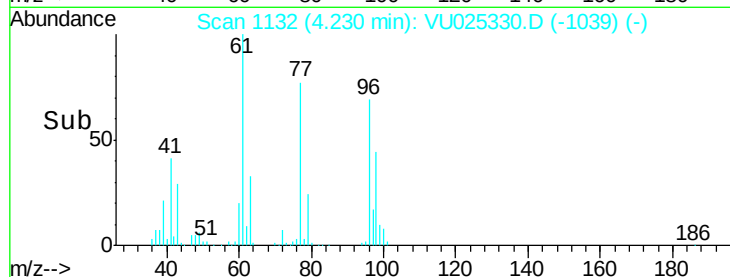
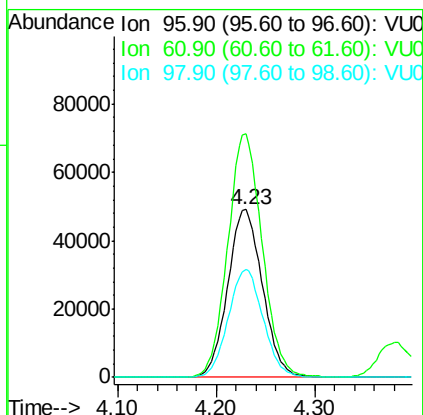
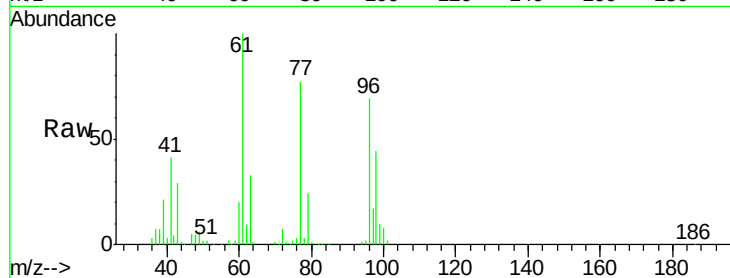




#27
 cis-1,2-Dichloroethene
 Concen: 49.72 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: VU025330.D
 Acq: 11 Jul 2018 21:33

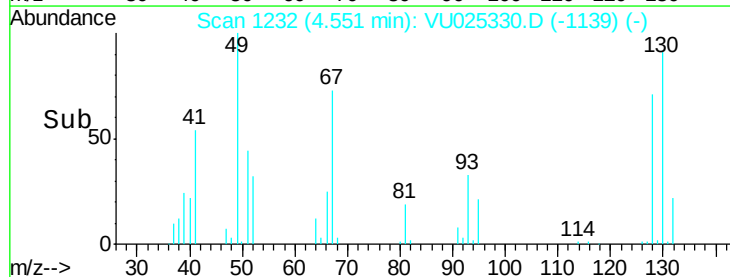
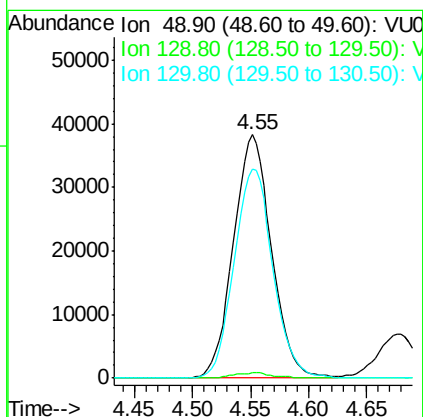
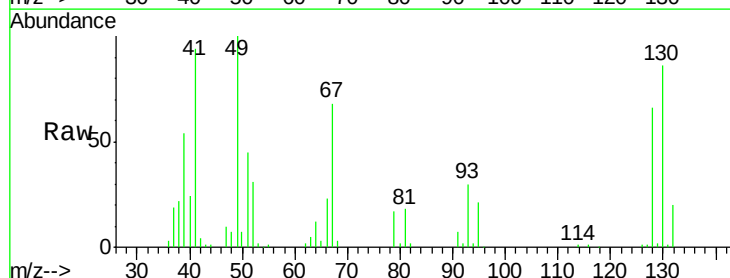
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

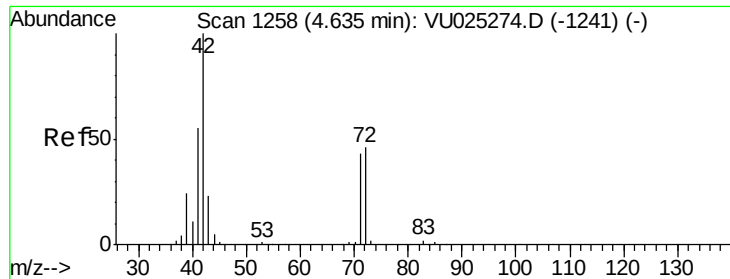
Tot Ion: 96 Resp: 120286
 Ion Ratio Lower Upper
 96 100
 61 144.5 0.0 299.8
 98 64.7 0.0 128.6



#28
 Bromochloromethane
 Concen: 47.27 ug/l
 RT: 4.55 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VU025330.D
 Acq: 11 Jul 2018 21:33

Tgt Ion: 49 Resp: 87229
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 87.7 68.6 102.8

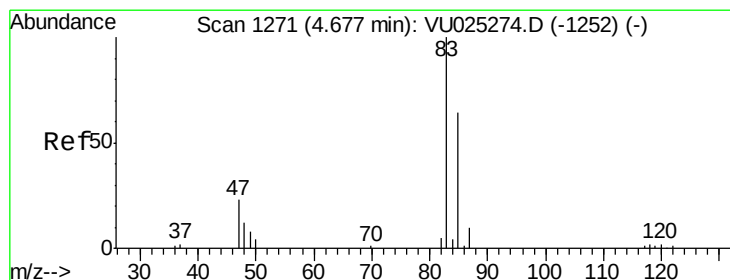
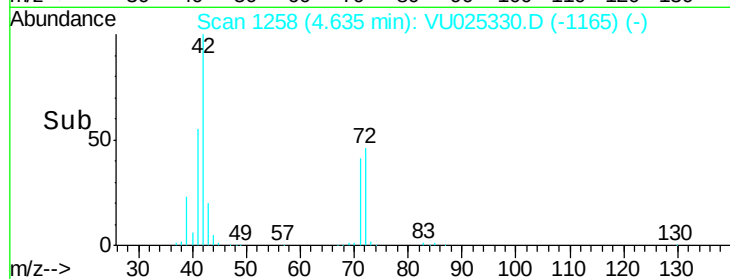
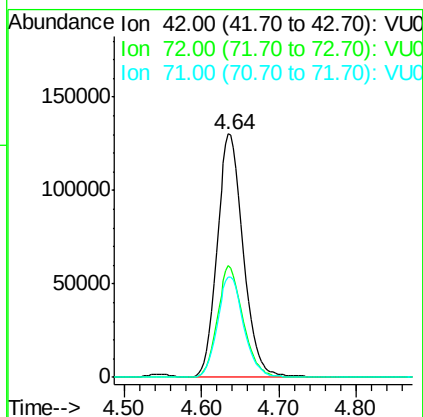
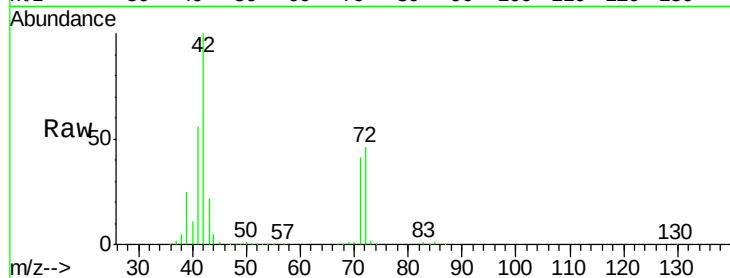




#29
Tetrahydrofuran
Concen: 261.47 ug/l
RT: 4.64 min Scan# 1258
Delta R.T. 0.00 min
Lab File: VU025330.D
Acq: 11 Jul 2018 21:33

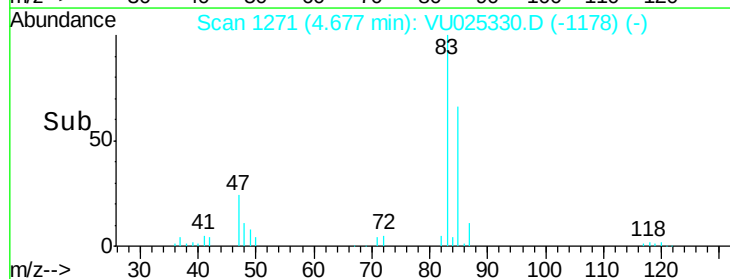
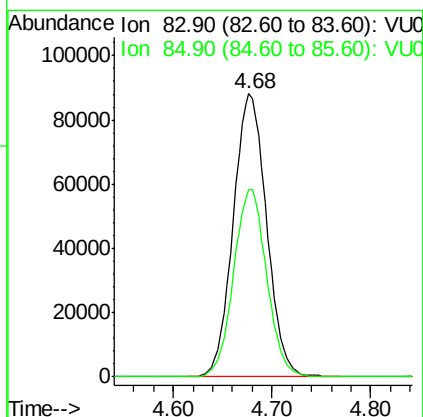
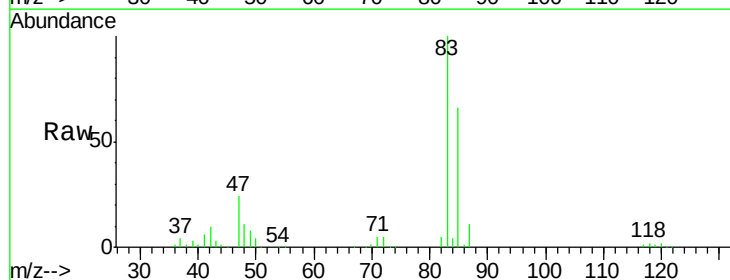
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

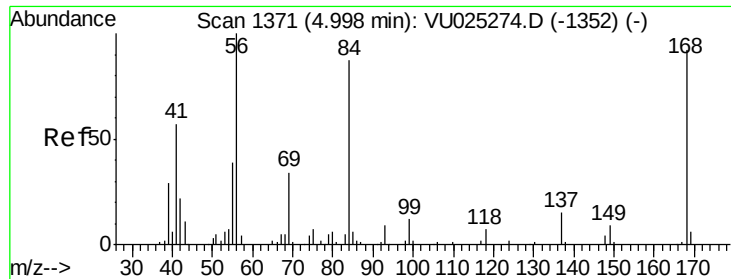
Tot Ion: 42 Resp: 304823
Ion Ratio Lower Upper
42 100
72 45.3 36.7 55.1
71 41.8 33.9 50.9



#30
Chloroform
Concen: 51.11 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU025330.D
Acq: 11 Jul 2018 21:33

Tgt Ion: 83 Resp: 206858
Ion Ratio Lower Upper
83 100
85 66.1 51.5 77.3

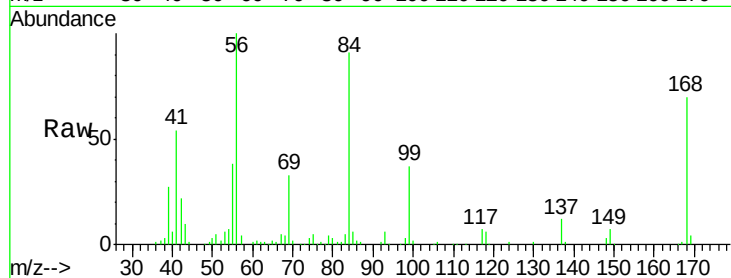




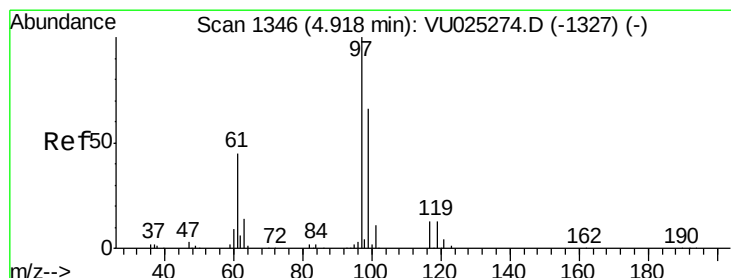
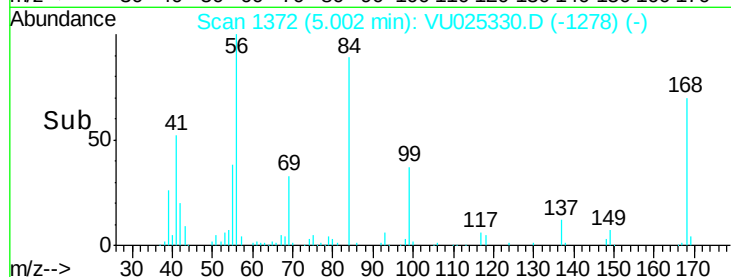
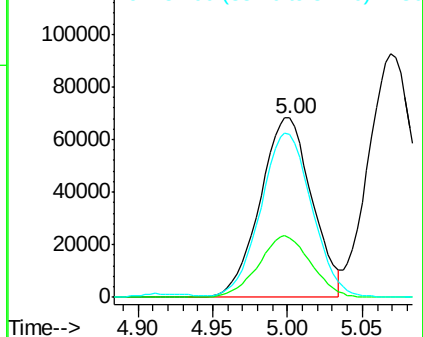
#31
Cyclohexane
Concen: 46.40 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU025330.D
Acq: 11 Jul 2018 21:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 164125
Ion Ratio Lower Upper
56 100
69 33.3 26.8 40.2
84 89.4 69.7 104.5

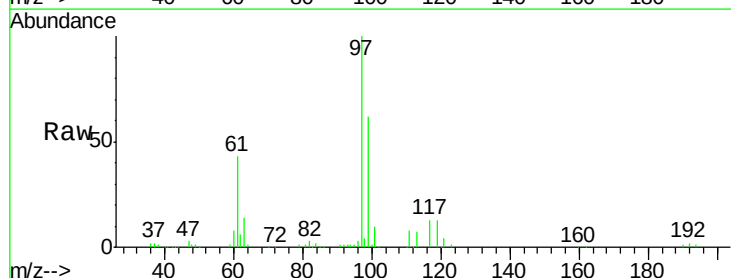


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

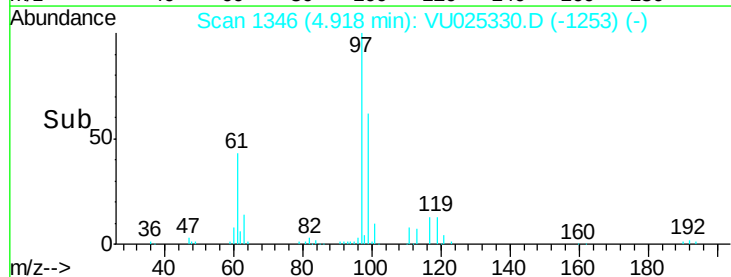
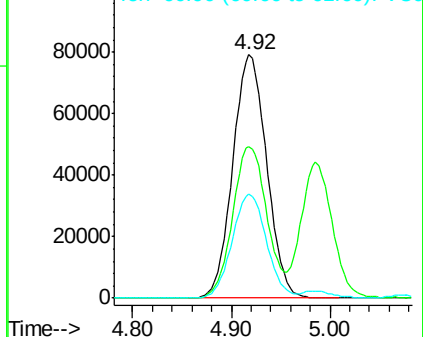


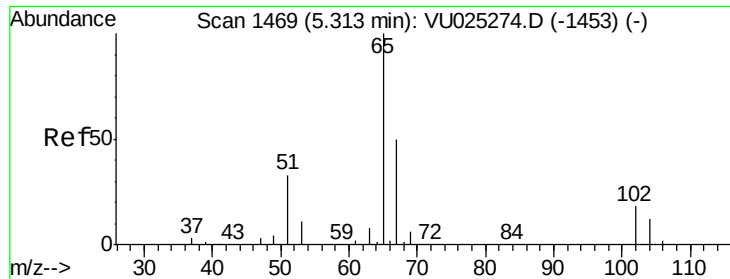
#32
1,1,1-Trichloroethane
Concen: 51.51 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VU025330.D
Acq: 11 Jul 2018 21:33

Tgt Ion: 97 Resp: 188935
Ion Ratio Lower Upper
97 100
99 62.8 50.8 76.2
61 43.4 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

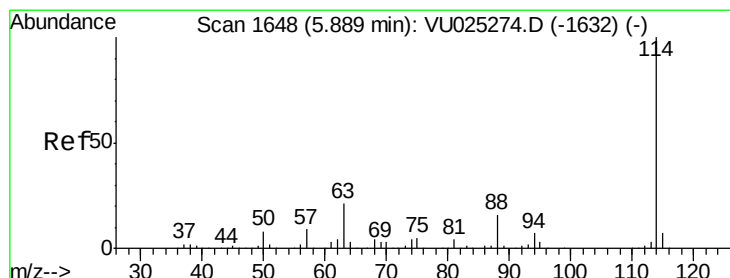
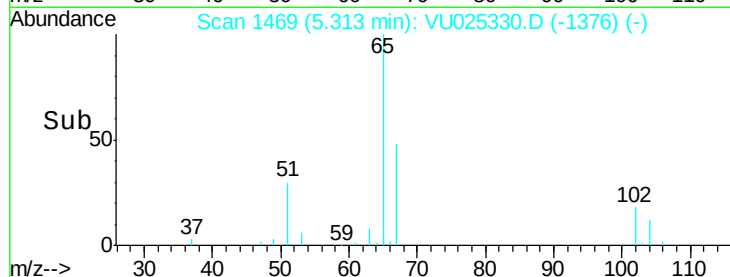
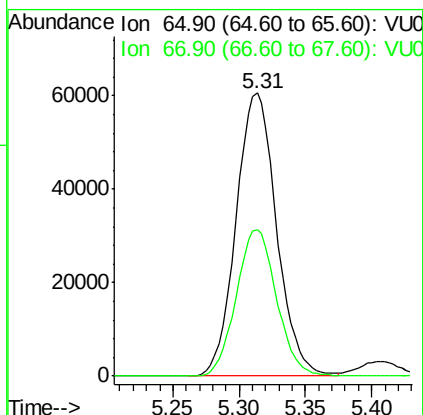
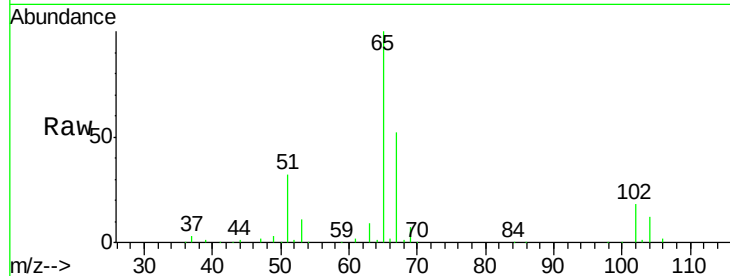




#33
 1,2-Dichloroethane-d4
 Concen: 45.83 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025330.D
 Acq: 11 Jul 2018 21:33

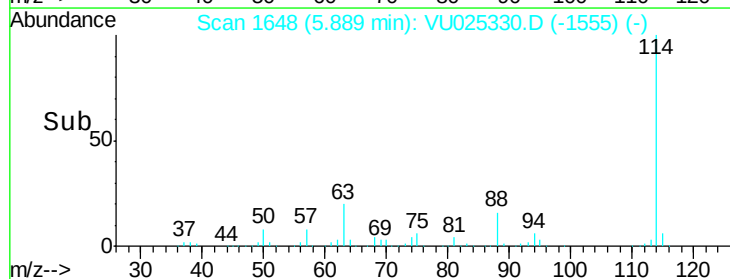
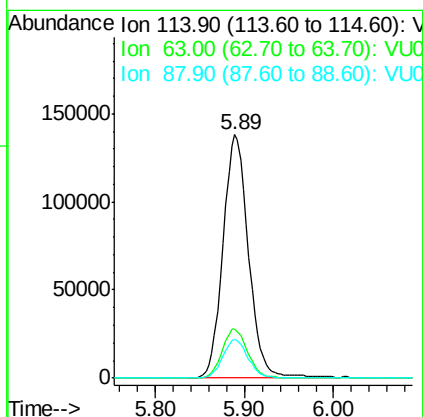
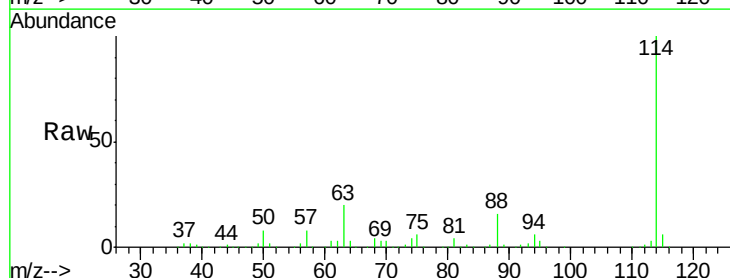
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

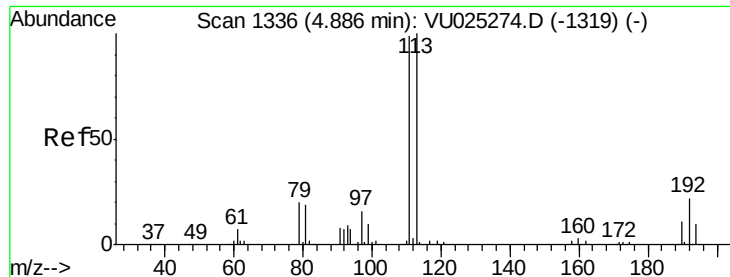
Tot Ion: 65 Resp: 128524
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: VU025330.D
 Acq: 11 Jul 2018 21:33

Tgt Ion: 114 Resp: 273962
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.6
 88 16.1 0.0 32.4

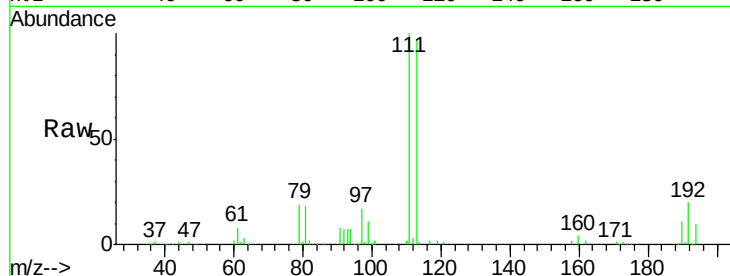




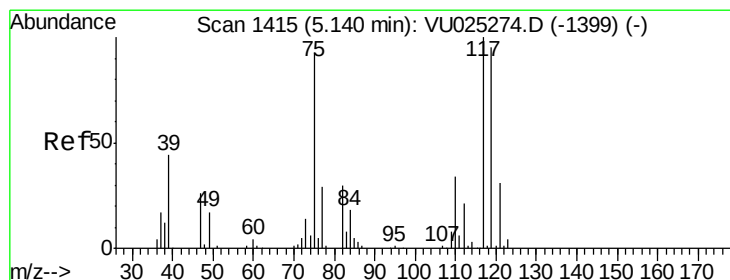
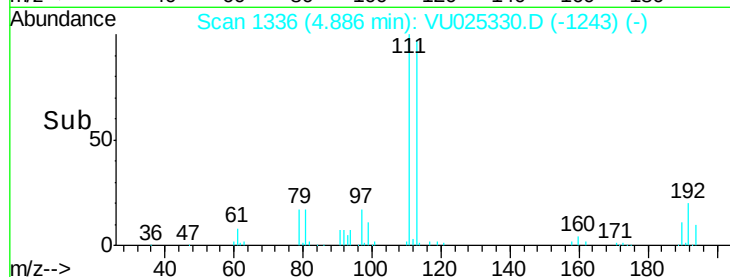
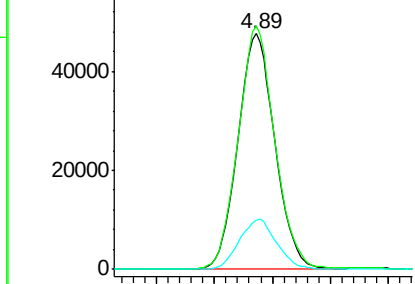
#35
 Dibromofluoromethane
 Concen: 45.58 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU025330.D
 Acq: 11 Jul 2018 21:33

