

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U012320\
 Data File : VU036539.D
 Acq On : 23 Jan 2020 14:34
 Operator : JC/MD
 Sample : L1134-08DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 00:52:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U012220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jan 23 08:59:25 2020
 Response via : Initial Calibration

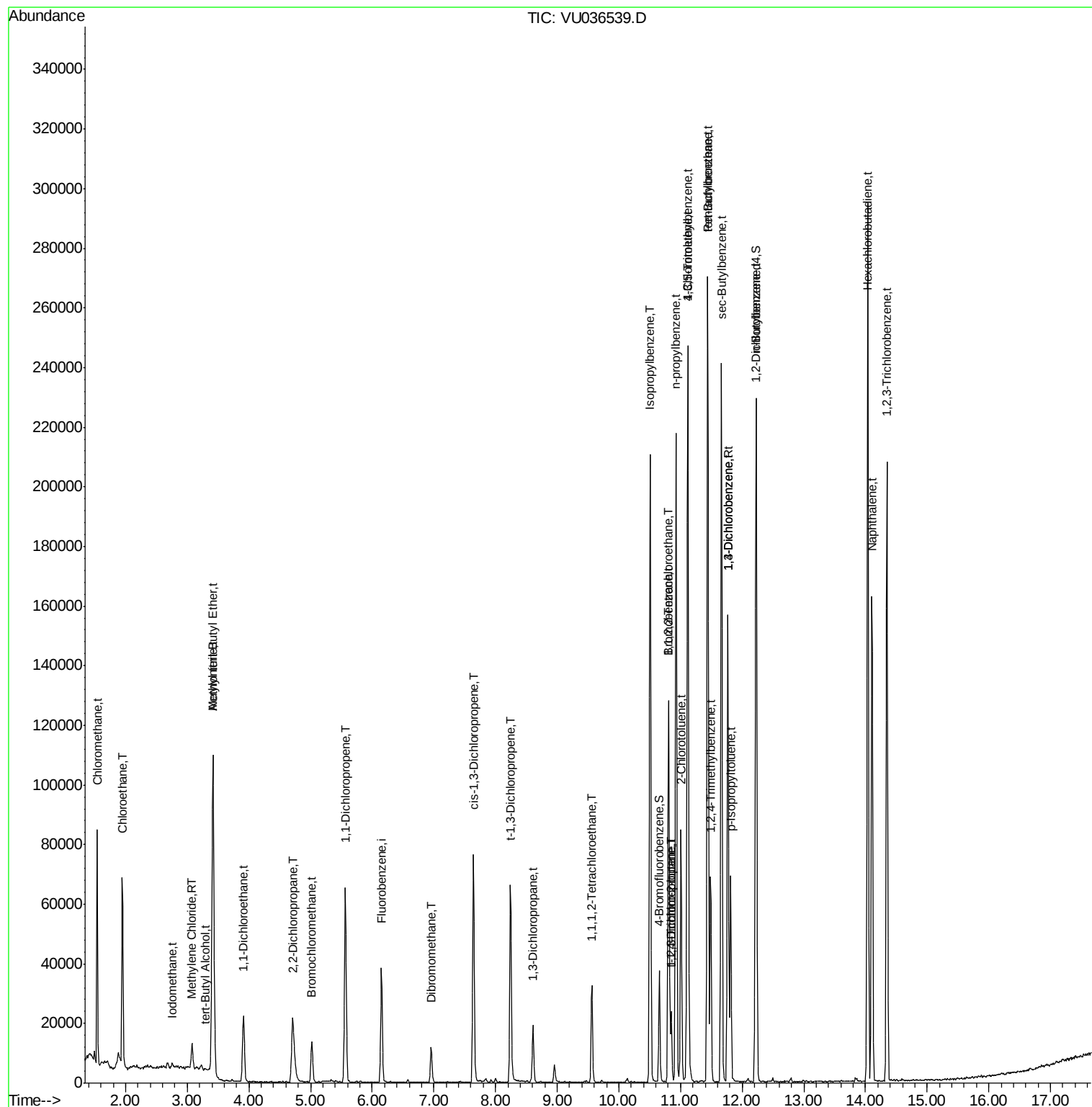
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) Fluorobenzene	6.15	96	37414	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.66	95	13499	0.96	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.00%	
68) 1,2-Dichlorobenzene-d4	12.21	152	14210	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.00%	
Target Compounds						
					Ovalue	
3) Chloromethane	1.54	50	54938	4.143	ug/l	97
6) Chloroethane	1.95	64	42793	4.810	ug/l	99
10) Iodomethane	2.75	142	1277	0.728	ug/l	89
12) Acrylonitrile	3.41	53	1325	0.549	ug/l #	26
13) Acetone	2.68	43	1547	Below Cal	#	87
15) Methylene Chloride	3.08	84	4065	0.314	ug/l	93
17) 1,1-Dichloroethane	3.91	63	26031	1.472	ug/l	98
21) 2,2-Dichloropropane	4.71	77	16541	1.096	ug/l	94
24) tert-Butyl Alcohol	3.29	59	189	0.278	ug/l #	72
25) Methyl tert-Butyl Ether	3.42	73	129216	5.012	ug/l	97
26) Bromochloromethane	5.02	128	4700	0.964	ug/l	93
29) 1,1-Dichloropropene	5.57	75	36744	2.567	ug/l	100
43) Dibromomethane	6.96	93	4625	0.850	ug/l	97
46) t-1,4-Dichloro-2-butene	10.85	75	9103	3.372	ug/l #	26
50) t-1,3-Dichloropropene	8.24	75	40063	3.124	ug/l	96
51) cis-1,3-Dichloropropene	7.64	75	49395	3.178	ug/l	98
53) 1,3-Dichloropropane	8.61	76	12407	0.938	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.56	131	8858	0.941	ug/l	99
61) Pentachloroethane	11.44	117	4943	0.814	ug/l #	11
69) Isopropylbenzene	10.51	105	141065	2.836	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.81	83	23689	2.432	ug/l	97
71) 1,2,3-Trichloropropane	10.85	75	9103	1.310	ug/l #	55
72) Bromobenzene	10.81	156	25469	2.125	ug/l	99
73) n-propylbenzene	10.93	120	39556	2.834	ug/l	91
74) 2-Chlorotoluene	11.01	126	16902	1.410	ug/l	92
75) 1,3,5-Trimethylbenzene	11.11	105	58589	1.373	ug/l	99
76) 4-Chlorotoluene	11.12	126	36093	2.914	ug/l	99
77) tert-Butylbenzene	11.44	119	138370	3.423	ug/l	94
78) 1,2,4-Trimethylbenzene	11.49	105	38586	0.877	ug/l	100
79) sec-Butylbenzene	11.66	105	170189	3.034	ug/l	100
81) p-Isopropyltoluene	11.81	119	39205	0.836	ug/l	100
82) 1,3-Dichlorobenzene	11.77	146	70009	2.920	ug/l	100
83) 1,4-Dichlorobenzene	11.77	146	70009	2.921	ug/l	99
84) n-Butylbenzene	12.23	91	117482	2.710	ug/l	99
88) Hexachlorobutadiene	14.04	225	56321	7.002	ug/l	98
89) Naphthalene	14.10	128	136320	5.391	ug/l	99
90) 1,2,3-Trichlorobenzene	14.35	180	64865	4.699	ug/l	99
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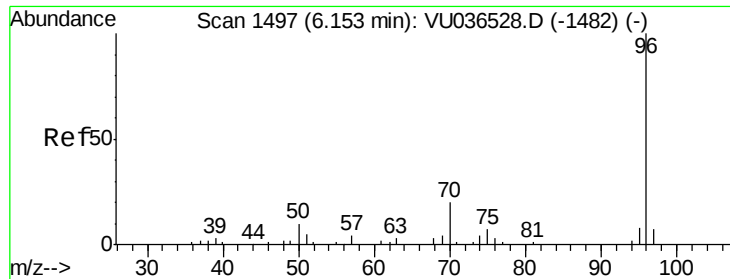
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.15 min Scan# 1497

Delta R.T. 0.00 min

Lab File: VU036539.D

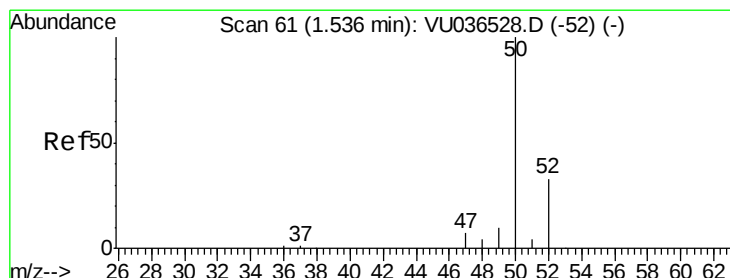
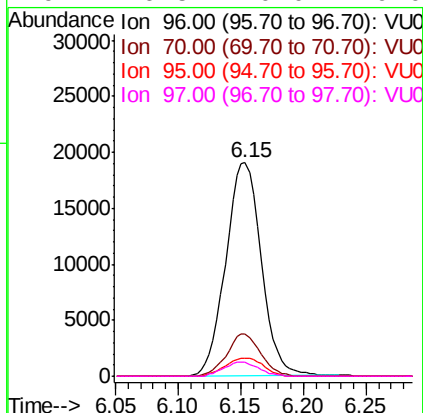
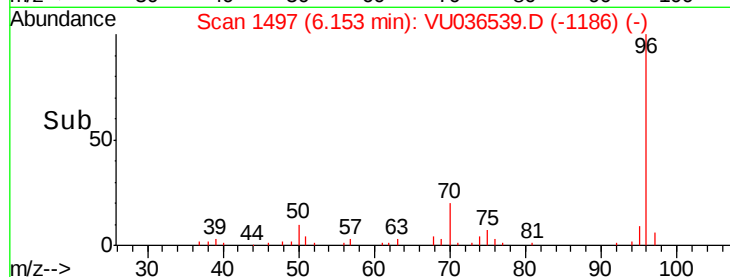
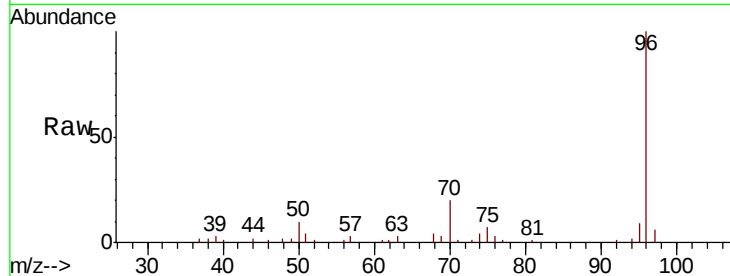
Acq: 23 Jan 2020 14:34

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion:	96	Resp:	37414
Ion	Ratio	Lower	Upper
96	100		
70	19.0	15.6	23.4
95	9.1	7.0	10.6
97	6.5	0.0	0.0#



#3

Chloromethane

Concen: 4.143 ug/l

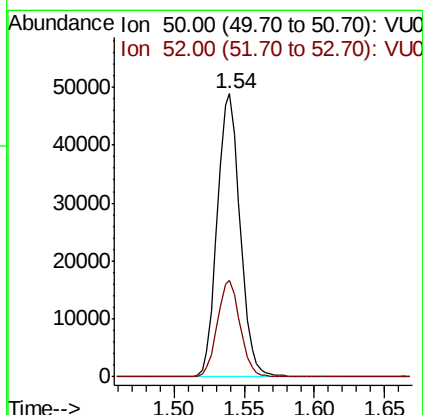
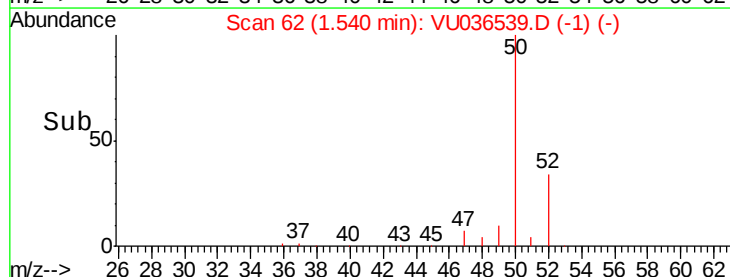
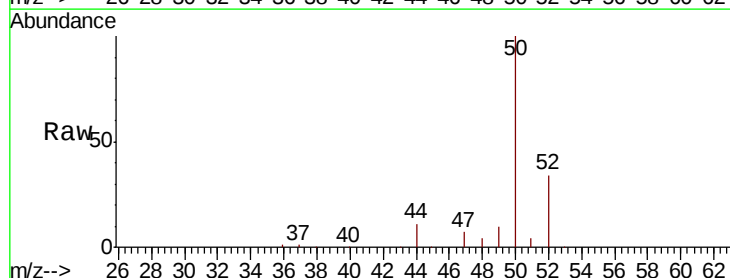
RT: 1.54 min Scan# 62

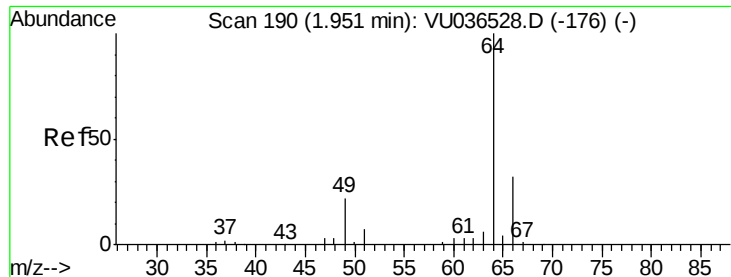
Delta R.T. 0.00 min

Lab File: VU036539.D

Acq: 23 Jan 2020 14:34

Tgt Ion:	50	Resp:	54938
Ion	Ratio	Lower	Upper
50	100		
52	34.2	26.0	39.0

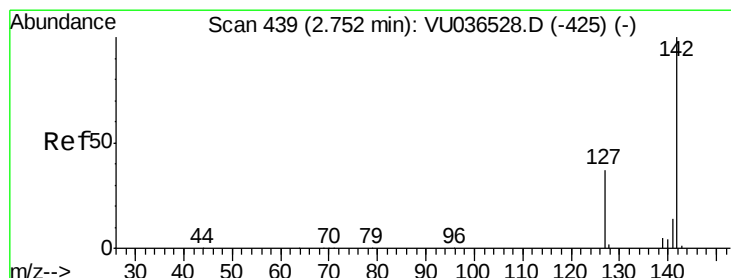
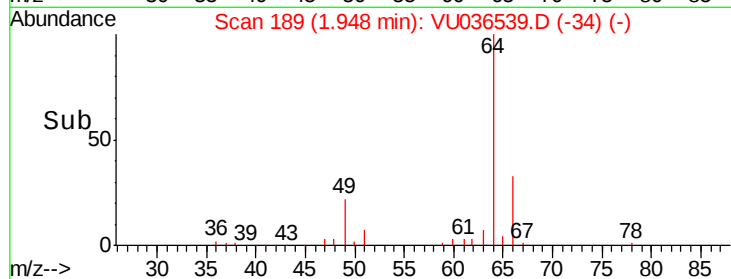
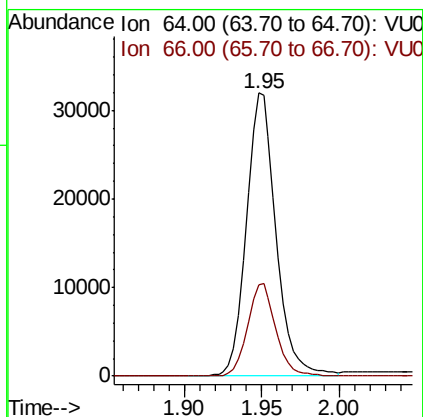
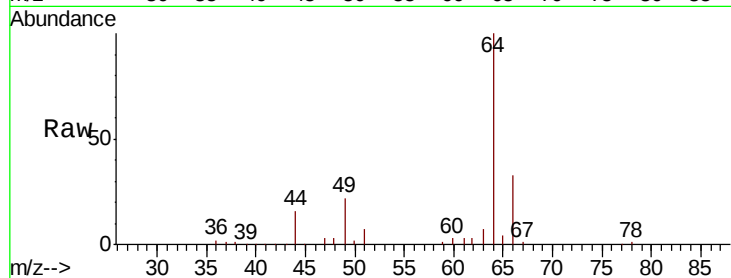




