

Data File : VU023531.D

Acq On : 30 Apr 2018 16:49

Operator : MD/SY

Sample : VSTDICCC010

Misc : 25.0mL/MSVOA_U/WATER

ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Quant Time: May 01 04:34:59 2018

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\524U043018DW.M

Quant Title : METHOD 524.2 VOLATILES DRINKING WATER

QLast Update : Tue May 01 04:31:20 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	52800	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	18466	0.97	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	17290	0.93	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	169129	10.13	ug/l	100
3) Chloromethane	1.33	50	184162	8.72	ug/l	100
4) Vinyl Chloride	1.40	62	185096	9.65	ug/l	100
5) Bromomethane	1.63	94	98733	7.88	ug/l	100
6) Chloroethane	1.70	64	102102	9.28	ug/l	100
7) Trichlorofluoromethane	1.89	101	215315	9.92	ug/l	100
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	130265	10.07	ug/l	100
9) 1,1-Dichloroethene	2.29	96	122401	9.45	ug/l	100
10) Iodomethane	2.42	142	157326	10.83	ug/l	100
11) Allyl Chloride	2.60	41	224954	10.87	ug/l	100
12) Acrylonitrile	2.95	53	52617	17.89	ug/l	100
13) Acetone	2.35	43	100304	42.87	ug/l	100
14) Carbon Disulfide	2.48	76	397118	9.75	ug/l	100
15) Methylene Chloride	2.71	84	128180	8.17	ug/l	100
16) trans-1,2-Dichloroethene	2.99	96	128021	9.13	ug/l	100
17) 1,1-Dichloroethane	3.45	63	255669	9.76	ug/l	100
18) 2-Butanone	4.30	43	172989	48.35	ug/l	100
19) Cyclohexane	4.99	56	223521	11.83	ug/l	100
20) Methylcyclohexane	6.41	83	240207	10.98	ug/l	100
21) 2,2-Dichloropropane	4.23	77	203342	10.61	ug/l	100
22) cis-1,2-Dichloroethene	4.23	96	140877	9.04	ug/l	100
23) Diethyl Ether	2.11	59	100664	9.52	ug/l	100
24) tert-Butyl Alcohol	2.90	59	74149	71.96	ug/l	100
25) Methyl tert-Butyl Ether	3.01	73	308346	9.40	ug/l	100
26) Bromochloromethane	4.55	128	54909	8.03	ug/l	100
27) Chloroform	4.68	83	239650	9.18	ug/l	100
28) 1,1,1-Trichloroethane	4.91	97	198652	9.89	ug/l	100
29) 1,1-Dichloropropene	5.13	75	196665	9.94	ug/l	100
30) Carbon Tetrachloride	5.13	117	170986	10.16	ug/l	100
31) Isopropyl Ether	3.58	45	433749	10.85	ug/l	100
32) Ethyl-t-butyl ether	4.09	59	376018	10.43	ug/l	100
33) Tert-Amyl methyl ether	5.59	73	322043	10.31	ug/l	100
34) Propionitrile	4.37	54	49345	45.58	ug/l	100
35) Benzene	5.39	78	602292	10.06	ug/l	100
36) 1,2-Dichloroethane	5.41	62	165331	10.41	ug/l	100
37) Trichloroethene	6.18	130	155810	9.76	ug/l	100
38) 1,2-Dichloropropane	6.44	63	162961	10.70	ug/l	100
39) Methacrylonitrile	4.56	41	48977	10.91	ug/l	100
40) Methyl acrylate	4.44	55	72173	10.63	ug/l	100
41) Tetrahydrofuran	4.67	42	47534	18.97	ug/l	100
42) 1-Chlorobutane	5.07	56	285113	10.71	ug/l	100

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER

QLast Update : Tue May 01 04:31:20 2018

Response via : Initial Calibration

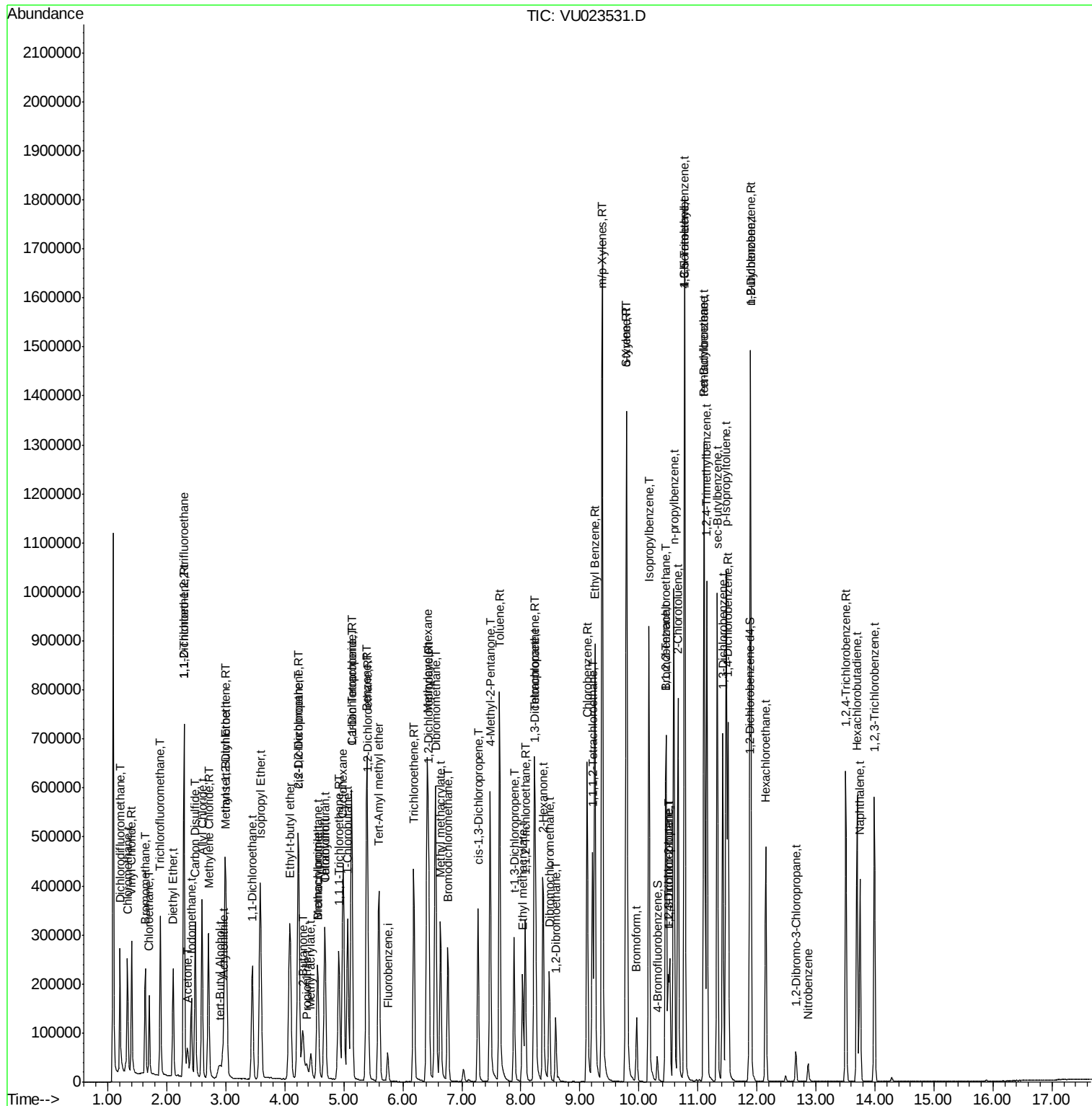
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	69489	9.63	ug/l	100
44) Bromodichloromethane	6.76	83	175607	10.41	ug/l	100
45) 4-Methyl-2-Pentanone	7.48	43	437079	52.61	ug/l	100
46) t-1,4-Dichloro-2-butene	10.50	75	79063	30.52	ug/l #	65
47) Methyl methacrylate	6.64	69	134552	19.66	ug/l	100
48) Ethyl methacrylate	8.03	69	121385	9.96	ug/l	100
49) Toluene	7.64	92	358863	10.24	ug/l	100
50) t-1,3-Dichloropropene	7.89	75	161368	11.12	ug/l	100
51) cis-1,3-Dichloropropene	7.27	75	204171	10.93	ug/l	100
52) 1,1,2-Trichloroethane	8.07	97	99523	9.47	ug/l	100
53) 1,3-Dichloropropane	8.25	76	180822	10.01	ug/l	100
54) 2-Hexanone	8.37	43	304530	53.75	ug/l	100
55) Dibromochloromethane	8.48	129	113652	10.51	ug/l	100
56) 1,2-Dibromoethane	8.59	107	87511	9.46	ug/l	100
58) Tetrachloroethene	8.23	164	147722	10.40	ug/l	100
59) Chlorobenzene	9.12	112	375098	9.76	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.21	131	126433	9.76	ug/l	100
61) Pentachloroethane	11.10	117	85778	9.14	ug/l	100
62) Hexachloroethane	12.15	117	85622	10.15	ug/l	100
63) Ethyl Benzene	9.25	91	658142	10.38	ug/l	100
64) m/p-Xylenes	9.38	106	509954	20.80	ug/l	100
65) o-Xylene	9.78	106	244103	10.09	ug/l	100
66) Styrene	9.80	104	415843	10.41	ug/l	100
67) Bromoform	9.96	173	59353	10.08	ug/l	100
69) Isopropylbenzene	10.17	105	629464	10.43	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.46	83	113387	9.00	ug/l	100
71) 1,2,3-Trichloropropane	10.50	75	79063	8.51	ug/l #	100
72) Bromobenzene	10.45	156	151521	9.34	ug/l	100
73) n-propylbenzene	10.59	120	175749	10.37	ug/l	100
74) 2-Chlorotoluene	10.66	126	150064	9.78	ug/l	100
75) 1,3,5-Trimethylbenzene	10.78	105	538953	10.40	ug/l	100
76) 4-Chlorotoluene	10.78	126	157337	9.91	ug/l	100
77) tert-Butylbenzene	11.10	119	490115	9.99	ug/l	100
78) 1,2,4-Trimethylbenzene	11.15	105	541837	10.22	ug/l	100
79) sec-Butylbenzene	11.33	105	688236	10.37	ug/l	100
80) Nitrobenzene	12.87	77	21510	75.41	ug/l	100
81) p-Isopropyltoluene	11.48	119	575899	10.38	ug/l	100
82) 1,3-Dichlorobenzene	11.42	146	293410	9.29	ug/l	100
83) 1,4-Dichlorobenzene	11.51	146	298614	9.38	ug/l	100
84) n-Butylbenzene	11.89	91	561786	10.68	ug/l	100
85) 1,2-Dichlorobenzene	11.88	146	264653	8.99	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.66	75	15832	9.37	ug/l	100
87) 1,2,4-Trichlorobenzene	13.51	180	195672	9.44	ug/l	100
88) Hexachlorobutadiene	13.70	225	114255	10.02	ug/l	100
89) Naphthalene	13.75	128	320598	9.80	ug/l	100
90) 1,2,3-Trichlorobenzene	13.99	180	183007	9.32	ug/l	100

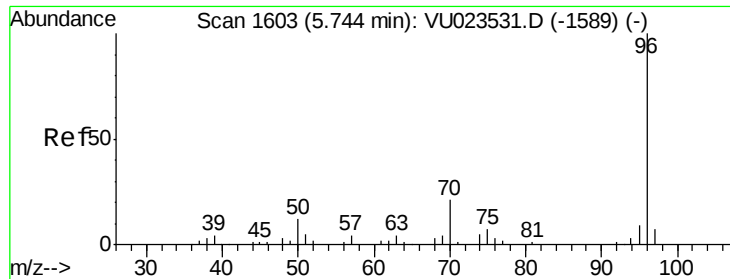
(#)=qualifier out of range (m)=manual integration (+)=signals summed

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Response via : Initial Calibration





#1

Fluorobenzene

Concen: 1.00 ug/l

RT: 5.74 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 96 Resp: 52800

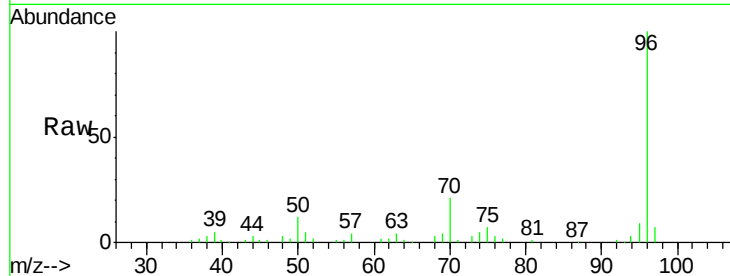
Ion Ratio Lower Upper

96 100

70 20.3 16.2 24.4

95 8.6 6.9 10.3

97 0.0 0.0 0.0

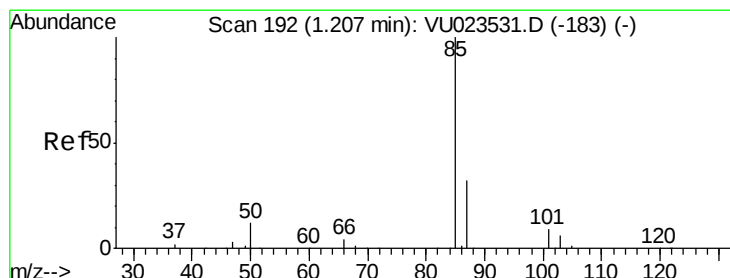
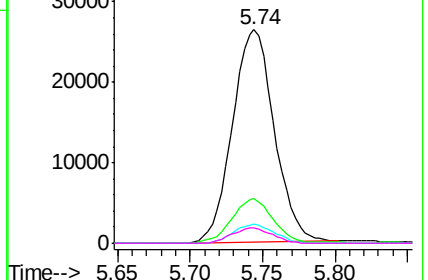
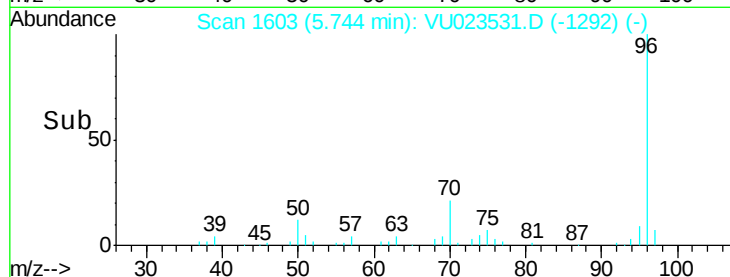


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 10.13 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU023531.D

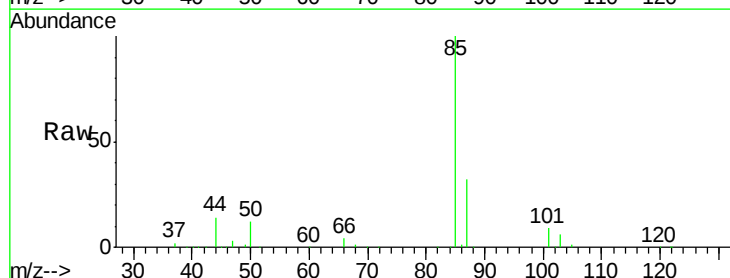
Acq: 30 Apr 2018 16:49

Tgt Ion: 85 Resp: 169129

Ion Ratio Lower Upper

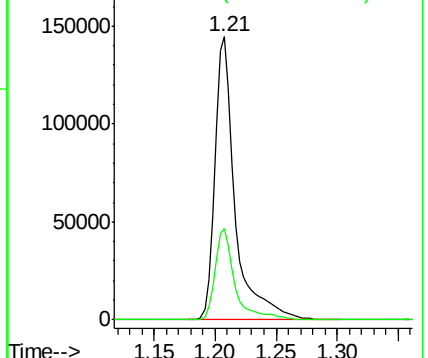
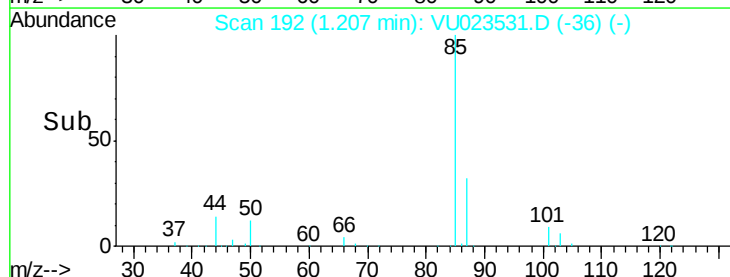
85 100

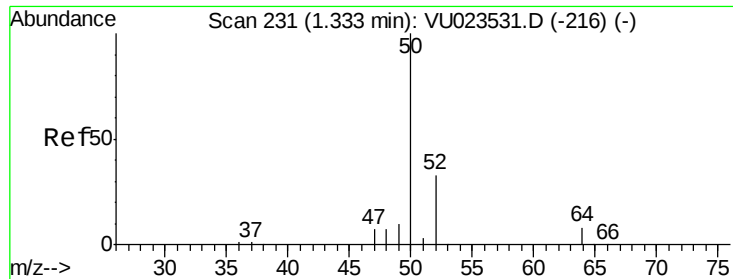
87 32.3 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

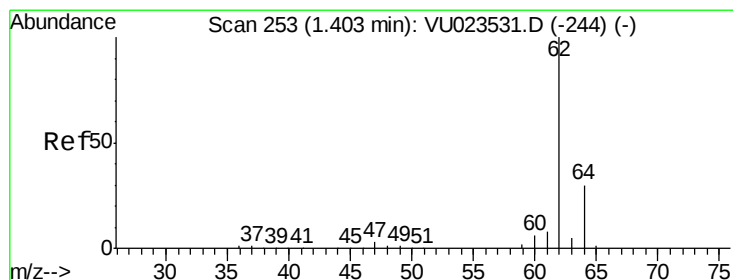
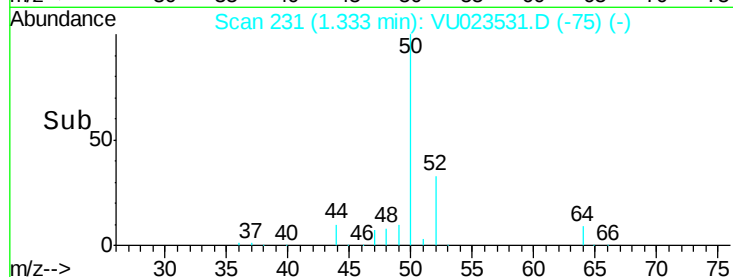
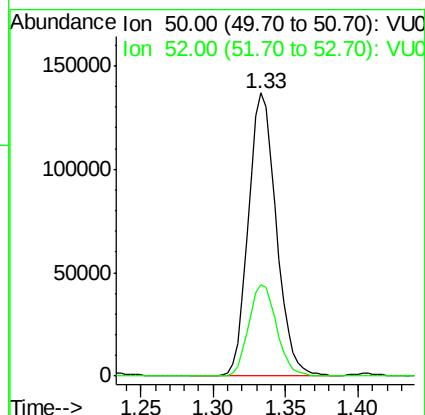
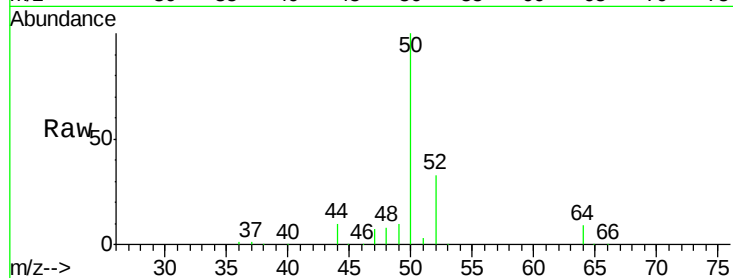




#3
 Chloromethane
 Concen: 8.72 ug/l
 RT: 1.33 min Scan# 231
 Delta R.T. 0.00 min
 Lab File: VU023531.D
 Acq: 30 Apr 2018 16:49

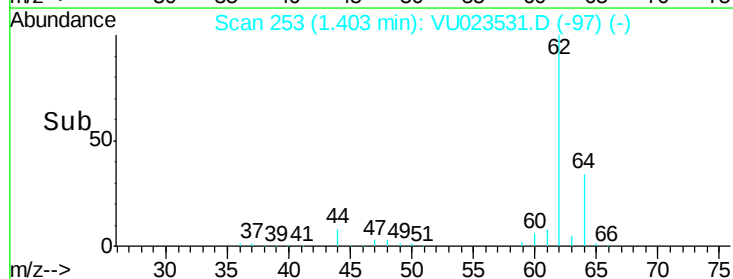
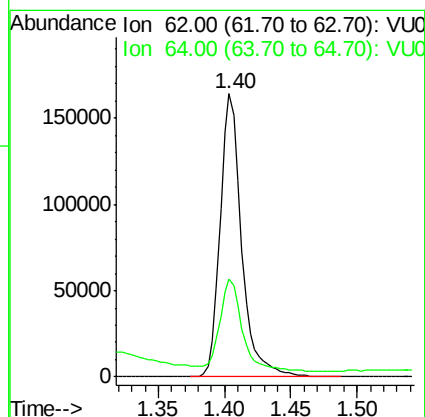
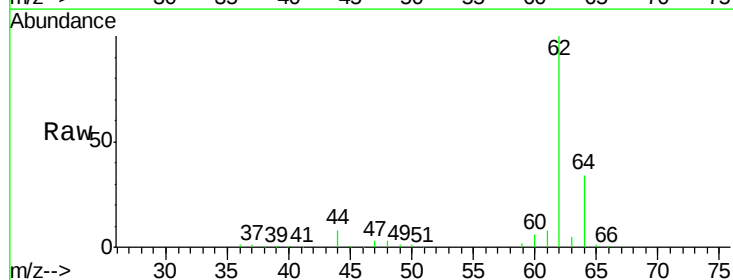
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

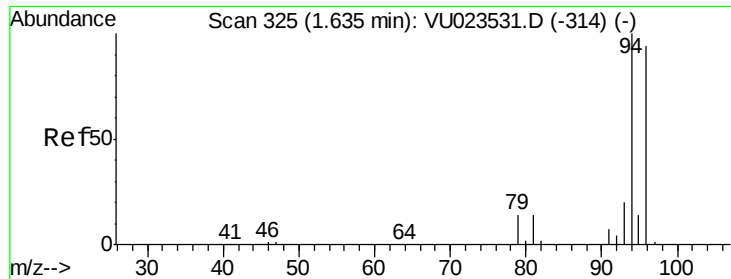
Tgt Ion: 50 Resp: 184162
 Ion Ratio Lower Upper
 50 100
 52 32.5 26.0 39.0



#4
 Vinyl Chloride
 Concen: 9.65 ug/l
 RT: 1.40 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VU023531.D
 Acq: 30 Apr 2018 16:49

Tgt Ion: 62 Resp: 185096
 Ion Ratio Lower Upper
 62 100
 64 32.3 25.8 38.8

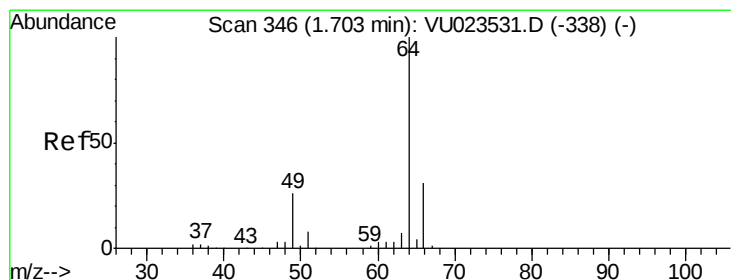
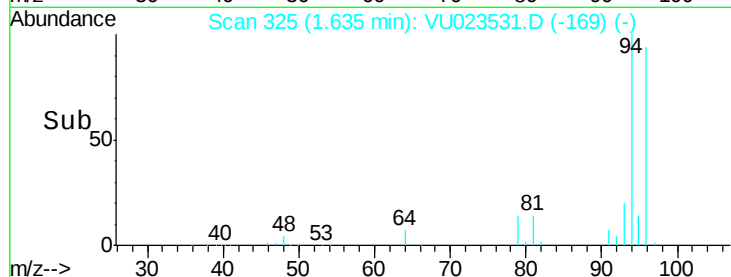
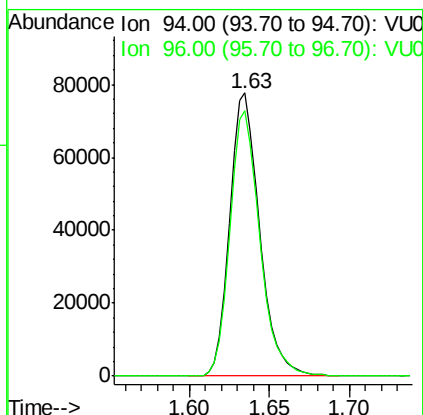
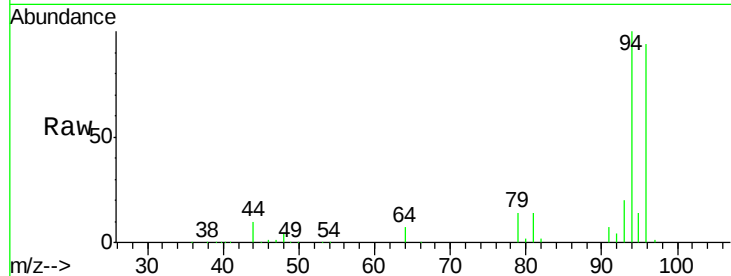




#5
Bromomethane
Concen: 7.88 ug/l
RT: 1.63 min Scan# 325
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

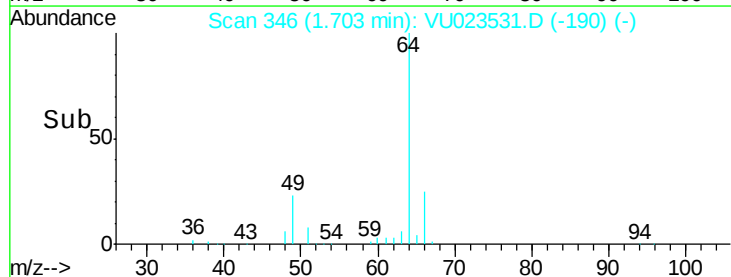
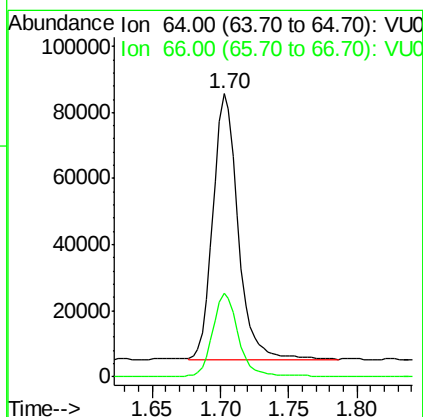
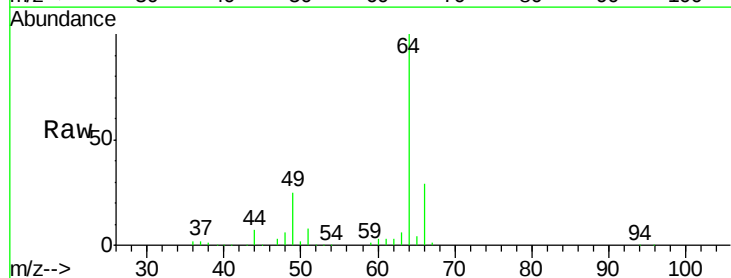
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

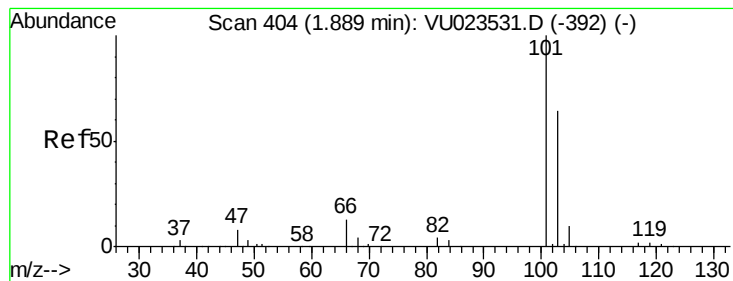
Tgt Ion: 94 Resp: 98733
Ion Ratio Lower Upper
94 100
96 93.9 75.1 112.7



#6
Chloroethane
Concen: 9.28 ug/l
RT: 1.70 min Scan# 346
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Tgt Ion: 64 Resp: 102102
Ion Ratio Lower Upper
64 100
66 31.1 24.9 37.3





#7

Trichlorofluoromethane

Concen: 9.92 ug/l

RT: 1.89 min Scan# 404

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

Instrument :

MSVOA_U

ClientSampleId :

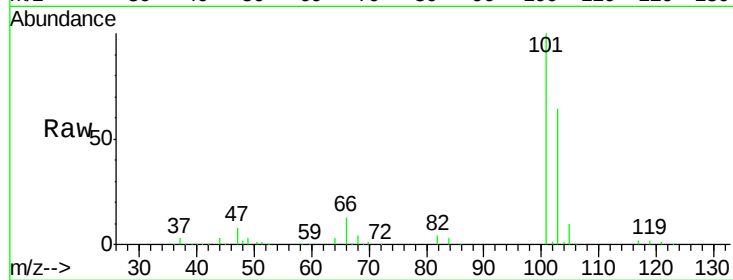
VSTDICCC010

Tgt Ion:101 Resp: 215315

Ion Ratio Lower Upper

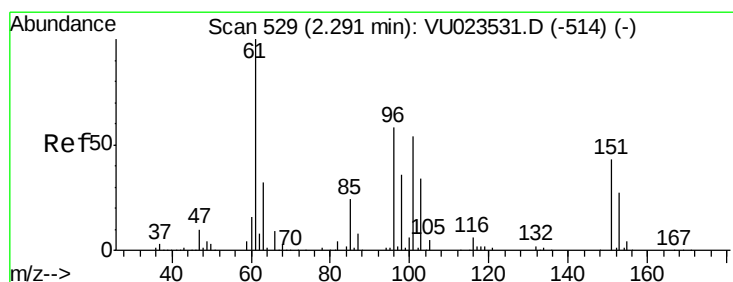
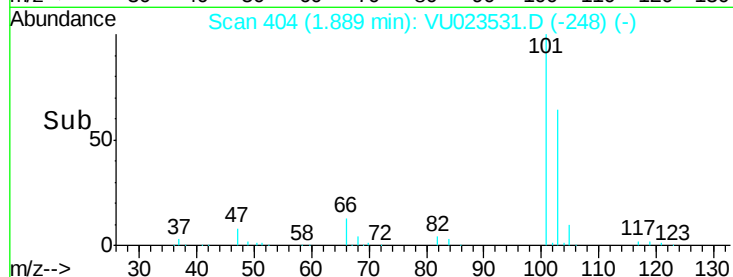
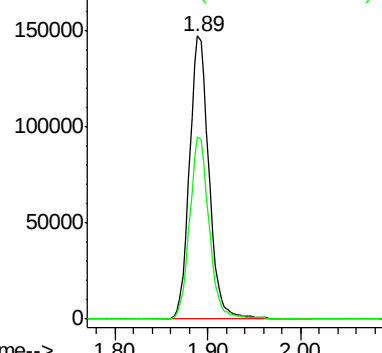
101 100

103 64.2 51.4 77.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 10.07 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

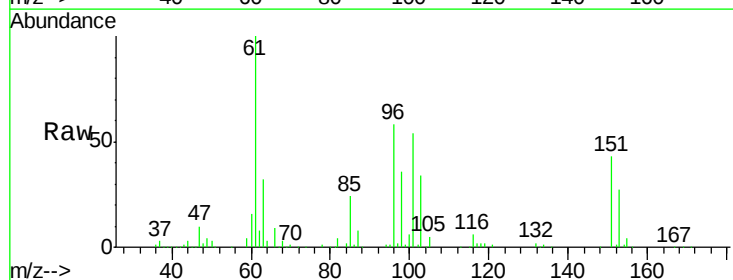
Tgt Ion:101 Resp: 130265

Ion Ratio Lower Upper

101 100

85 44.0 35.2 52.8

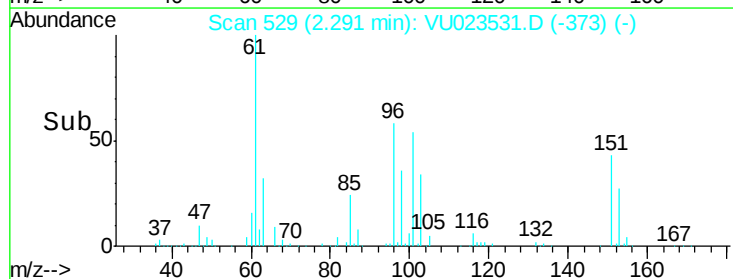
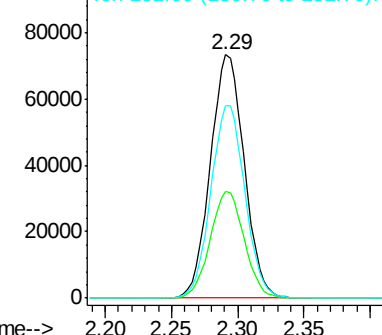
151 79.4 63.5 95.3