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 105330
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.7 122.5
 192 21.4 17.1 25.7

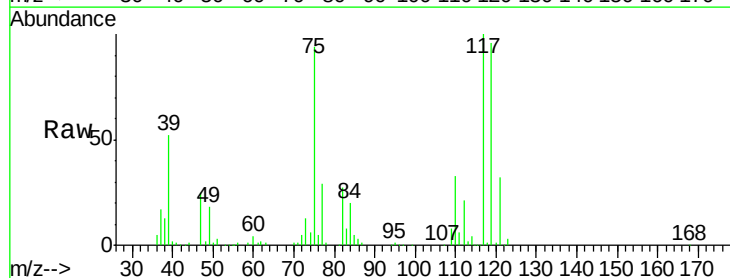


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

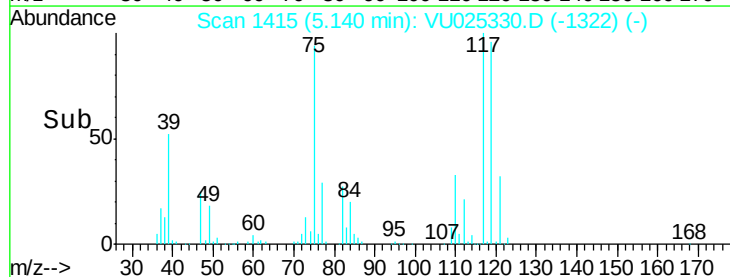
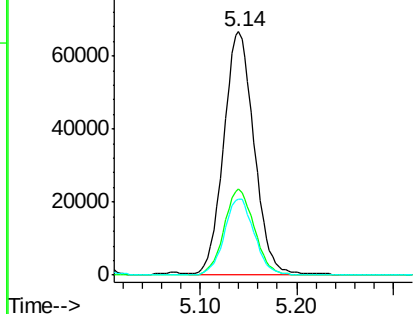


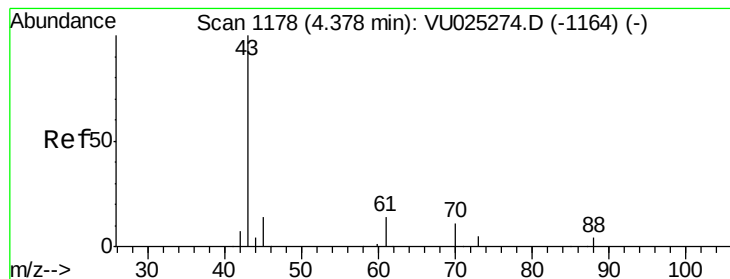
#36
 1,1-Dichloropropene
 Concen: 47.38 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VU025330.D
 Acq: 11 Jul 2018 21:33

Tgt Ion: 75 Resp: 144318
 Ion Ratio Lower Upper
 75 100
 110 35.4 17.6 52.9
 77 30.5 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: 51.94 ug/l

RT: 4.38 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VU025330.D

Acq: 11 Jul 2018 21:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

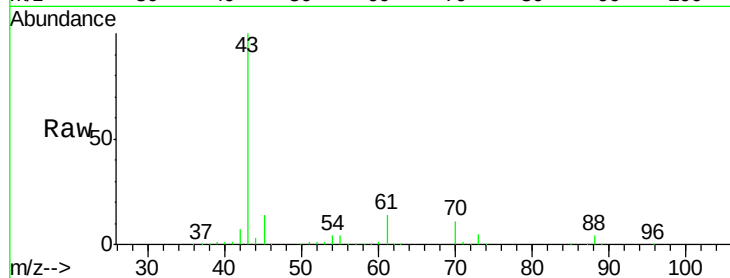
Tot Ion: 43 Resp: 176440

Ion Ratio Lower Upper

43 100

61 14.2 10.7 16.1

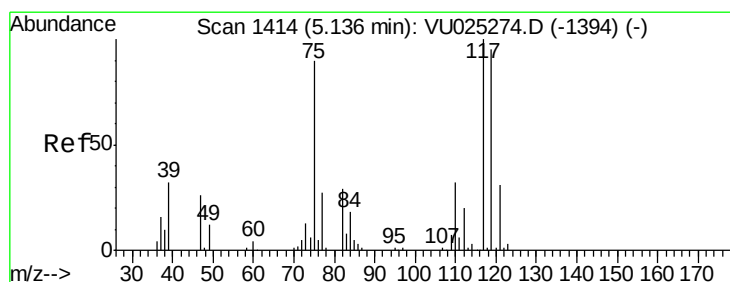
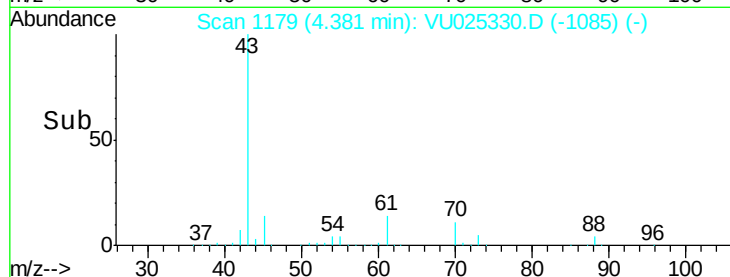
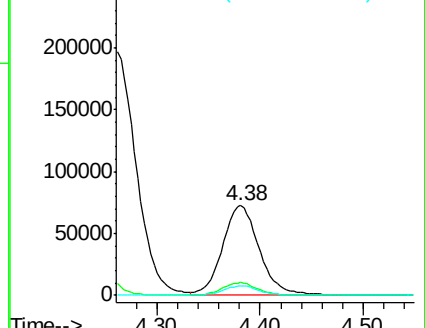
70 10.5 8.4 12.6



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

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

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



#38

Carbon Tetrachloride

Concen: 50.37 ug/l

RT: 5.14 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VU025330.D

Acq: 11 Jul 2018 21:33

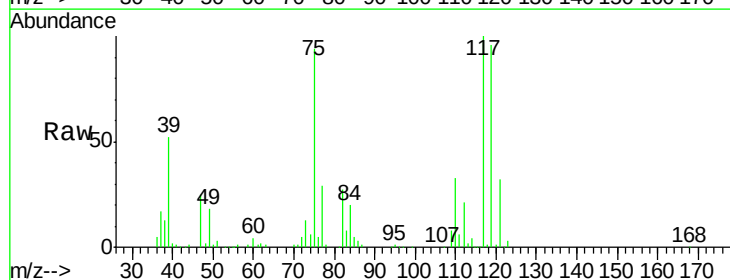
Tgt Ion: 117 Resp: 165120

Ion Ratio Lower Upper

117 100

119 95.9 75.7 113.5

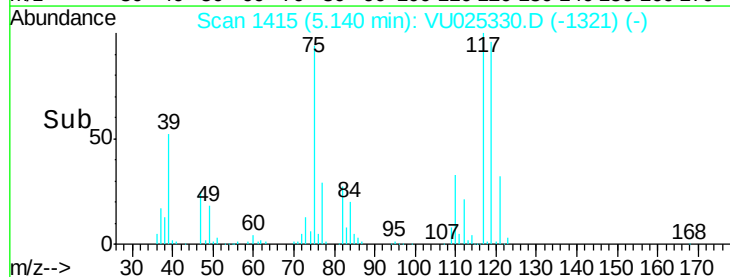
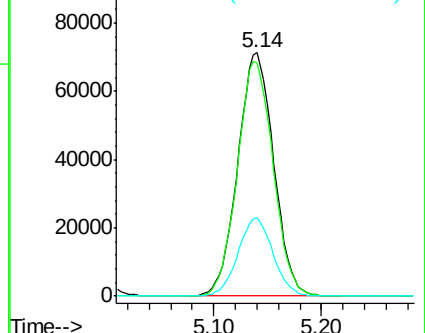
121 32.0 24.6 36.8

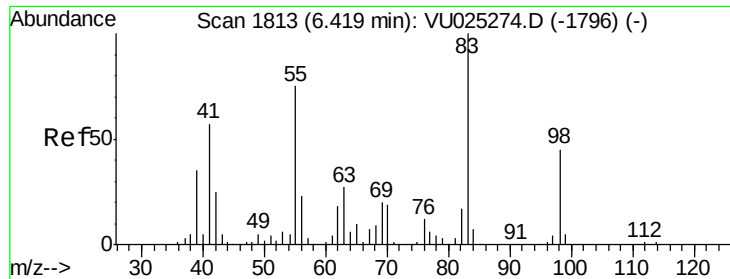


Abundance Ion 116.80 (116.50 to 117.50): VU025274.D (-1394) (-)

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

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

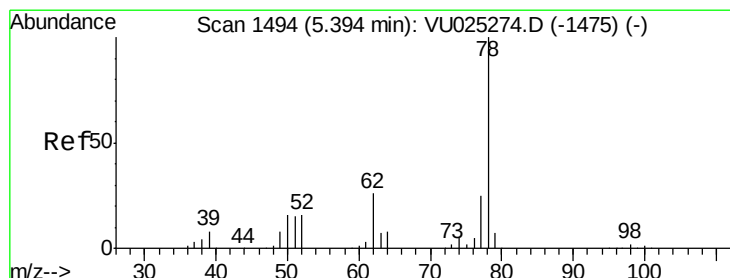
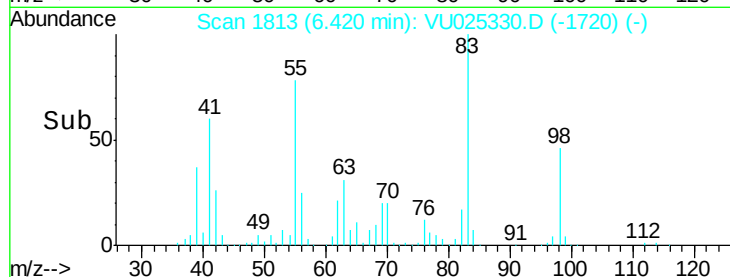
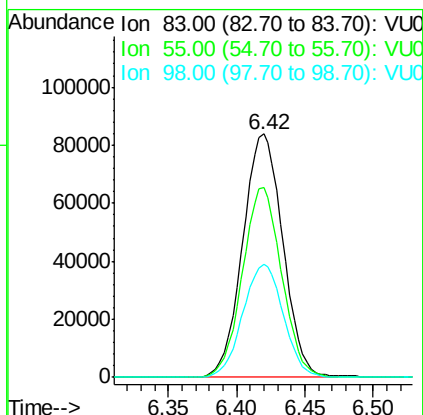
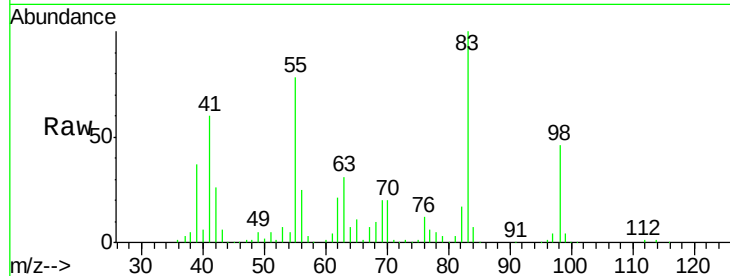




#39
Methylvlcyclohexane
Concen: 45.07 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025330.D
Acq: 11 Jul 2018 21:33

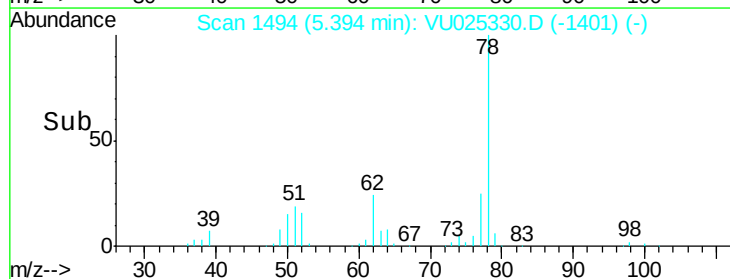
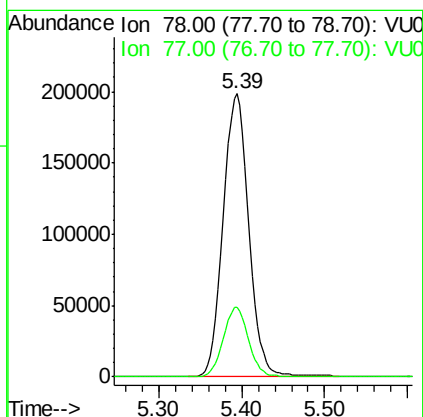
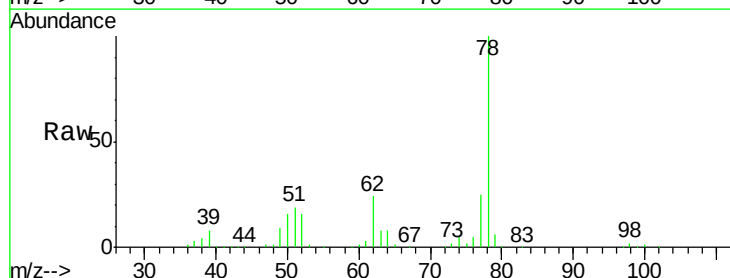
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

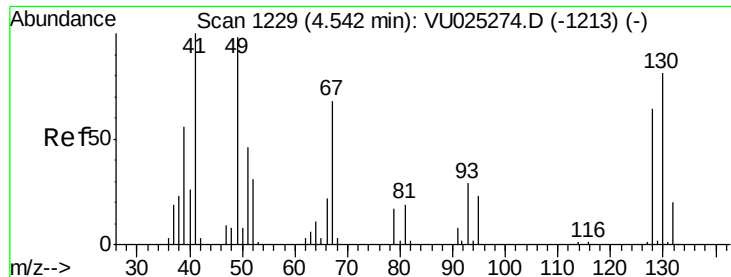
Tot Ion: 83 Resp: 171239
Ion Ratio Lower Upper
83 100
55 77.9 60.0 90.0
98 46.2 36.1 54.1



#40
Benzene
Concen: 48.74 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025330.D
Acq: 11 Jul 2018 21:33

Tgt Ion: 78 Resp: 427823
Ion Ratio Lower Upper
78 100
77 24.7 19.8 29.6

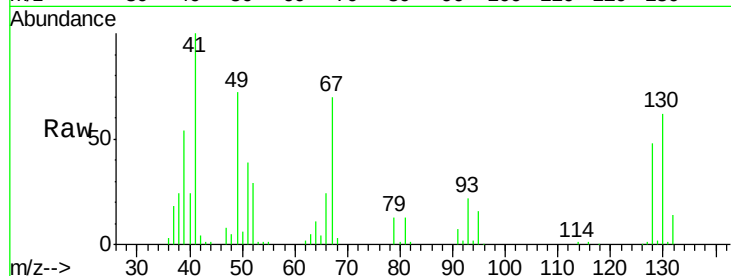




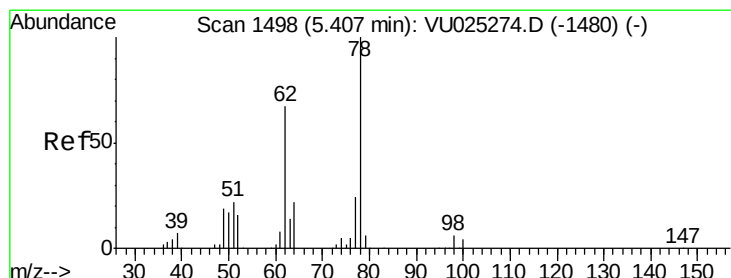
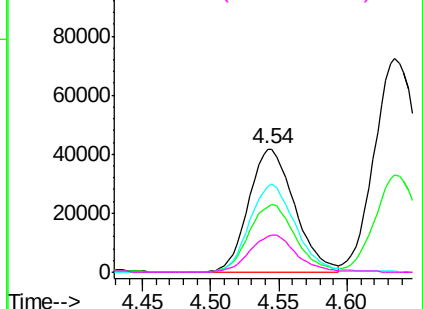
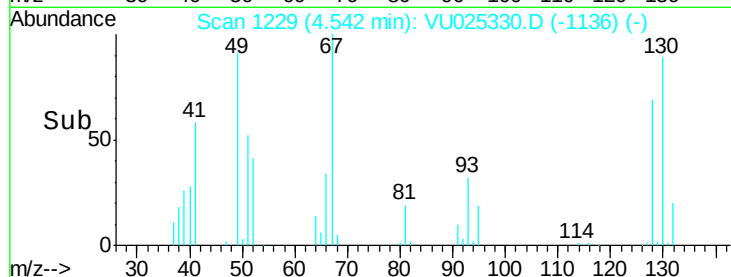
#41
Methacrylonitrile
Concen: 52.13 ug/l
RT: 4.54 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VU025330.D
Acq: 11 Jul 2018 21:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 98174
Ion Ratio Lower Upper
41 100
39 55.0 44.4 66.6
67 71.6 56.0 84.0
52 30.6 24.6 36.8

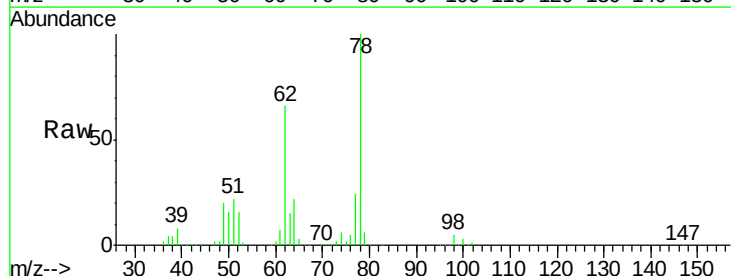


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

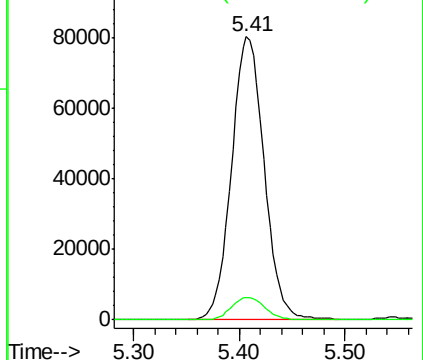
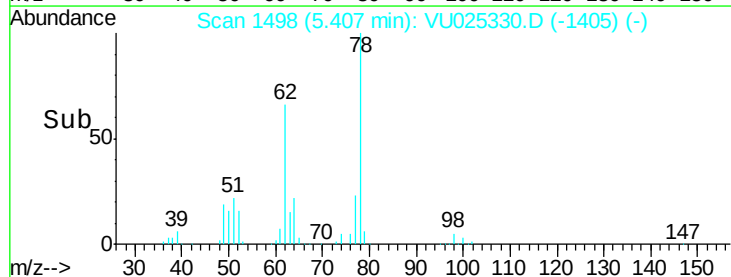


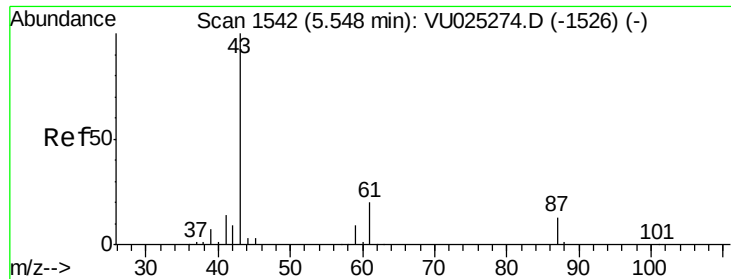
#42
1,2-Dichloroethane
Concen: 49.33 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. 0.00 min
Lab File: VU025330.D
Acq: 11 Jul 2018 21:33

Tgt Ion: 62 Resp: 172125
Ion Ratio Lower Upper
62 100
98 8.1 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: 50.84 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. 0.00 min

Lab File: VU025330.D

Acq: 11 Jul 2018 21:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

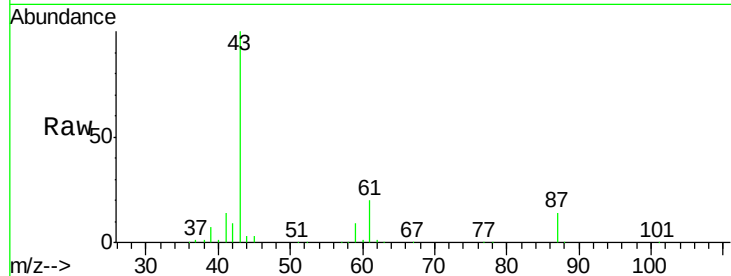
Tot Ion: 43 Resp: 276545

Ion Ratio Lower Upper

43 100

61 19.9 15.5 23.3

87 13.8 10.6 16.0

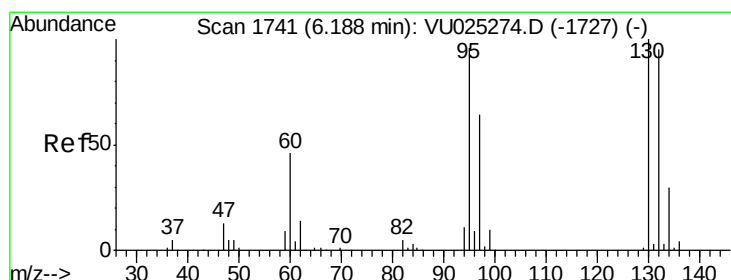
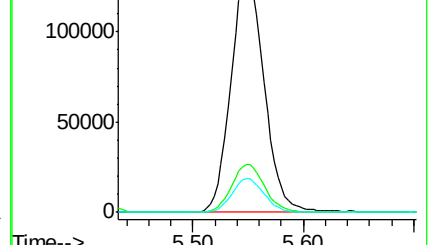
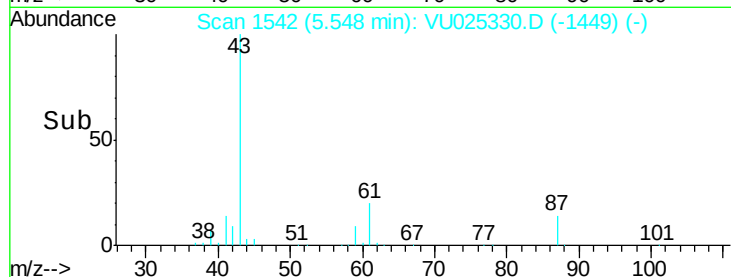


Abundance Ion 43.00 (42.70 to 43.70): VU025274.D (-1526) (-)

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

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

Time-->



#44

Trichloroethene

Concen: 46.92 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025330.D

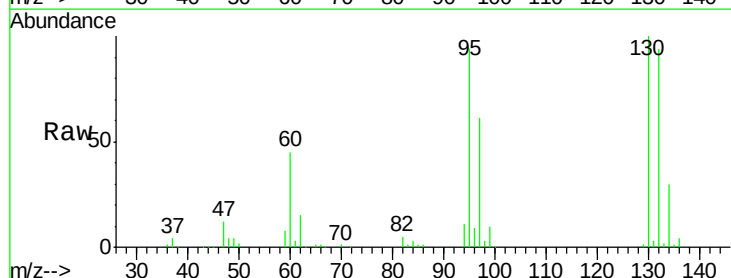
Acq: 11 Jul 2018 21:33

Tgt Ion:130 Resp: 118260

Ion Ratio Lower Upper

130 100

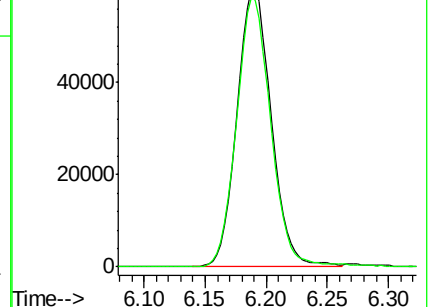
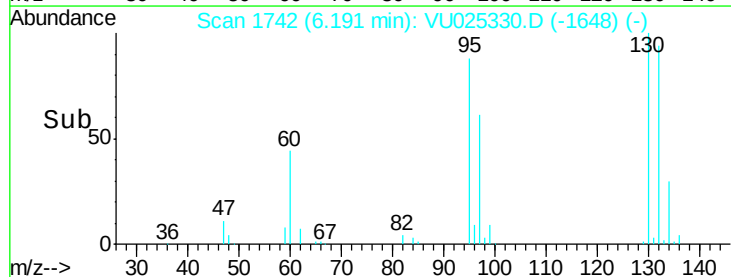
95 94.3 0.0 192.2

