

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U0103019\
 Data File : VU035554.D
 Acq On : 30 Oct 2019 11:55
 Operator : JC/SP
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 31 01:14:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102919DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 30 07:13:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.16	96	76615	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.66	95	30034	1.09	ug/l	0.00
Spiked Amount 1.000			Recovery	=	109.00%	
68) 1,2-Dichlorobenzene-d4	12.22	152	31156	1.06	ug/l	0.00
Spiked Amount 1.000			Recovery	=	106.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.40	85	284758	9.490	ug/l	99
3) Chloromethane	1.54	50	338003	9.193	ug/l	99
4) Vinyl Chloride	1.62	62	307889	9.449	ug/l	100
5) Bromomethane	1.87	94	149116	9.002	ug/l	100
6) Chloroethane	1.95	64	180520	9.638	ug/l	99
7) Trichlorofluoromethane	2.16	101	390422	9.697	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	207159	9.494	ug/l	99
9) 1,1-Dichloroethene	2.61	96	198682	9.436	ug/l	99
10) Iodomethane	2.75	142	131267	9.029	ug/l	99
11) Allyl Chloride	2.96	41	335238	9.477	ug/l	100
12) Acrylonitrile	3.37	53	102104	19.319	ug/l	99
13) Acetone	2.67	43	224011	43.668	ug/l	100
14) Carbon Disulfide	2.82	76	688644	9.250	ug/l	100
15) Methylene Chloride	3.08	84	240799	8.894	ug/l	98
16) trans-1,2-Dichloroethene	3.39	96	219602	9.484	ug/l	100
17) 1,1-Dichloroethane	3.92	63	418757	9.654	ug/l	98
18) 2-Butanone	4.78	43	313542	47.158	ug/l	100
19) Cyclohexane	5.43	56	310013	9.019	ug/l	99
20) Methylcyclohexane	6.80	83	350891	9.951	ug/l	99
21) 2,2-Dichloropropane	4.72	77	352951	9.429	ug/l	99
22) cis-1,2-Dichloroethene	4.72	96	249077	10.051	ug/l	99
23) Diethyl Ether	2.41	59	168640	9.713	ug/l	97
24) tert-Butyl Alcohol	3.26	59	176298	91.106	ug/l	99
25) Methyl tert-Butyl Ether	3.43	73	542457	9.609	ug/l	99
26) Bromochloromethane	5.02	128	105565	9.540	ug/l	99
27) Chloroform	5.14	83	421414	9.093	ug/l	100
28) 1,1,1-Trichloroethane	5.36	97	350064	9.534	ug/l	99
29) 1,1-Dichloropropene	5.57	75	307405	9.984	ug/l	100
30) Carbon Tetrachloride	5.57	117	315716	9.668	ug/l	99
31) Isopropyl Ether	4.07	45	596923	9.854	ug/l	98
32) Ethyl-t-butyl ether	4.57	59	560373	9.992	ug/l	99
33) Tert-Amyl methyl ether	6.00	73	505077	10.472	ug/l	99
34) Propionitrile	4.85	54	91180	47.348	ug/l	98
35) Benzene	5.82	78	924116	9.836	ug/l	98
36) 1,2-Dichloroethane	5.84	62	260482	9.677	ug/l	99
37) Trichloroethene	6.58	130	247594	9.487	ug/l	99
38) 1,2-Dichloropropane	6.84	63	248103	9.630	ug/l	99
39) Methacrylonitrile	5.04	41	70649	9.771	ug/l	97
40) Methyl acrylate	4.91	55	115394	10.481	ug/l	99
41) Tetrahydrofuran	5.14	42	72848	19.597	ug/l #	38
42) 1-Chlorobutane	5.50	56	422820	9.981	ug/l	100

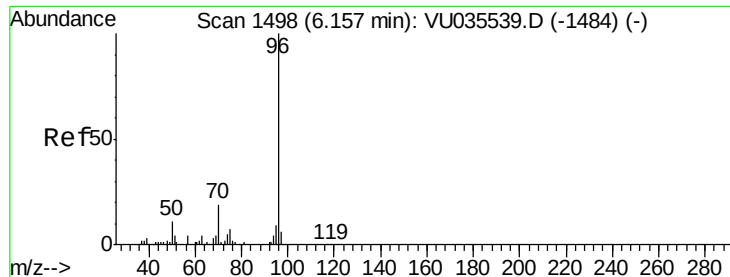
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U103019\
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 30 07:13:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.96	93	125231	9.731	ug/l	98
44) Bromodichloromethane	7.15	83	311195	9.704	ug/l	99
45) 4-Methyl-2-Pentanone	7.84	43	697000	50.786	ug/l	100
46) t-1,4-Dichloro-2-butene	10.86	75	255794	51.282	ug/l #	63
47) Methyl methacrylate	7.01	69	229395	21.521	ug/l	96
48) Ethyl methacrylate	8.38	69	200600	10.770	ug/l	99
49) Toluene	8.01	92	569358	10.536	ug/l	100
50) t-1,3-Dichloropropene	8.25	75	289411	10.191	ug/l	100
51) cis-1,3-Dichloropropene	7.65	75	342685	10.171	ug/l	98
52) 1,1,2-Trichloroethane	8.44	97	174792	9.691	ug/l	98
53) 1,3-Dichloropropane	8.61	76	309059	10.111	ug/l	99
54) 2-Hexanone	8.73	43	494296	50.683	ug/l	99
55) Dibromochloromethane	8.84	129	221777	10.071	ug/l	100
56) 1,2-Dibromoethane	8.96	107	169210	10.255	ug/l	99
58) Tetrachloroethene	8.58	164	236343	9.879	ug/l	98
59) Chlorobenzene	9.48	112	637125	10.226	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.56	131	235719	9.840	ug/l	99
61) Pentachloroethane	11.46	117	190474	9.758	ug/l	99
62) Hexachloroethane	12.50	117	178204	9.993	ug/l	99
63) Ethyl Benzene	9.60	91	1062513	10.981	ug/l	99
64) m/p-Xylenes	9.72	106	861642	22.553	ug/l #	1
65) o-Xylene	10.13	106	403462	10.929	ug/l	100
66) Styrene	10.14	104	707083	11.571	ug/l	100
67) Bromoform	10.32	173	138150	10.111	ug/l	99
69) Isopropylbenzene	10.51	105	1053200	10.942	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.81	83	234889	9.767	ug/l #	65
71) 1,2,3-Trichloropropane	10.86	75	255794	14.163	ug/l	77
72) Bromobenzene	10.81	156	279710	10.430	ug/l	97
73) n-propylbenzene	10.93	120	308826	11.489	ug/l	96
74) 2-Chlorotoluene	11.01	126	272036	10.793	ug/l	100
75) 1,3,5-Trimethylbenzene	11.11	105	902685	11.382	ug/l	100
76) 4-Chlorotoluene	11.12	126	283255	11.066	ug/l	98
77) tert-Butylbenzene	11.45	119	887713	10.914	ug/l	100
78) 1,2,4-Trimethylbenzene	11.49	105	910659	11.346	ug/l	100
79) sec-Butylbenzene	11.67	105	1150373	11.056	ug/l	100
80) Nitrobenzene	13.24	77	20928	25.969	ug/l	96
81) p-Isopropyltoluene	11.82	119	948577	11.394	ug/l #	67
82) 1,3-Dichlorobenzene	11.77	146	533576	10.446	ug/l	99
83) 1,4-Dichlorobenzene	11.86	146	531758	10.856	ug/l	99
84) n-Butylbenzene	12.23	91	780038	11.416	ug/l	100
85) 1,2-Dichlorobenzene	12.24	146	499306	10.381	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	13.02	75	32032	10.459	ug/l	98
87) 1,2,4-Trichlorobenzene	13.86	180	203575	9.225	ug/l	99
88) Hexachlorobutadiene	14.04	225	169637	9.469	ug/l	100
89) Naphthalene	14.11	128	290019	8.907	ug/l	99
90) 1,2,3-Trichlorobenzene	14.35	180	205501	9.476	ug/l	100

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.16 min Scan# 1498

Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 96 Resp: 76615

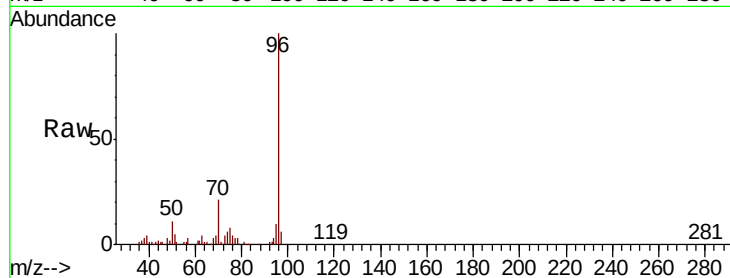
Ion Ratio Lower Upper

96 100

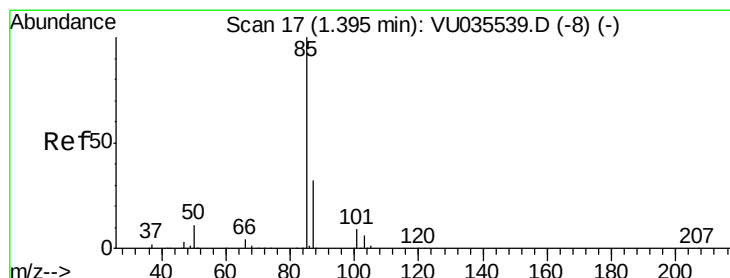
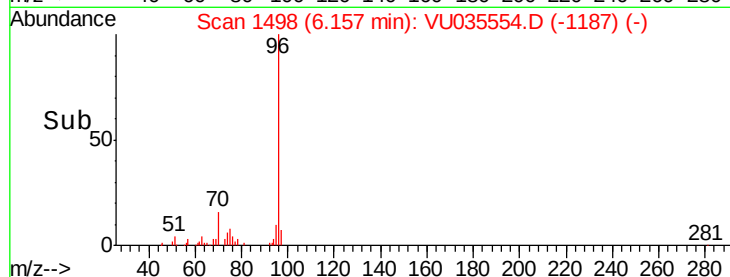
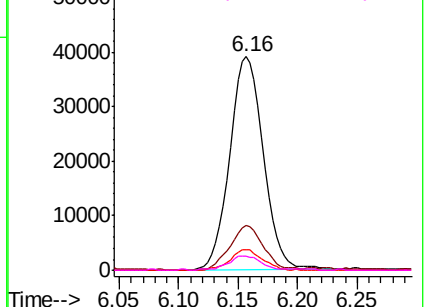
70 19.9 15.8 23.8

95 9.3 7.4 11.2

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: 9.490 ug/l

RT: 1.40 min Scan# 18

Delta R.T. 0.00 min

Lab File: VU035554.D

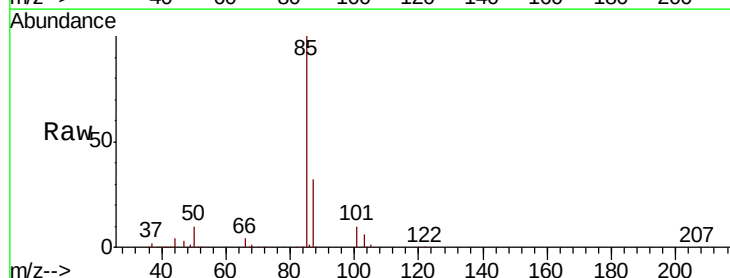
Acq: 30 Oct 2019 11:55

Tgt Ion: 85 Resp: 284758

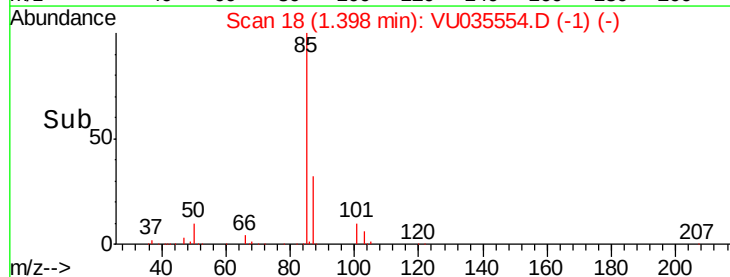
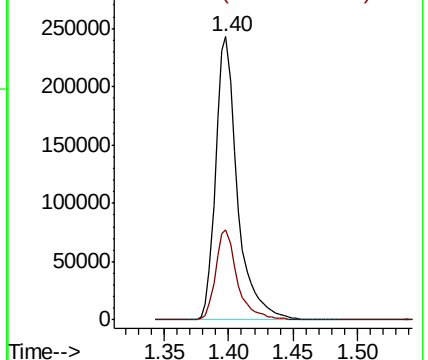
Ion Ratio Lower Upper

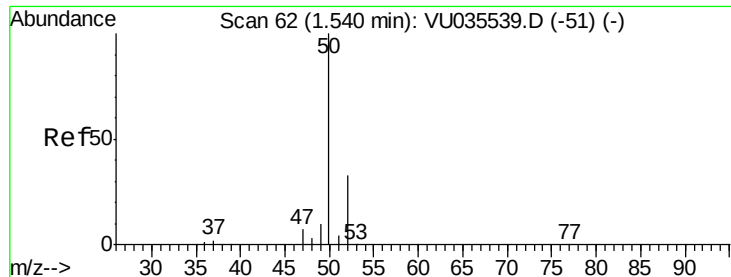
85 100

87 31.9 15.8 47.4



Abundance Ion 85.00 (84.70 to 85.70): VU0
Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 9.193 ug/l

RT: 1.54 min Scan# 62

Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

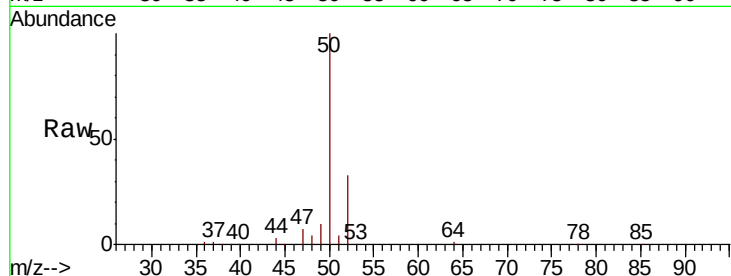
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 50 Resp: 338003

Ion Ratio Lower Upper

50 100

52 33.3 26.0 39.0



Abundance Ion 50.00 (49.70 to 50.70): VU035539.D (-51) (-)

Ion 52.00 (51.70 to 52.70): VU035539.D (-51) (-)

1.54

300000

250000

200000

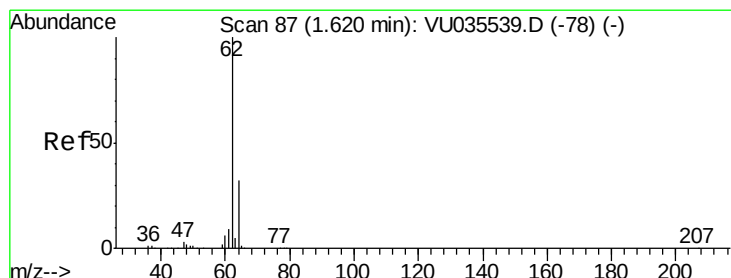
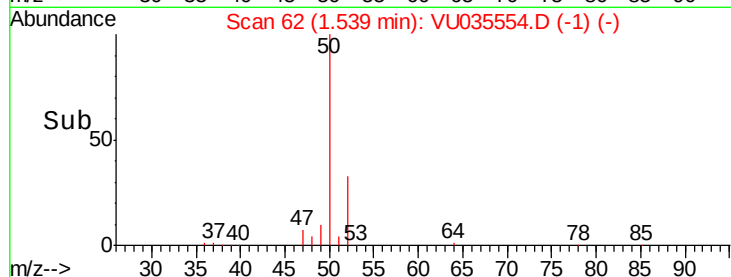
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 9.449 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VU035554.D

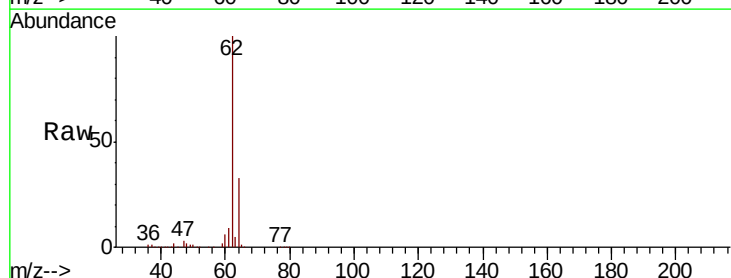
Acq: 30 Oct 2019 11:55

Tgt Ion: 62 Resp: 307889

Ion Ratio Lower Upper

62 100

64 32.1 25.6 38.4



Abundance Ion 62.00 (61.70 to 62.70): VU035539.D (-78) (-)

Ion 64.00 (63.70 to 64.70): VU035539.D (-78) (-)

1.62

300000

250000

200000

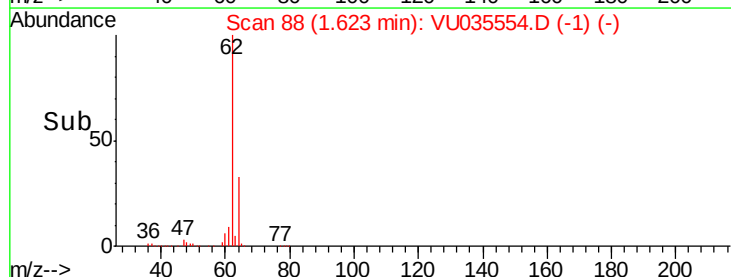
150000

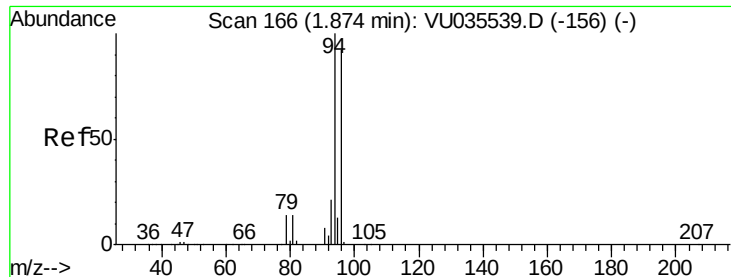
100000

50000

0

Time-->

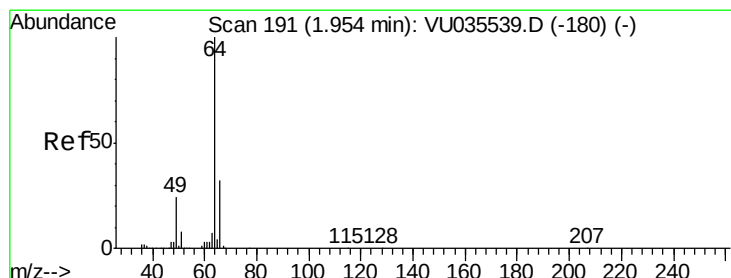
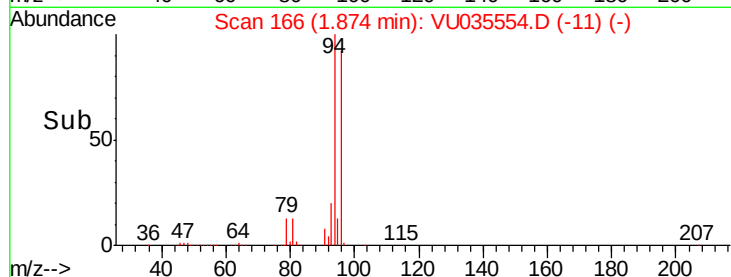
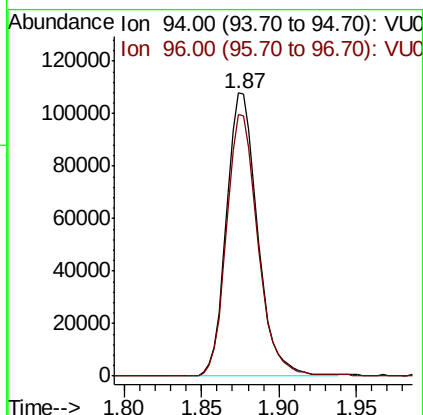
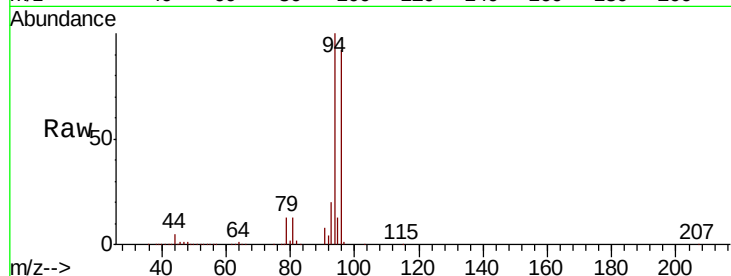




#5
Bromomethane
Concen: 9.002 ug/l
RT: 1.87 min Scan# 166
Delta R.T. -0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

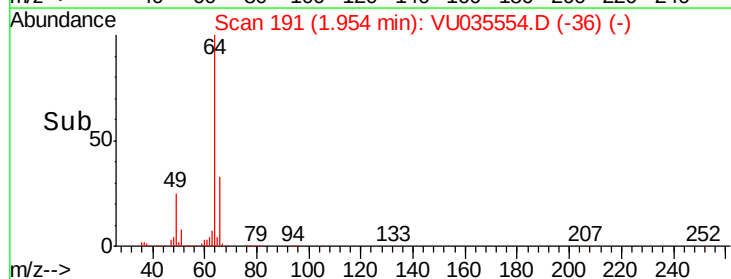
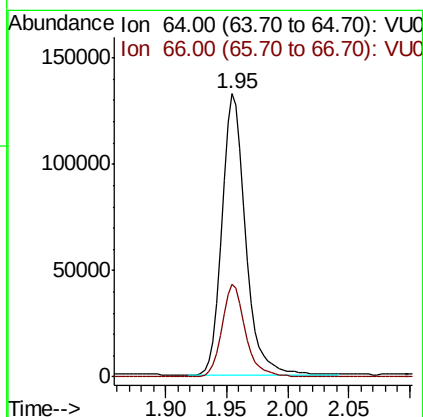
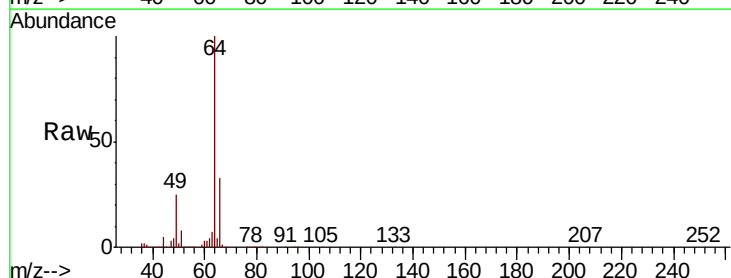
Instrument :
MSVOA_U
ClientSampled :

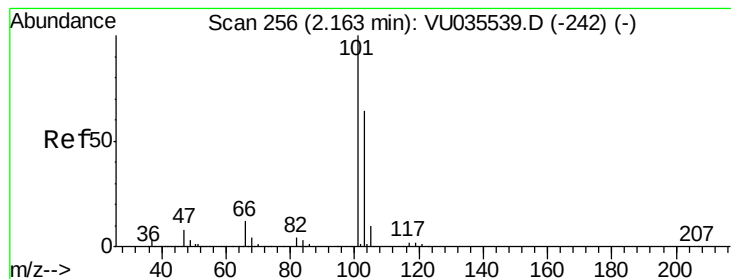
Tot Ion: 94 Resp: 149116
Ion Ratio Lower Upper
94 100
96 92.4 73.8 110.8



#6
Chloroethane
Concen: 9.638 ug/l
RT: 1.95 min Scan# 191
Delta R.T. -0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Tgt Ion: 64 Resp: 180520
Ion Ratio Lower Upper
64 100
66 32.9 25.9 38.9



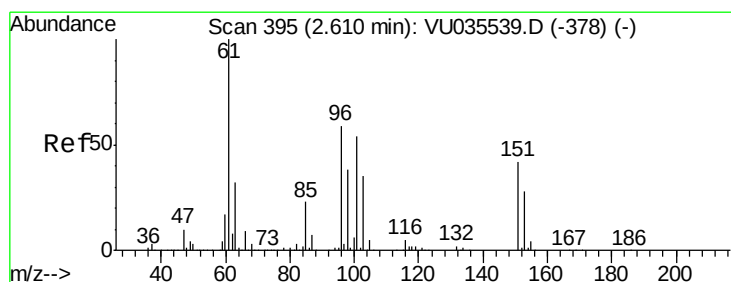
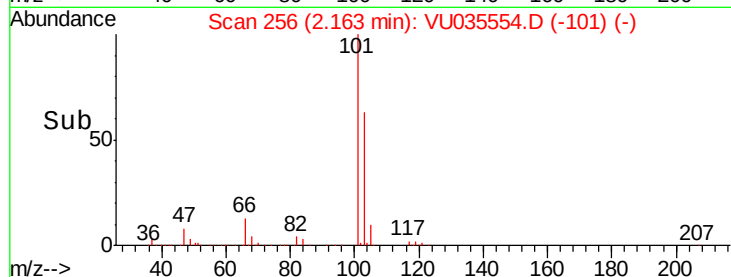
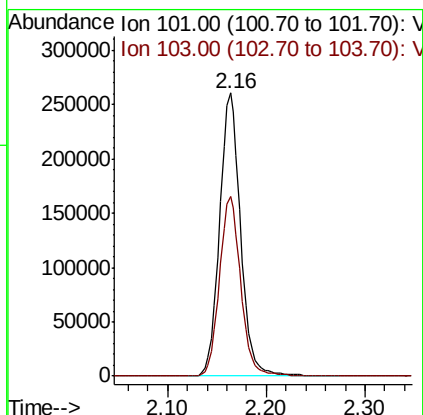
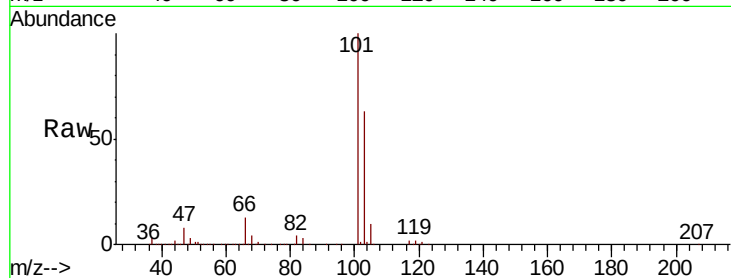


#7

Trichlorofluoromethane
Concen: 9.697 ug/l
RT: 2.16 min Scan# 256
Delta R.T. -0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Instrument :
MSVOA_U
ClientSampleId :

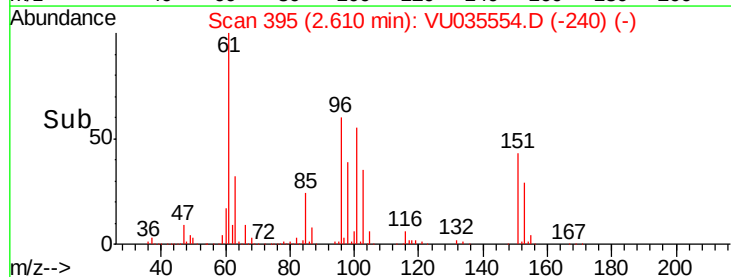
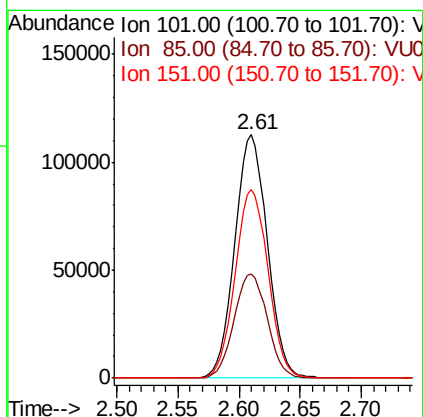
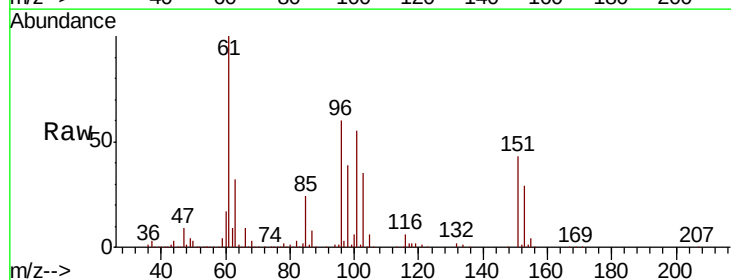
Tot Ion	Ratio	Lower	Upper
101	100		
103	63.4	51.0	76.6

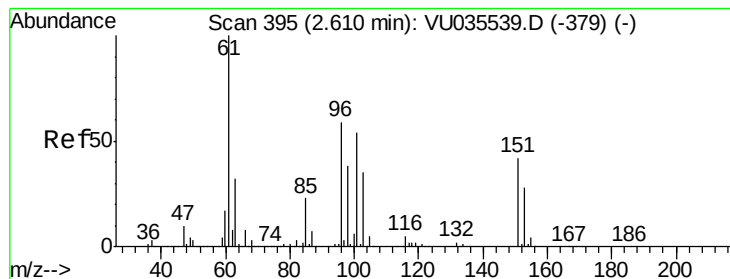


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.494 ug/l
RT: 2.61 min Scan# 395
Delta R.T. -0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Tgt Ion	Ratio	Lower	Upper
101	100		
85	44.1	35.8	53.6
151	78.8	61.8	92.6





#9

1,1-Dichloroethene

Concen: 9.436 ug/l

RT: 2.61 min Scan# 395

Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

Instrument :
MSVOA_U
ClientSampled :

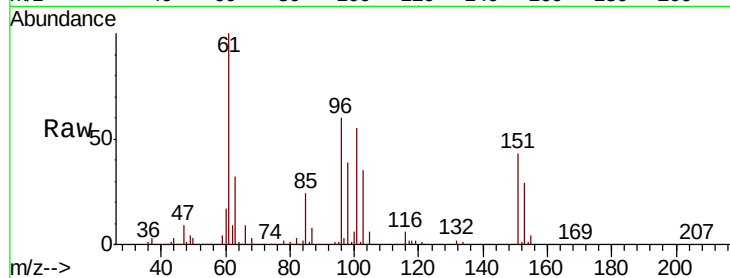
Tot Ion: 96 Resp: 198682

Ion Ratio Lower Upper

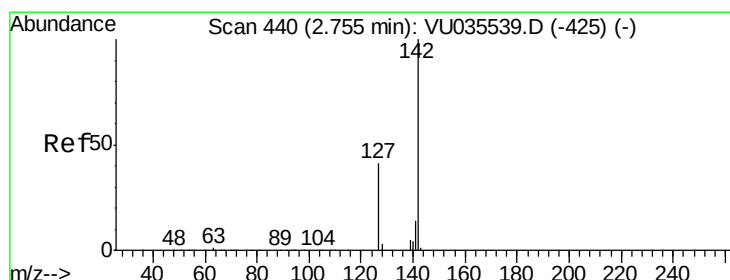
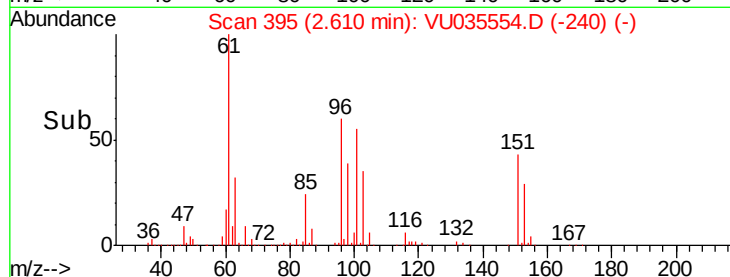
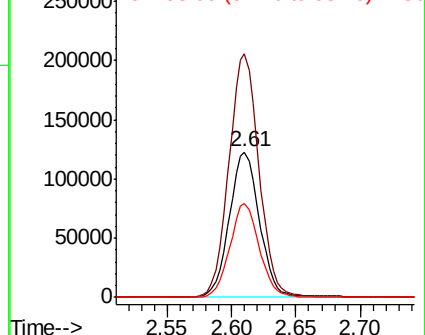
96 100