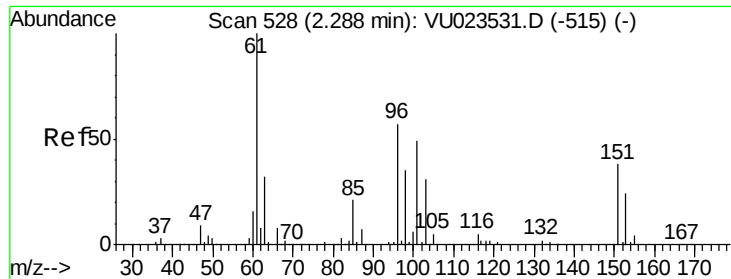


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 9.45 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

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MSVOA_U

ClientSampleId :

VSTDICCC010

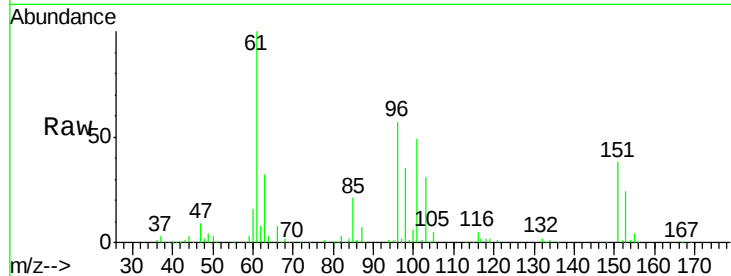
Tgt Ion: 96 Resp: 122401

Ion Ratio Lower Upper

96 100

61 175.5 0.0 526.5

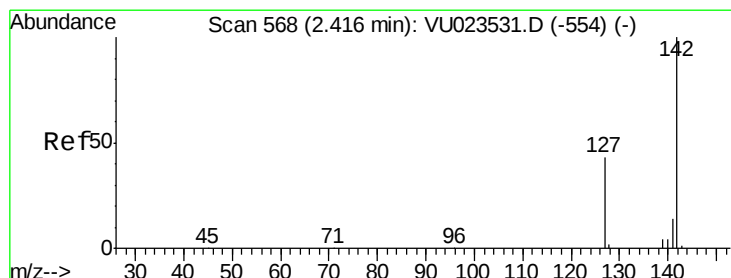
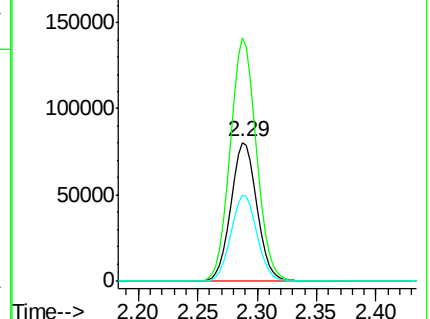
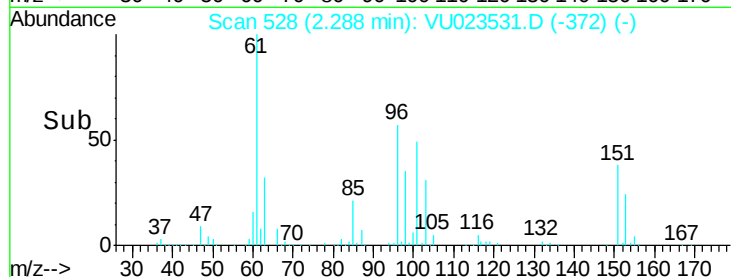
98 61.7 0.0 123.4



Abundance Ion 96.00 (95.70 to 96.70): VU023531.D (-515) (-)

Ion 61.00 (60.70 to 61.70): VU023531.D (-515) (-)

Ion 98.00 (97.70 to 98.70): VU023531.D (-515) (-)



#10

Iodomethane

Concen: 10.83 ug/l

RT: 2.42 min Scan# 568

Delta R.T. 0.00 min

Lab File: VU023531.D

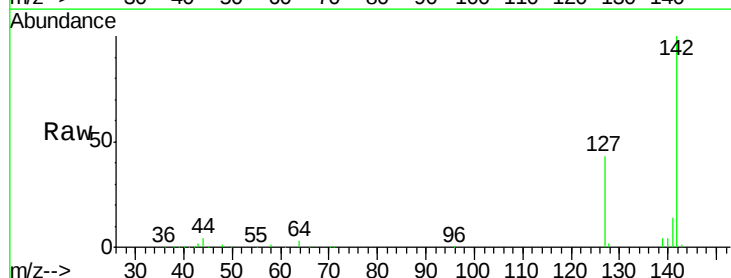
Acq: 30 Apr 2018 16:49

Tgt Ion: 142 Resp: 157326

Ion Ratio Lower Upper

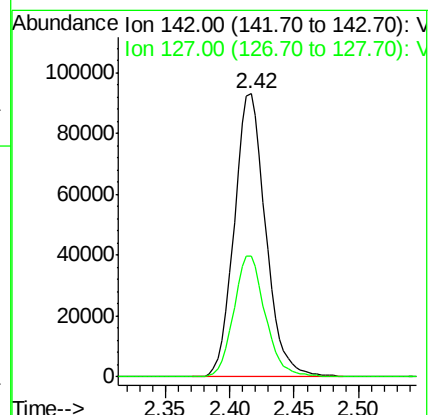
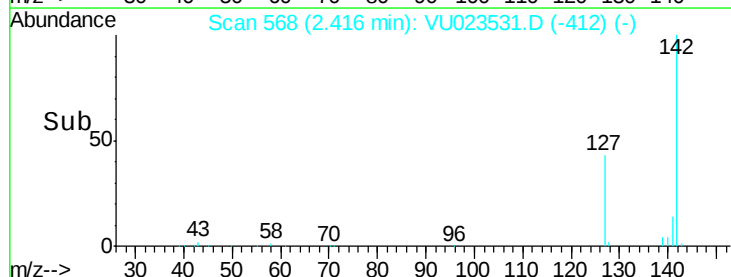
142 100

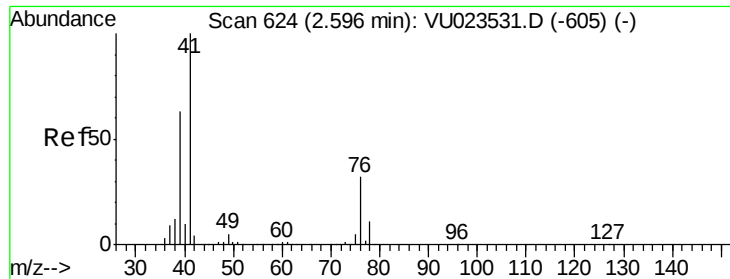
127 43.1 34.5 51.7



Abundance Ion 142.00 (141.70 to 142.70): VU023531.D (-554) (-)

Ion 127.00 (126.70 to 127.70): VU023531.D (-554) (-)

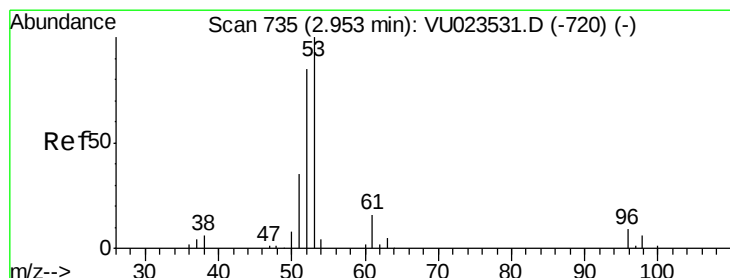
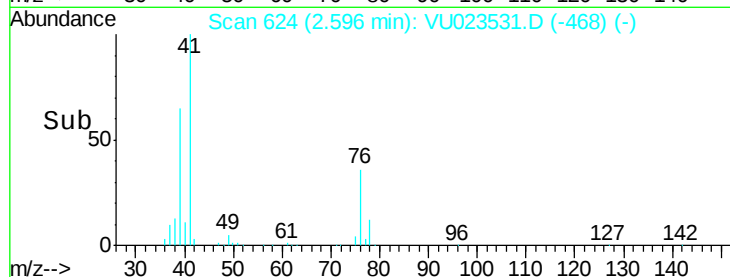
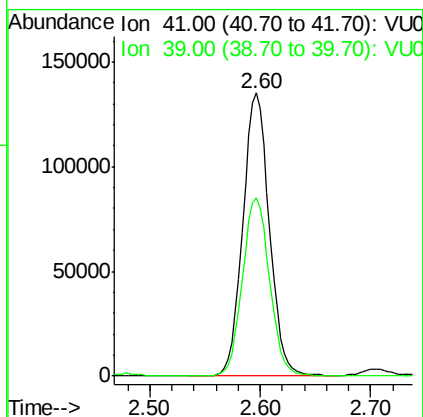
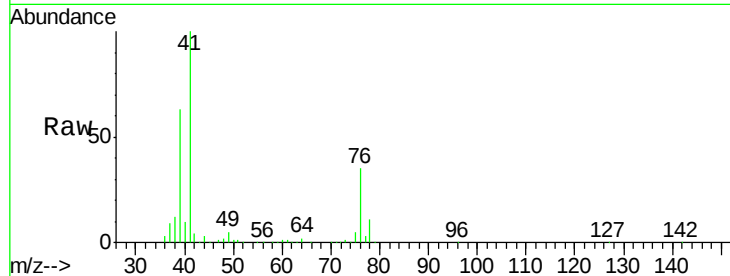




#11
 Allyl Chloride
 Concen: 10.87 ug/l
 RT: 2.60 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: VU023531.D
 Acq: 30 Apr 2018 16:49

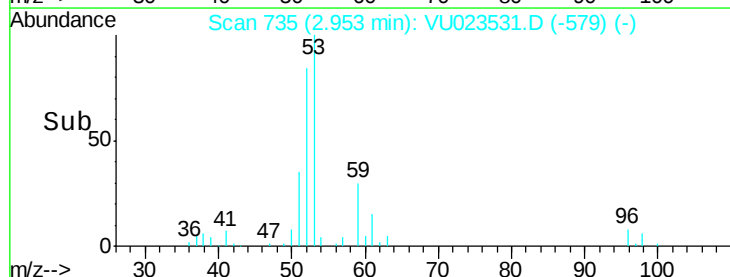
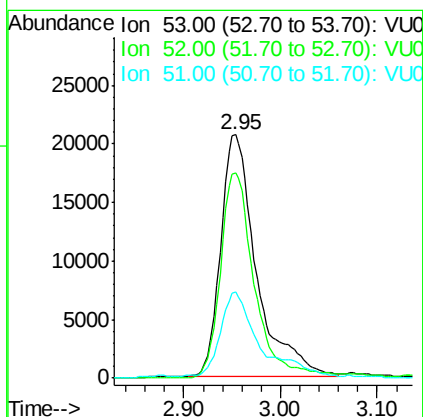
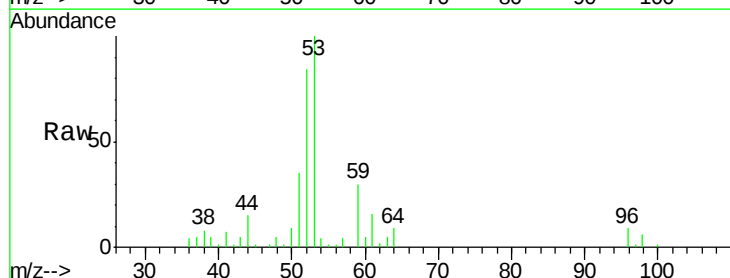
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

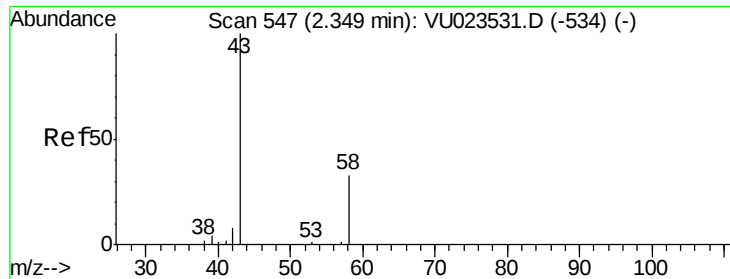
Tgt Ion: 41 Resp: 224954
 Ion Ratio Lower Upper
 41 100
 39 64.3 51.4 77.2



#12
 Acrylonitrile
 Concen: 17.89 ug/l
 RT: 2.95 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: VU023531.D
 Acq: 30 Apr 2018 16:49

Tgt Ion: 53 Resp: 52617
 Ion Ratio Lower Upper
 53 100
 52 81.4 65.1 97.7
 51 37.8 30.2 45.4





#13

Acetone

Concen: 42.87 ug/l

RT: 2.35 min Scan# 547

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

Instrument :

MSVOA_U

ClientSampleId :

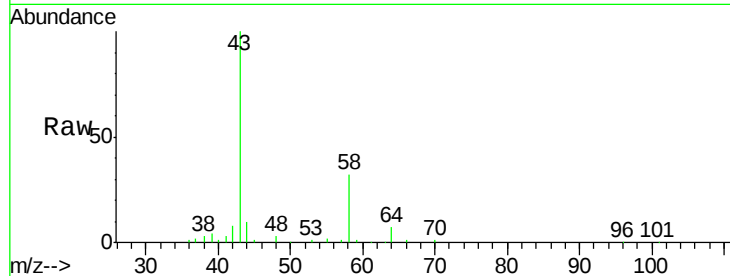
VSTDICCC010

Tgt Ion: 43 Resp: 100304

Ion Ratio Lower Upper

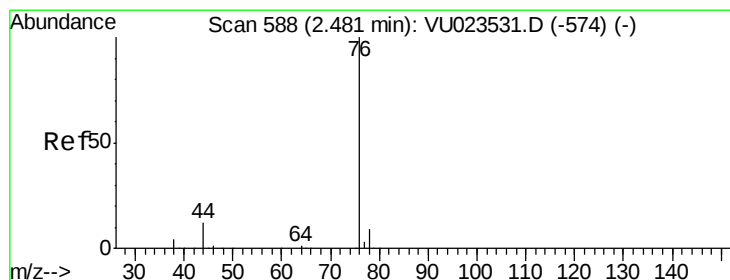
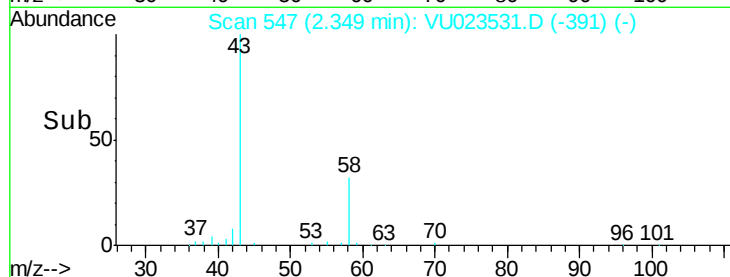
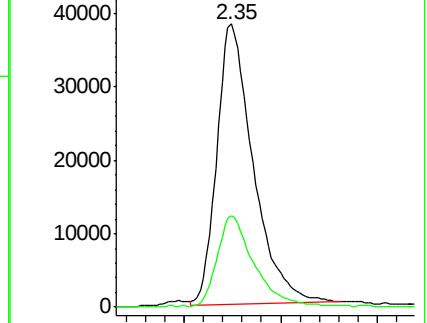
43 100

58 32.5 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#14

Carbon Disulfide

Concen: 9.75 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU023531.D

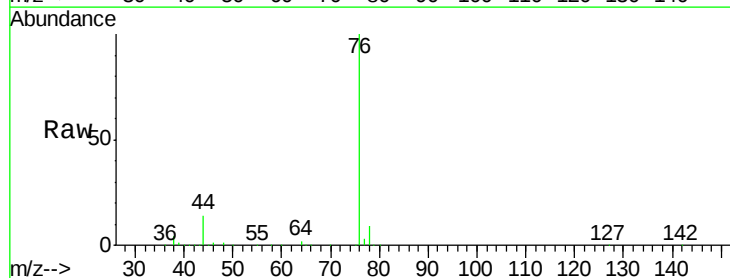
Acq: 30 Apr 2018 16:49

Tgt Ion: 76 Resp: 397118

Ion Ratio Lower Upper

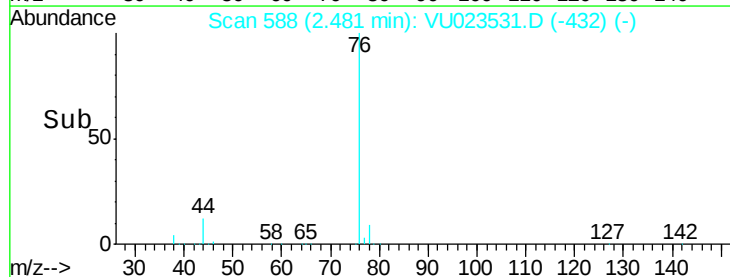
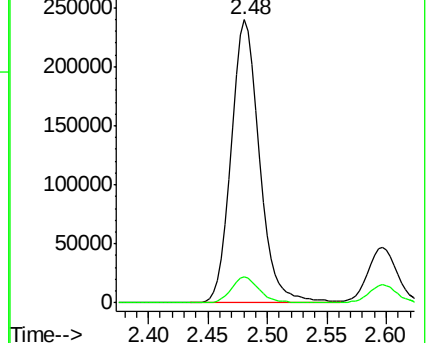
76 100

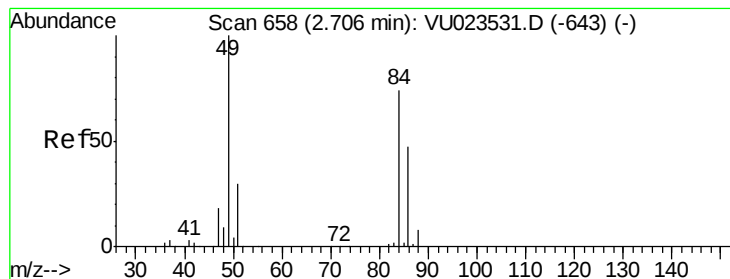
78 9.1 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0





#15

Methylene Chloride

Concen: 8.17 ug/l

RT: 2.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 84 Resp: 128180

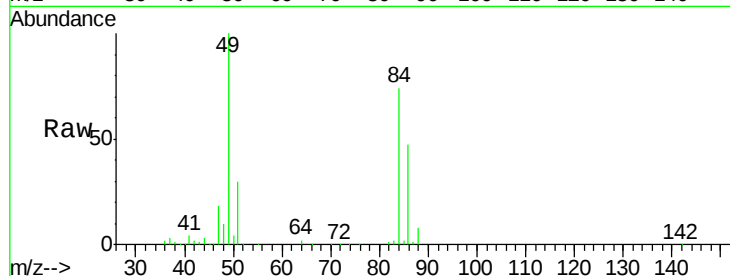
Ion Ratio Lower Upper

84 100

49 135.9 108.7 163.1

51 41.2 0.0 82.4

86 63.4 50.7 76.1

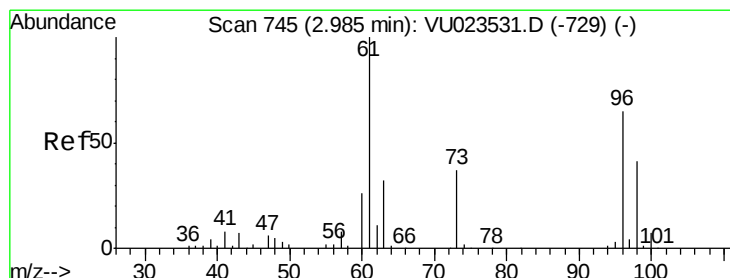
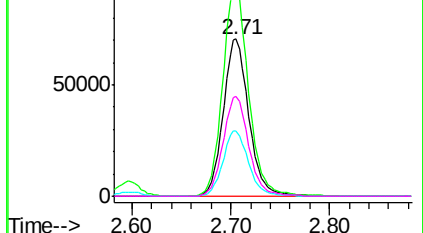
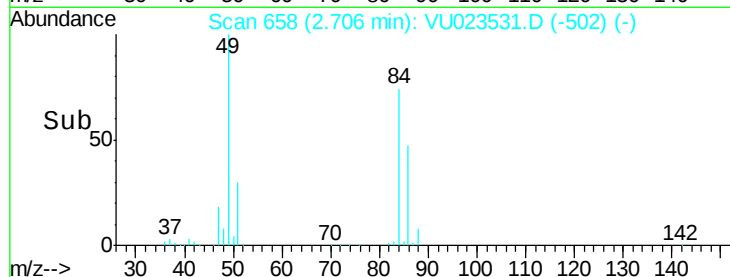


Abundance Ion 84.00 (83.70 to 84.70): VU023531.D (-643) (-)

Ion 49.00 (48.70 to 49.70): VU023531.D (-643) (-)

Ion 51.00 (50.70 to 51.70): VU023531.D (-643) (-)

Ion 86.00 (85.70 to 86.70): VU023531.D (-643) (-)



#16

trans-1,2-Dichloroethene

Concen: 9.13 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

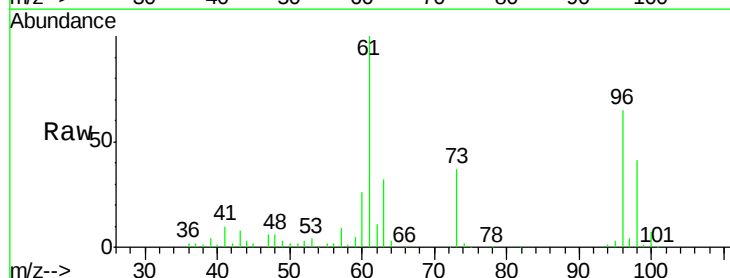
Tgt Ion: 96 Resp: 128021

Ion Ratio Lower Upper

96 100

61 154.9 123.9 185.9

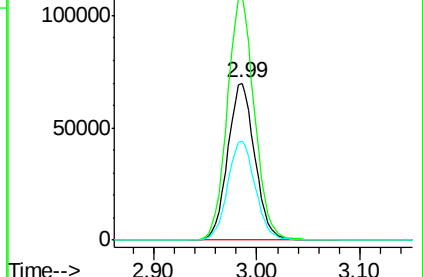
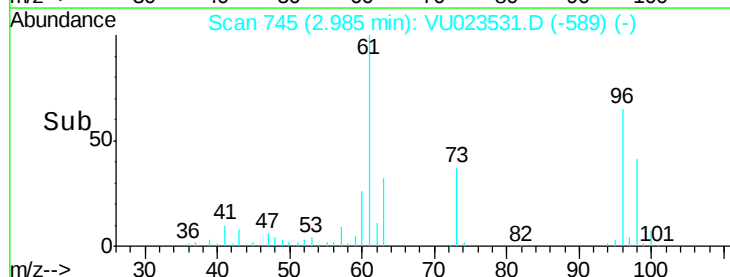
98 63.3 50.6 76.0

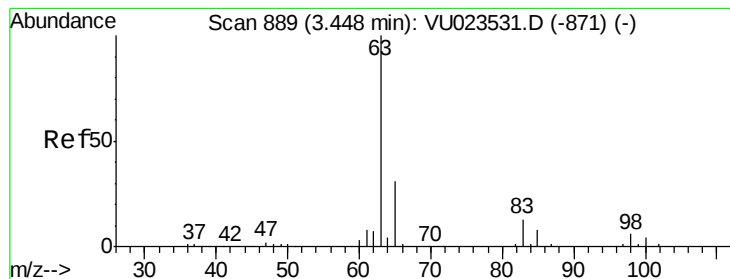


Abundance Ion 96.00 (95.70 to 96.70): VU023531.D (-729) (-)

Ion 61.00 (60.70 to 61.70): VU023531.D (-729) (-)

Ion 98.00 (97.70 to 98.70): VU023531.D (-729) (-)





#17

1,1-Dichloroethane

Concen: 9.76 ug/l

RT: 3.45 min Scan# 889

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

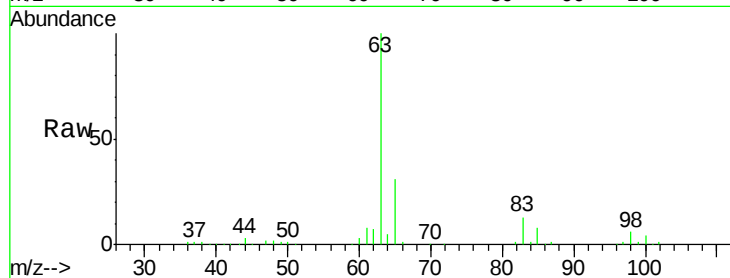
Tgt Ion: 63 Resp: 255669

Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.8

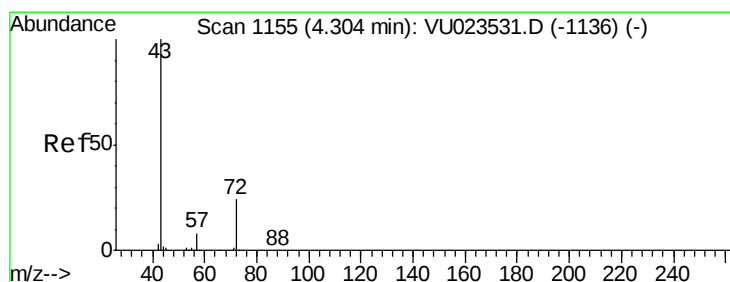
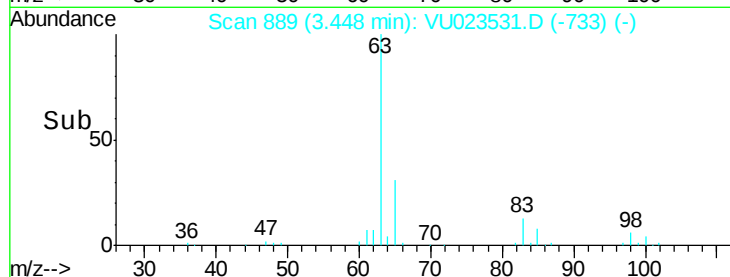
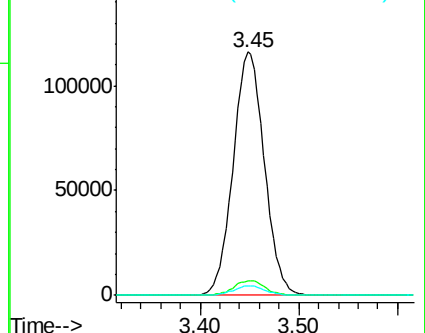
100 3.9 2.0 5.8



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0



#18

2-Butanone

Concen: 48.35 ug/l

RT: 4.30 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VU023531.D

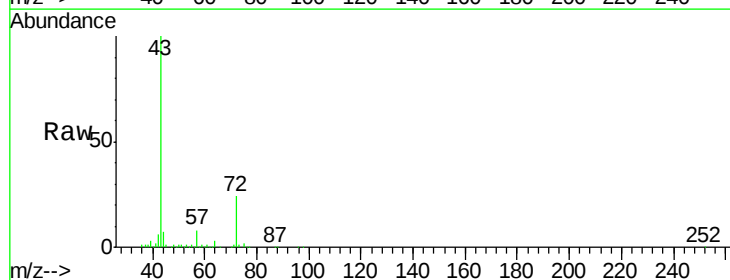
Acq: 30 Apr 2018 16:49

Tgt Ion: 43 Resp: 172989

Ion Ratio Lower Upper

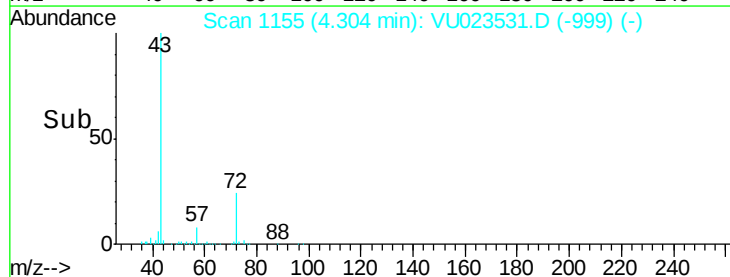
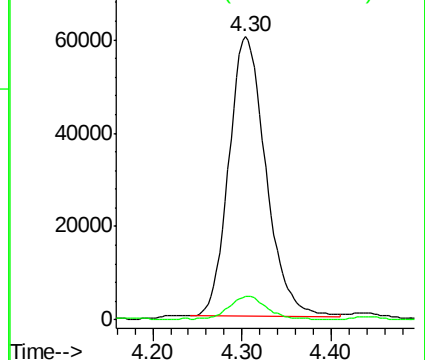
43 100

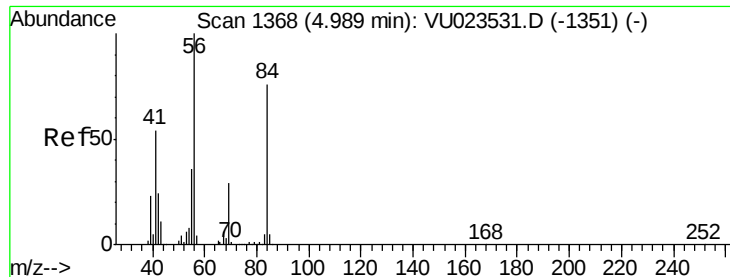
57 7.9 0.0 15.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

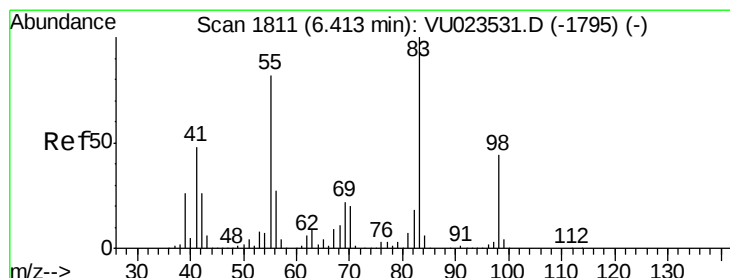
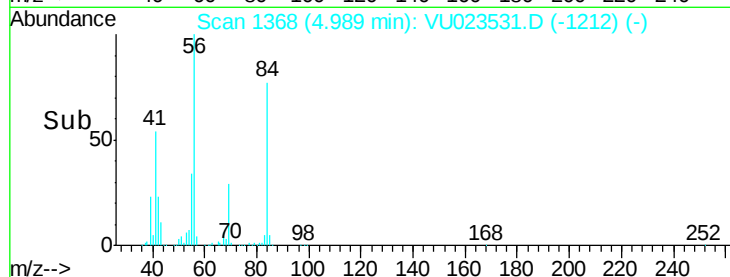
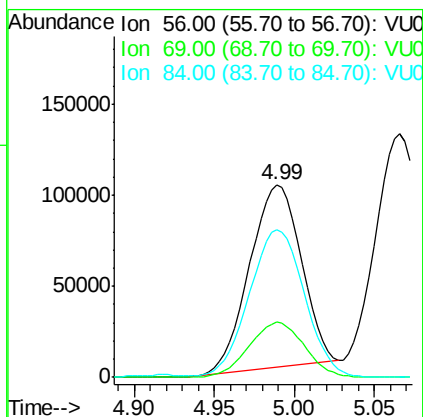
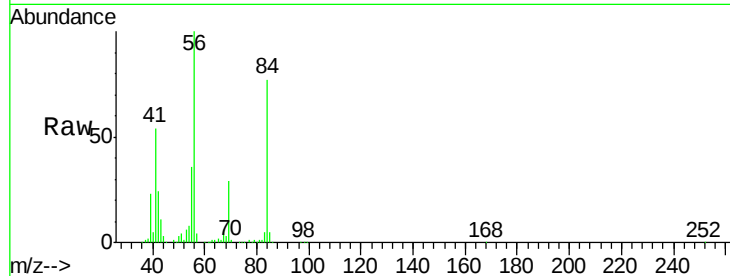




#19
Cyclohexane
Concen: 11.83 ug/l
RT: 4.99 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