#6
Chloroethane
Concen: 4.810 ug/l
RT: 1.95 min Scan# 189
Delta R.T. -0.00 min
Lab File: VU036539.D
Acq: 23 Jan 2020 14:34

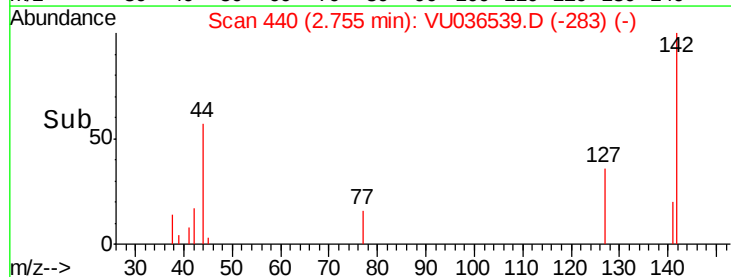
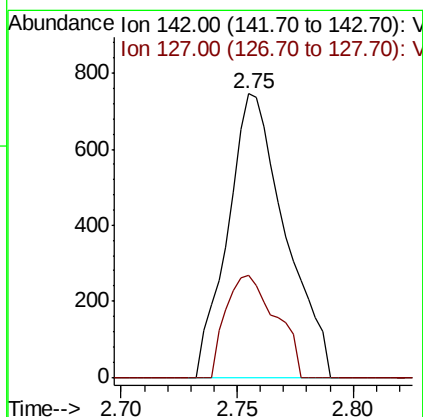
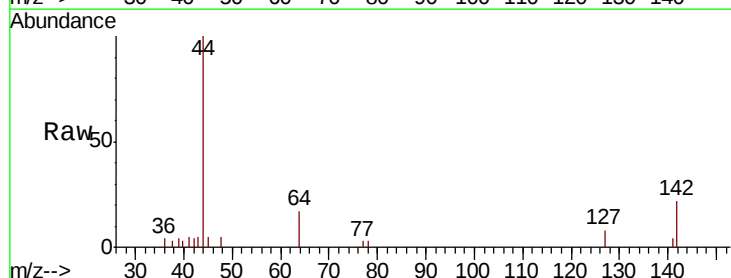
Instrument :
MSVOA_U
ClientSampleId :

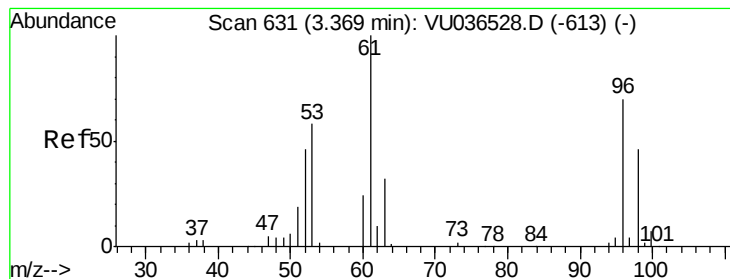
Tot Ion: 64 Resp: 42793
Ion Ratio Lower Upper
64 100
66 32.5 25.5 38.3



#10
Iodomethane
Concen: 0.728 ug/l
RT: 2.75 min Scan# 440
Delta R.T. 0.00 min
Lab File: VU036539.D
Acq: 23 Jan 2020 14:34

Tgt Ion:142 Resp: 1277
Ion Ratio Lower Upper
142 100
127 31.3 30.3 45.5





#12

Acrylonitrile

Concen: 0.549 ug/l

RT: 3.41 min Scan# 645

Delta R.T. 0.05 min

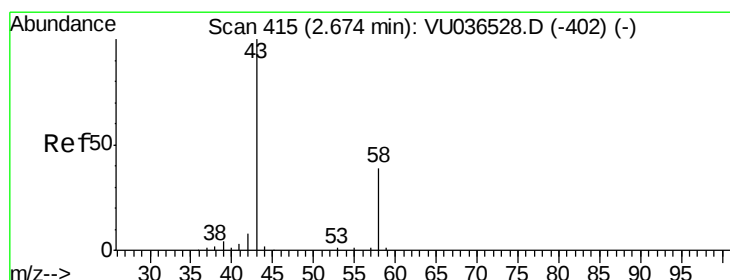
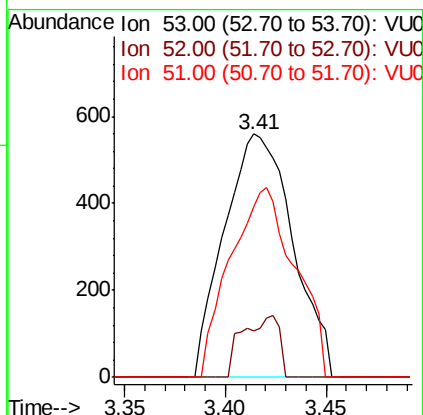
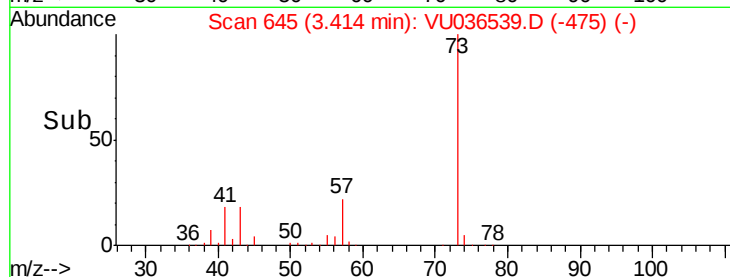
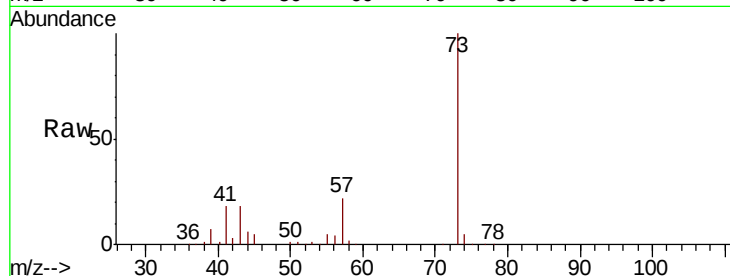
Lab File: VU036539.D

Acq: 23 Jan 2020 14:34

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 53 Resp: 1325

Ion	Ratio	Lower	Upper
53	100		
52	13.5	64.6	97.0#
51	73.6	27.2	40.8#



#13

Acetone

Concen: Below Cal

RT: 2.68 min Scan# 417

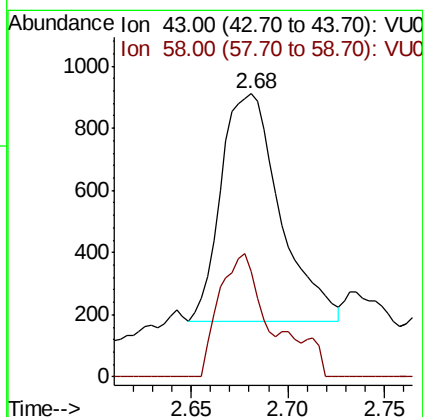
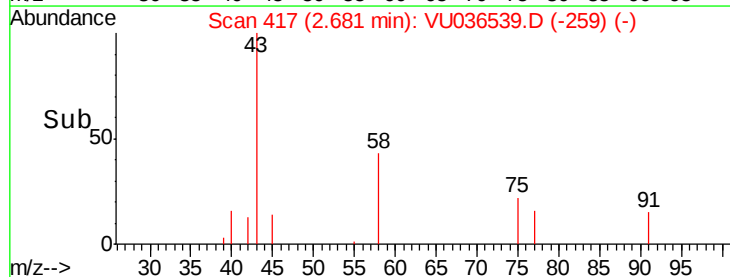
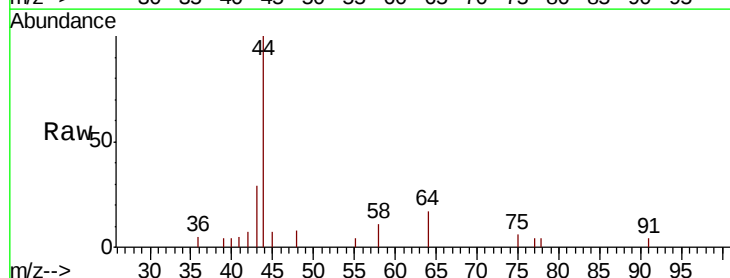
Delta R.T. 0.01 min

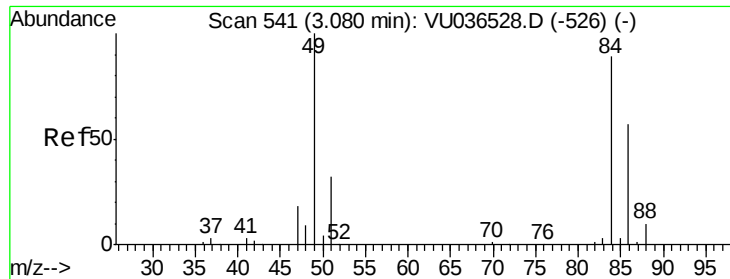
Lab File: VU036539.D

Acq: 23 Jan 2020 14:34

Tgt Ion: 43 Resp: 1547

Ion	Ratio	Lower	Upper
43	100		
58	46.3	30.8	46.2#

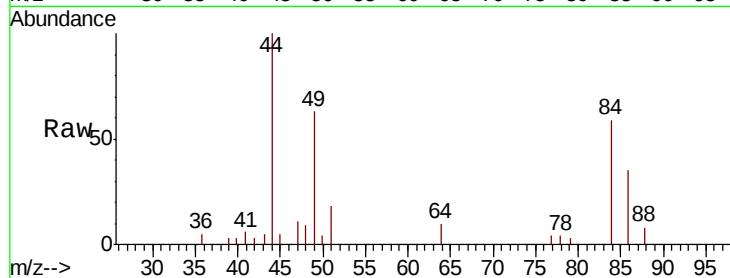




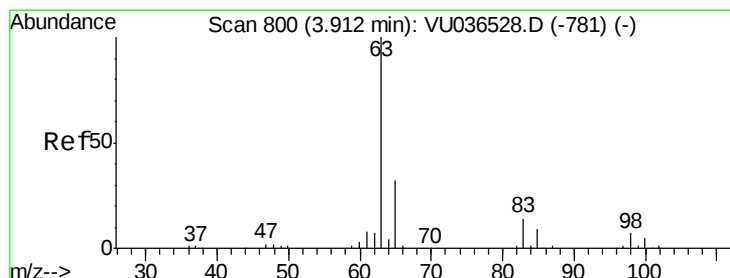
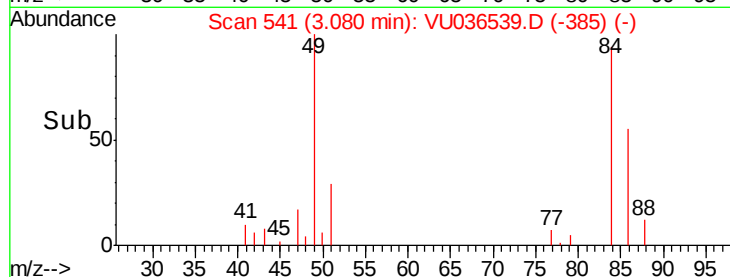
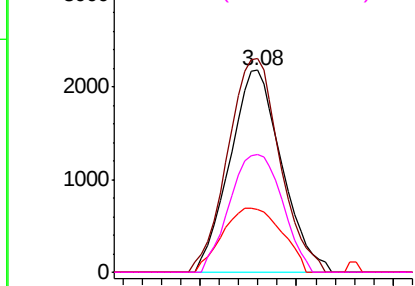
#15
Methylene Chloride
Concen: 0.314 ug/l
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU036539.D
Acq: 23 Jan 2020 14:34

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	84	Resp:	4065
Ion	Ratio	Lower	Upper
84	100		
49	105.9	89.7	134.5
51	31.1	0.0	71.6
86	58.5	51.4	77.2

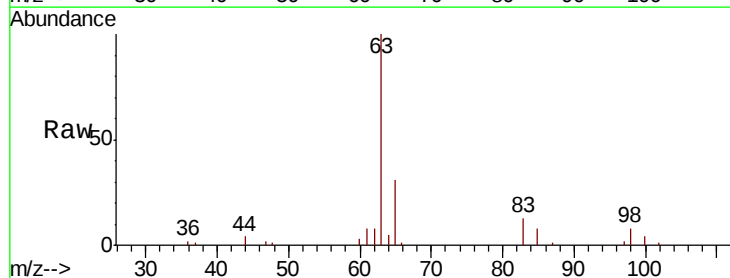


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 49.00 (48.70 to 49.70): VU0
Ion 51.00 (50.70 to 51.70): VU0
Ion 86.00 (85.70 to 86.70): VU0

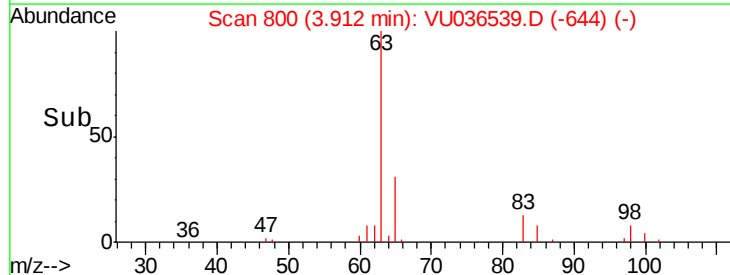
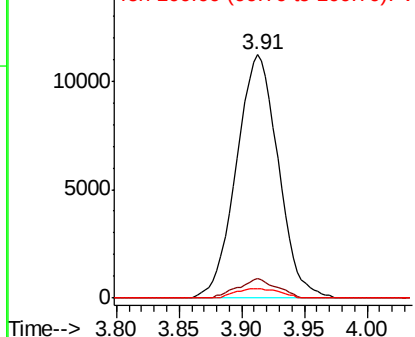