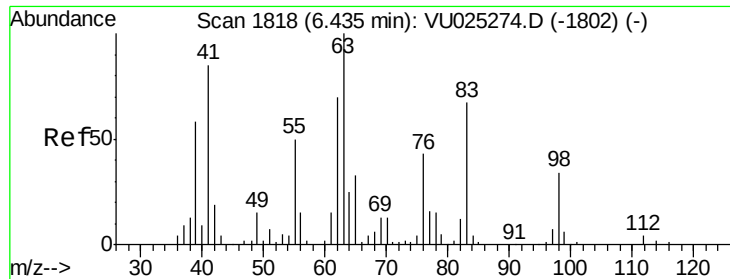


Abundance Ion 129.80 (129.50 to 130.50): VU025274.D (-1727) (-)

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

Time-->

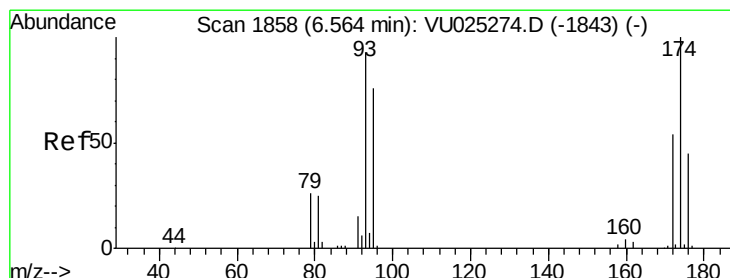
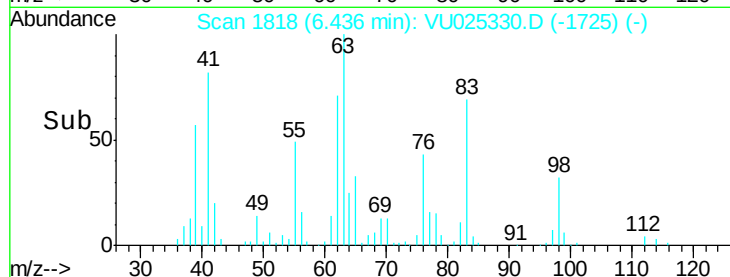
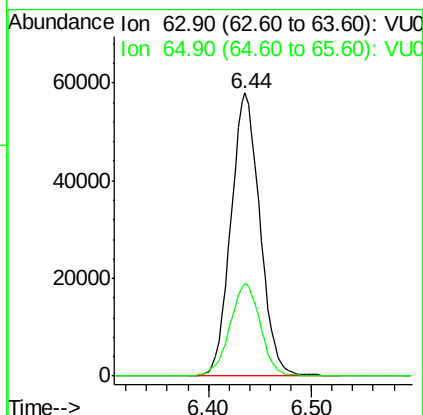
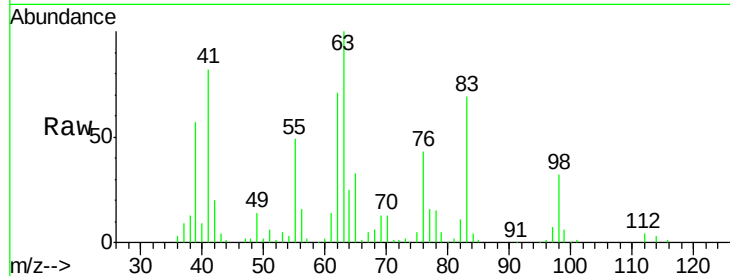




#45
 1,2-Dichloropropane
 Concen: 49.49 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VU025330.D
 Acq: 11 Jul 2018 21:33

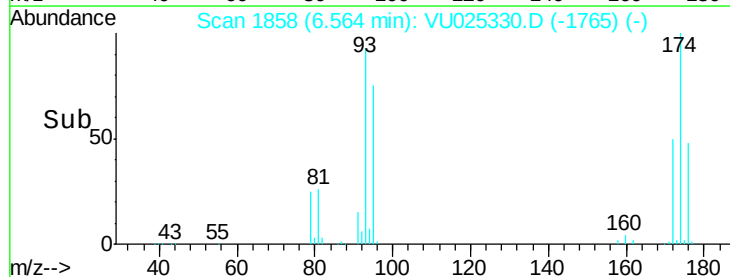
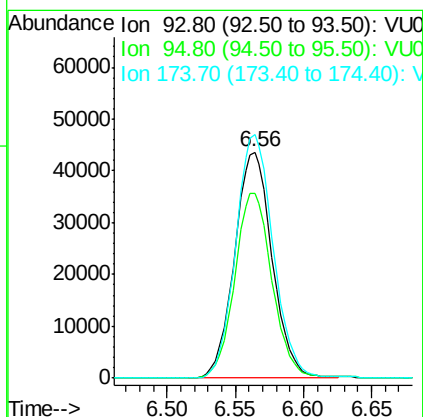
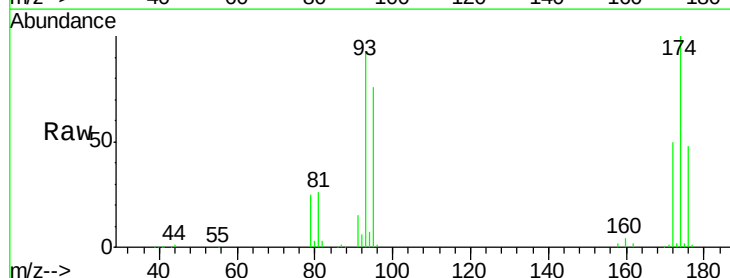
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

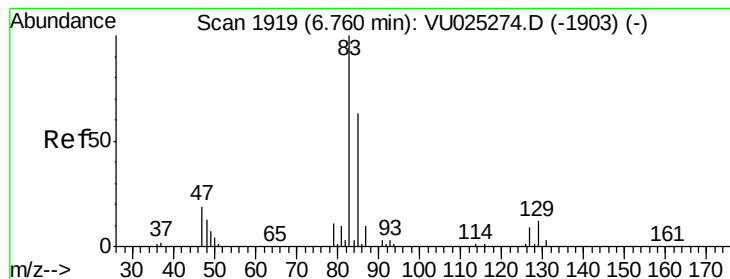
Tot Ion: 63 Resp: 113782
 Ion Ratio Lower Upper
 63 100
 65 32.6 26.1 39.1



#46
 Dibromomethane
 Concen: 49.85 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VU025330.D
 Acq: 11 Jul 2018 21:33

Tgt Ion: 93 Resp: 83397
 Ion Ratio Lower Upper
 93 100
 95 81.7 66.6 100.0
 174 108.0 85.8 128.8





#47

Bromodichloromethane

Concen: 51.29 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025330.D

Acq: 11 Jul 2018 21:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

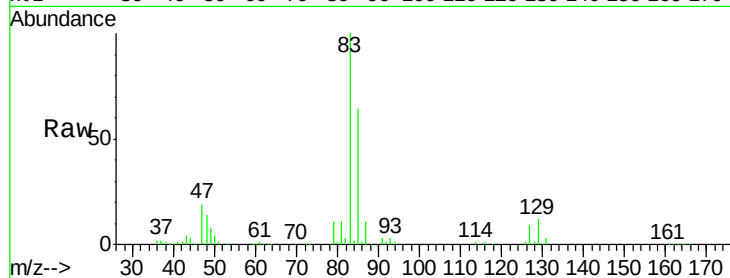
Tot Ion: 83 Resp: 159398

Ion Ratio Lower Upper

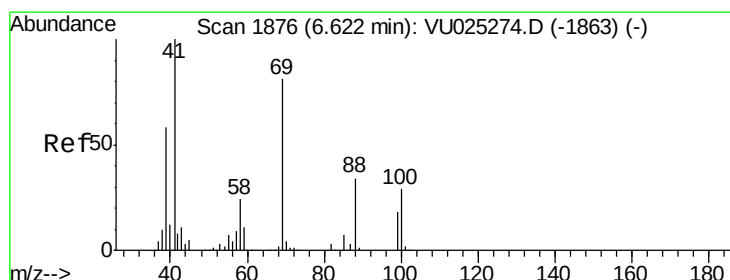
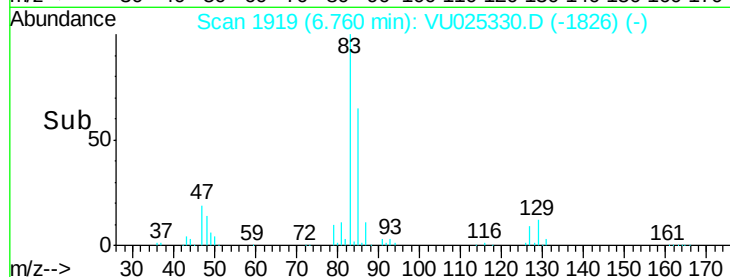
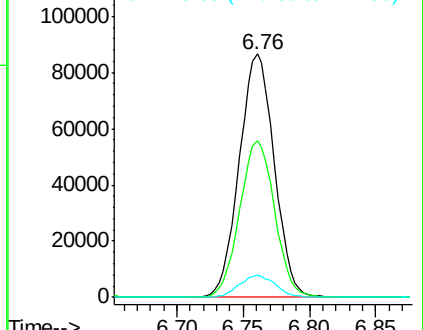
83 100

85 64.1 50.2 75.4

127 9.0 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: 52.40 ug/l

RT: 6.62 min Scan# 1876

Delta R.T. 0.00 min

Lab File: VU025330.D

Acq: 11 Jul 2018 21:33

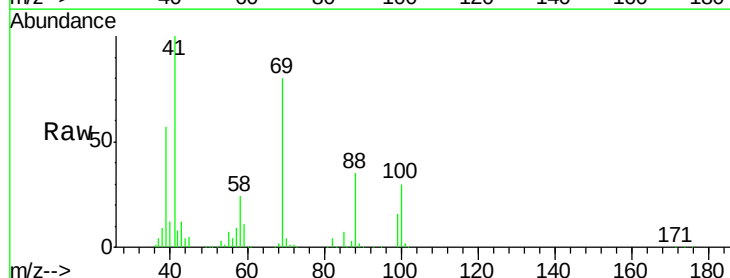
Tgt Ion: 41 Resp: 142081

Ion Ratio Lower Upper

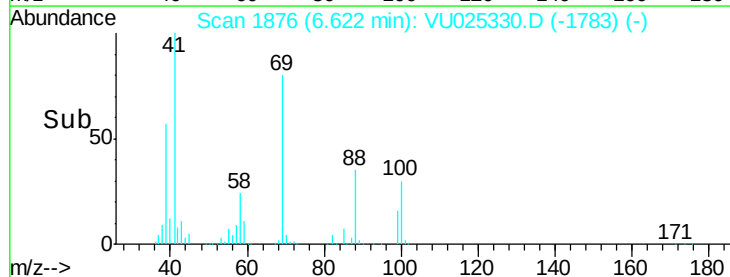
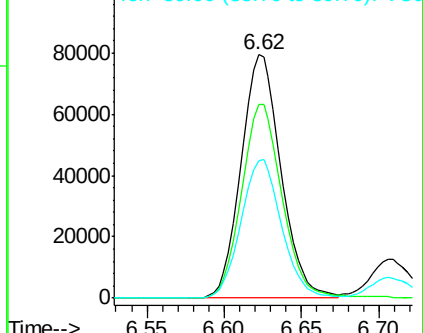
41 100

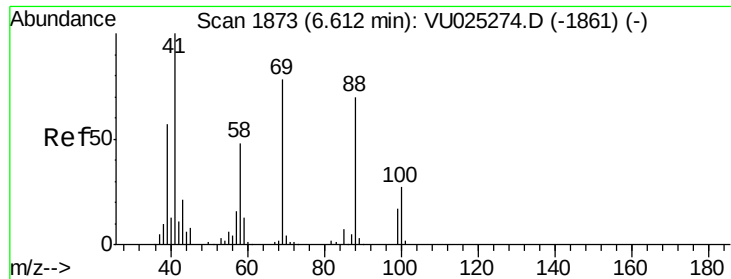
69 81.4 65.0 97.4

39 58.1 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: 983.05 ug/l

RT: 6.62 min Scan# 1874

Delta R.T. 0.00 min

Lab File: VU025330.D

Acq: 11 Jul 2018 21:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

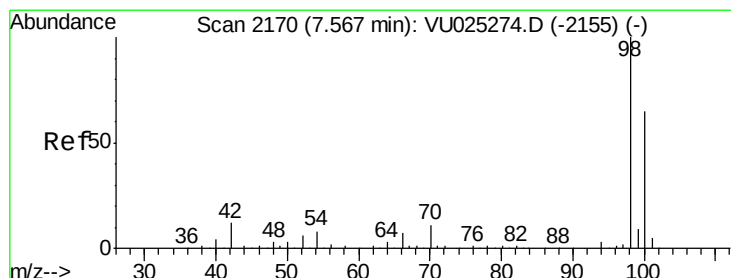
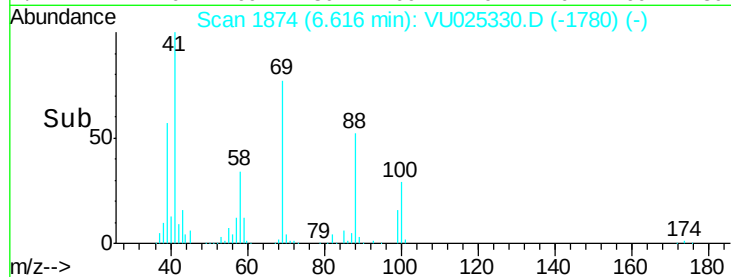
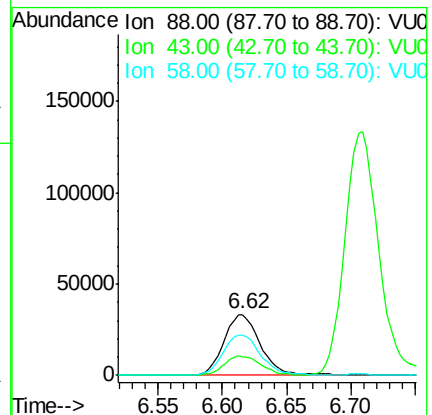
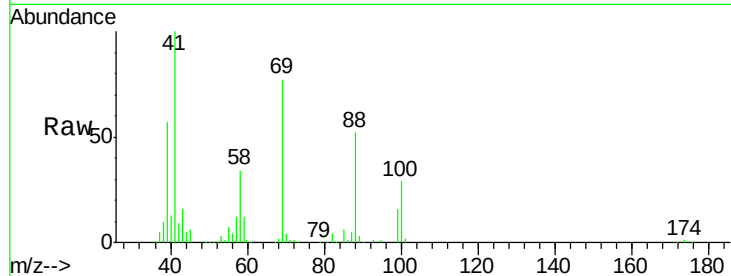
Tot Ion: 88 Resp: 64143

Ion Ratio Lower Upper

88 100

43 33.6 27.3 40.9

58 69.9 57.6 86.4



#50

Toluene-d8

Concen: 43.77 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. 0.00 min

Lab File: VU025330.D

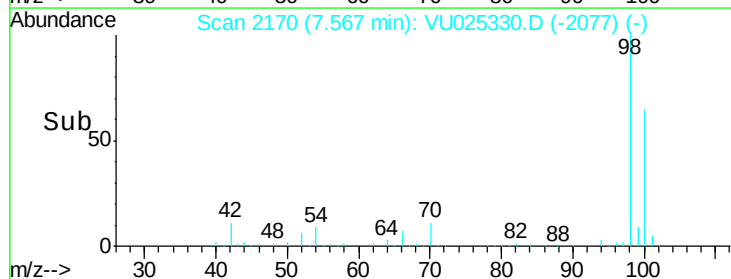
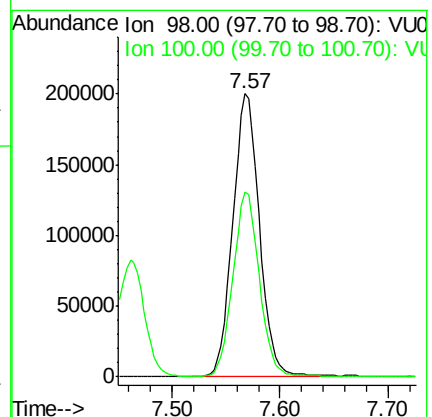
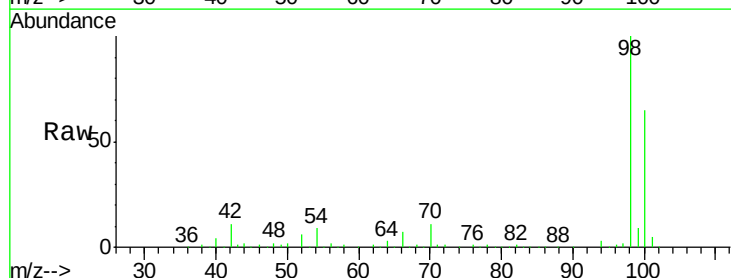
Acq: 11 Jul 2018 21:33

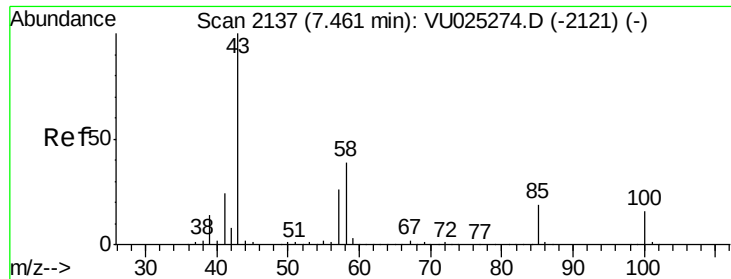
Tgt Ion: 98 Resp: 346421

Ion Ratio Lower Upper

98 100

100 64.0 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 260.33 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. 0.00 min

Lab File: VU025330.D

Acq: 11 Jul 2018 21:33

Instrument :

MSVOA_U

ClientSampleId :

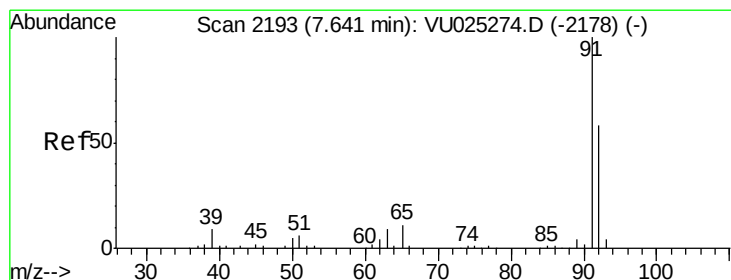
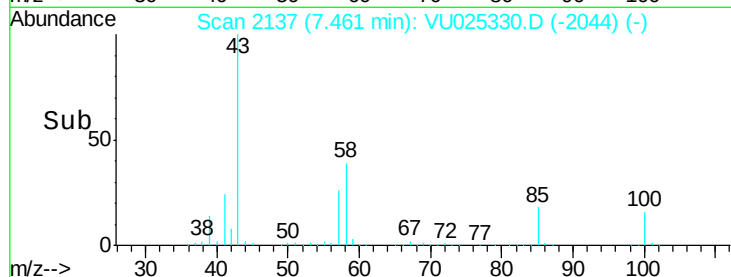
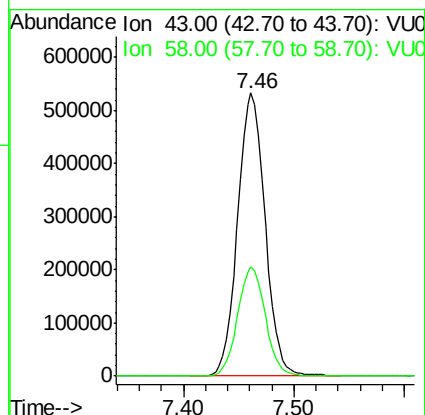
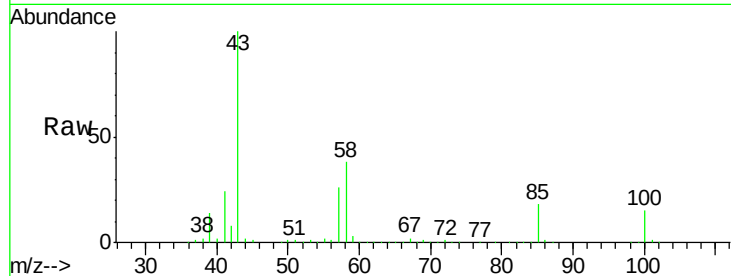
VSTDCCC050EC

Tot Ion: 43 Resp: 920367

Ion Ratio Lower Upper

43 100

58 38.9 31.0 46.4



#52

Toluene

Concen: 49.27 ug/l

RT: 7.64 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VU025330.D

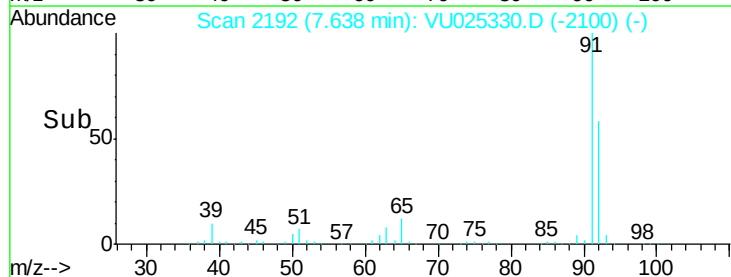
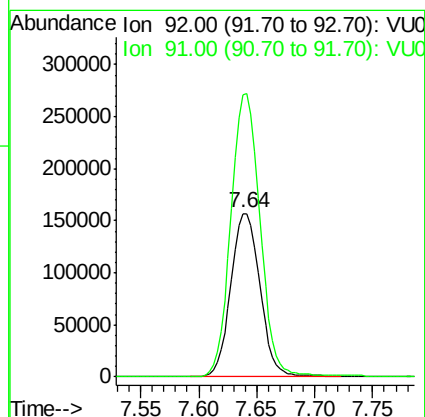
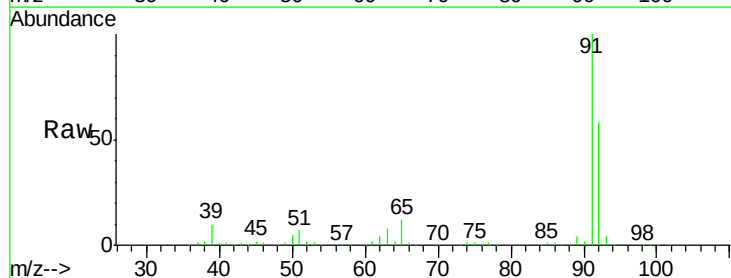
Acq: 11 Jul 2018 21:33