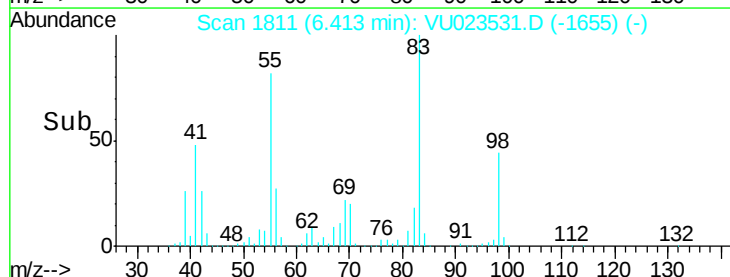
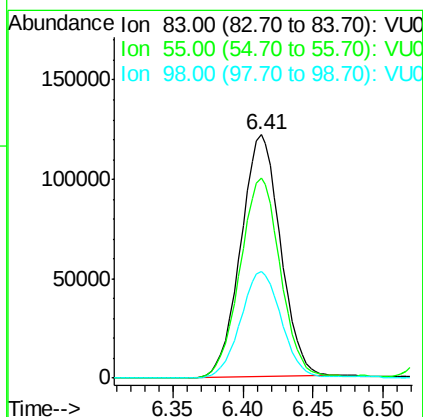
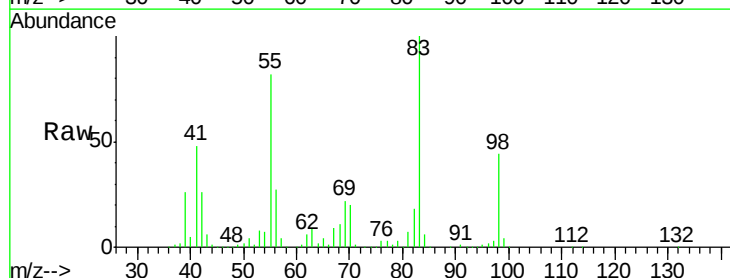
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

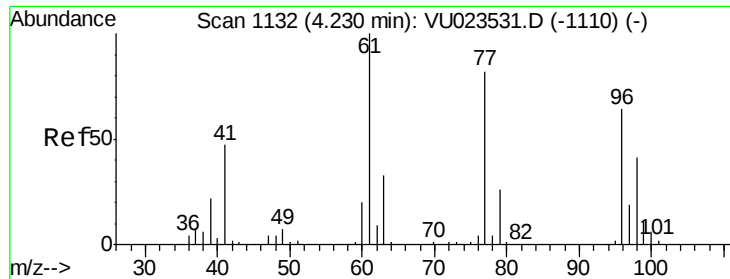
Tgt Ion: 56 Resp: 223521
Ion Ratio Lower Upper
56 100
69 32.5 26.0 39.0
84 85.4 68.3 102.5



#20
Methylcyclohexane
Concen: 10.98 ug/l
RT: 6.41 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Tgt Ion: 83 Resp: 240207
Ion Ratio Lower Upper
83 100
55 83.0 66.4 99.6
98 44.3 35.4 53.2

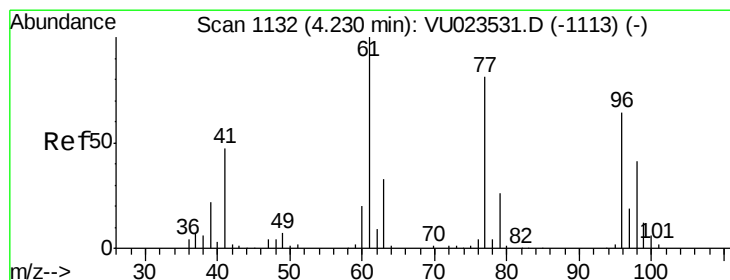
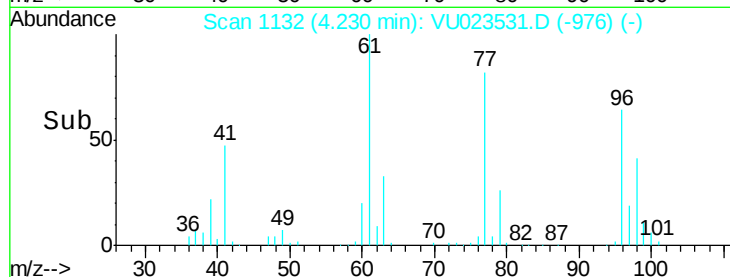
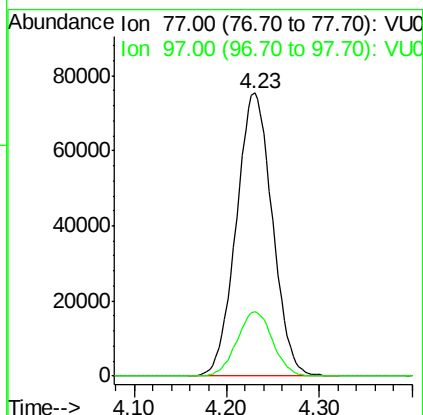
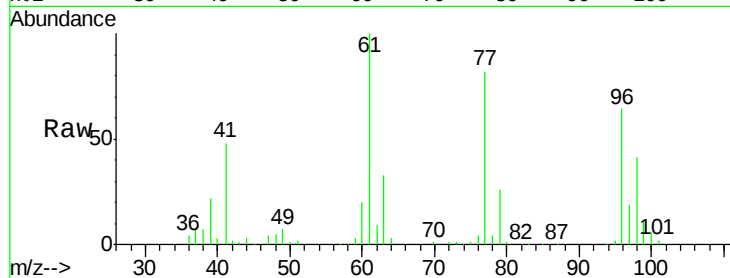




#21
 2,2-Dichloropropane
 Concen: 10.61 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: VU023531.D
 Acq: 30 Apr 2018 16:49

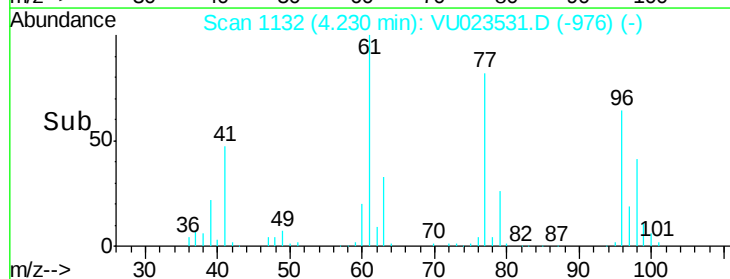
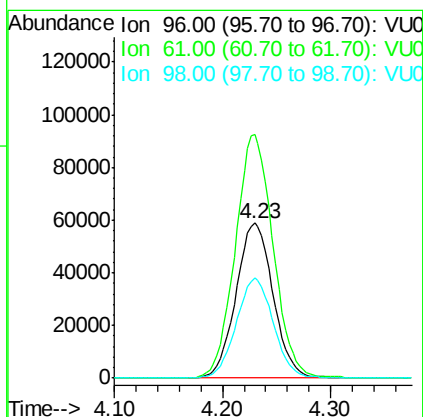
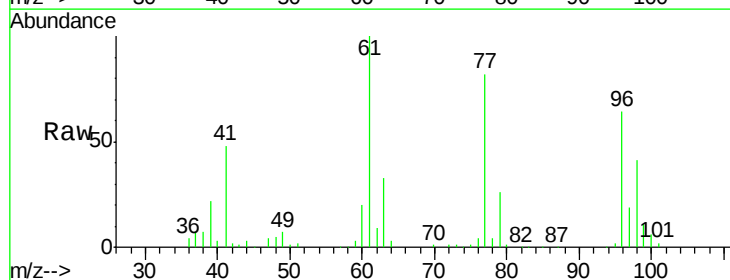
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

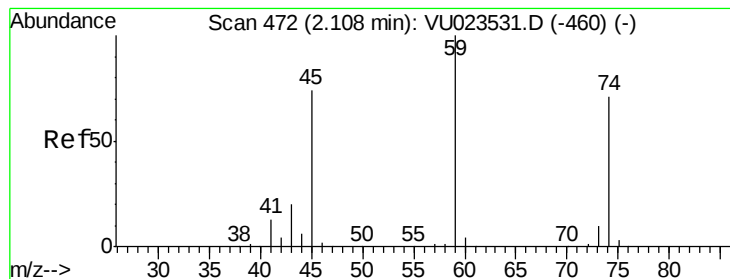
Tgt Ion: 77 Resp: 203342
 Ion Ratio Lower Upper
 77 100
 97 22.4 17.9 26.9



#22
 cis-1,2-Dichloroethene
 Concen: 9.04 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: VU023531.D
 Acq: 30 Apr 2018 16:49

Tgt Ion: 96 Resp: 140877
 Ion Ratio Lower Upper
 96 100
 61 160.2 0.0 400.5
 98 64.4 32.2 96.6





#23

Diethyl Ether

Concen: 9.52 ug/l

RT: 2.11 min Scan# 472

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

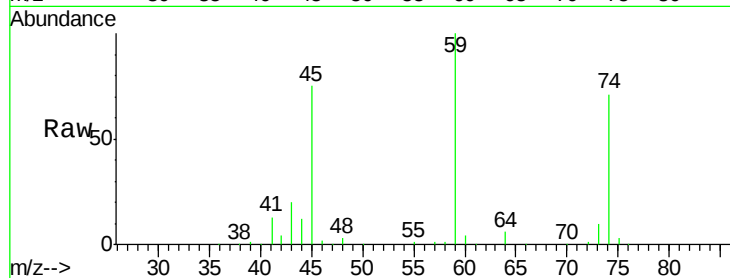
Tgt Ion: 59 Resp: 100664

Ion Ratio Lower Upper

59 100

45 75.0 60.0 90.0

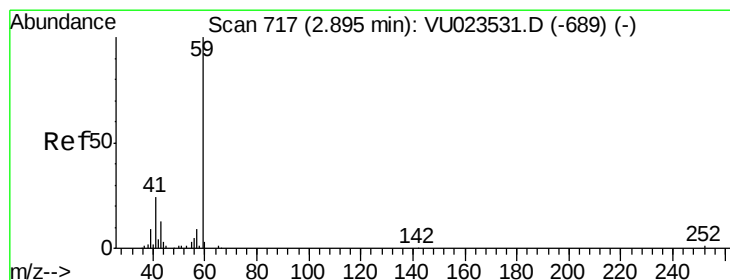
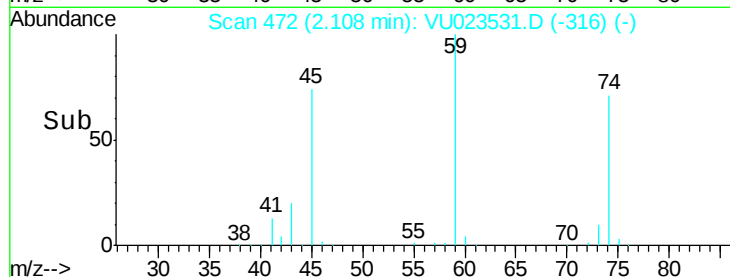
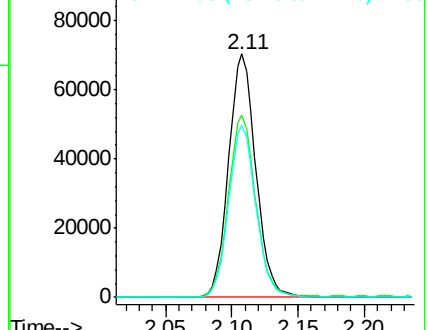
74 70.6 56.5 84.7



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 45.00 (44.70 to 45.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



#24

tert-Butyl Alcohol

Concen: 71.96 ug/l

RT: 2.90 min Scan# 717

Delta R.T. 0.00 min

Lab File: VU023531.D

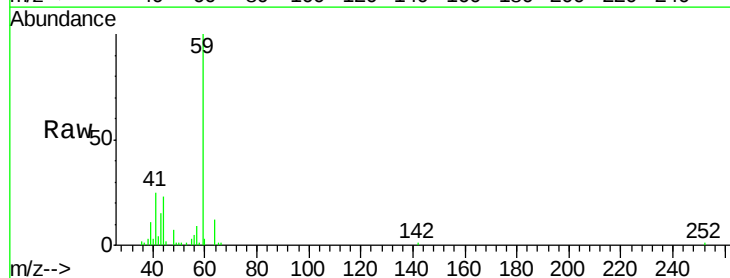
Acq: 30 Apr 2018 16:49

Tgt Ion: 59 Resp: 74149

Ion Ratio Lower Upper

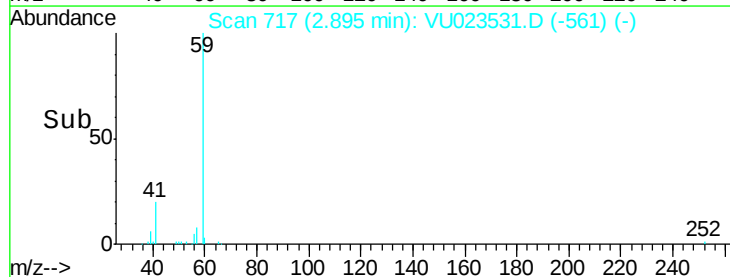
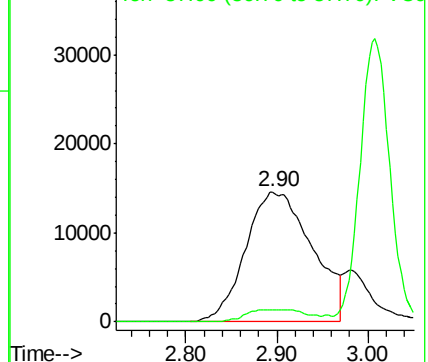
59 100

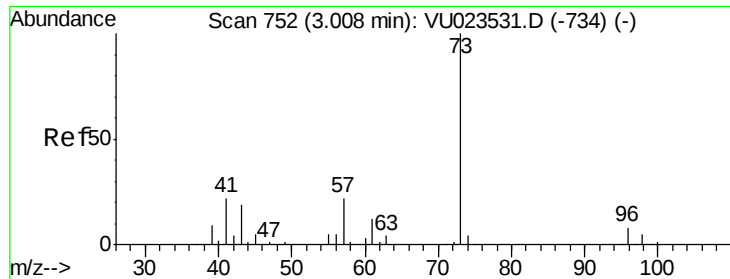
57 4.3 3.4 5.2



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#25

Methyl tert-Butyl Ether

Concen: 9.40 ug/l

RT: 3.01 min Scan# 752

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

Instrument :

MSVOA_U

ClientSampleId :

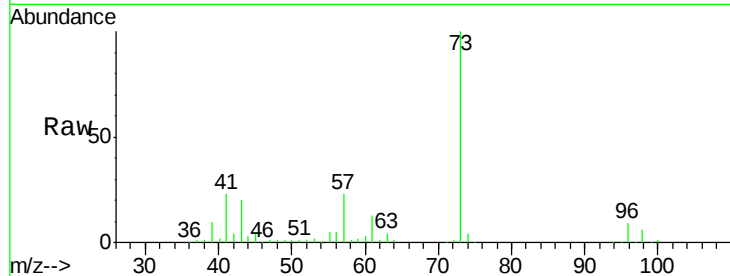
VSTDICCC010

Tgt Ion: 73 Resp: 308346

Ion Ratio Lower Upper

73 100

43 20.2 16.2 24.2



Abundance Ion 73.00 (72.70 to 73.70): VU023531.D (-734) (-)

Ion 43.00 (42.70 to 43.70): VU023531.D (-734) (-)

3.01

150000

100000

50000

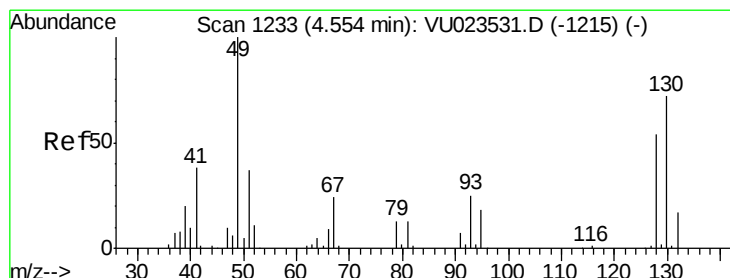
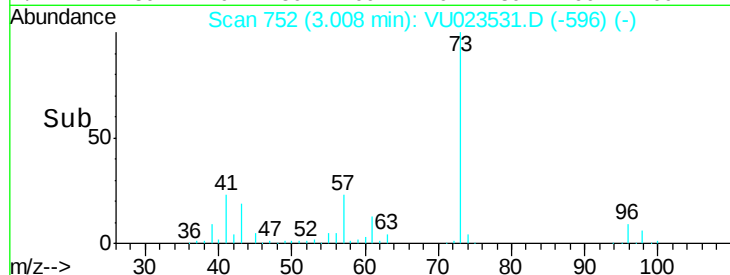
0

Time-->

2.90

3.00

3.10



#26

Bromochloromethane

Concen: 8.03 ug/l

RT: 4.55 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

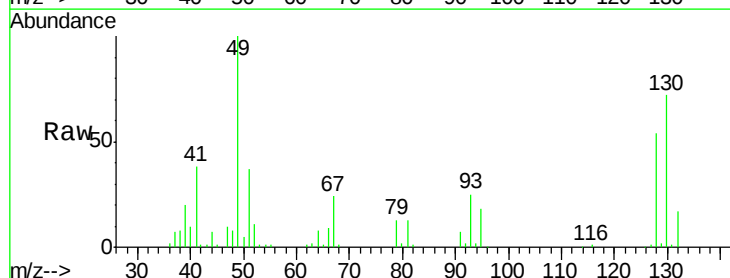
Tgt Ion: 128 Resp: 54909

Ion Ratio Lower Upper

128 100

49 187.6 0.0 375.2

130 132.2 105.8 158.6



Abundance Ion 128.00 (127.70 to 128.70): VU023531.D (-1215) (-)

Ion 49.00 (48.70 to 49.70): VU023531.D (-1215) (-)

Ion 130.00 (129.70 to 130.70): VU023531.D (-1215) (-)

4.55

60000

50000

40000

30000

20000

10000

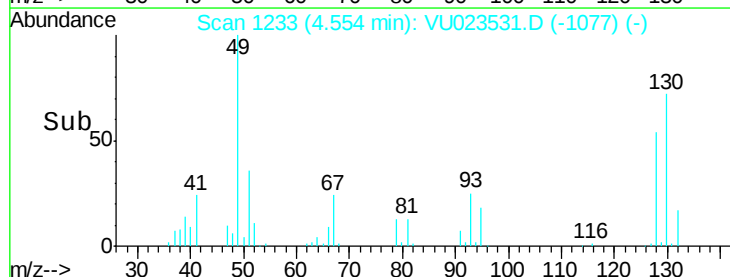
0

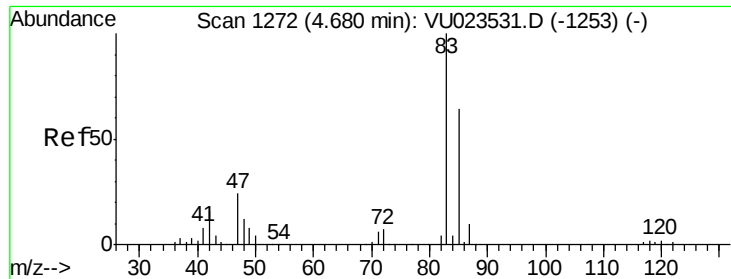
Time-->

4.50

4.60

4.70

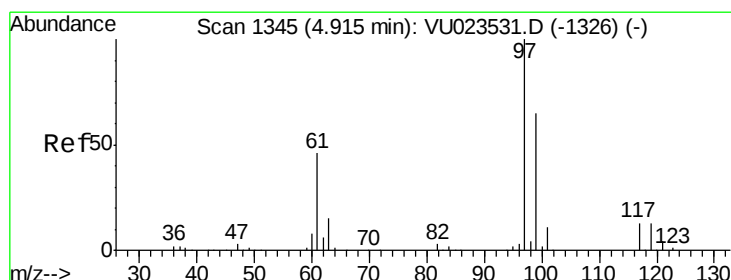
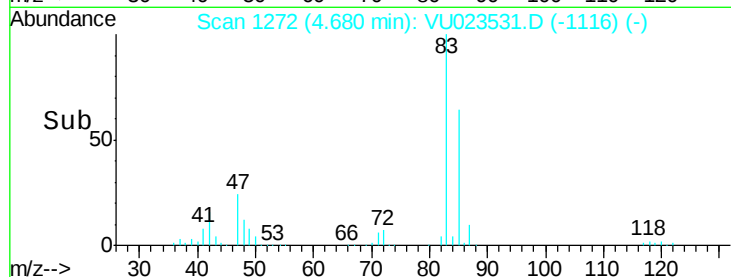
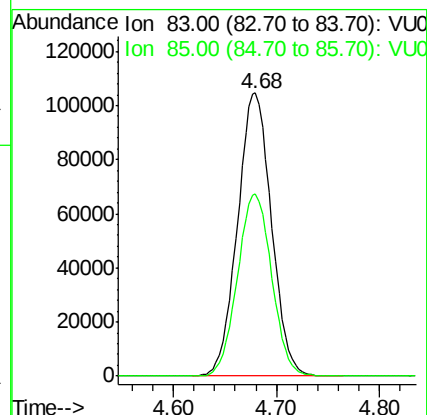
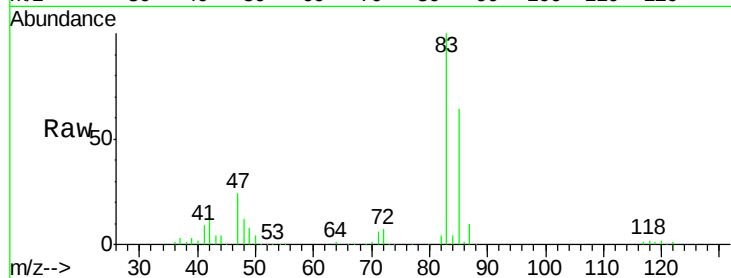




#27
Chloroform
Concen: 9.18 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

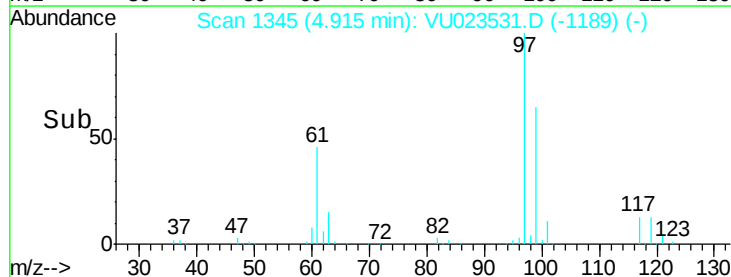
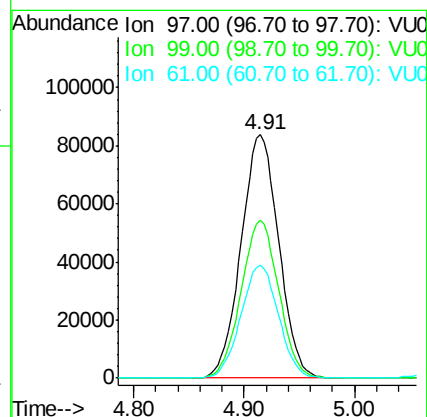
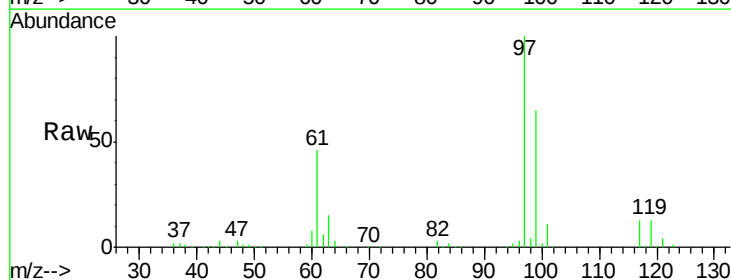
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

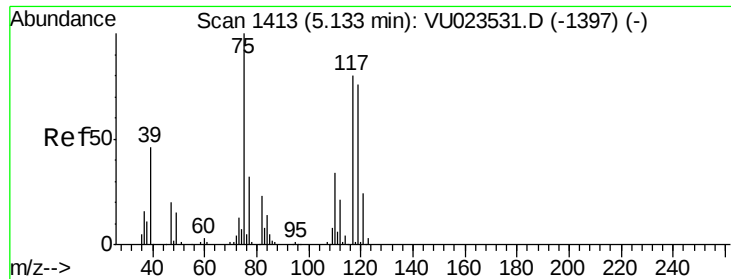
Tgt Ion: 83 Resp: 239650
Ion Ratio Lower Upper
83 100
85 64.2 0.0 128.4



#28
1,1,1-Trichloroethane
Concen: 9.89 ug/l
RT: 4.91 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Tgt Ion: 97 Resp: 198652
Ion Ratio Lower Upper
97 100
99 64.6 32.3 96.9
61 46.3 23.2 69.5

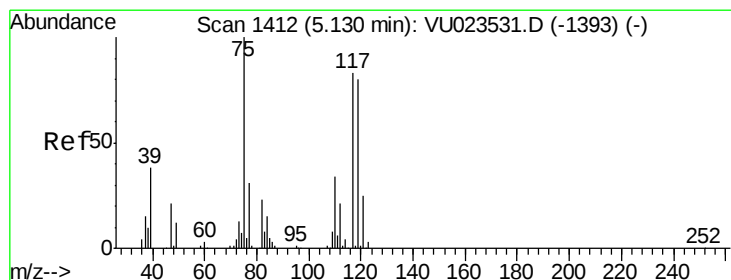
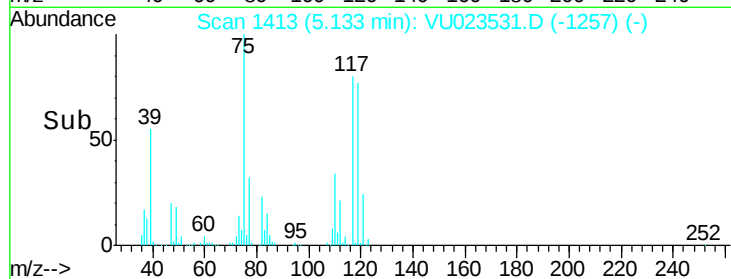
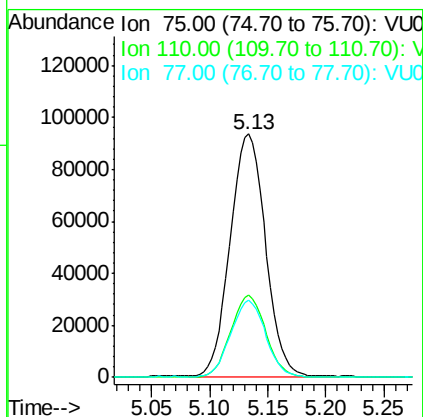
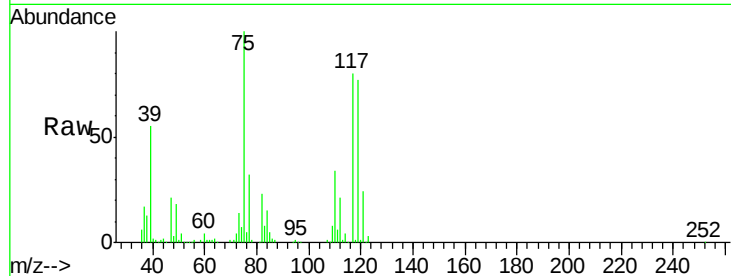




#29
 1,1-Dichloropropene
 Concen: 9.94 ug/l
 RT: 5.13 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: VU023531.D
 Acq: 30 Apr 2018 16:49

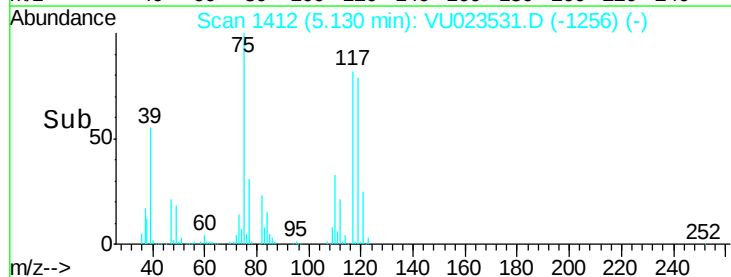
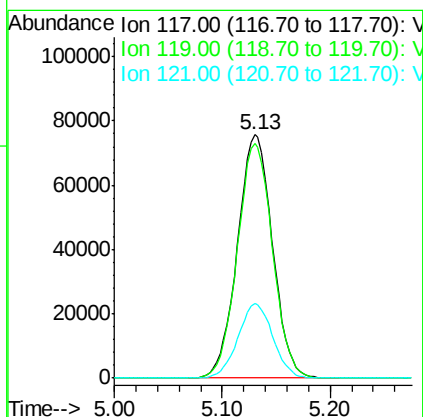
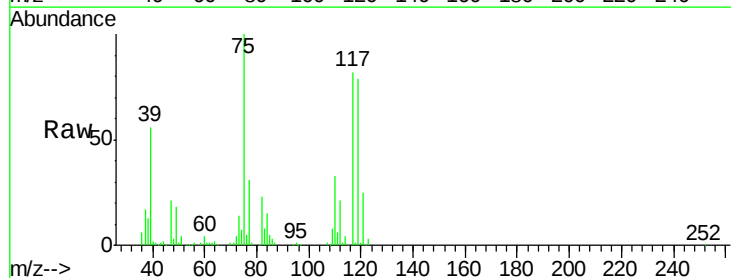
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

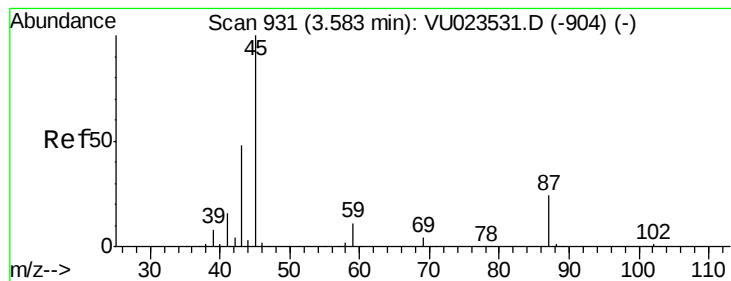
Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.8	16.9	50.7
77	31.0	24.8	37.2



#30
 Carbon Tetrachloride
 Concen: 10.16 ug/l
 RT: 5.13 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: VU023531.D
 Acq: 30 Apr 2018 16:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.3	115.9
121	30.6	24.5	36.7





#31

Isopropyl Ether

Concen: 10.85 ug/l

RT: 3.58 min Scan# 931

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

Instrument :

MSVOA_U

ClientSampleId :

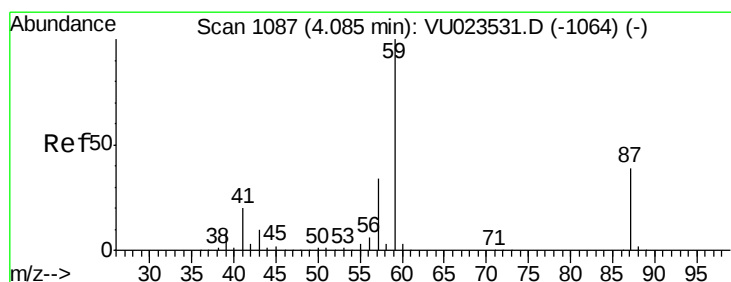
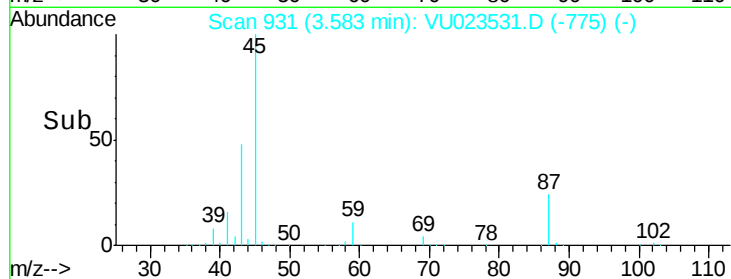
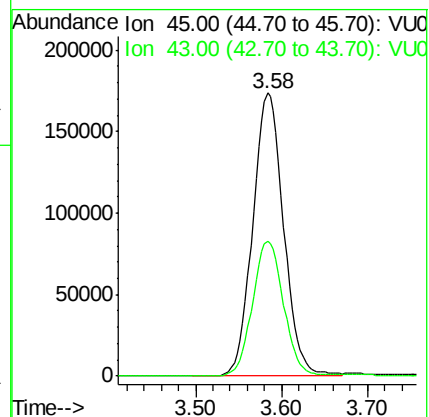
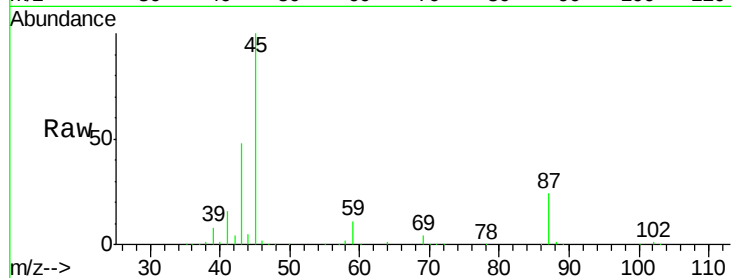
VSTDICCC010

