

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U103019\
 Data File : VU035551.D
 Acq On : 30 Oct 2019 10:33
 Operator : JC/SP
 Sample : K5111-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 31 01:12:20 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	62613	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.67	95	19042	0.85	ug/l	0.01
Spiked Amount 1.000			Recovery	=	85.00%	
68) 1,2-Dichlorobenzene-d4	12.23	152	19271	0.80	ug/l	0.00
Spiked Amount 1.000			Recovery	=	80.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.40	85	7349	0.300	ug/l 98
3) Chloromethane	1.54	50	10224	0.340	ug/l 97
4) Vinyl Chloride	1.62	62	8188	0.307	ug/l 91
5) Bromomethane	1.88	94	4238	0.313	ug/l 89
6) Chloroethane	1.96	64	4658	0.304	ug/l 94
7) Trichlorofluoromethane	2.16	101	10418	0.317	ug/l 94
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	5934	0.333	ug/l 96
9) 1,1-Dichloroethene	2.61	96	5634	0.327	ug/l 93
10) Iodomethane	2.75	142	1937	0.937	ug/l 87
11) Allyl Chloride	2.96	41	8328	0.288	ug/l 93
12) Acrylonitrile	3.37	53	2638	0.611	ug/l # 72
13) Acetone	2.67	43	7654	1.826	ug/l 97
14) Carbon Disulfide	2.83	76	18736	0.308	ug/l 97
15) Methylene Chloride	3.08	84	9770	0.442	ug/l 90
16) trans-1,2-Dichloroethene	3.39	96	6341	0.335	ug/l 85
17) 1,1-Dichloroethane	3.93	63	11596	0.327	ug/l 96
18) 2-Butanone	4.79	43	5815	1.070	ug/l 96
19) Cyclohexane	5.43	56	7108	0.253	ug/l 94
20) Methylcyclohexane	6.80	83	7580	0.263	ug/l 94
21) 2,2-Dichloropropane	4.72	77	9813	0.321	ug/l 91
22) cis-1,2-Dichloroethene	4.72	96	5956	0.294	ug/l 99
23) Diethyl Ether	2.41	59	4391	0.309	ug/l 98
24) tert-Butyl Alcohol	3.24	59	19708	12.462	ug/l # 78
25) Methyl tert-Butyl Ether	3.43	73	14397	0.312	ug/l # 86
26) Bromochloromethane	5.03	128	2666	0.295	ug/l 92
27) Chloroform	5.14	83	15189	0.401	ug/l 93
28) 1,1,1-Trichloroethane	5.36	97	9541	0.318	ug/l 98
29) 1,1-Dichloropropene	5.57	75	6893	0.274	ug/l # 92
30) Carbon Tetrachloride	5.57	117	7616	0.285	ug/l 92
31) Isopropyl Ether	4.06	45	14227	0.287	ug/l 87
32) Ethyl-t-butyl ether	4.57	59	12749	0.278	ug/l 96
33) Tert-Amyl methyl ether	6.00	73	10454	0.265	ug/l 99
34) Propionitrile	4.86	54	2180	1.385	ug/l # 88
35) Benzene	5.82	78	21916	0.285	ug/l 94
36) 1,2-Dichloroethane	5.84	62	6720	0.305	ug/l # 84
37) Trichloroethene	6.58	130	6045	0.283	ug/l 91
38) 1,2-Dichloropropane	6.84	63	6266	0.298	ug/l 96
39) Methacrylonitrile	5.04	41	1480	0.250	ug/l # 86
40) Methyl acrylate	4.92	55	2385	0.265	ug/l # 71
41) Tetrahydrofuran	5.14	42	1765	0.581	ug/l # 44
42) 1-Chlorobutane	5.51	56	8517	0.246	ug/l 85