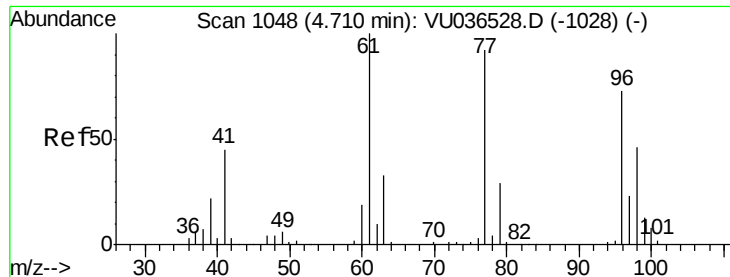
#17
1,1-Dichloroethane
Concen: 1.472 ug/l
RT: 3.91 min Scan# 800
Delta R.T. 0.00 min
Lab File: VU036539.D
Acq: 23 Jan 2020 14:34

Tgt Ion:	63	Resp:	26031
Ion	Ratio	Lower	Upper
63	100		
98	7.9	3.5	10.5
100	4.0	2.4	7.1



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

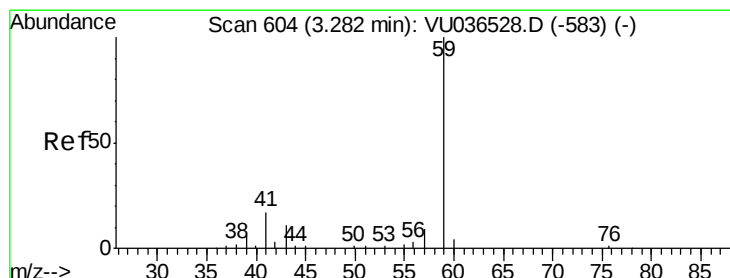
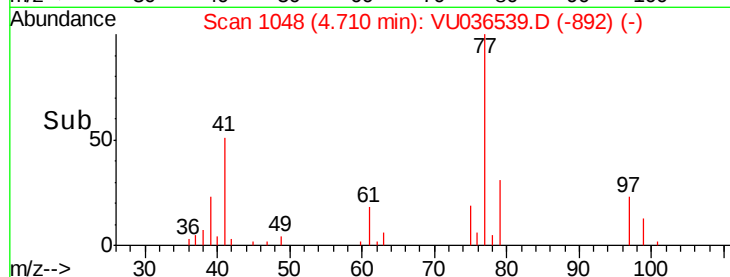
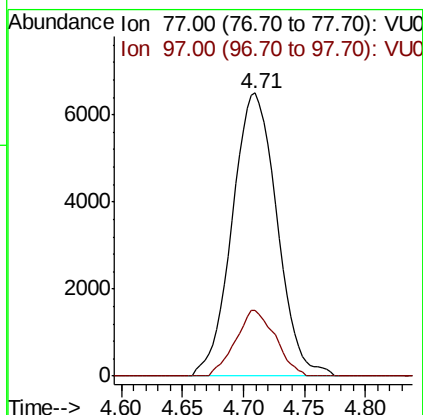
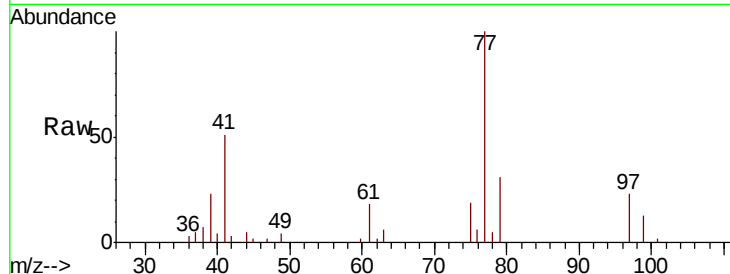




#21
 2,2-Dichloropropane
 Concen: 1.096 ug/l
 RT: 4.71 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: VU036539.D
 Acq: 23 Jan 2020 14:34

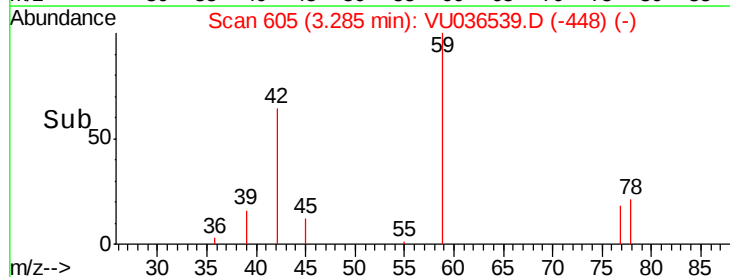
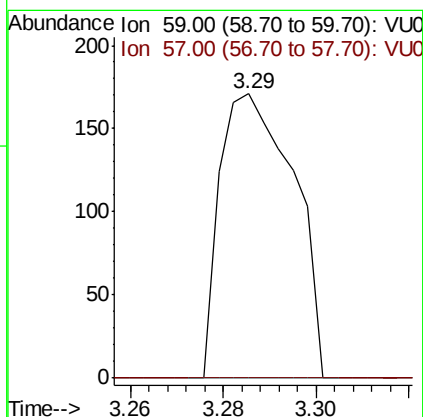
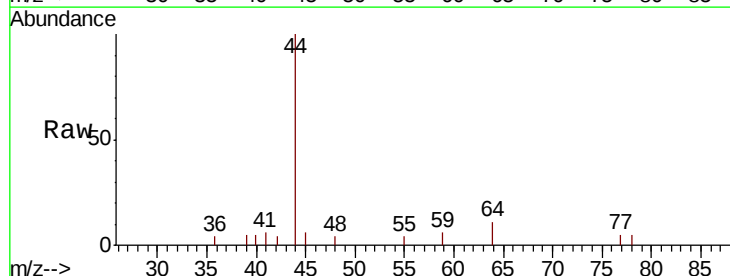
Instrument :
 MSVOA_U
 ClientSampled :

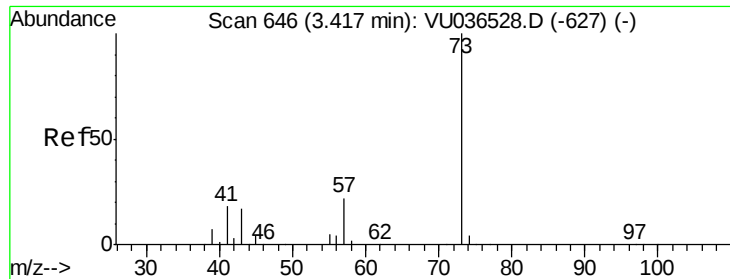
Tot Ion: 77 Resp: 16541
 Ion Ratio Lower Upper
 77 100
 97 20.7 19.0 28.4



#24
 tert-Butyl Alcohol
 Concen: 0.278 ug/l
 RT: 3.29 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VU036539.D
 Acq: 23 Jan 2020 14:34

Tgt Ion: 59 Resp: 189
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#



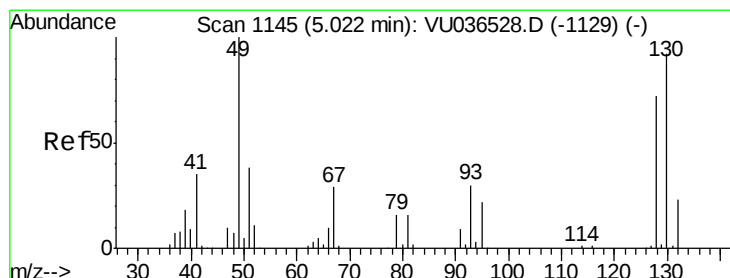
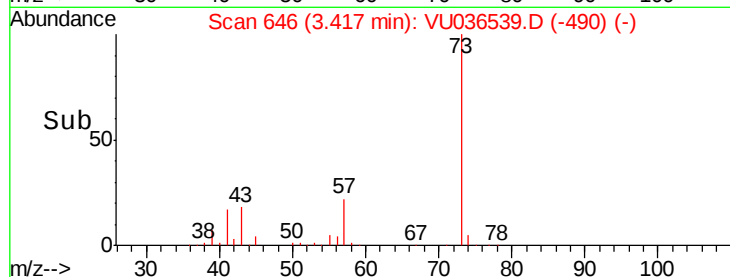
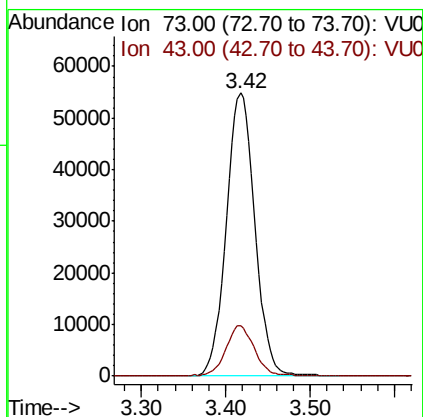
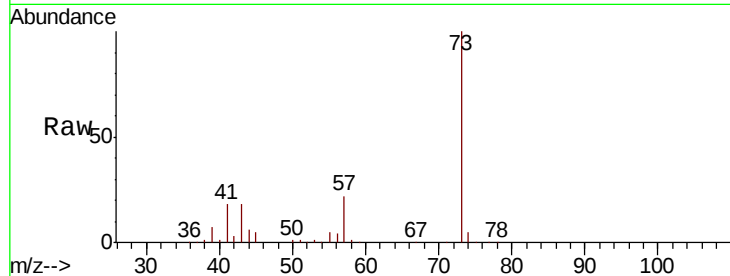


#25

Methyl tert-Butyl Ether
 Concen: 5.012 ug/l
 RT: 3.42 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: VU036539.D
 Acq: 23 Jan 2020 14:34

Instrument :
 MSVOA_U
 ClientSampled :

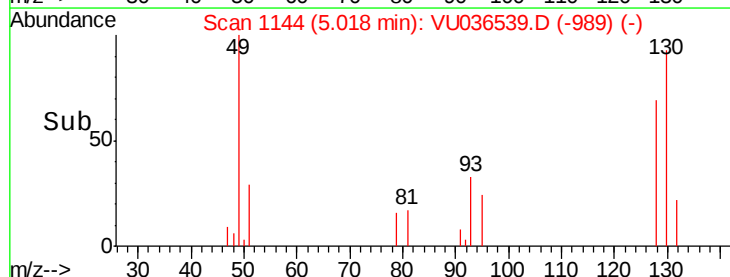
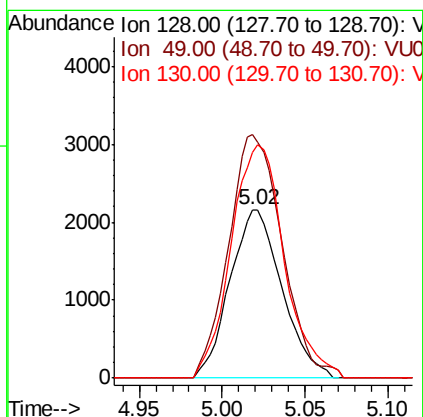
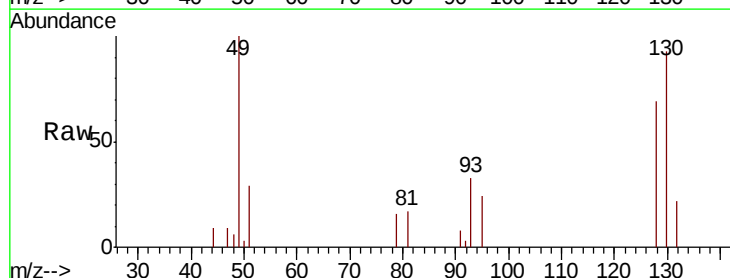
Tot Ion: 73 Resp: 129216
 Ion Ratio Lower Upper
 73 100
 43 16.7 14.5 21.7

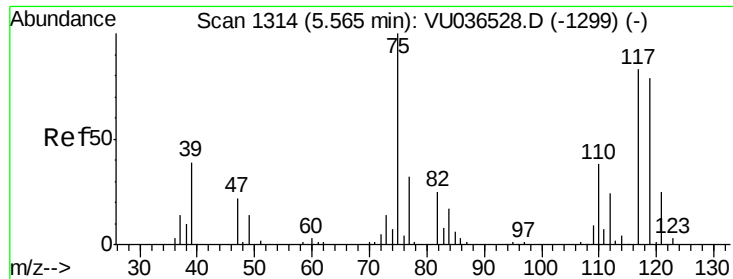


#26

Bromochloromethane
 Concen: 0.964 ug/l
 RT: 5.02 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: VU036539.D
 Acq: 23 Jan 2020 14:34

Tgt Ion: 128 Resp: 4700
 Ion Ratio Lower Upper
 128 100
 49 149.1 0.0 286.2
 130 142.4 104.3 156.5

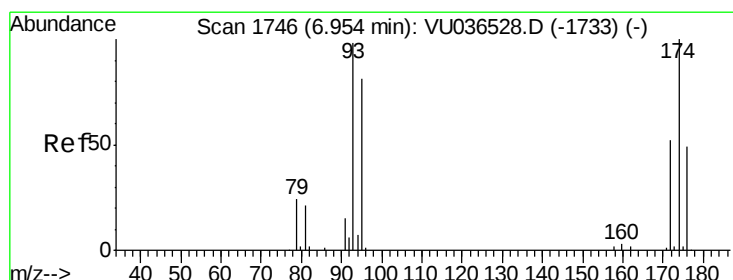
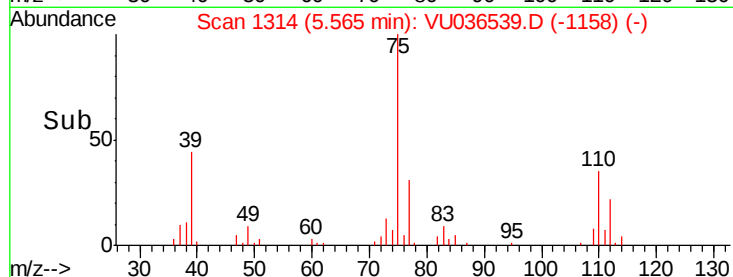
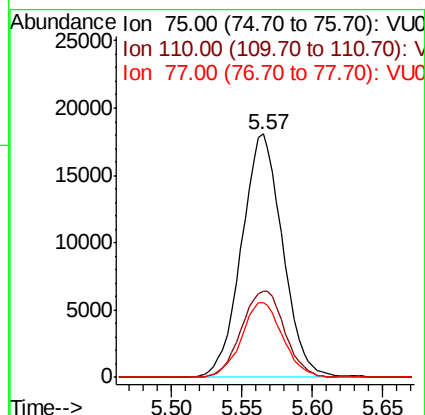
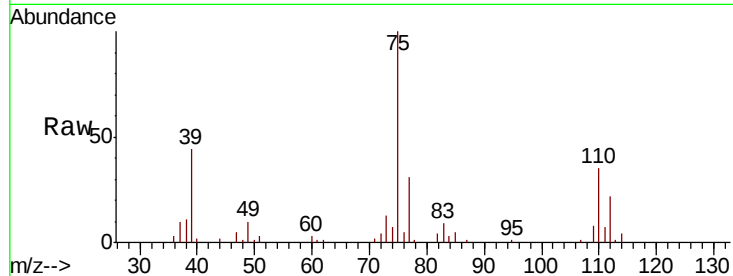




#29
 1,1-Dichloropropene
 Concen: 2.567 ug/l
 RT: 5.57 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: VU036539.D
 Acq: 23 Jan 2020 14:34