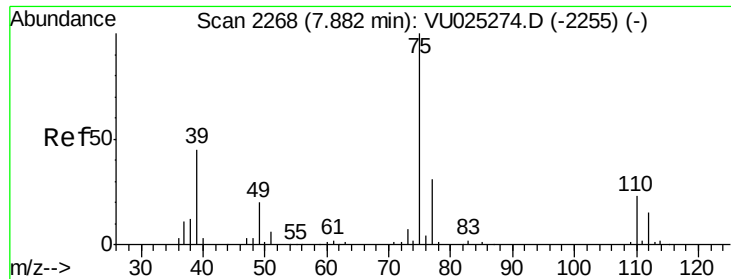
Tgt Ion: 92 Resp: 275109

Ion Ratio Lower Upper

92 100

91 173.8 139.2 208.8

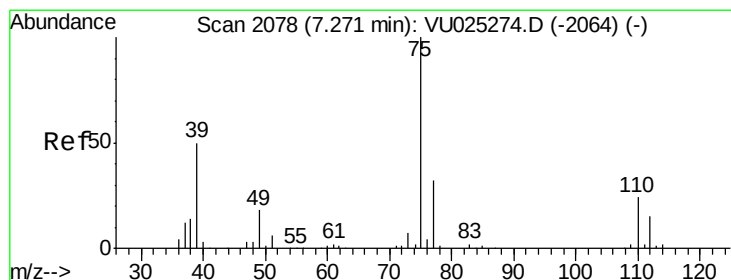
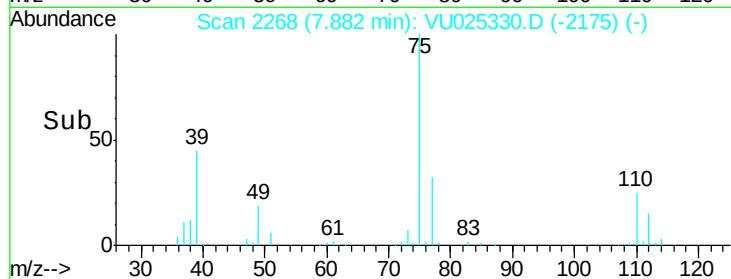
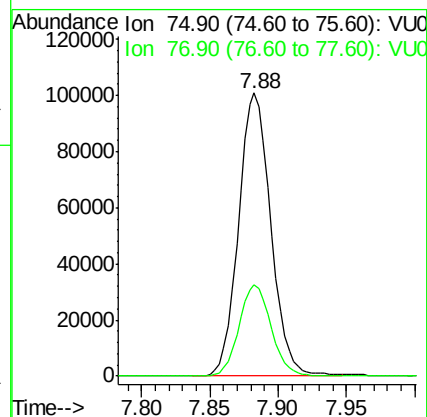
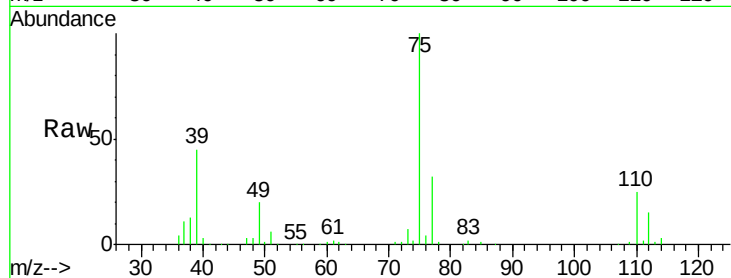




#53
 t-1,3-Dichloropropene
 Concen: 48.53 ug/l
 RT: 7.88 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: VU025330.D
 Acq: 11 Jul 2018 21:33

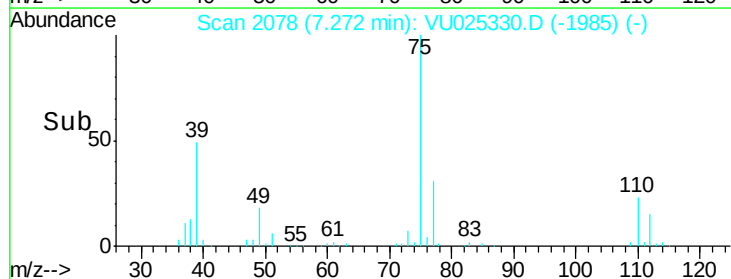
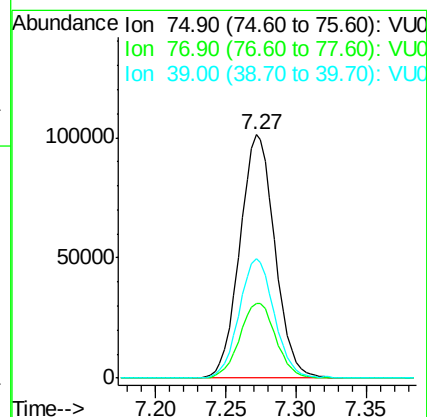
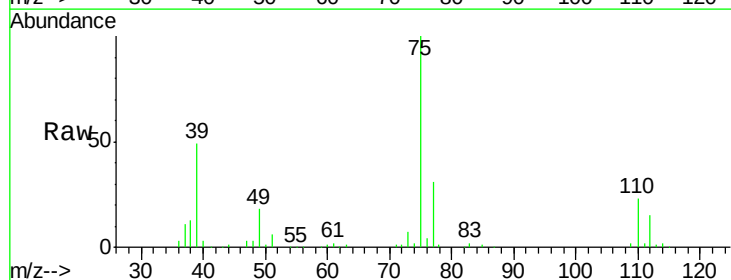
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

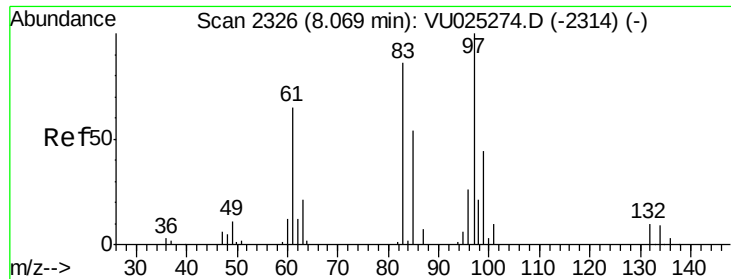
Tot Ion: 75 Resp: 165723
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 48.52 ug/l
 RT: 7.27 min Scan# 2078
 Delta R.T. 0.00 min
 Lab File: VU025330.D
 Acq: 11 Jul 2018 21:33

Tgt Ion: 75 Resp: 176339
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.6 38.4
 39 49.1 40.0 60.0

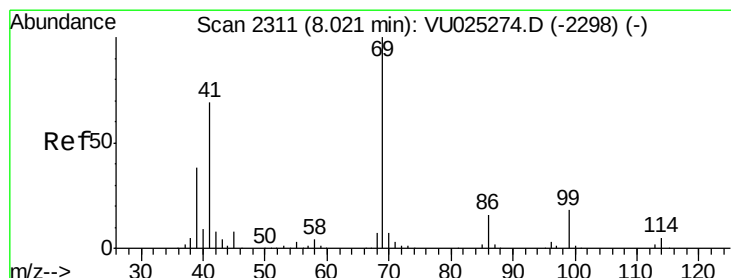
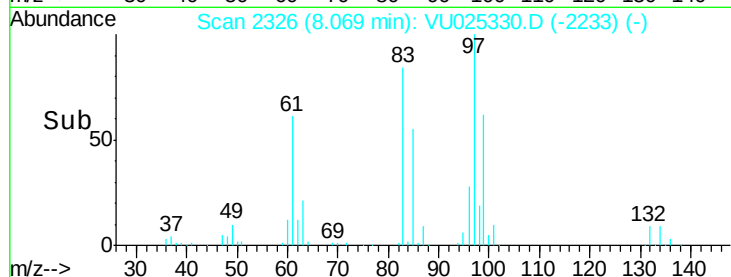
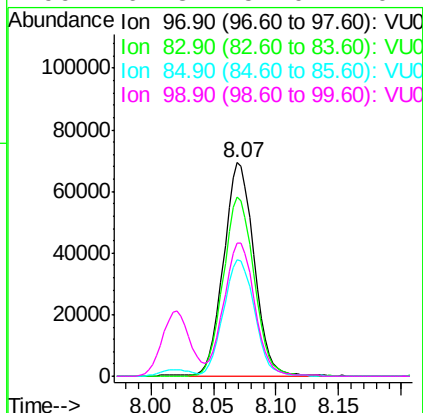
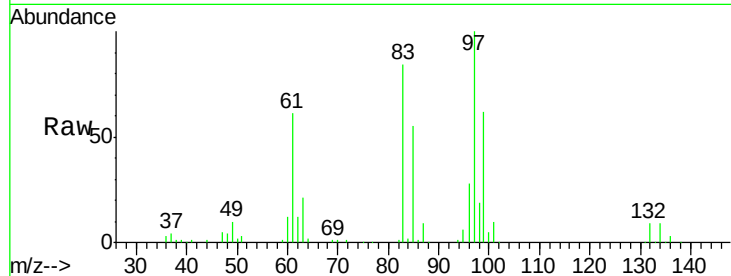




#55
 1,1,2-Trichloroethane
 Concen: 49.97 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU025330.D
 Acq: 11 Jul 2018 21:33

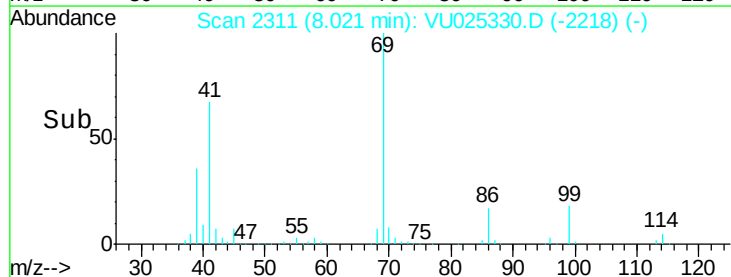
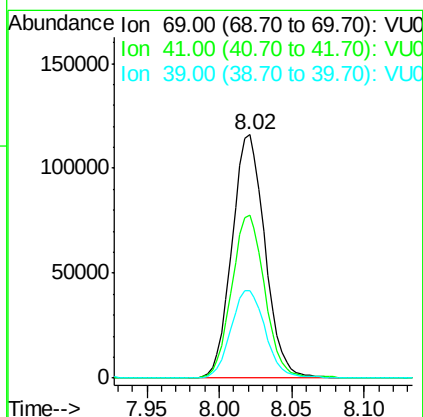
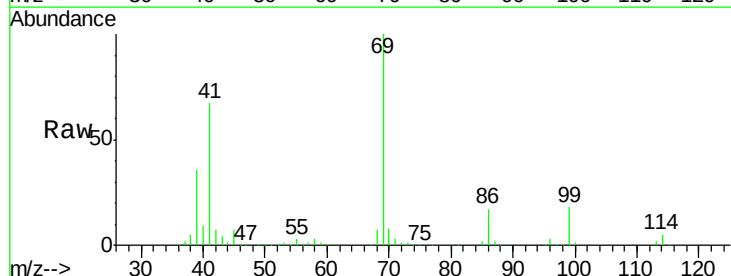
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

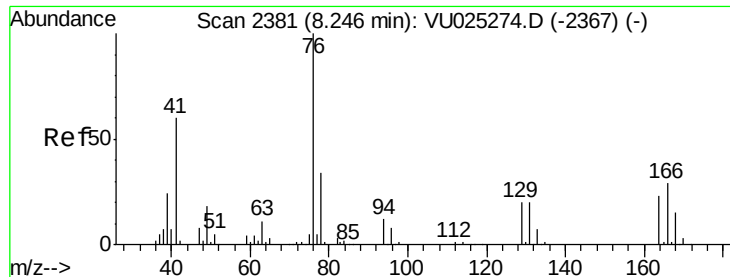
Tot Ion:	97	Resp:	116223
Ion	Ratio	Lower	Upper
97	100		
83	84.3	68.9	103.3
85	54.9	44.4	66.6
99	62.3	51.0	76.4



#56
 Ethyl methacrylate
 Concen: 50.69 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU025330.D
 Acq: 11 Jul 2018 21:33

Tgt Ion:	69	Resp:	184113
Ion	Ratio	Lower	Upper
69	100		
41	67.0	54.8	82.2
39	37.0	31.1	46.7

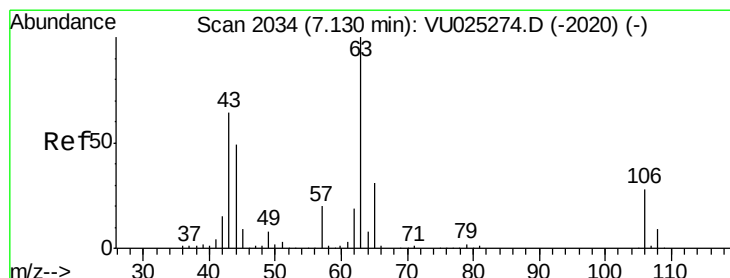
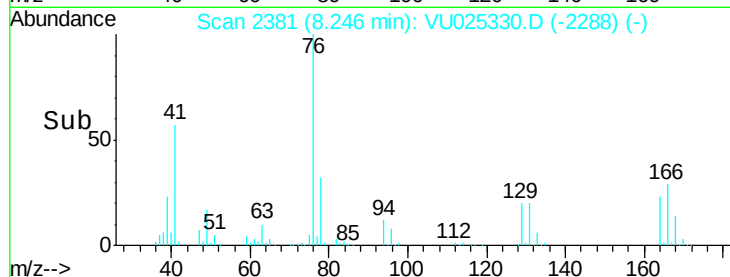
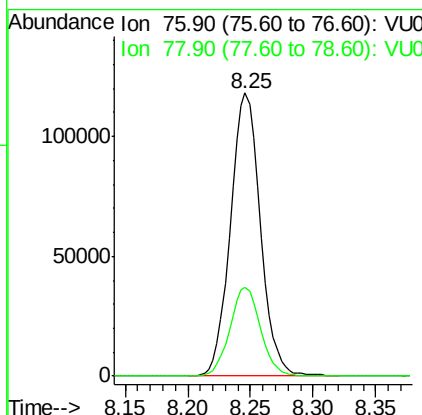
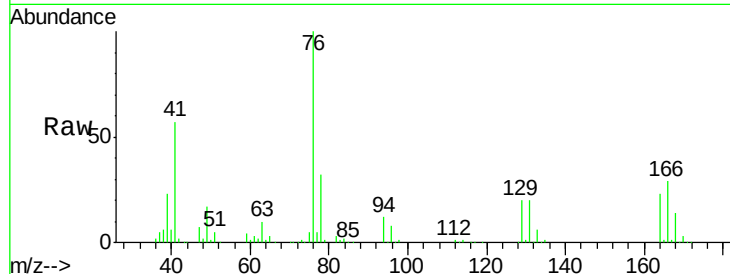




#57
 1,3-Dichloropropane
 Concen: 50.77 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU025330.D
 Acq: 11 Jul 2018 21:33

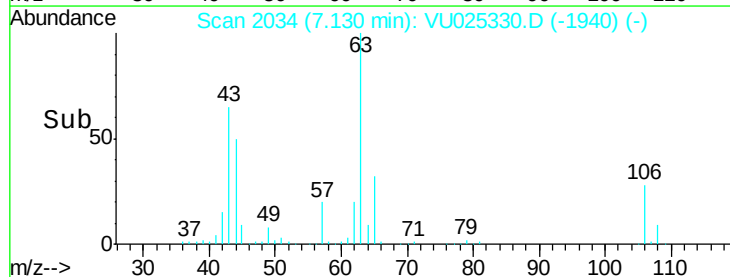
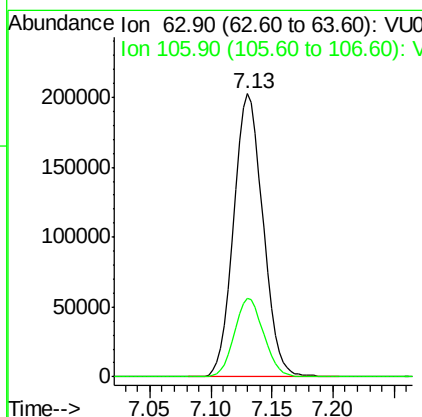
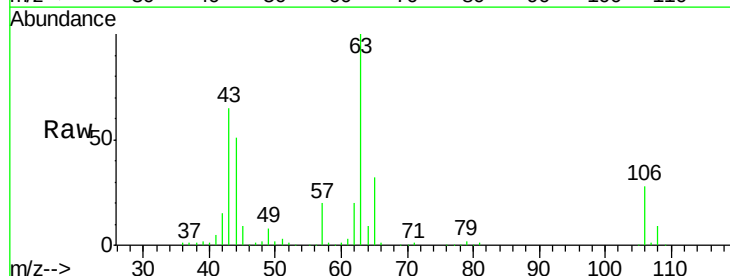
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

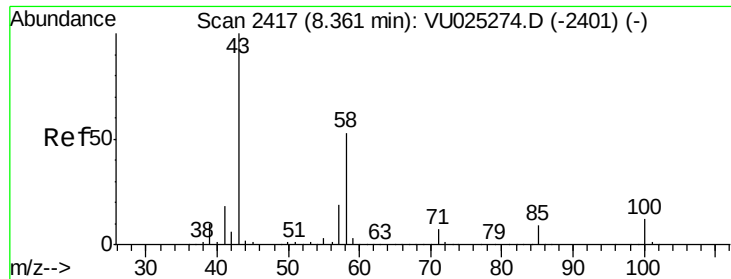
Tot Ion: 76 Resp: 196015
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 208.86 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: VU025330.D
 Acq: 11 Jul 2018 21:33

Tgt Ion: 63 Resp: 339089
 Ion Ratio Lower Upper
 63 100
 106 27.9 22.3 33.5

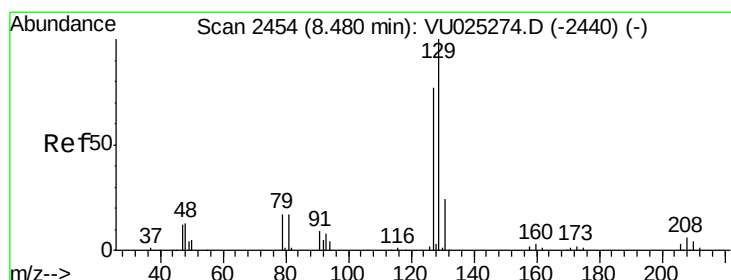
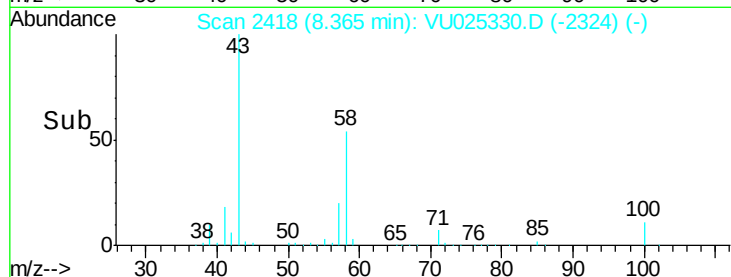
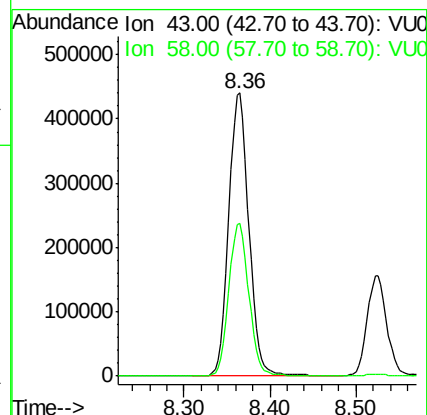
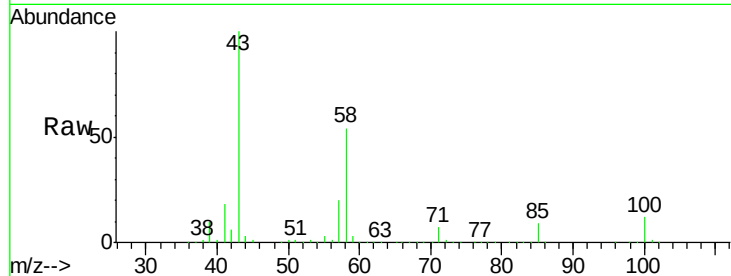




#59
2-Hexanone
Concen: 250.67 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU025330.D
Acq: 11 Jul 2018 21:33

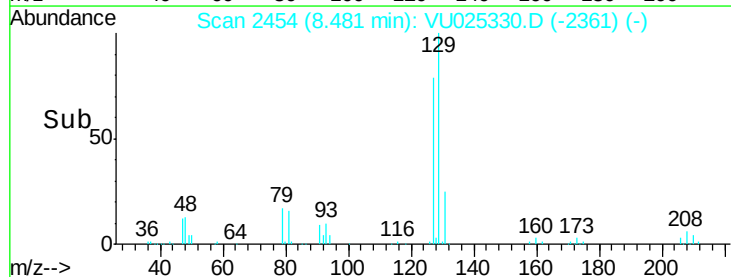
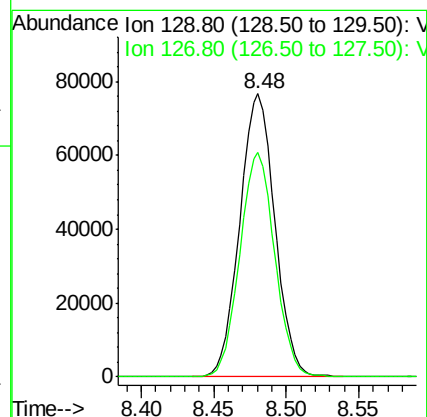
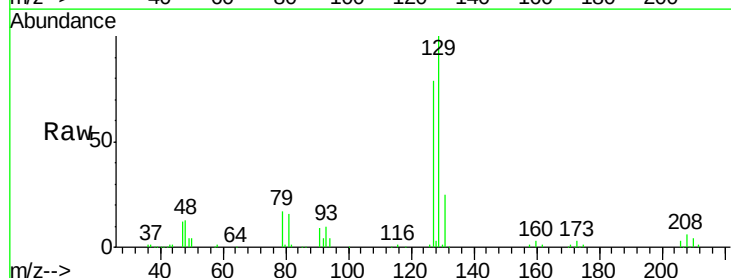
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

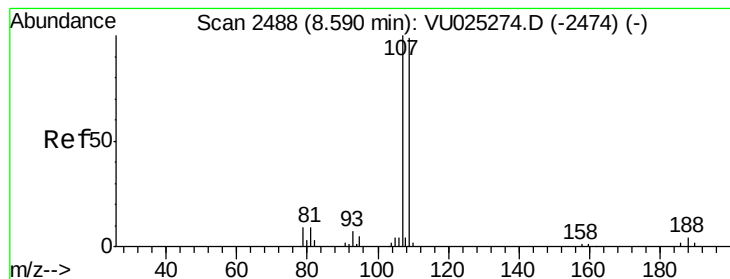
Tot Ion: 43 Resp: 718847
Ion Ratio Lower Upper
43 100
58 53.7 26.2 78.5



#60
Dibromochloromethane
Concen: 51.52 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025330.D
Acq: 11 Jul 2018 21:33

Tgt Ion: 129 Resp: 129403
Ion Ratio Lower Upper
129 100
127 78.8 38.6 115.8





#61

1,2-Dibromoethane

Concen: 50.64 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025330.D

Acq: 11 Jul 2018 21:33

Instrument :

MSVOA_U

ClientSampleId :