61 167.9 0.0 508.8

98 64.8 0.0 130.4



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0



#10

Iodomethane

Concen: 9.029 ug/l

RT: 2.75 min Scan# 440

Delta R.T. -0.00 min

Lab File: VU035554.D

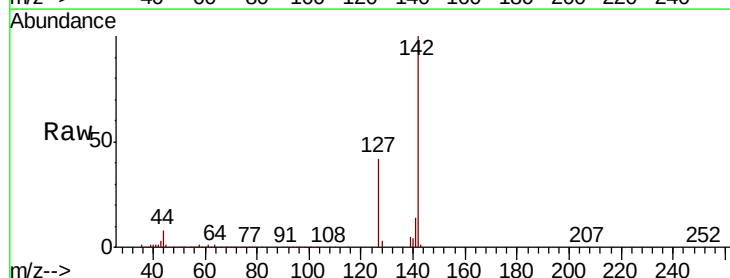
Acq: 30 Oct 2019 11:55

Tgt Ion: 142 Resp: 131267

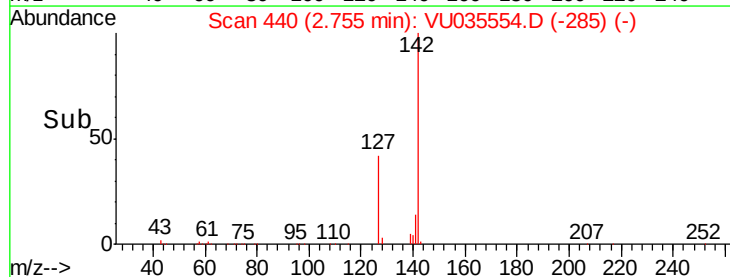
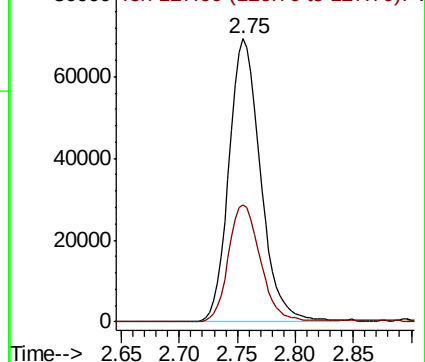
Ion Ratio Lower Upper

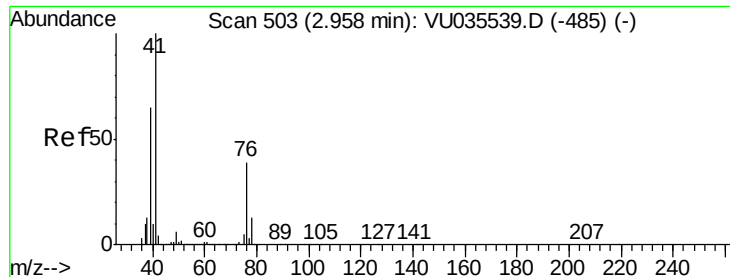
142 100

127 42.1 33.4 50.0



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V

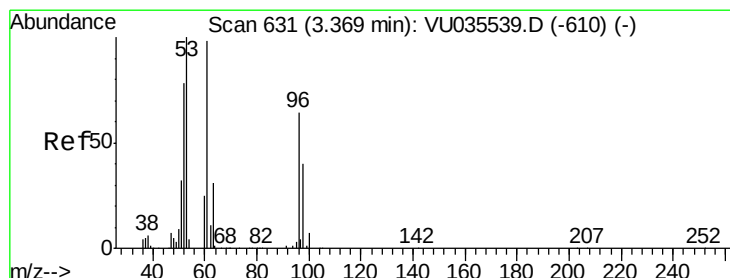
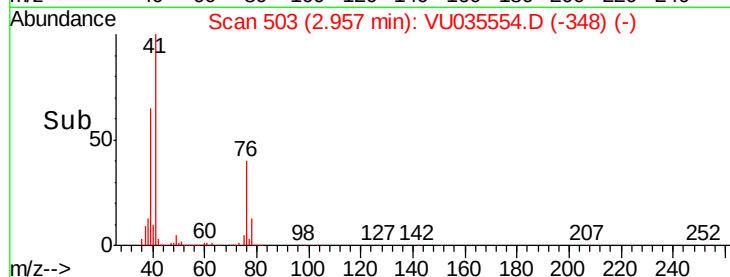
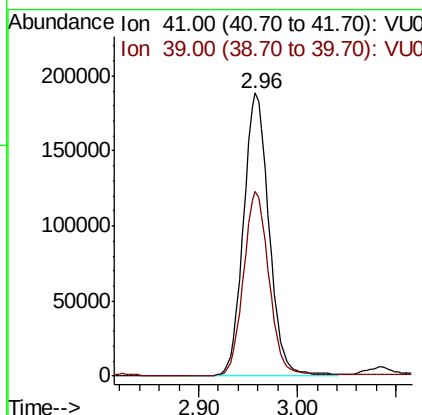
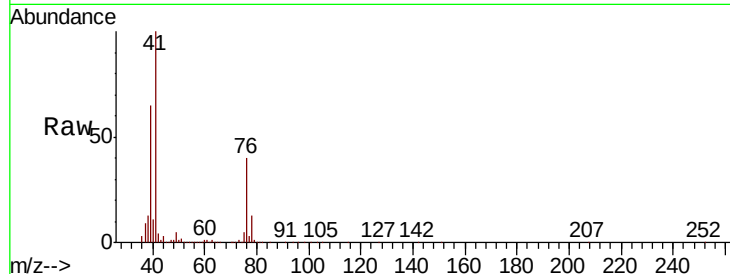




#11
Allvl Chloride
Concen: 9.477 ug/l
RT: 2.96 min Scan# 503
Delta R.T. -0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

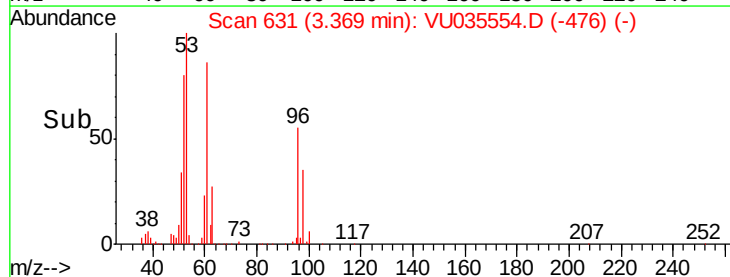
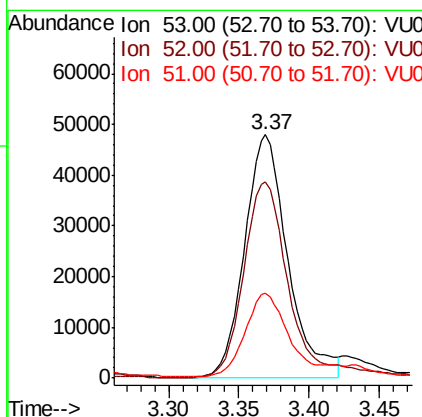
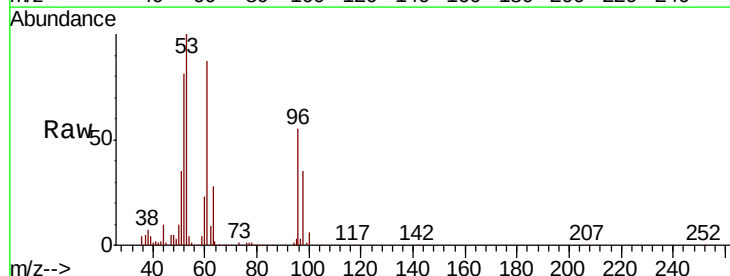
Instrument :
MSVOA_U
ClientSampleId :

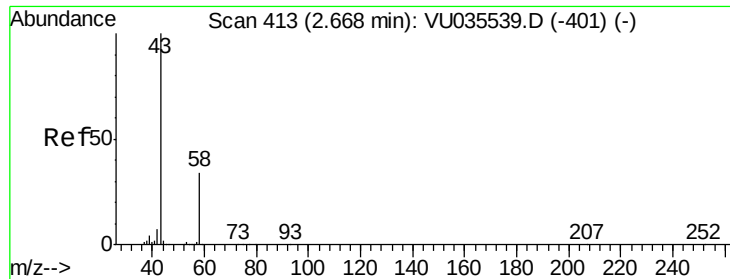
Tot Ion: 41 Resp: 335238
Ion Ratio Lower Upper
41 100
39 65.3 52.0 78.0



#12
Acrylonitrile
Concen: 19.319 ug/l
RT: 3.37 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Tgt Ion: 53 Resp: 102104
Ion Ratio Lower Upper
53 100
52 85.4 67.4 101.0
51 34.2 27.0 40.4





#13

Acetone

Concen: 43.668 ug/l

RT: 2.67 min Scan# 413

Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

Instrument :

MSVOA_U

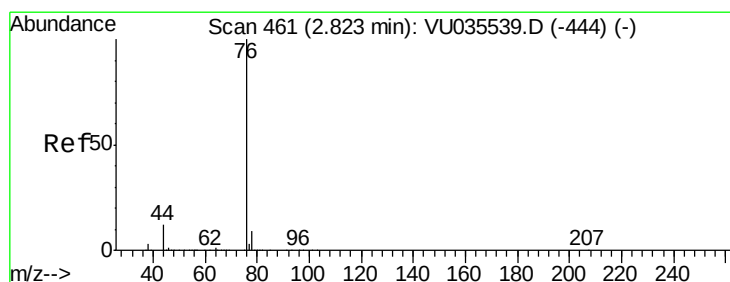
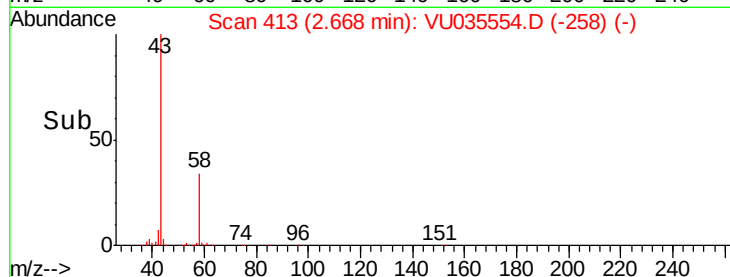
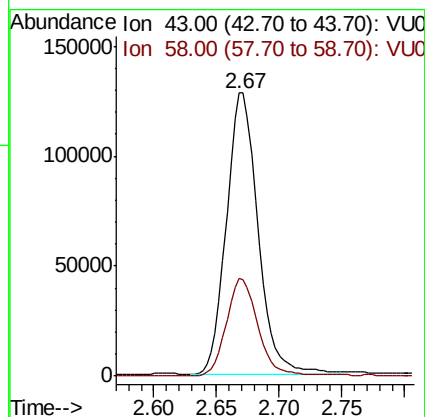
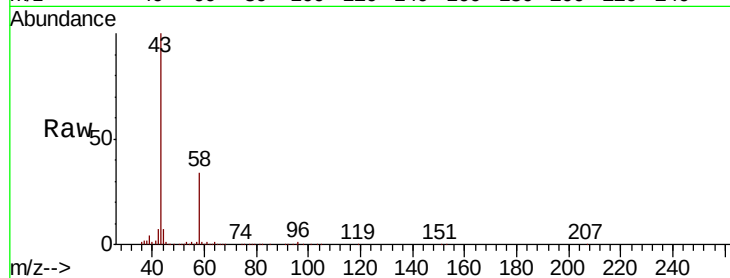
ClientSampled :

Tot Ion: 43 Resp: 224011

Ion Ratio Lower Upper

43 100

58 34.3 27.6 41.4



#14

Carbon Disulfide

Concen: 9.250 ug/l

RT: 2.82 min Scan# 461

Delta R.T. -0.00 min

Lab File: VU035554.D

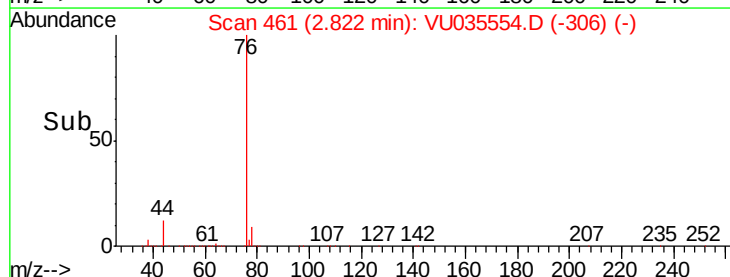
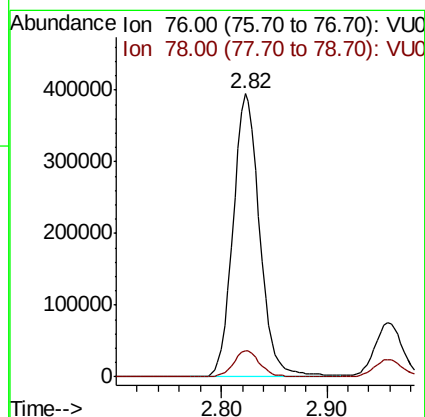
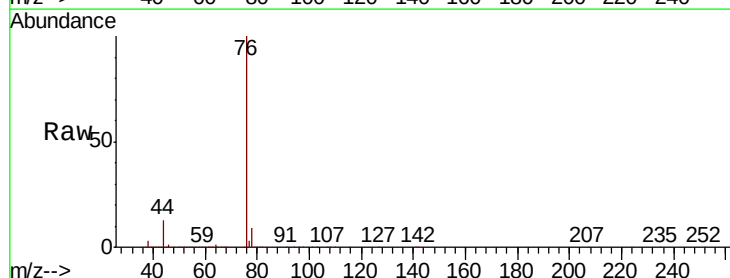
Acq: 30 Oct 2019 11:55

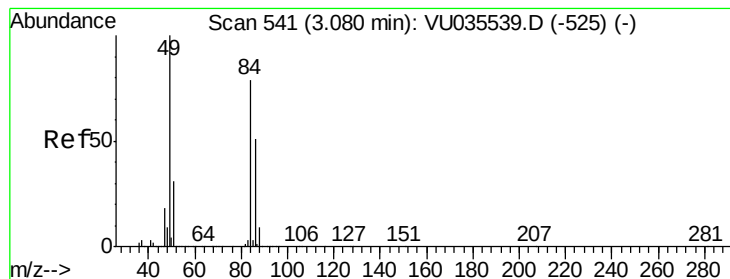
Tgt Ion: 76 Resp: 688644

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2





#15

Methylene Chloride

Concen: 8.894 ug/l

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 84 Resp: 240799

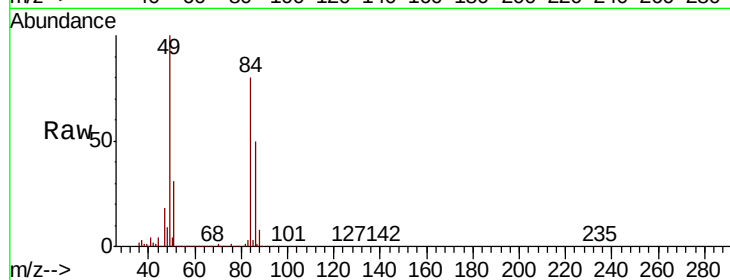
Ion Ratio Lower Upper

84 100

49 125.2 101.5 152.3

51 39.1 0.0 78.6

86 62.9 52.2 78.2

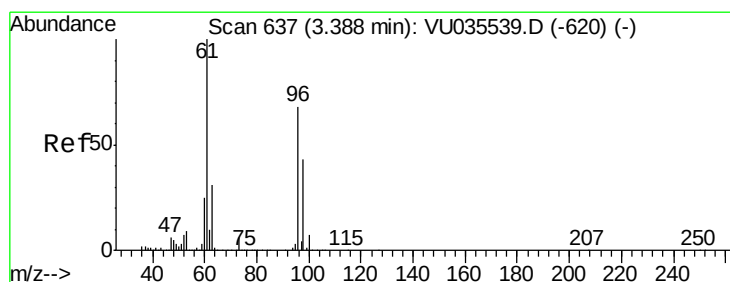
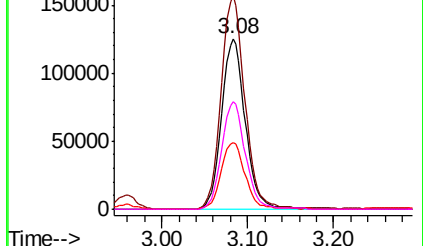
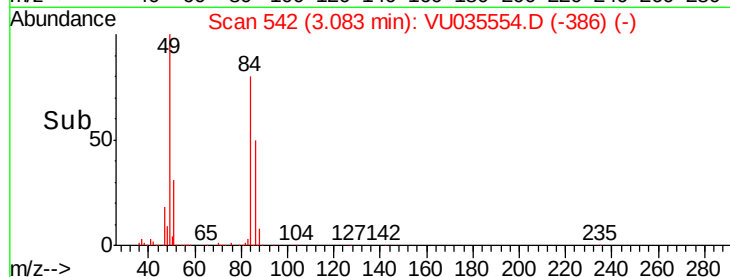


Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

Ion 51.00 (50.70 to 51.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#16

trans-1,2-Dichloroethene

Concen: 9.484 ug/l

RT: 3.39 min Scan# 638

Delta R.T. 0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

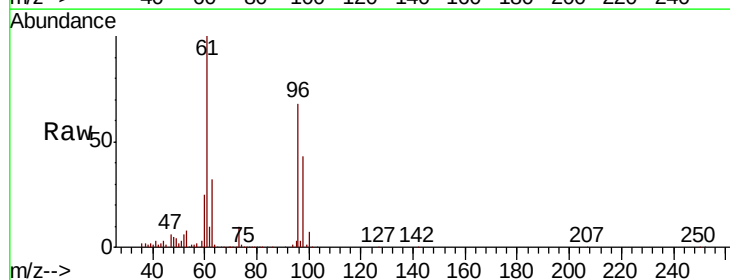
Tgt Ion: 96 Resp: 219602

Ion Ratio Lower Upper

96 100

61 146.7 117.8 176.8

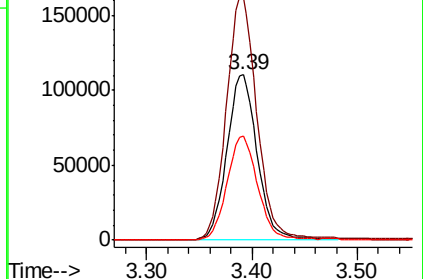
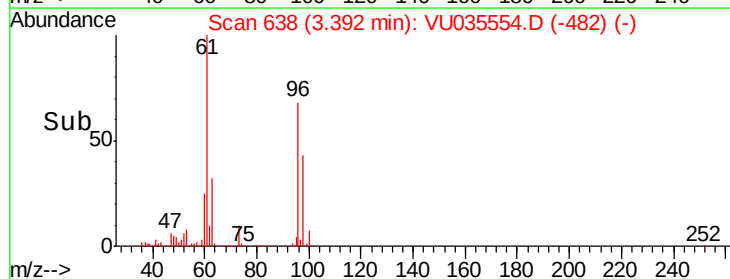
98 62.8 50.2 75.2

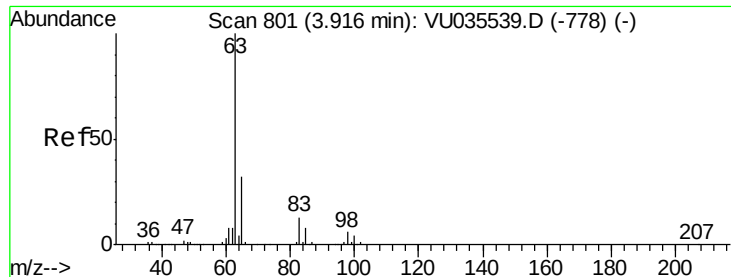


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

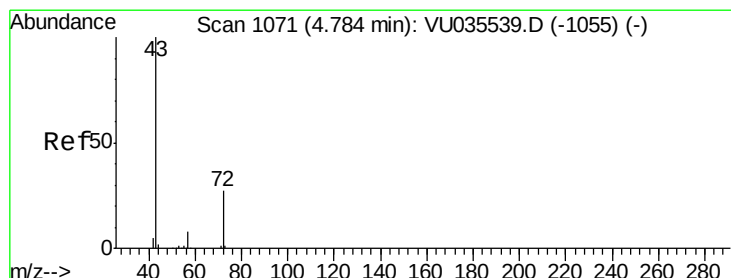
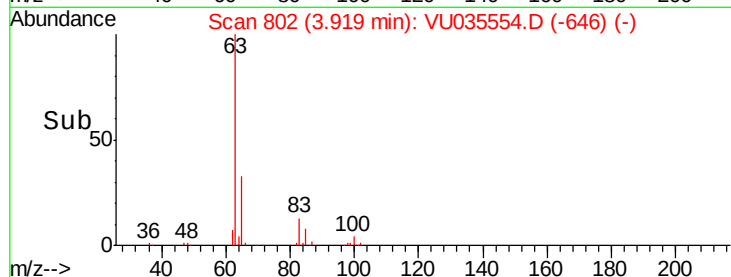
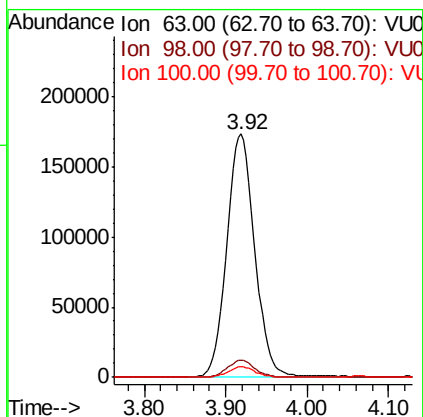
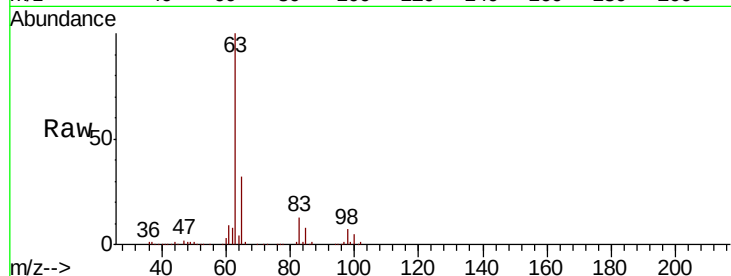




#17
 1,1-Dichloroethane
 Concen: 9.654 ug/l
 RT: 3.92 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: VU035554.D
 Acq: 30 Oct 2019 11:55

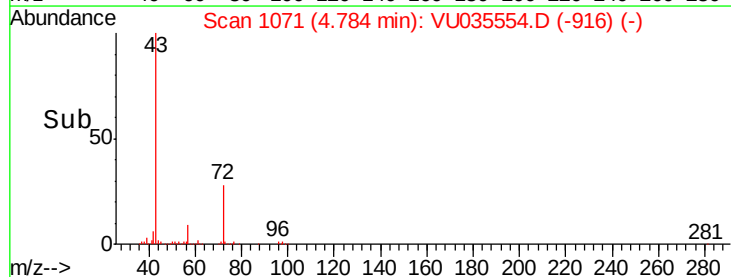
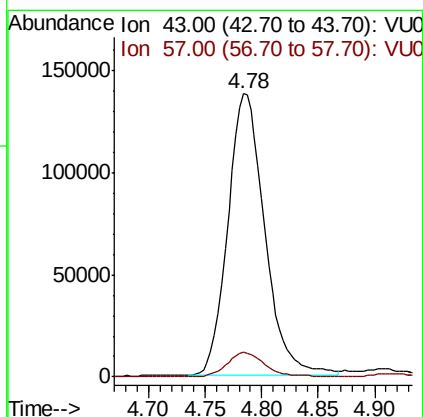
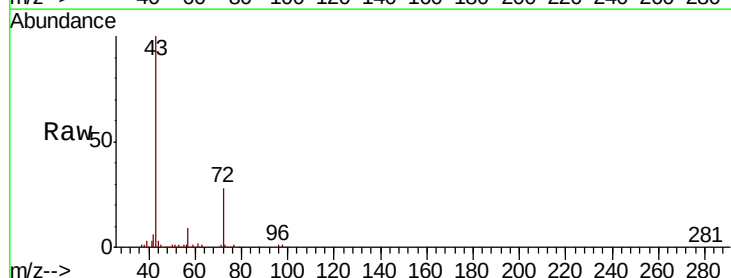
Instrument :
 MSVOA_U
 ClientSampleId :

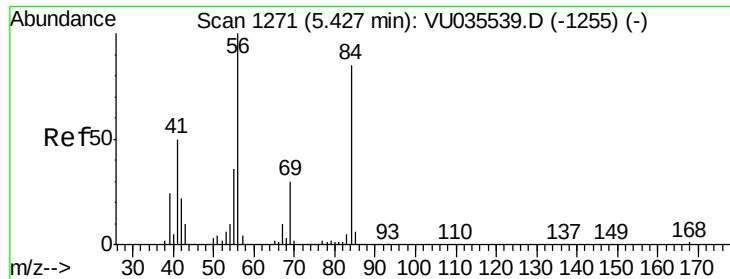
Tot Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.1	9.3
100	4.5	2.1	6.3



#18
 2-Butanone
 Concen: 47.158 ug/l
 RT: 4.78 min Scan# 1071
 Delta R.T. -0.00 min
 Lab File: VU035554.D
 Acq: 30 Oct 2019 11:55

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.5	0.0	17.0

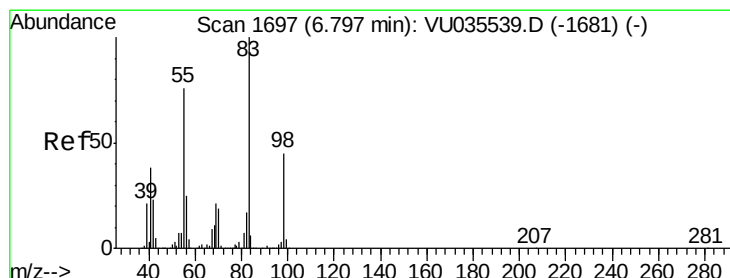
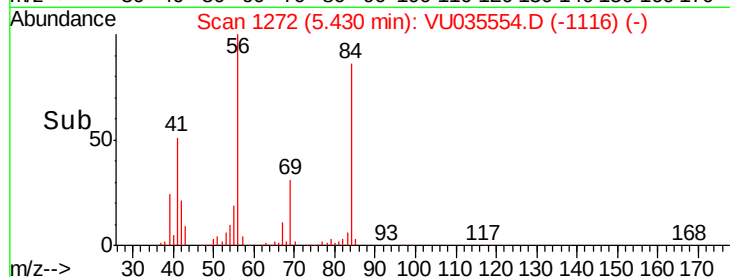
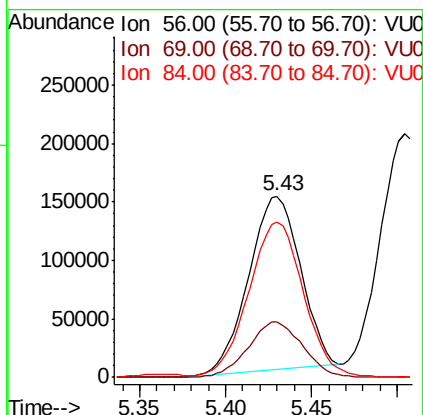
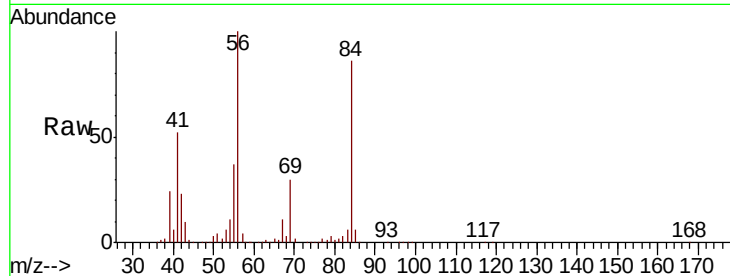




#19
Cyclohexane
Concen: 9.019 ug/l
RT: 5.43 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

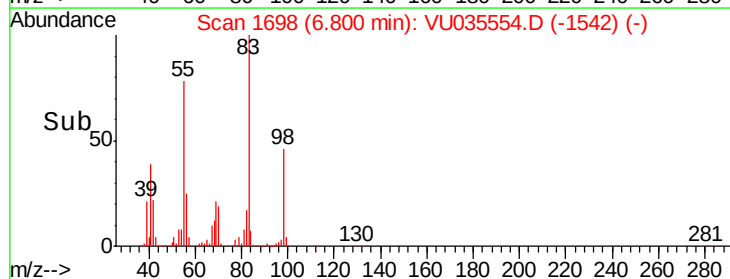
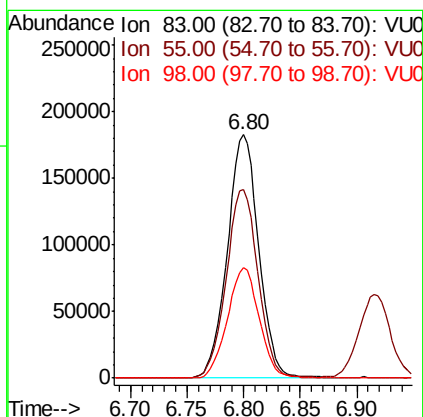
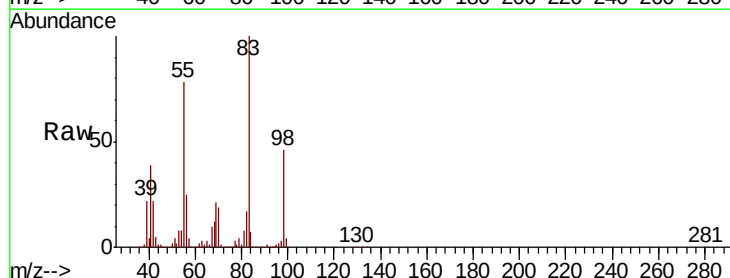
Instrument :
MSVOA_U
ClientSampleId :

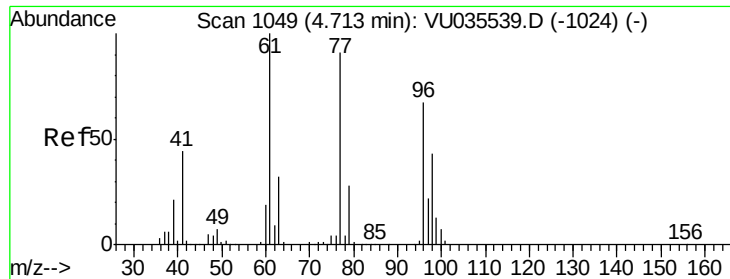
Tot Ion: 56 Resp: 310013
Ion Ratio Lower Upper
56 100
69 33.5 26.4 39.6
84 92.5 72.9 109.3



#20
Methylcyclohexane
Concen: 9.951 ug/l
RT: 6.80 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Tgt Ion: 83 Resp: 350891
Ion Ratio Lower Upper
83 100
55 78.2 61.2 91.8
98 46.0 36.7 55.1