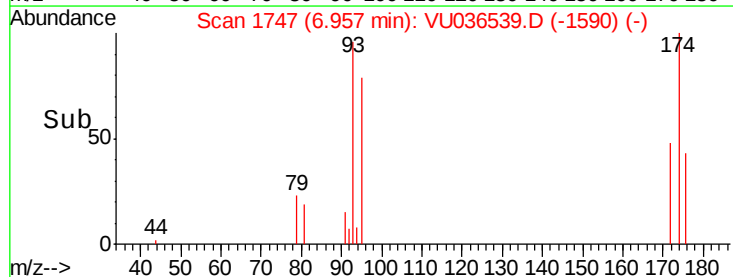
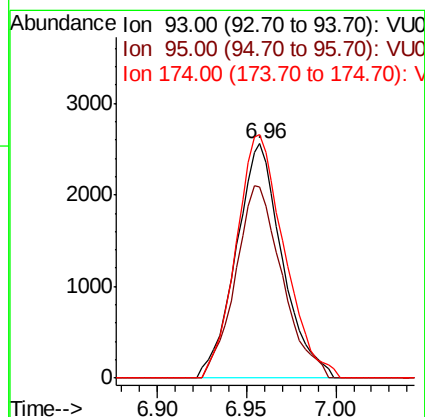
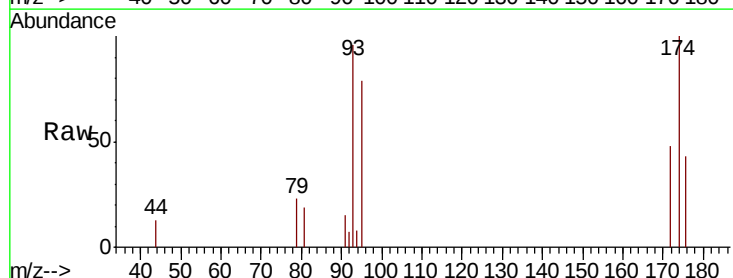
Instrument :
 MSVOA_U
 ClientSampled :

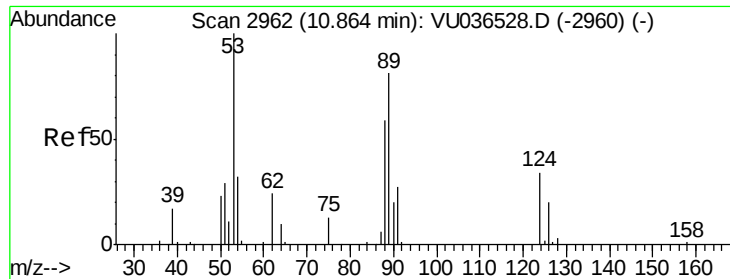
Tot Ion	75	Resp	36744
Ion Ratio	Lower	Upper	
75	100		
110	37.2	18.6	55.8
77	30.9	25.0	37.4



#43
 Dibromomethane
 Concen: 0.850 ug/l
 RT: 6.96 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VU036539.D
 Acq: 23 Jan 2020 14:34

Tgt Ion	93	Resp	4625
Ion Ratio	Lower	Upper	
93	100		
95	82.8	67.9	101.9
174	108.2	83.4	125.0





#46

t-1,4-Dichloro-2-butene

Concen: 3.372 ug/l

RT: 10.85 min Scan# 2957

Delta R.T. -0.02 min

Lab File: VU036539.D

Acq: 23 Jan 2020 14:34

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 9103

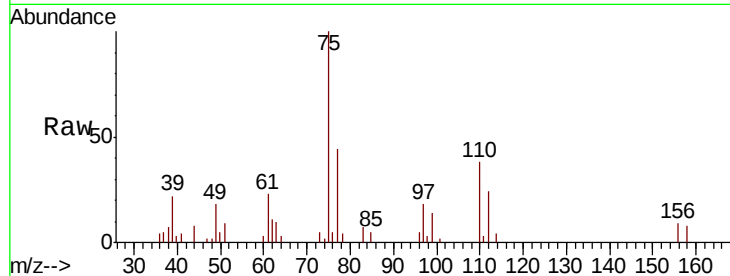
Ion Ratio Lower Upper

75 100

53 0.0 52.2 78.2#

89 0.0 39.8 59.6#

88 0.0 27.4 41.2#

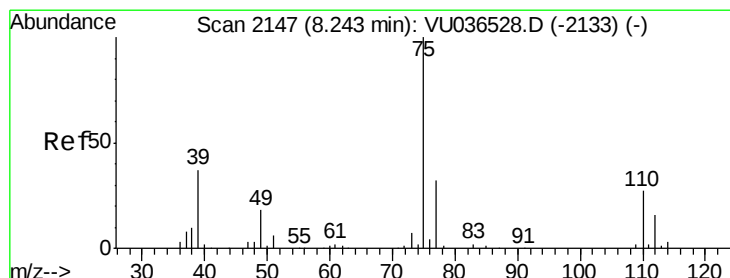
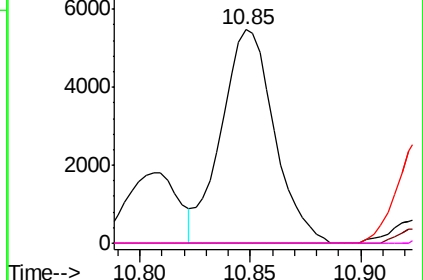
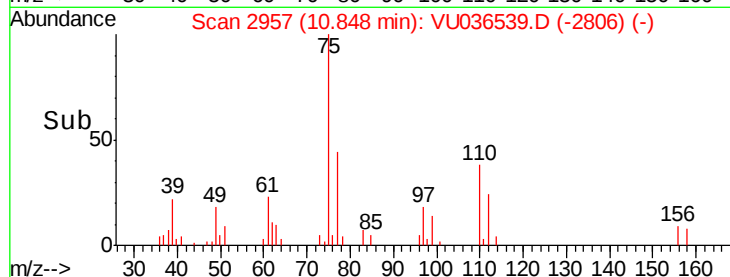


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.80 (88.50 to 89.50): VU0

Ion 87.80 (87.50 to 88.50): VU0



#50

t-1,3-Dichloropropene

Concen: 3.124 ug/l

RT: 8.24 min Scan# 2147

Delta R.T. 0.00 min

Lab File: VU036539.D

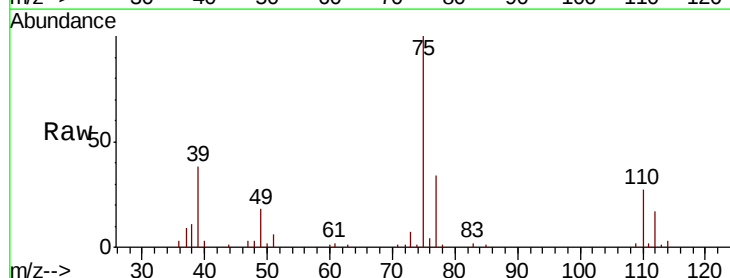
Acq: 23 Jan 2020 14:34

Tgt Ion: 75 Resp: 40063

Ion Ratio Lower Upper

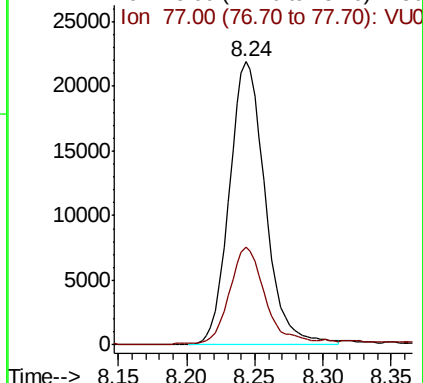
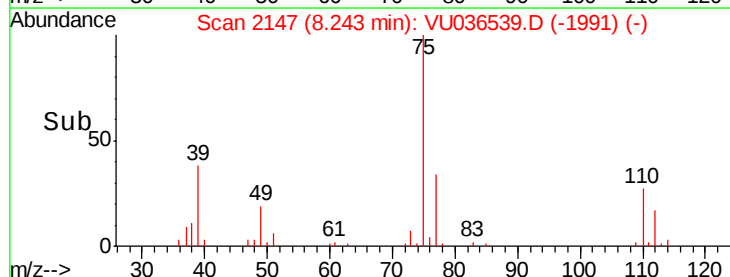
75 100

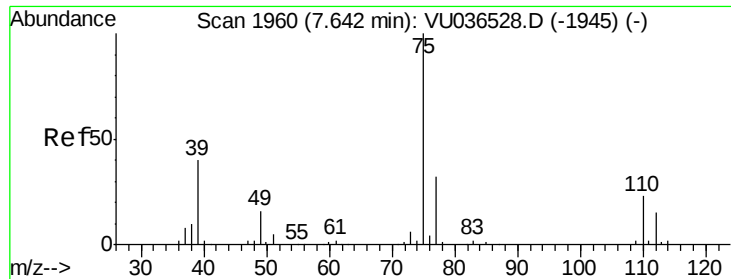
77 34.0 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

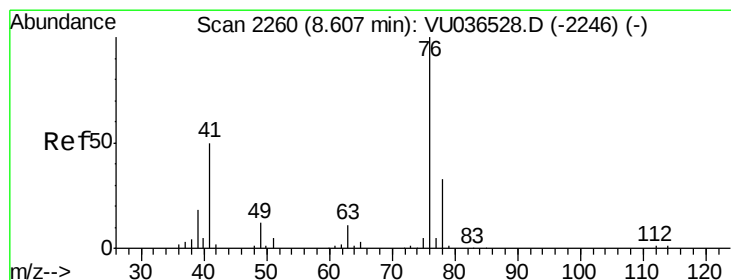
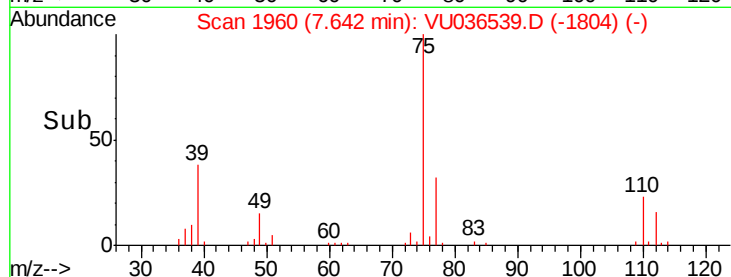
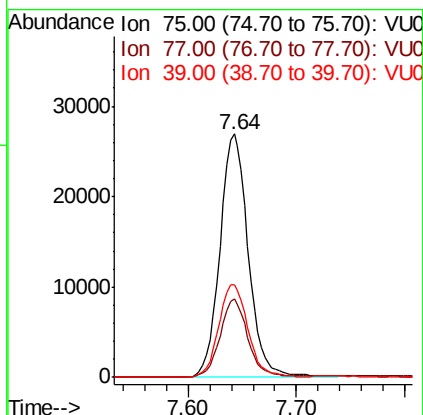
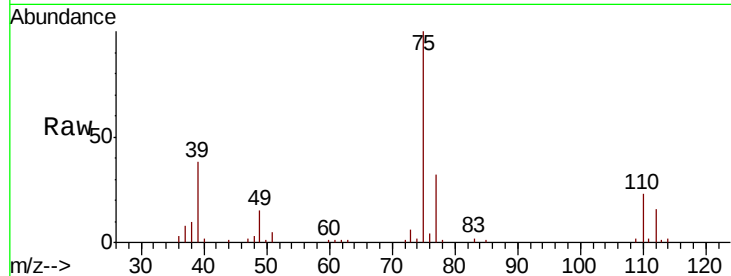




#51
 cis-1,3-Dichloropropene
 Concen: 3.178 ug/l
 RT: 7.64 min Scan# 1960
 Delta R.T. 0.00 min
 Lab File: VU036539.D
 Acq: 23 Jan 2020 14:34

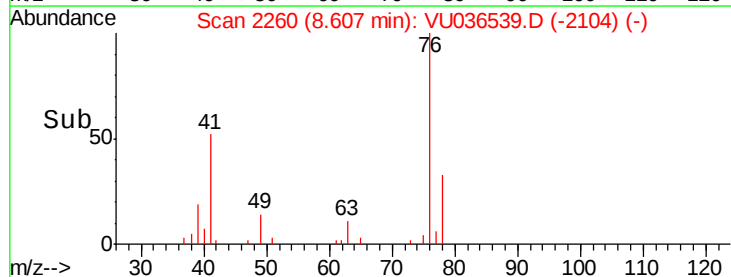
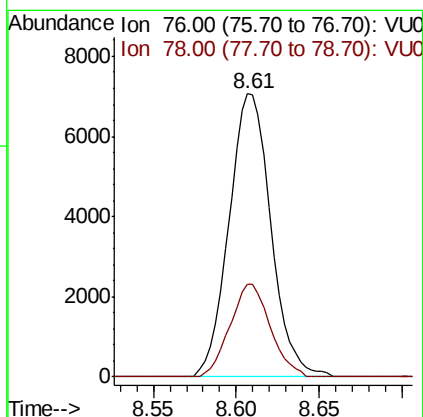
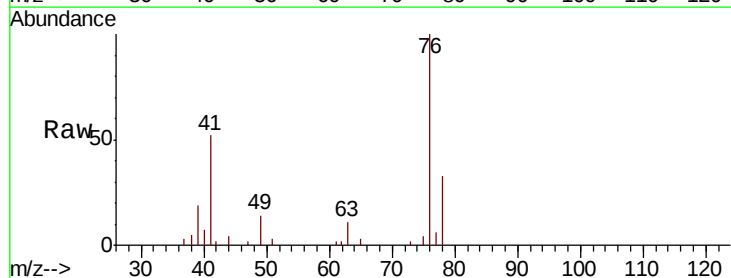
Instrument :
 MSVOA_U
 ClientSampleId :

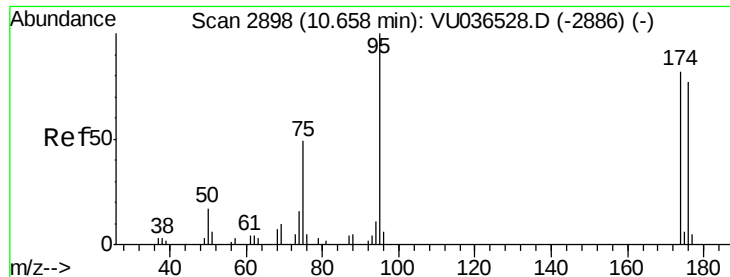
Tot Ion: 75 Resp: 49395
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.3 37.9
 39 38.2 31.8 47.6



#53
 1,3-Dichloropropane
 Concen: 0.938 ug/l
 RT: 8.61 min Scan# 2260
 Delta R.T. 0.00 min
 Lab File: VU036539.D
 Acq: 23 Jan 2020 14:34

Tgt Ion: 76 Resp: 12407
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.4 38.2