Tgt Ion: 45 Resp: 433749

Ion Ratio Lower Upper

45 100

43 48.0 24.0 72.0



#32

Ethyl-t-butyl ether

Concen: 10.43 ug/l

RT: 4.09 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VU023531.D

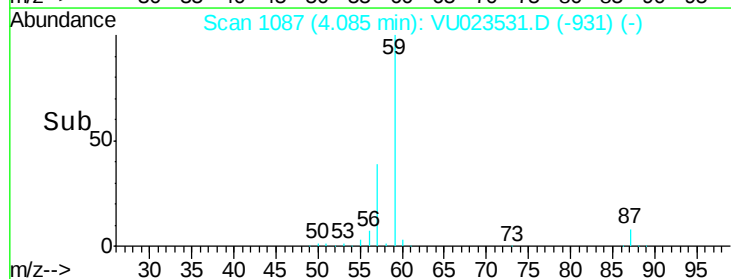
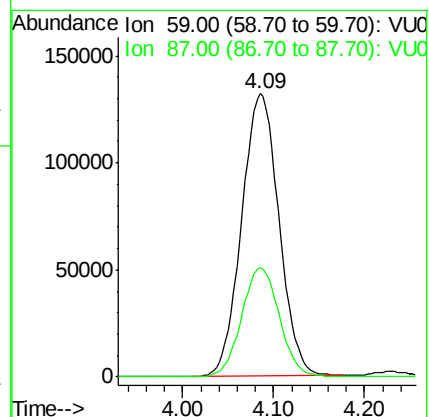
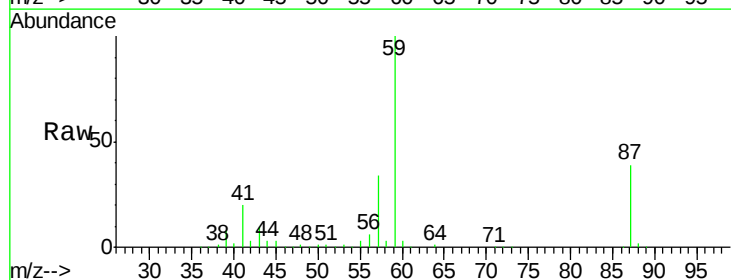
Acq: 30 Apr 2018 16:49

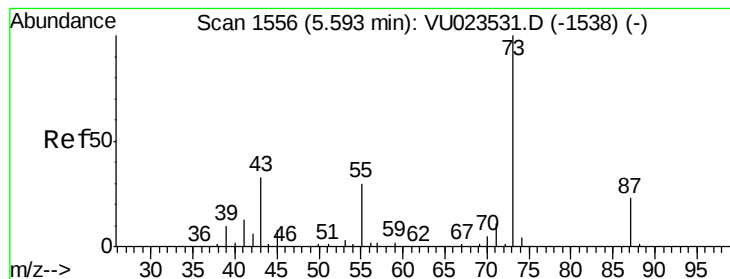
Tgt Ion: 59 Resp: 376018

Ion Ratio Lower Upper

59 100

87 38.8 31.0 46.6



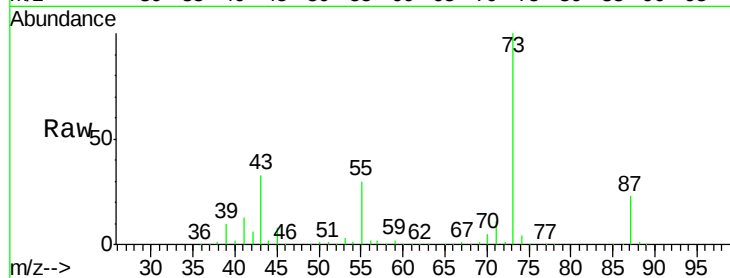


#33

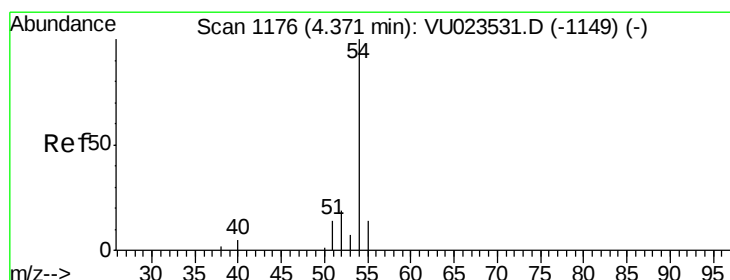
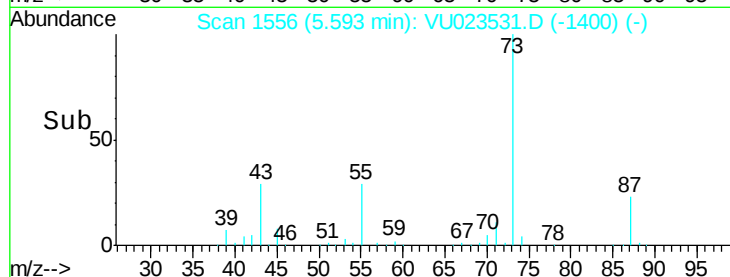
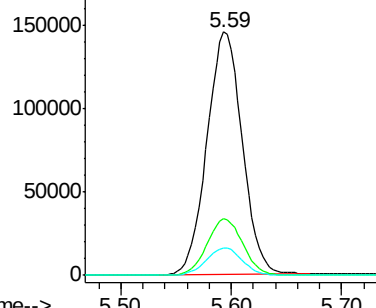
Tert-Amyl methyl ether
Concen: 10.31 ug/l
RT: 5.59 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 73 Resp: 322043
Ion Ratio Lower Upper
73 100
87 23.3 18.6 28.0
71 11.6 9.3 13.9



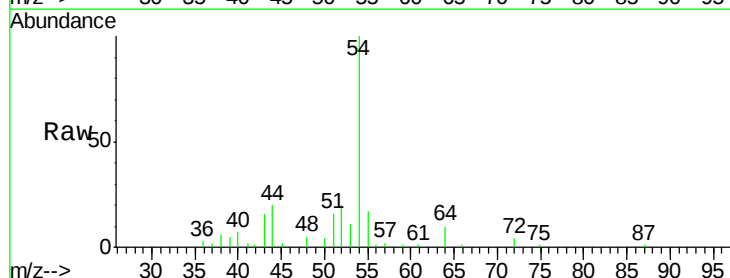
Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0



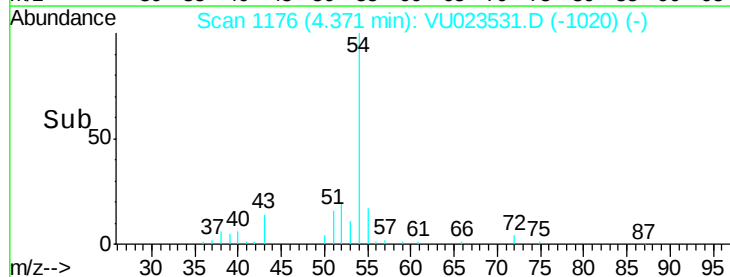
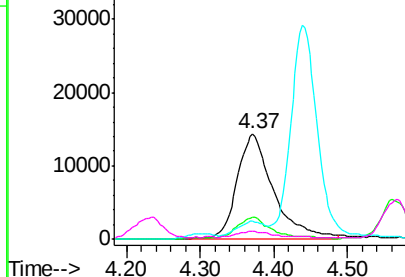
#34

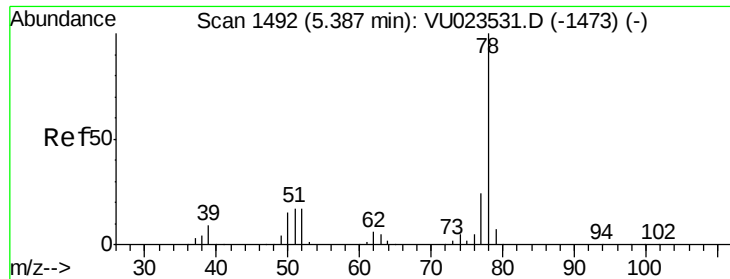
Propionitrile
Concen: 45.58 ug/l
RT: 4.37 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Tgt Ion: 54 Resp: 49345
Ion Ratio Lower Upper
54 100
52 17.1 13.7 20.5
55 12.7 10.2 15.2
40 4.4 3.5 5.3



Abundance Ion 54.00 (53.70 to 54.70): VU0
Ion 52.00 (51.70 to 52.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 40.00 (39.70 to 40.70): VU0





#35

Benzene

Concen: 10.06 ug/l

RT: 5.39 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

Instrument :

MSVOA_U

ClientSampleId :

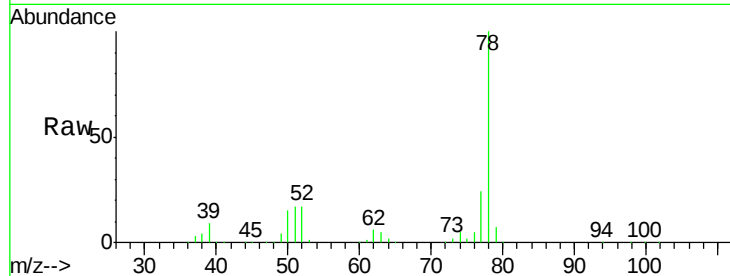
VSTDICCC010

Tgt Ion: 78 Resp: 602292

Ion Ratio Lower Upper

78 100

77 23.9 19.1 28.7



Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0

5.39

300000

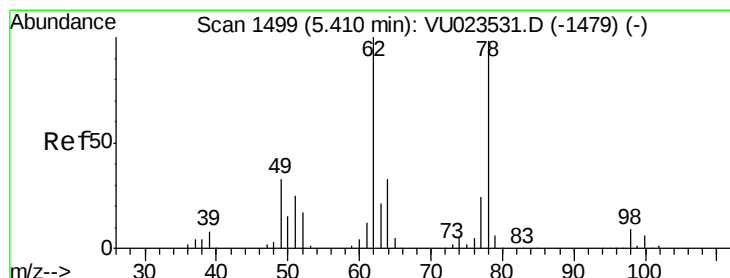
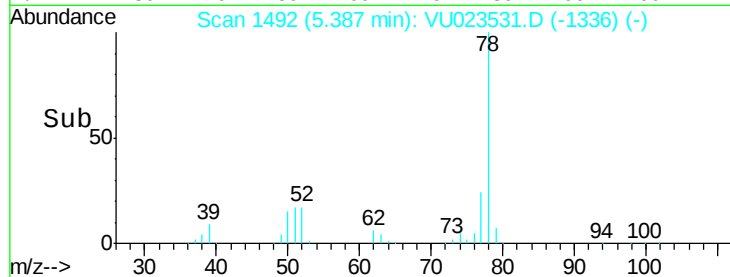
200000

100000

0

5.30 5.40 5.50

Time-->



#36

1,2-Dichloroethane

Concen: 10.41 ug/l

RT: 5.41 min Scan# 1499

Delta R.T. 0.00 min

Lab File: VU023531.D

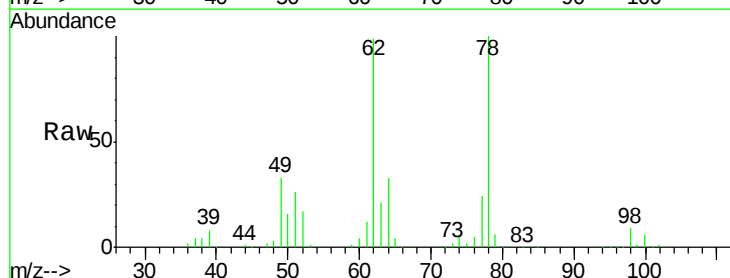
Acq: 30 Apr 2018 16:49

Tgt Ion: 62 Resp: 165331

Ion Ratio Lower Upper

62 100

98 9.0 7.2 10.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

5.41

80000

60000

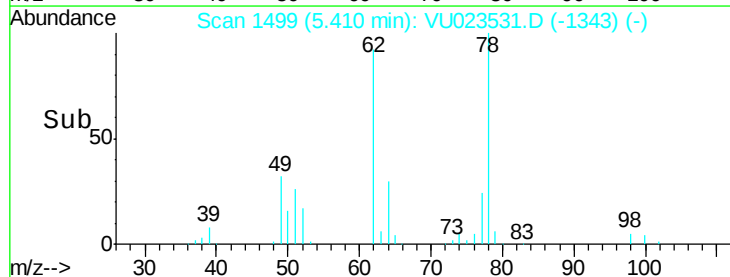
40000

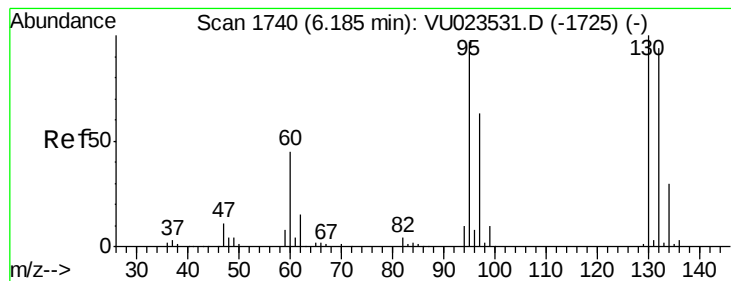
20000

0

5.30 5.40 5.50

Time-->





#37

Trichloroethene

Concen: 9.76 ug/l

RT: 6.18 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

Instrument :

MSVOA_U

ClientSampleId :

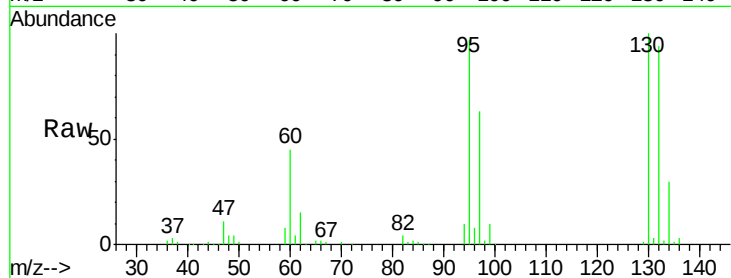
VSTDICCC010

Tgt Ion:130 Resp: 155810

Ion Ratio Lower Upper

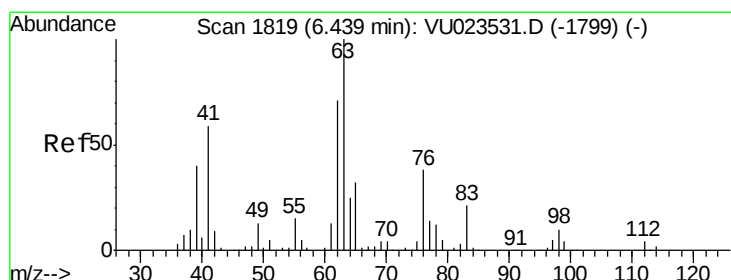
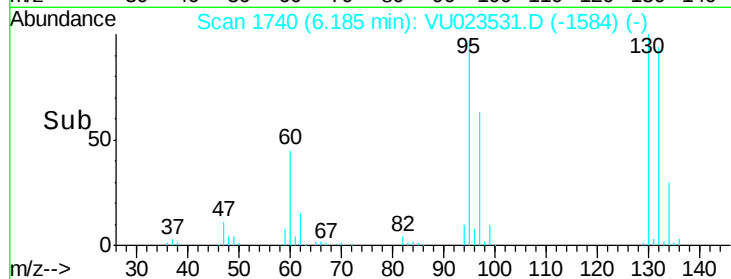
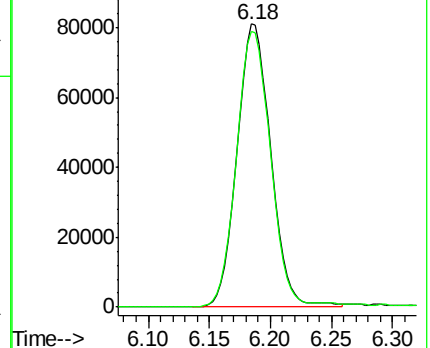
130 100

95 97.4 77.9 116.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VU0



#38

1,2-Dichloropropane

Concen: 10.70 ug/l

RT: 6.44 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VU023531.D

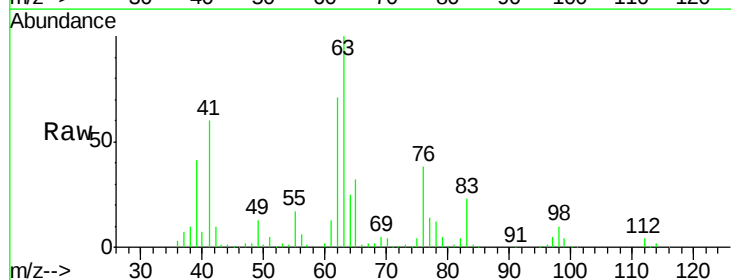
Acq: 30 Apr 2018 16:49

Tgt Ion: 63 Resp: 162961

Ion Ratio Lower Upper

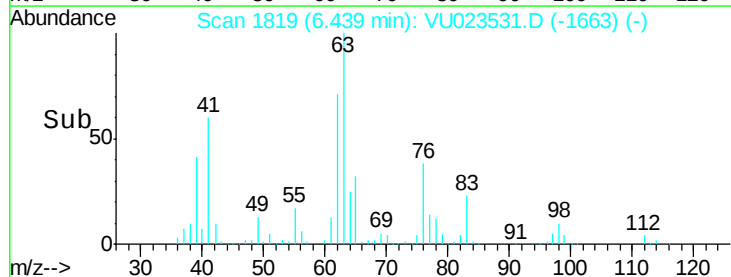
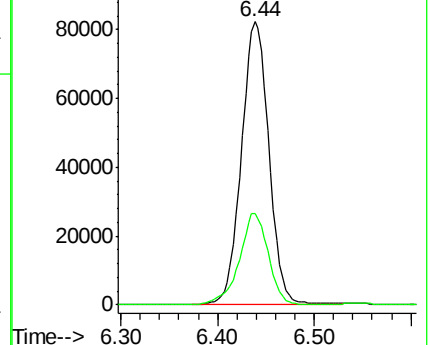
63 100

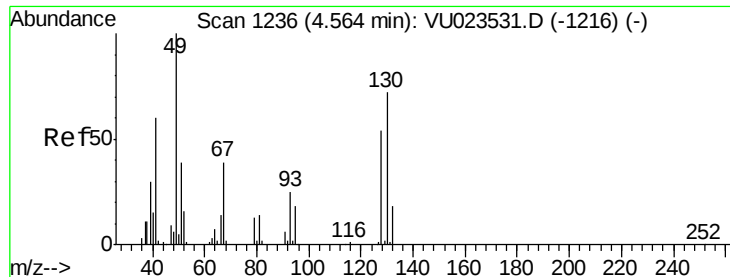
65 32.3 25.8 38.8



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 65.00 (64.70 to 65.70): VU0

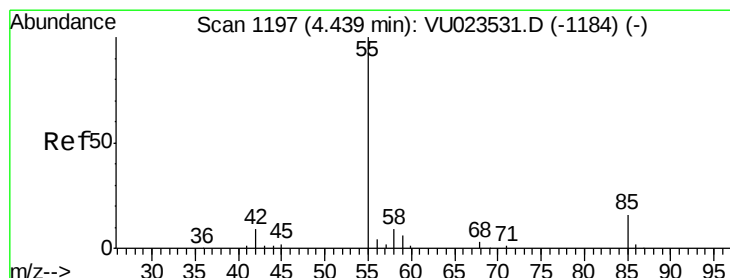
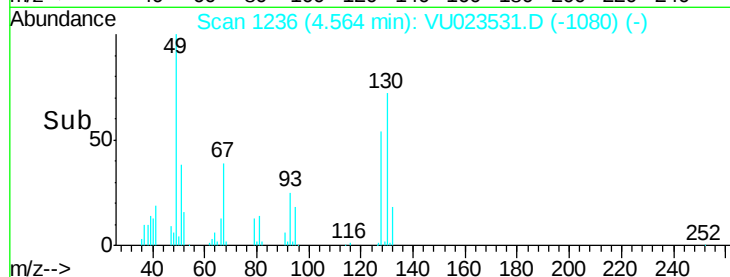
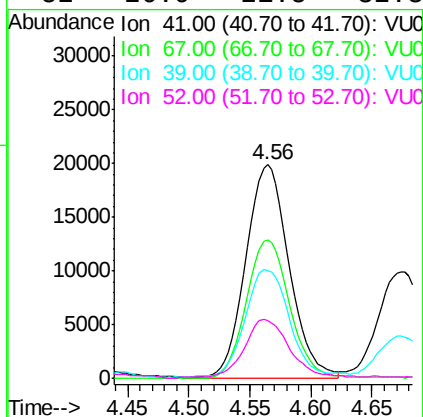
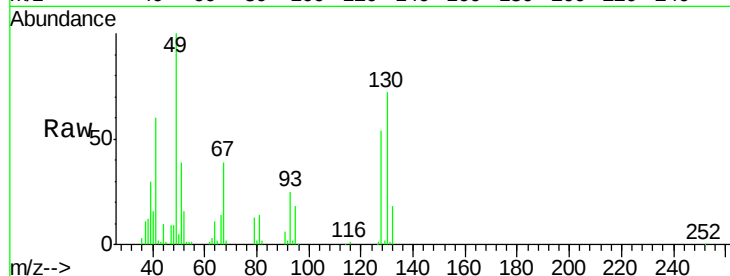




#39
Methacrylonitrile
Concen: 10.91 ug/l
RT: 4.56 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

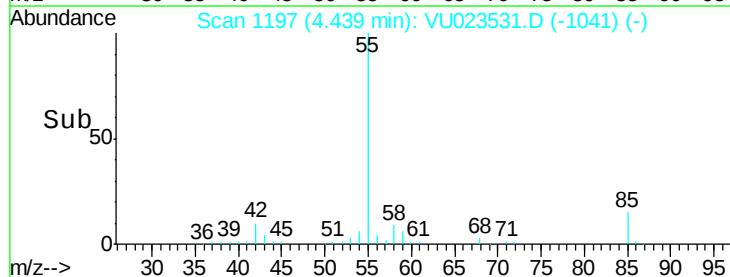
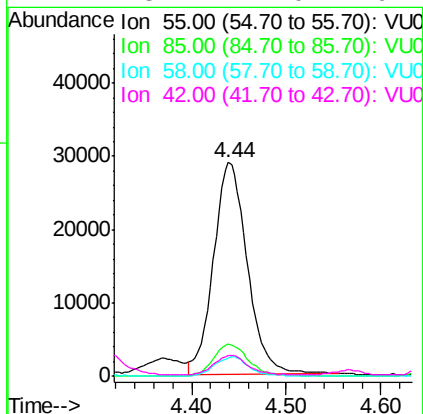
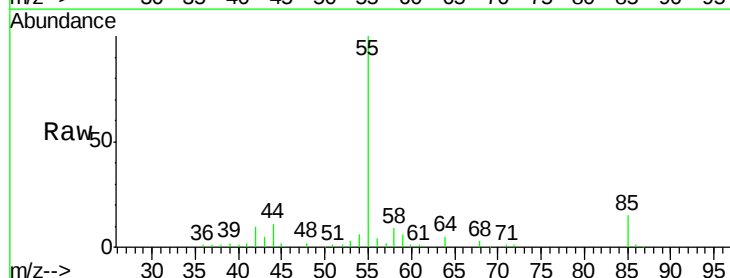
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

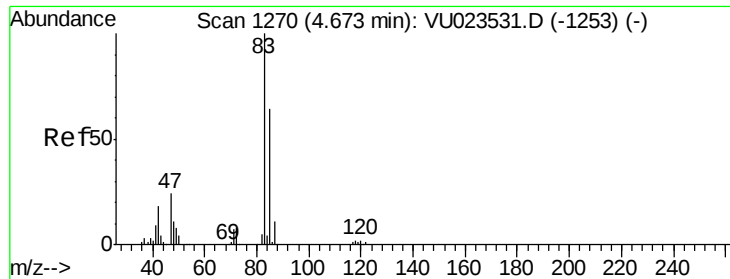
Tgt Ion:	41	Resp:	48977
Ion	Ratio	Lower	Upper
41	100		
67	64.1	51.3	76.9
39	50.7	40.6	60.8
52	26.9	21.5	32.3



#40
Methyl acrylate
Concen: 10.63 ug/l
RT: 4.44 min Scan# 1197
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Tgt Ion:	55	Resp:	72173
Ion	Ratio	Lower	Upper
55	100		
85	15.4	12.3	18.5
58	8.8	7.0	10.6
42	8.7	7.0	10.4

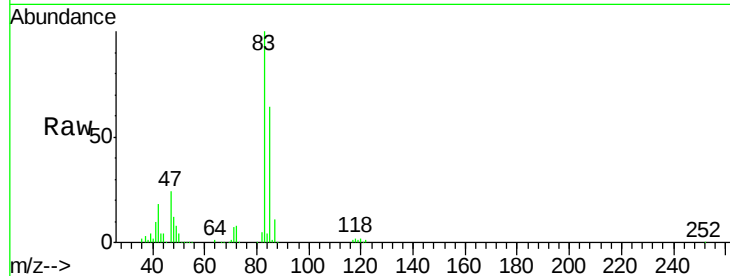




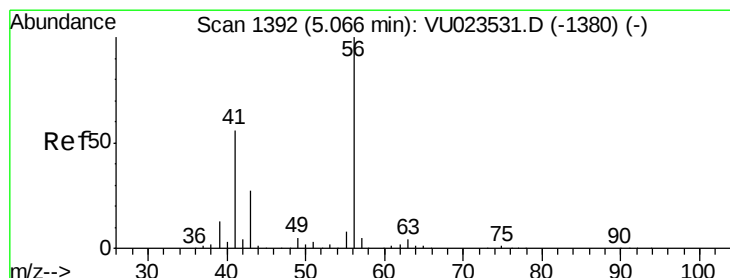
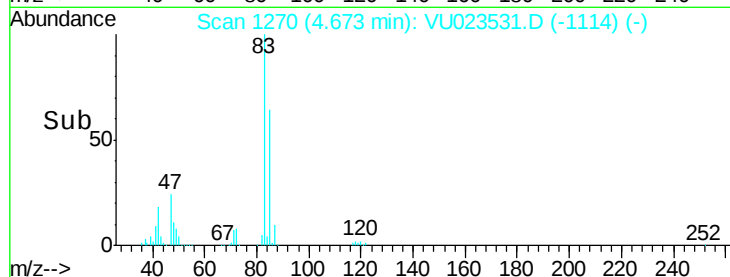
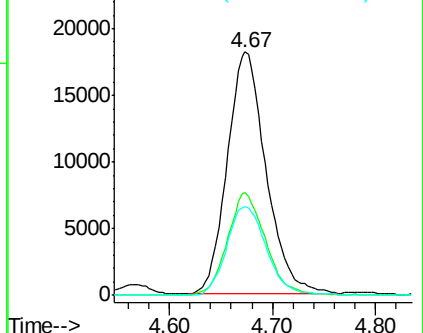
#41
Tetrahydrofuran
Concen: 18.97 ug/l
RT: 4.67 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 42 Resp: 47534
Ion Ratio Lower Upper
42 100
72 41.5 33.2 49.8
71 37.3 29.8 44.8

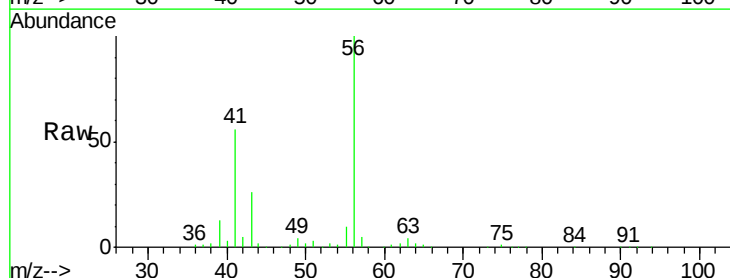


Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

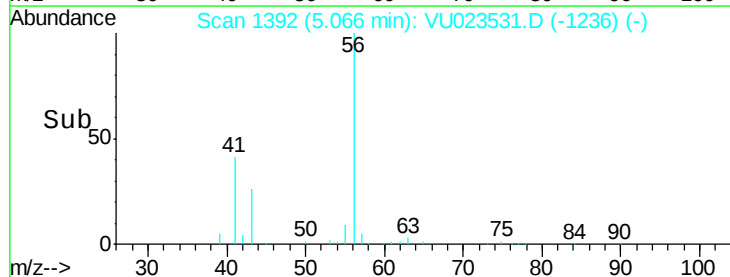
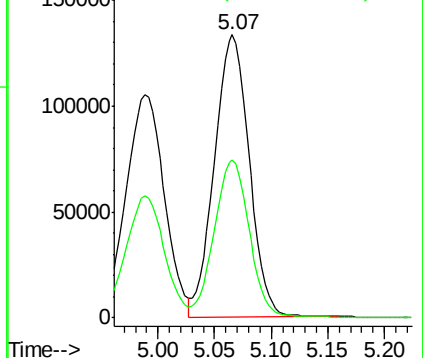


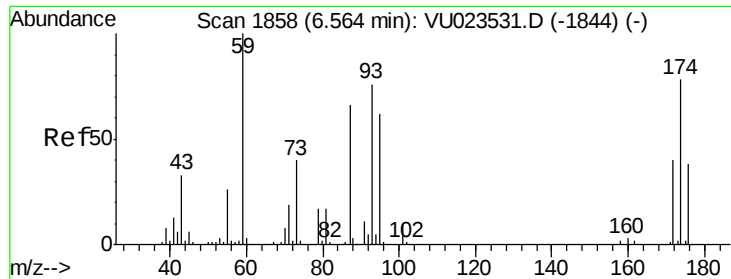
#42
1-Chlorobutane
Concen: 10.71 ug/l
RT: 5.07 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Tgt Ion: 56 Resp: 285113
Ion Ratio Lower Upper
56 100
41 55.0 27.5 82.5



Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 9.63 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

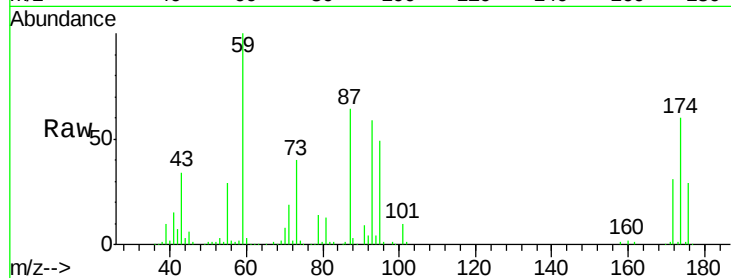
Tgt Ion: 93 Resp: 69489

Ion Ratio Lower Upper

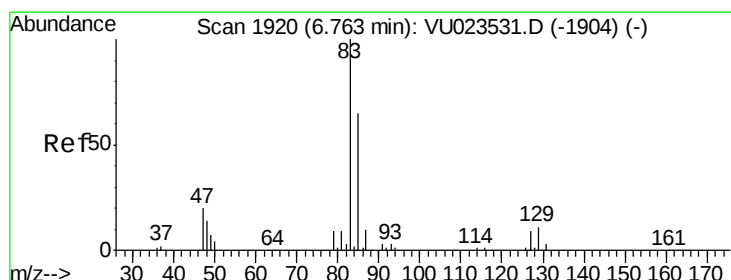
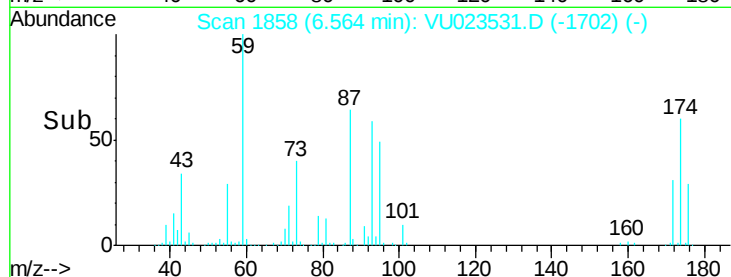
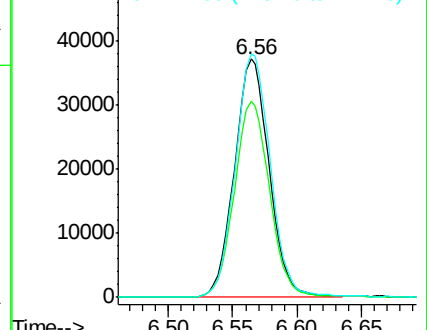
93 100