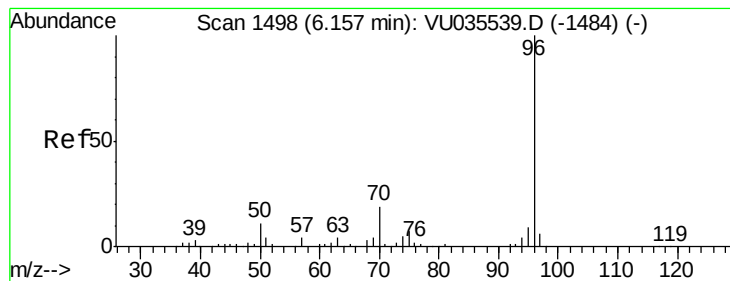
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U103019\
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Quant Time: Oct 31 01:12:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102919DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 30 07:13:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.96	93	3315	0.315	ug/l	93
44) Bromodichloromethane	7.15	83	7934	0.303	ug/l #	95
45) 4-Methyl-2-Pentanone	7.85	43	15750	1.404	ug/l	93
46) t-1,4-Dichloro-2-butene	10.86	75	3401	0.834	ug/l #	67
47) Methyl methacrylate	7.02	69	3384	0.388	ug/l #	84
49) Toluene	8.01	92	10316	0.234	ug/l	96
51) cis-1,3-Dichloropropene	7.65	75	7097	0.258	ug/l	97
52) 1,1,2-Trichloroethane	8.44	97	4683	0.318	ug/l	93
53) 1,3-Dichloropropane	8.61	76	6272	0.251	ug/l	96
54) 2-Hexanone	8.77	43	7669	0.962	ug/l	96
55) Dibromochloromethane	8.84	129	5579	0.310	ug/l	94
56) 1,2-Dibromoethane	8.96	107	3783	0.281	ug/l	86
58) Tetrachloroethene	8.59	164	5482	0.280	ug/l	93
59) Chlorobenzene	9.48	112	13486	0.265	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.57	131	5788	0.296	ug/l	96
61) Pentachloroethane	11.46	117	4741	0.297	ug/l	94
62) Hexachloroethane	12.50	117	4494	0.308	ug/l	98
63) Ethyl Benzene	9.60	91	18206	0.230	ug/l	98
64) m/p-Xylenes	9.73	106	13017	0.417	ug/l #	30
67) Bromoform	10.32	173	3228	0.289	ug/l #	94
69) Isopropylbenzene	10.52	105	16379	0.208	ug/l	96
70) 1,1,2,2-Tetrachloroethane	10.82	83	6101	0.310	ug/l #	77
71) 1,2,3-Trichloropropane	10.86	75	3401	0.230	ug/l	91
72) Bromobenzene	10.82	156	5462	0.249	ug/l	88
77) tert-Butylbenzene	11.46	119	14129	0.213	ug/l	95
80) Nitrobenzene	13.24	77	328	0.498	ug/l #	41
82) 1,3-Dichlorobenzene	11.79	146	8847	0.212	ug/l	98
83) 1,4-Dichlorobenzene	11.87	146	8157	0.204	ug/l	97
85) 1,2-Dichlorobenzene	12.25	146	8552	0.218	ug/l	97
86) 1,2-Dibromo-3-Chloropropan	13.03	75	606	0.242	ug/l #	87
87) 1,2,4-Trichlorobenzene	13.87	180	2100	0.705	ug/l	96
88) Hexachlorobutadiene	14.04	225	3749	0.256	ug/l	95
89) Naphthalene	14.11	128	2831	0.771	ug/l #	83
90) 1,2,3-Trichlorobenzene	14.36	180	2221	0.601	ug/l	93