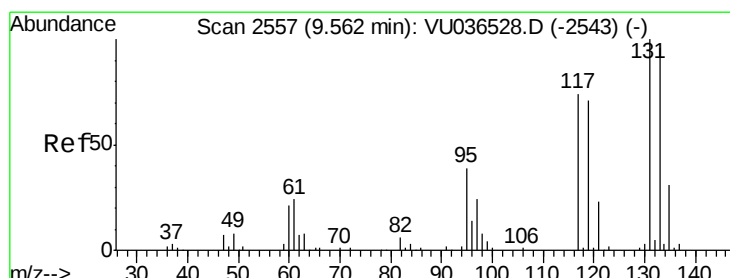
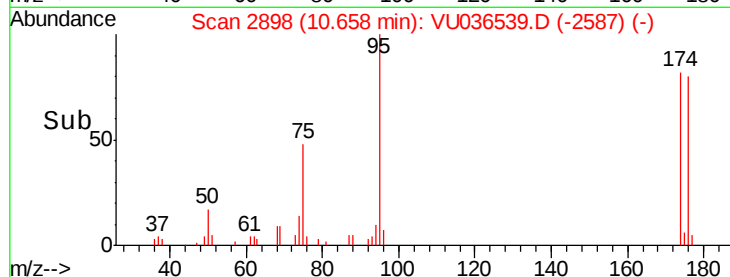
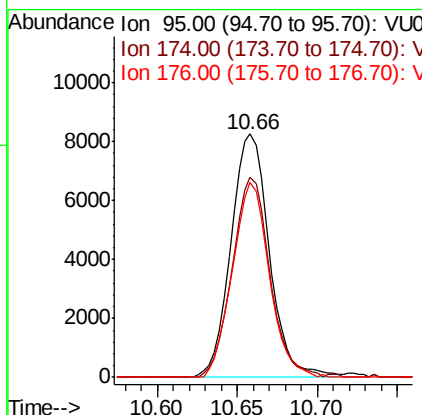
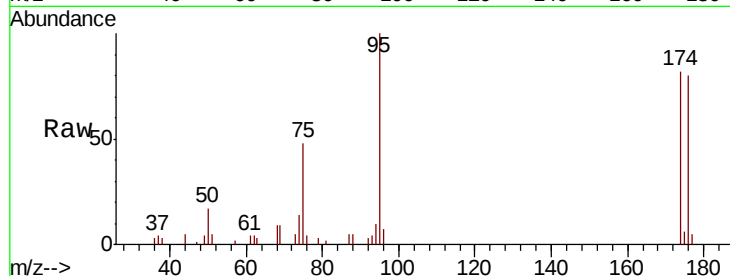




#57
 4-Bromofluorobenzene
 Concen: 0.956 ug/l
 RT: 10.66 min Scan# 2898
 Delta R.T. 0.00 min
 Lab File: VU036539.D
 Acq: 23 Jan 2020 14:34

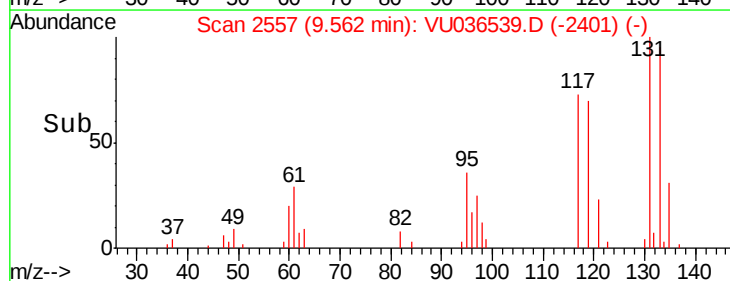
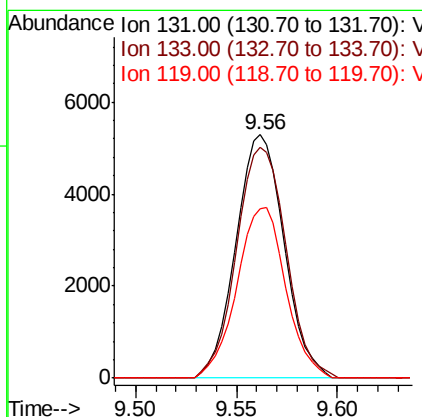
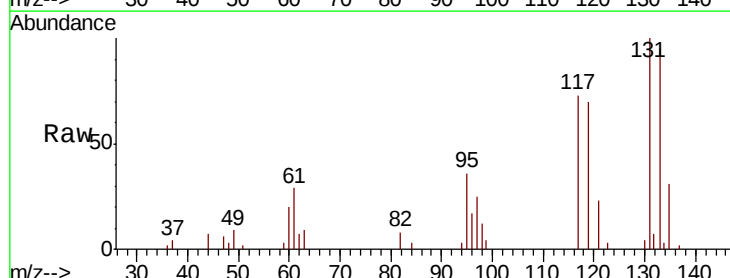
Instrument :
 MSVOA_U
 ClientSampled :

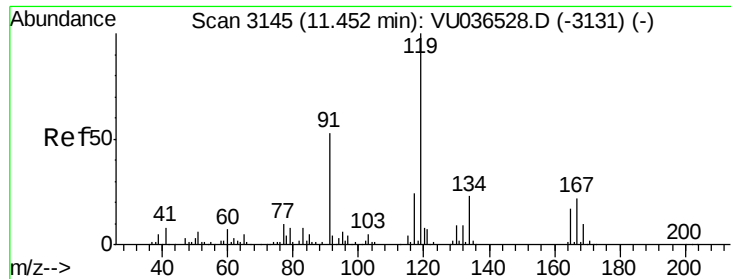
Tot Ion: 95 Resp: 13499
 Ion Ratio Lower Upper
 95 100
 174 80.6 64.7 97.1
 176 77.0 60.6 91.0



#60
 1,1,1,2-Tetrachloroethane
 Concen: 0.941 ug/l
 RT: 9.56 min Scan# 2557
 Delta R.T. 0.00 min
 Lab File: VU036539.D
 Acq: 23 Jan 2020 14:34

Tgt Ion: 131 Resp: 8858
 Ion Ratio Lower Upper
 131 100
 133 97.7 76.4 114.6
 119 70.8 56.6 85.0

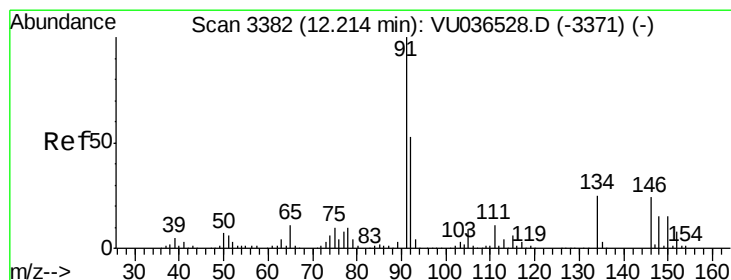
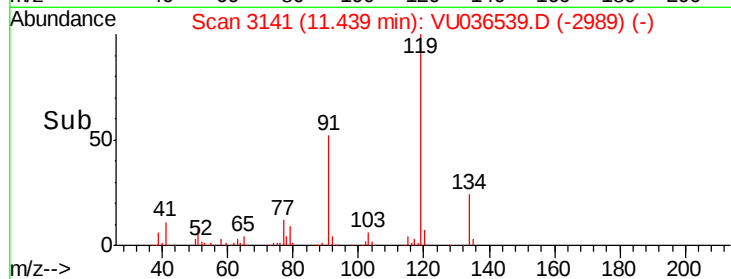
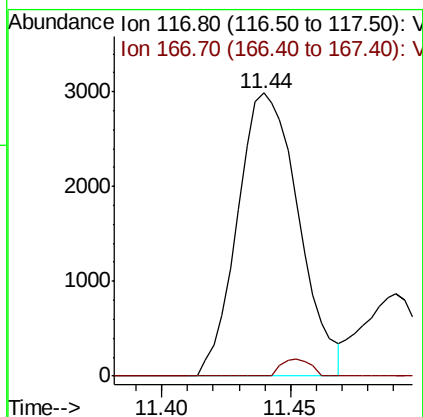
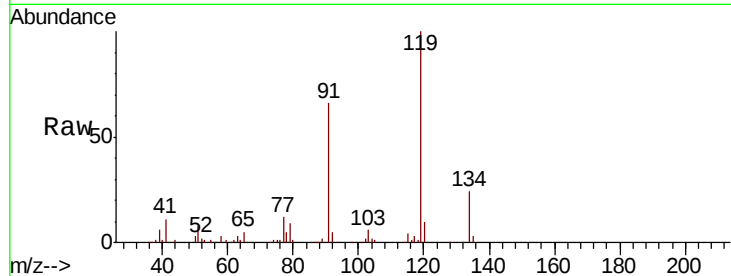




#61
 Pentachloroethane
 Concen: 0.814 ug/l
 RT: 11.44 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: VU036539.D
 Acq: 23 Jan 2020 14:34

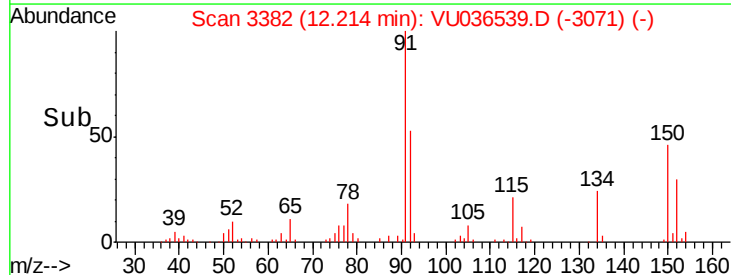
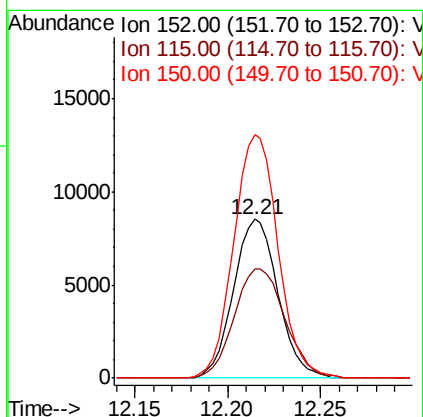
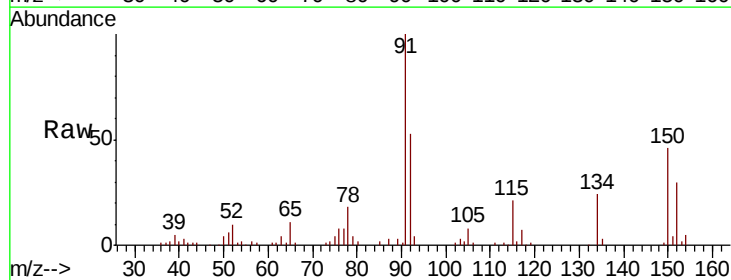
Instrument :
 MSVOA_U
 ClientSampleId :

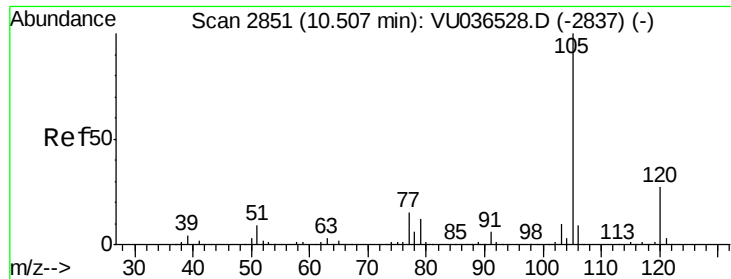
Tot Ion:117 Resp: 4943
 Ion Ratio Lower Upper
 117 100
 167 2.8 66.7 100.1#



#68
 1,2-Dichlorobenzene-d4
 Concen: 0.983 ug/l
 RT: 12.21 min Scan# 3382
 Delta R.T. 0.00 min
 Lab File: VU036539.D
 Acq: 23 Jan 2020 14:34

Tgt Ion:152 Resp: 14210
 Ion Ratio Lower Upper
 152 100
 115 78.6 0.0 241.8
 150 153.0 0.0 652.4





#69

Isopropylbenzene

Concen: 2.836 ug/l

RT: 10.51 min Scan# 2851

Delta R.T. 0.00 min

Lab File: VU036539.D

Acq: 23 Jan 2020 14:34

Instrument :

MSVOA_U

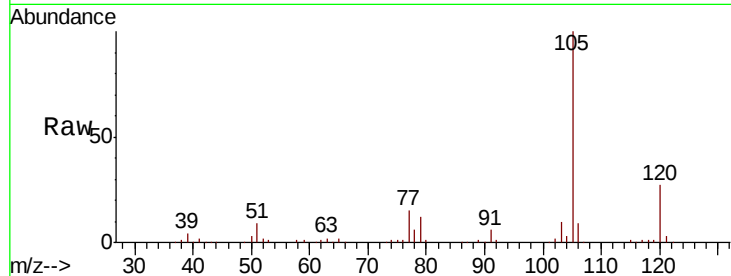
ClientSampleId :

Tot Ion:105 Resp: 141065

Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

100000

80000

60000

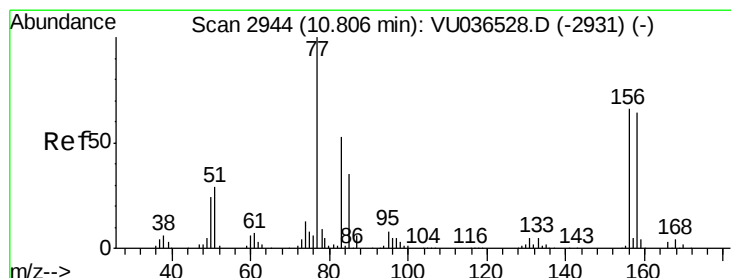
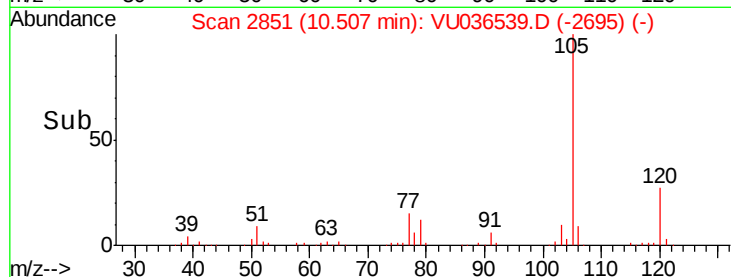
40000