95 84.0 67.2 100.8

174 103.5 82.8 124.2



Abundance Ion 93.00 (92.70 to 93.70): VU0
Ion 95.00 (94.70 to 95.70): VU0
Ion 174.00 (173.70 to 174.70): V



#44

Bromodichloromethane

Concen: 10.41 ug/l

RT: 6.76 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

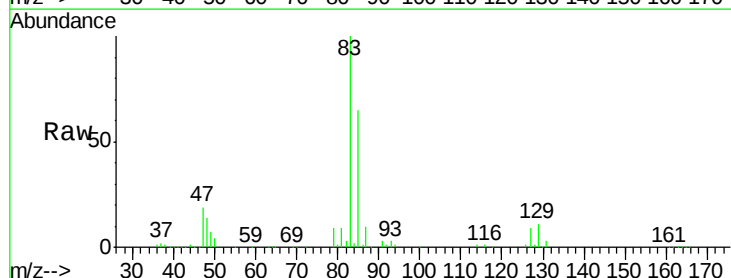
Tgt Ion: 83 Resp: 175607

Ion Ratio Lower Upper

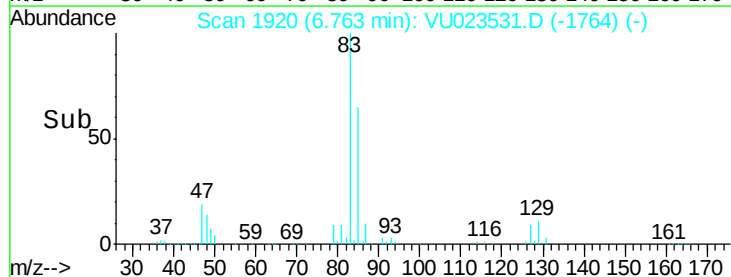
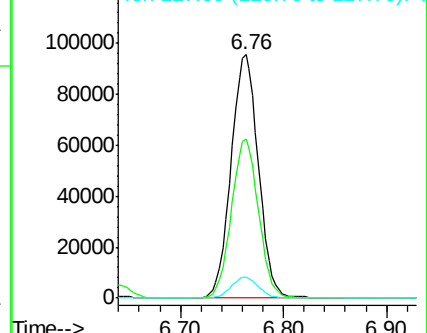
83 100

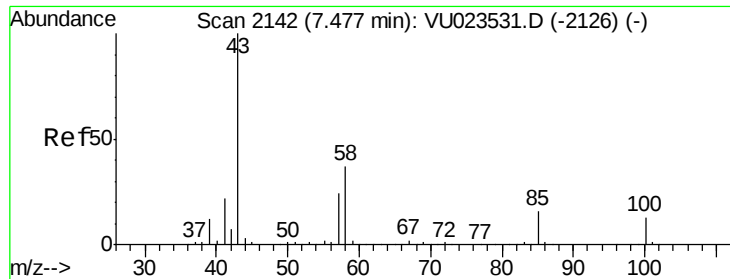
85 65.3 52.2 78.4

127 8.7 7.0 10.4



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 85.00 (84.70 to 85.70): VU0
Ion 127.00 (126.70 to 127.70): V

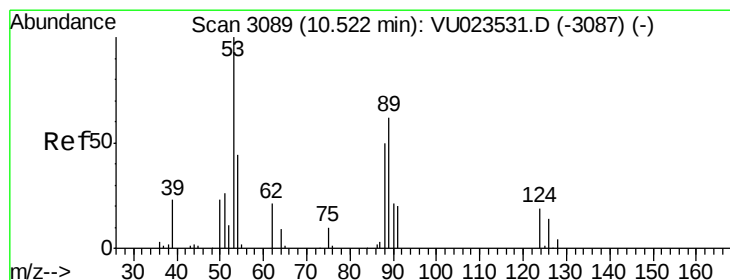
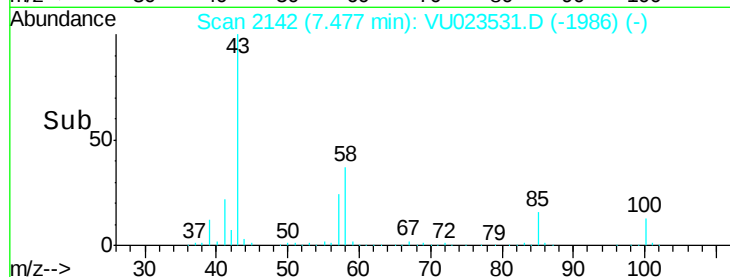
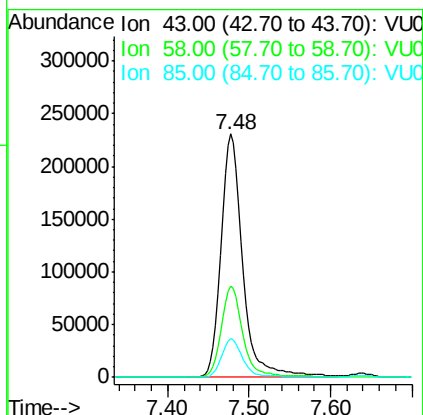
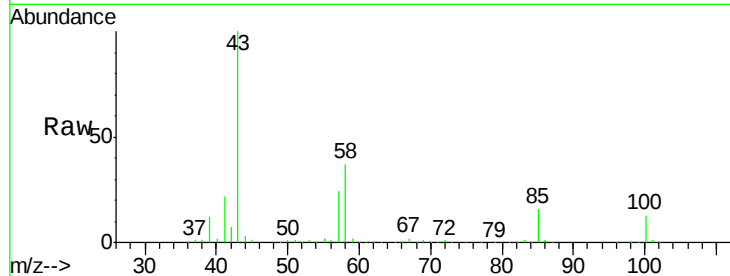




#45
4-Methyl-2-Pentanone
Concen: 52.61 ug/l
RT: 7.48 min Scan# 2142
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

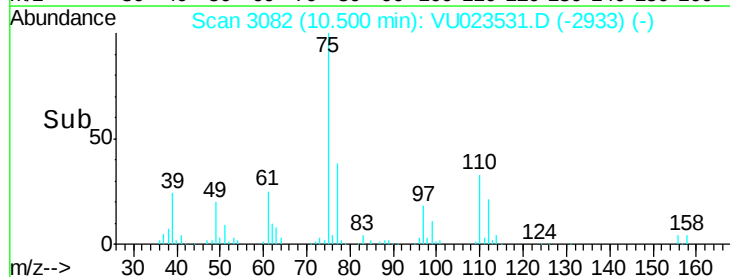
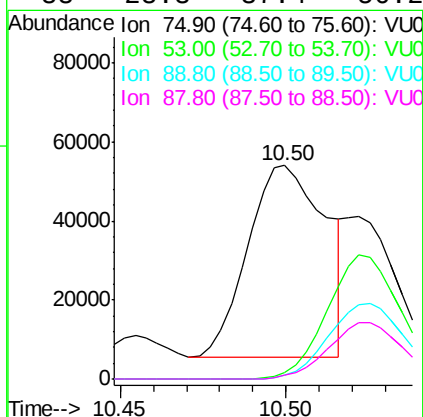
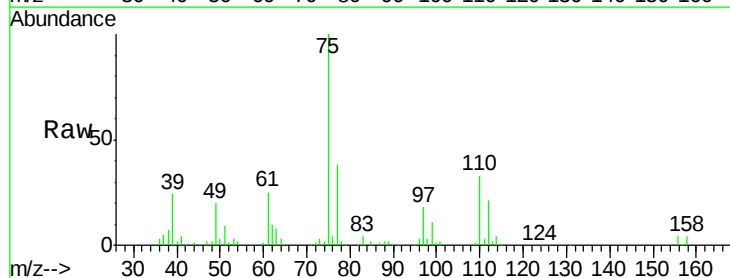
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

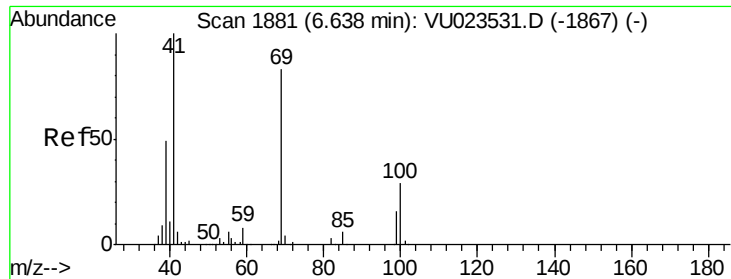
Tgt Ion: 43 Resp: 437079
Ion Ratio Lower Upper
43 100
58 37.6 18.8 56.4
85 15.8 12.6 19.0



#46
t-1,4-Dichloro-2-butene
Concen: 30.52 ug/l
RT: 10.50 min Scan# 3082
Delta R.T. -0.02 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Tgt Ion: 75 Resp: 79063
Ion Ratio Lower Upper
75 100
53 62.2 82.2 123.4#
89 38.8 51.3 76.9#
88 28.3 37.4 56.2#

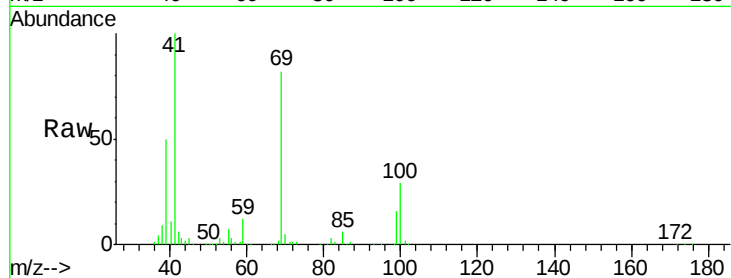




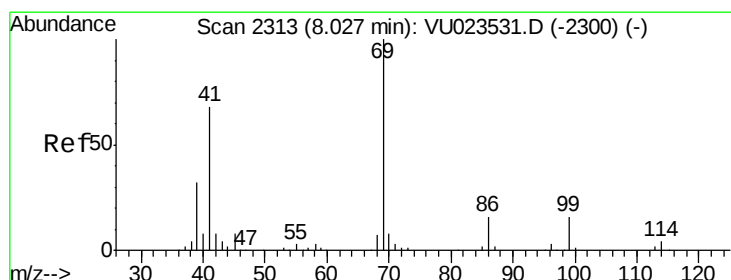
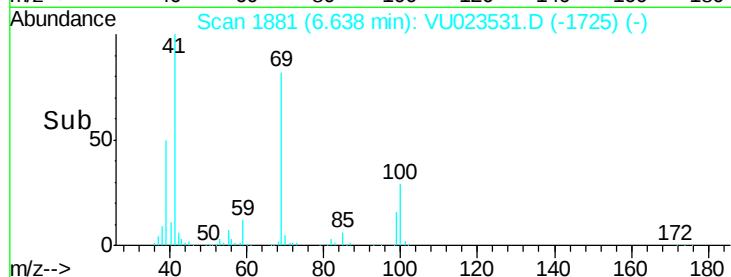
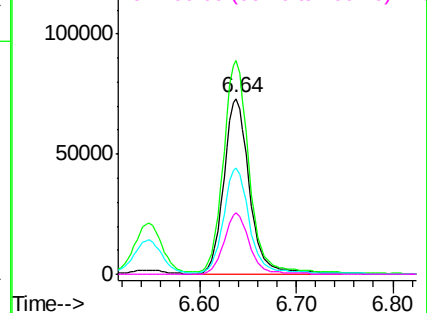
#47
Methyl methacrylate
Concen: 19.66 ug/l
RT: 6.64 min Scan# 1881
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 69 Resp: 134552
Ion Ratio Lower Upper
69 100
41 122.7 0.0 245.4
39 61.2 49.0 73.4
100 34.8 27.8 41.8

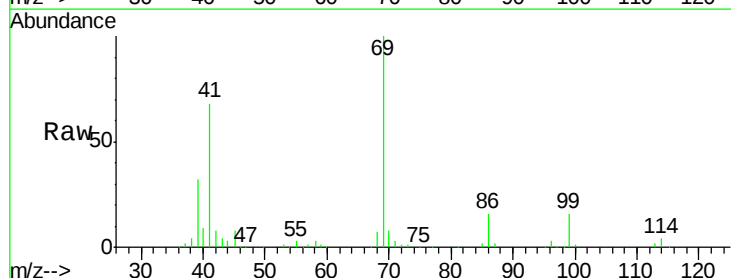


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

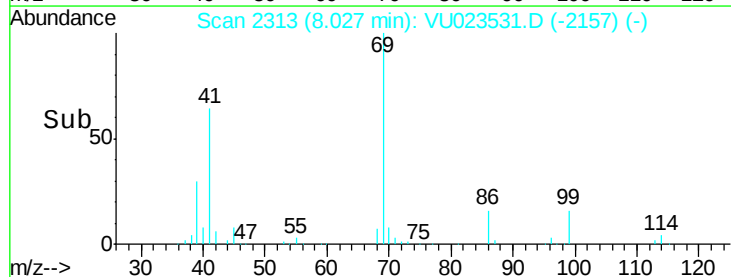
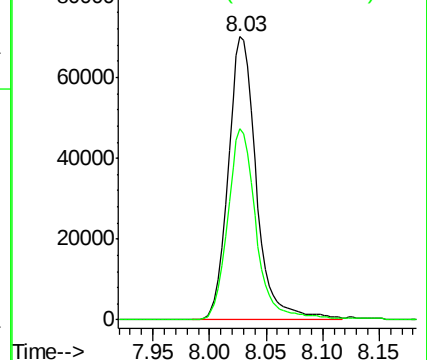


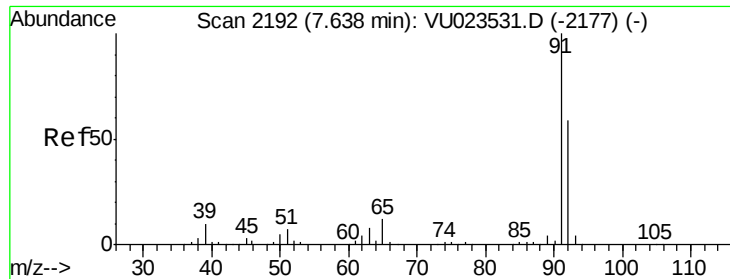
#48
Ethyl methacrylate
Concen: 9.96 ug/l
RT: 8.03 min Scan# 2313
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Tgt Ion: 69 Resp: 121385
Ion Ratio Lower Upper
69 100
41 68.3 34.2 102.5



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





#49

Toluene

Concen: 10.24 ug/l

RT: 7.64 min Scan# 2192

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

Instrument :

MSVOA_U

ClientSampleId :

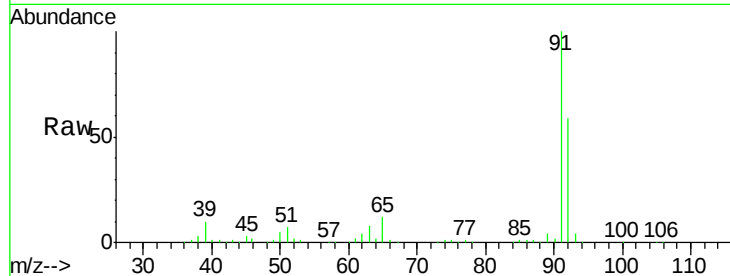
VSTDICCC010

Tgt Ion: 92 Resp: 358863

Ion Ratio Lower Upper

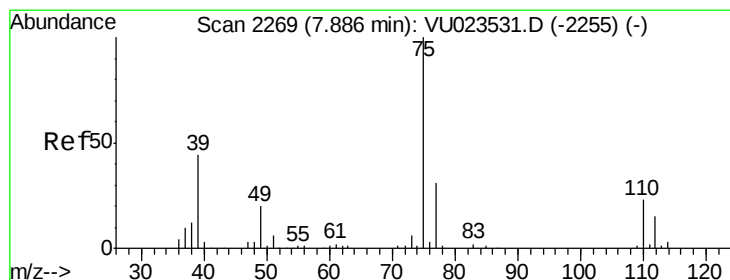
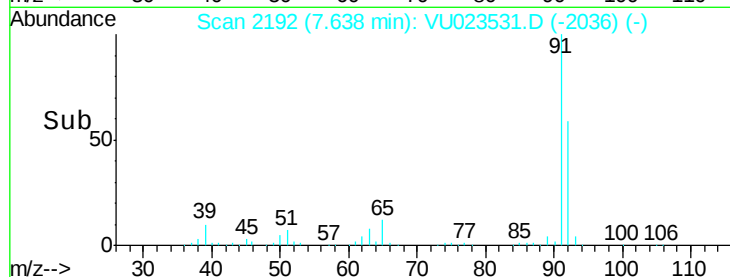
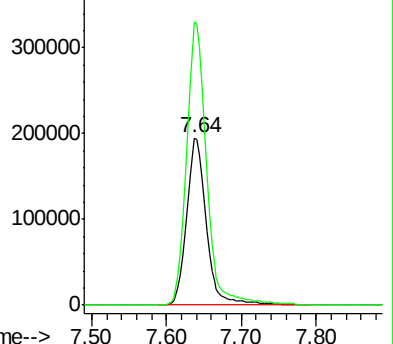
92 100

91 171.4 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#50

t-1,3-Dichloropropene

Concen: 11.12 ug/l

RT: 7.89 min Scan# 2269

Delta R.T. 0.00 min

Lab File: VU023531.D

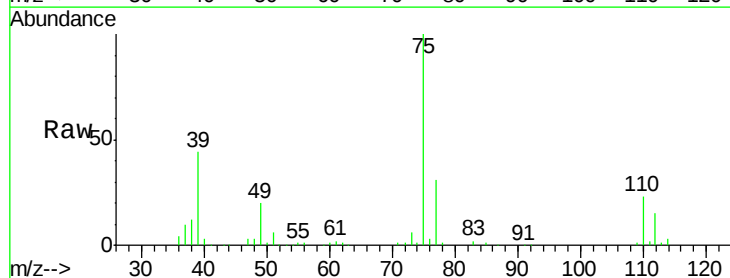
Acq: 30 Apr 2018 16:49

Tgt Ion: 75 Resp: 161368

Ion Ratio Lower Upper

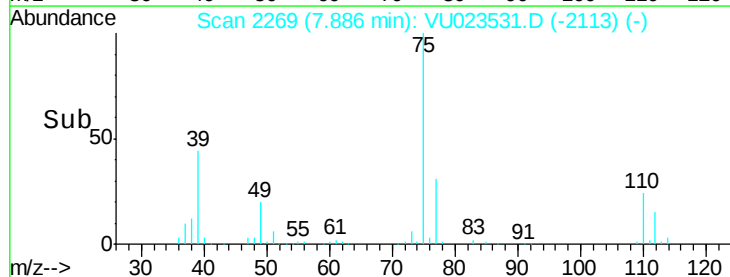
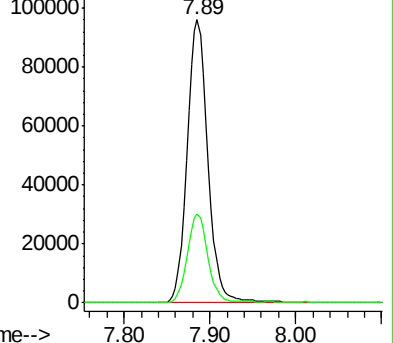
75 100

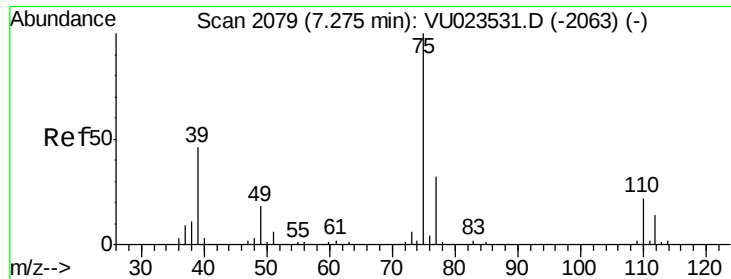
77 31.5 25.2 37.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



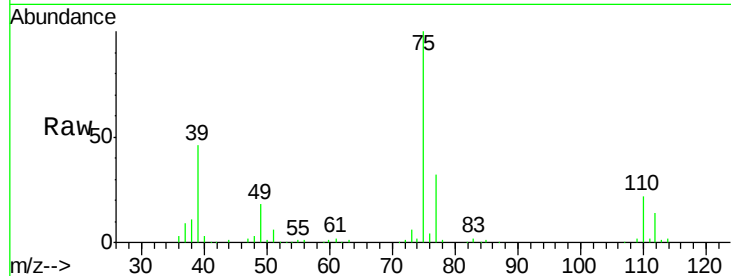


#51

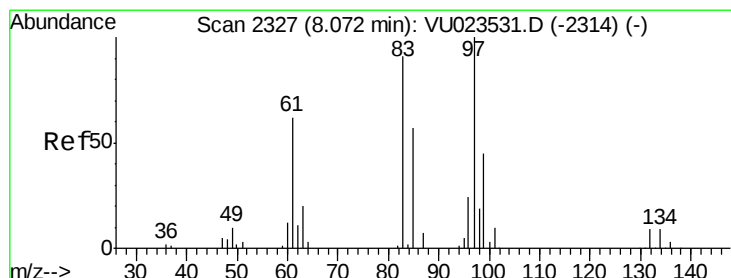
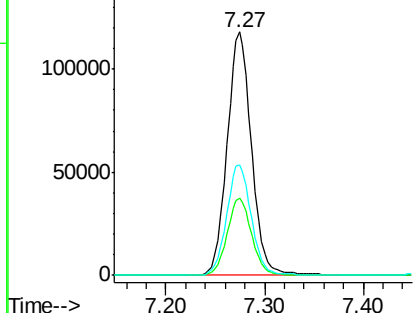
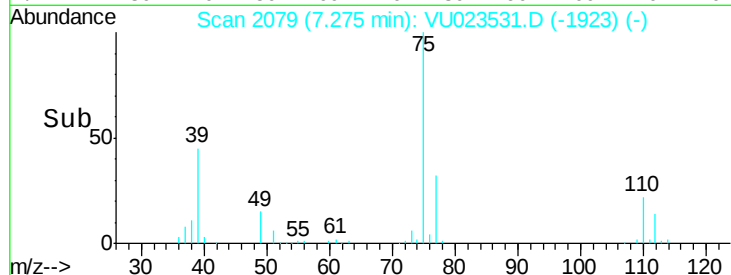
cis-1,3-Dichloropropene
 Concen: 10.93 ug/l
 RT: 7.27 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VU023531.D
 Acq: 30 Apr 2018 16:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 75 Resp: 204171
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.2 37.8
 39 45.5 36.4 54.6



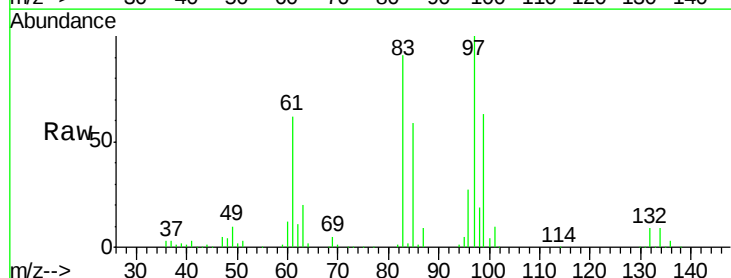
Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0



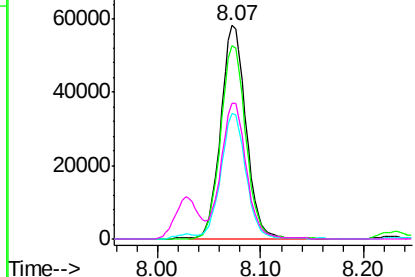
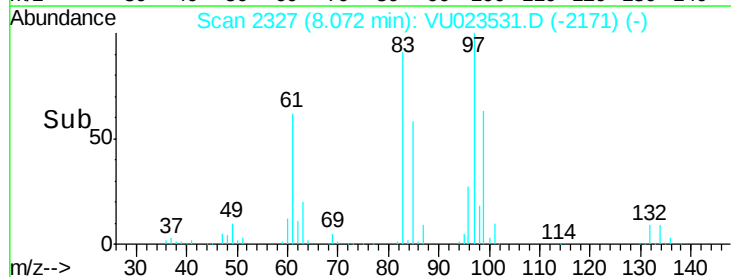
#52

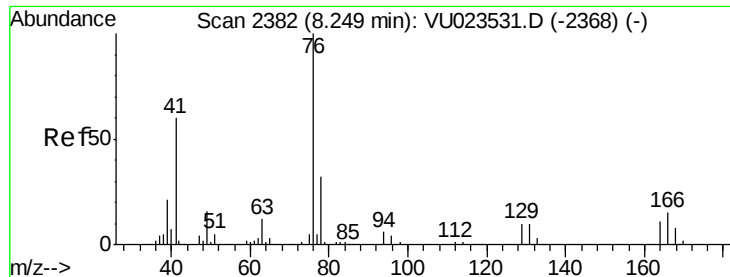
1,1,2-Trichloroethane
 Concen: 9.47 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU023531.D
 Acq: 30 Apr 2018 16:49

Tgt Ion: 97 Resp: 99523
 Ion Ratio Lower Upper
 97 100
 83 90.8 72.6 109.0
 85 59.0 47.2 70.8
 99 63.5 50.8 76.2



Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 84.95 (84.65 to 85.65): VU0
 Ion 98.95 (98.65 to 99.65): VU0





#53

1,3-Dichloropropane

Concen: 10.01 ug/l

RT: 8.25 min Scan# 2382

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

Instrument :

MSVOA_U

ClientSampleId :

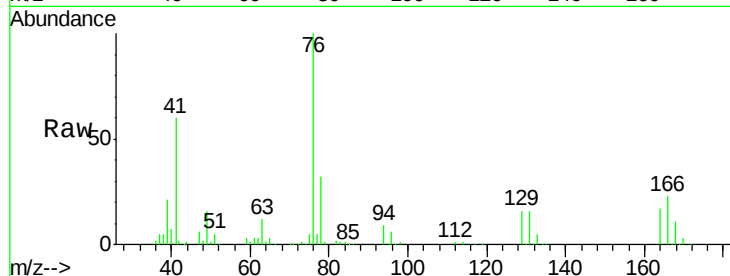
VSTDICCC010

Tgt Ion: 76 Resp: 180822

Ion Ratio Lower Upper

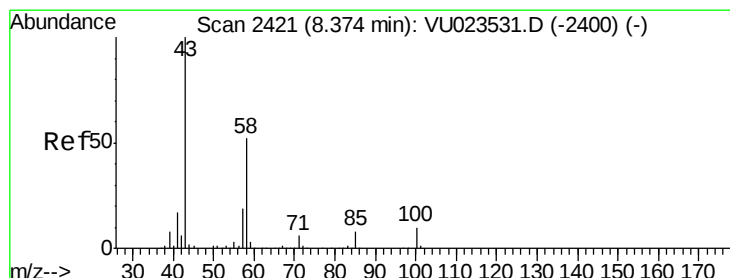
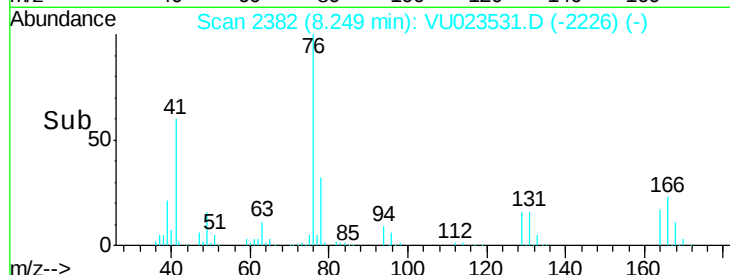
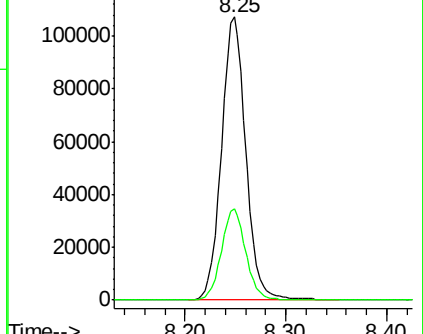
76 100

78 32.1 25.7 38.5



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0



#54

2-Hexanone

Concen: 53.75 ug/l

RT: 8.37 min Scan# 2421

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

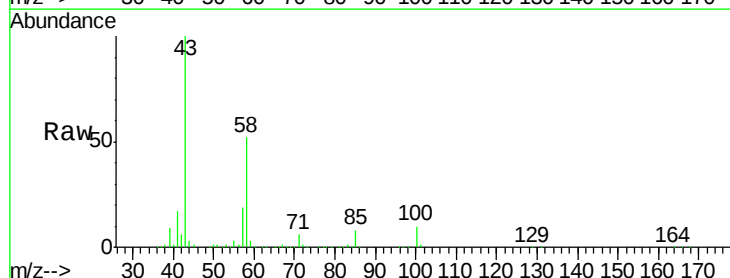
Tgt Ion: 43 Resp: 304530

Ion Ratio Lower Upper

43 100

58 52.5 32.5 72.5

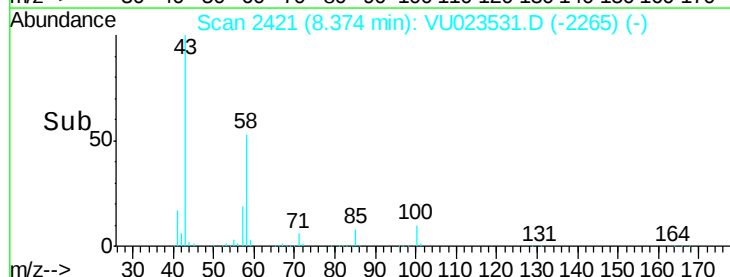
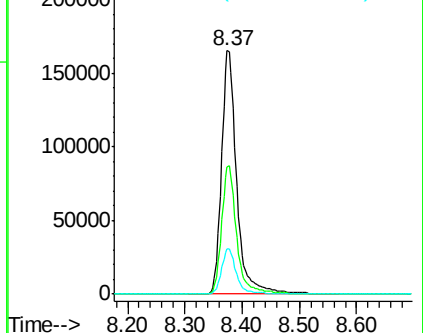
57 17.9 0.0 37.9

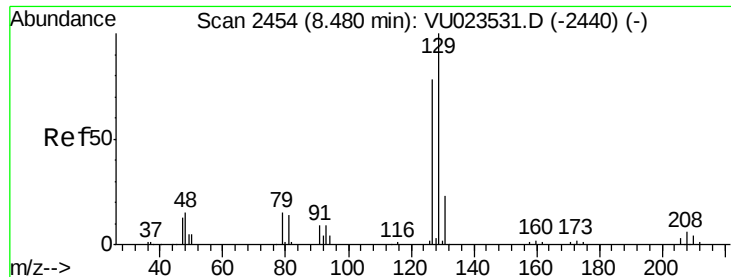


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#55

Dibromochloromethane

Concen: 10.51 ug/l

RT: 8.48 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

Instrument :

MSVOA_U

ClientSampleId :