(#) = 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: VU035551.D

Acq: 30 Oct 2019 10:33

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 96 Resp: 62613

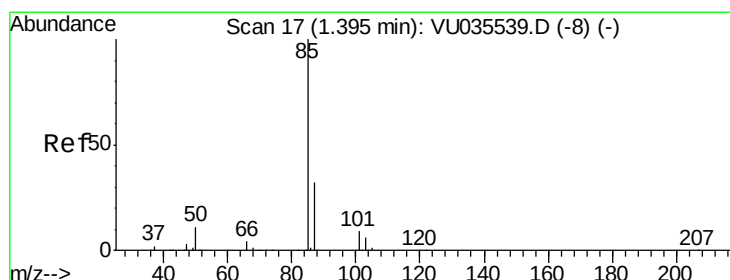
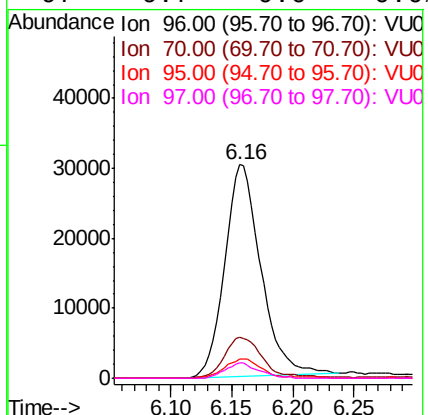
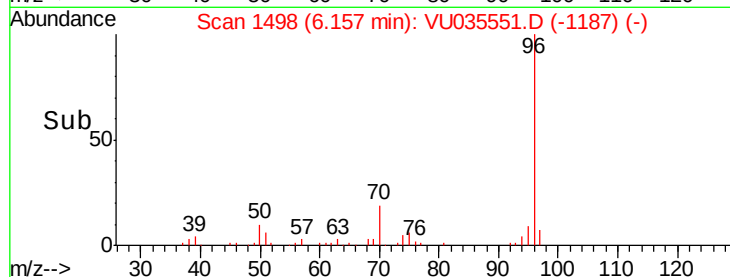
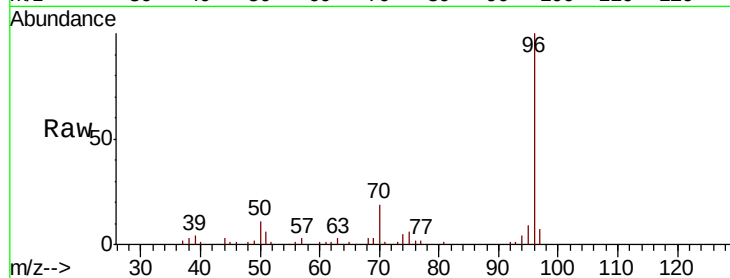
Ion Ratio Lower Upper

96 100

70 21.0 15.8 23.8

95 8.9 7.4 11.2

97 6.7 0.0 0.0#



#2

Dichlorodifluoromethane

Concen: 0.300 ug/l

RT: 1.40 min Scan# 18

Delta R.T. 0.00 min

Lab File: VU035551.D

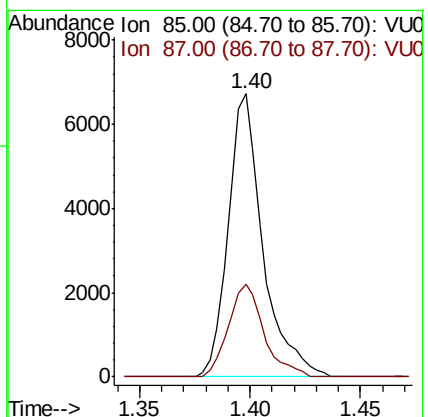
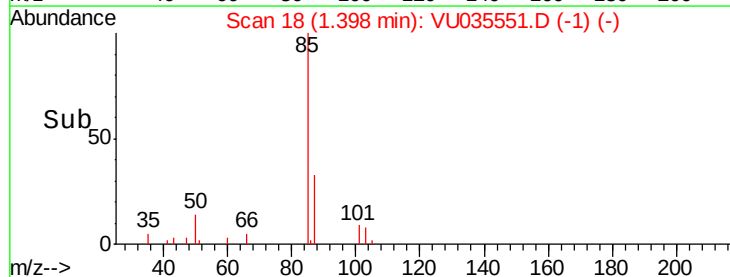
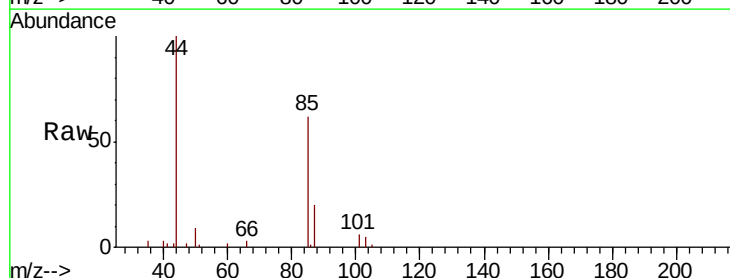
Acq: 30 Oct 2019 10:33