20000

0

10.45 10.50 10.55

Time-->



#70

1,1,2,2-Tetrachloroethane

Concen: 2.432 ug/l

RT: 10.81 min Scan# 2945

Delta R.T. 0.00 min

Lab File: VU036539.D

Acq: 23 Jan 2020 14:34

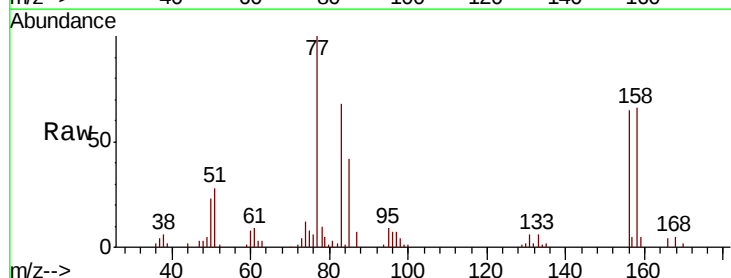
Tgt Ion: 83 Resp: 23689

Ion Ratio Lower Upper

83 100

131 9.8 7.8 11.8

85 63.9 53.2 79.8



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

20000

15000

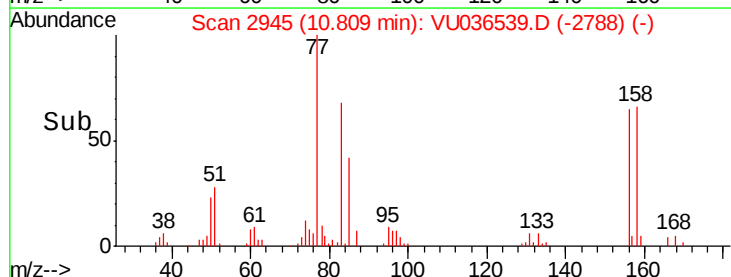
10000

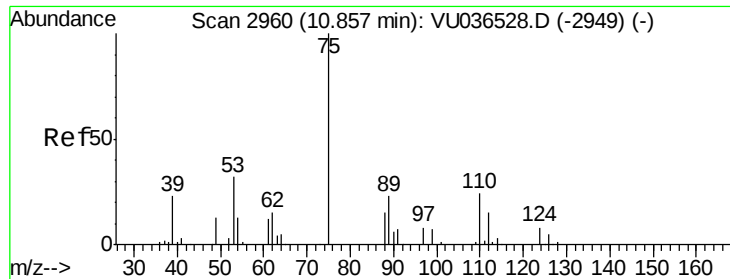
5000

0

10.75 10.80 10.85 10.90

Time-->

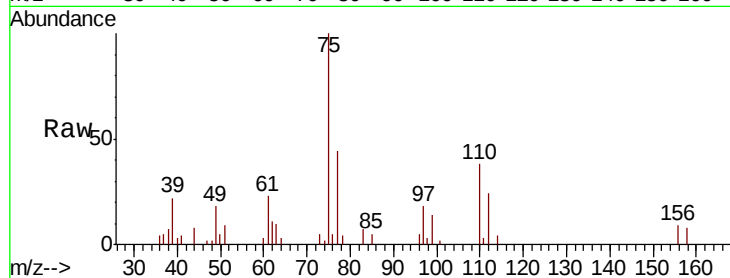




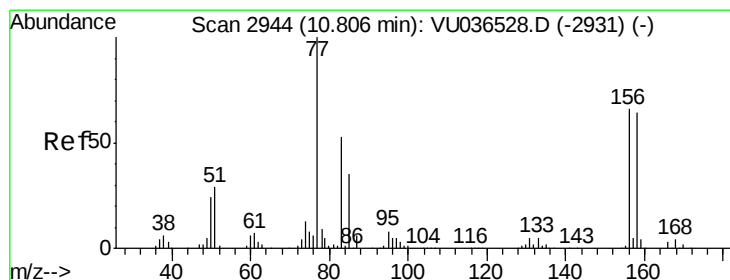
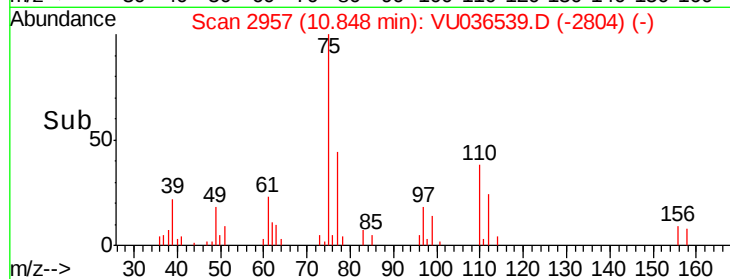
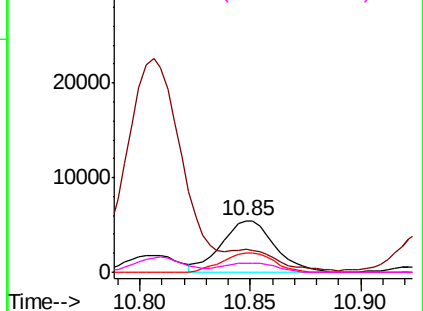
#71
1,2,3-Trichloropropane
Concen: 1.310 ug/l
RT: 10.85 min Scan# 2957
Delta R.T. -0.01 min
Lab File: VU036539.D
Acq: 23 Jan 2020 14:34

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	75	Resp:	9103
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	129.6
110	36.4	0.0	77.4
97	18.2	0.0	42.0

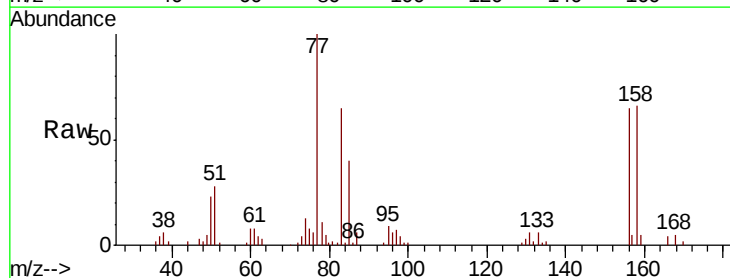


Abundance Ion 75.00 (74.70 to 75.70): VU036528.D (-2949) (-)
Ion 77.00 (76.70 to 77.70): VU036528.D (-2949) (-)
Ion 110.00 (109.70 to 110.70): VU036528.D (-2949) (-)
Ion 97.00 (96.70 to 97.70): VU036528.D (-2949) (-)

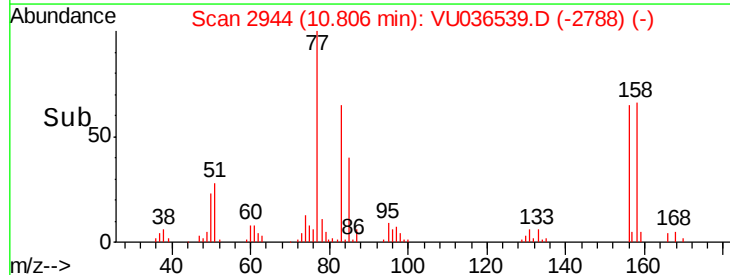
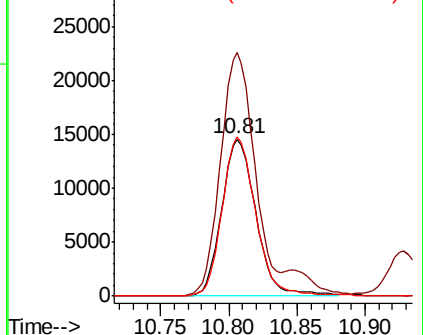


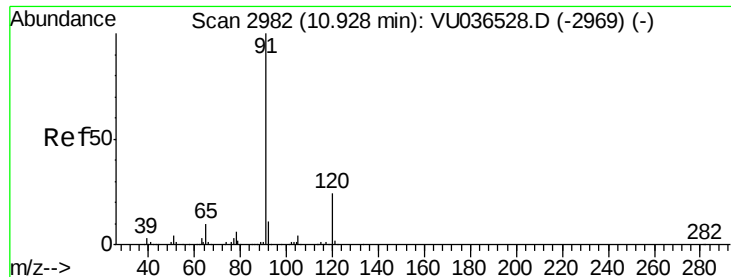
#72
Bromobenzene
Concen: 2.125 ug/l
RT: 10.81 min Scan# 2944
Delta R.T. 0.00 min
Lab File: VU036539.D
Acq: 23 Jan 2020 14:34

Tgt Ion:	156	Resp:	25469
Ion	Ratio	Lower	Upper
156	100		
77	153.9	0.0	306.6
158	98.5	0.0	192.0



Abundance Ion 156.00 (155.70 to 156.70): VU036528.D (-2931) (-)
Ion 77.00 (76.70 to 77.70): VU036528.D (-2931) (-)
Ion 158.00 (157.70 to 158.70): VU036528.D (-2931) (-)





#73

n-propylbenzene

Concen: 2.834 ug/l

RT: 10.93 min Scan# 2982

Delta R.T. 0.00 min

Lab File: VU036539.D

Acq: 23 Jan 2020 14:34

Instrument :

MSVOA_U

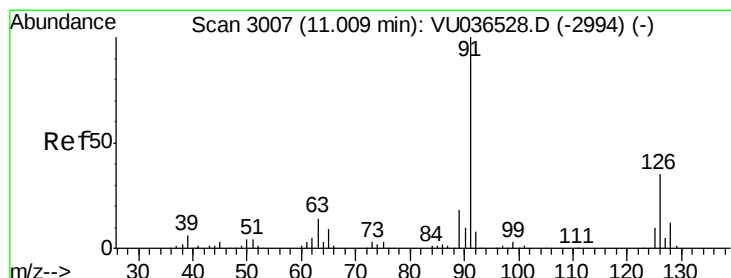
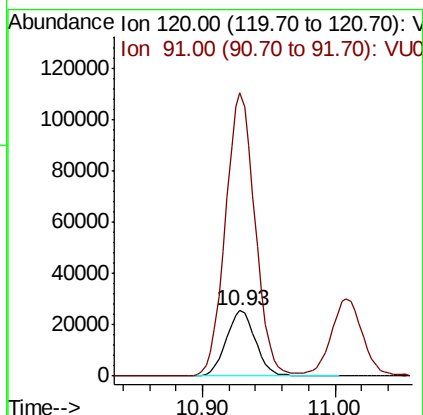
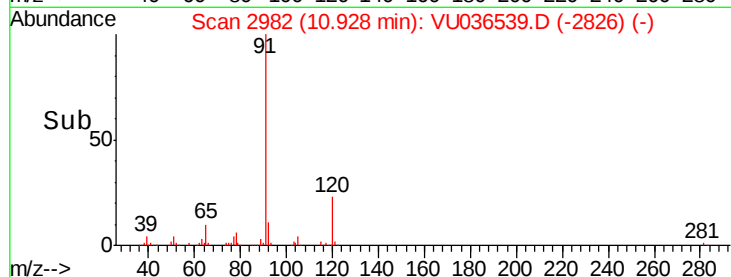
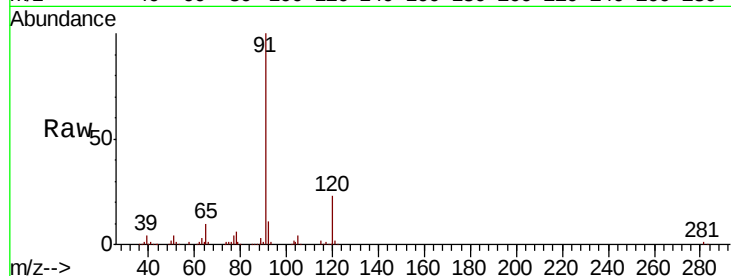
ClientSampled :

Tot Ion:120 Resp: 39556

Ion Ratio Lower Upper

120 100

91 432.6 329.5 494.3



#74

2-Chlorotoluene

Concen: 1.410 ug/l

RT: 11.01 min Scan# 3007

Delta R.T. 0.00 min

Lab File: VU036539.D

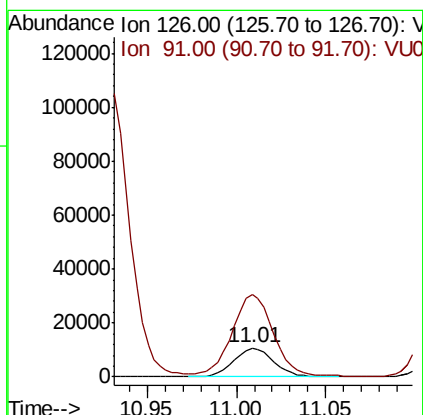
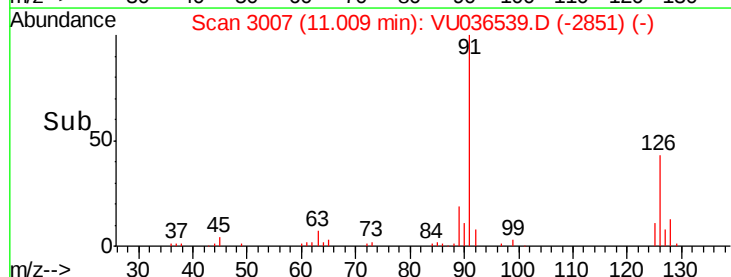
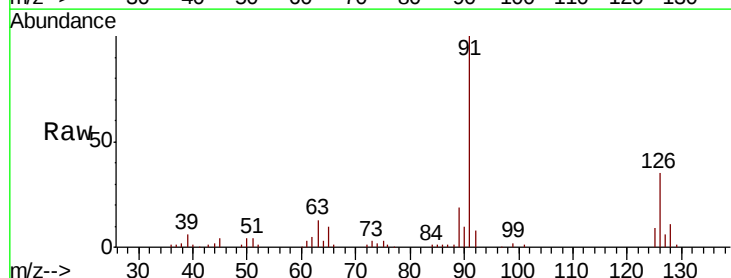
Acq: 23 Jan 2020 14:34

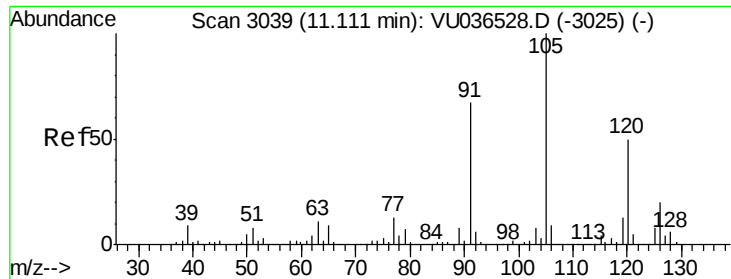
Tgt Ion:126 Resp: 16902

Ion Ratio Lower Upper

126 100

91 298.1 0.0 567.4





#75

1,3,5-Trimethylbenzene

Concen: 1.373 ug/l

RT: 11.11 min Scan# 3039

Delta R.T. 0.00 min

Lab File: VU036539.D

Acq: 23 Jan 2020 14:34

Instrument :

MSVOA_U

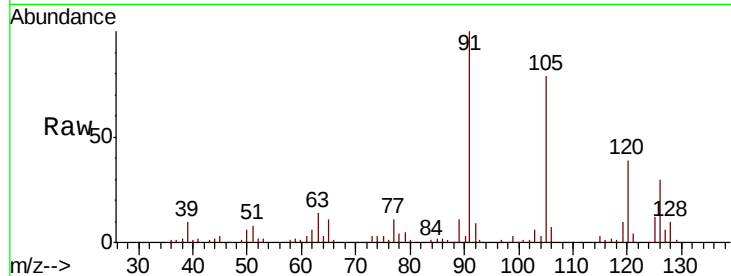
ClientSampleId :

Tot Ion:105 Resp: 58589

Ion Ratio Lower Upper

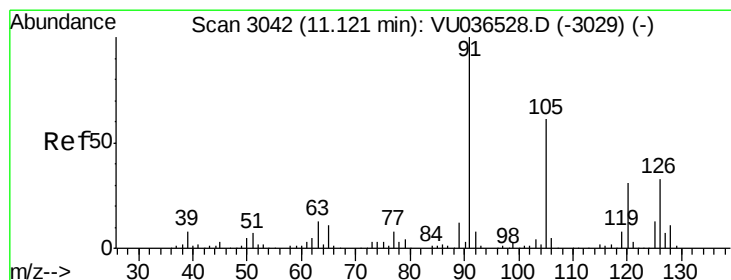
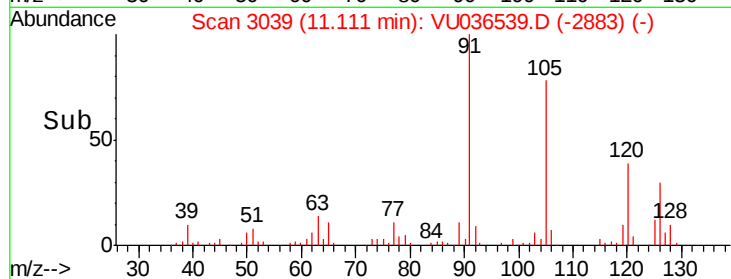
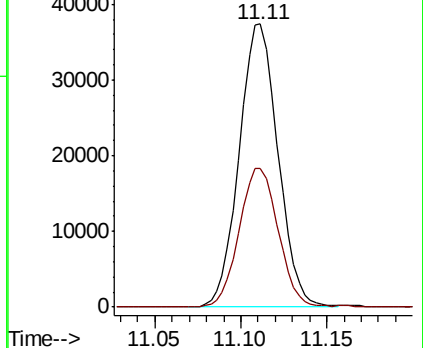
105 100