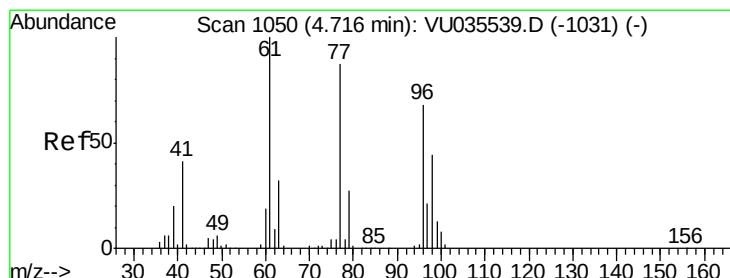
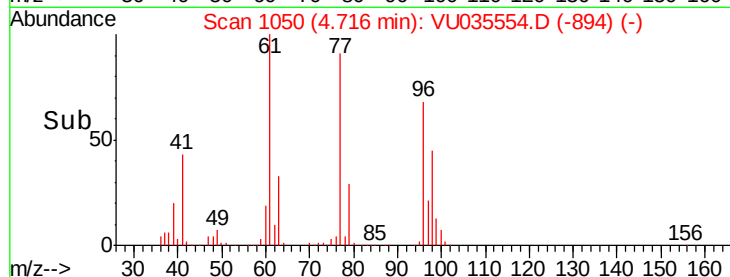
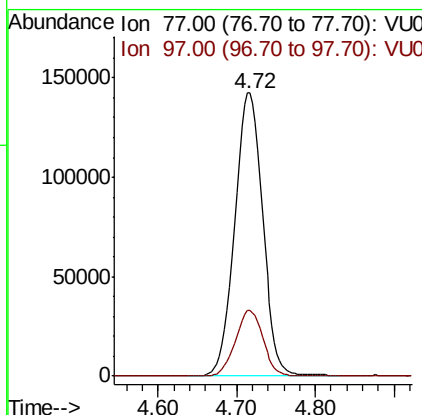
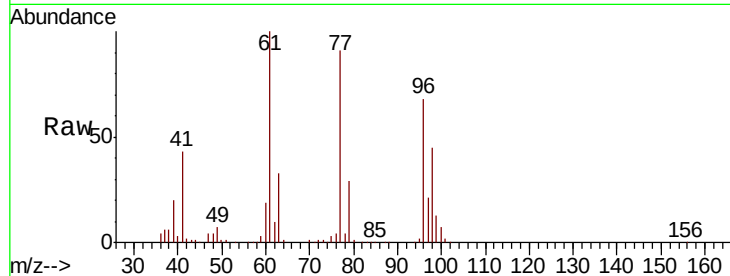




#21
 2,2-Dichloropropane
 Concen: 9.429 ug/l
 RT: 4.72 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VU035554.D
 Acq: 30 Oct 2019 11:55

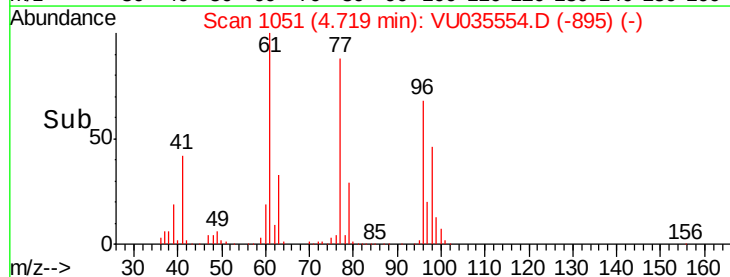
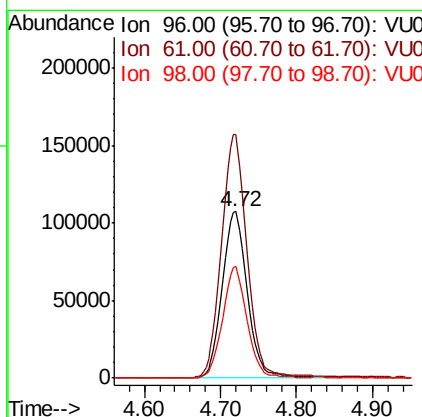
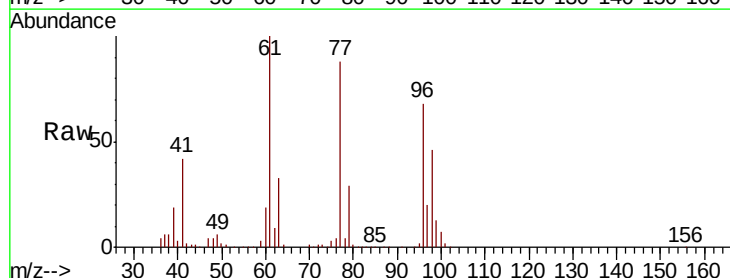
Instrument :
 MSVOA_U
 ClientSampleId :

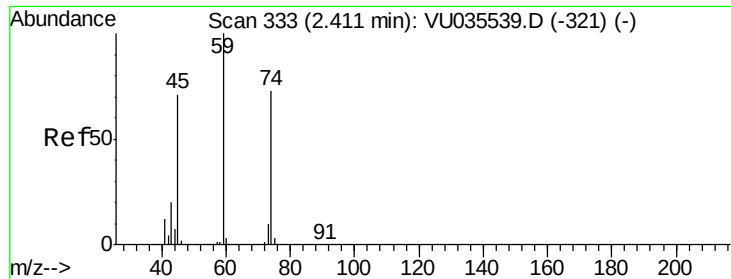
Tot Ion: 77 Resp: 352951
 Ion Ratio Lower Upper
 77 100
 97 23.0 18.8 28.2



#22
 cis-1,2-Dichloroethene
 Concen: 10.051 ug/l
 RT: 4.72 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VU035554.D
 Acq: 30 Oct 2019 11:55

Tgt Ion: 96 Resp: 249077
 Ion Ratio Lower Upper
 96 100
 61 146.4 0.0 370.5
 98 64.9 31.8 95.4

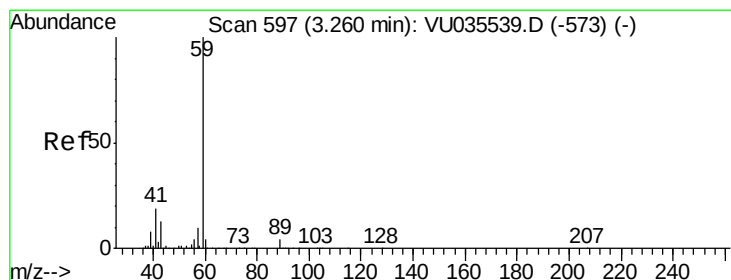
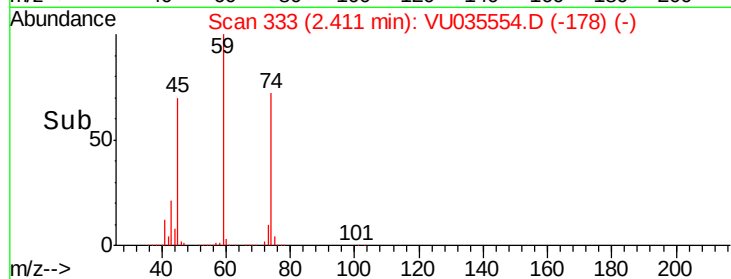
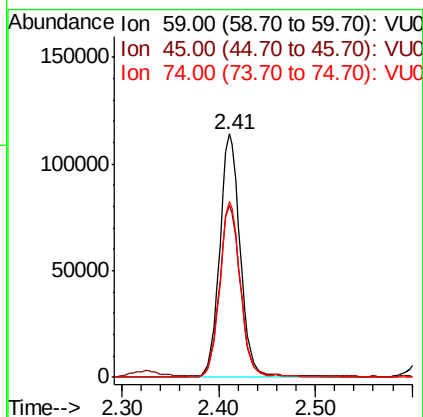
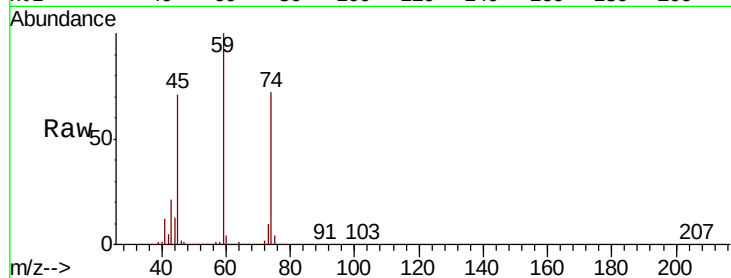




#23
Diethyl Ether
Concen: 9.713 ug/l
RT: 2.41 min Scan# 333
Delta R.T. -0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

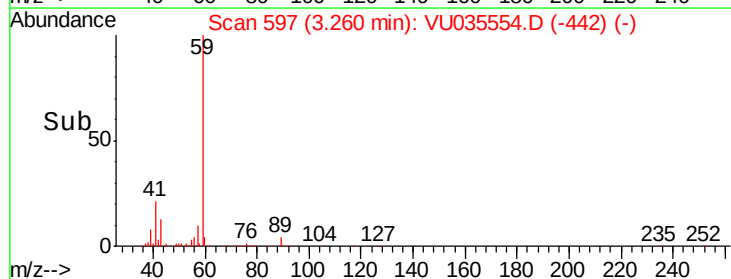
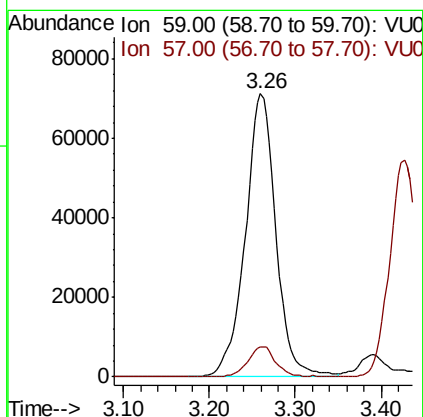
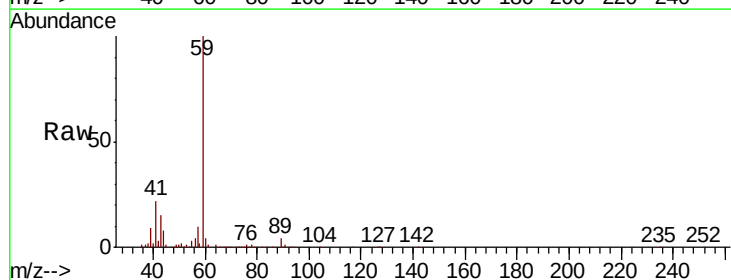
Instrument :
MSVOA_U
ClientSampleId :

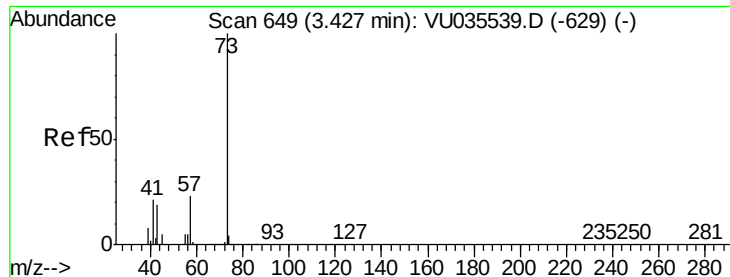
Tot Ion: 59 Resp: 168640
Ion Ratio Lower Upper
59 100
45 69.6 56.9 85.3
74 71.1 59.5 89.3



#24
tert-Butyl Alcohol
Concen: 91.106 ug/l
RT: 3.26 min Scan# 597
Delta R.T. -0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Tgt Ion: 59 Resp: 176298
Ion Ratio Lower Upper
59 100
57 9.4 7.4 11.0





#25

Methyl tert-Butyl Ether

Concen: 9.609 ug/l

RT: 3.43 min Scan# 649

Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

Instrument :

MSVOA_U

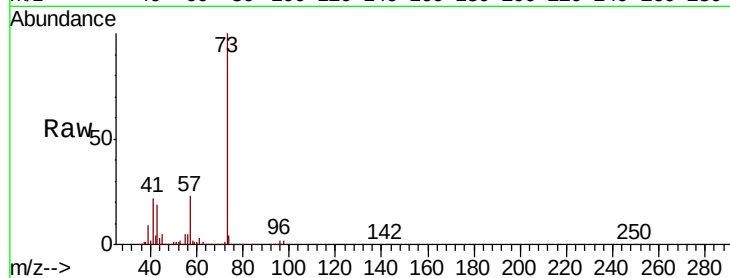
ClientSampled :

Tot Ion: 73 Resp: 542457

Ion Ratio Lower Upper

73 100

43 18.9 15.4 23.2



Abundance Ion 73.00 (72.70 to 73.70): VU035539.D (-629) (-)

Ion 43.00 (42.70 to 43.70): VU035539.D (-629) (-)

3.43

250000

200000

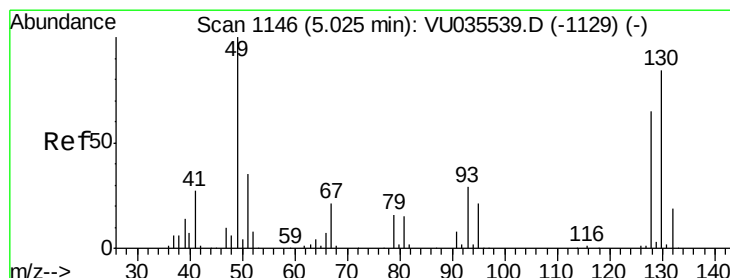
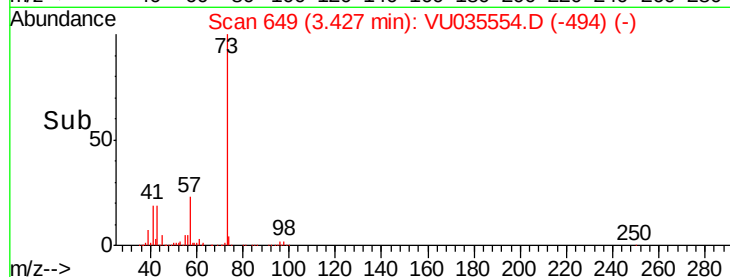
150000

100000

50000

0

Time--> 3.30 3.40 3.50



#26

Bromochloromethane

Concen: 9.540 ug/l

RT: 5.02 min Scan# 1146

Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

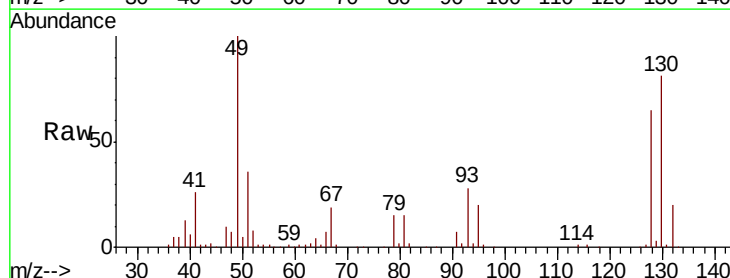
Tgt Ion: 128 Resp: 105565

Ion Ratio Lower Upper

128 100

49 155.3 0.0 309.0

130 128.7 101.8 152.8



Abundance Ion 128.00 (127.70 to 128.70): VU035539.D (-1129) (-)

Ion 49.00 (48.70 to 49.70): VU035539.D (-1129) (-)

Ion 130.00 (129.70 to 130.70): VU035539.D (-1129) (-)

100000

80000

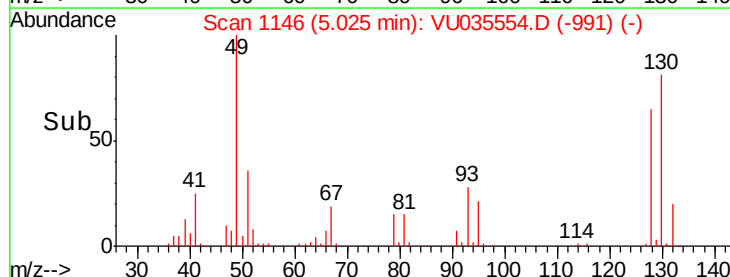
60000

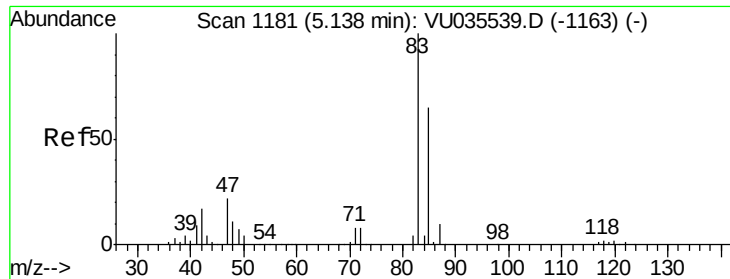
40000

20000

0

Time--> 4.90 5.00 5.10

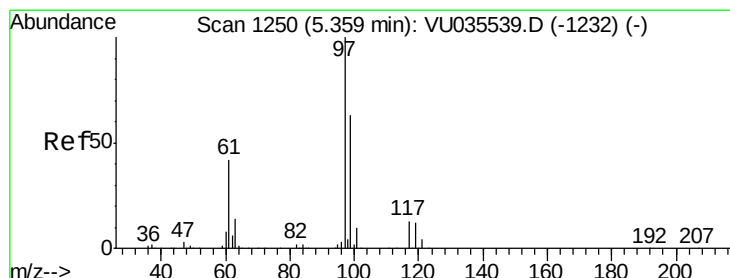
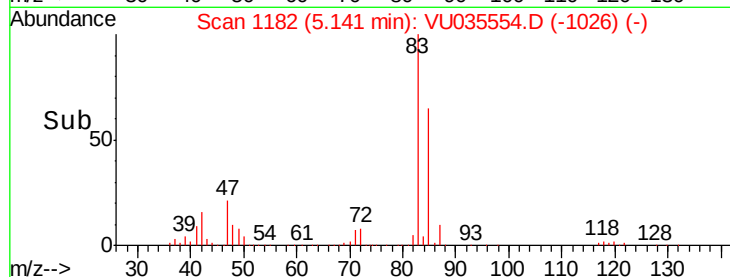
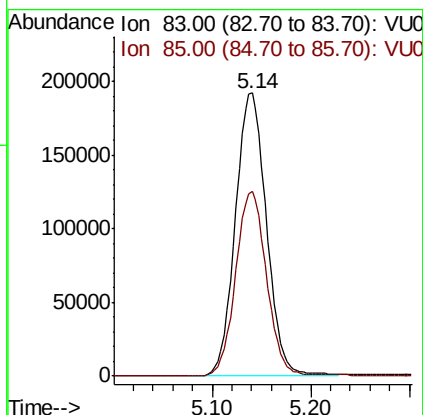
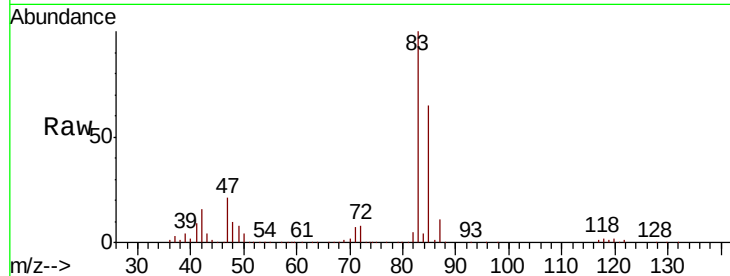




#27
Chloroform
Concen: 9.093 ug/l
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

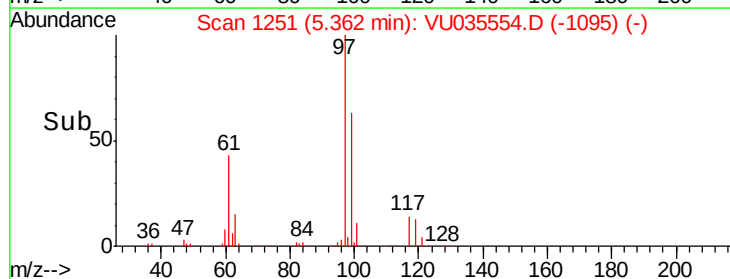
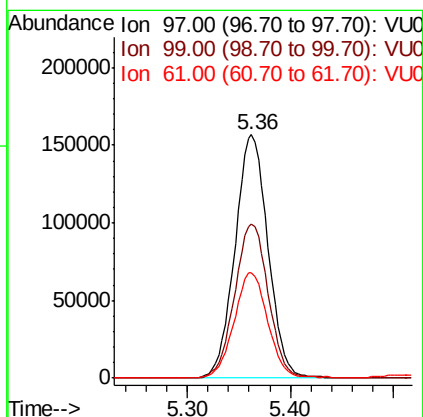
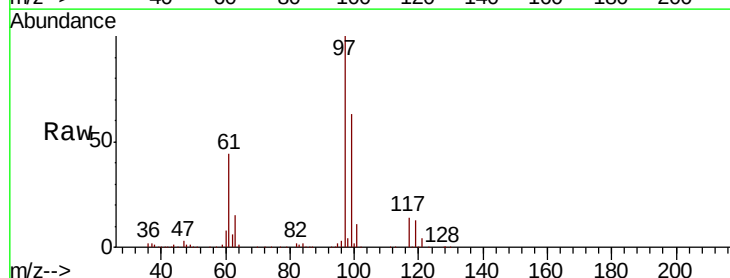
Instrument :
MSVOA_U
ClientSampleId :

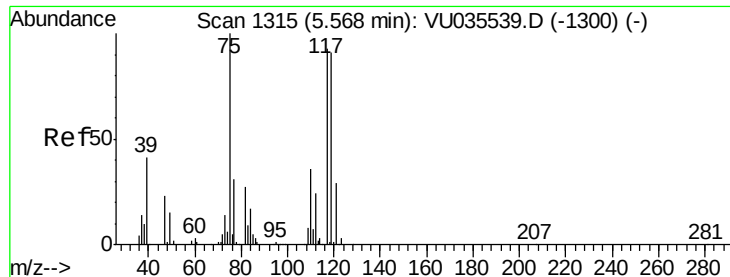
Tot Ion: 83 Resp: 421414
Ion Ratio Lower Upper
83 100
85 65.2 0.0 130.6



#28
1,1,1-Trichloroethane
Concen: 9.534 ug/l
RT: 5.36 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Tgt Ion: 97 Resp: 350064
Ion Ratio Lower Upper
97 100
99 64.5 32.6 97.7
61 43.9 21.8 65.4





#29

1,1-Dichloropropene

Concen: 9.984 ug/l

RT: 5.57 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

Instrument :

MSVOA_U

ClientSampleId :

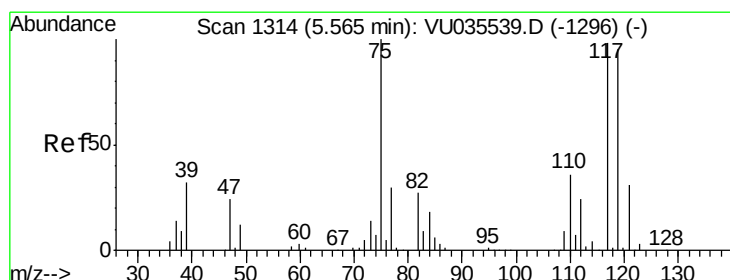
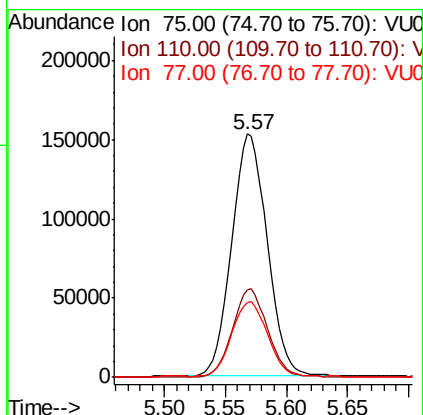
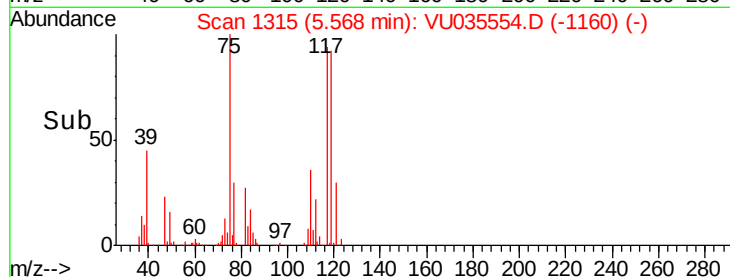
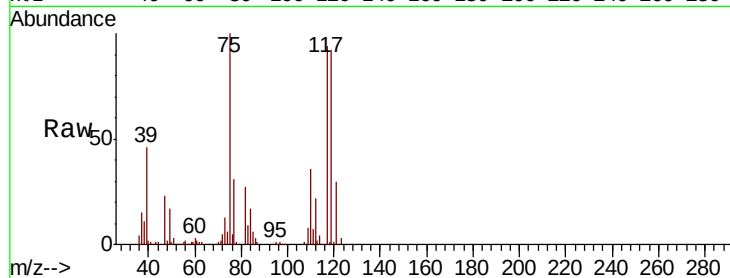
Tot Ion: 75 Resp: 307405

Ion Ratio Lower Upper

75 100

110 36.5 18.3 54.8

77 31.1 24.6 37.0



#30

Carbon Tetrachloride

Concen: 9.668 ug/l

RT: 5.57 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

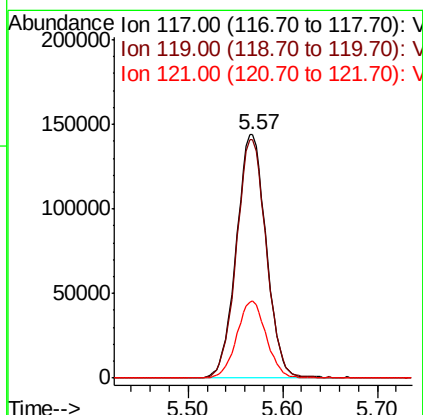
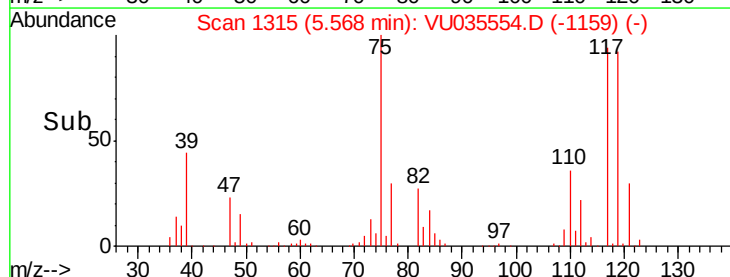
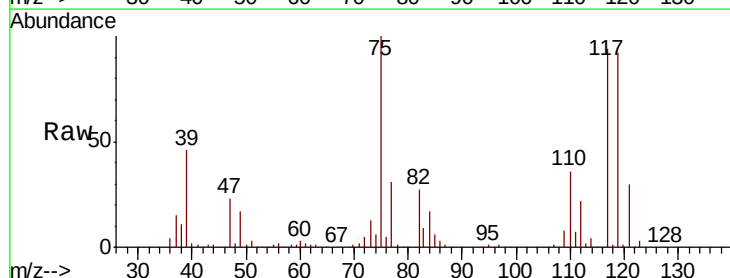
Tgt Ion: 117 Resp: 315716

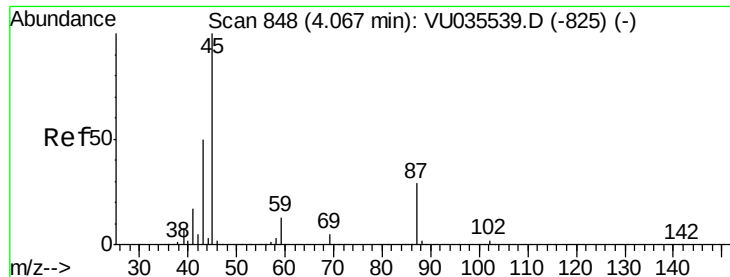
Ion Ratio Lower Upper

117 100

119 98.1 77.3 115.9

121 31.8 25.2 37.8





#31

Isopropyl Ether

Concen: 9.854 ug/l

RT: 4.07 min Scan# 848

Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

Instrument :

MSVOA_U

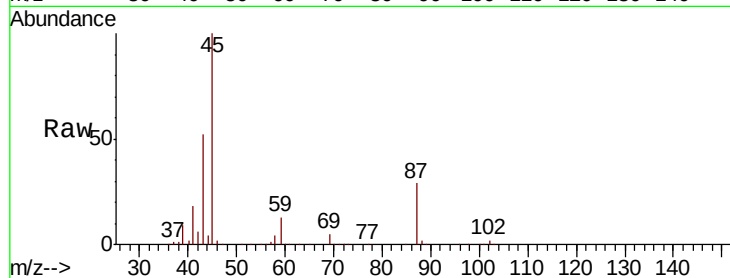
ClientSampleId :

Tot Ion: 45 Resp: 596923

Ion Ratio Lower Upper

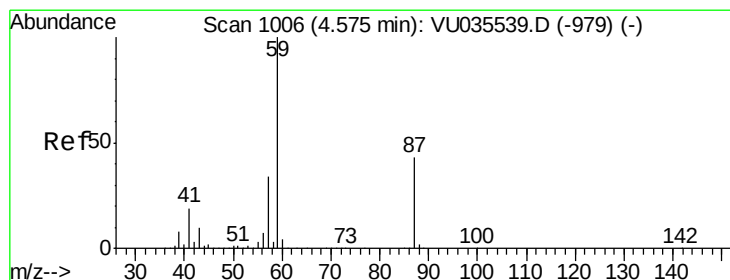
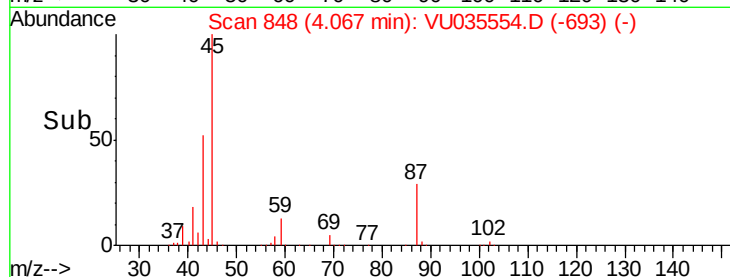
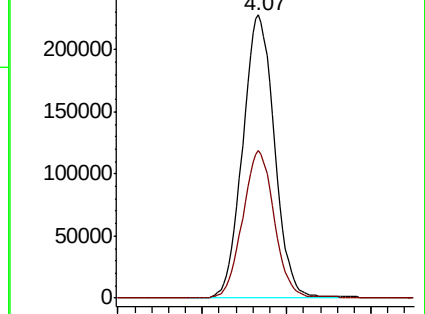
45 100

43 51.7 25.3 75.8



Abundance Ion 45.00 (44.70 to 45.70): VU035539.D (-825) (-)

Ion 43.00 (42.70 to 43.70): VU035539.D (-825) (-)



#32

Ethyl-t-butyl ether

Concen: 9.992 ug/l

RT: 4.57 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VU035554.D

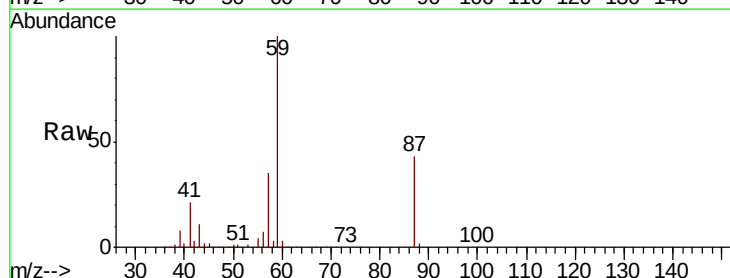
Acq: 30 Oct 2019 11:55

Tgt Ion: 59 Resp: 560373

Ion Ratio Lower Upper

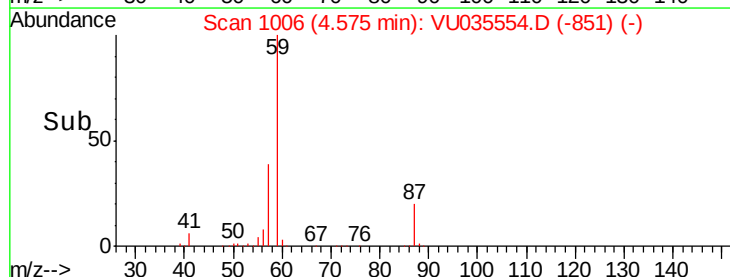
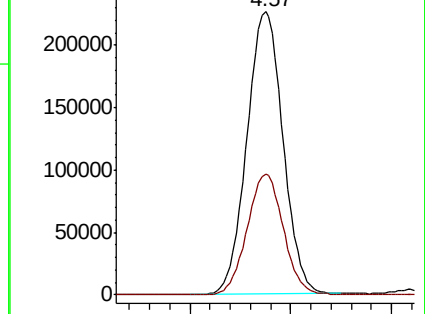
59 100