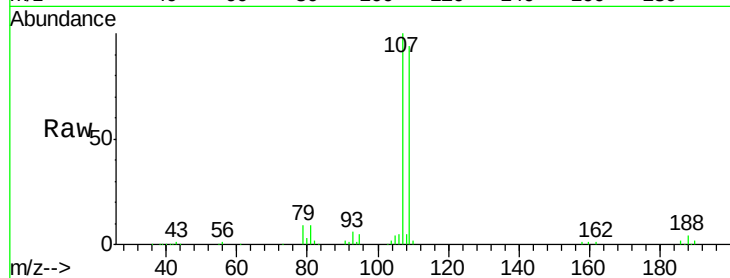
VSTDCCC050EC

Tot Ion:107 Resp: 126012

Ion Ratio Lower Upper

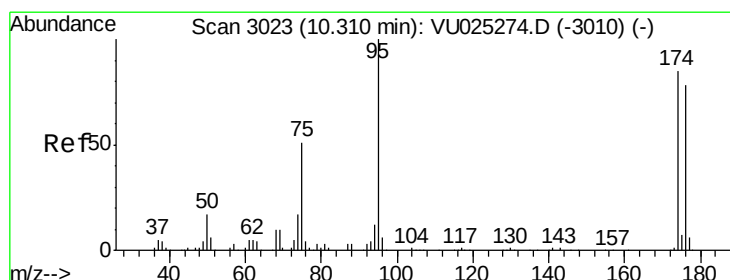
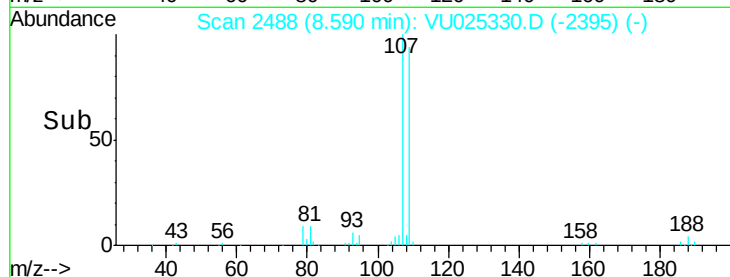
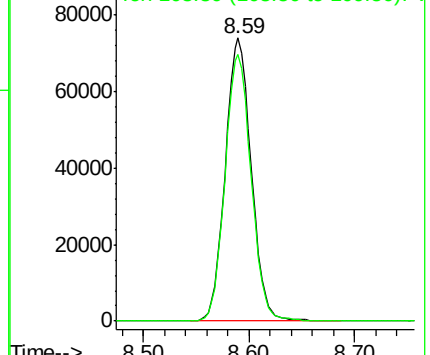
107 100

109 94.7 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: 44.82 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025330.D

Acq: 11 Jul 2018 21:33

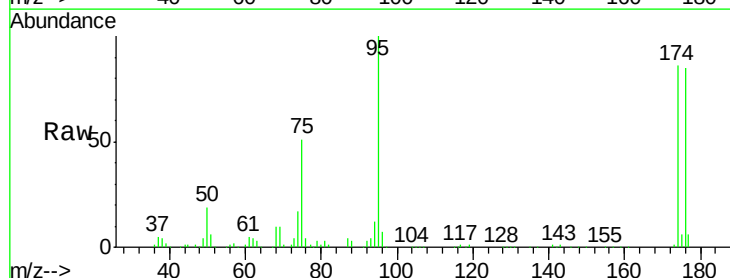
Tgt Ion: 95 Resp: 142798

Ion Ratio Lower Upper

95 100

174 87.1 0.0 172.2

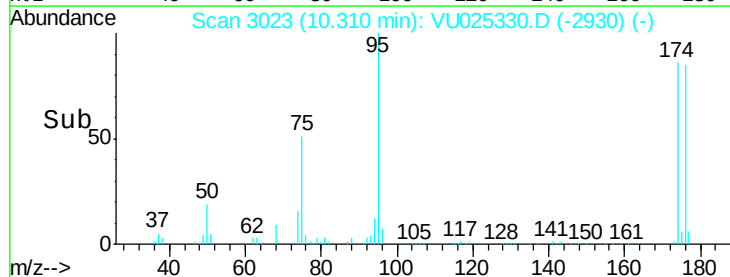
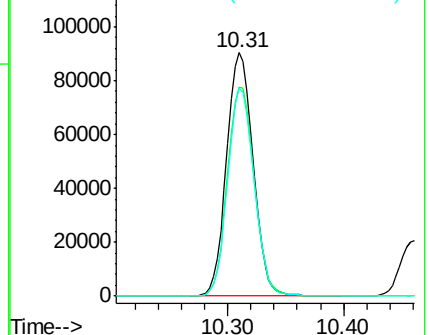
176 84.6 0.0 162.6

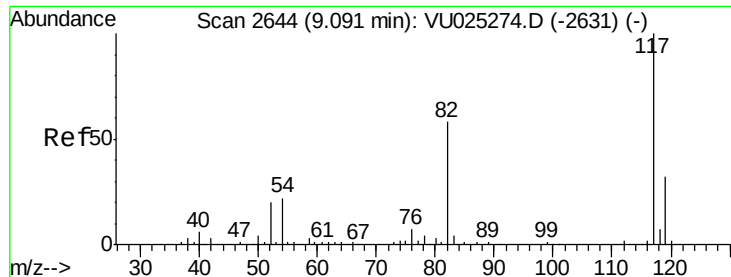


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

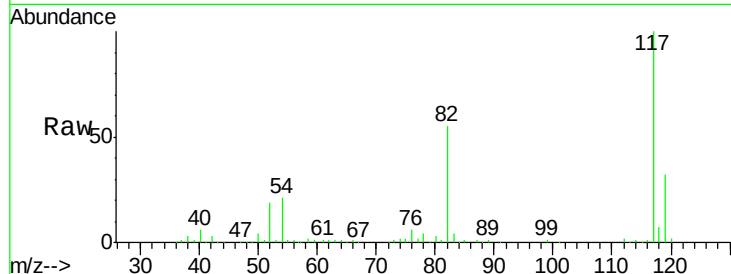




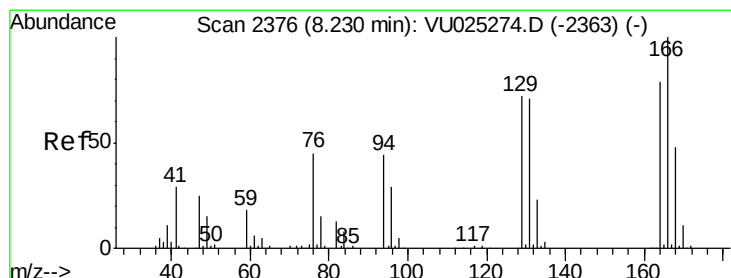
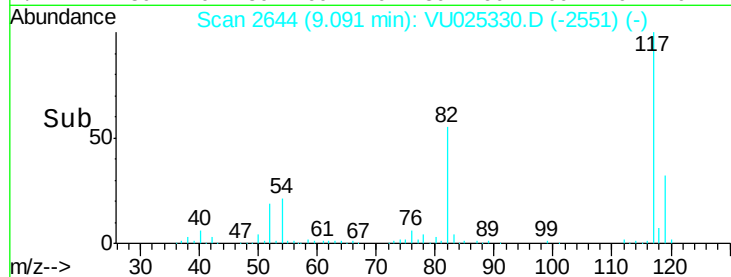
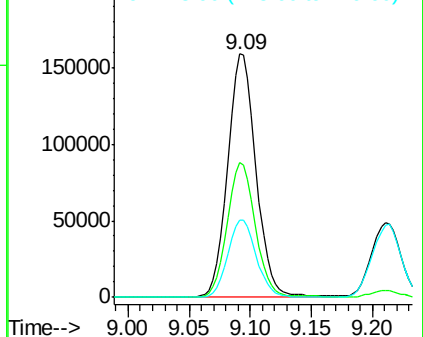
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025330.D
Acq: 11 Jul 2018 21:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 259412
Ion Ratio Lower Upper
117 100
82 55.3 46.0 69.0
119 31.6 26.0 39.0



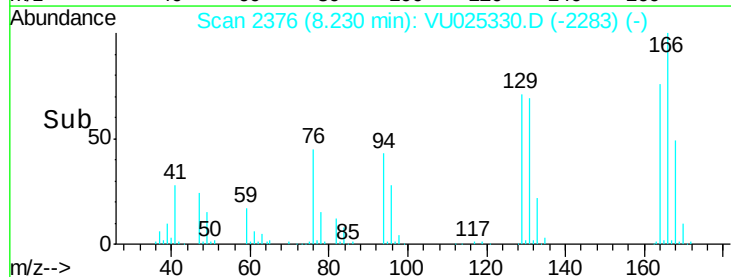
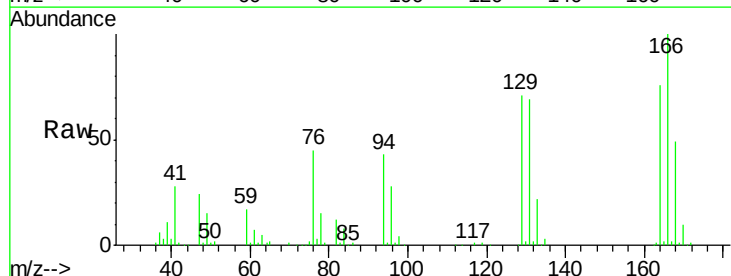
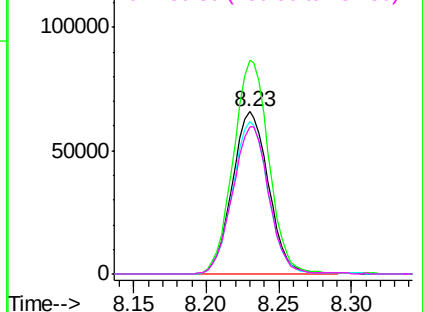
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

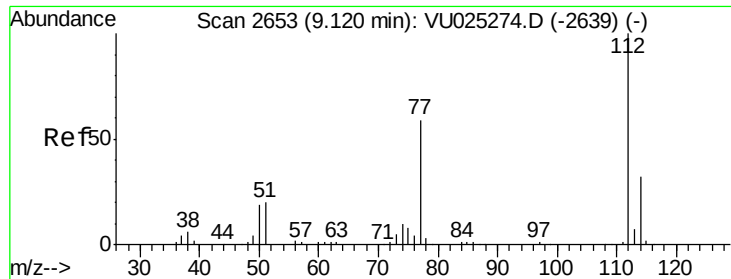


#64
Tetrachloroethene
Concen: 48.29 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025330.D
Acq: 11 Jul 2018 21:33

Tgt Ion:164 Resp: 114191
Ion Ratio Lower Upper
164 100
166 131.6 101.1 151.7
129 93.7 73.0 109.6
131 91.0 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

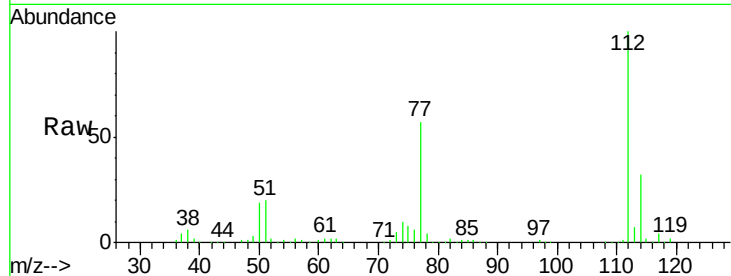




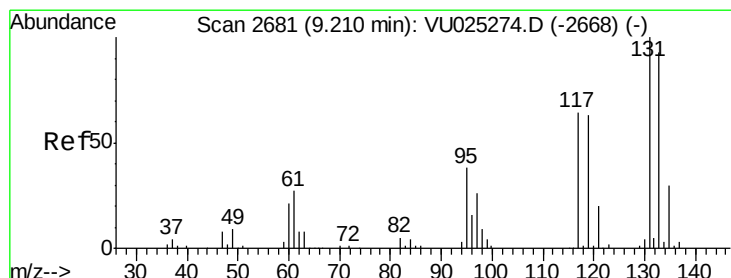
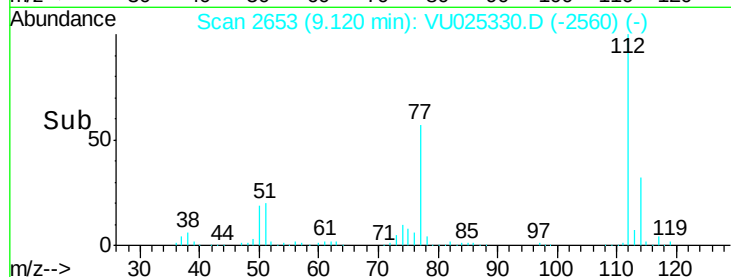
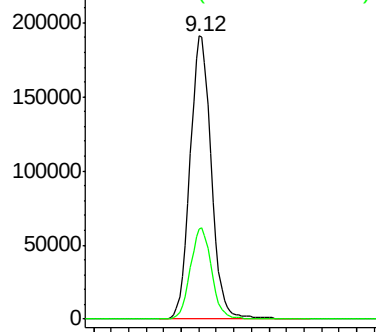
#65
Chlorobenzene
Concen: 49.69 ug/l
RT: 9.12 min Scan# 2653
Delta R.T. 0.00 min
Lab File: VU025330.D
Acq: 11 Jul 2018 21:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 322004
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.8

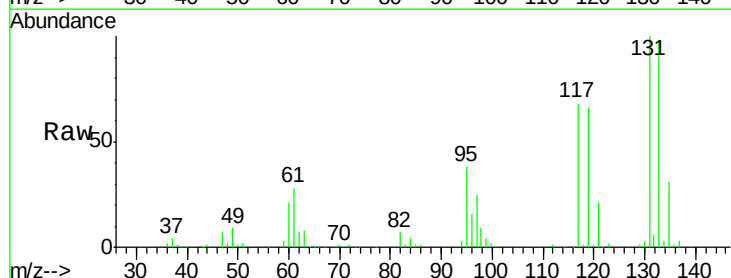


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

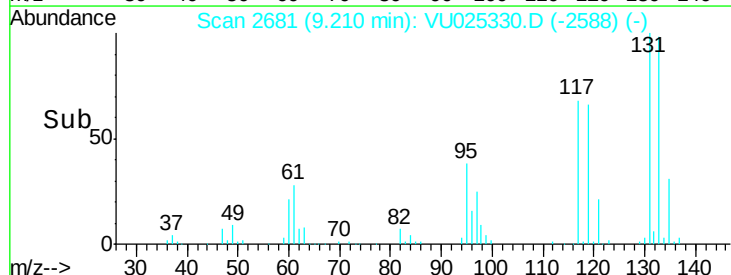
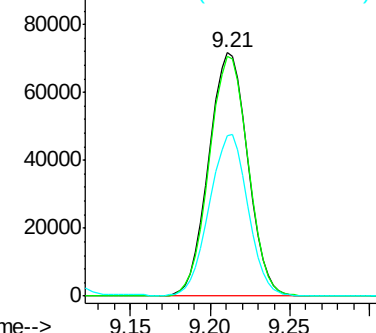


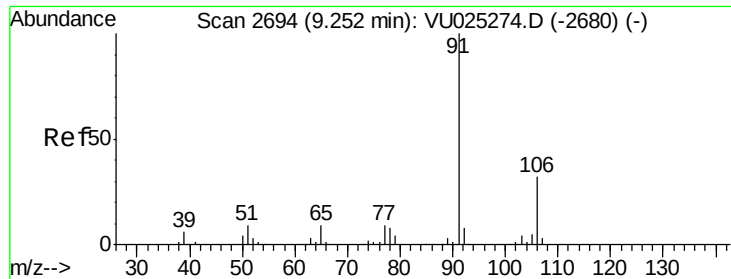
#66
1,1,1,2-Tetrachloroethane
Concen: 51.52 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU025330.D
Acq: 11 Jul 2018 21:33

Tgt Ion:131 Resp: 119439
Ion Ratio Lower Upper
131 100
133 98.2 47.8 143.3
119 65.8 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

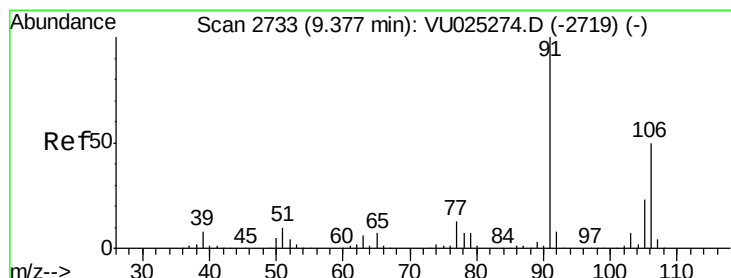
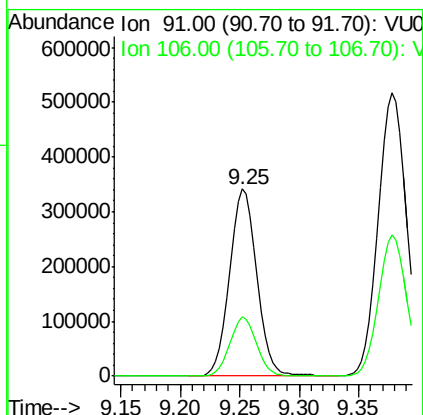
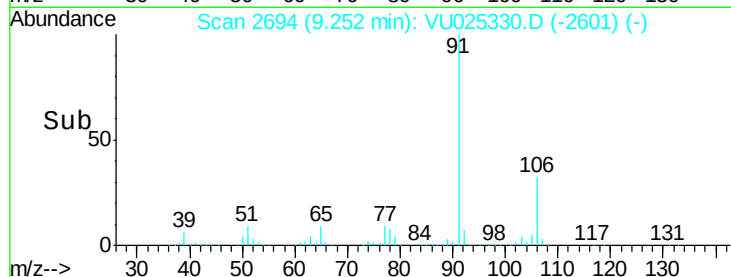
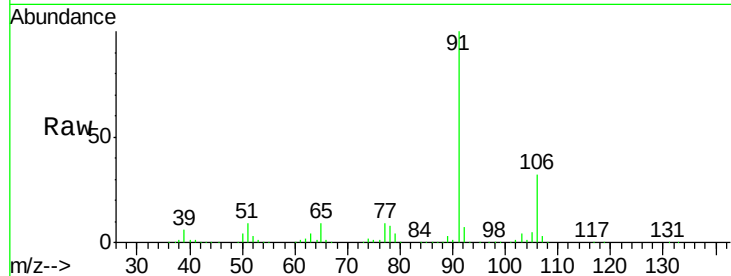




#67
Ethyl Benzene
Concen: 49.17 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025330.D
Acq: 11 Jul 2018 21:33

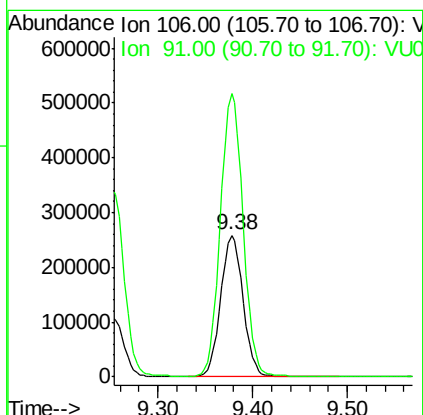
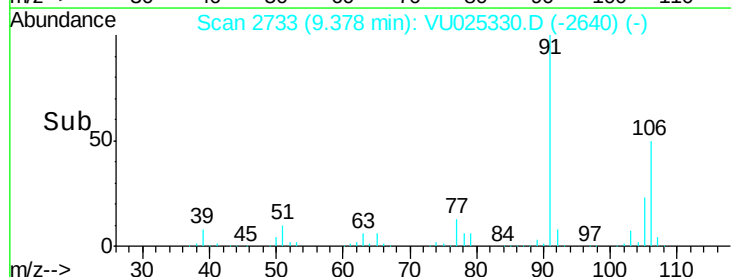
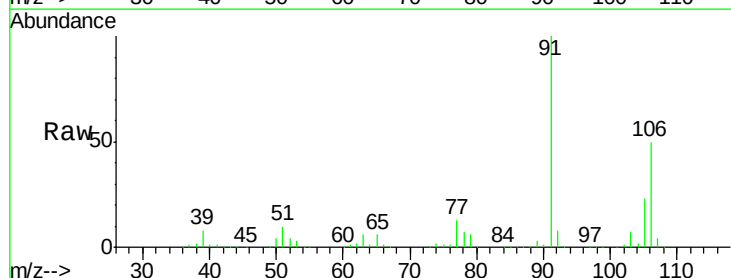
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

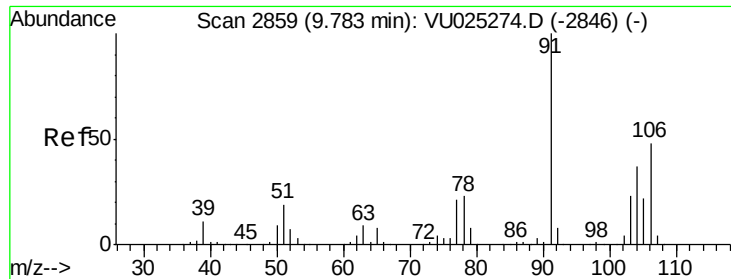
Tot Ion: 91 Resp: 543255
Ion Ratio Lower Upper
91 100
106 31.6 25.3 37.9



#68
m/p-Xylenes
Concen: 99.84 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025330.D
Acq: 11 Jul 2018 21:33

Tgt Ion: 106 Resp: 426435
Ion Ratio Lower Upper
106 100
91 202.4 162.3 243.5

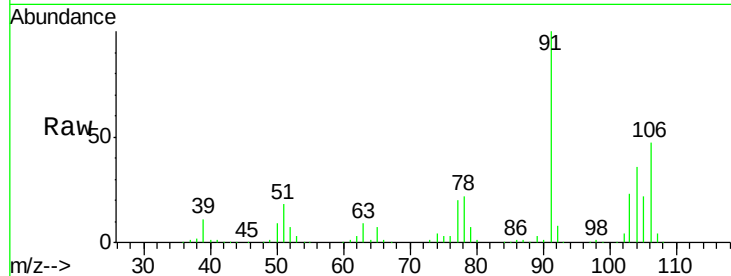




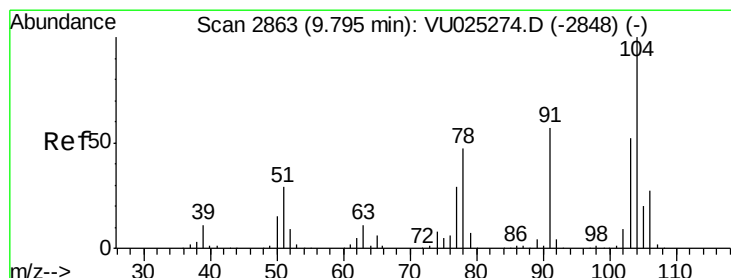
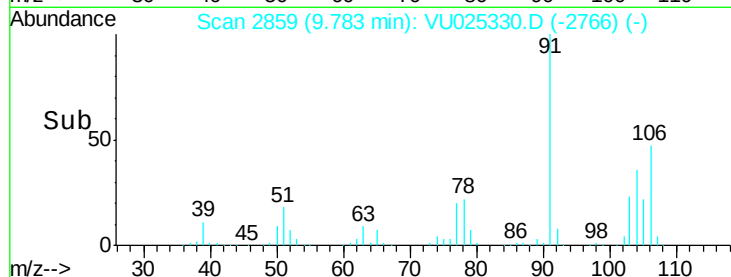
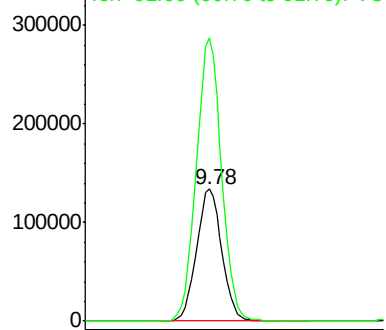
#69
o-Xylene
Concen: 49.64 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025330.D
Acq: 11 Jul 2018 21:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 212266
Ion Ratio Lower Upper
106 100
91 213.9 105.3 315.8