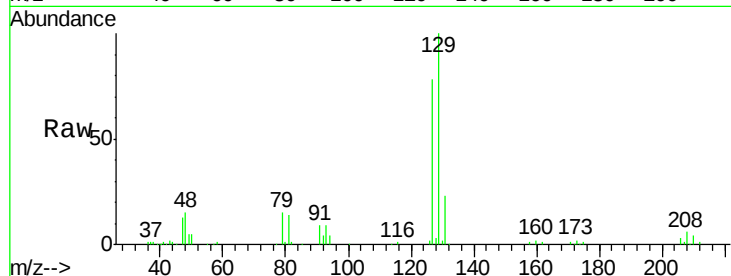
VSTDICCC010

Tgt Ion:129 Resp: 113652

Ion Ratio Lower Upper

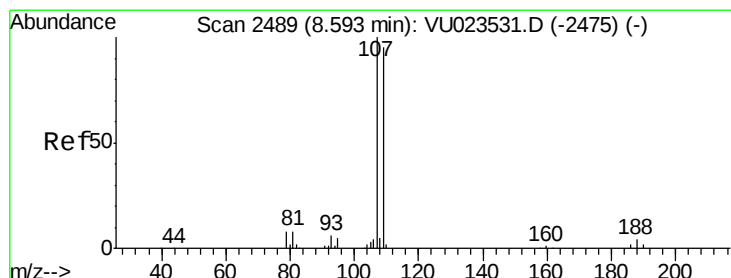
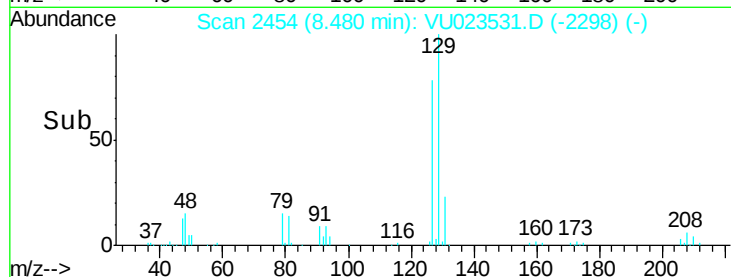
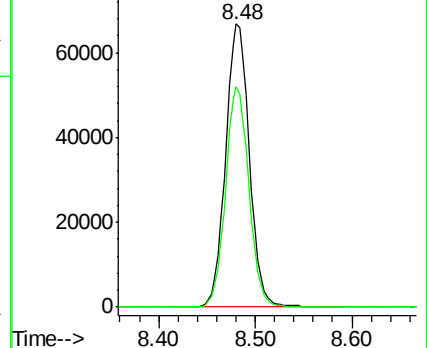
129 100

127 76.4 61.1 91.7



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 9.46 ug/l

RT: 8.59 min Scan# 2489

Delta R.T. 0.00 min

Lab File: VU023531.D

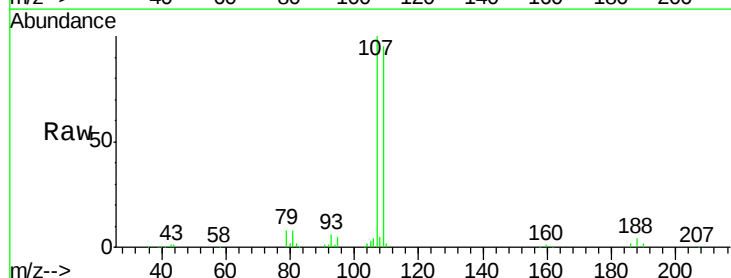
Acq: 30 Apr 2018 16:49

Tgt Ion:107 Resp: 87511

Ion Ratio Lower Upper

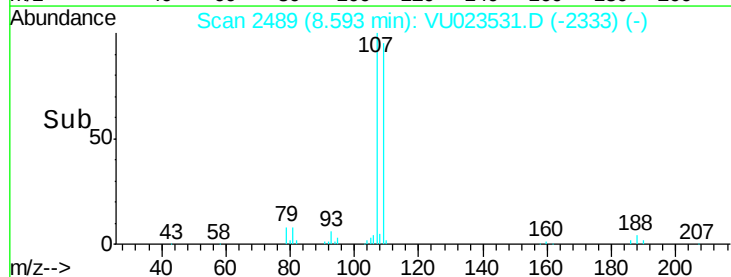
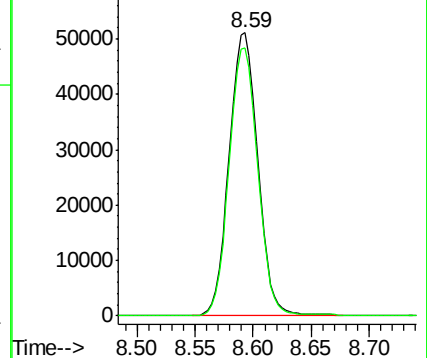
107 100

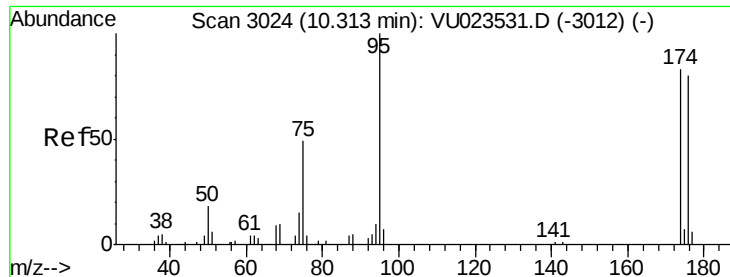
109 94.5 0.0 189.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

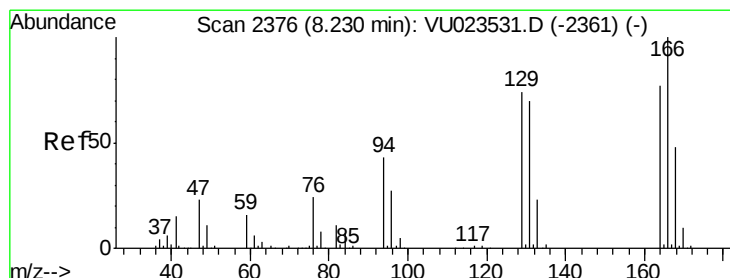
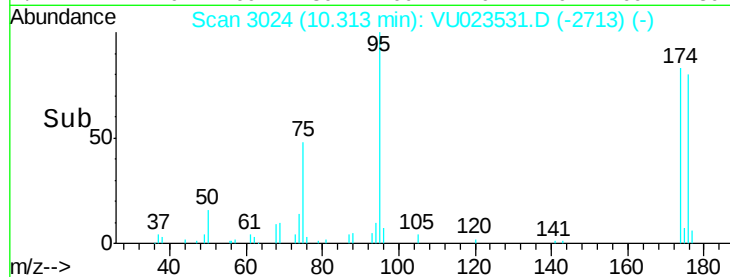
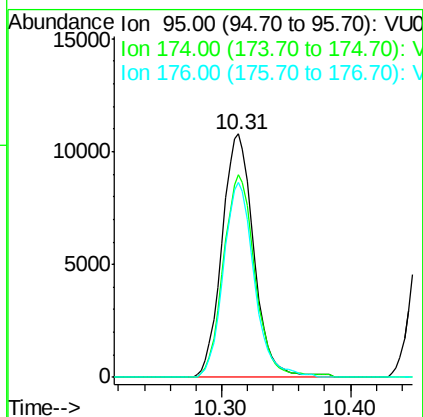
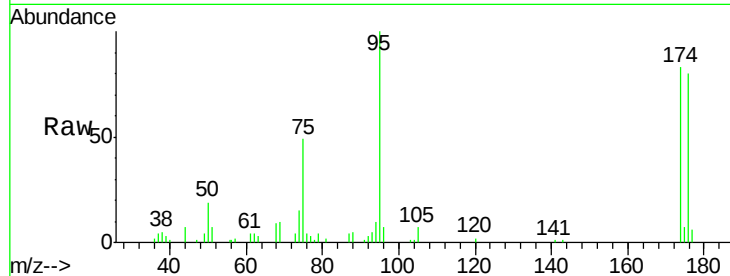




#57
4-Bromofluorobenzene
Concen: 9.46 ug/l
RT: 10.31 min Scan# 3024
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

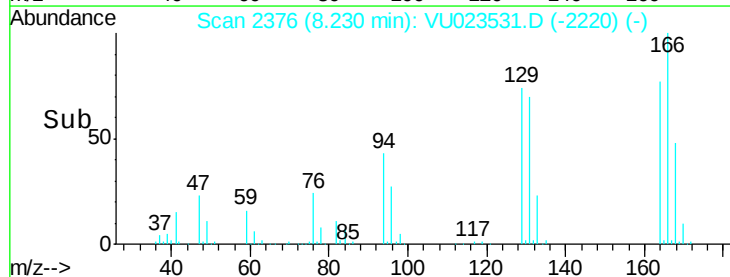
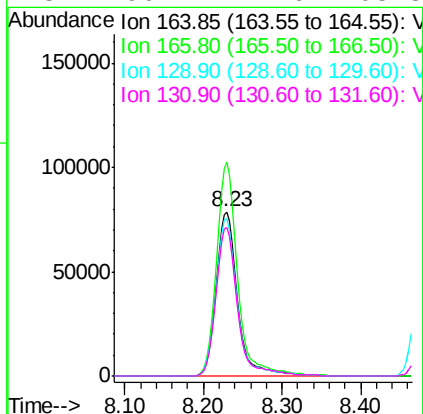
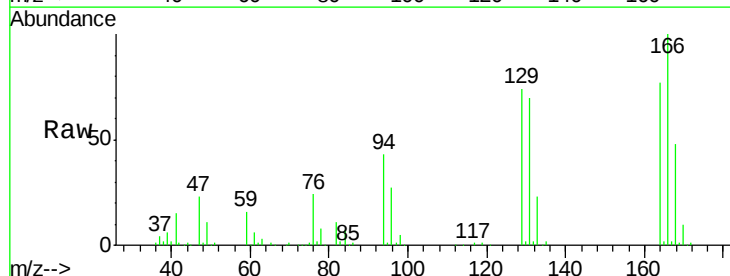
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

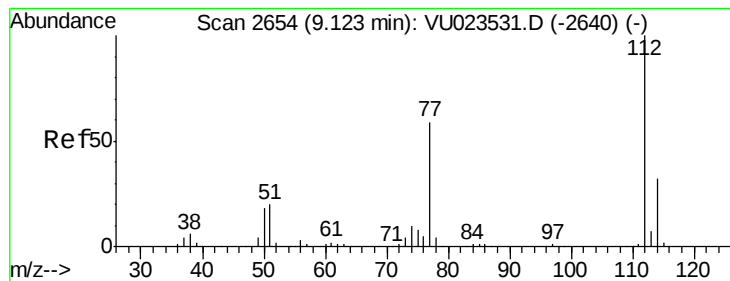
Tgt Ion: 95 Resp: 18466
Ion Ratio Lower Upper
95 100
174 82.0 65.6 98.4
176 77.5 62.0 93.0



#58
Tetrachloroethene
Concen: 10.40 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Tgt Ion: 164 Resp: 147722
Ion Ratio Lower Upper
164 100
166 130.1 104.1 156.1
129 96.0 76.8 115.2
131 90.7 72.6 108.8





#59

Chlorobenzene

Concen: 9.76 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

Instrument :

MSVOA_U

ClientSampleId :

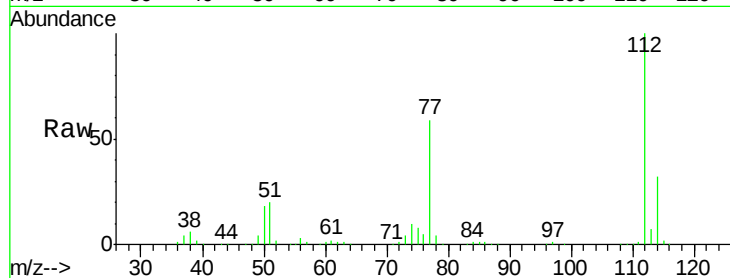
VSTDICCC010

Tgt Ion:112 Resp: 375098

Ion Ratio Lower Upper

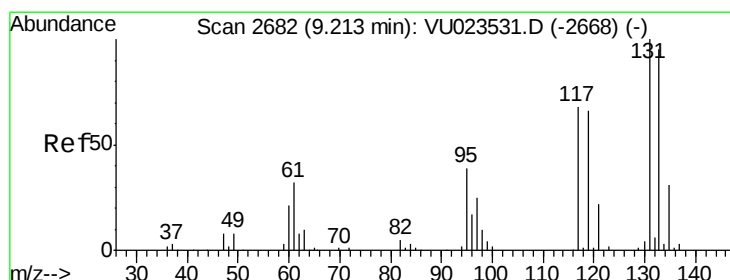
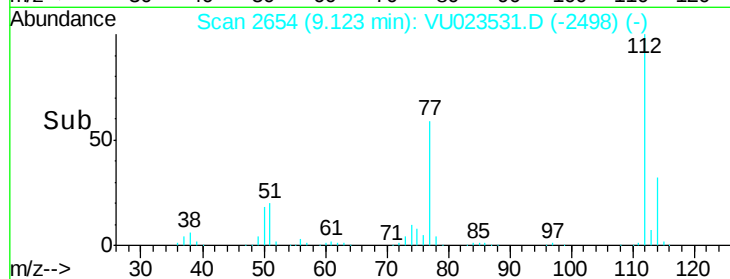
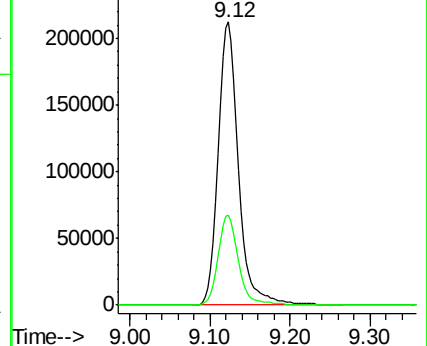
112 100

114 31.8 25.4 38.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#60

1,1,1,2-Tetrachloroethane

Concen: 9.76 ug/l

RT: 9.21 min Scan# 2682

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

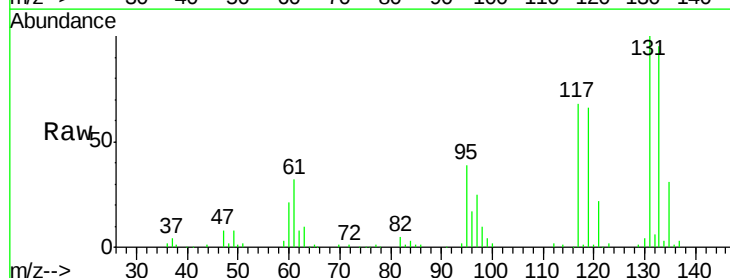
Tgt Ion:131 Resp: 126433

Ion Ratio Lower Upper

131 100

133 94.8 75.8 113.8

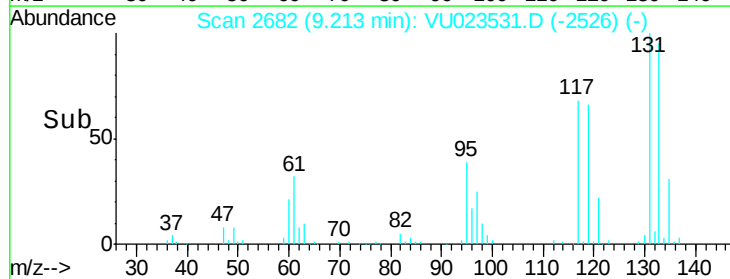
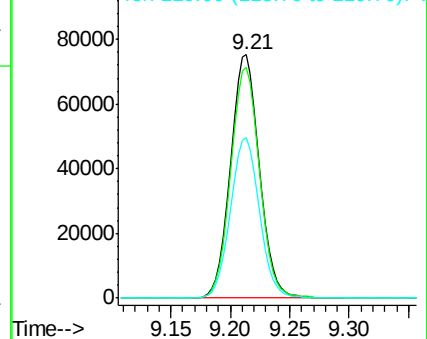
119 66.3 53.0 79.6

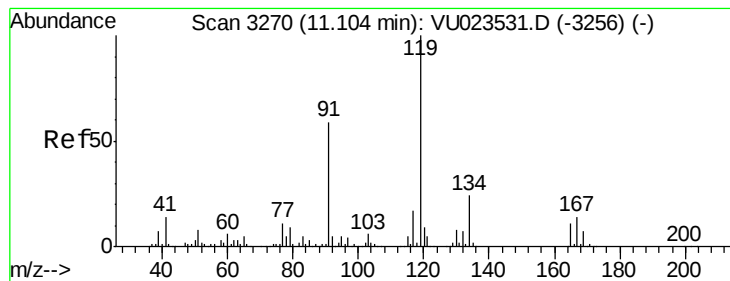


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#61

Pentachloroethane

Concen: 9.14 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

Instrument :

MSVOA_U

ClientSampleId :

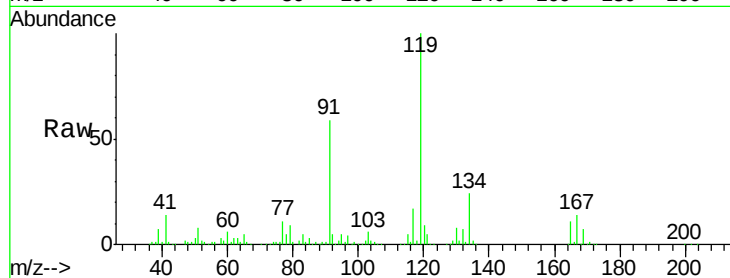
VSTDICCC010

Tgt Ion:117 Resp: 85778

Ion Ratio Lower Upper

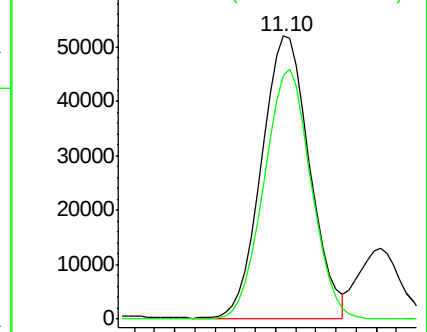
117 100

167 86.5 69.2 103.8

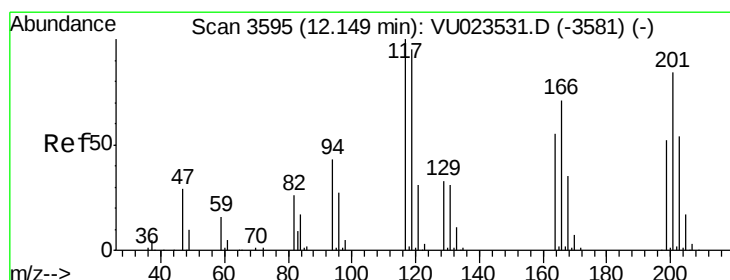
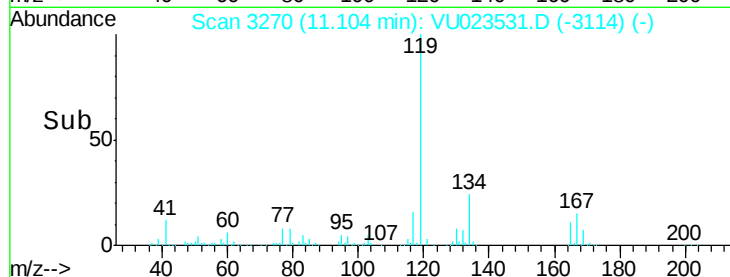


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



Time-->



#62

Hexachloroethane

Concen: 10.15 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU023531.D

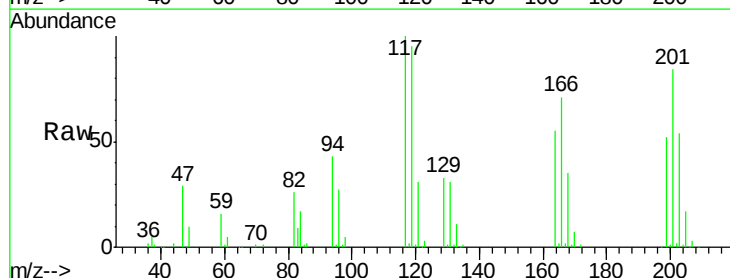
Acq: 30 Apr 2018 16:49

Tgt Ion:117 Resp: 85622

Ion Ratio Lower Upper

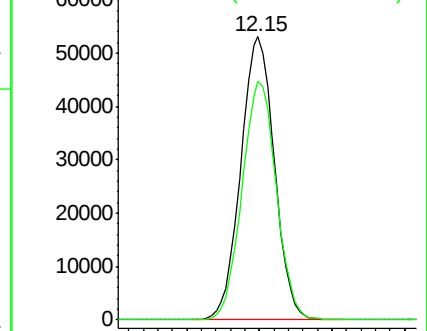
117 100

201 85.9 68.7 103.1

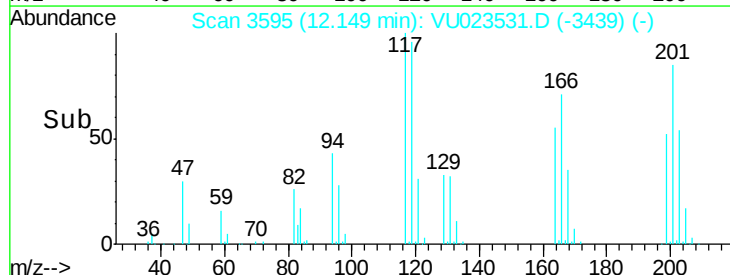


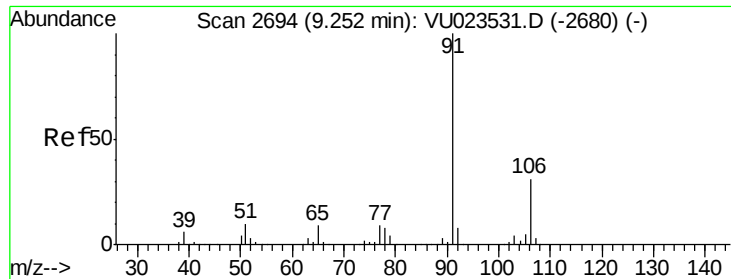
Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V



Time-->

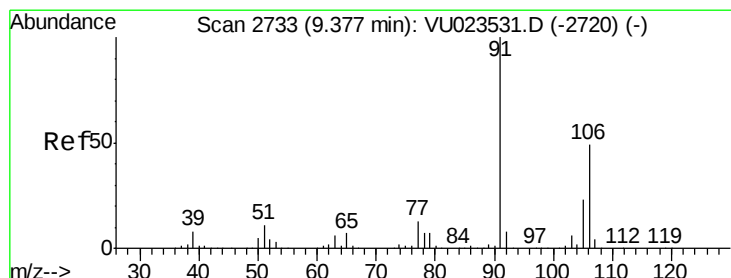
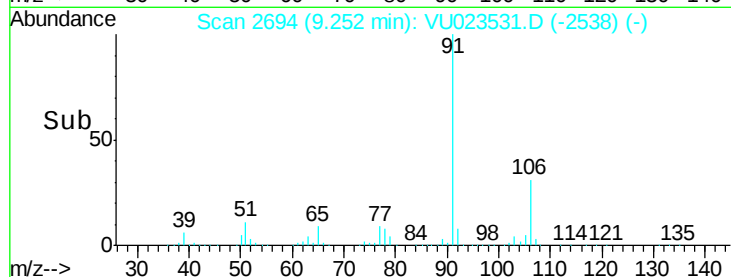
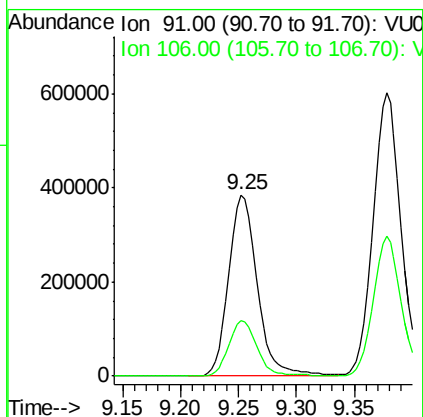
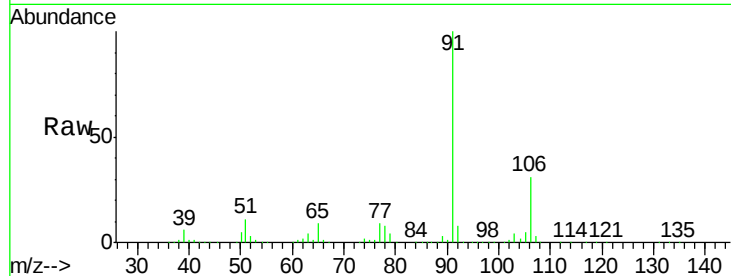




#63
Ethyl Benzene
Concen: 10.38 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

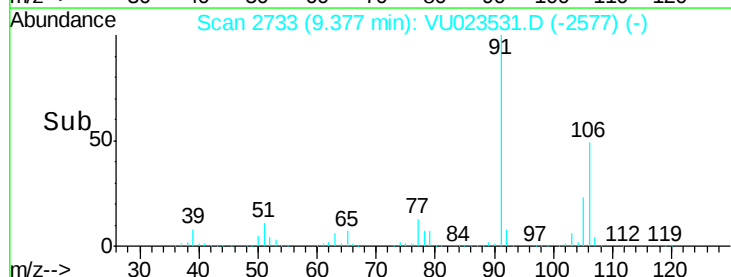
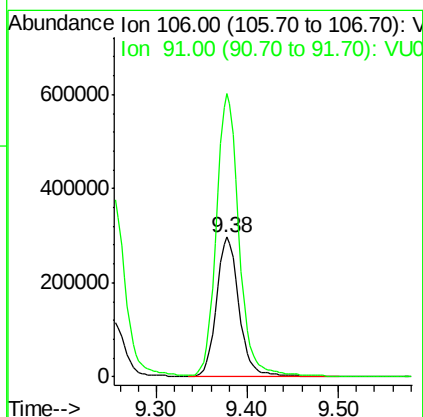
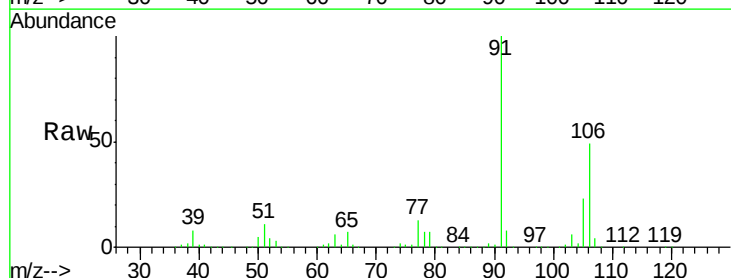
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

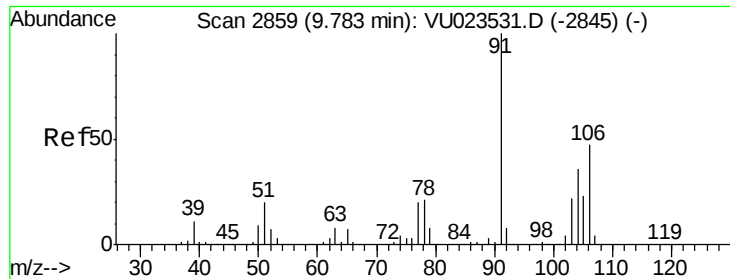
Tgt Ion: 91 Resp: 658142
Ion Ratio Lower Upper
91 100
106 30.9 24.7 37.1



#64
m/p-Xylenes
Concen: 20.80 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Tgt Ion: 106 Resp: 509954
Ion Ratio Lower Upper
106 100
91 205.1 164.1 246.1

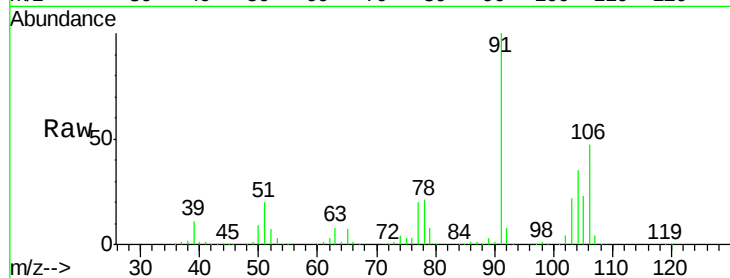




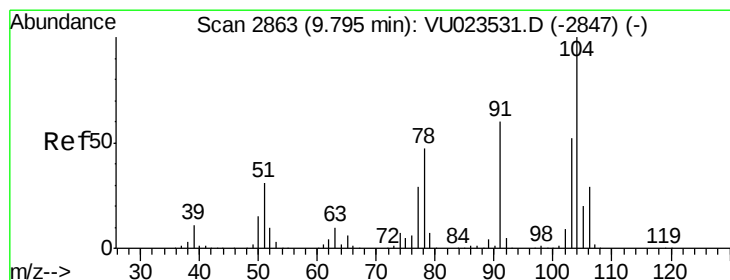
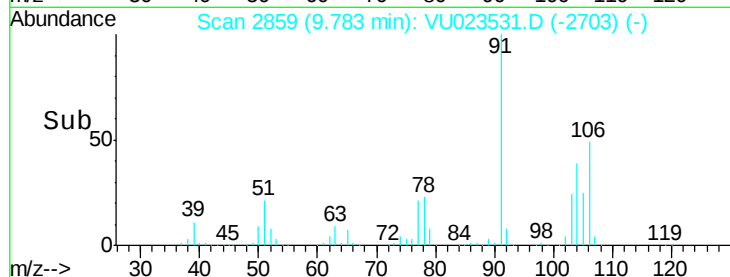
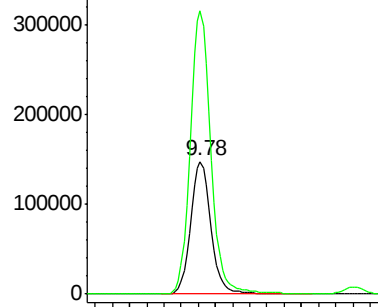
#65
o-Xylene
Concen: 10.09 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:106 Resp: 244103
Ion Ratio Lower Upper
106 100
91 215.8 107.9 323.7

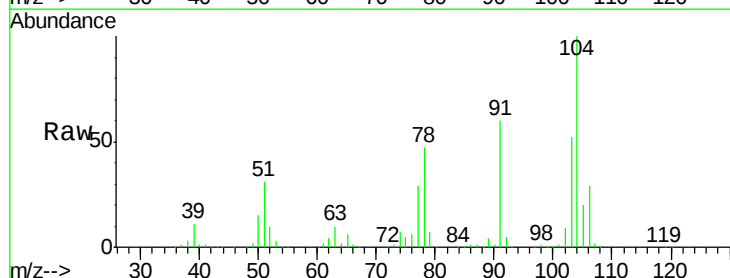


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

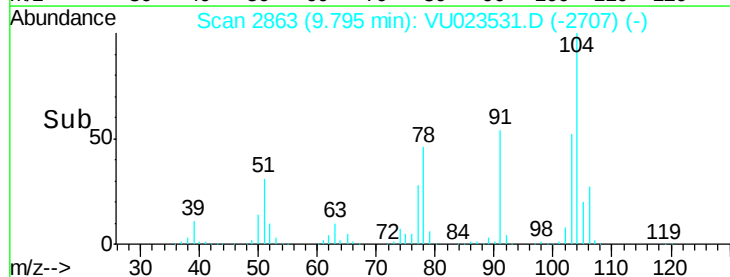
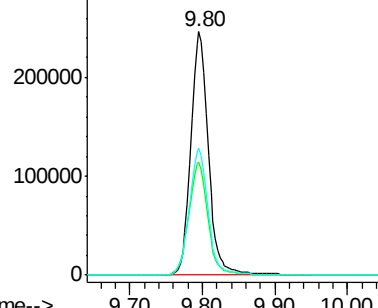


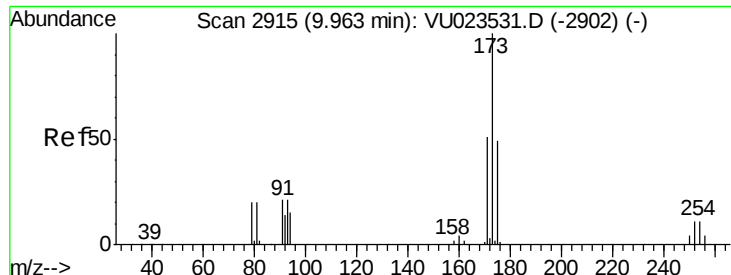
#66
Styrene
Concen: 10.41 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Tgt Ion:104 Resp: 415843
Ion Ratio Lower Upper
104 100
78 50.2 40.2 60.2
103 55.3 44.2 66.4