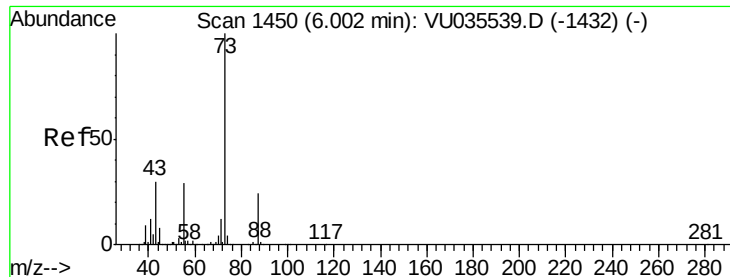
87 42.7 33.9 50.9



Abundance Ion 59.00 (58.70 to 59.70): VU035539.D (-979) (-)

Ion 87.00 (86.70 to 87.70): VU035539.D (-979) (-)

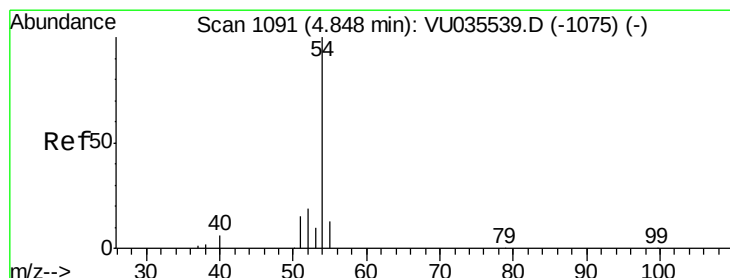
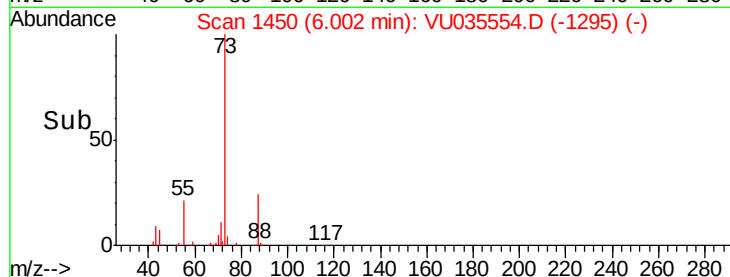
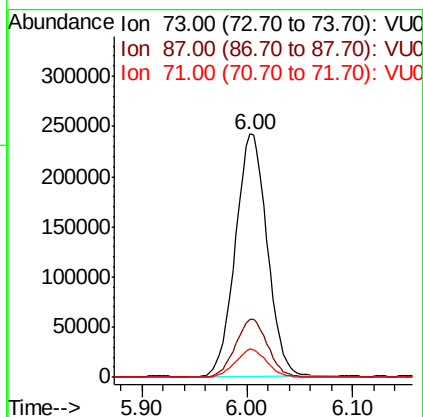
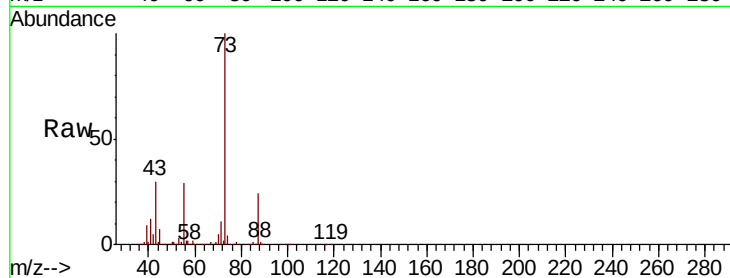




#33
Tert-Butyl methyl ether
Concen: 10.472 ug/l
RT: 6.00 min Scan# 1450
Delta R.T. -0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

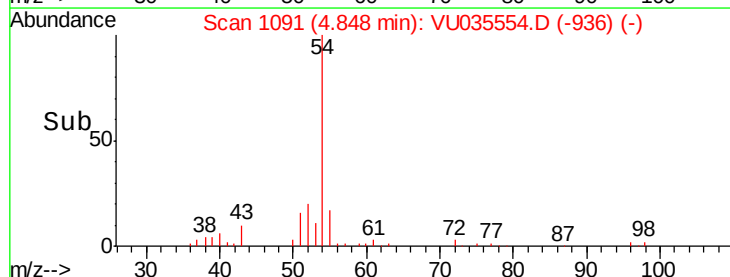
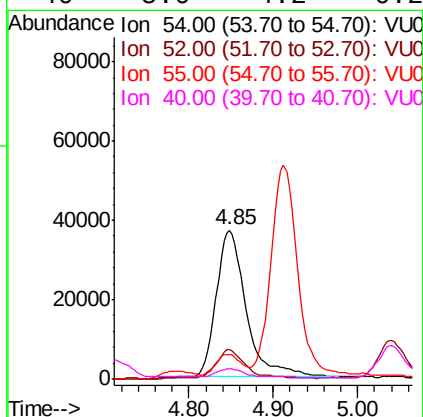
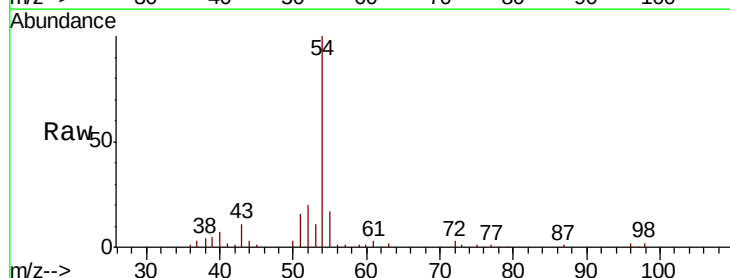
Instrument :
MSVOA_U
ClientSampleId :

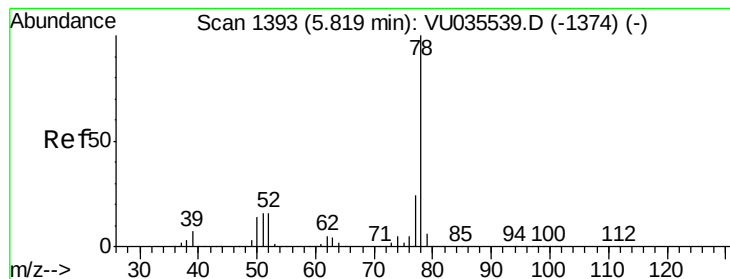
Tot Ion: 73 Resp: 505077
Ion Ratio Lower Upper
73 100
87 23.9 19.5 29.3
71 11.5 9.4 14.2



#34
Propionitrile
Concen: 47.348 ug/l
RT: 4.85 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Tgt Ion: 54 Resp: 91180
Ion Ratio Lower Upper
54 100
52 18.9 14.6 21.8
55 13.8 11.7 17.5
40 5.0 4.2 6.2





#35

Benzene

Concen: 9.836 ug/l

RT: 5.82 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

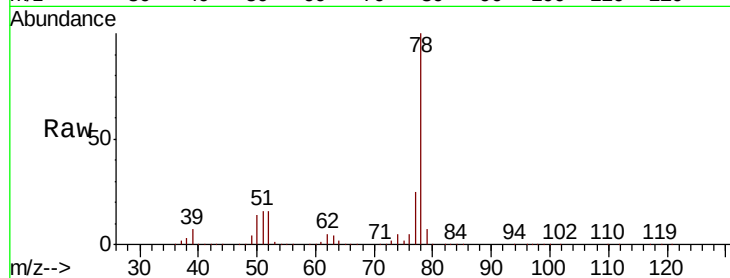
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 78 Resp: 924116

Ion Ratio Lower Upper

78 100

77 24.5 19.0 28.4



Abundance Ion 78.10 (77.80 to 78.80): VU035539.D (-1374) (-)

Ion 77.00 (76.70 to 77.70): VU035539.D (-1374) (-)

500000

400000

300000

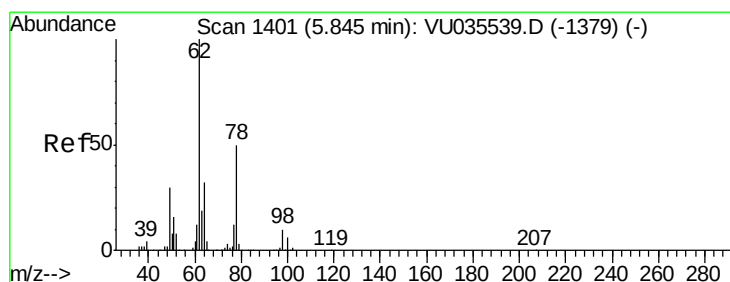
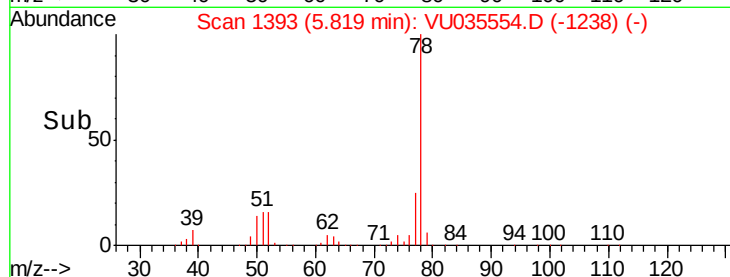
200000

100000

0

5.70 5.80 5.90

Time-->



#36

1,2-Dichloroethane

Concen: 9.677 ug/l

RT: 5.84 min Scan# 1401

Delta R.T. -0.00 min

Lab File: VU035554.D

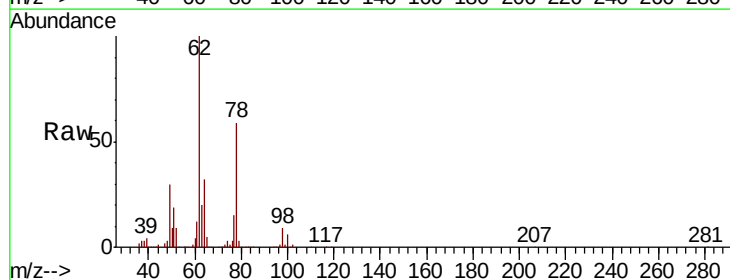
Acq: 30 Oct 2019 11:55

Tgt Ion: 62 Resp: 260482

Ion Ratio Lower Upper

62 100

98 9.7 7.5 11.3



Abundance Ion 62.00 (61.70 to 62.70): VU035539.D (-1379) (-)

Ion 98.00 (97.70 to 98.70): VU035539.D (-1379) (-)

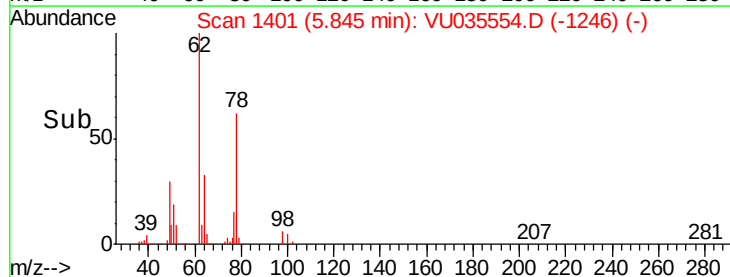
100000

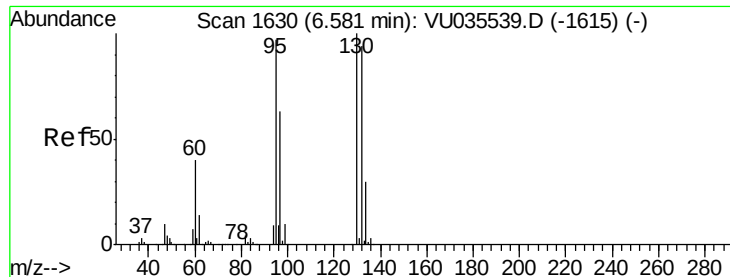
50000

0

5.80 5.90

Time-->

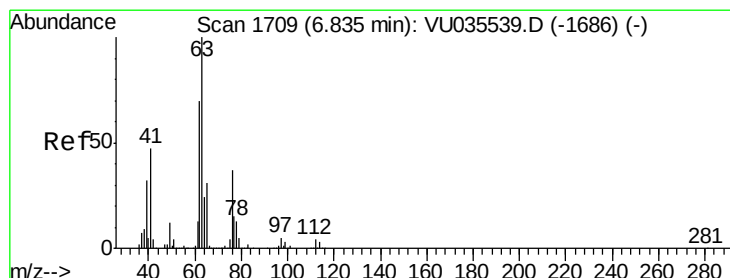
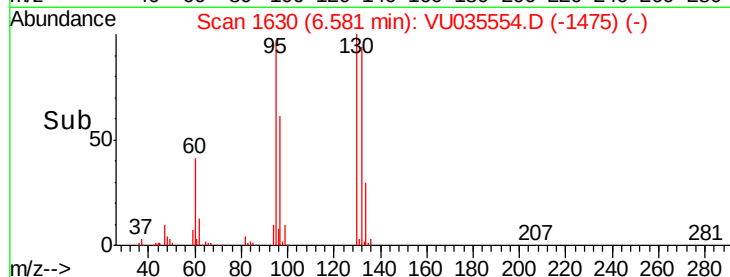
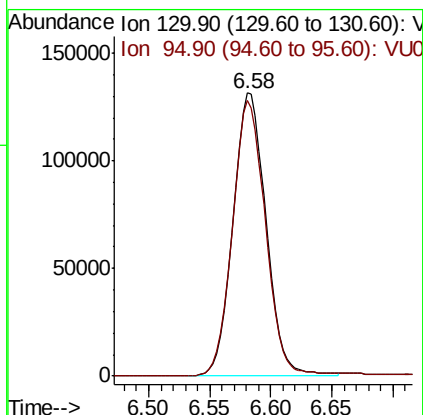
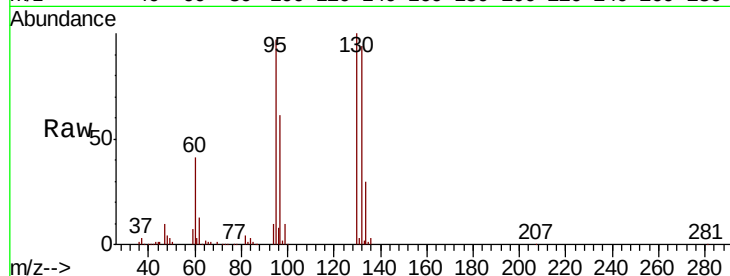




#37
 Trichloroethene
 Concen: 9.487 ug/l
 RT: 6.58 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: VU035554.D
 Acq: 30 Oct 2019 11:55

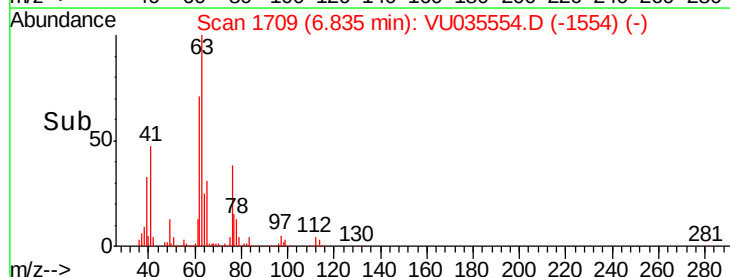
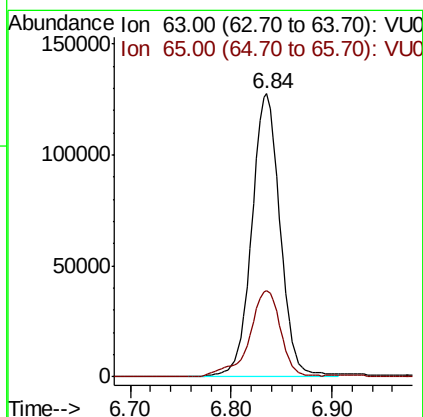
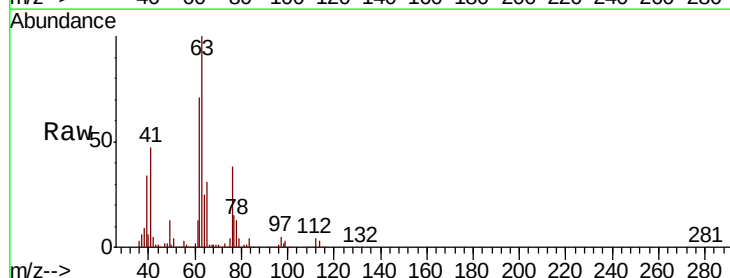
Instrument :
 MSVOA_U
 ClientSampleId :

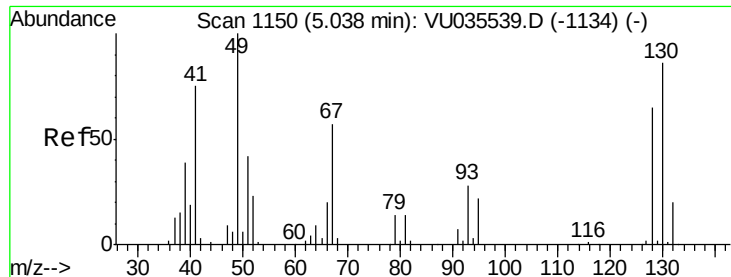
Tot Ion:130 Resp: 247594
 Ion Ratio Lower Upper
 130 100
 95 97.5 77.5 116.3



#38
 1,2-Dichloropropane
 Concen: 9.630 ug/l
 RT: 6.84 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: VU035554.D
 Acq: 30 Oct 2019 11:55

Tgt Ion: 63 Resp: 248103
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.0 37.6

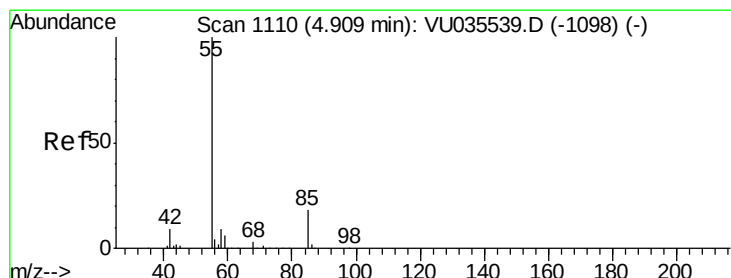
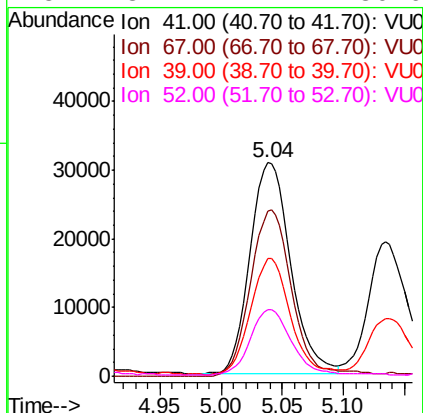
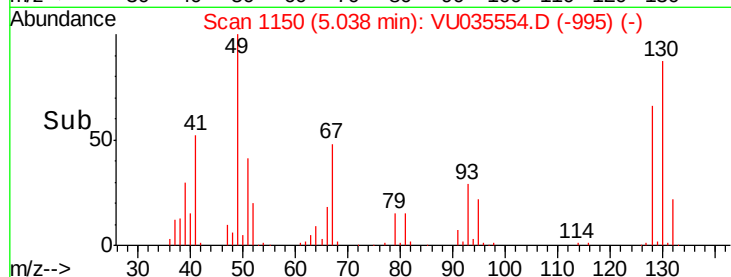
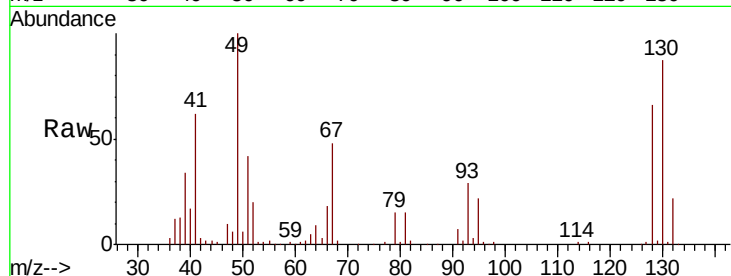




#39
Methacrylonitrile
Concen: 9.771 ug/l
RT: 5.04 min Scan# 1150
Delta R.T. -0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

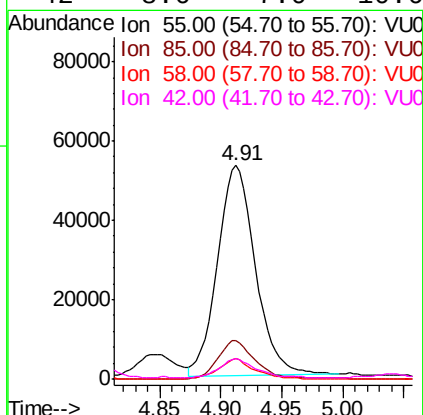
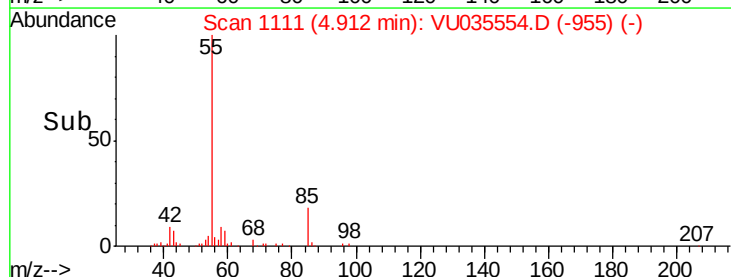
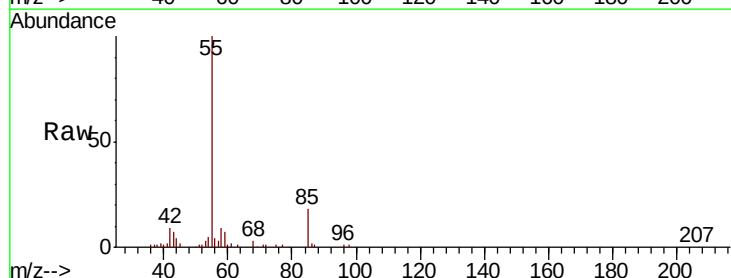
Instrument :
MSVOA_U
ClientSampleId :

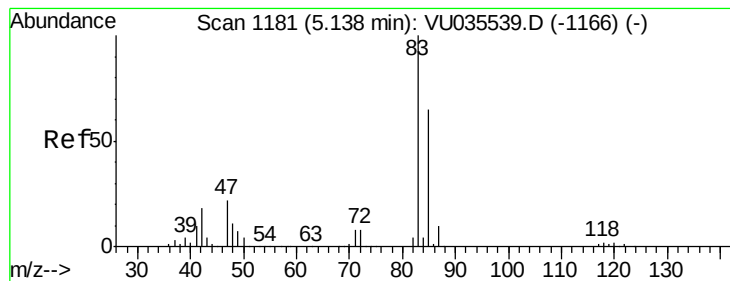
Tot Ion	Ratio	Lower	Upper
41	100		
67	79.5	61.5	92.3
39	54.1	41.3	61.9
52	31.4	24.4	36.6



#40
Methyl acrylate
Concen: 10.481 ug/l
RT: 4.91 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Tgt Ion	Ratio	Lower	Upper
55	100		
85	17.6	13.5	20.3
58	9.0	6.6	10.0
42	8.6	7.0	10.6





#41

Tetrahydrofuran

Concen: 19.597 ug/l

RT: 5.14 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

Instrument :

MSVOA_U

ClientSampleId :

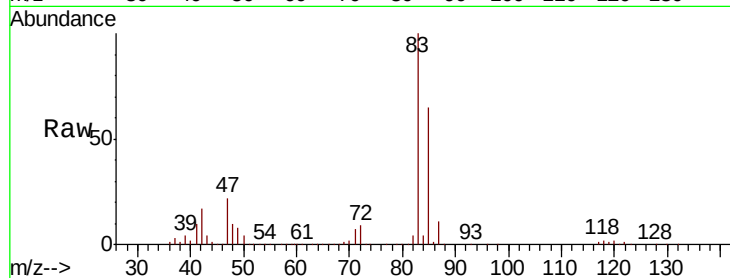
Tot Ion: 42 Resp: 72848

Ion Ratio Lower Upper

42 100

72 48.3 89.9 134.9#

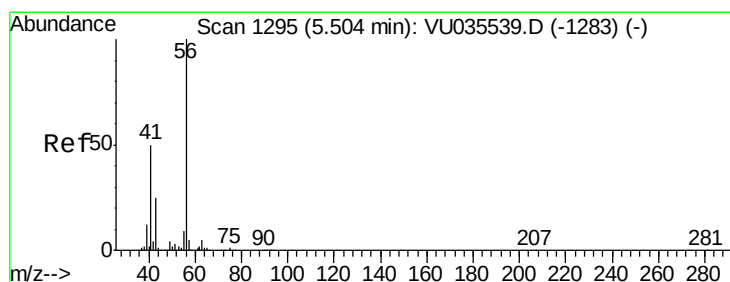
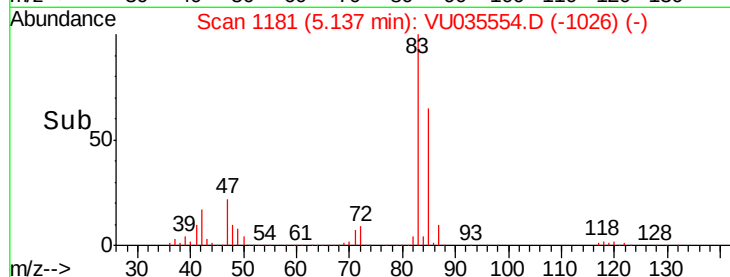
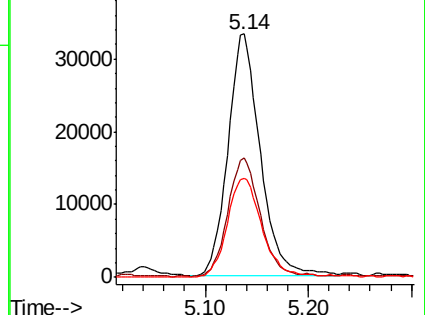
71 43.8 3.7 5.5#



Abundance Ion 42.00 (41.70 to 42.70): VU035539.D (-1166) (-)

Ion 72.00 (71.70 to 72.70): VU035539.D (-1166) (-)

Ion 71.00 (70.70 to 71.70): VU035539.D (-1166) (-)



#42

1-Chlorobutane

Concen: 9.981 ug/l

RT: 5.50 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VU035554.D

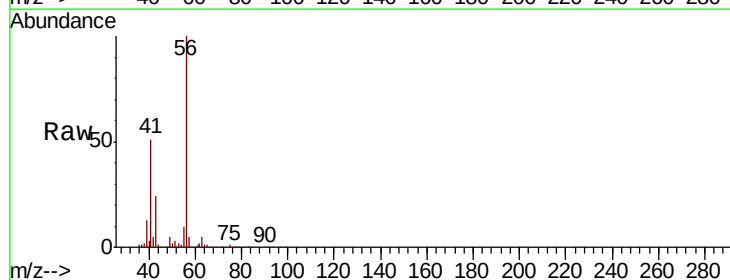
Acq: 30 Oct 2019 11:55

Tgt Ion: 56 Resp: 422820

Ion Ratio Lower Upper

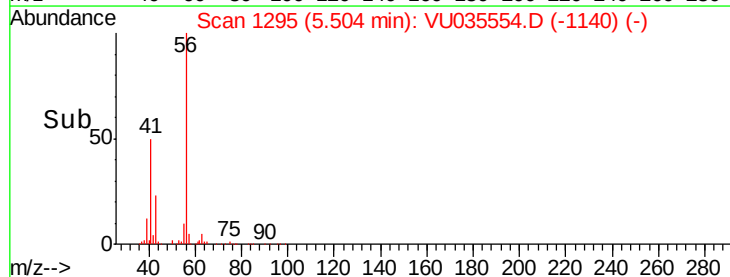
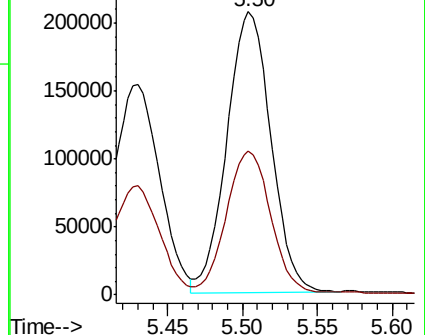
56 100

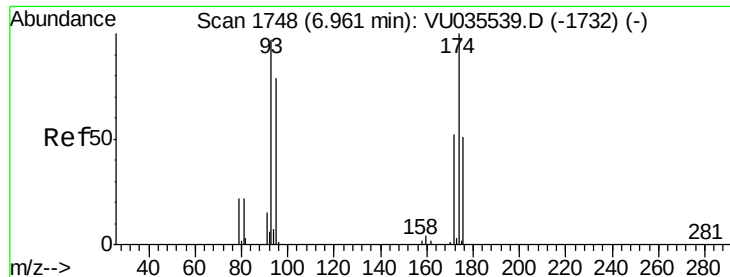
41 50.7 25.5 76.5



Abundance Ion 56.00 (55.70 to 56.70): VU035539.D (-1283) (-)

Ion 41.00 (40.70 to 41.70): VU035539.D (-1283) (-)





#43

Dibromomethane

Concen: 9.731 ug/l

RT: 6.96 min Scan# 1748

Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

Instrument :
MSVOA_U
ClientSampleId :

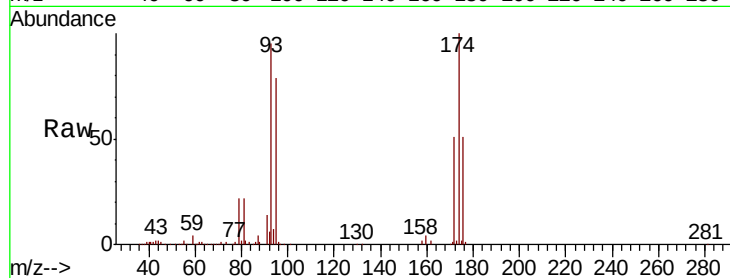
Tot Ion: 93 Resp: 125231

Ion Ratio Lower Upper

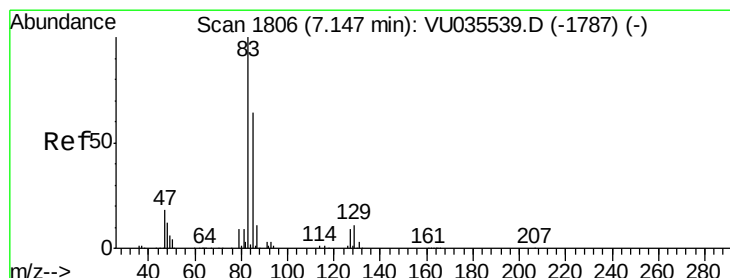
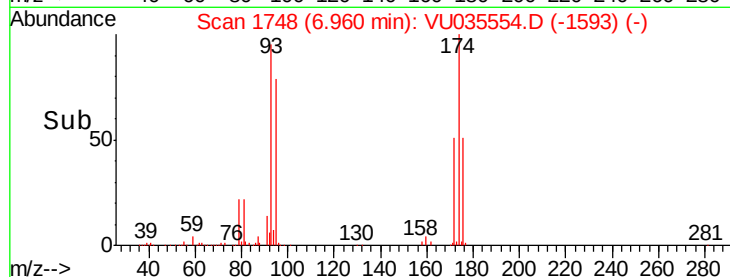
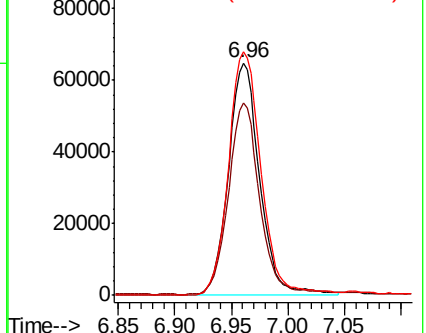
93 100