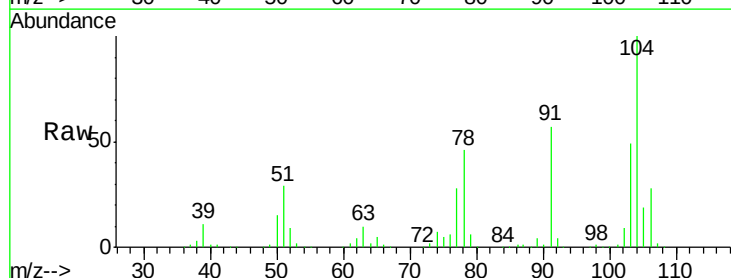


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

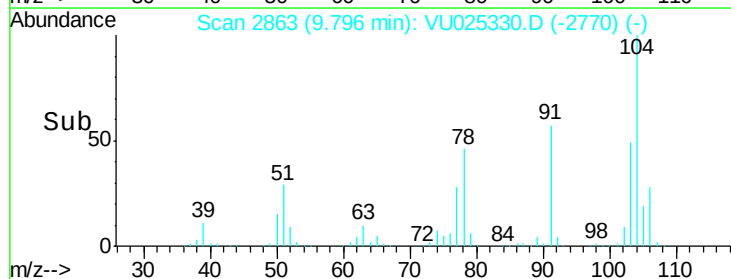
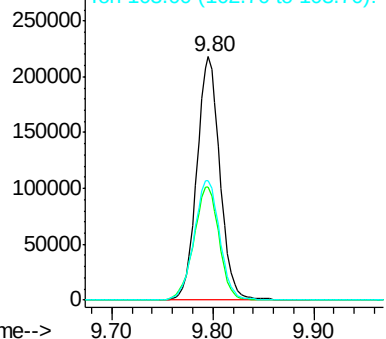


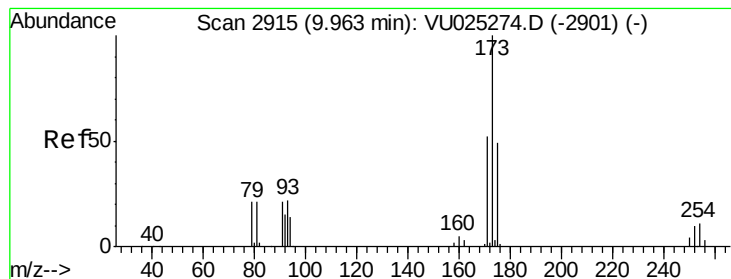
#70
Styrene
Concen: 51.24 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025330.D
Acq: 11 Jul 2018 21:33

Tgt Ion:104 Resp: 348062
Ion Ratio Lower Upper
104 100
78 51.2 41.6 62.4
103 54.7 44.6 66.8



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





#71

Bromoform

Concen: 46.29 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025330.D

Acq: 11 Jul 2018 21:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

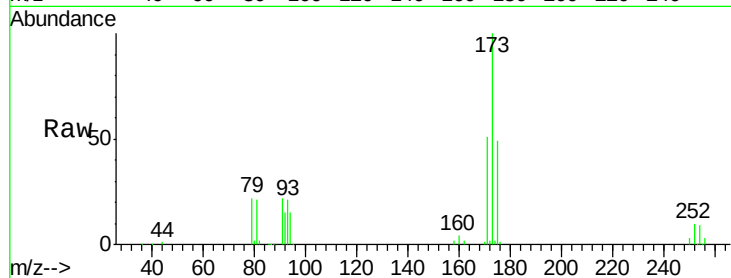
Tot Ion:173 Resp: 102887

Ion Ratio Lower Upper

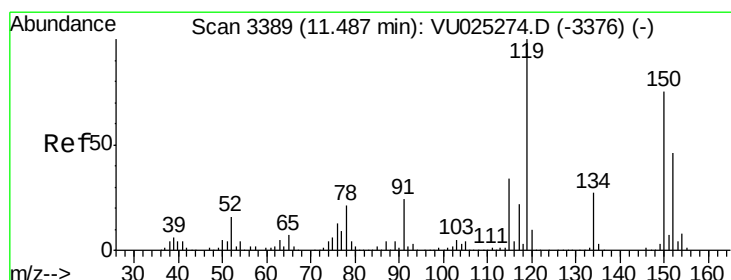
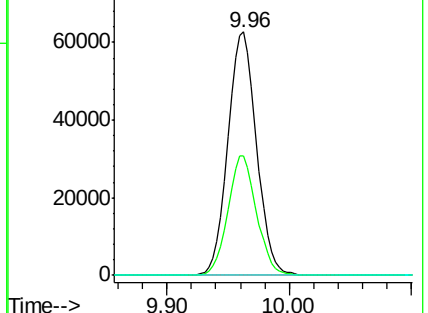
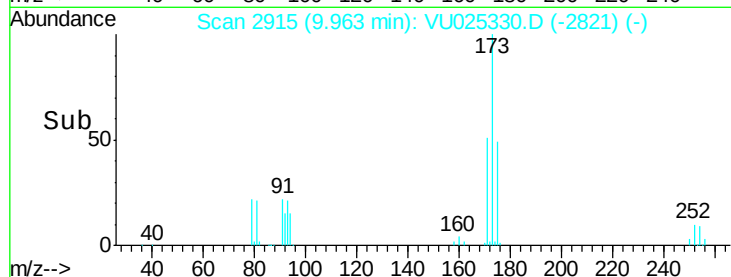
173 100

175 49.0 24.0 72.0

254 0.1 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: VU025330.D

Acq: 11 Jul 2018 21:33

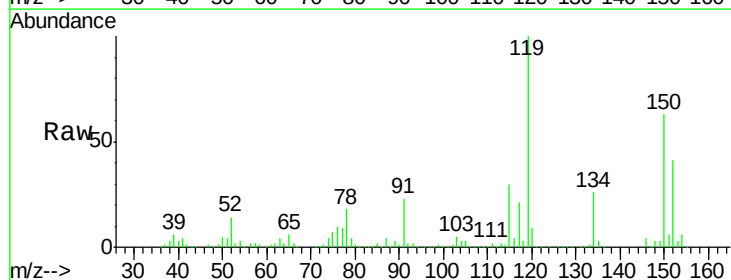
Tgt Ion:152 Resp: 155847

Ion Ratio Lower Upper

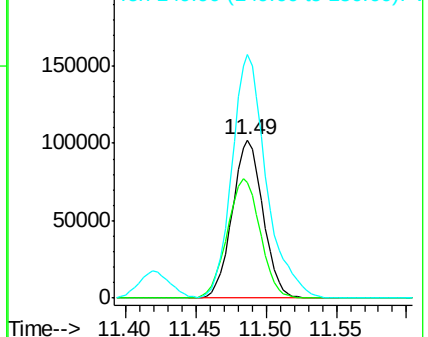
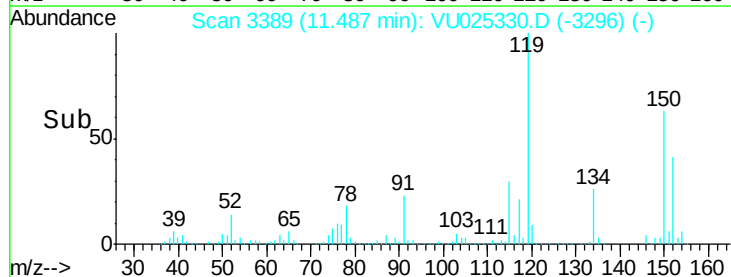
152 100

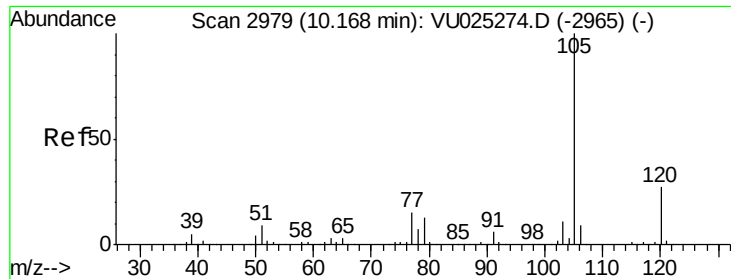
115 81.0 40.1 120.3

150 171.4 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: 48.07 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025330.D

Acq: 11 Jul 2018 21:33

Instrument :

MSVOA_U

ClientSampleId :

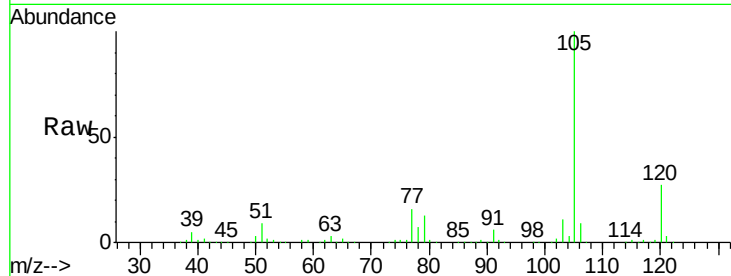
VSTDCCC050EC

Tot Ion:105 Resp: 572355

Ion Ratio Lower Upper

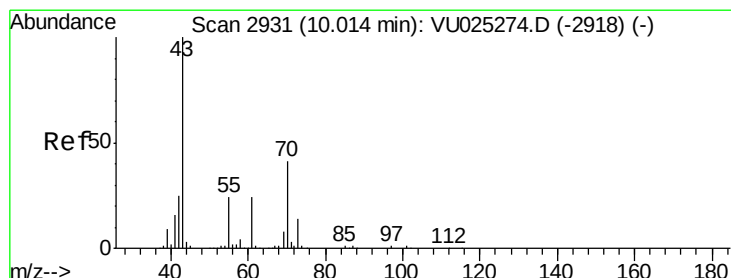
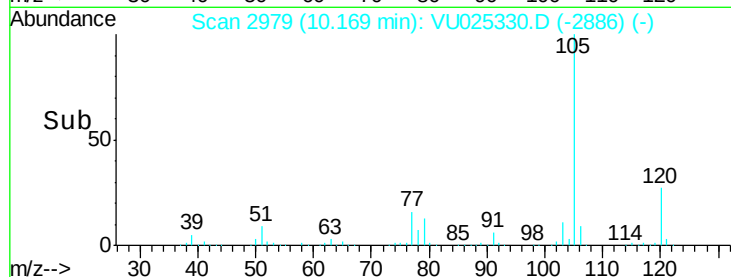
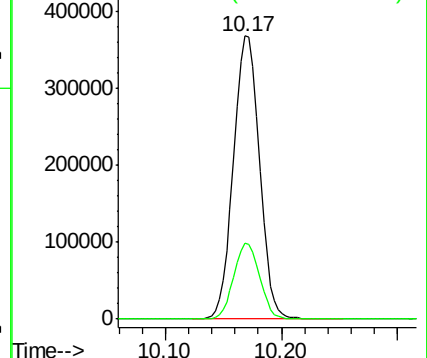
105 100

120 26.7 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.13 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025330.D

Acq: 11 Jul 2018 21:33

Tgt Ion: 43 Resp: 249357

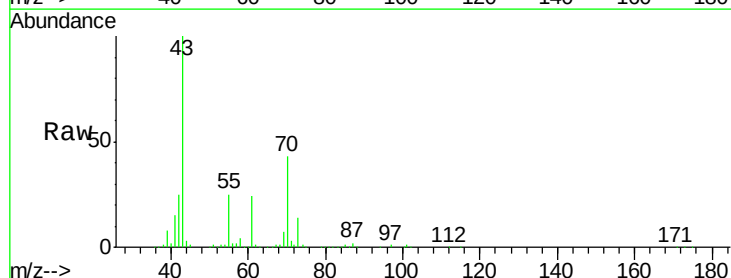
Ion Ratio Lower Upper

43 100

70 42.2 33.4 50.2

55 24.6 19.0 28.6

61 24.4 19.3 28.9

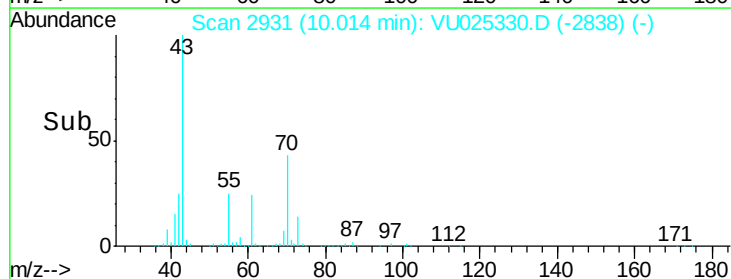
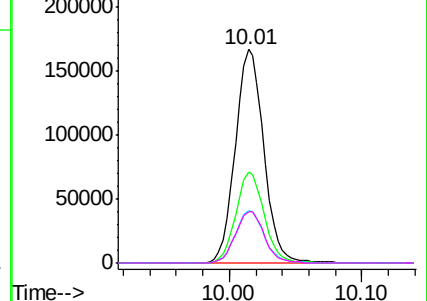


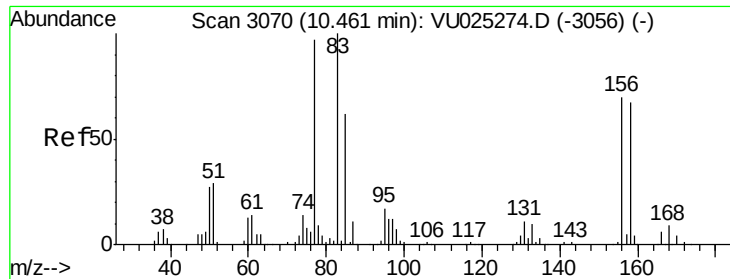
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.05 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025330.D

Acq: 11 Jul 2018 21:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

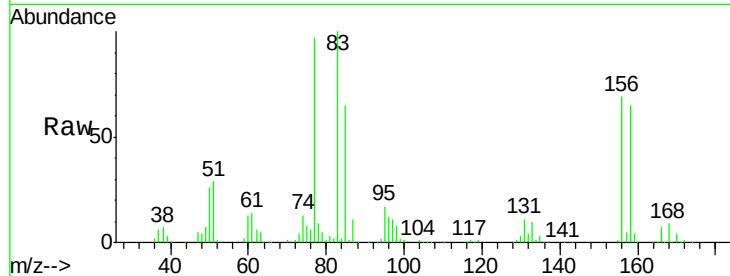
Tot Ion: 83 Resp: 194989

Ion Ratio Lower Upper

83 100

131 10.6 5.5 16.4

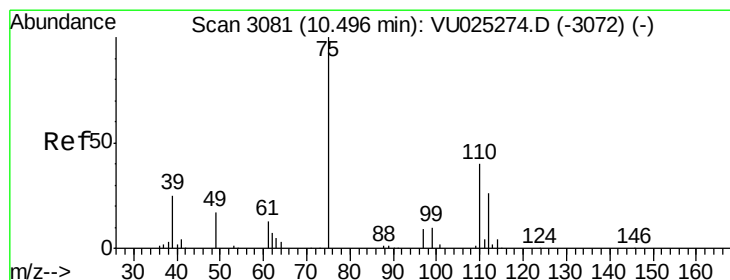
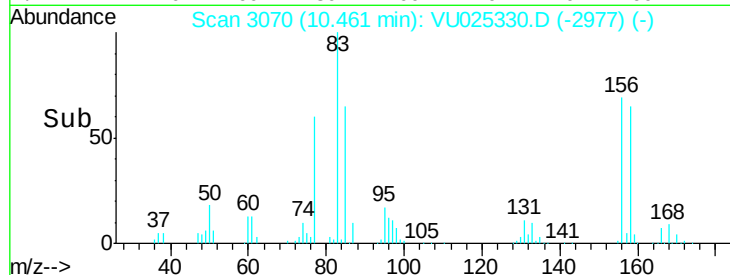
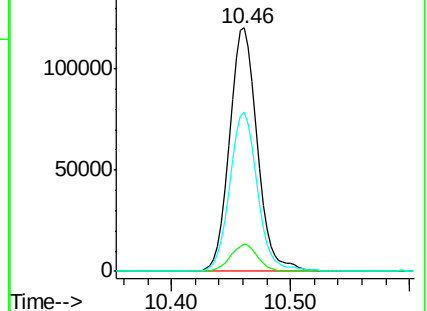
85 65.2 31.6 94.8



Abundance Ion 82.90 (82.60 to 83.60): VU025330.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU025330.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU025330.D (-2977) (-)



#76

1,2,3-Trichloropropane

Concen: 69.37 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025330.D

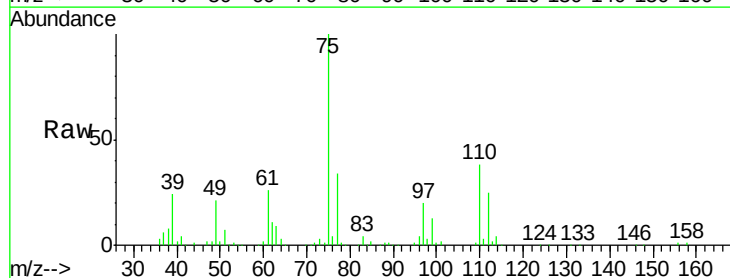
Acq: 11 Jul 2018 21:33

Tgt Ion: 75 Resp: 224418

Ion Ratio Lower Upper

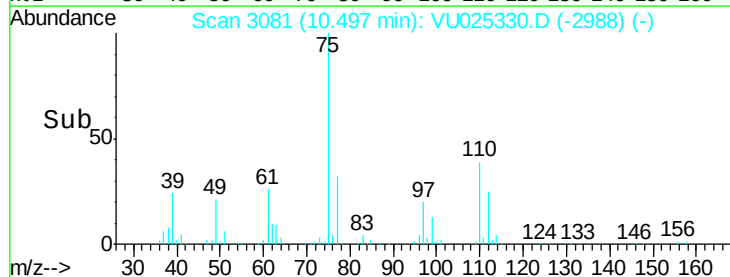
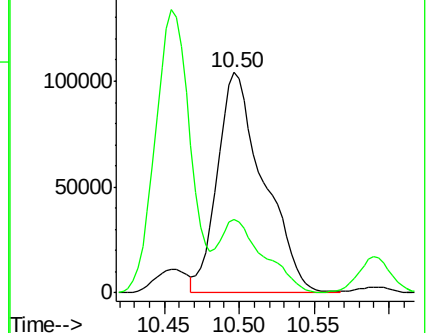
75 100

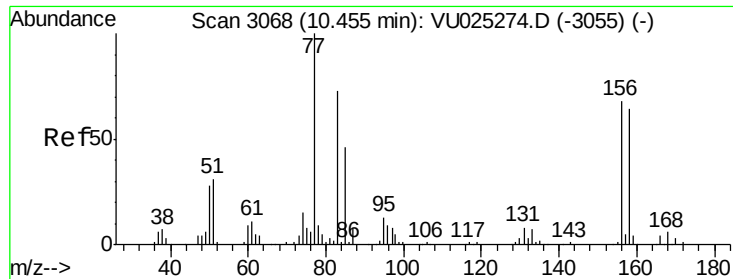
77 30.6 20.4 61.3



Abundance Ion 74.90 (74.60 to 75.60): VU025330.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU025330.D (-2988) (-)





#77

Bromobenzene

Concen: 48.71 ug/l

RT: 10.46 min Scan# 3069

Delta R.T. 0.00 min

Lab File: VU025330.D

Acq: 11 Jul 2018 21:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

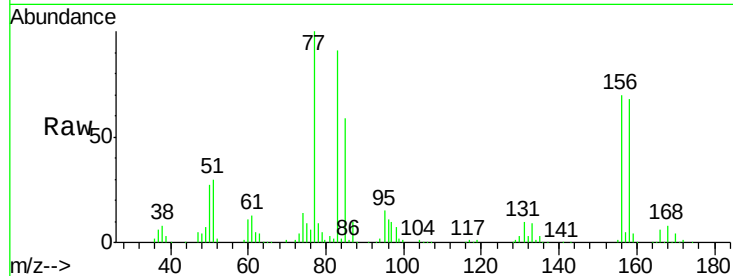
Tot Ion:156 Resp: 148373

Ion Ratio Lower Upper

156 100

77 145.8 73.8 221.4

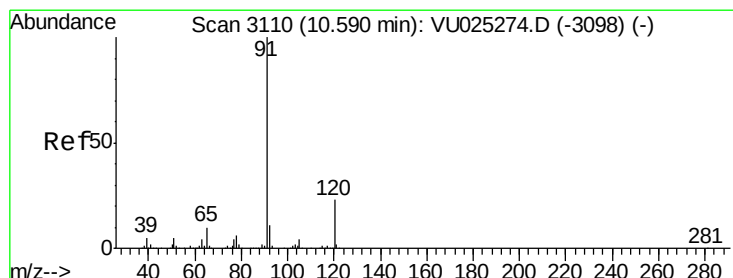
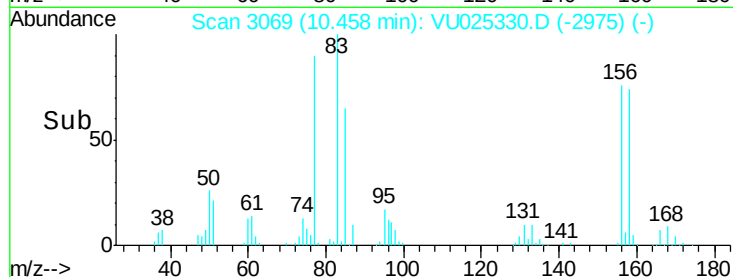
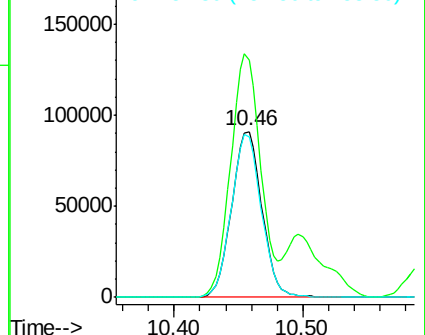
158 97.8 48.0 144.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.30 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025330.D

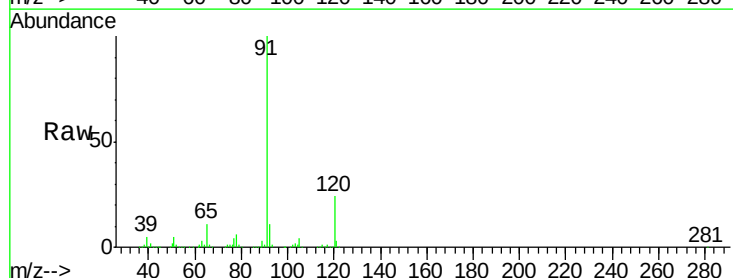
Acq: 11 Jul 2018 21:33

Tgt Ion: 91 Resp: 638217

Ion Ratio Lower Upper

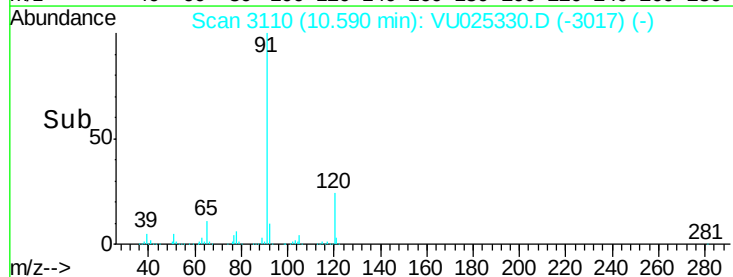
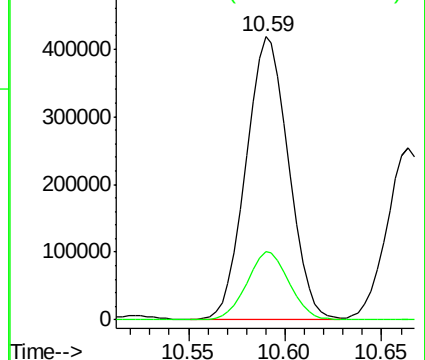
91 100

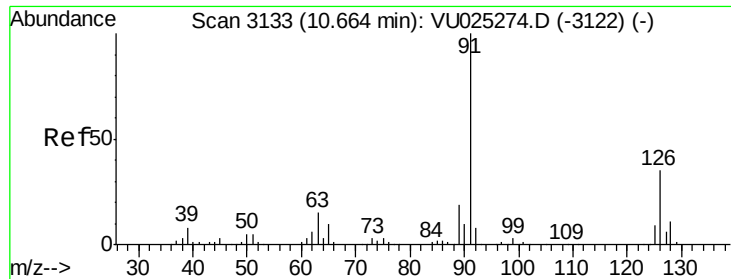
120 24.0 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