120 49.2 39.8 59.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 2.914 ug/l

RT: 11.12 min Scan# 3042

Delta R.T. 0.00 min

Lab File: VU036539.D

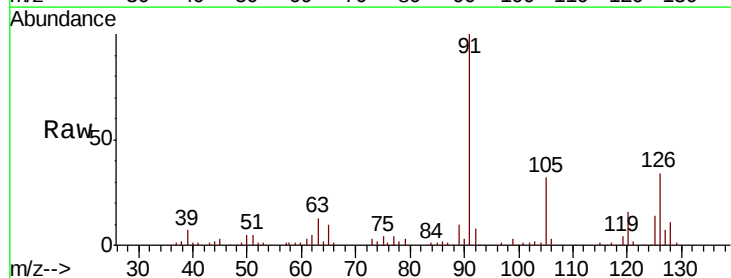
Acq: 23 Jan 2020 14:34

Tgt Ion:126 Resp: 36093

Ion Ratio Lower Upper

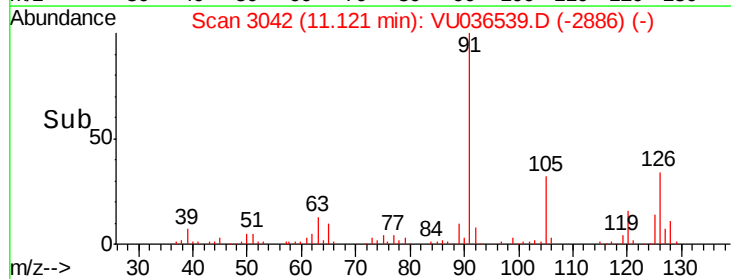
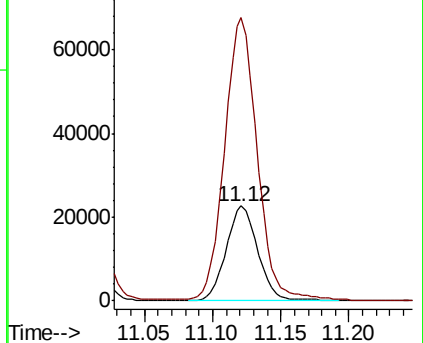
126 100

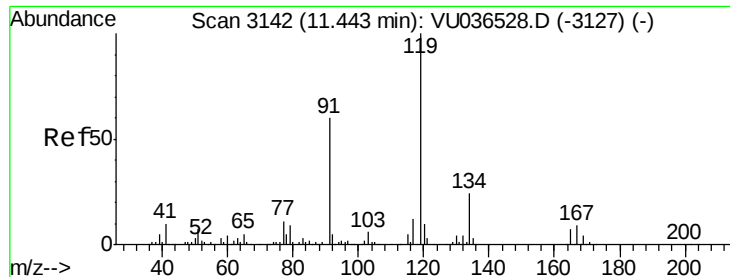
91 313.5 0.0 633.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

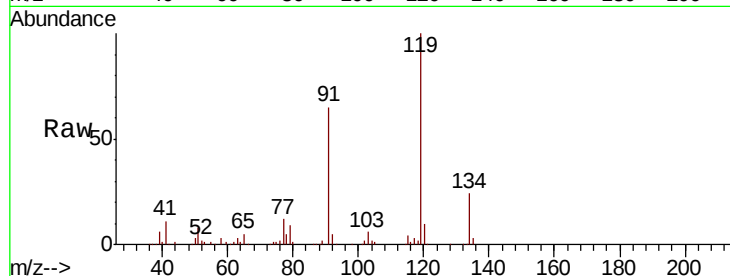




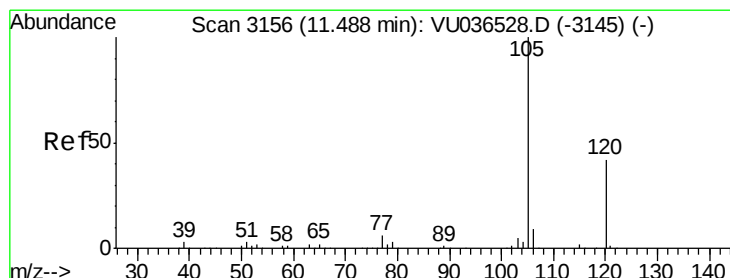
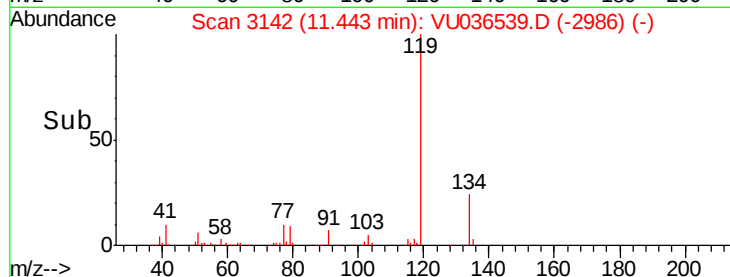
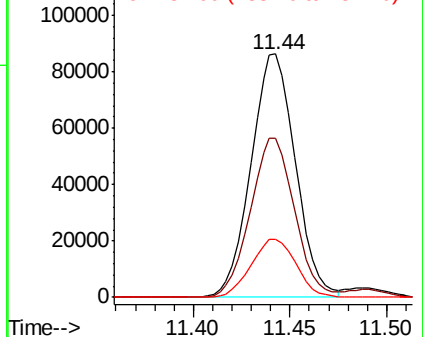
#77
tert-Butylbenzene
Concen: 3.423 ug/l
RT: 11.44 min Scan# 3142
Delta R.T. 0.00 min
Lab File: VU036539.D
Acq: 23 Jan 2020 14:34

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:119 Resp: 138370
Ion Ratio Lower Upper
119 100
91 65.0 29.3 87.8
134 24.2 19.0 28.4

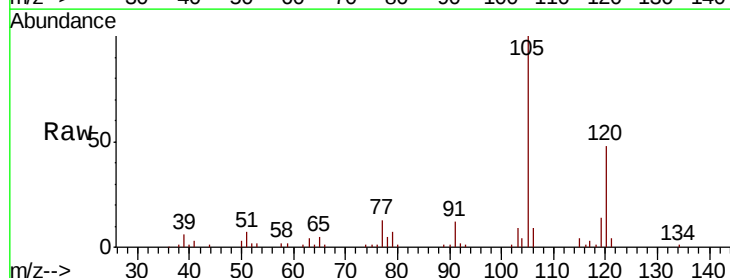


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

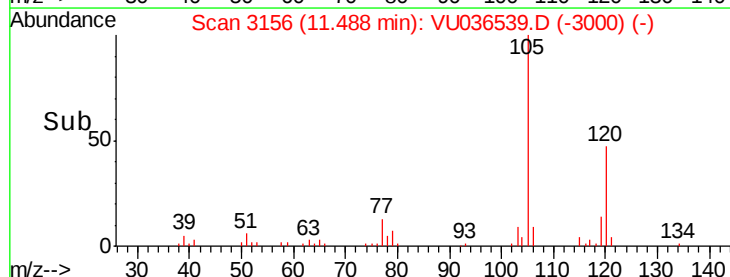
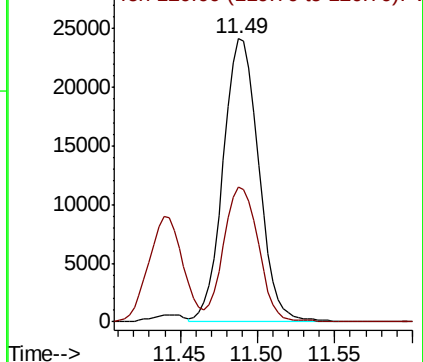


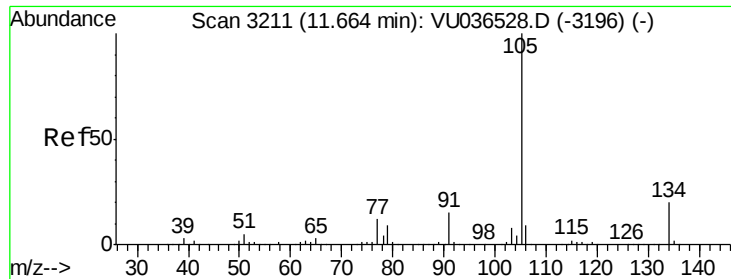
#78
1,2,4-Trimethylbenzene
Concen: 0.877 ug/l
RT: 11.49 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VU036539.D
Acq: 23 Jan 2020 14:34

Tgt Ion:105 Resp: 38586
Ion Ratio Lower Upper
105 100
120 46.7 23.3 69.8



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





#79

sec-Butylbenzene

Concen: 3.034 ug/l

RT: 11.66 min Scan# 3211

Delta R.T. 0.00 min

Lab File: VU036539.D

Acq: 23 Jan 2020 14:34

Instrument :

MSVOA_U

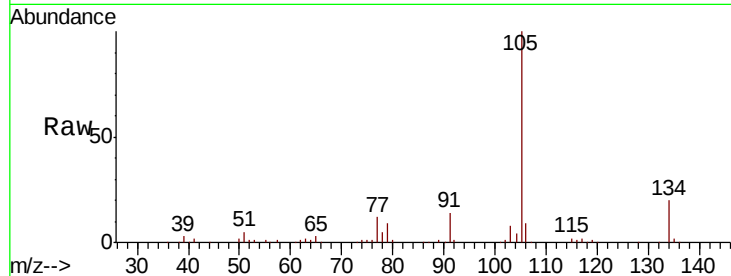
ClientSampleId :

Tot Ion:105 Resp: 170189

Ion Ratio Lower Upper

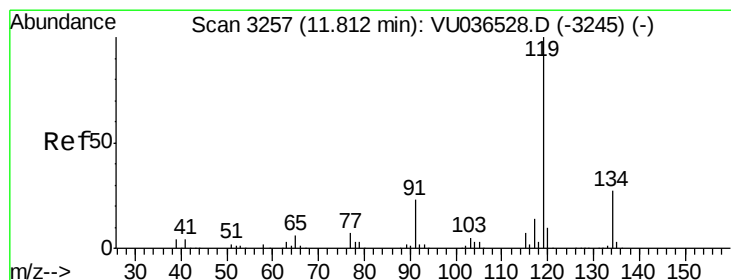
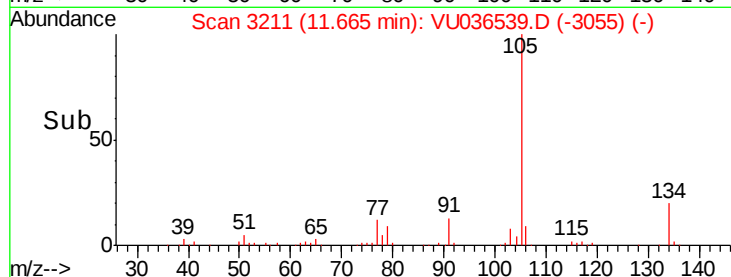
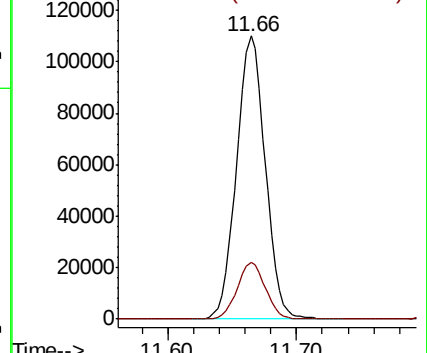
105 100

134 19.8 16.0 24.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#81

p-Isopropyltoluene

Concen: 0.836 ug/l

RT: 11.81 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VU036539.D

Acq: 23 Jan 2020 14:34

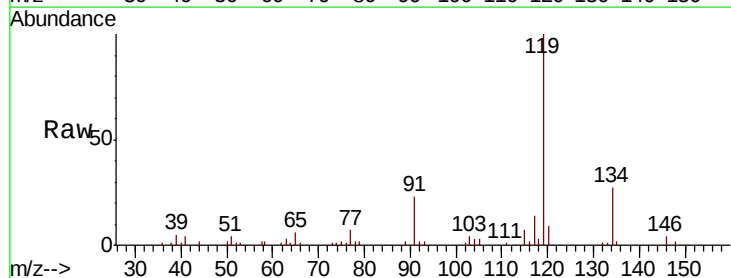
Tgt Ion:119 Resp: 39205

Ion Ratio Lower Upper

119 100

134 26.6 21.4 32.0

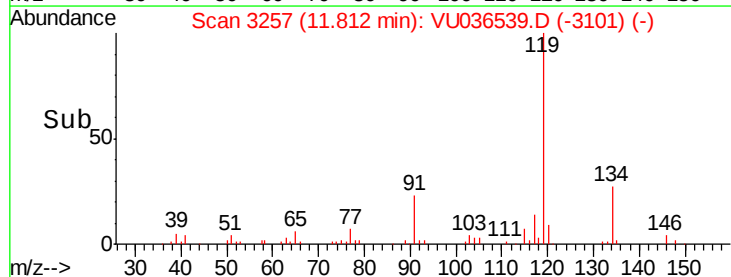
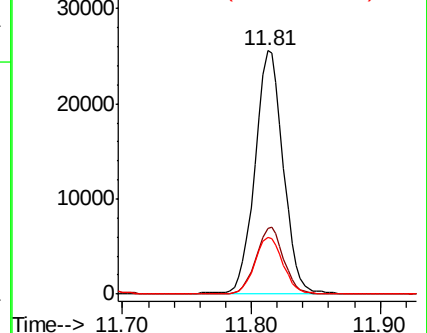
91 23.2 18.3 27.5

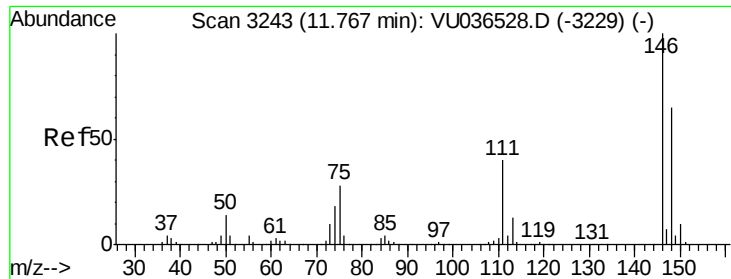


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0





#82

1,3-Dichlorobenzene

Concen: 2.920 ug/l

RT: 11.77 min Scan# 3243

Delta R.T. 0.00 min

Lab File: VU036539.D

Acq: 23 Jan 2020 14:34

Instrument :

MSVOA_U

ClientSampleId :