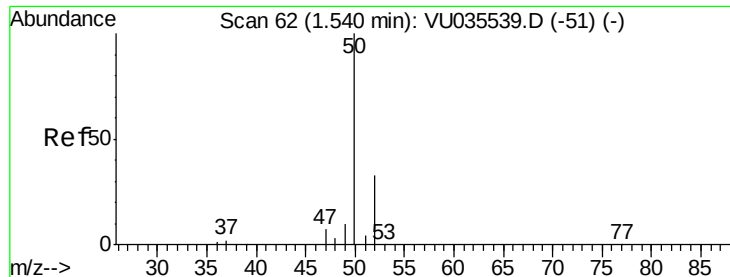
Tgt Ion: 85 Resp: 7349

Ion Ratio Lower Upper

85 100

87 32.6 15.8 47.4





#3

Chloromethane

Concen: 0.340 ug/l

RT: 1.54 min Scan# 62

Delta R.T. -0.00 min

Lab File: VU035551.D

Acq: 30 Oct 2019 10:33

Instrument :

MSVOA_U

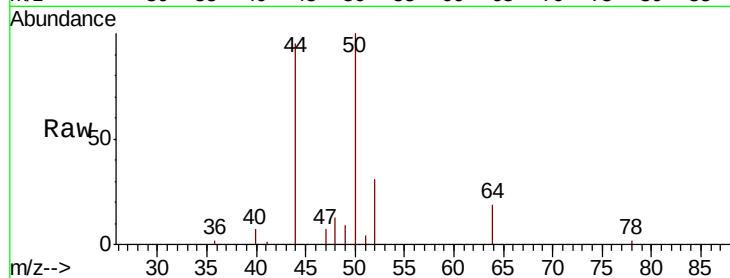
ClientSampleId :

Tot Ion: 50 Resp: 10224

Ion Ratio Lower Upper

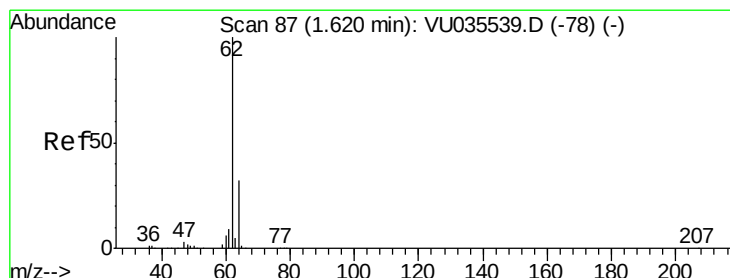
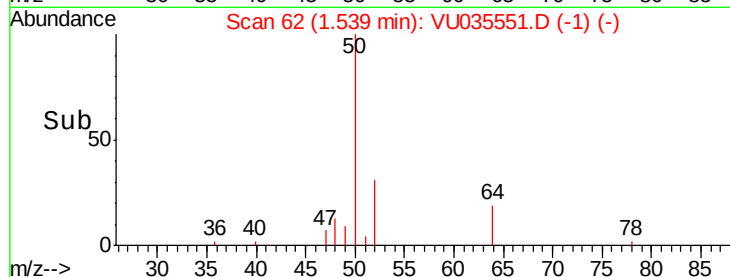
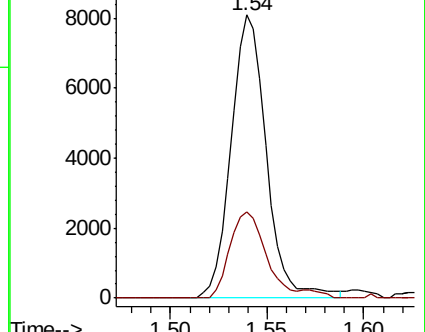
50 100

52 30.6 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) (-)