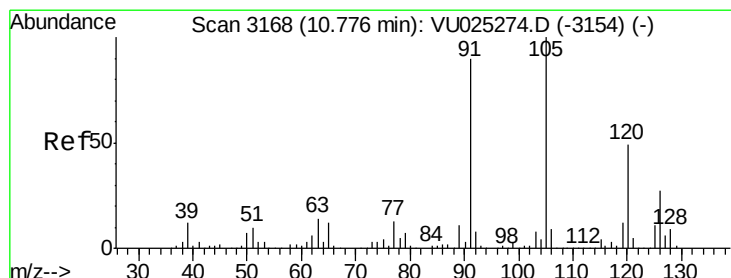
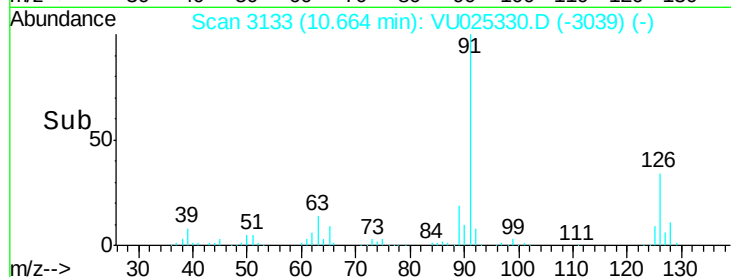
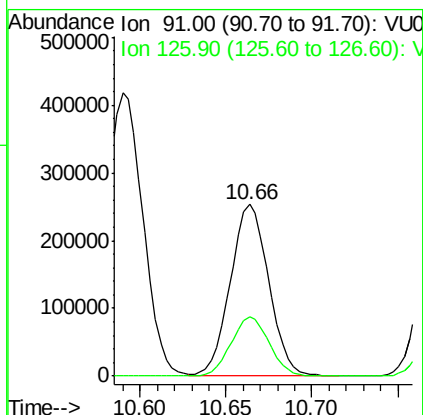
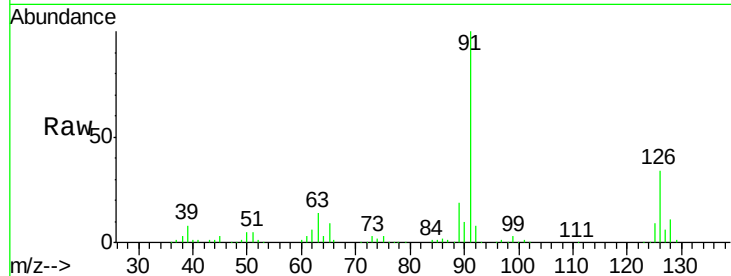




#79
 2-Chlorotoluene
 Concen: 51.50 ug/l
 RT: 10.66 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: VU025330.D
 Acq: 11 Jul 2018 21:33

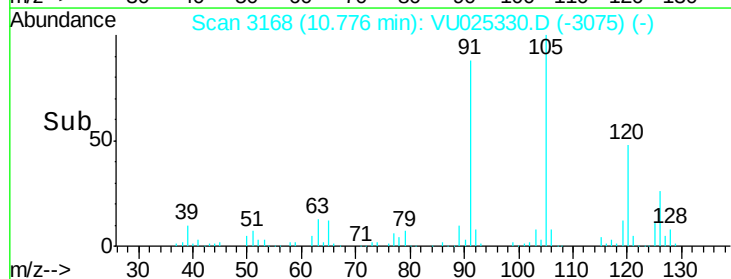
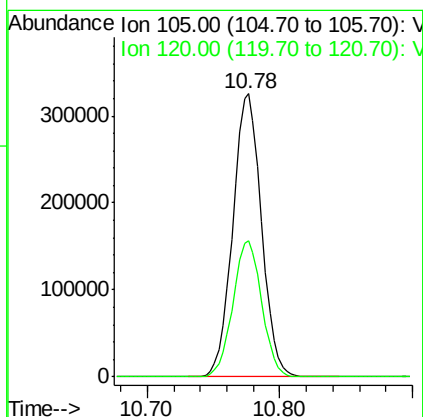
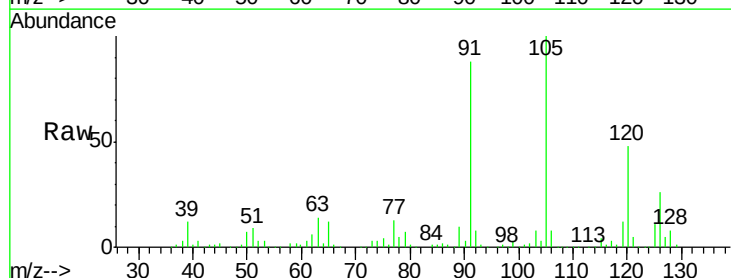
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

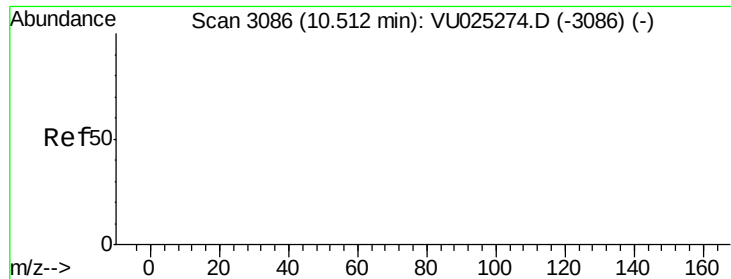
Tot Ion: 91 Resp: 390751
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 48.62 ug/l
 RT: 10.78 min Scan# 3168
 Delta R.T. 0.00 min
 Lab File: VU025330.D
 Acq: 11 Jul 2018 21:33

Tgt Ion: 105 Resp: 487161
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.1 72.2

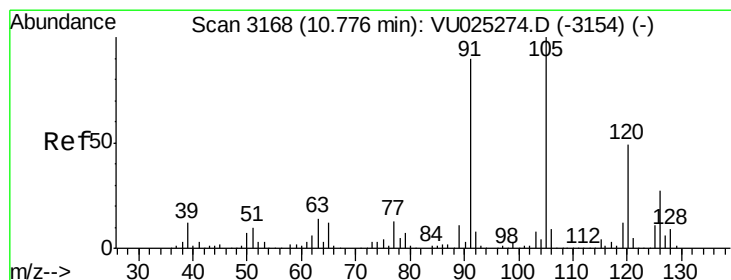
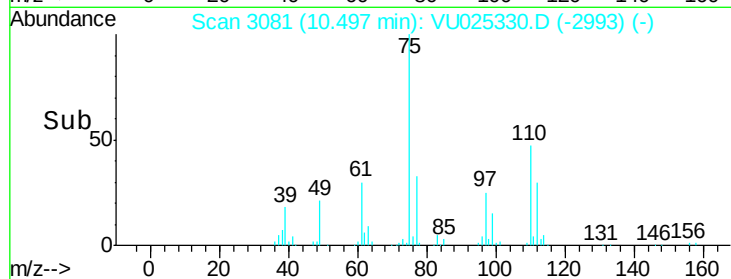
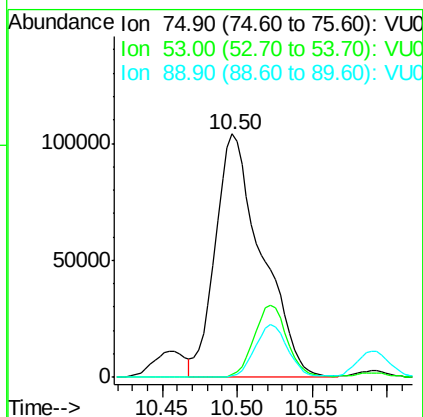
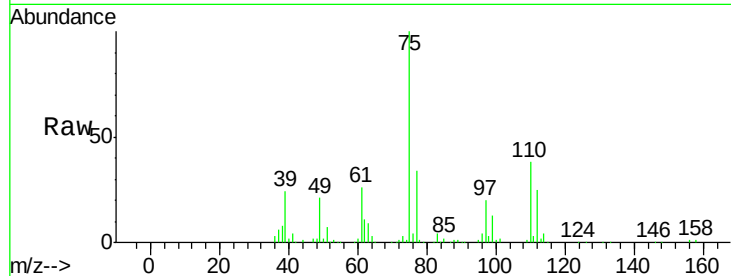




#81
trans-1,4-Dichloro-2-butene
Concen: 180.75 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VU025330.D
Acq: 11 Jul 2018 21:33

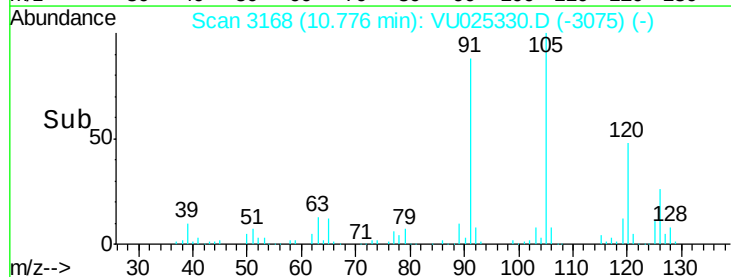
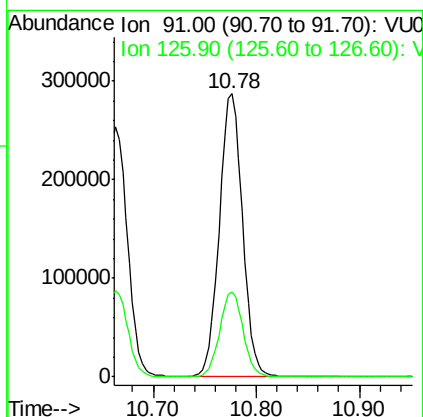
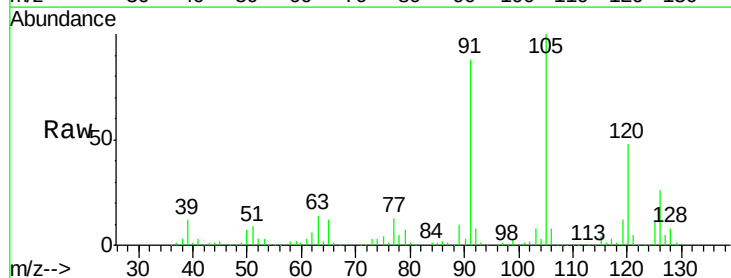
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

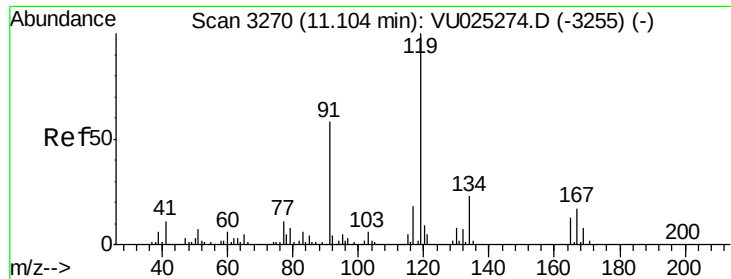
Tot Ion: 75 Resp: 224418
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 47.86 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU025330.D
Acq: 11 Jul 2018 21:33

Tgt Ion: 91 Resp: 447810
Ion Ratio Lower Upper
91 100
126 30.4 15.3 45.9

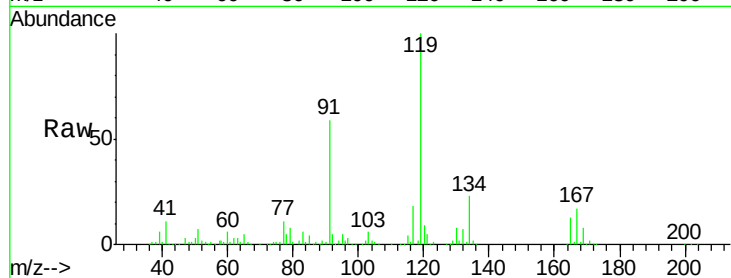




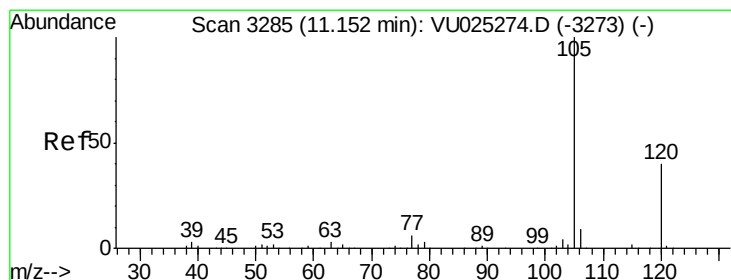
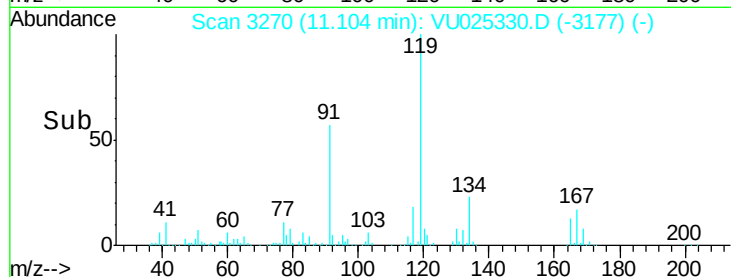
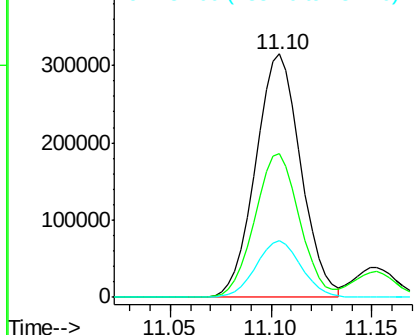
#83
tert-Butylbenzene
Concen: 48.63 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. 0.00 min
Lab File: VU025330.D
Acq: 11 Jul 2018 21:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion:119 Resp: 492375
Ion Ratio Lower Upper
119 100
91 58.5 29.7 89.1
134 23.1 11.5 34.5

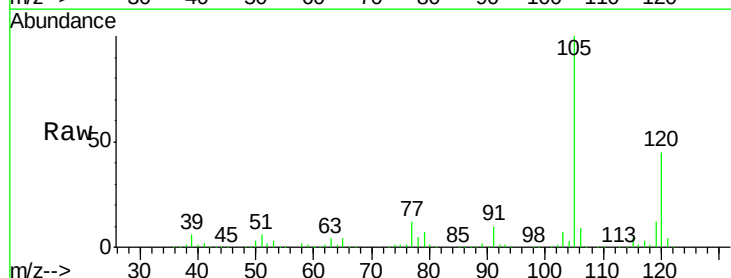


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

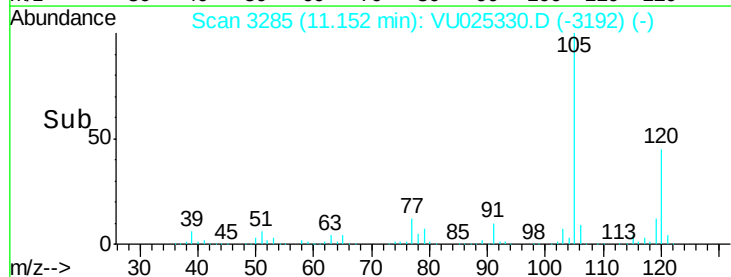
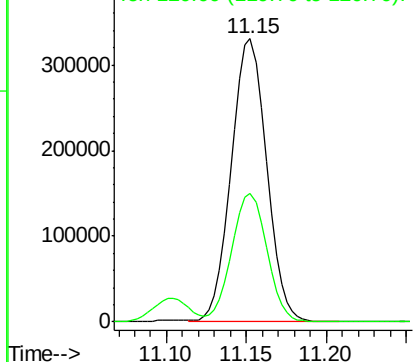


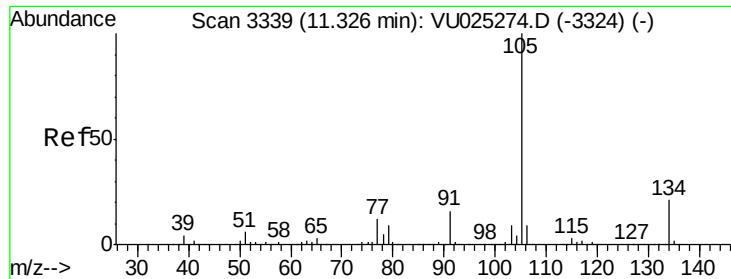
#84
1,2,4-Trimethylbenzene
Concen: 48.30 ug/l
RT: 11.15 min Scan# 3285
Delta R.T. 0.00 min
Lab File: VU025330.D
Acq: 11 Jul 2018 21:33

Tgt Ion:105 Resp: 495938
Ion Ratio Lower Upper
105 100
120 45.4 22.3 66.8



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

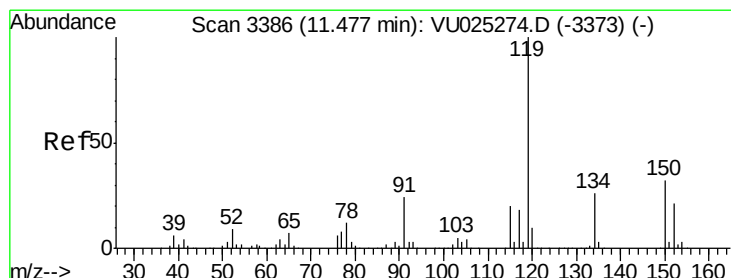
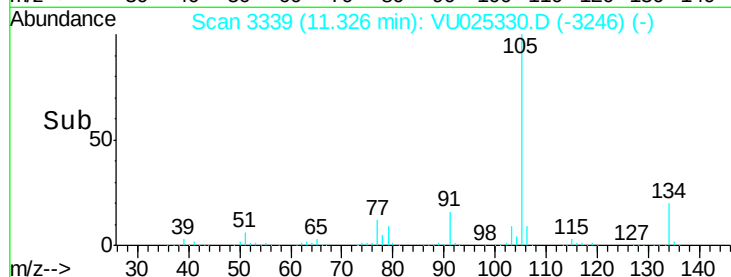
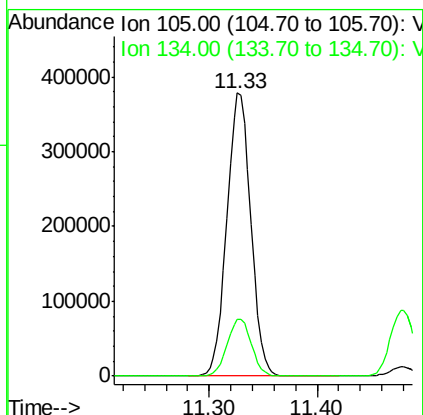
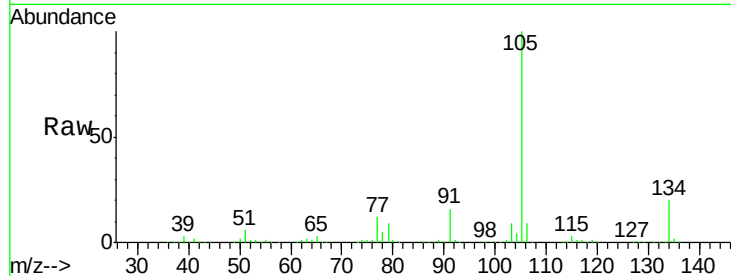




#85
 sec-Butylbenzene
 Concen: 49.04 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU025330.D
 Acq: 11 Jul 2018 21:33

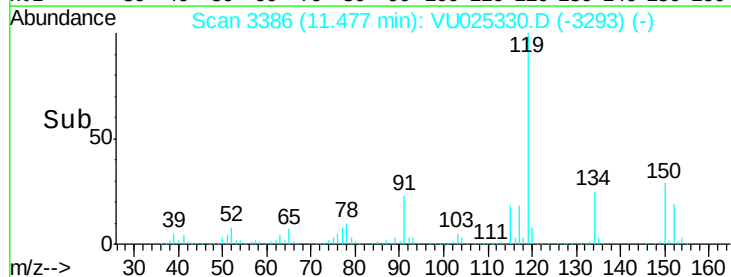
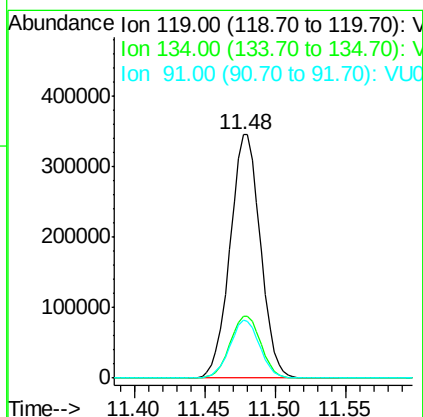
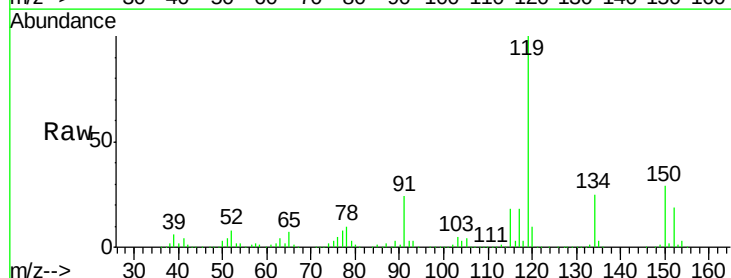
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

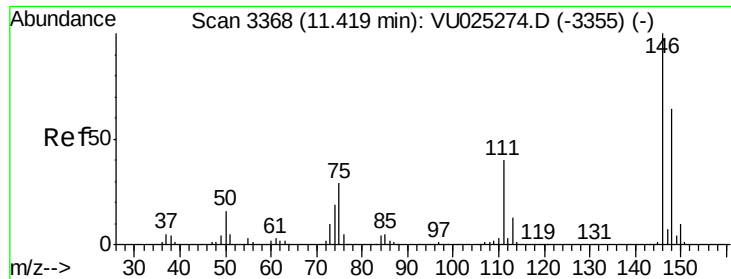
Tot Ion:105 Resp: 584629
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 49.29 ug/l
 RT: 11.48 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU025330.D
 Acq: 11 Jul 2018 21:33

Tgt Ion:119 Resp: 520281
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.2 39.5
 91 23.6 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 47.79 ug/l

RT: 11.42 min Scan# 3368

Delta R.T. 0.00 min

Lab File: VU025330.D

Acq: 11 Jul 2018 21:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

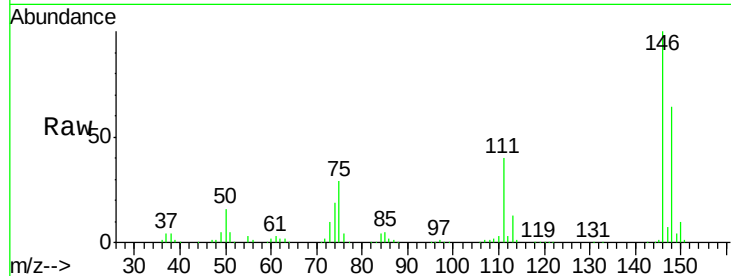
Tot Ion:146 Resp: 266084

Ion Ratio Lower Upper

146 100

111 39.1 19.7 59.1

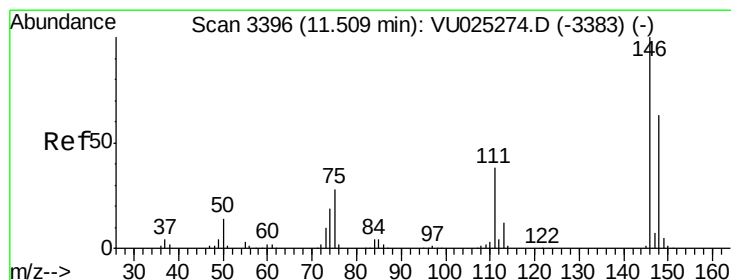
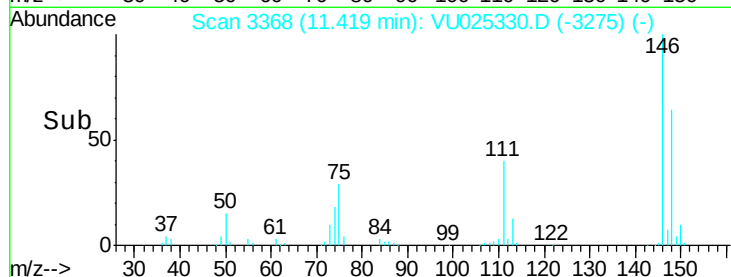
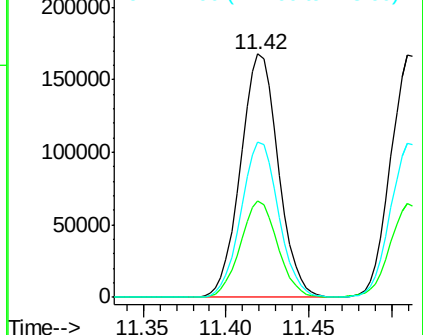
148 63.5 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 48.52 ug/l