95 81.5 65.1 97.7

174 108.8 84.2 126.4



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: 9.704 ug/l

RT: 7.15 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

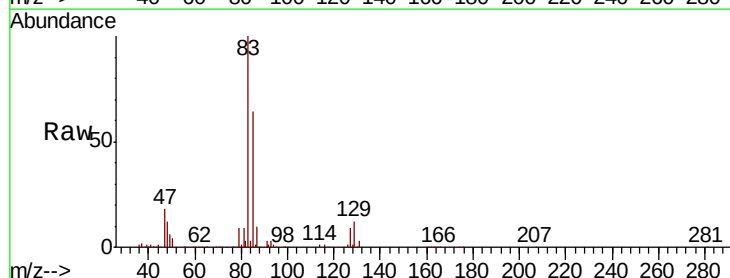
Tgt Ion: 83 Resp: 311195

Ion Ratio Lower Upper

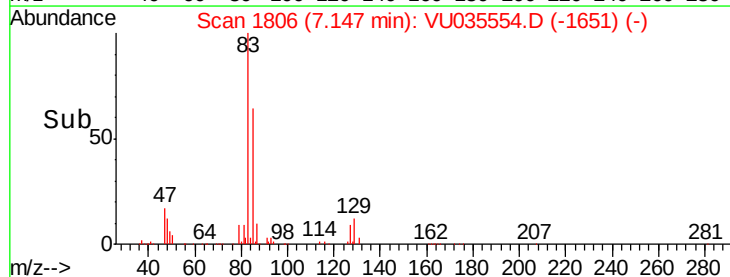
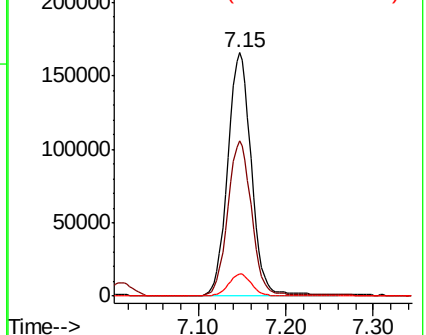
83 100

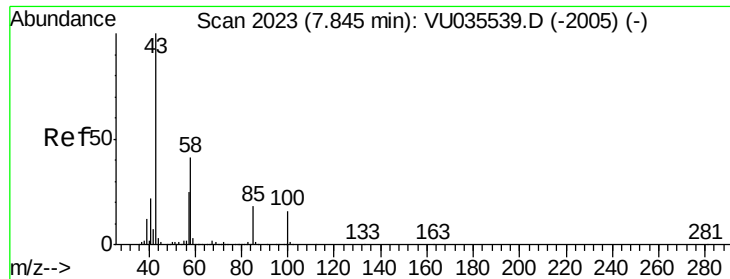
85 63.5 51.6 77.4

127 9.2 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

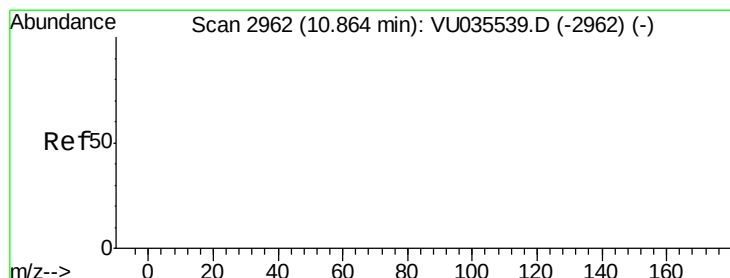
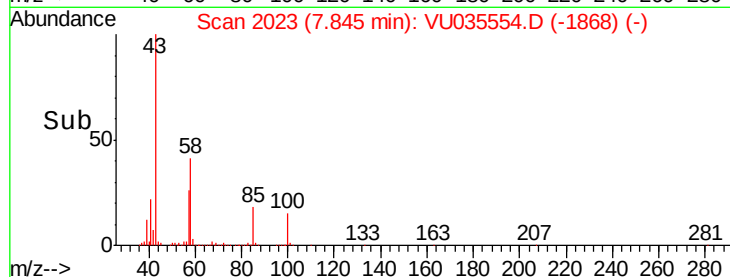
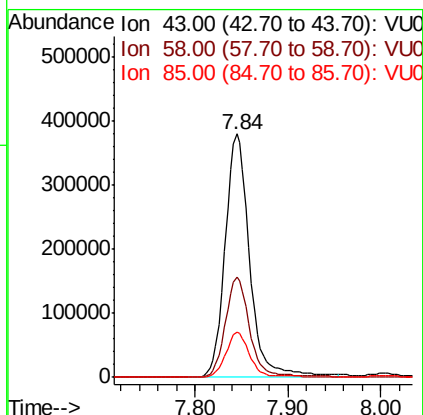
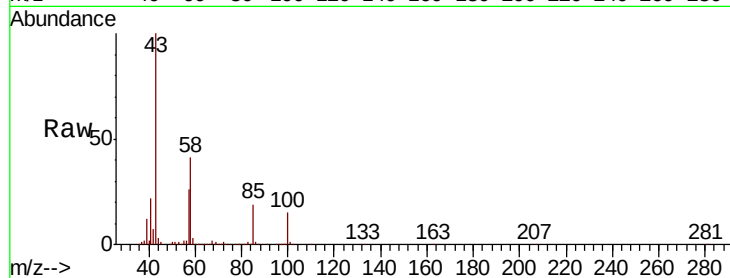




#45
4-Methyl-2-Pentanone
Concen: 50.786 ug/l
RT: 7.84 min Scan# 2023
Delta R.T. -0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

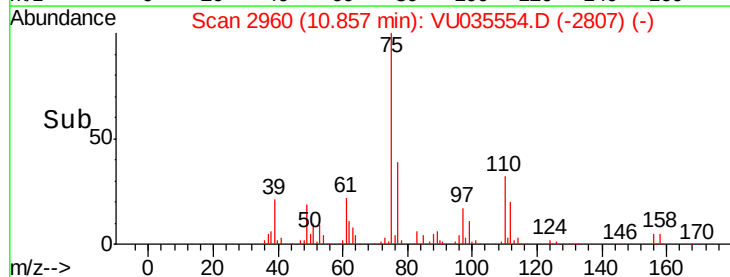
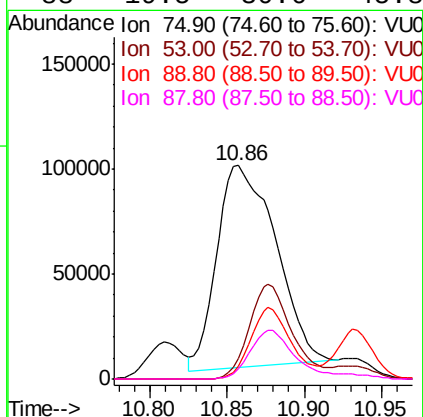
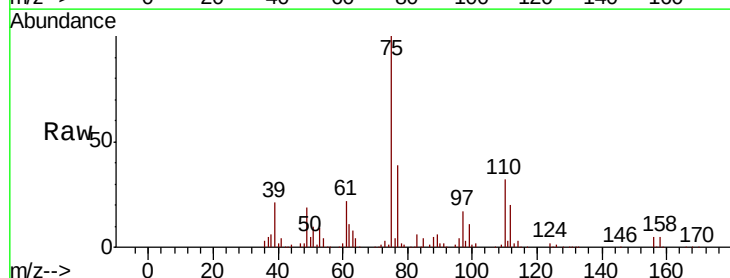
Instrument :
MSVOA_U
ClientSampled :

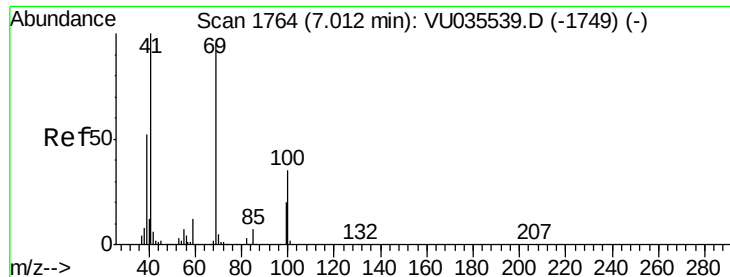
Tot Ion	Ratio	Lower	Upper
43	100		
58	41.1	20.6	61.8
85	18.4	14.5	21.7



#46
t-1,4-Dichloro-2-butene
Concen: 51.282 ug/l
RT: 10.86 min Scan# 2960
Delta R.T. -0.01 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Tgt Ion	Ratio	Lower	Upper
75	100		
53	33.8	54.1	81.1#
89	24.3	38.2	57.4#
88	19.5	30.6	45.8#





#47

Methvl methacrylate

Concen: 21.521 ug/l

RT: 7.01 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 69 Resp: 229395

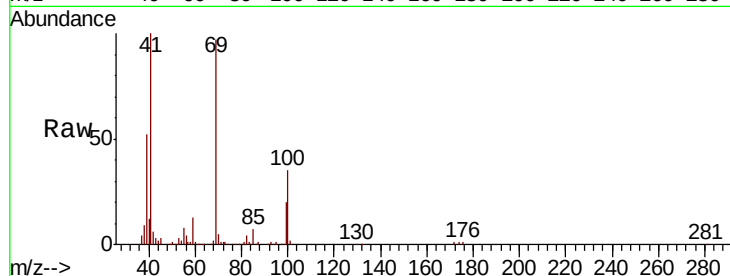
Ion Ratio Lower Upper

69 100

41 103.8 0.0 216.8

39 53.5 45.1 67.7

100 35.4 29.8 44.6

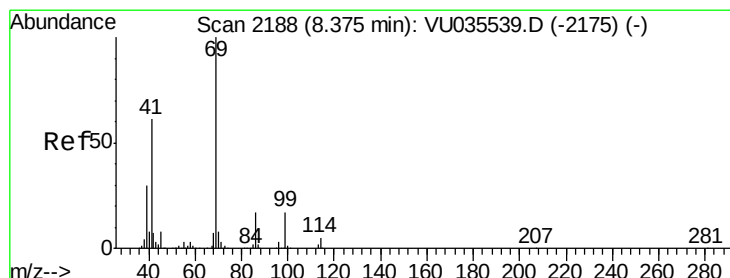
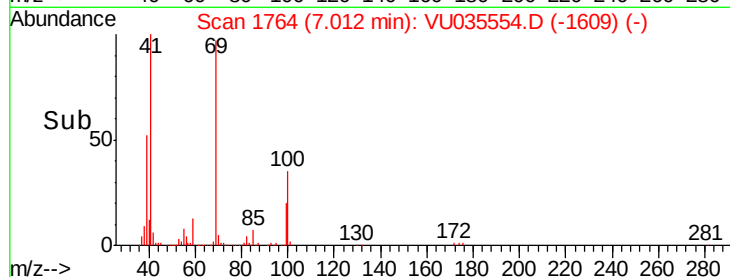
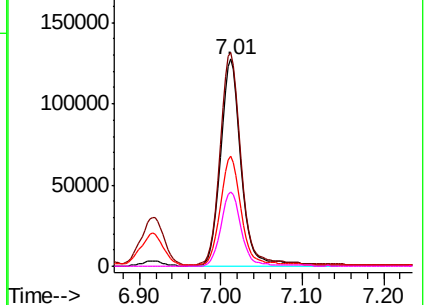


Abundance Ion 69.00 (68.70 to 69.70): VU0

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: 10.770 ug/l

RT: 8.38 min Scan# 2188

Delta R.T. -0.00 min

Lab File: VU035554.D

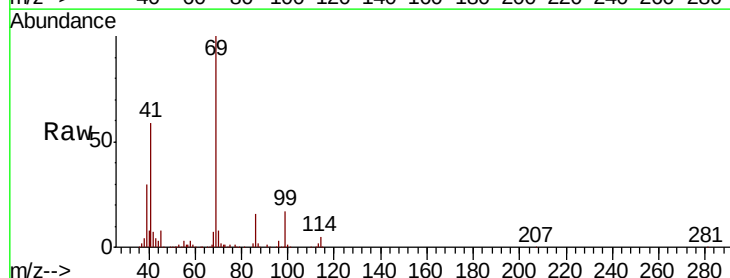
Acq: 30 Oct 2019 11:55

Tgt Ion: 69 Resp: 200600

Ion Ratio Lower Upper

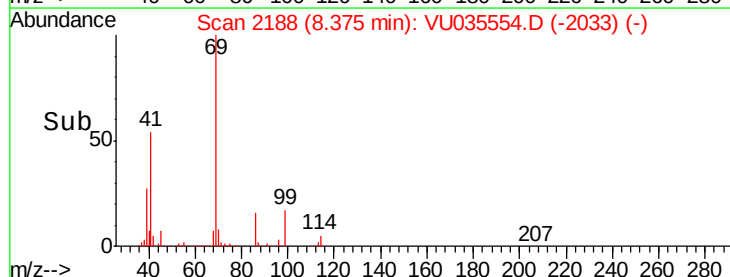
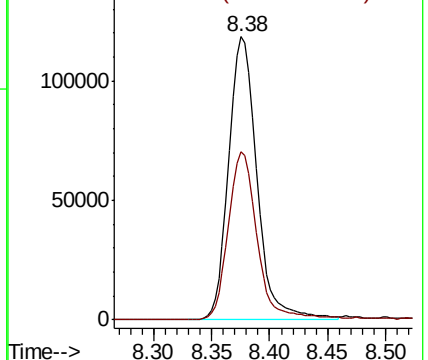
69 100

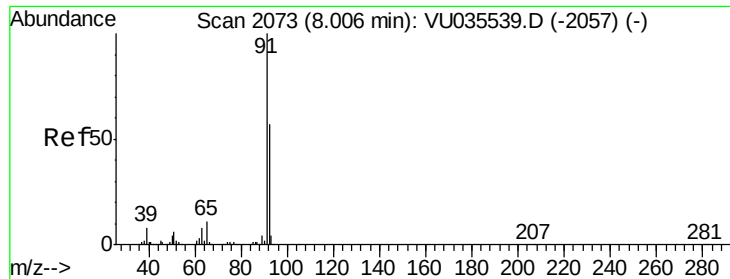
41 60.3 30.4 91.2



Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#49

Toluene

Concen: 10.536 ug/l

RT: 8.01 min Scan# 2073

Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

Instrument :

MSVOA_U

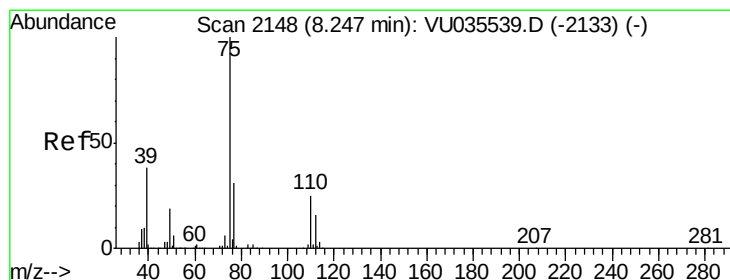
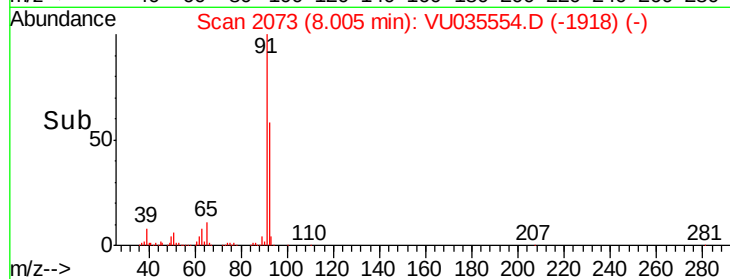
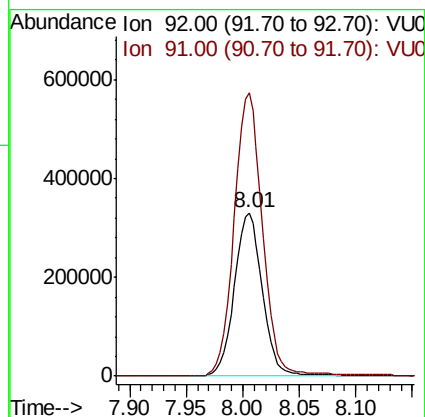
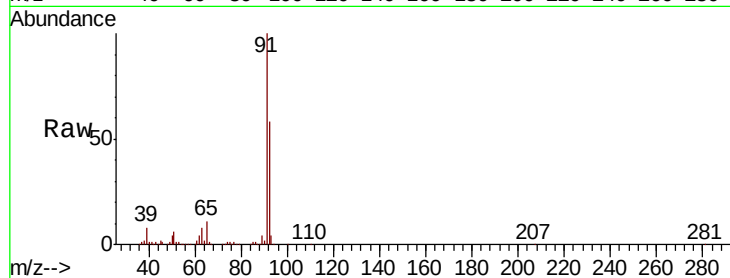
ClientSampleId :

Tot Ion: 92 Resp: 569358

Ion Ratio Lower Upper

92 100

91 176.9 141.4 212.0



#50

t-1,3-Dichloropropene

Concen: 10.191 ug/l

RT: 8.25 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VU035554.D

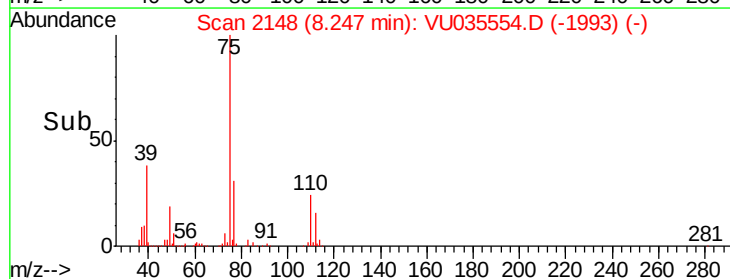
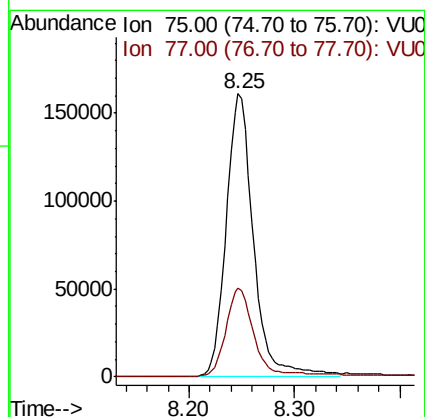
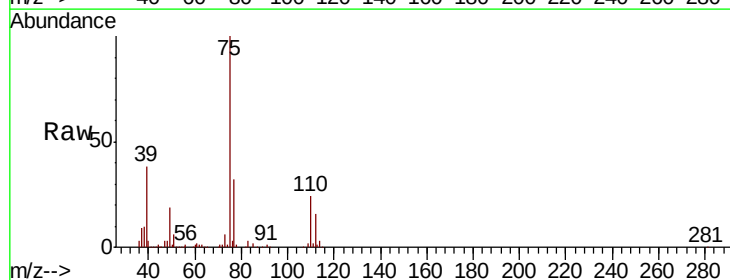
Acq: 30 Oct 2019 11:55

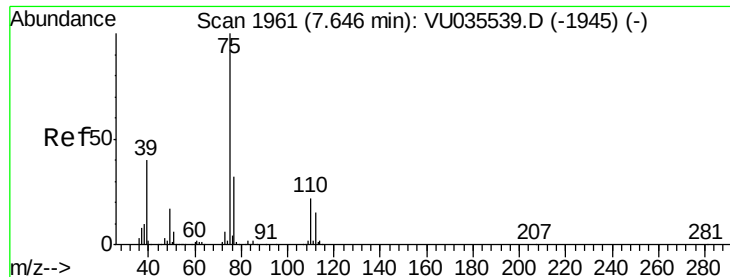
Tgt Ion: 75 Resp: 289411

Ion Ratio Lower Upper

75 100

77 31.2 25.2 37.8



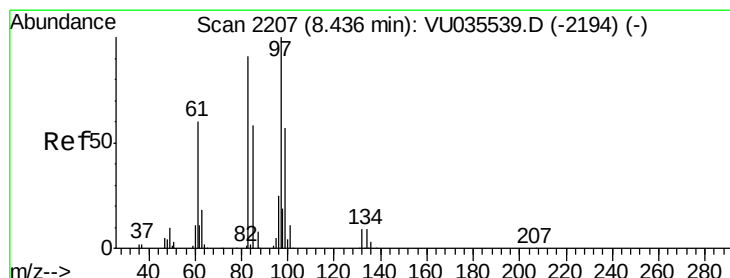
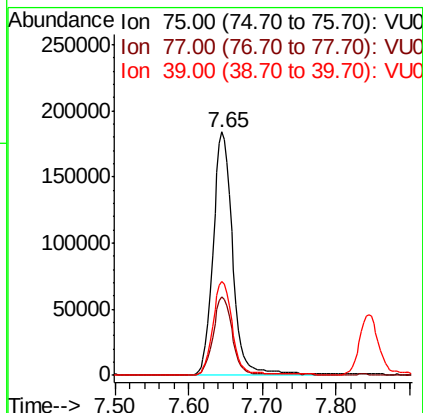
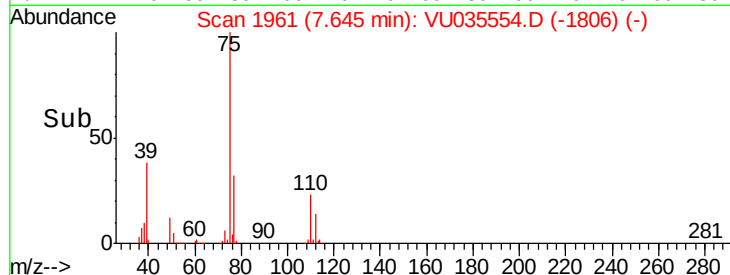
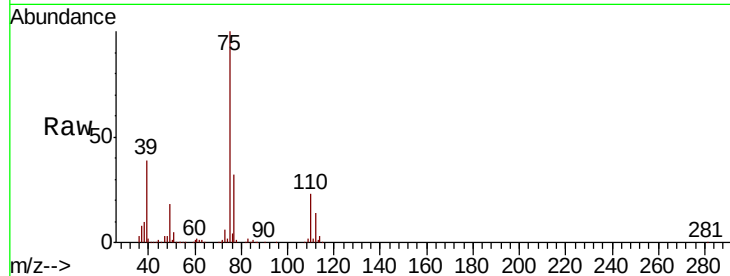


#51

cis-1,3-Dichloropropene
Concen: 10.171 ug/l
RT: 7.65 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Instrument :
MSVOA_U
ClientSampleId :

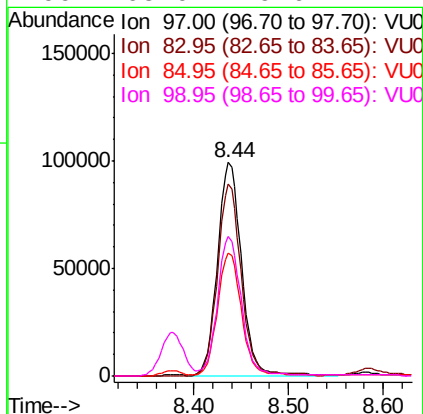
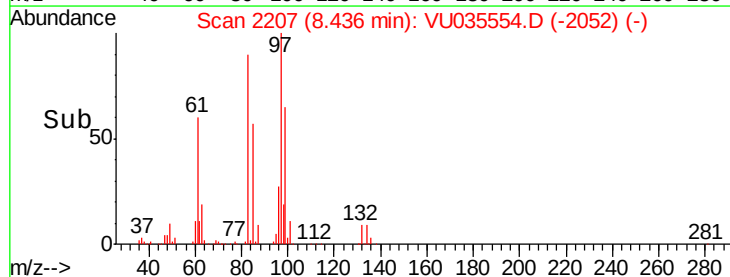
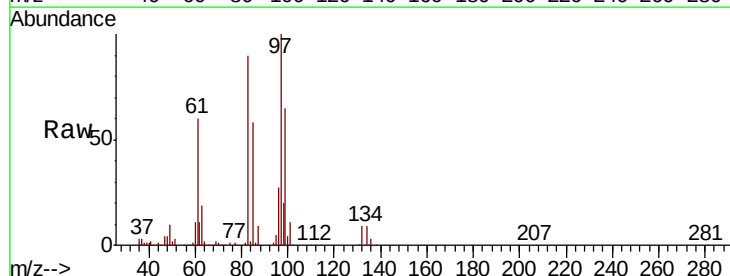
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.2	37.8
39	38.4	32.1	48.1

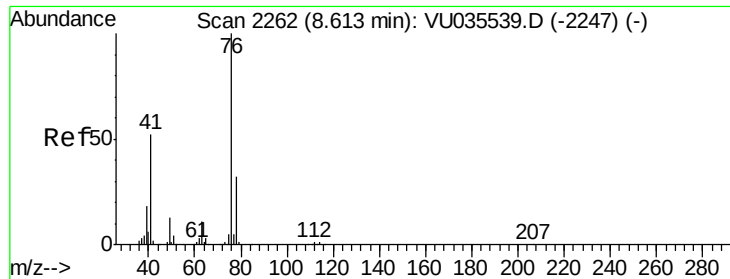


#52

1,1,2-Trichloroethane
Concen: 9.691 ug/l
RT: 8.44 min Scan# 2207
Delta R.T. -0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.7	72.6	108.8
85	57.4	46.4	69.6
99	65.0	49.6	74.4





#53

1,3-Dichloropropane

Concen: 10.111 ug/l

RT: 8.61 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

Instrument :

MSVOA_U

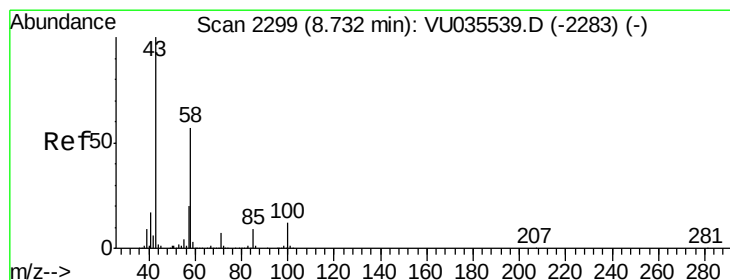
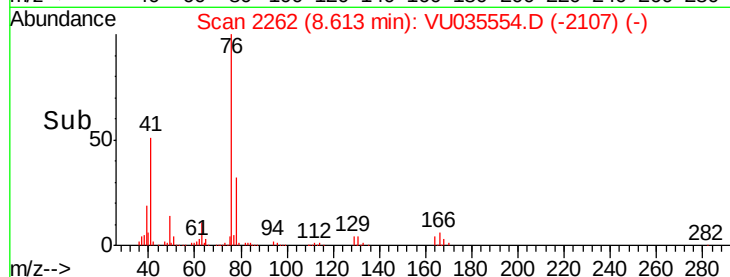
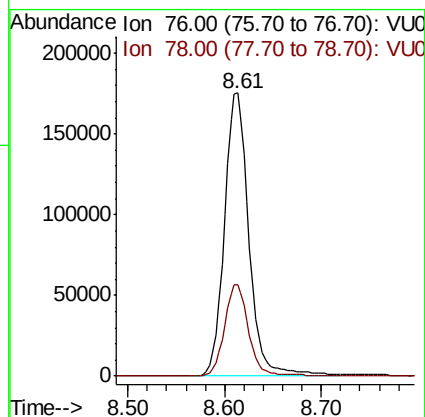
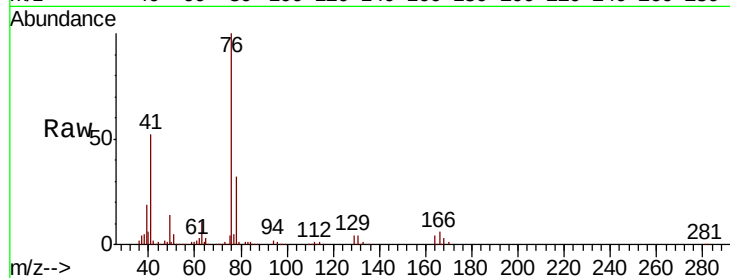
ClientSampleId :

Tot Ion: 76 Resp: 309059

Ion Ratio Lower Upper

76 100

78 31.7 25.6 38.4



#54

2-Hexanone

Concen: 50.683 ug/l

RT: 8.73 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

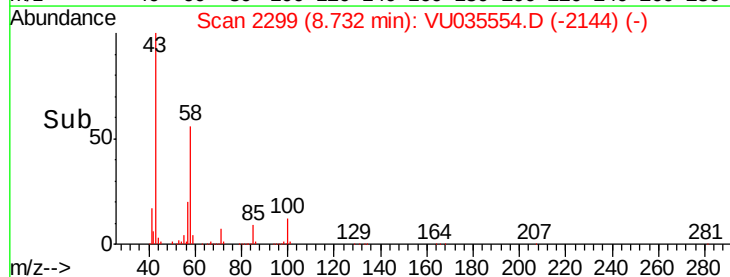
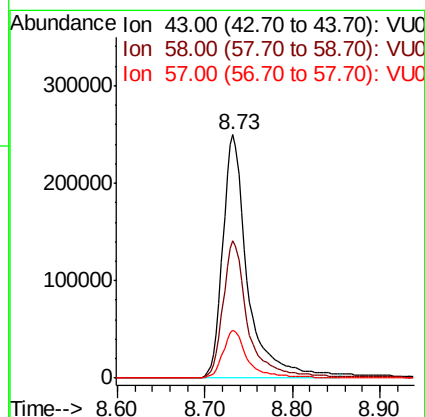
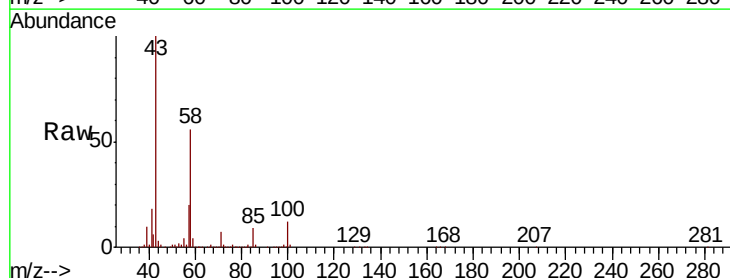
Tgt Ion: 43 Resp: 494296

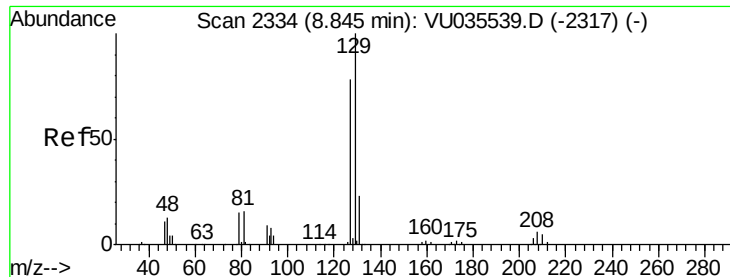
Ion Ratio Lower Upper

43 100

58 56.3 37.2 77.2

57 19.0 0.0 39.1





#55

Dibromochloromethane

Concen: 10.071 ug/l

RT: 8.84 min Scan# 2334

Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

Instrument :

MSVOA_U

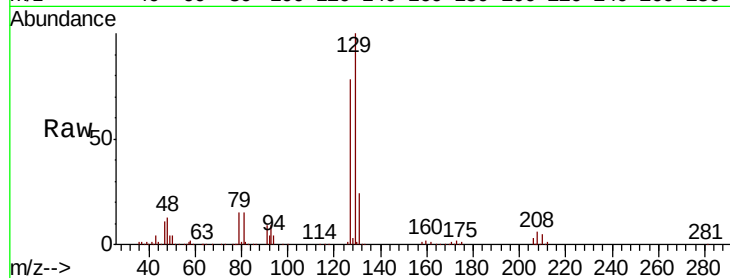
ClientSampled :