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

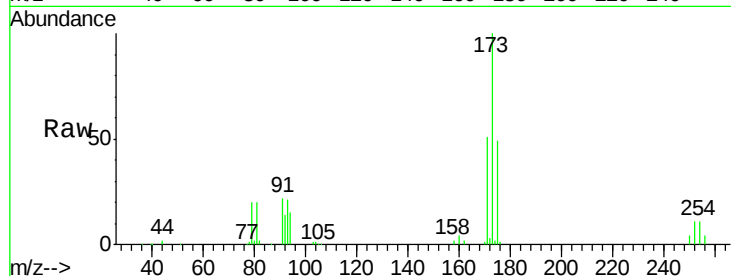




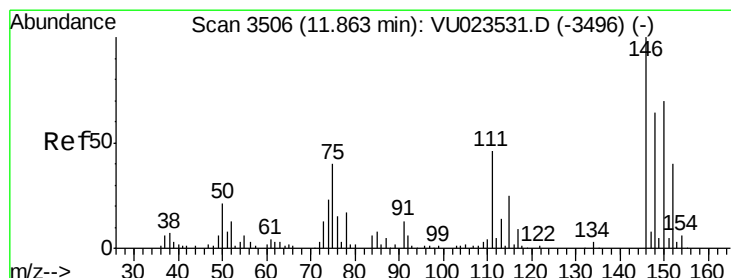
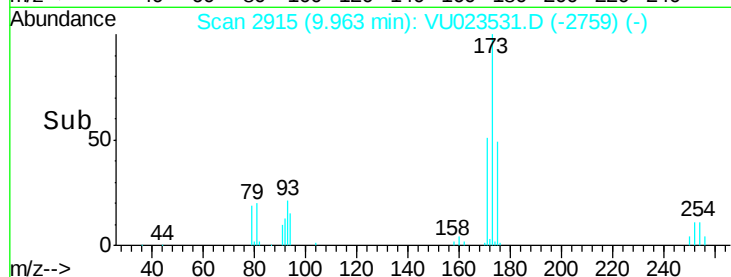
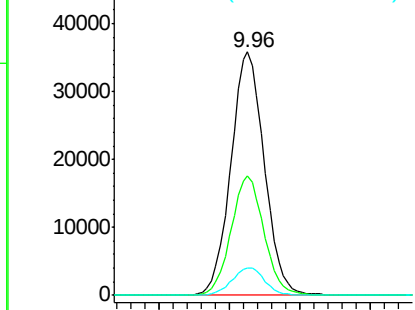
#67
Bromoform
Concen: 10.08 ug/l
RT: 9.96 min Scan# 2915
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:173 Resp: 59353
Ion Ratio Lower Upper
173 100
175 48.2 38.6 57.8
254 11.0 8.8 13.2

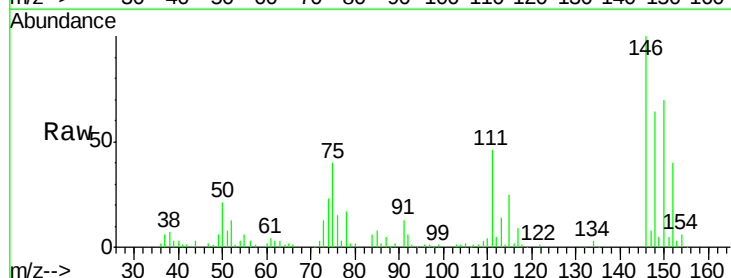


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

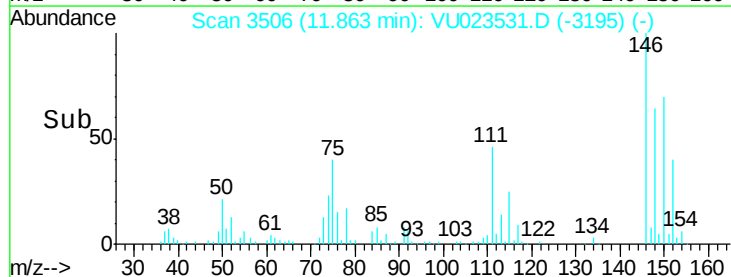
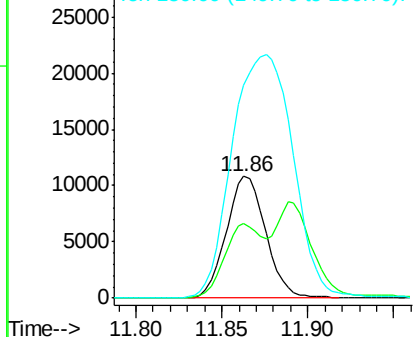


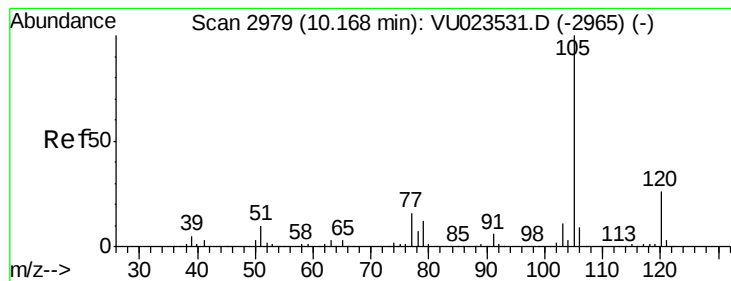
#68
1,2-Dichlorobenzene-d4
Concen: 10.08 ug/l
RT: 11.86 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Tgt Ion:152 Resp: 17290
Ion Ratio Lower Upper
152 100
115 59.4 0.0 118.8
150 0.0 0.0 0.0



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 10.43 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

Instrument :

MSVOA_U

ClientSampleId :

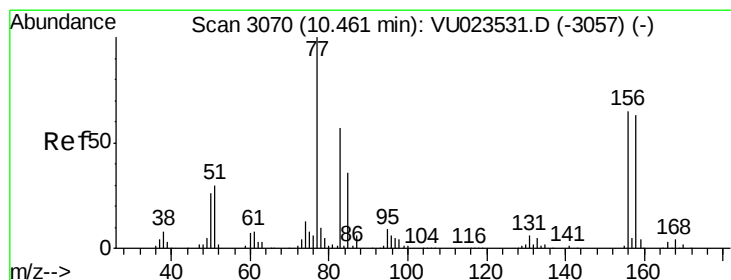
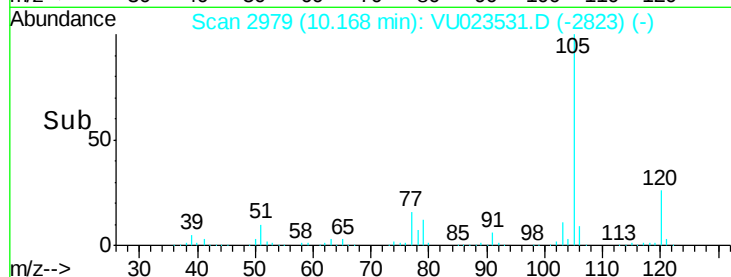
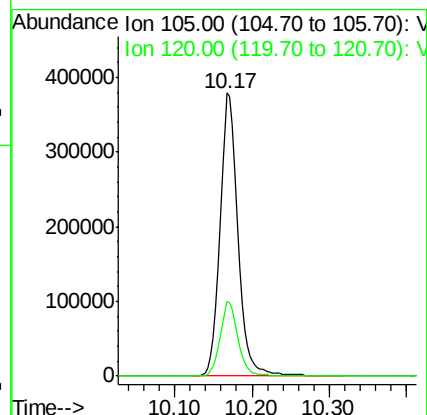
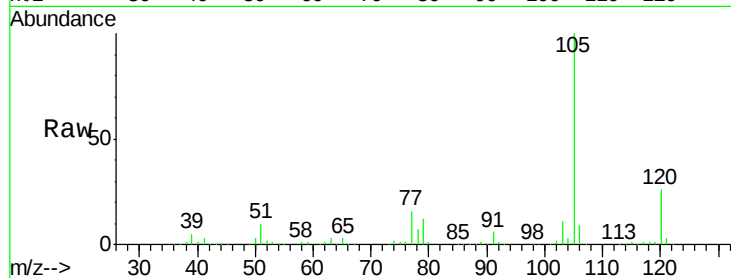
VSTDICCC010

Tgt Ion:105 Resp: 629464

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.3



#70

1,1,2,2-Tetrachloroethane

Concen: 9.00 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

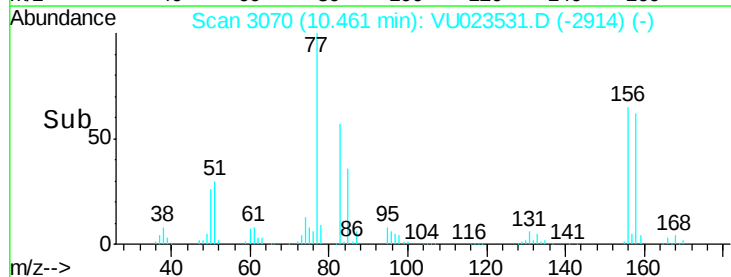
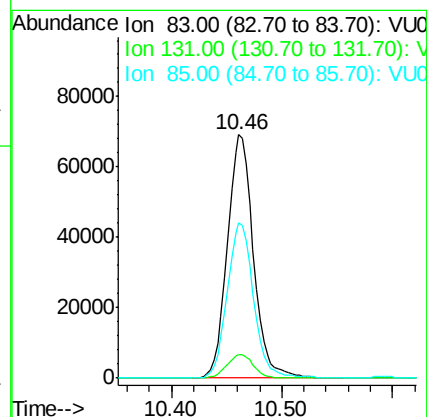
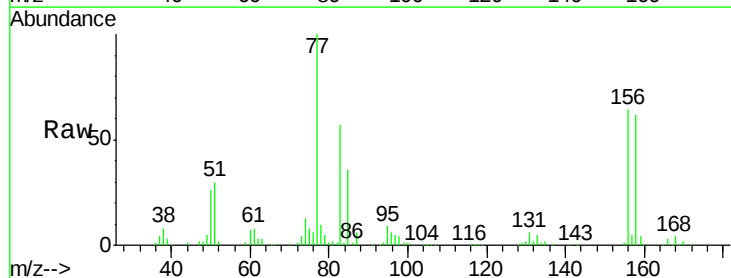
Tgt Ion: 83 Resp: 113387

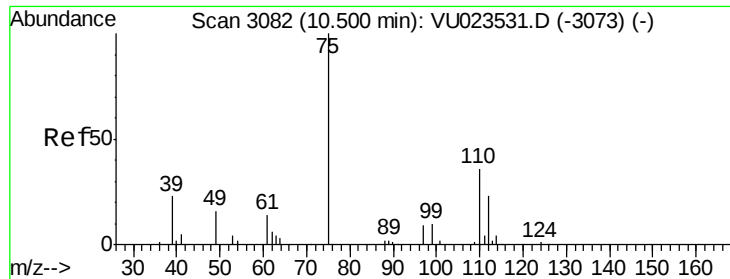
Ion Ratio Lower Upper

83 100

131 9.9 7.9 11.9

85 64.7 51.8 77.6

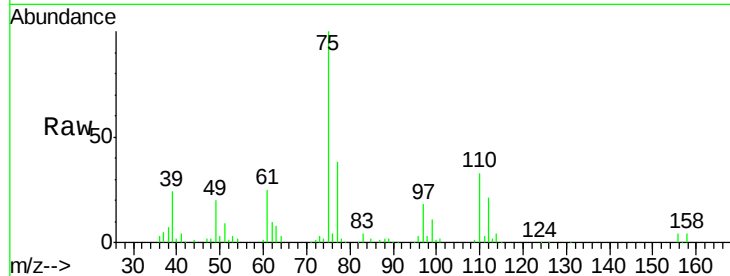




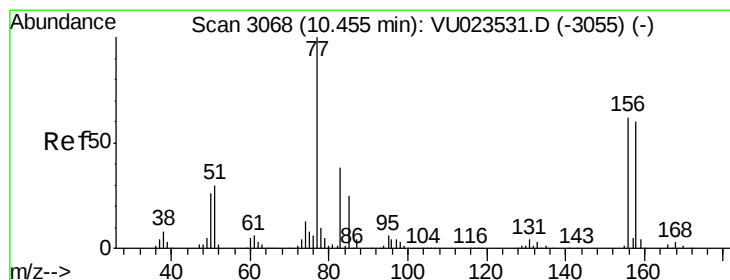
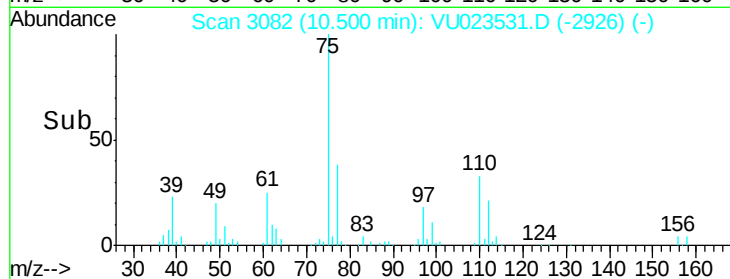
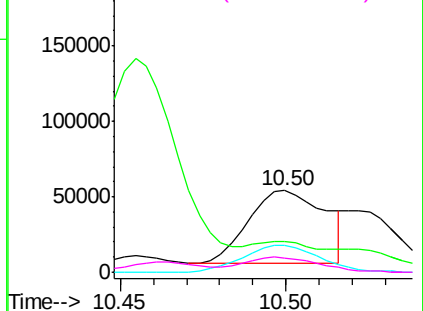
#71
 1,2,3-Trichloropropane
 Concen: 8.51 ug/l
 RT: 10.50 min Scan# 3082
 Delta R.T. 0.00 min
 Lab File: VU023531.D
 Acq: 30 Apr 2018 16:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tgt Ion:	75	Resp:	79063
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	37.0	0.0	74.0
97	19.8	0.0	39.6

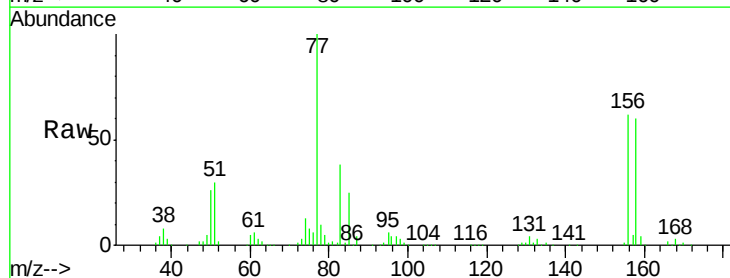


Abundance Ion 75.00 (74.70 to 75.70): VU023531.D (-3073) (-)
 Ion 77.00 (76.70 to 77.70): VU023531.D (-3073) (-)
 Ion 110.00 (109.70 to 110.70): VU023531.D (-3073) (-)
 Ion 97.00 (96.70 to 97.70): VU023531.D (-3073) (-)

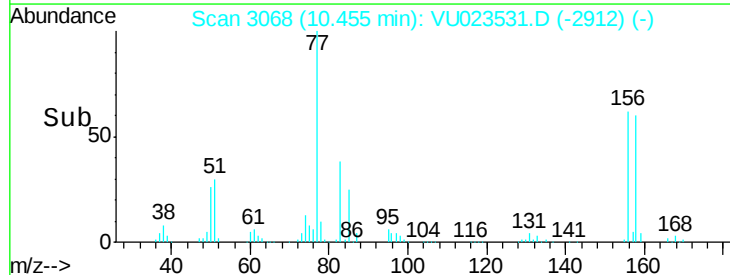
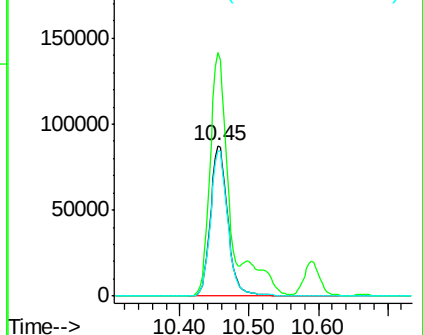


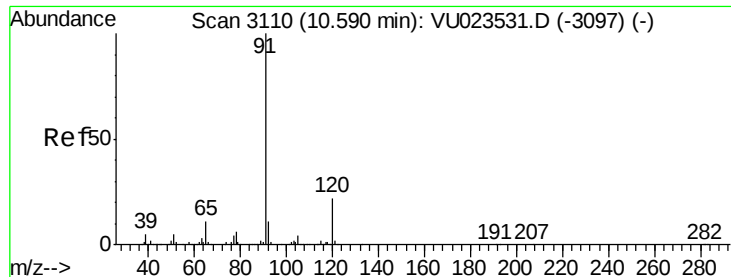
#72
 Bromobenzene
 Concen: 9.34 ug/l
 RT: 10.45 min Scan# 3068
 Delta R.T. 0.00 min
 Lab File: VU023531.D
 Acq: 30 Apr 2018 16:49

Tgt Ion:	156	Resp:	151521
Ion	Ratio	Lower	Upper
156	100		
77	154.9	0.0	309.8
158	96.5	0.0	193.0



Abundance Ion 156.00 (155.70 to 156.70): VU023531.D (-3055) (-)
 Ion 77.00 (76.70 to 77.70): VU023531.D (-3055) (-)
 Ion 158.00 (157.70 to 158.70): VU023531.D (-3055) (-)





#73

n-propylbenzene

Concen: 10.37 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

Instrument :

MSVOA_U

ClientSampleId :

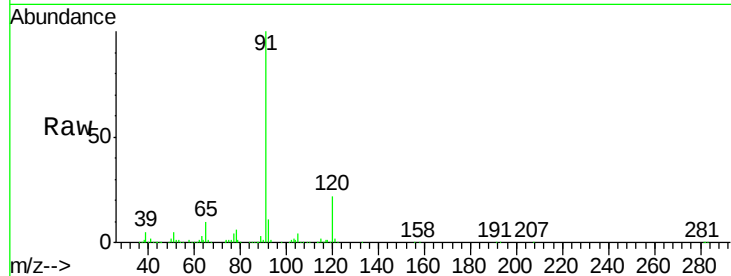
VSTDICCC010

Tgt Ion:120 Resp: 175749

Ion Ratio Lower Upper

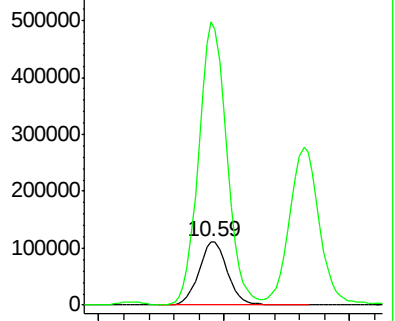
120 100

91 440.3 352.2 528.4

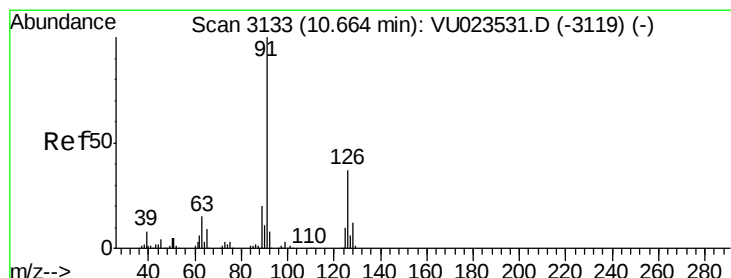
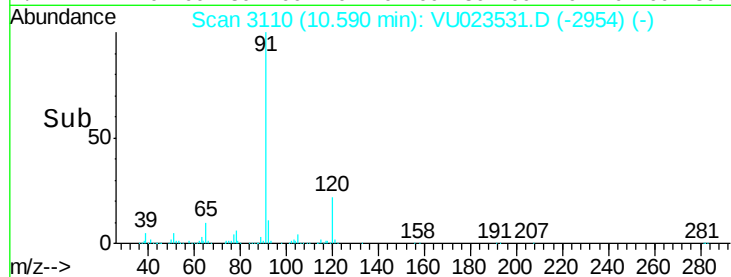


Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



Time-->



#74

2-Chlorotoluene

Concen: 9.78 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU023531.D

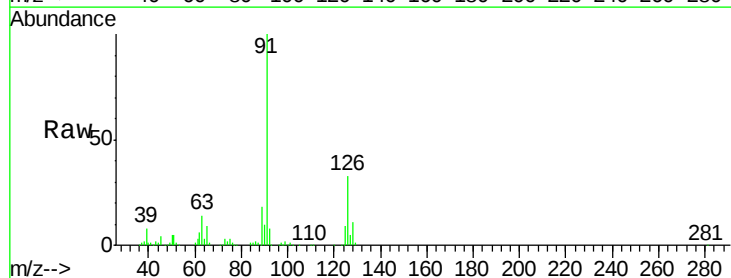
Acq: 30 Apr 2018 16:49

Tgt Ion:126 Resp: 150064

Ion Ratio Lower Upper

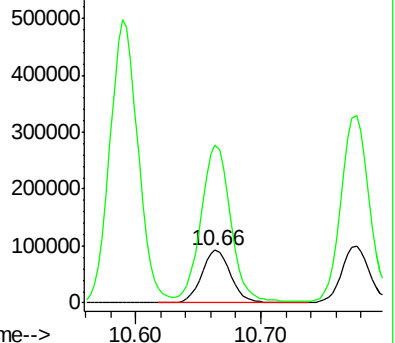
126 100

91 306.5 0.0 613.0

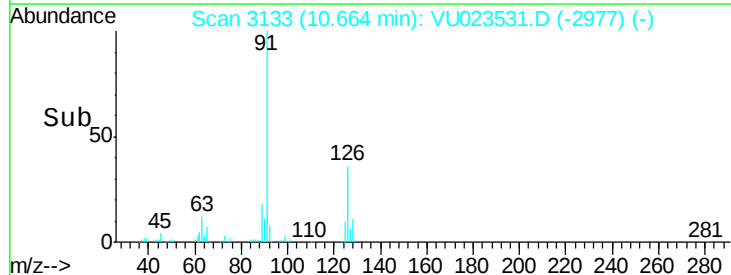


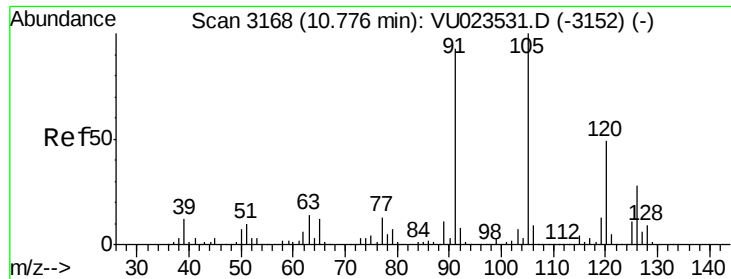
Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0



Time-->





#75

1,3,5-Trimethylbenzene

Concen: 10.40 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

Instrument :

MSVOA_U

ClientSampleId :

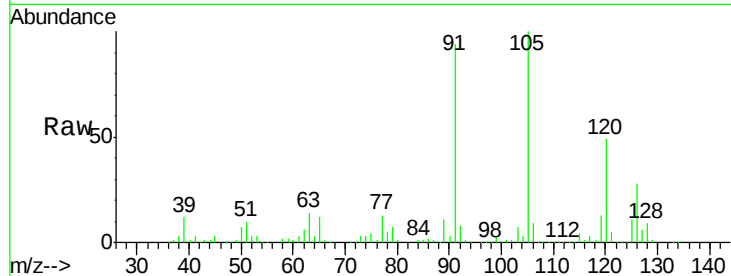
VSTDICCC010

Tgt Ion:105 Resp: 538953

Ion Ratio Lower Upper

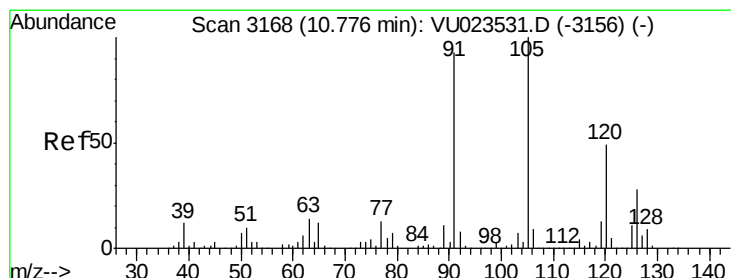
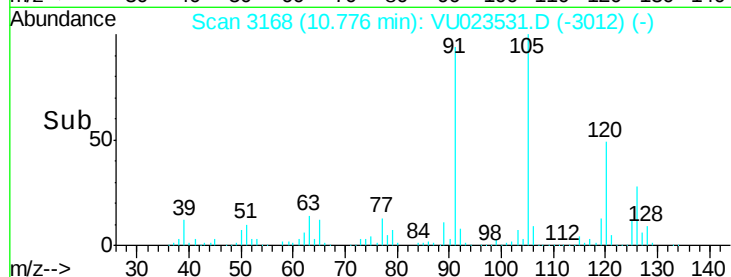
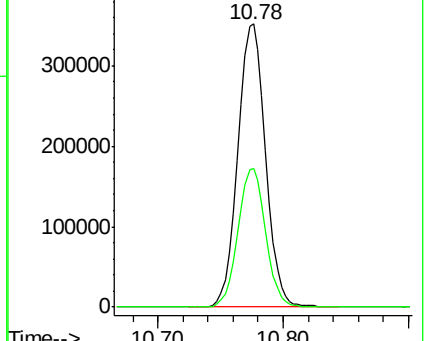
105 100

120 48.8 39.0 58.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 9.91 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU023531.D

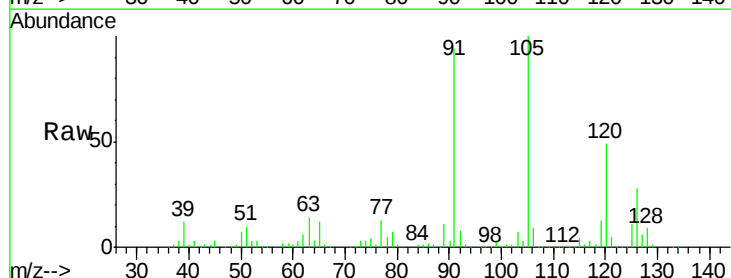
Acq: 30 Apr 2018 16:49

Tgt Ion:126 Resp: 157337

Ion Ratio Lower Upper

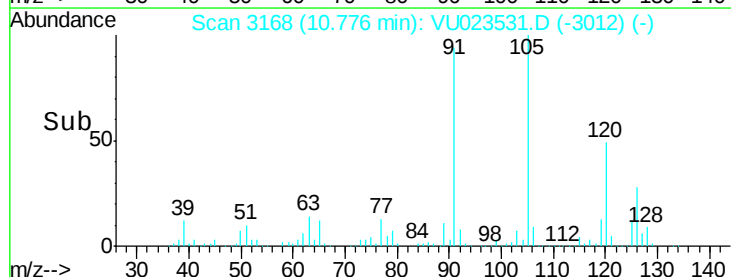
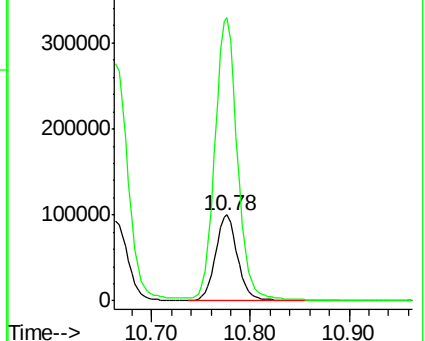
126 100

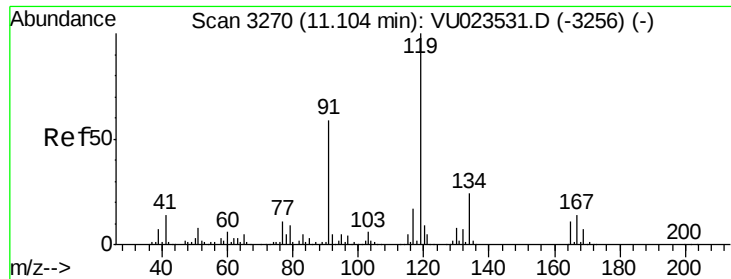
91 333.6 0.0 667.2



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

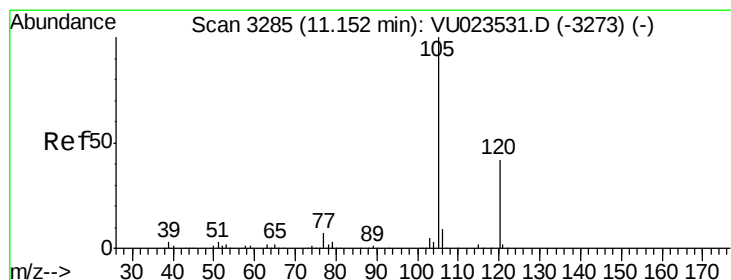
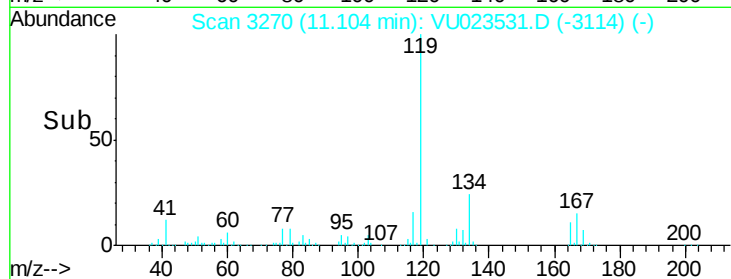
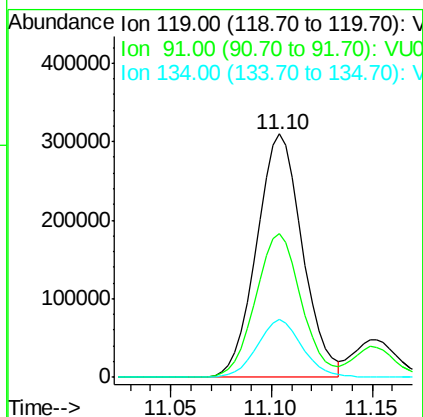
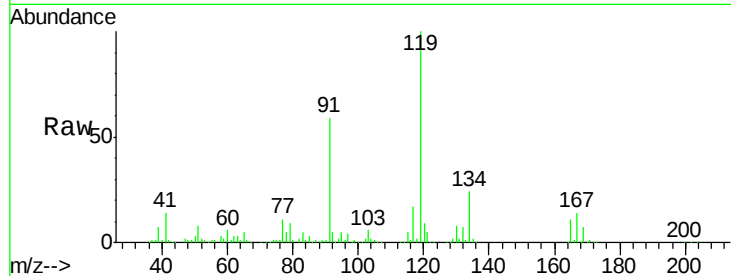




#77
 tert-Butylbenzene
 Concen: 9.99 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU023531.D
 Acq: 30 Apr 2018 16:49

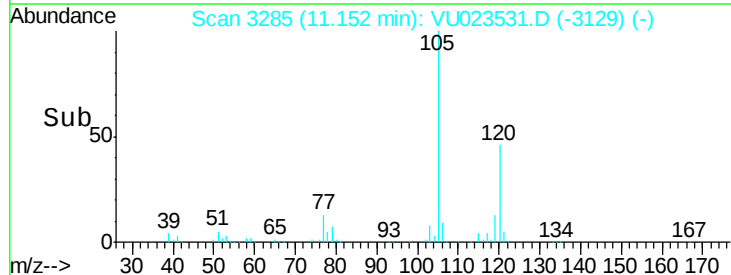
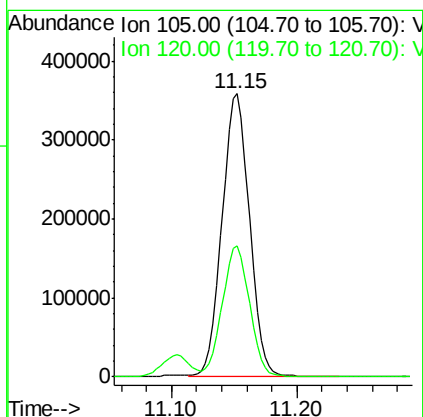
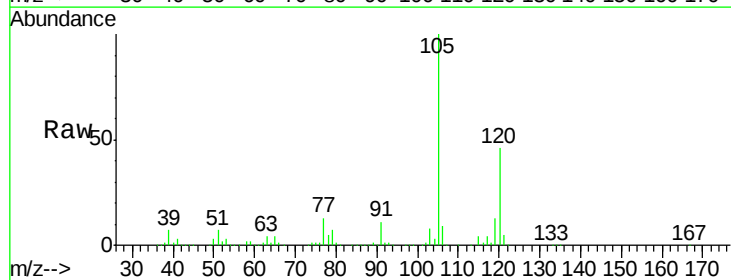
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

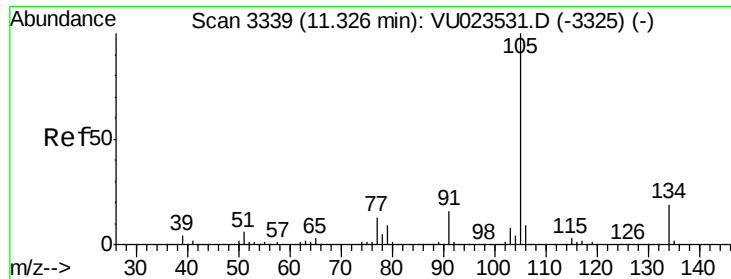
Tgt Ion	Ratio	Lower	Upper
119	100		
91	59.2	29.6	88.8
134	23.9	19.1	28.7