RT: 11.51 min Scan# 3396

Delta R.T. 0.00 min

Lab File: VU025330.D

Acq: 11 Jul 2018 21:33

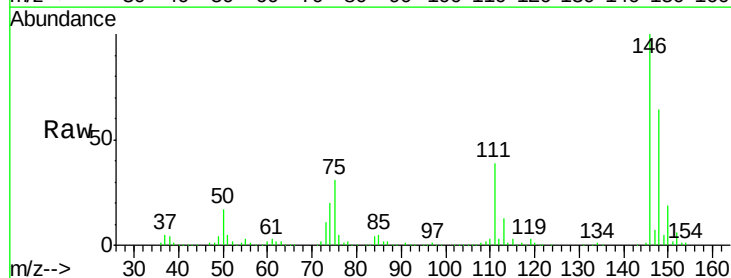
Tgt Ion:146 Resp: 263585

Ion Ratio Lower Upper

146 100

111 38.9 19.4 58.1

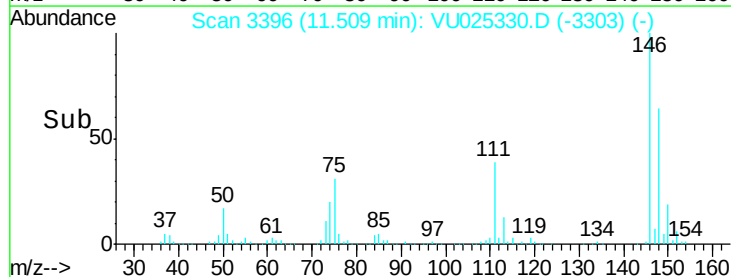
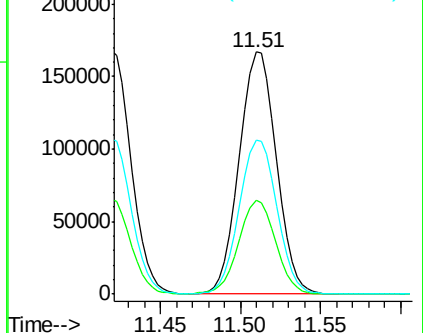
148 64.9 31.7 95.1

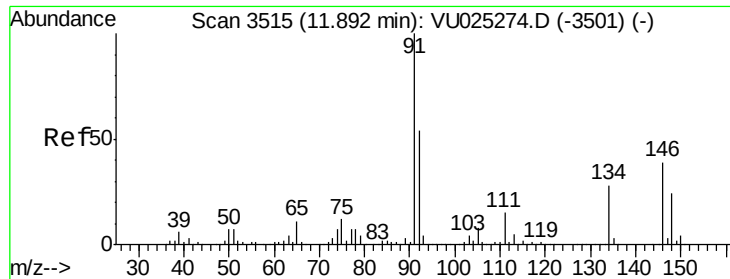


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

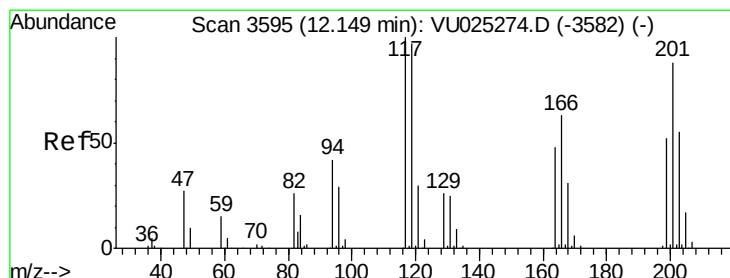
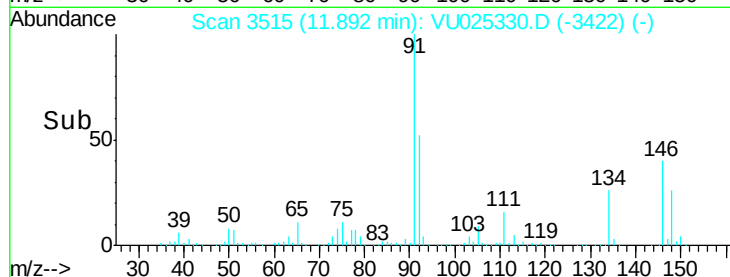
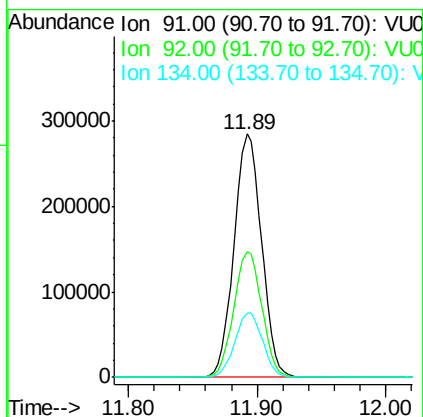
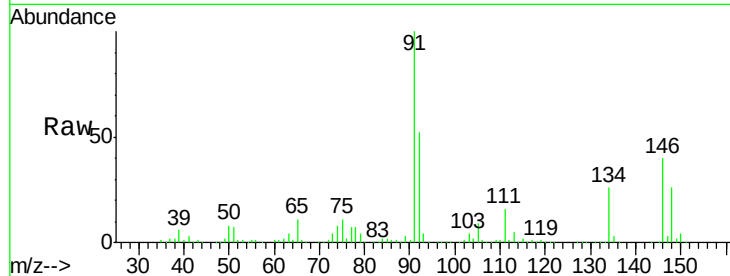




#89
n-Butylbenzene
Concen: 48.72 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU025330.D
Acq: 11 Jul 2018 21:33

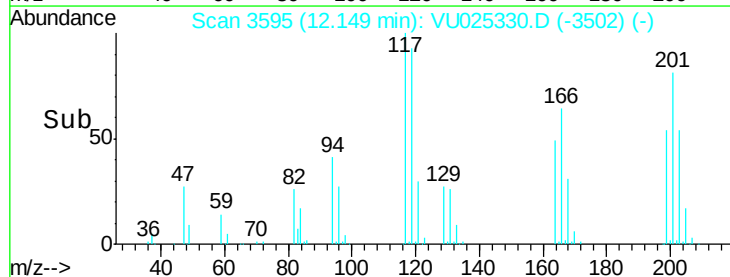
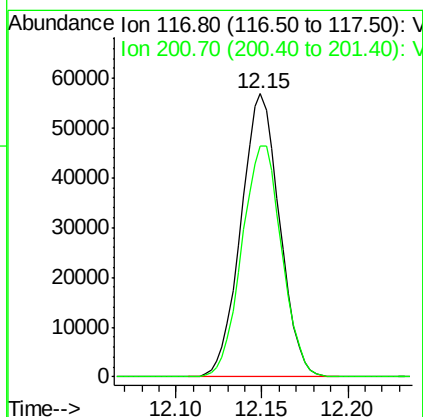
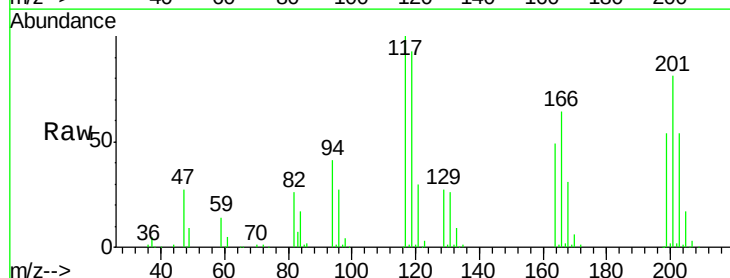
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

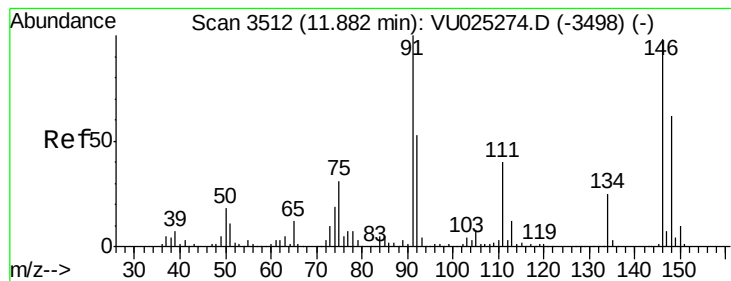
Tot Ion: 91 Resp: 422811
Ion Ratio Lower Upper
91 100
92 52.4 26.5 79.5
134 26.7 13.6 40.7



#90
Hexachloroethane
Concen: 49.51 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU025330.D
Acq: 11 Jul 2018 21:33

Tgt Ion: 117 Resp: 88486
Ion Ratio Lower Upper
117 100
201 84.3 42.5 127.6





#91

1,2-Dichlorobenzene

Concen: 49.28 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU025330.D

Acq: 11 Jul 2018 21:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

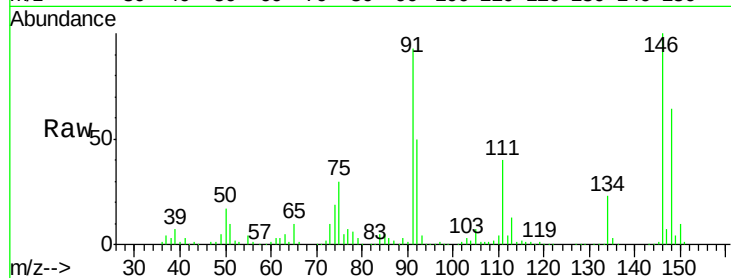
Tot Ion:146 Resp: 277073

Ion Ratio Lower Upper

146 100

111 40.5 20.6 61.8

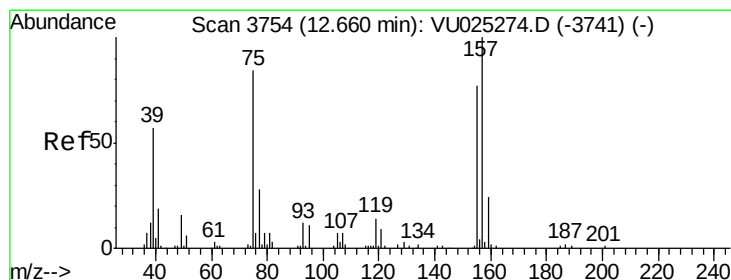
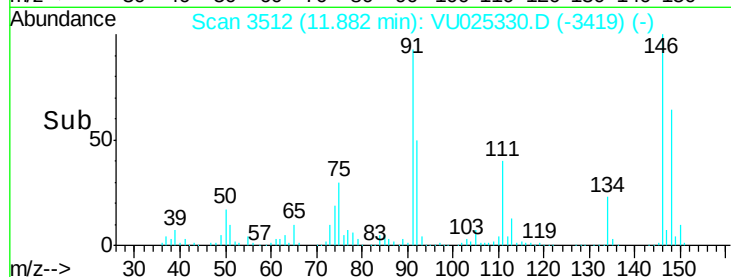
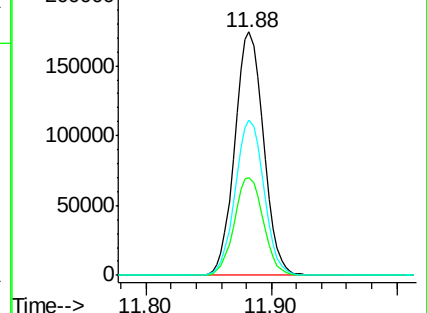
148 64.0 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.22 ug/l

RT: 12.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VU025330.D

Acq: 11 Jul 2018 21:33

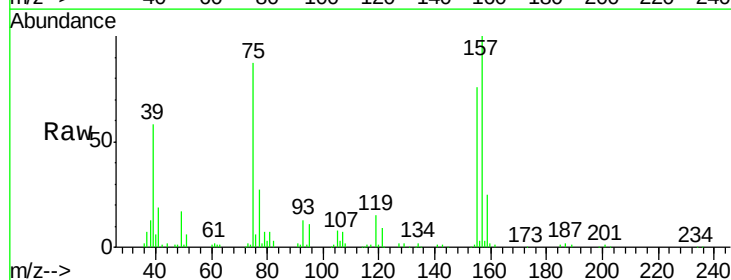
Tgt Ion: 75 Resp: 49337

Ion Ratio Lower Upper

75 100

155 87.8 44.5 133.3

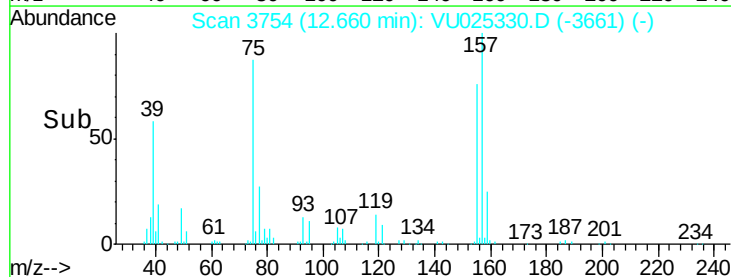
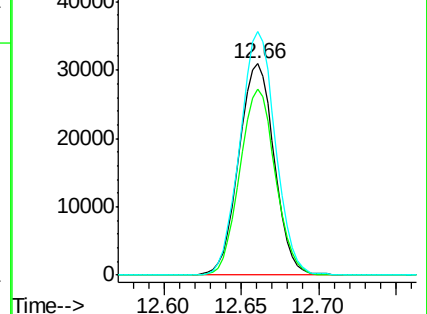
157 115.3 57.0 170.8

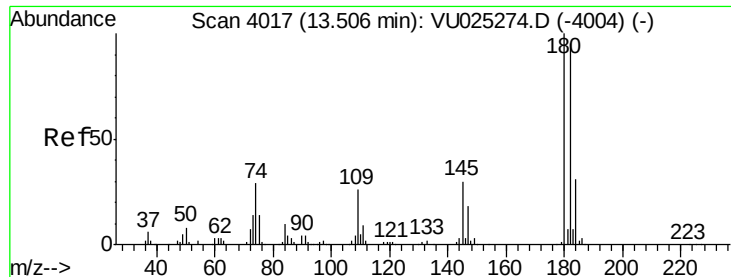


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

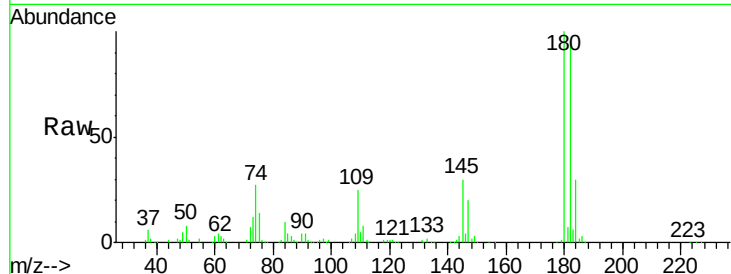




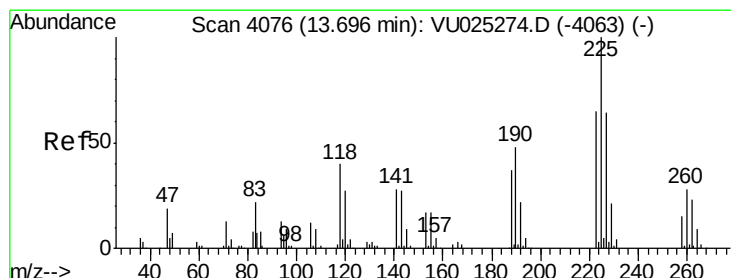
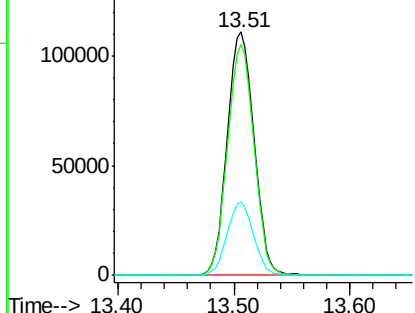
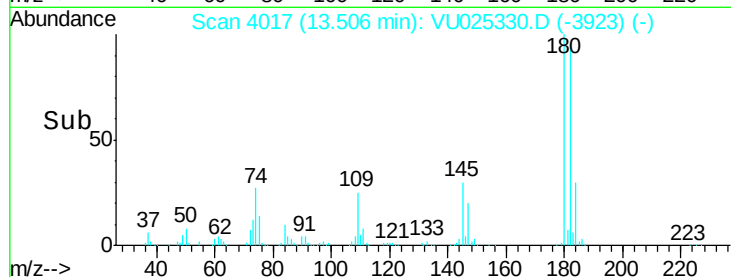
#93
 1,2,4-Trichlorobenzene
 Concen: 47.13 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025330.D
 Acq: 11 Jul 2018 21:33

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 176700
 Ion Ratio Lower Upper
 180 100
 182 93.8 47.3 141.9
 145 29.6 14.9 44.7

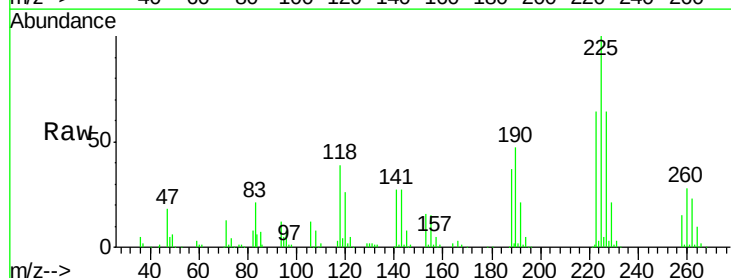


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

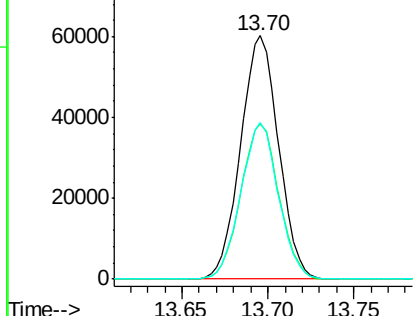
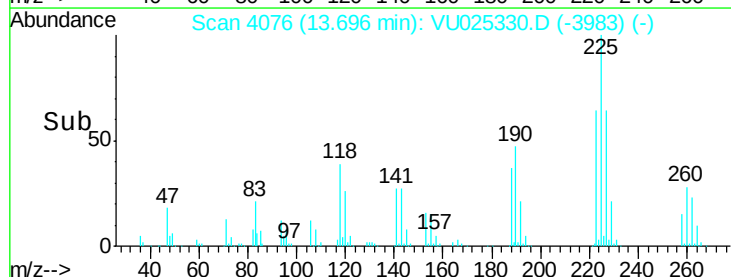


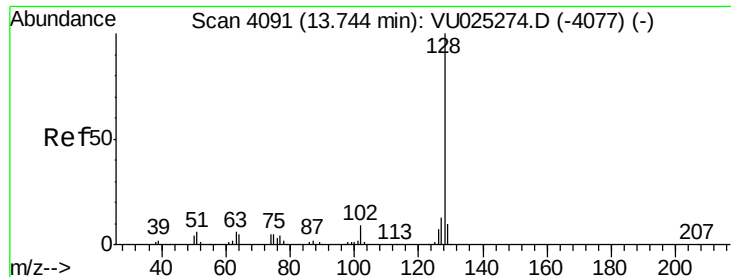
#94
 Hexachlorobutadiene
 Concen: 45.78 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025330.D
 Acq: 11 Jul 2018 21:33

Tgt Ion:225 Resp: 92056
 Ion Ratio Lower Upper
 225 100
 223 64.0 31.9 95.7
 227 63.4 32.3 96.9



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





#95

Naphthalene

Concen: 51.44 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU025330.D

Acq: 11 Jul 2018 21:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

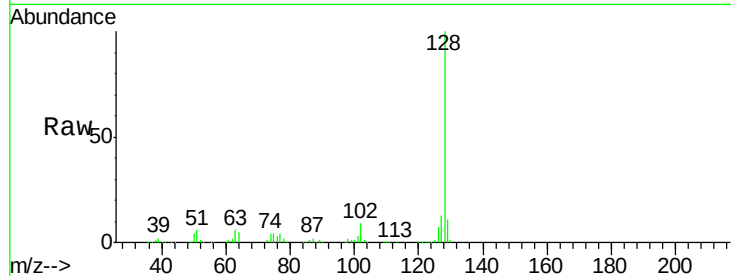
Tot Ion:128 Resp: 589426

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

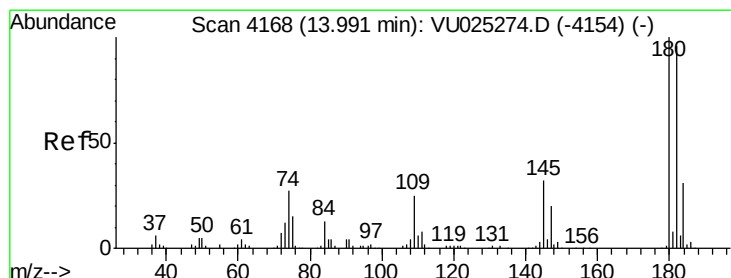
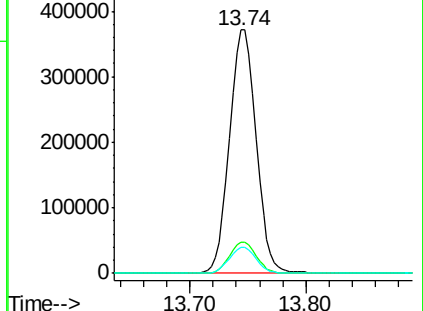
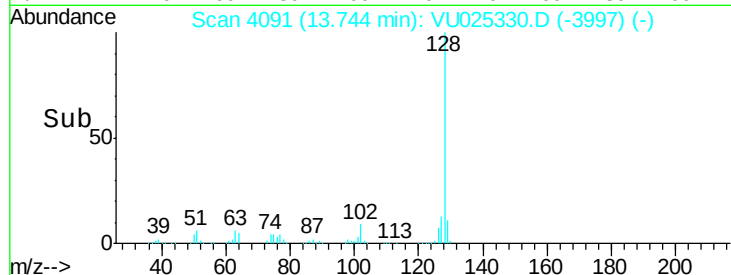
129 10.9 8.3 12.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 47.81 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU025330.D

Acq: 11 Jul 2018 21:33

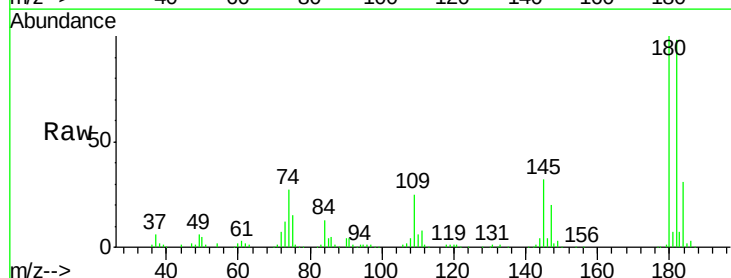
Tgt Ion:180 Resp: 182298

Ion Ratio Lower Upper

180 100

182 95.8 47.8 143.3

145 31.3 15.6 46.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