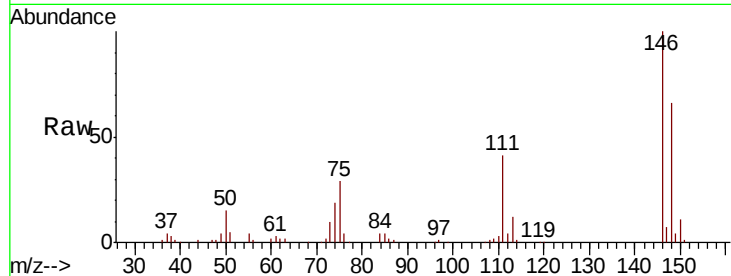
Tot Ion:146 Resp: 70009

Ion Ratio Lower Upper

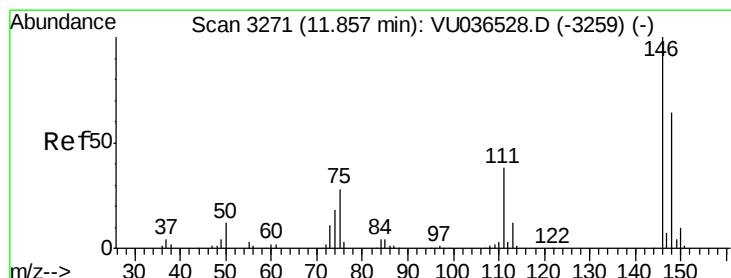
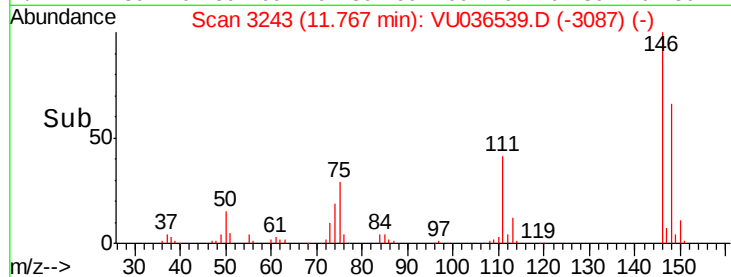
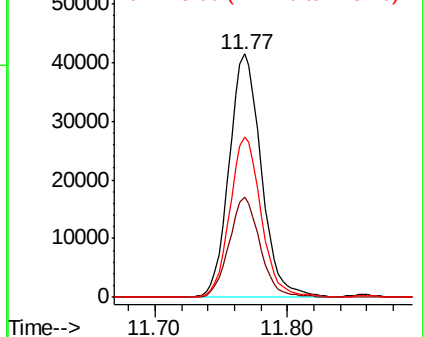
146 100

111 39.7 32.2 48.2

148 64.1 51.4 77.2



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: 2.921 ug/l

RT: 11.77 min Scan# 3243

Delta R.T. -0.09 min

Lab File: VU036539.D

Acq: 23 Jan 2020 14:34

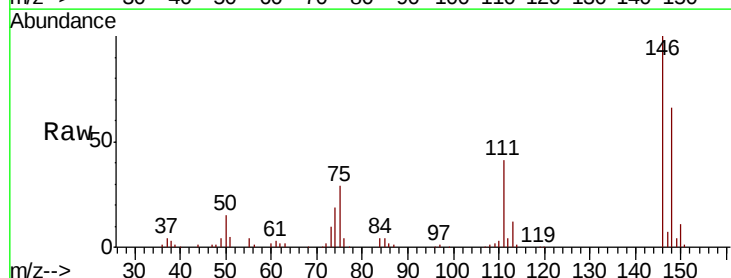
Tgt Ion:146 Resp: 70009

Ion Ratio Lower Upper

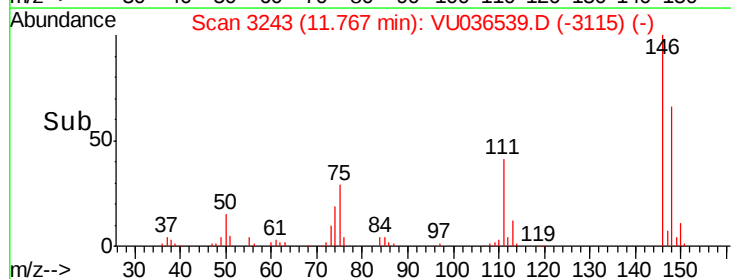
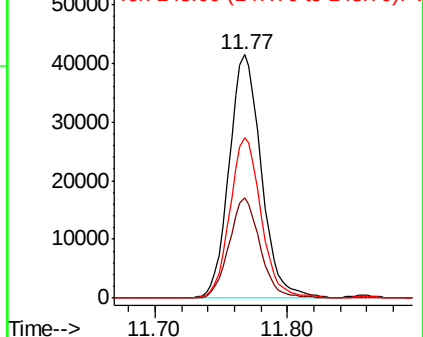
146 100

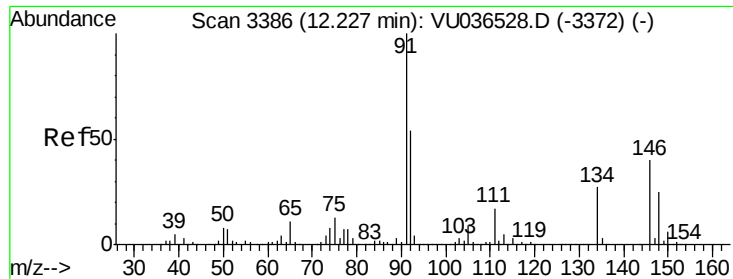
111 39.7 30.5 45.7

148 64.1 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

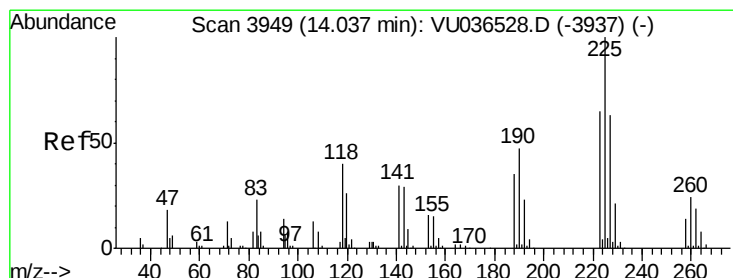
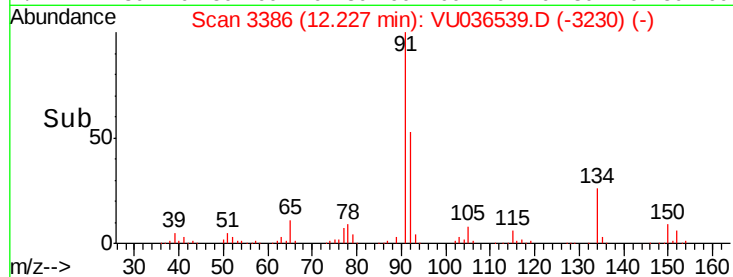
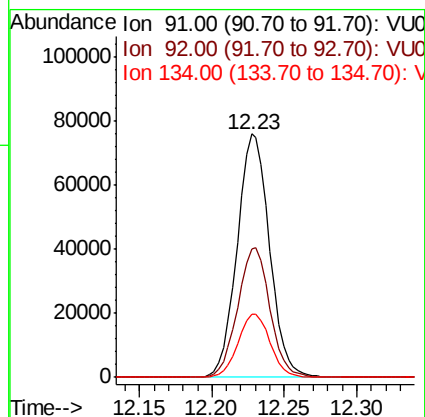
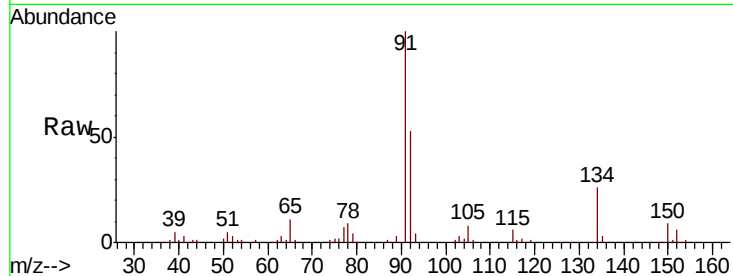




#84
n-Butylbenzene
Concen: 2.710 ug/l
RT: 12.23 min Scan# 3386
Delta R.T. 0.00 min
Lab File: VU036539.D
Acq: 23 Jan 2020 14:34

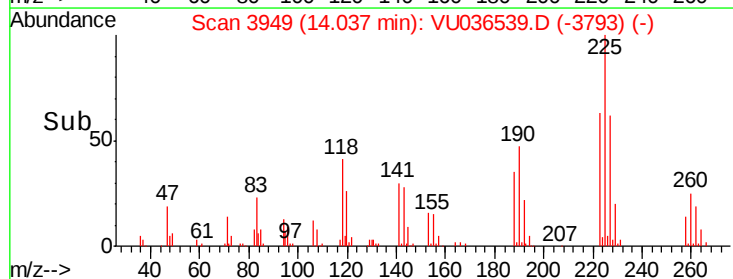
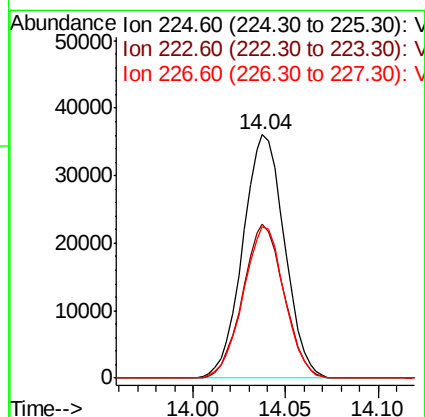
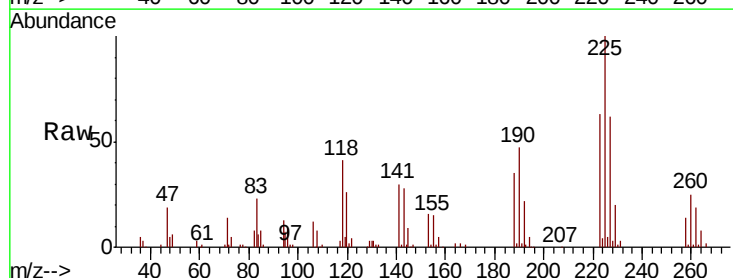
Instrument :
MSVOA_U
ClientSampled :

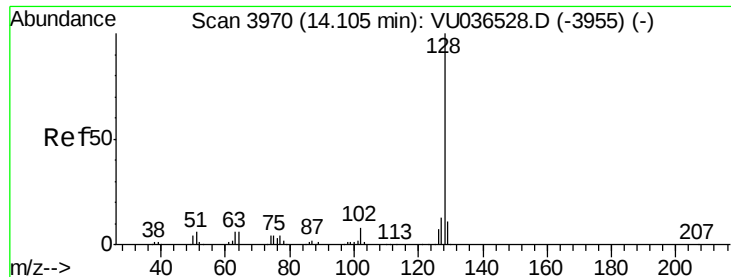
Tot Ion: 91 Resp: 117482
Ion Ratio Lower Upper
91 100
92 53.2 42.9 64.3
134 25.9 21.4 32.0



#88
Hexachlorobutadiene
Concen: 7.002 ug/l
RT: 14.04 min Scan# 3949
Delta R.T. 0.00 min
Lab File: VU036539.D
Acq: 23 Jan 2020 14:34

Tgt Ion: 225 Resp: 56321
Ion Ratio Lower Upper
225 100
223 62.5 51.7 77.5
227 61.4 50.6 75.8





#89

Naphthalene

Concen: 5.391 ug/l

RT: 14.10 min Scan# 3970

Delta R.T. 0.00 min

Lab File: VU036539.D

Acq: 23 Jan 2020 14:34

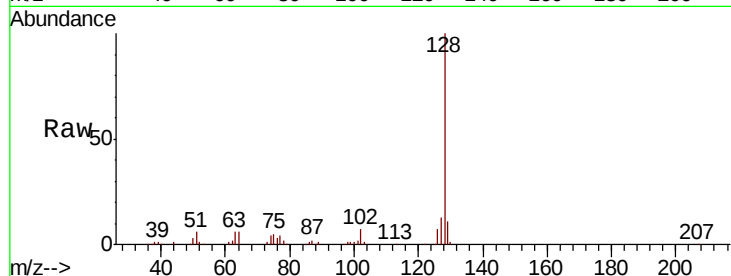
Instrument :

MSVOA_U

ClientSampleId :

Tot Ion:128 Resp: 136320

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	10.9	8.7	13.1

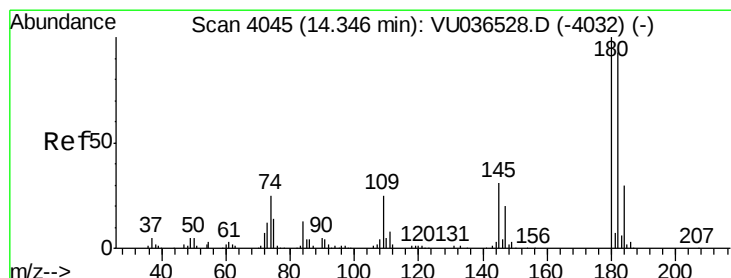
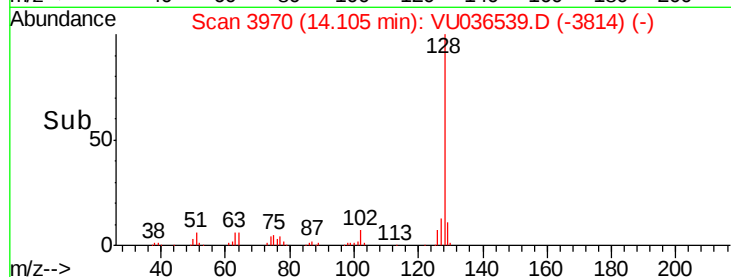
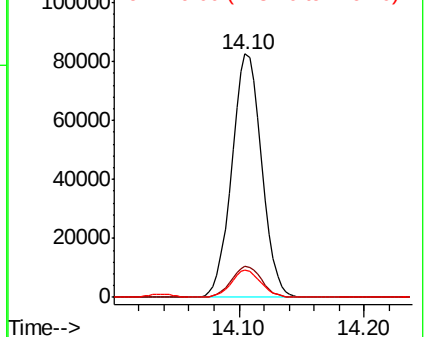


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#90

1,2,3-Trichlorobenzene

Concen: 4.699 ug/l

RT: 14.35 min Scan# 4045

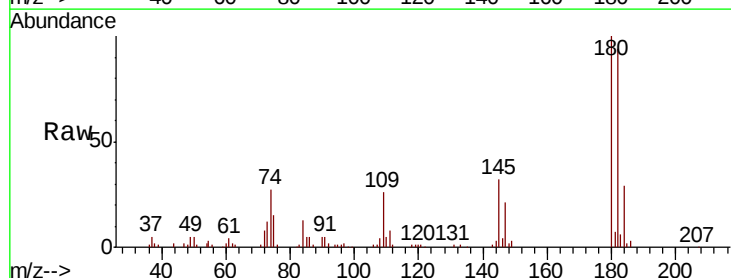
Delta R.T. 0.00 min

Lab File: VU036539.D

Acq: 23 Jan 2020 14:34

Tgt Ion:180 Resp: 64865

Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.2	114.4
145	32.0	25.2	37.8



Abundance

Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