#78
 1,2,4-Trimethylbenzene
 Concen: 10.22 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU023531.D
 Acq: 30 Apr 2018 16:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.1	69.3

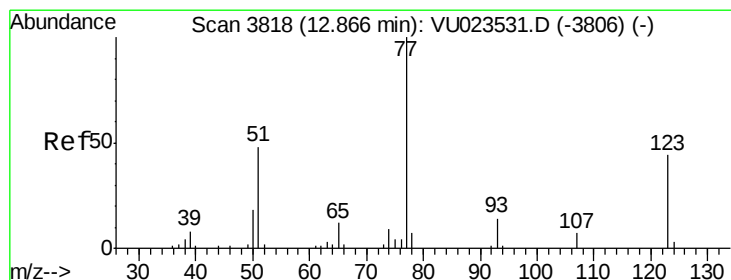
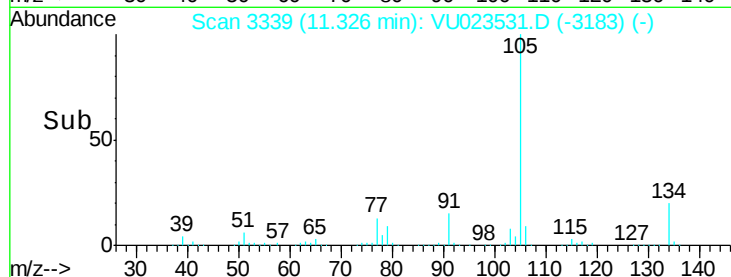
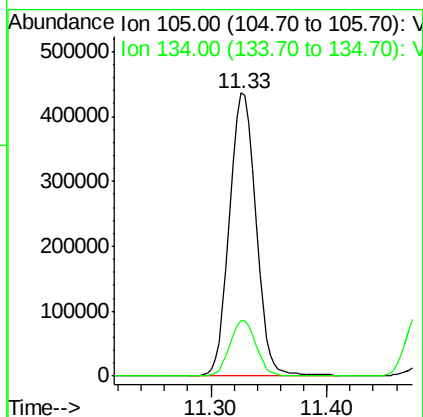
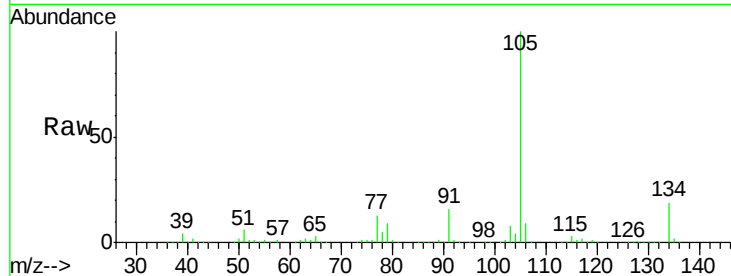




#79
 sec-Butylbenzene
 Concen: 10.37 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU023531.D
 Acq: 30 Apr 2018 16:49

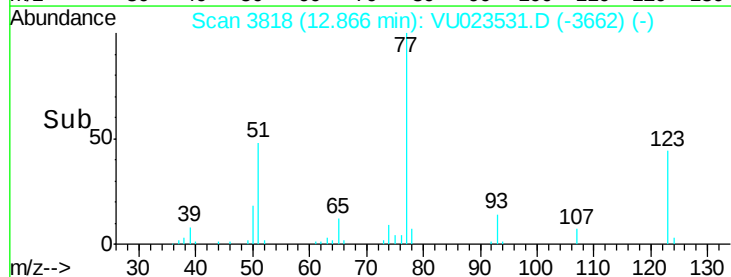
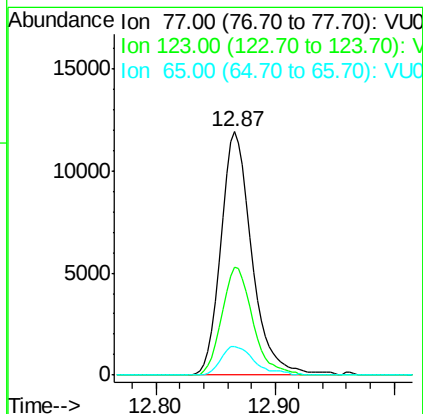
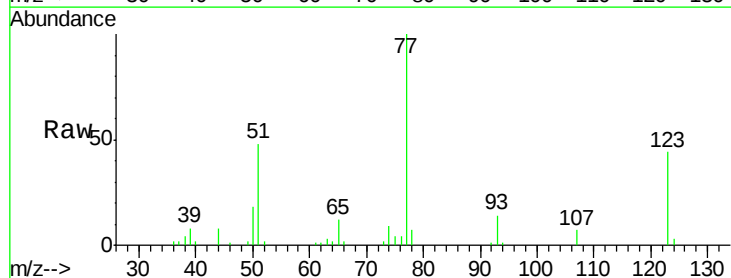
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

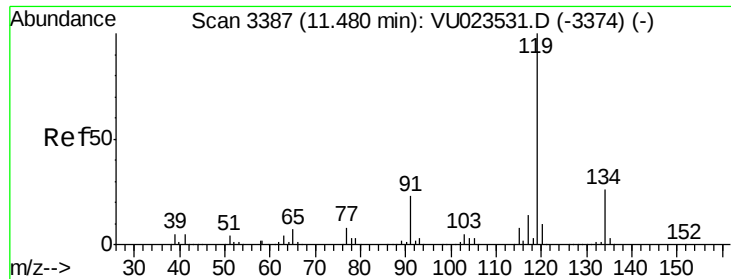
Tgt Ion: 105 Resp: 688236
 Ion Ratio Lower Upper
 105 100
 134 19.5 15.6 23.4



#80
 Nitrobenzene
 Concen: 75.41 ug/l
 RT: 12.87 min Scan# 3818
 Delta R.T. 0.00 min
 Lab File: VU023531.D
 Acq: 30 Apr 2018 16:49

Tgt Ion: 77 Resp: 21510
 Ion Ratio Lower Upper
 77 100
 123 44.0 19.4 68.6
 65 12.7 11.2 14.2

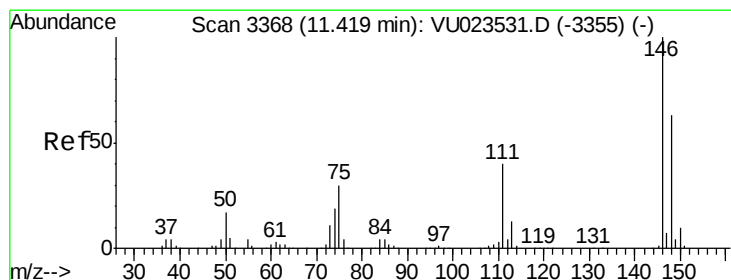
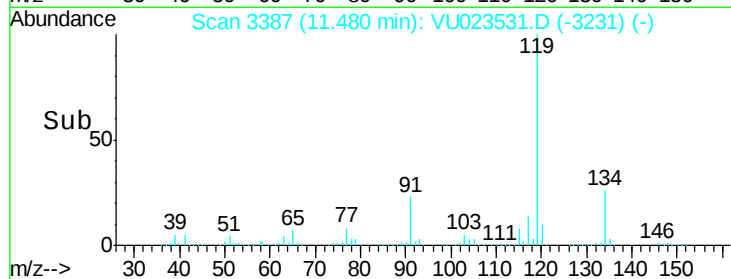
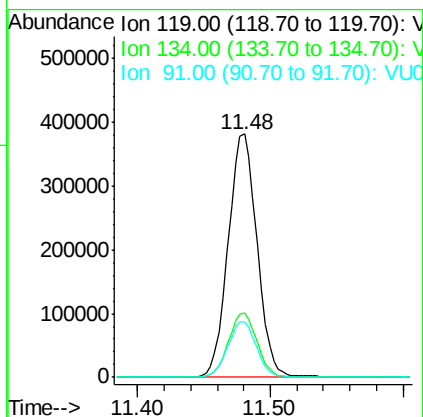
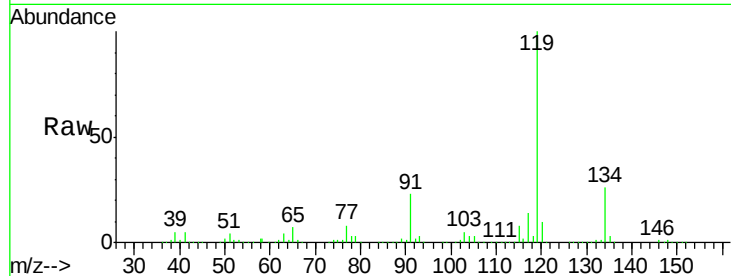




#81
p-Isopropyltoluene
Concen: 10.38 ug/l
RT: 11.48 min Scan# 3387
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

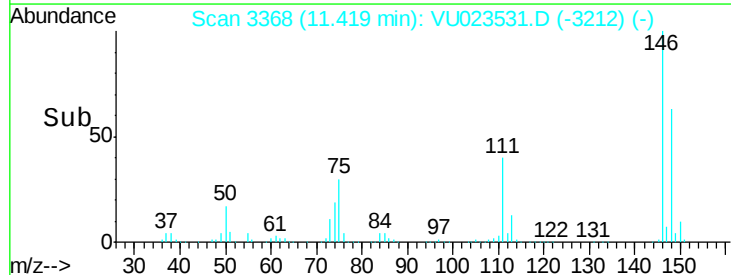
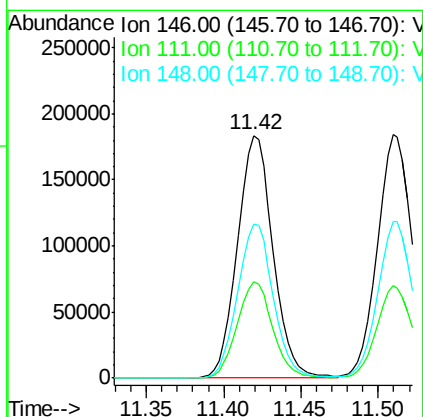
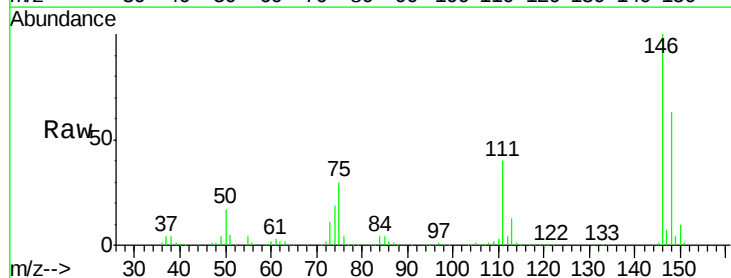
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

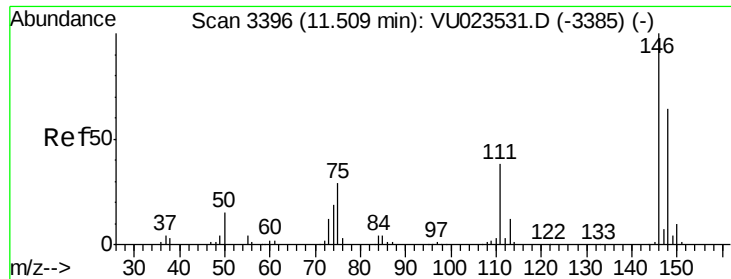
Tgt Ion:119 Resp: 575899
Ion Ratio Lower Upper
119 100
134 26.1 20.9 31.3
91 22.7 18.2 27.2



#82
1,3-Dichlorobenzene
Concen: 9.29 ug/l
RT: 11.42 min Scan# 3368
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Tgt Ion:146 Resp: 293410
Ion Ratio Lower Upper
146 100
111 39.7 31.8 47.6
148 63.7 51.0 76.4

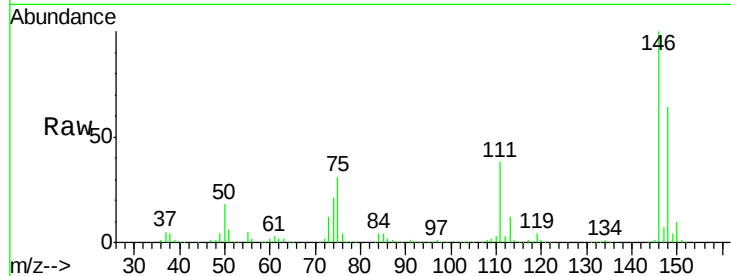




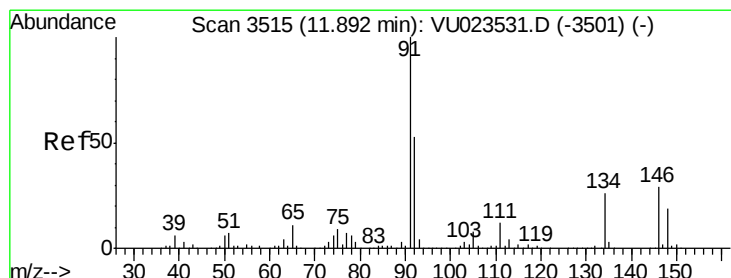
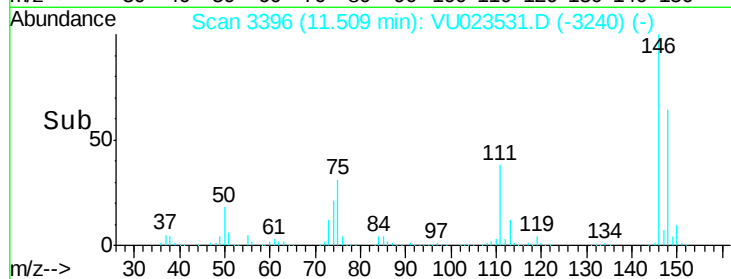
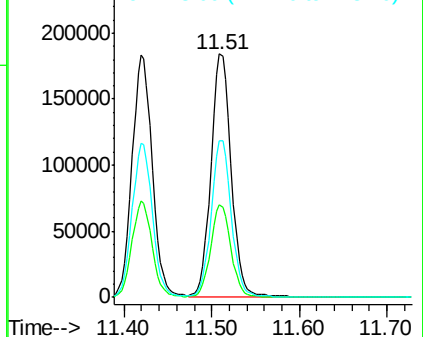
#83
 1,4-Dichlorobenzene
 Concen: 9.38 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU023531.D
 Acq: 30 Apr 2018 16:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 146 Resp: 298614
 Ion Ratio Lower Upper
 146 100
 111 37.6 30.1 45.1
 148 63.3 50.6 76.0

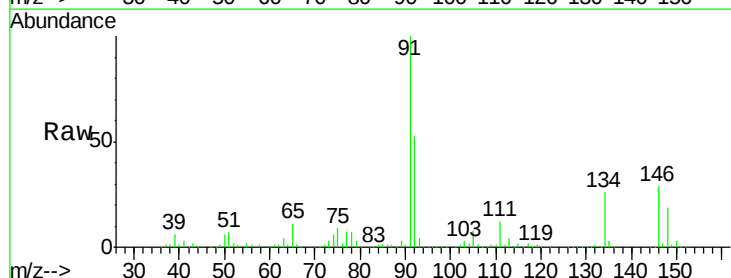


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

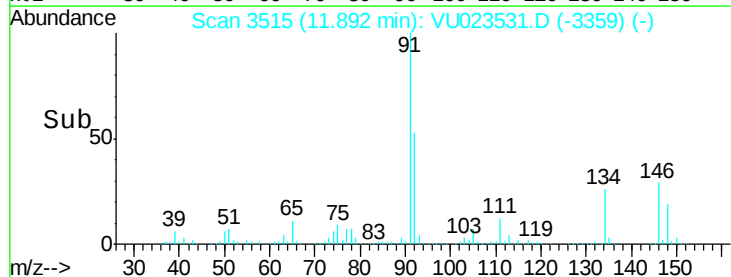
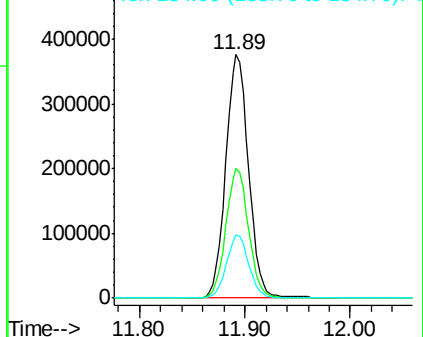


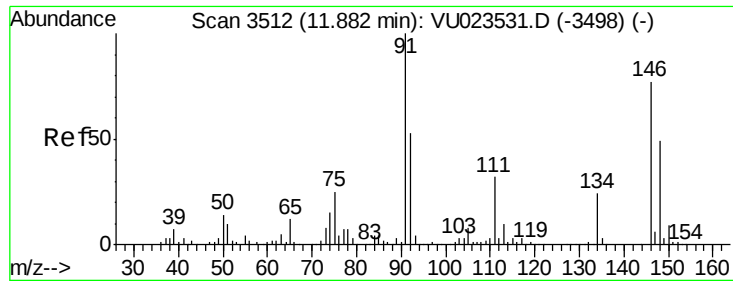
#84
 n-Butylbenzene
 Concen: 10.68 ug/l
 RT: 11.89 min Scan# 3515
 Delta R.T. 0.00 min
 Lab File: VU023531.D
 Acq: 30 Apr 2018 16:49

Tgt Ion: 91 Resp: 561786
 Ion Ratio Lower Upper
 91 100
 92 52.7 42.2 63.2
 134 25.4 20.3 30.5



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

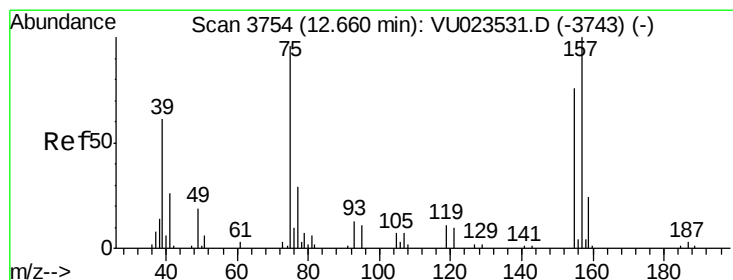
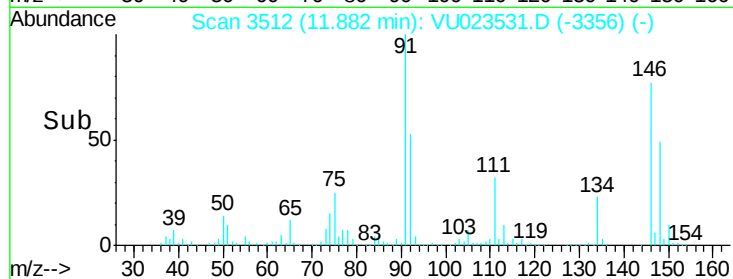
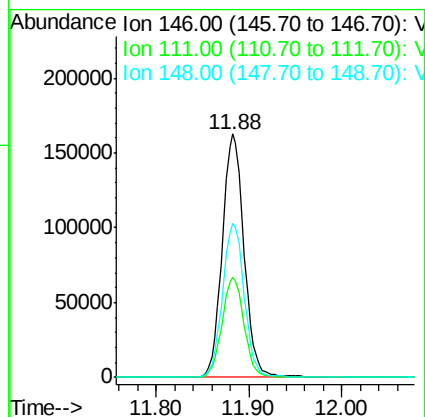
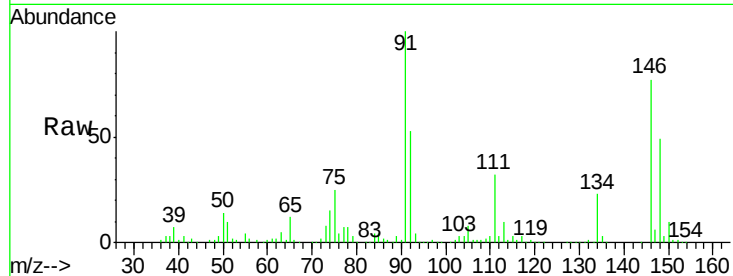




#85
 1,2-Dichlorobenzene
 Concen: 8.99 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU023531.D
 Acq: 30 Apr 2018 16:49

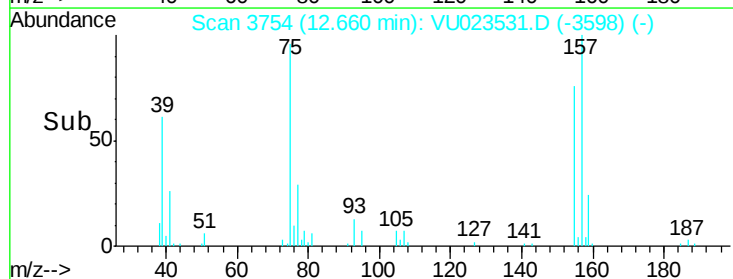
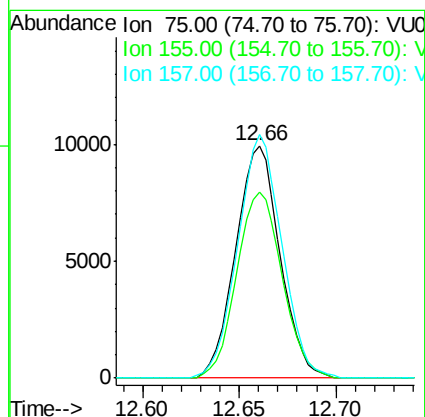
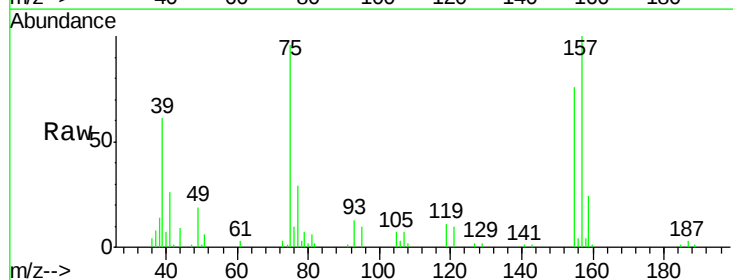
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

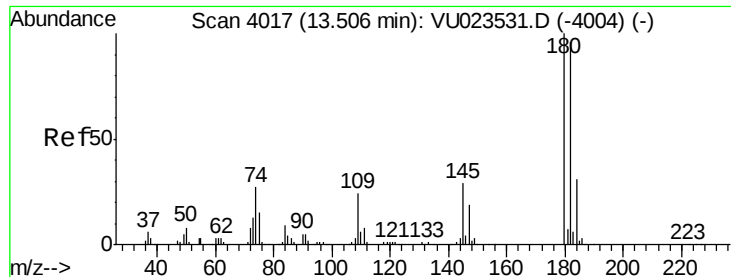
Tgt Ion: 146 Resp: 264653
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.7 62.1
 148 63.7 31.9 95.5



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 9.37 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU023531.D
 Acq: 30 Apr 2018 16:49

Tgt Ion: 75 Resp: 15832
 Ion Ratio Lower Upper
 75 100
 155 82.2 65.8 98.6
 157 104.4 83.5 125.3

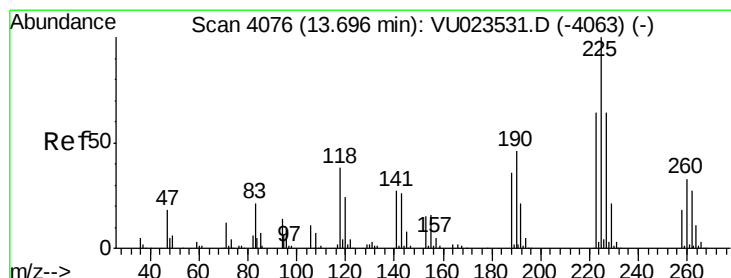
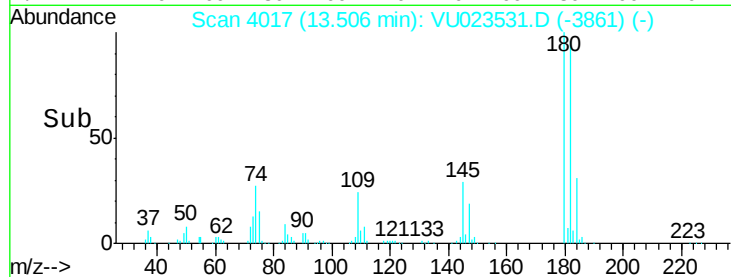
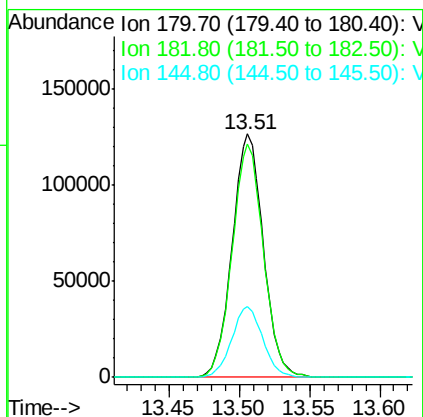
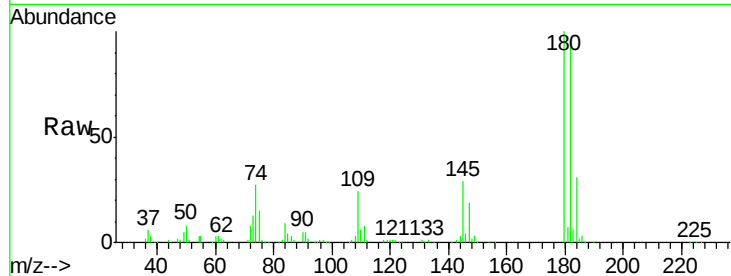




#87
 1,2,4-Trichlorobenzene
 Concen: 9.44 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU023531.D
 Acq: 30 Apr 2018 16:49

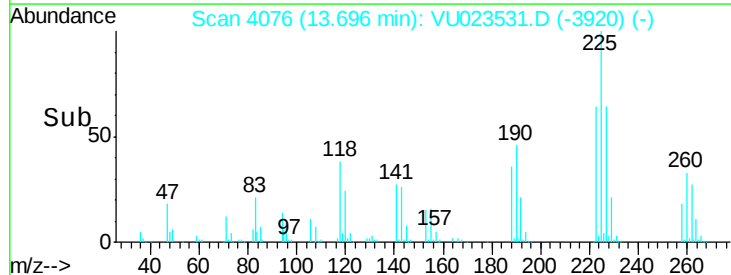
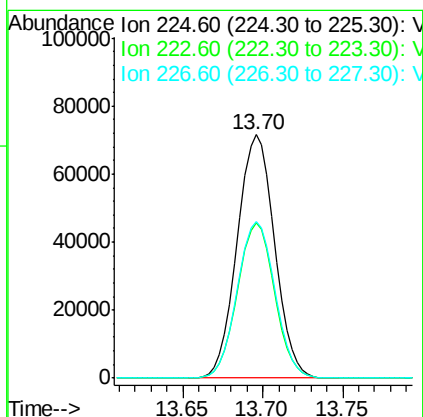
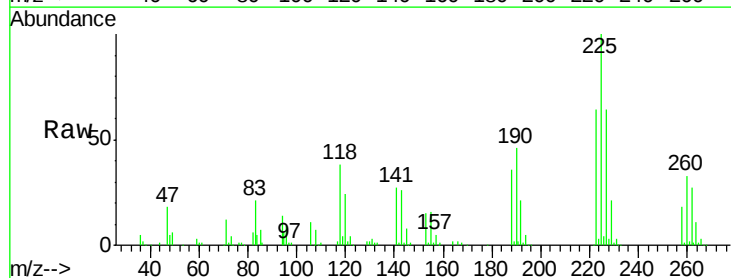
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

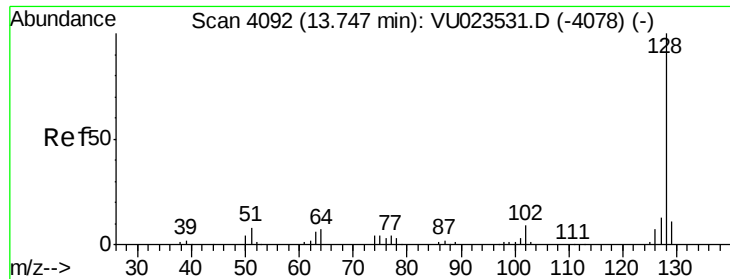
Tgt Ion:180 Resp: 195672
 Ion Ratio Lower Upper
 180 100
 182 96.4 77.1 115.7
 145 29.1 23.3 34.9



#88
 Hexachlorobutadiene
 Concen: 10.02 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU023531.D
 Acq: 30 Apr 2018 16:49

Tgt Ion:225 Resp: 114255
 Ion Ratio Lower Upper
 225 100
 223 63.2 50.6 75.8
 227 64.7 51.8 77.6





#89

Naphthalene

Concen: 9.80 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

Instrument :

MSVOA_U

ClientSampled :

VSTDICCC010

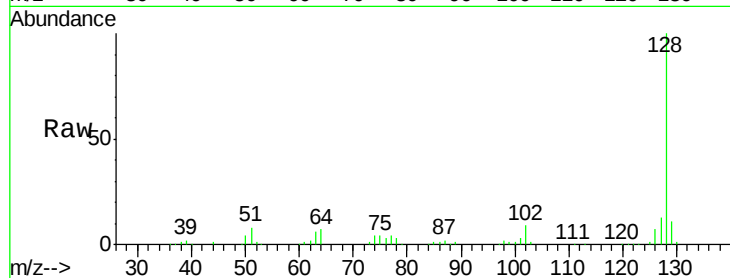
Tgt Ion:128 Resp: 320598

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

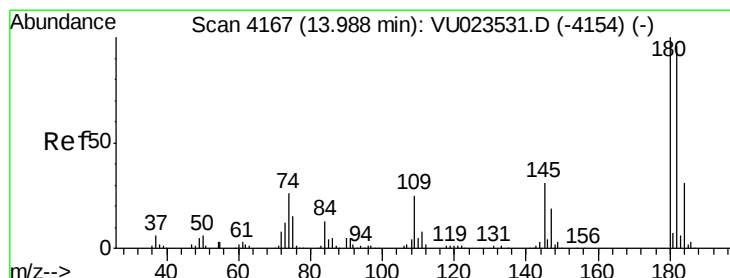
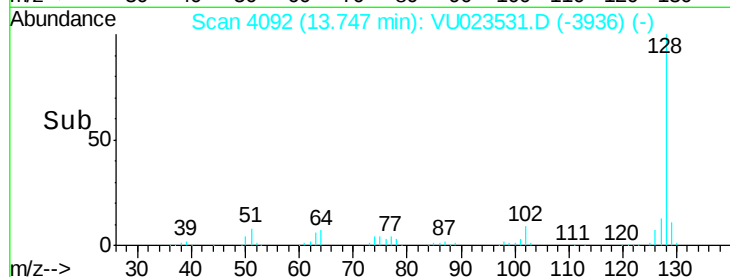
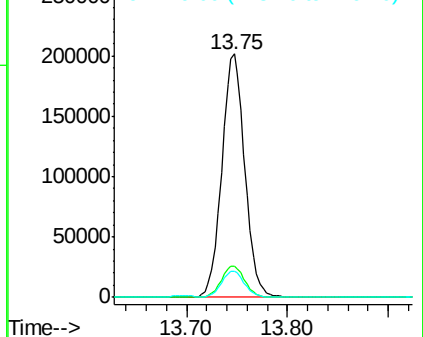
129 10.9 8.7 13.1



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



#90

1,2,3-Trichlorobenzene

Concen: 9.32 ug/l

RT: 13.99 min Scan# 4167

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

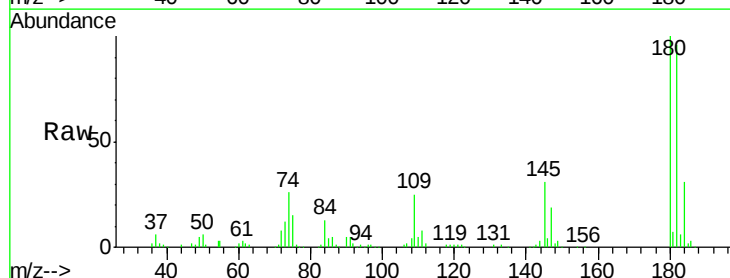
Tgt Ion:180 Resp: 183007

Ion Ratio Lower Upper

180 100

182 96.0 76.8 115.2

145 30.7 24.6 36.8



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