Tot Ion:129 Resp: 221777

Ion Ratio Lower Upper

129 100

127 77.7 62.3 93.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

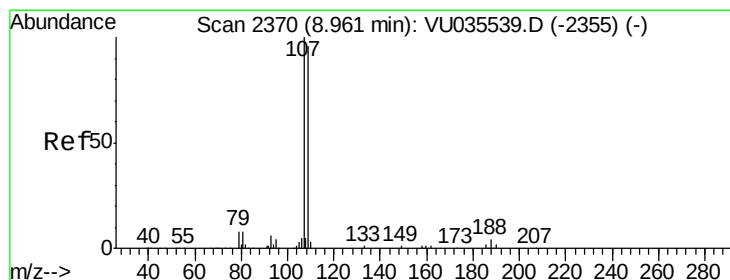
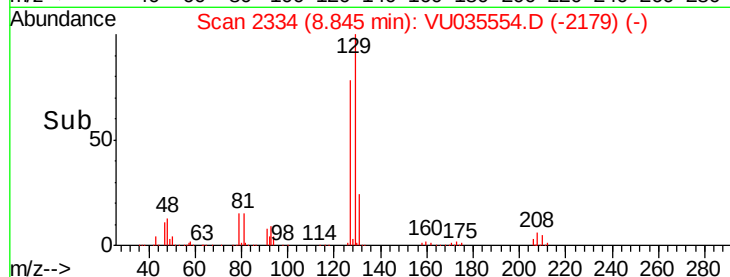
8.84

100000

50000

0

Time-->



#56

1,2-Dibromoethane

Concen: 10.255 ug/l

RT: 8.96 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VU035554.D

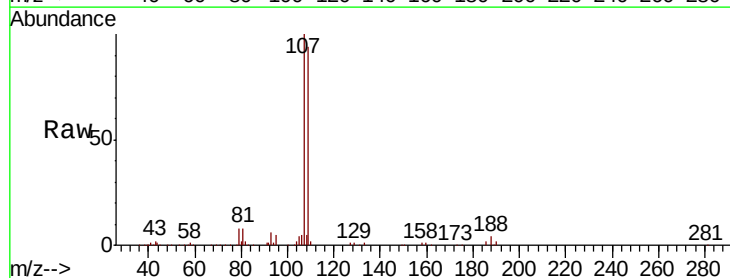
Acq: 30 Oct 2019 11:55

Tgt Ion:107 Resp: 169210

Ion Ratio Lower Upper

107 100

109 95.1 0.0 191.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

8.96

100000

80000

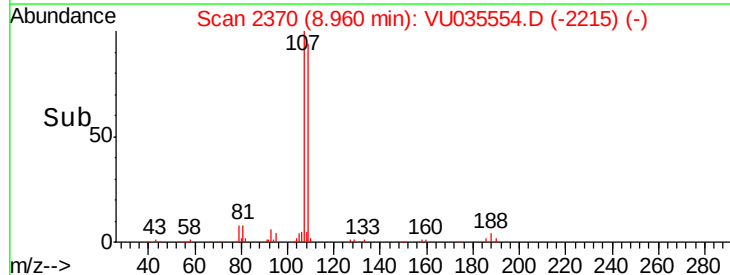
60000

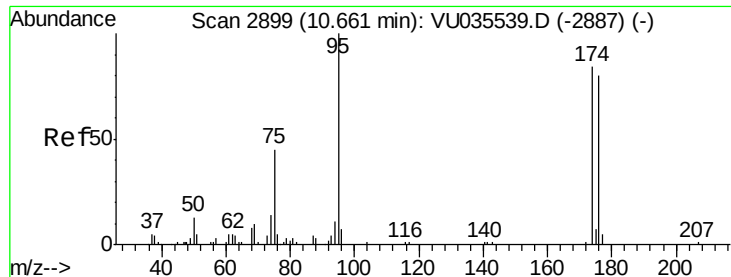
40000

20000

0

Time-->

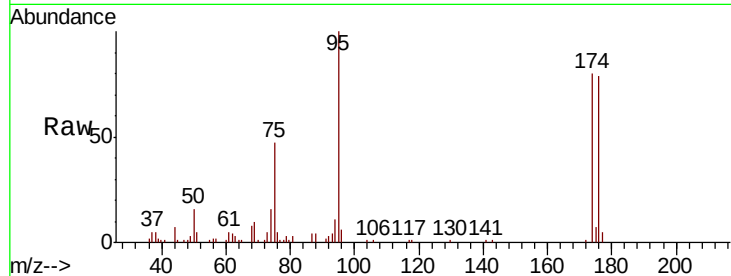




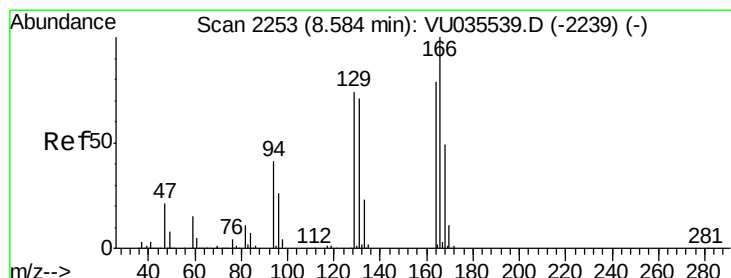
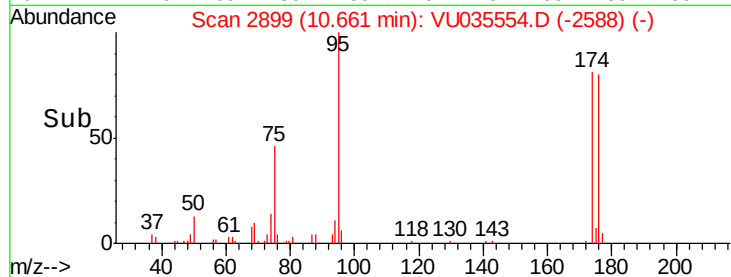
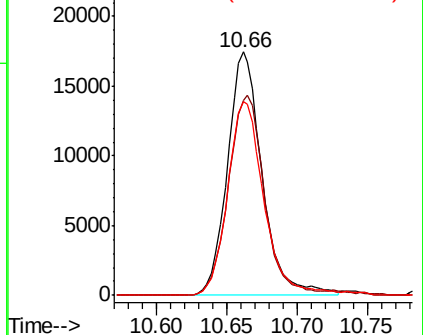
#57
4-Bromofluorobenzene
Concen: 1.089 ug/l
RT: 10.66 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 95 Resp: 30034
Ion Ratio Lower Upper
95 100
174 85.1 70.2 105.4
176 83.2 67.7 101.5

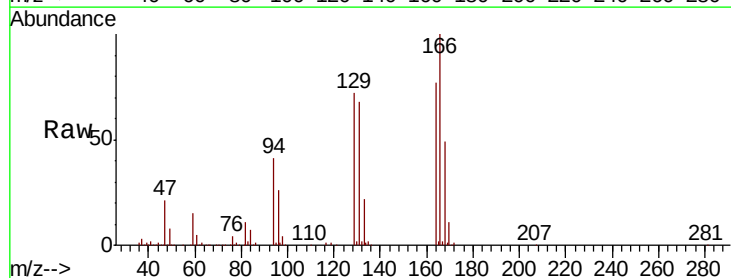


Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V

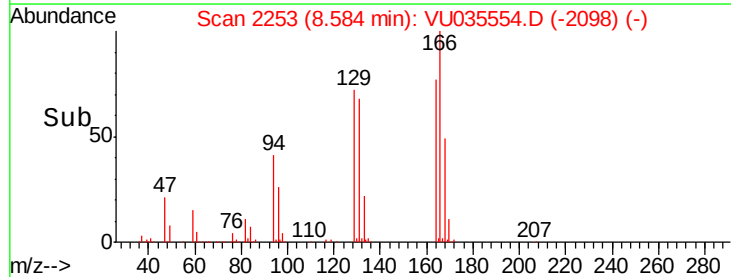
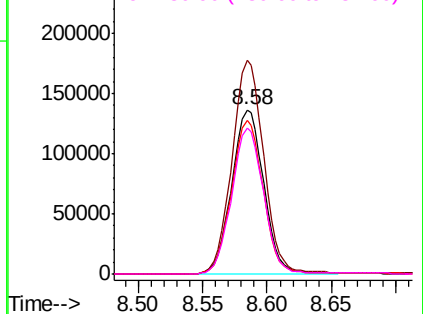


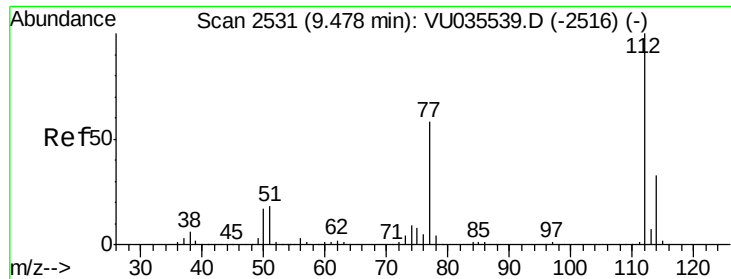
#58
Tetrachloroethene
Concen: 9.879 ug/l
RT: 8.58 min Scan# 2253
Delta R.T. -0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Tgt Ion: 164 Resp: 236343
Ion Ratio Lower Upper
164 100
166 129.9 100.6 151.0
129 93.5 74.1 111.1
131 88.6 71.1 106.7



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

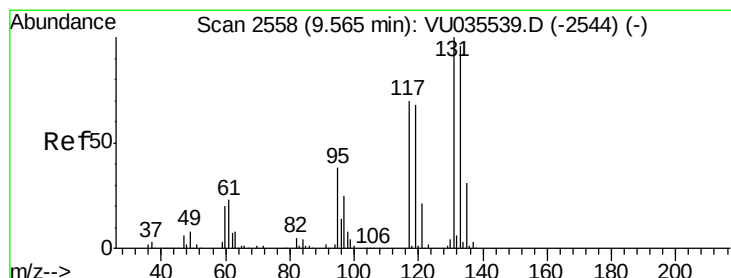
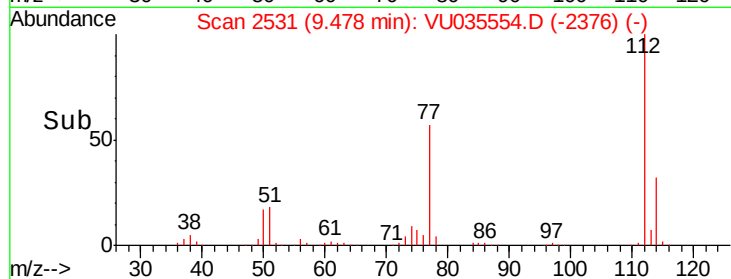
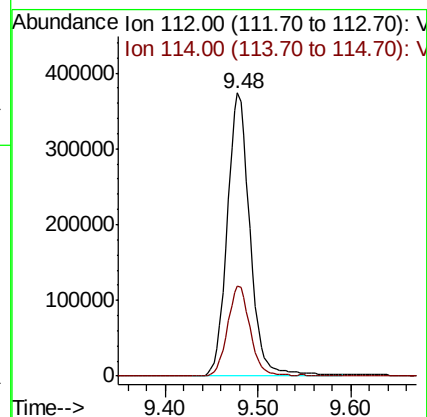
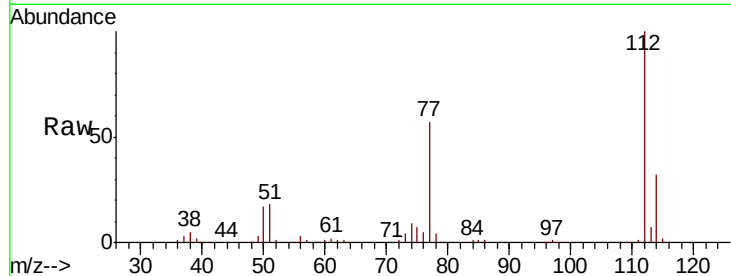




#59
Chlorobenzene
Concen: 10.226 ug/l
RT: 9.48 min Scan# 2531
Delta R.T. -0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

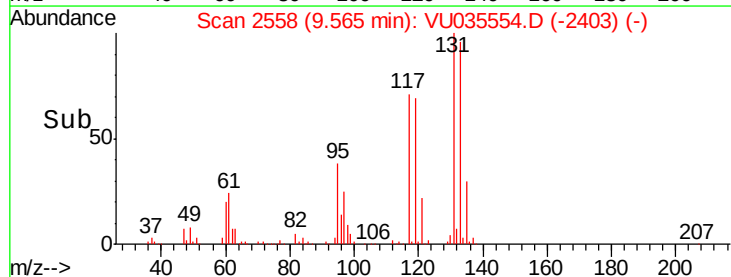
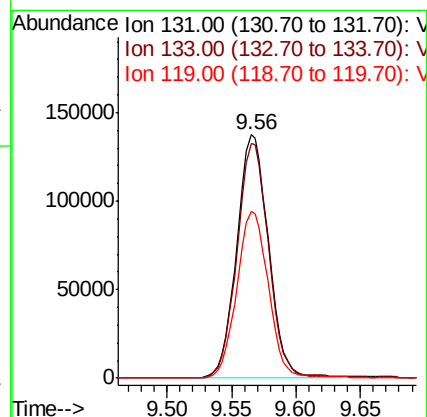
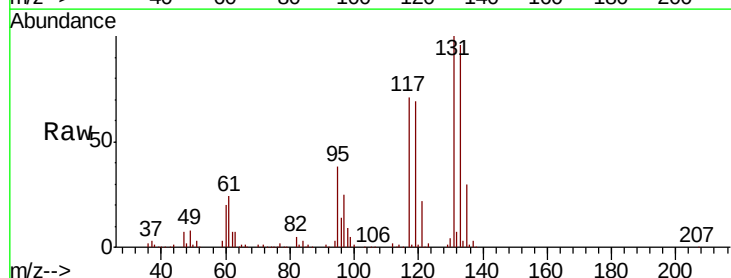
Instrument :
MSVOA_U
ClientSampleId :

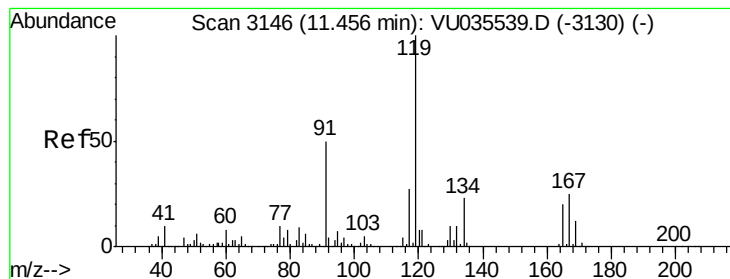
Tot Ion:112 Resp: 637125
Ion Ratio Lower Upper
112 100
114 32.0 26.5 39.7



#60
1,1,1,2-Tetrachloroethane
Concen: 9.840 ug/l
RT: 9.56 min Scan# 2558
Delta R.T. -0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Tgt Ion:131 Resp: 235719
Ion Ratio Lower Upper
131 100
133 96.0 76.9 115.3
119 68.6 53.6 80.4





#61

Pentachloroethane

Concen: 9.758 ug/l

RT: 11.46 min Scan# 3146

Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

Instrument :

MSVOA_U

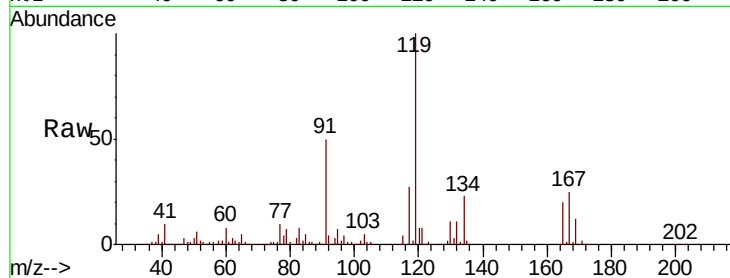
ClientSampled :

Tot Ion:117 Resp: 190474

Ion Ratio Lower Upper

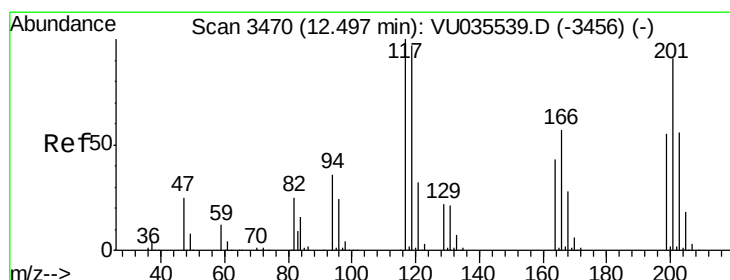
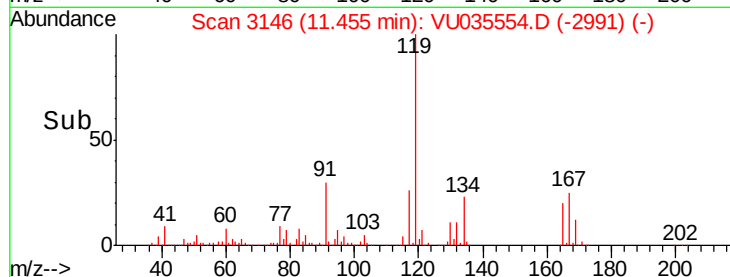
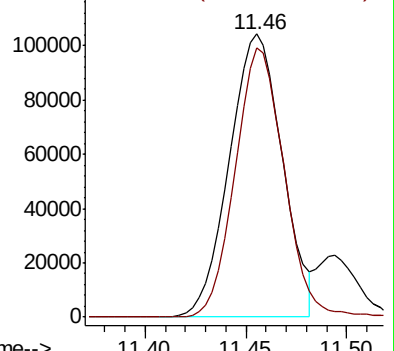
117 100

167 87.8 69.8 104.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 9.993 ug/l

RT: 12.50 min Scan# 3471

Delta R.T. 0.00 min

Lab File: VU035554.D

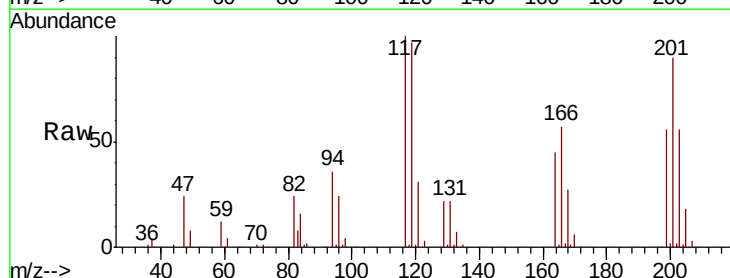
Acq: 30 Oct 2019 11:55

Tgt Ion:117 Resp: 178204

Ion Ratio Lower Upper

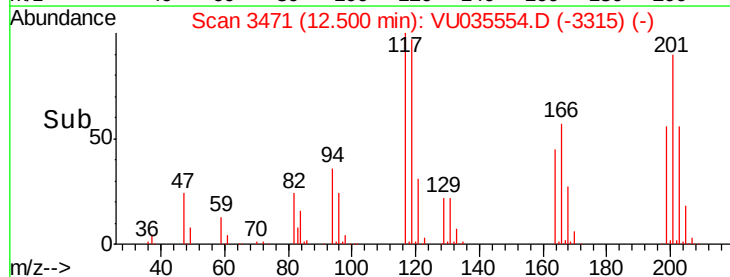
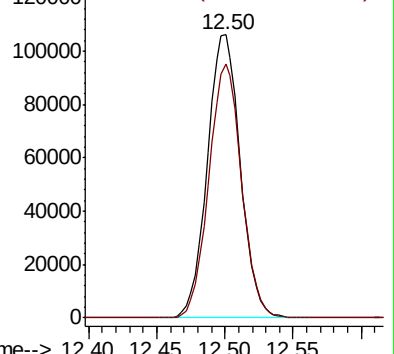
117 100

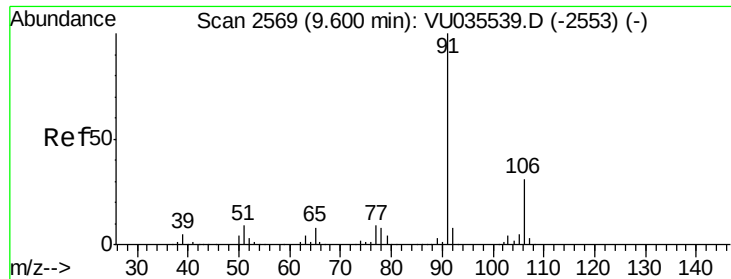
201 88.5 71.8 107.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V

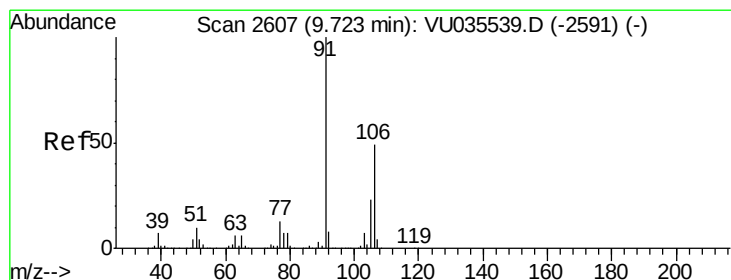
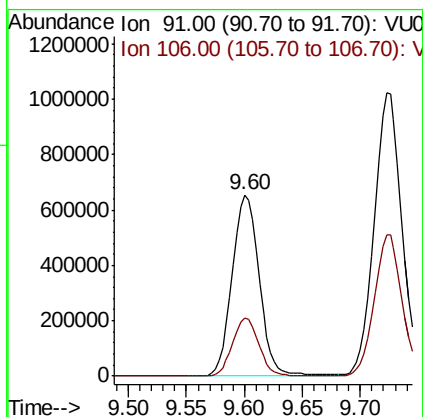
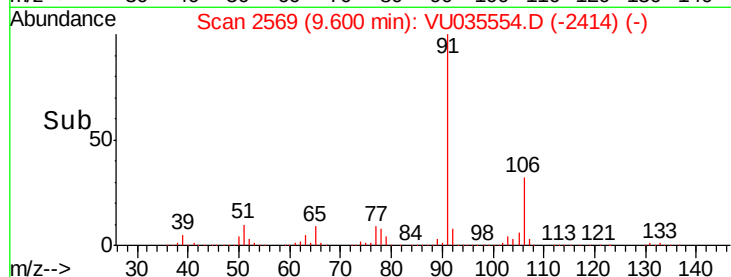
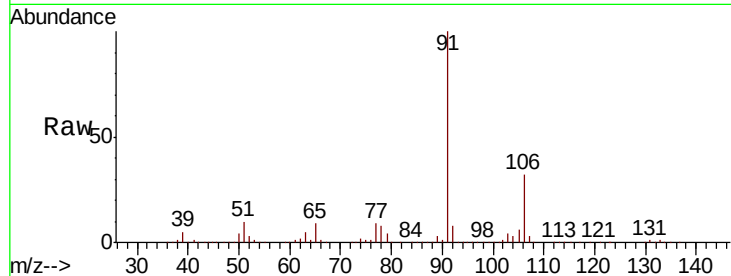




#63
Ethyl Benzene
Concen: 10.981 ug/l
RT: 9.60 min Scan# 2569
Delta R.T. -0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

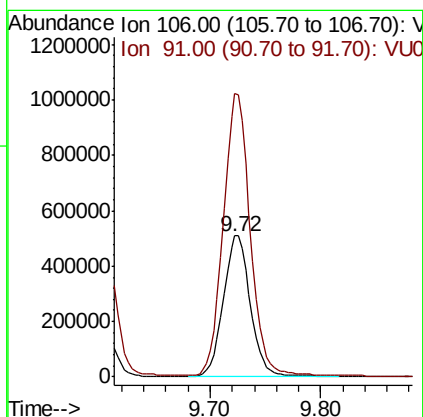
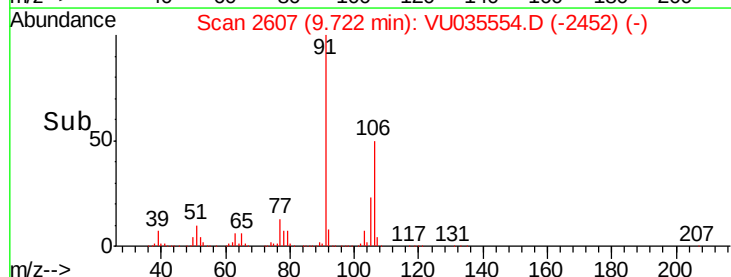
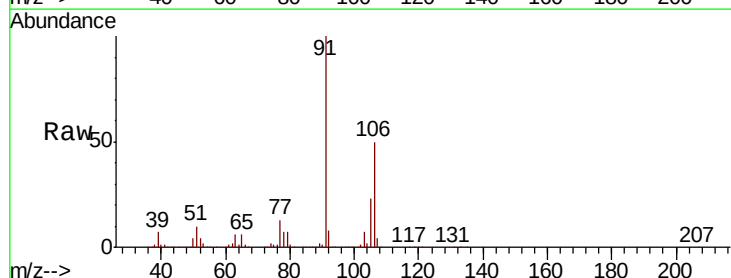
Instrument :
MSVOA_U
ClientSampled :

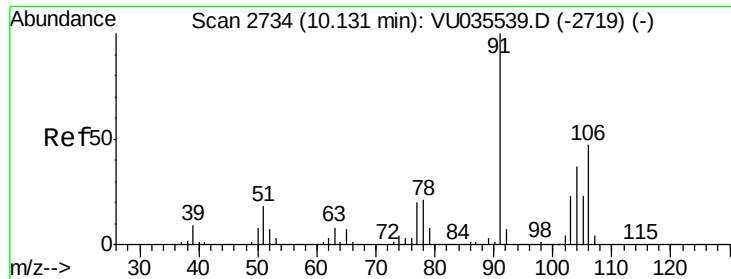
Tot Ion: 91 Resp: 1062513
Ion Ratio Lower Upper
91 100
106 31.9 25.2 37.8



#64
m/p-Xylenes
Concen: 22.553 ug/l
RT: 9.72 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Tgt Ion: 106 Resp: 861642
Ion Ratio Lower Upper
106 100
91 204.8 81.0 121.4#

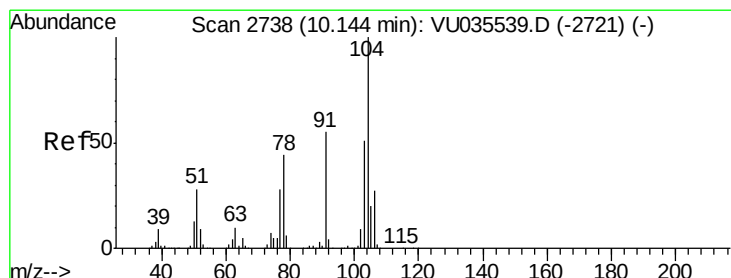
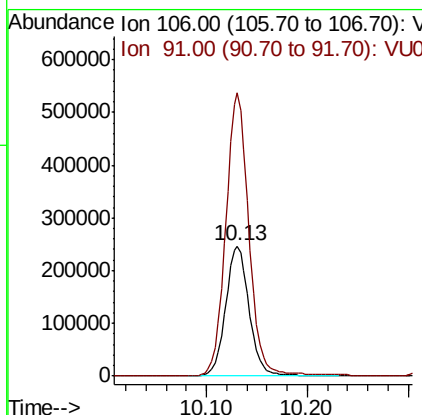
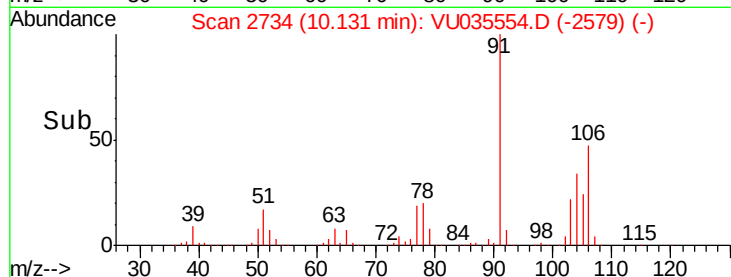
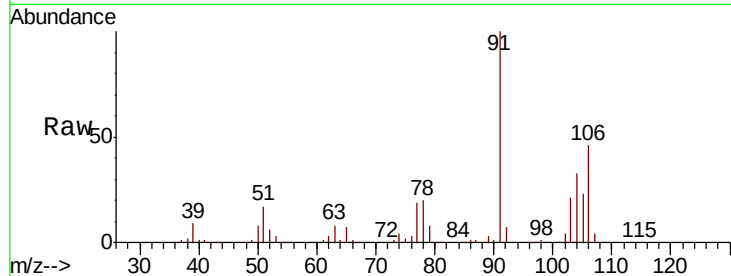




#65
o-Xylene
Concen: 10.929 ug/l
RT: 10.13 min Scan# 2734
Delta R.T. -0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

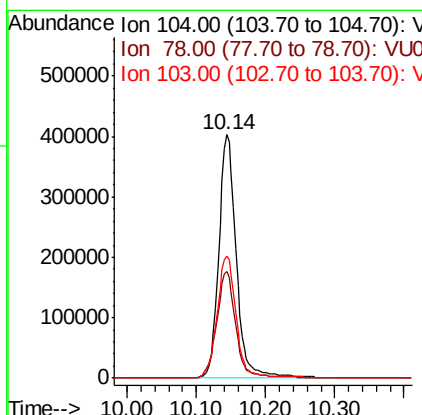
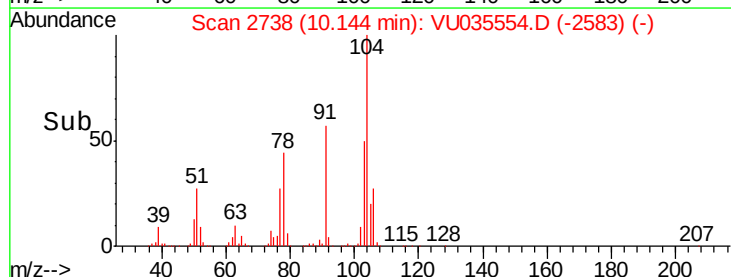
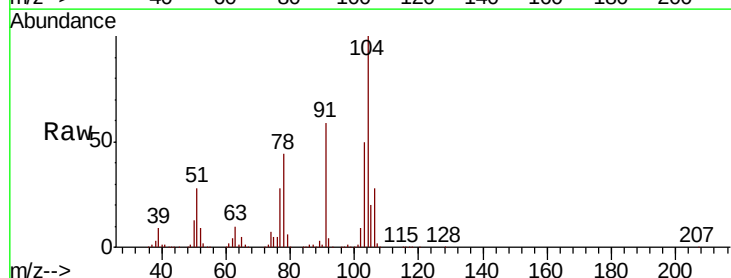
Instrument :
MSVOA_U
ClientSampled :

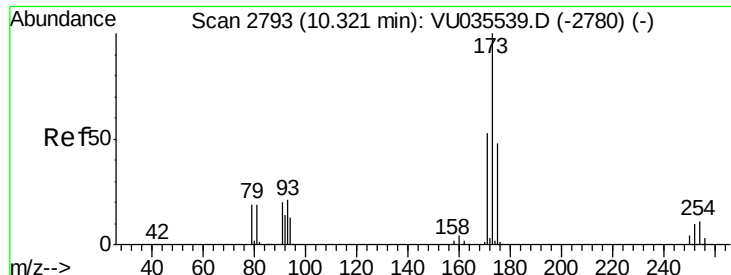
Tot Ion:106 Resp: 403462
Ion Ratio Lower Upper
106 100
91 214.7 107.1 321.1



#66
Styrene
Concen: 11.571 ug/l
RT: 10.14 min Scan# 2738
Delta R.T. -0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Tgt Ion:104 Resp: 707083
Ion Ratio Lower Upper
104 100
78 48.0 38.6 58.0
103 54.1 43.6 65.4

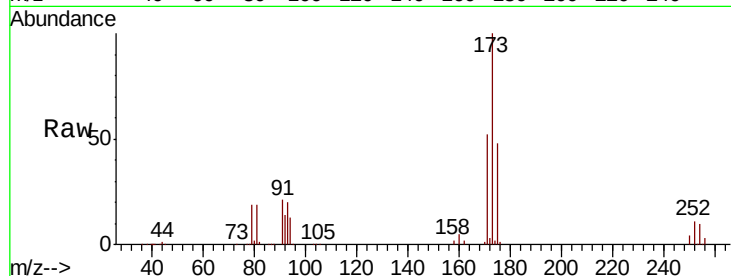




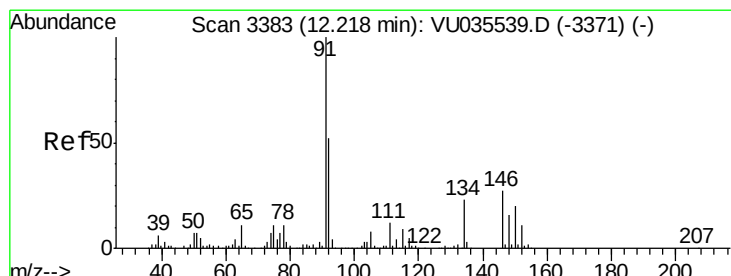
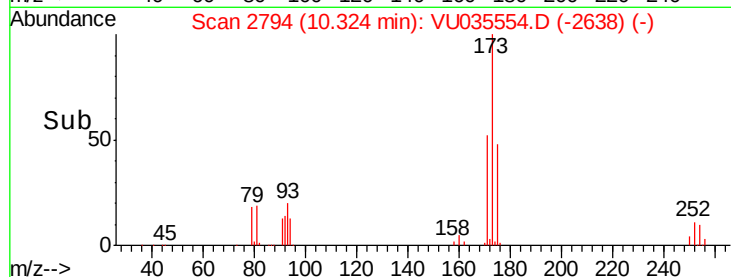
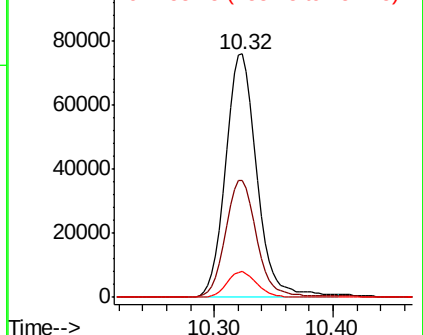
#67
Bromoform
Concen: 10.111 ug/l
RT: 10.32 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:173 Resp: 138150
Ion Ratio Lower Upper
173 100
175 48.0 38.7 58.1
254 10.3 8.2 12.2

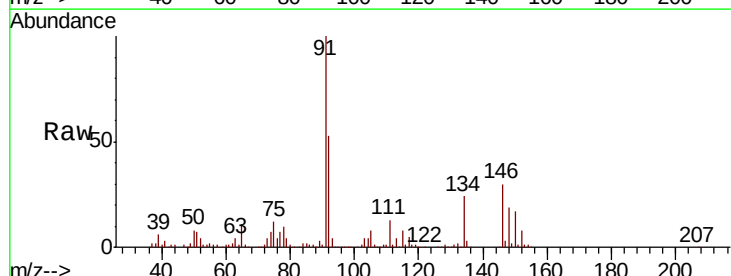


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

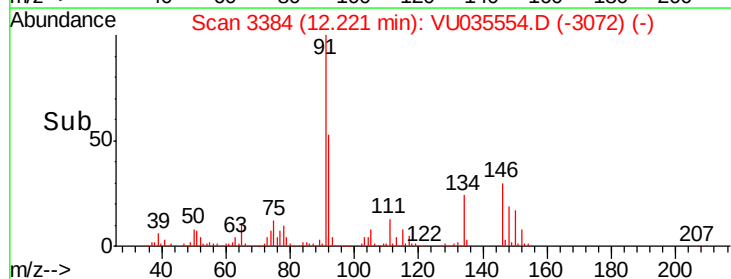
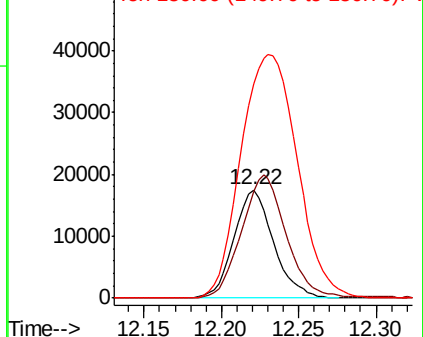


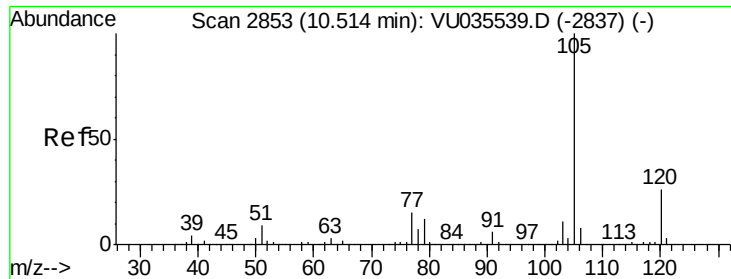
#68
1,2-Dichlorobenzene-d4
Concen: 1.063 ug/l
RT: 12.22 min Scan# 3384
Delta R.T. 0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Tgt Ion:152 Resp: 31156
Ion Ratio Lower Upper
152 100
115 128.0 0.0 250.6
150 320.2 0.0 656.8



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: 10.942 ug/l

RT: 10.51 min Scan# 2853

Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

Instrument :

MSVOA_U

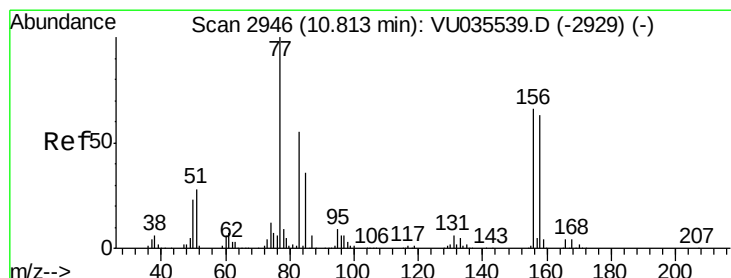
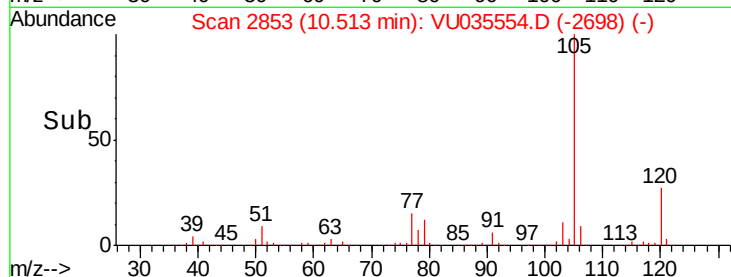
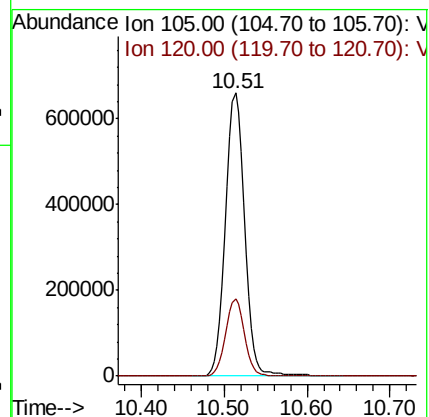
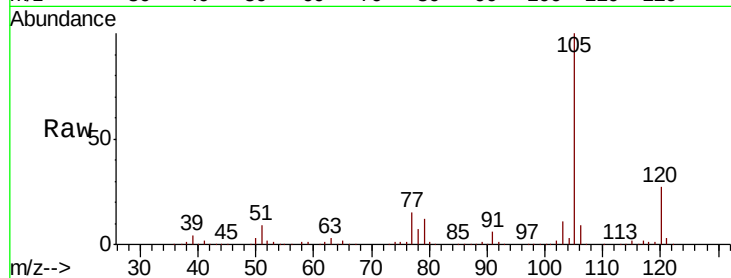
ClientSampleId :

Tot Ion:105 Resp: 1053200

Ion Ratio Lower Upper

105 100

120 27.0 13.2 39.5



#70

1,1,2,2-Tetrachloroethane

Concen: 9.767 ug/l

RT: 10.81 min Scan# 2946

Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

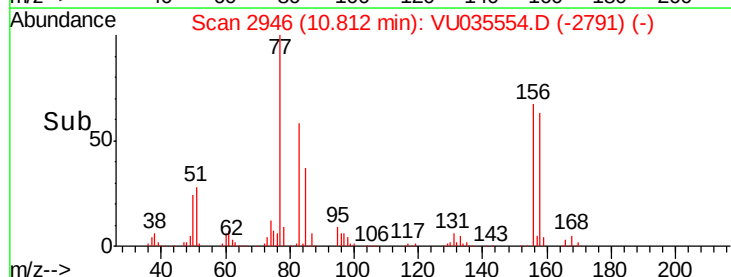
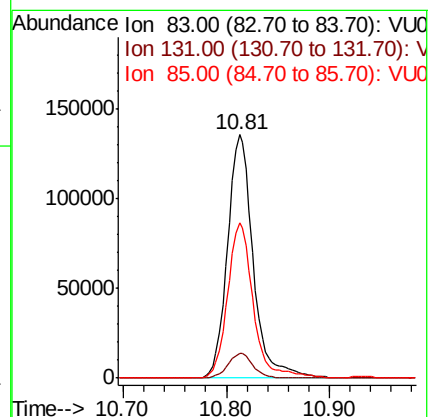
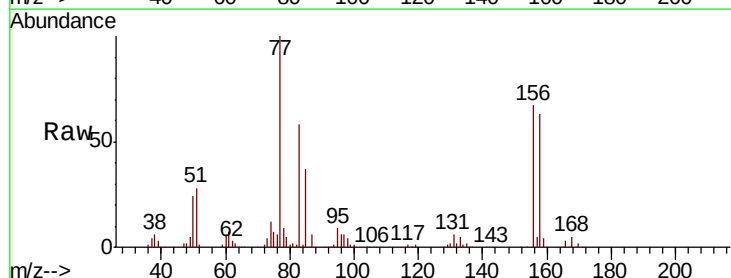
Tgt Ion: 83 Resp: 234889

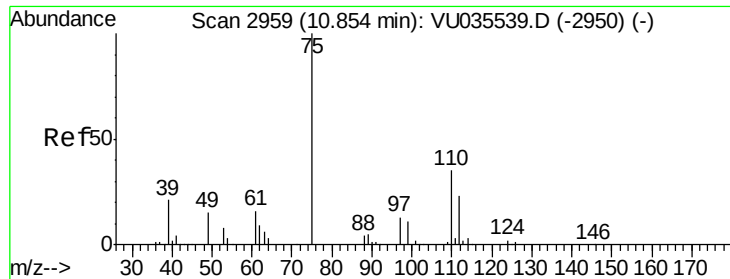
Ion Ratio Lower Upper

83 100

131 10.0 0.0 0.0#

85 64.0 33.5 50.3#

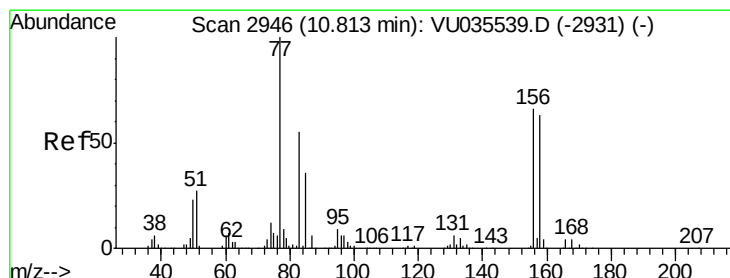
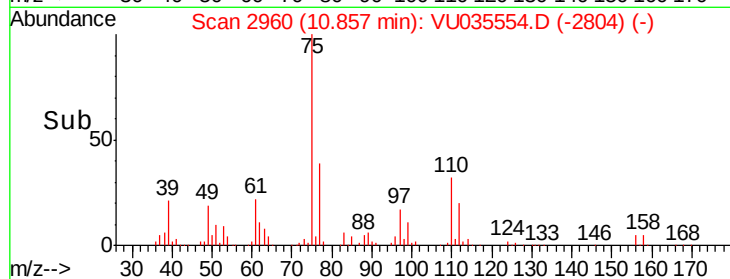
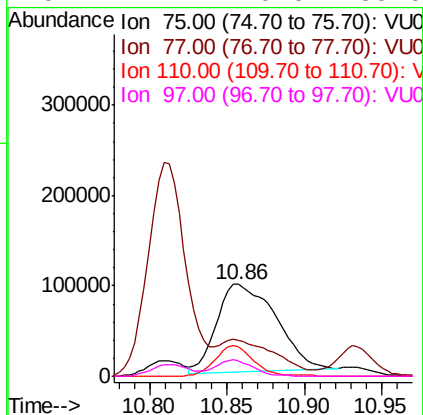
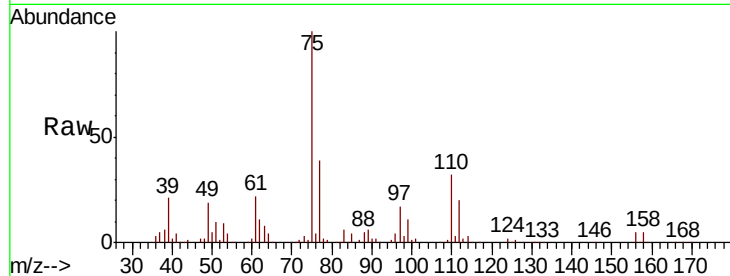




#71
 1,2,3-Trichloropropane
 Concen: 14.163 ug/l
 RT: 10.86 min Scan# 2960
 Delta R.T. 0.00 min
 Lab File: VU035554.D
 Acq: 30 Oct 2019 11:55

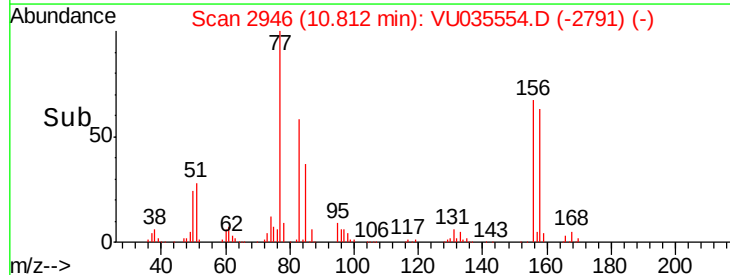
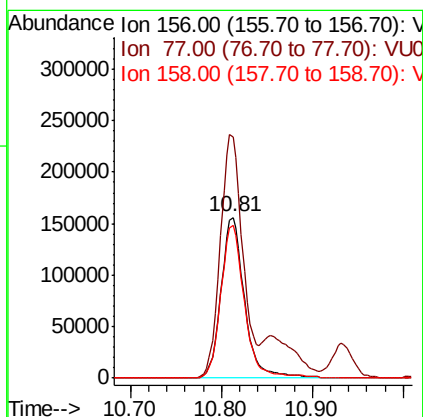
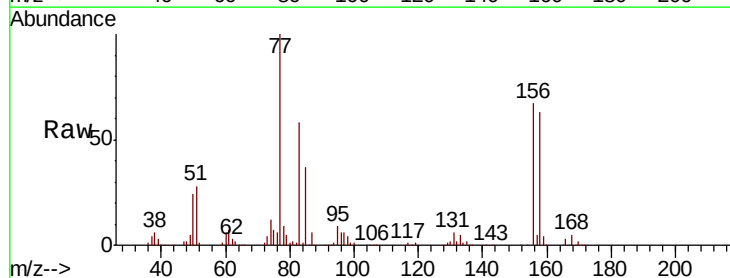
Instrument :
 MSVOA_U
 ClientSampleId :

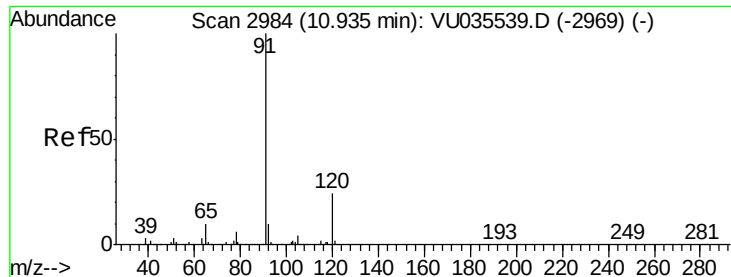
Tot Ion:	75	Resp:	255794
Ion	Ratio	Lower	Upper
75	100		
77	20.5	0.0	68.6
110	23.4	0.0	77.2
97	12.2	0.0	39.0



#72
 Bromobenzene
 Concen: 10.430 ug/l
 RT: 10.81 min Scan# 2946
 Delta R.T. -0.00 min
 Lab File: VU035554.D
 Acq: 30 Oct 2019 11:55

Tgt Ion:	156	Resp:	279710
Ion	Ratio	Lower	Upper
156	100		
77	145.4	0.0	300.4
158	96.1	0.0	194.4





#73

n-propylbenzene

Concen: 11.489 ug/l

RT: 10.93 min Scan# 2984

Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

Instrument :

MSVOA_U

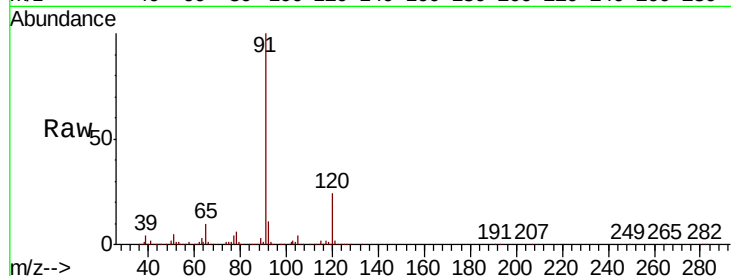
ClientSampled :

Tot Ion:120 Resp: 308826

Ion Ratio Lower Upper

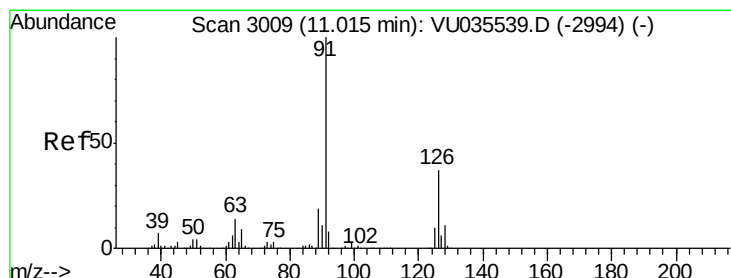
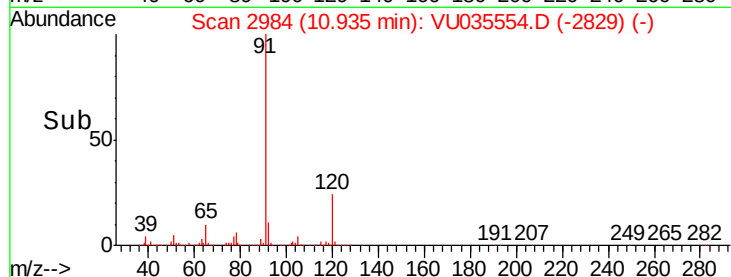
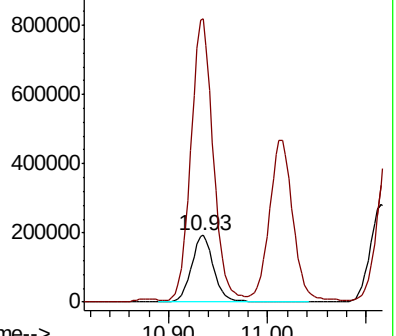
120 100

91 416.9 340.6 510.8



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 10.793 ug/l

RT: 11.01 min Scan# 3009

Delta R.T. -0.00 min

Lab File: VU035554.D

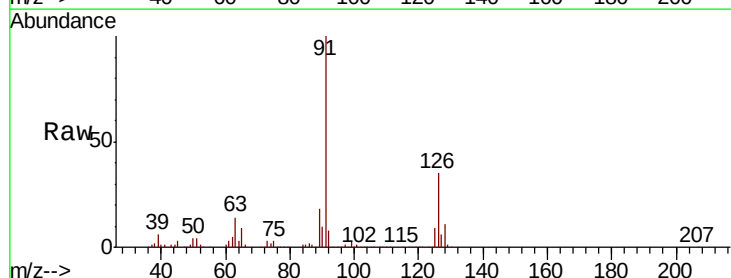
Acq: 30 Oct 2019 11:55

Tgt Ion:126 Resp: 272036

Ion Ratio Lower Upper

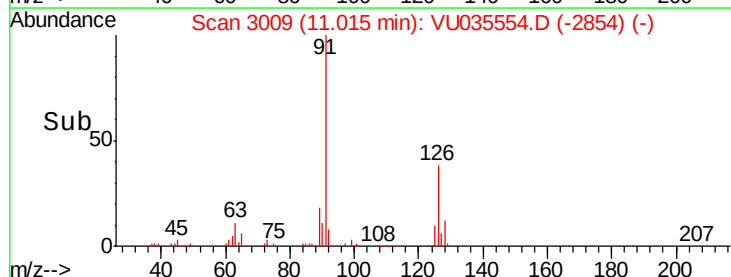
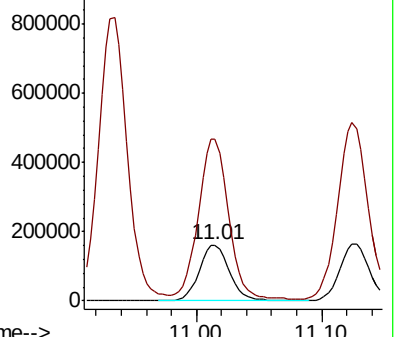
126 100

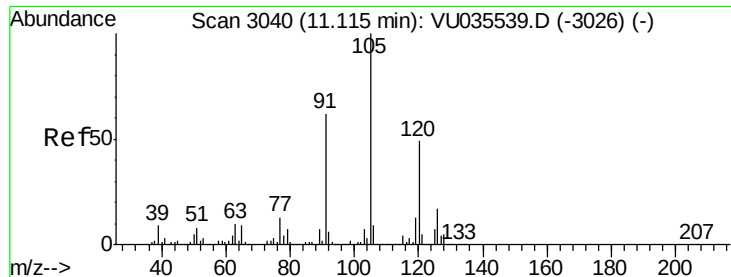
91 287.9 0.0 574.2



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 11.382 ug/l

RT: 11.11 min Scan# 3040

Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

Instrument :

MSVOA_U

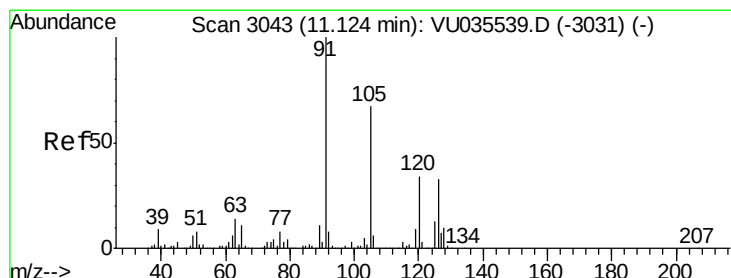
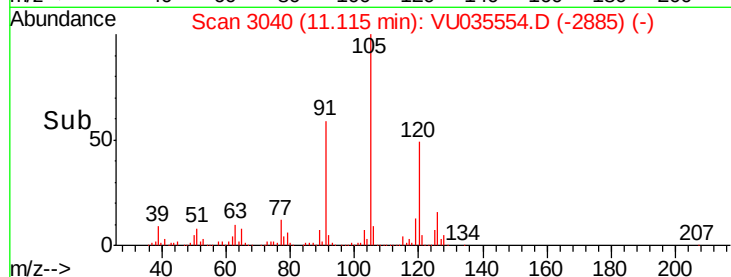
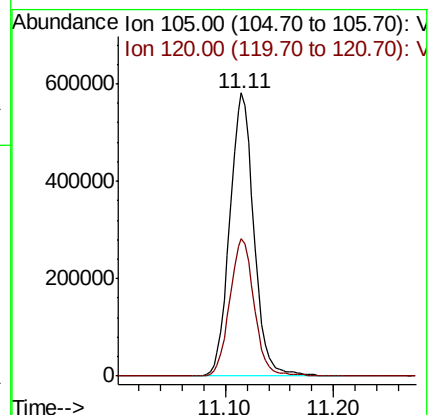
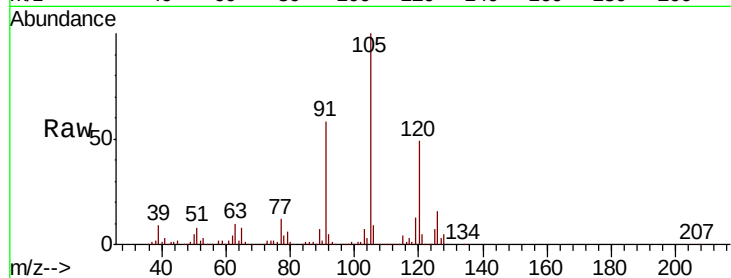
ClientSampleId :

Tot Ion:105 Resp: 902685

Ion Ratio Lower Upper

105 100

120 49.5 39.4 59.2



#76

4-Chlorotoluene

Concen: 11.066 ug/l

RT: 11.12 min Scan# 3043

Delta R.T. -0.00 min

Lab File: VU035554.D

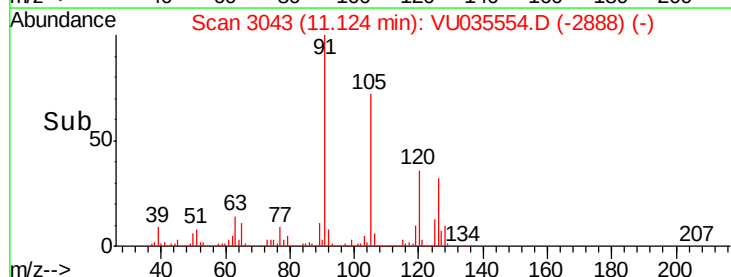
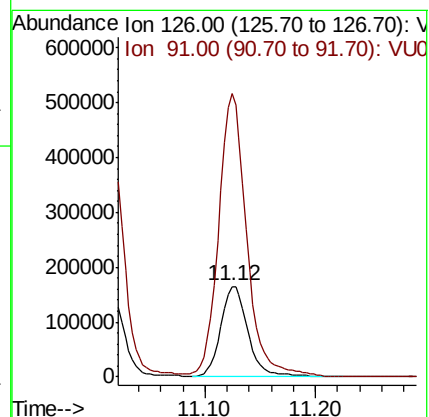
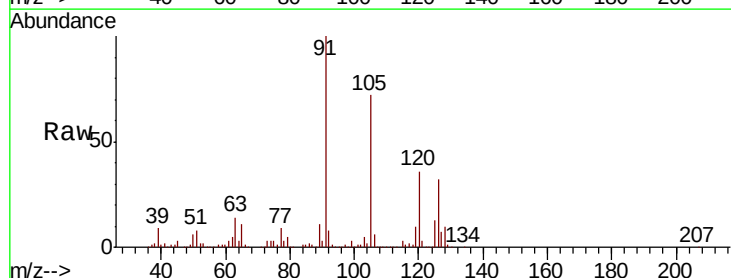
Acq: 30 Oct 2019 11:55

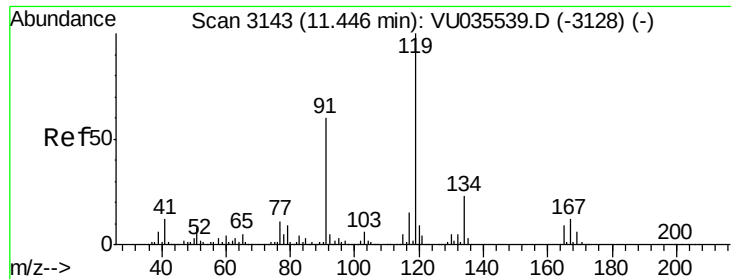
Tgt Ion:126 Resp: 283255

Ion Ratio Lower Upper

126 100

91 321.7 0.0 637.0

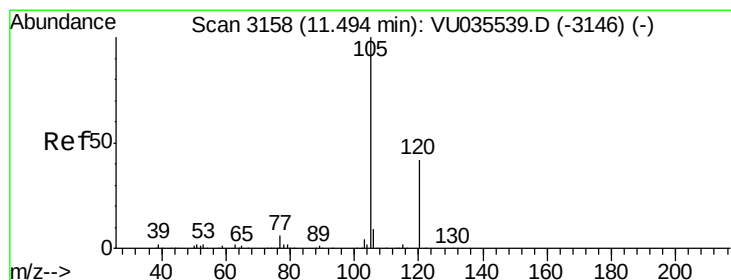
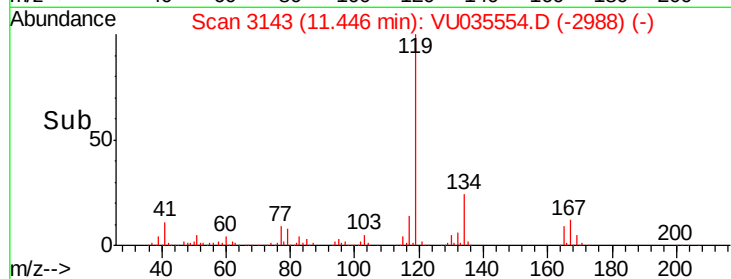
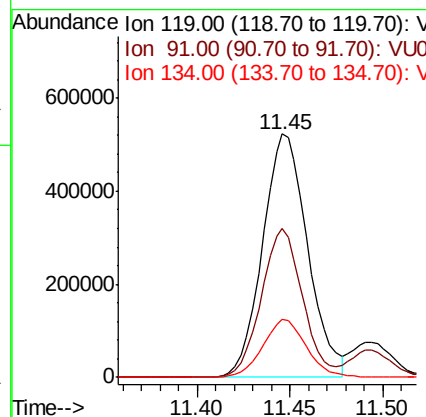
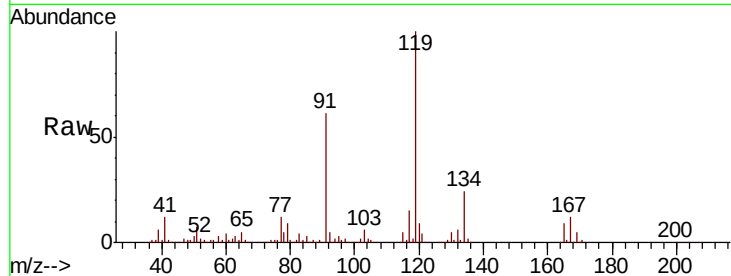




#77
 tert-Butylbenzene
 Concen: 10.914 ug/l
 RT: 11.45 min Scan# 3143
 Delta R.T. -0.00 min
 Lab File: VU035554.D
 Acq: 30 Oct 2019 11:55

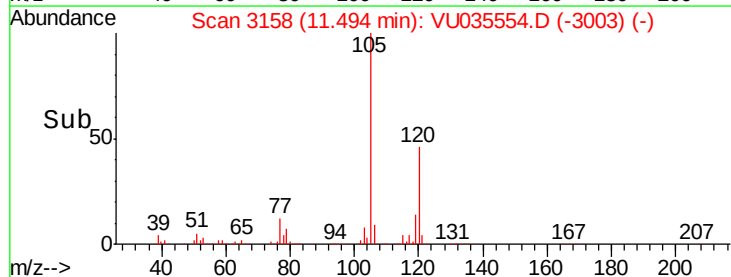
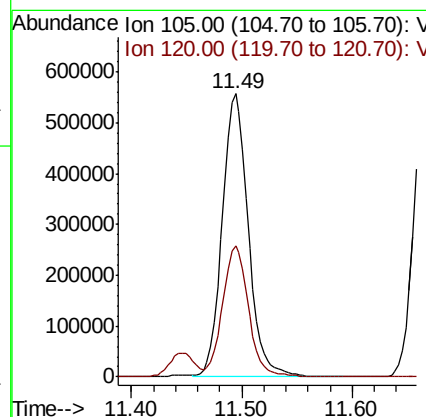
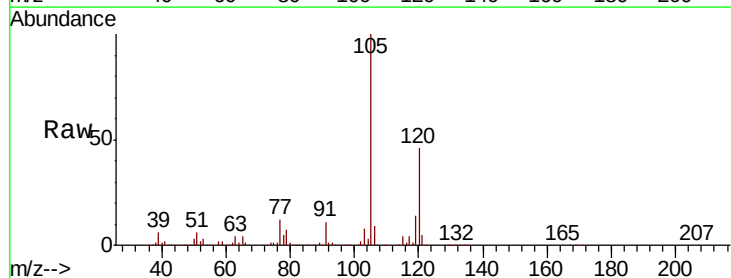
Instrument :
 MSVOA_U
 ClientSampleId :

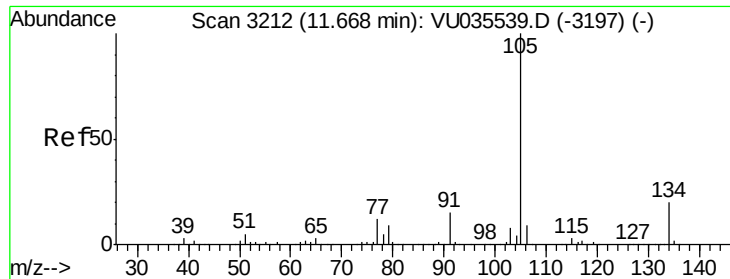
Tot Ion:119 Resp: 887713
 Ion Ratio Lower Upper
 119 100
 91 56.0 27.9 83.7
 134 22.9 18.3 27.5



#78
 1,2,4-Trimethylbenzene
 Concen: 11.346 ug/l
 RT: 11.49 min Scan# 3158
 Delta R.T. -0.00 min
 Lab File: VU035554.D
 Acq: 30 Oct 2019 11:55

Tgt Ion:105 Resp: 910659
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.2 69.5





#79

sec-Butylbenzene

Concen: 11.056 ug/l

RT: 11.67 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

Instrument :

MSVOA_U

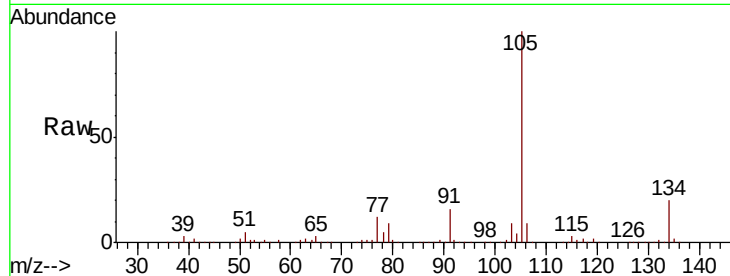
ClientSampleId :

Tot Ion:105 Resp: 1150373

Ion Ratio Lower Upper

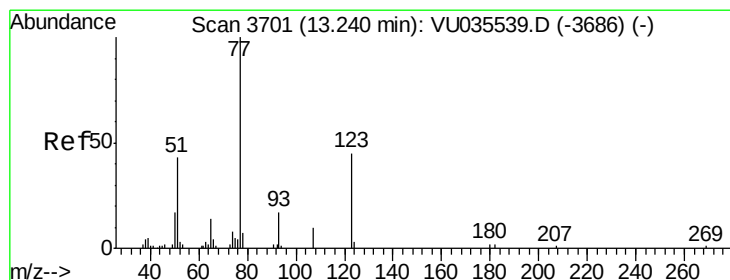
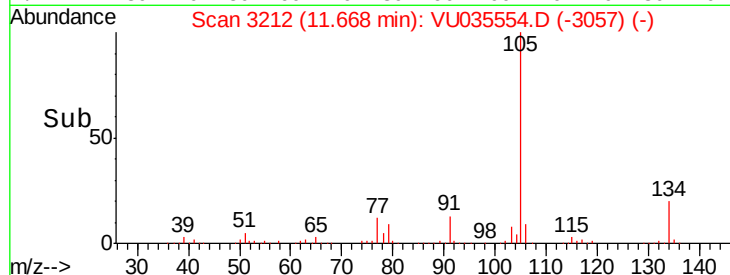
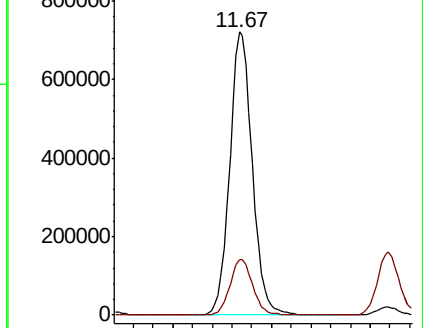
105 100

134 19.9 15.9 23.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 25.969 ug/l

RT: 13.24 min Scan# 3701

Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

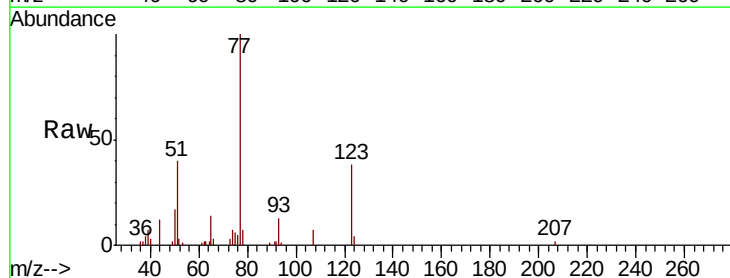
Tgt Ion: 77 Resp: 20928

Ion Ratio Lower Upper

77 100

123 39.5 18.9 67.1

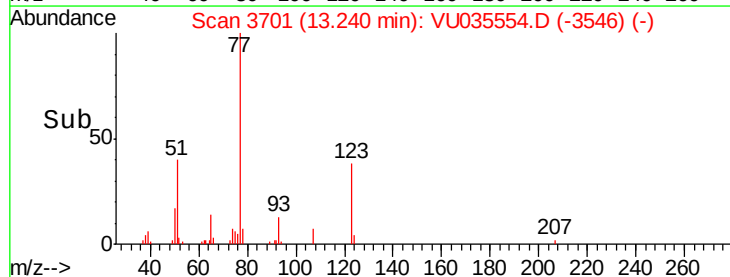
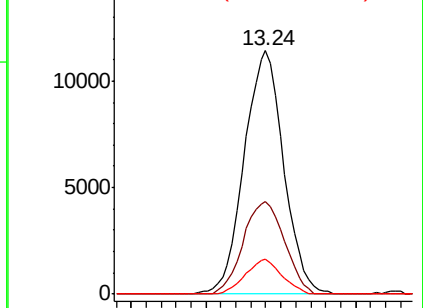
65 13.2 11.2 14.2

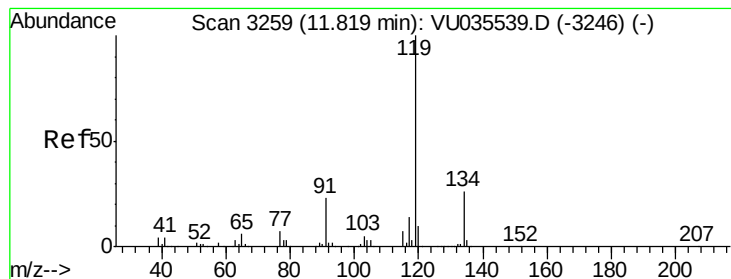


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0





#81

p-Isopropyltoluene

Concen: 11.394 ug/l

RT: 11.82 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

Instrument :

MSVOA_U

ClientSampleId :

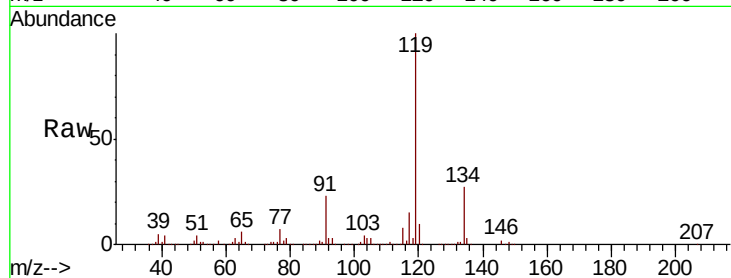
Tot Ion:119 Resp: 948577

Ion Ratio Lower Upper

119 100

134 26.3 17.0 25.4#

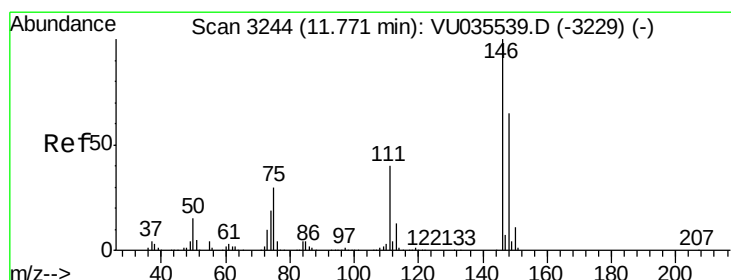
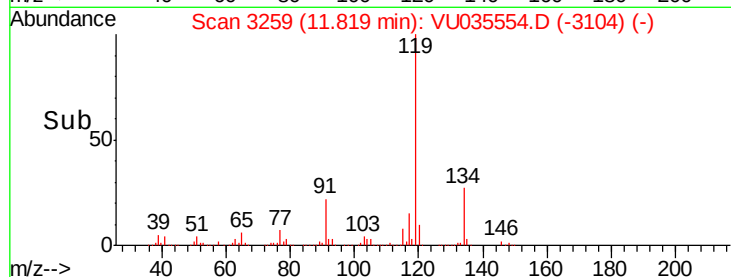
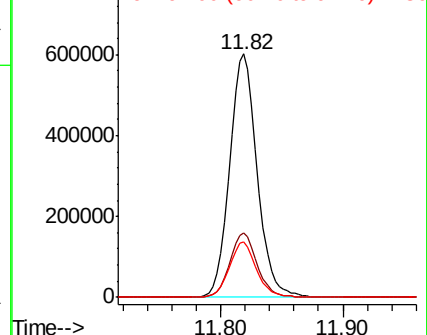
91 22.5 41.3 61.9#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#82

1,3-Dichlorobenzene

Concen: 10.446 ug/l

RT: 11.77 min Scan# 3245

Delta R.T. 0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

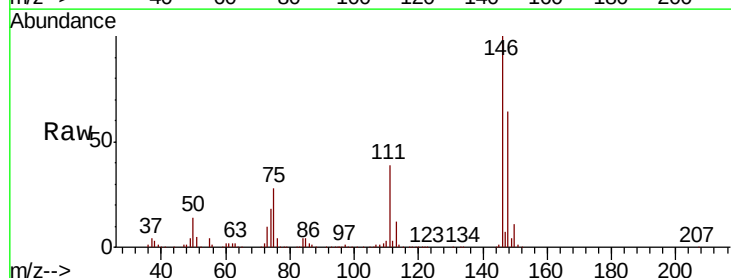
Tgt Ion:146 Resp: 533576

Ion Ratio Lower Upper

146 100

111 39.1 31.8 47.6

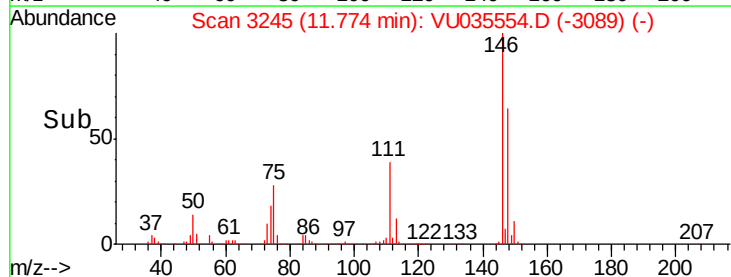
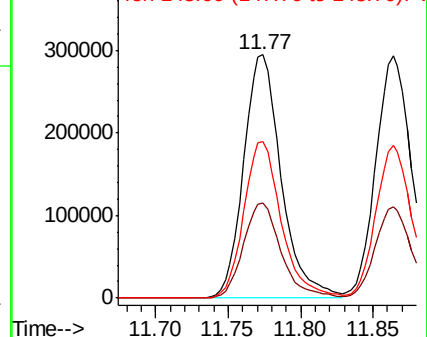
148 64.2 50.9 76.3

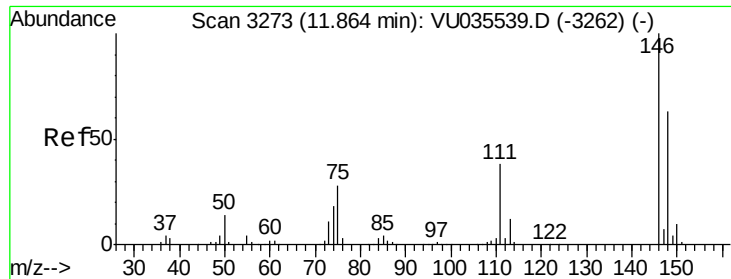


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

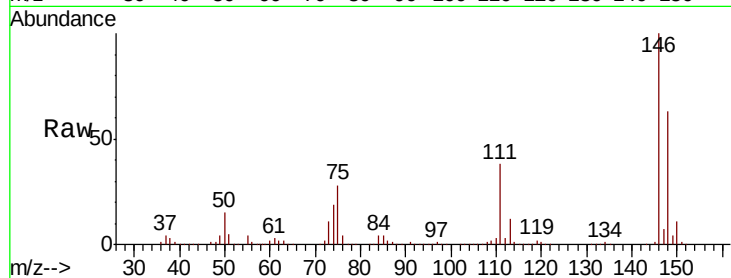




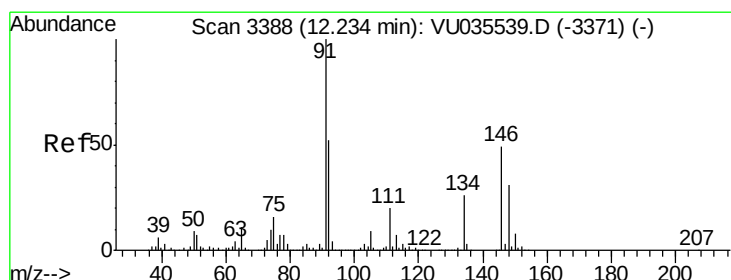
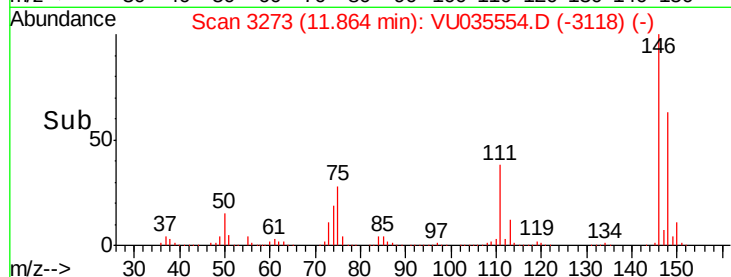
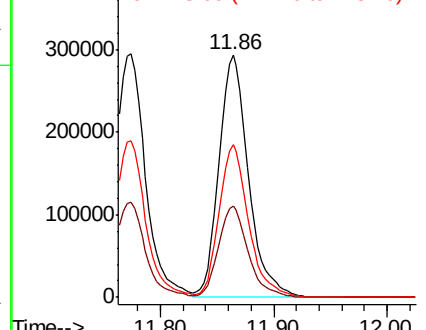
#83
 1,4-Dichlorobenzene
 Concen: 10.856 ug/l
 RT: 11.86 min Scan# 3273
 Delta R.T. -0.00 min
 Lab File: VU035554.D
 Acq: 30 Oct 2019 11:55

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	30.1	45.1
148	63.0	51.0	76.4

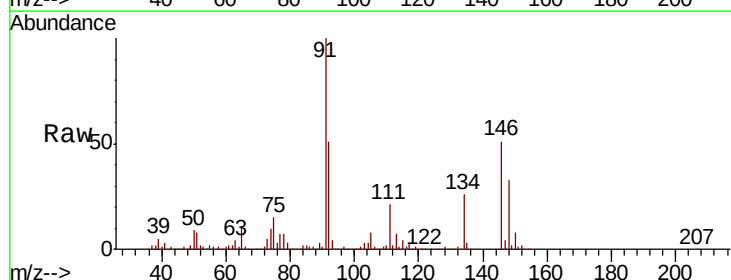


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

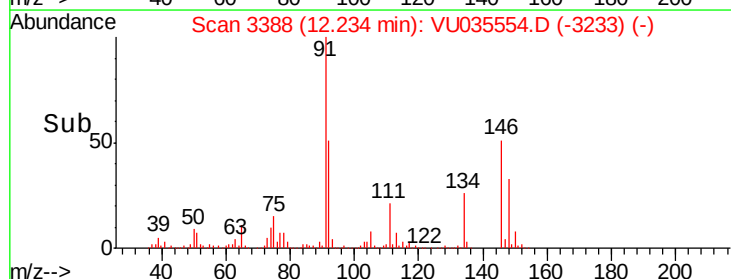
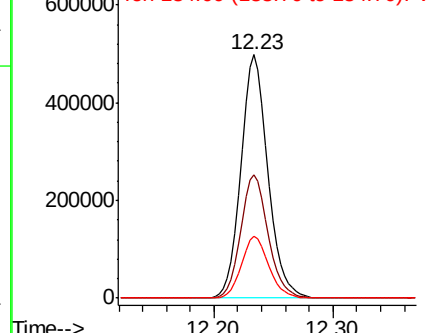


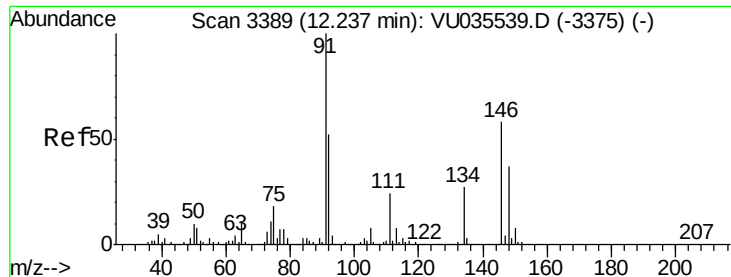
#84
 n-Butylbenzene
 Concen: 11.416 ug/l
 RT: 12.23 min Scan# 3388
 Delta R.T. -0.00 min
 Lab File: VU035554.D
 Acq: 30 Oct 2019 11:55

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.3	41.4	62.0
134	25.7	20.6	30.8



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

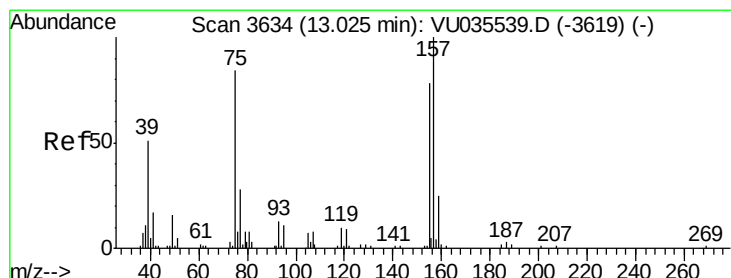
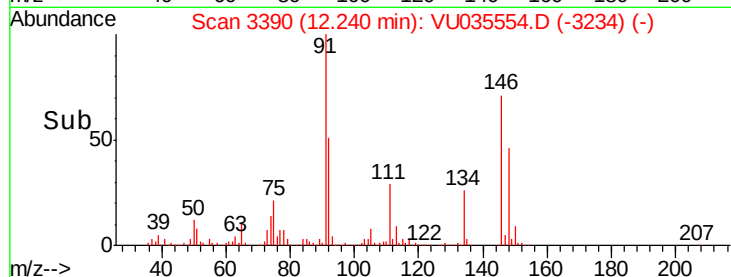
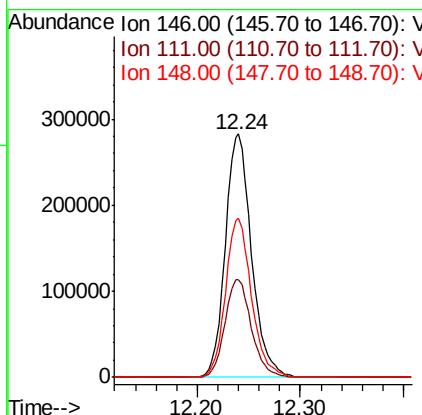
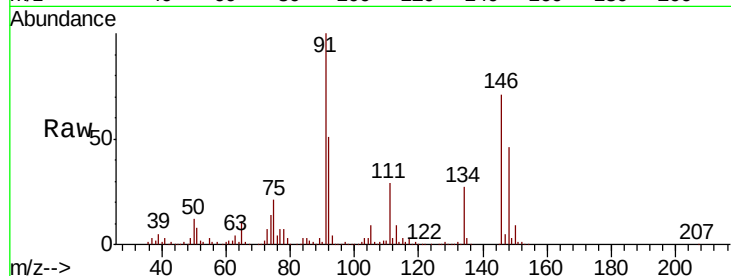




#85
 1,2-Dichlorobenzene
 Concen: 10.381 ug/l
 RT: 12.24 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VU035554.D
 Acq: 30 Oct 2019 11:55

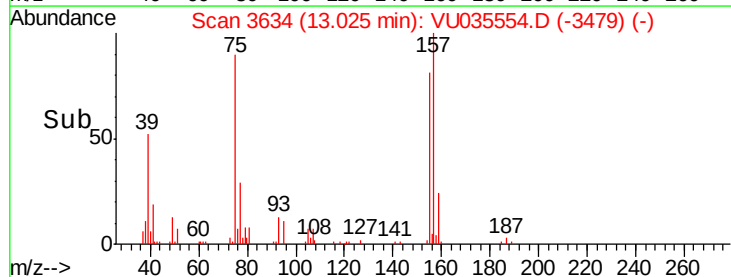
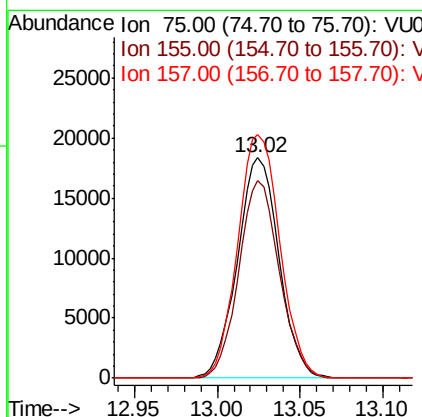
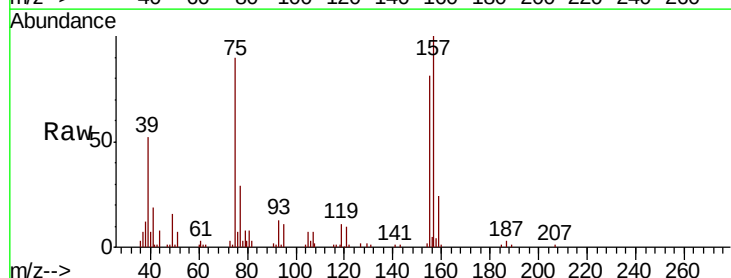
Instrument :
 MSVOA_U
 ClientSampleId :

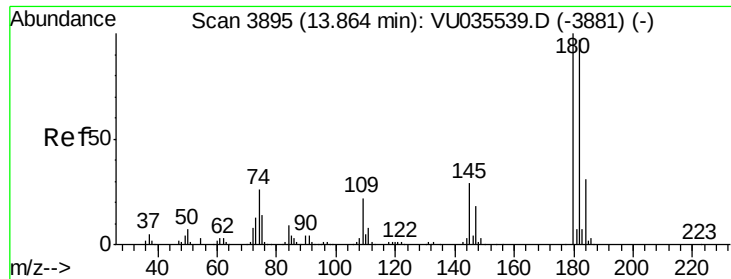
Tot Ion:146 Resp: 499306
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.5 61.5
 148 64.8 32.0 96.2



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 10.459 ug/l
 RT: 13.02 min Scan# 3634
 Delta R.T. -0.00 min
 Lab File: VU035554.D
 Acq: 30 Oct 2019 11:55

Tgt Ion: 75 Resp: 32032
 Ion Ratio Lower Upper
 75 100
 155 87.3 71.3 106.9
 157 112.5 91.2 136.8

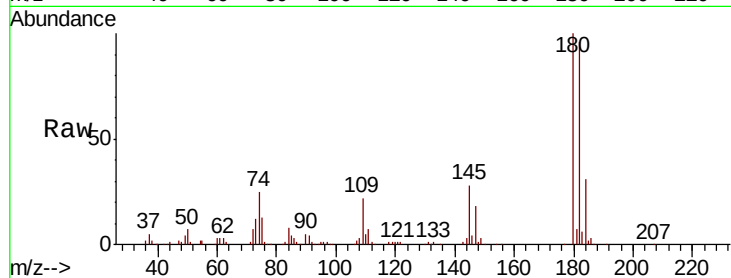




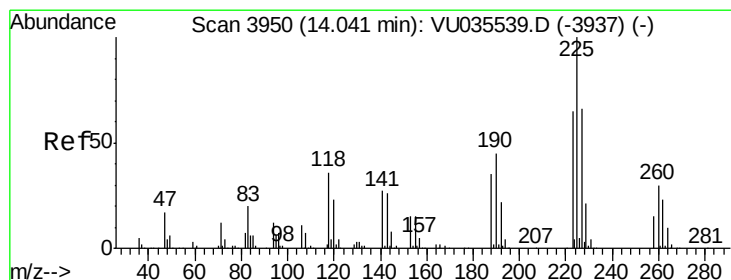
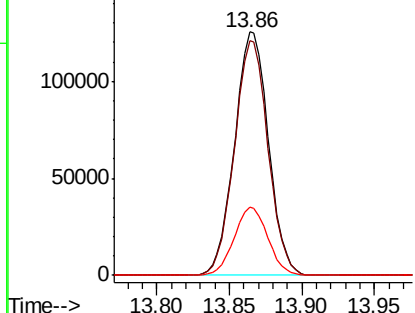
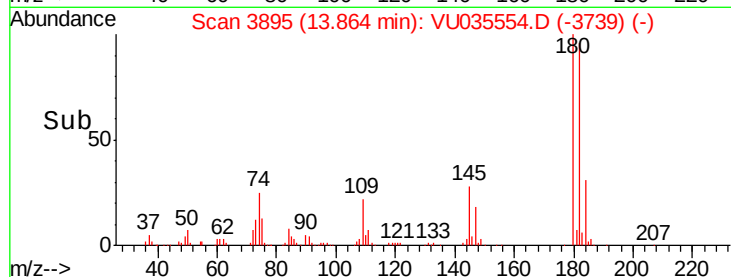
#87
 1,2,4-Trichlorobenzene
 Concen: 9.225 ug/l
 RT: 13.86 min Scan# 3895
 Delta R.T. 0.00 min
 Lab File: VU035554.D
 Acq: 30 Oct 2019 11:55

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.4	116.0
145	28.0	22.6	33.8

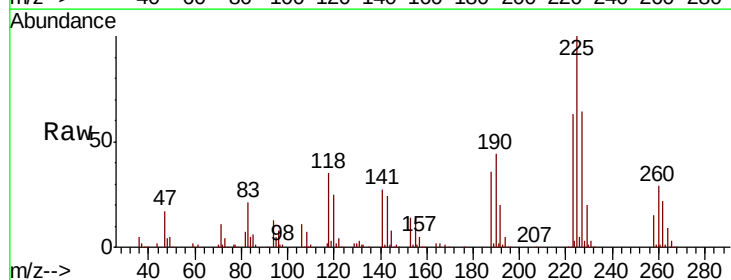


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

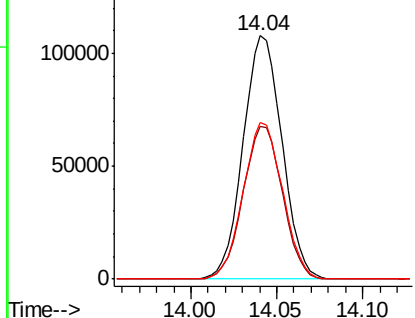
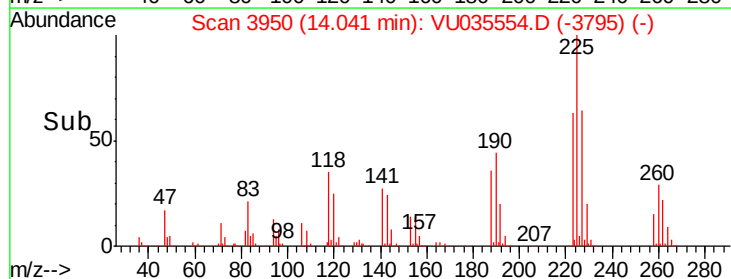


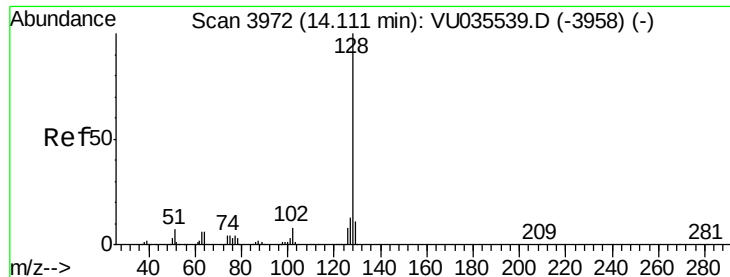
#88
 Hexachlorobutadiene
 Concen: 9.469 ug/l
 RT: 14.04 min Scan# 3950
 Delta R.T. -0.00 min
 Lab File: VU035554.D
 Acq: 30 Oct 2019 11:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.7	76.1
227	64.9	52.2	78.4



Abundance Ion 224.60 (224.30 to 225.30): V
 Ion 222.60 (222.30 to 223.30): V
 Ion 226.60 (226.30 to 227.30): V

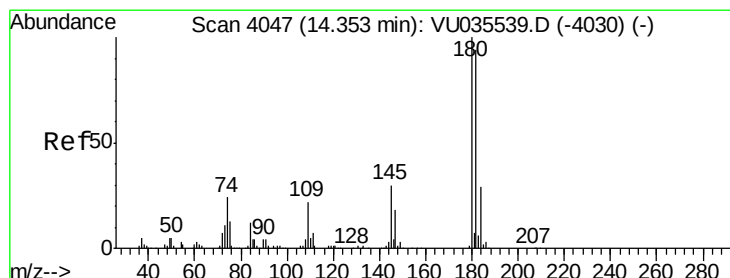
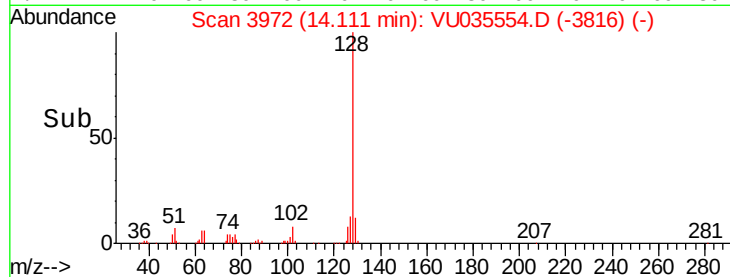
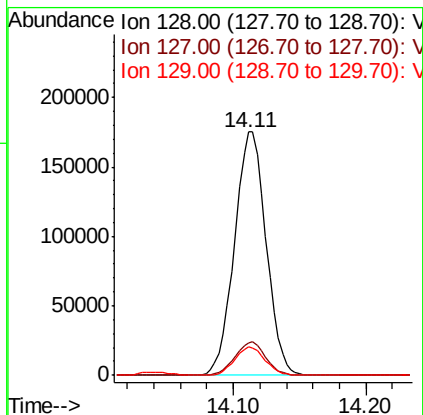
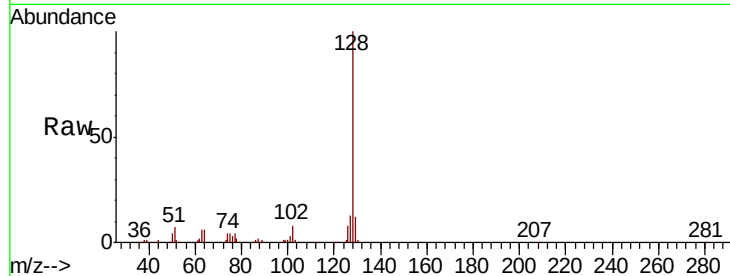




#89
Naphthalene
Concen: 8.907 ug/l
RT: 14.11 min Scan# 3972
Delta R.T. 0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:128 Resp: 290019
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 11.1 8.6 13.0



#90
1,2,3-Trichlorobenzene
Concen: 9.476 ug/l
RT: 14.35 min Scan# 4047
Delta R.T. 0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Tgt Ion:180 Resp: 205501
Ion Ratio Lower Upper
180 100
182 94.5 75.8 113.8
145 29.3 23.7 35.5