#4

Vinyl Chloride

Concen: 0.307 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VU035551.D

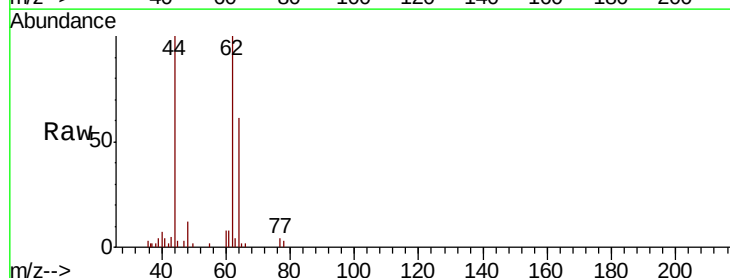
Acq: 30 Oct 2019 10:33

Tgt Ion: 62 Resp: 8188

Ion Ratio Lower Upper

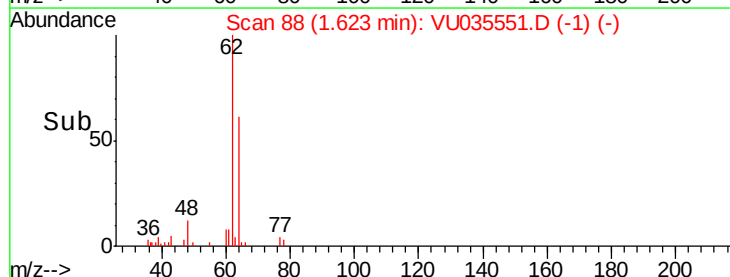
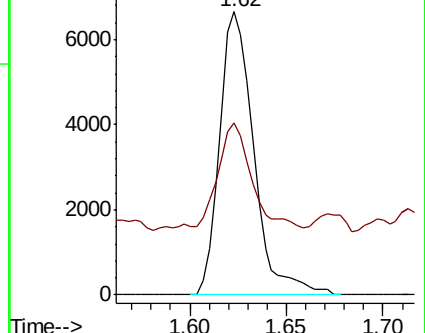
62 100

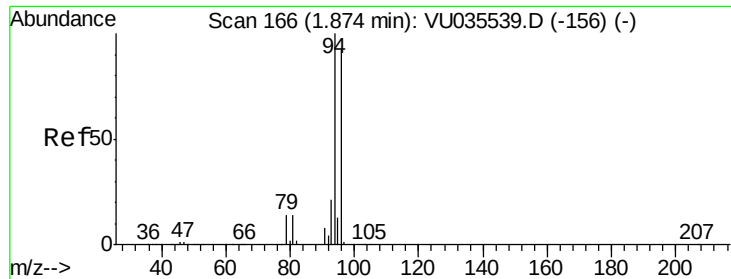
64 36.9 25.6 38.4



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

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





#5

Bromomethane

Concen: 0.313 ug/l

RT: 1.88 min Scan# 168

Delta R.T. 0.01 min

Lab File: VU035551.D

Acq: 30 Oct 2019 10:33

Instrument :

MSVOA_U

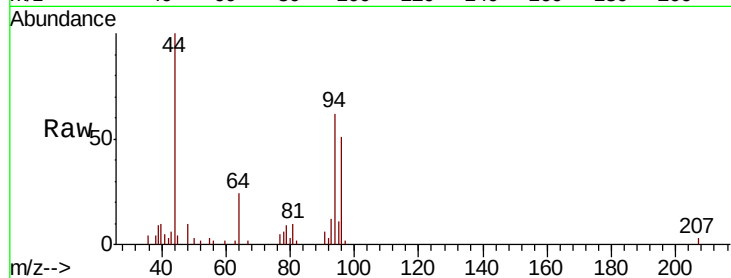
ClientSampleId :

Tot Ion: 94 Resp: 4238

Ion Ratio Lower Upper

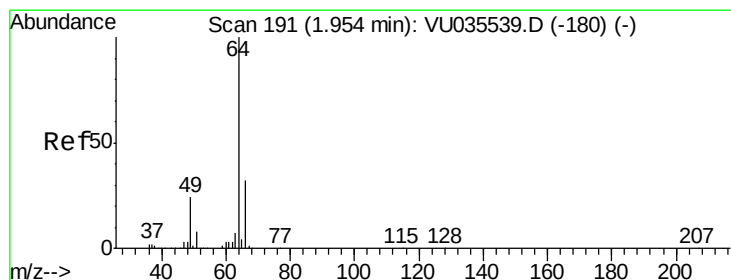
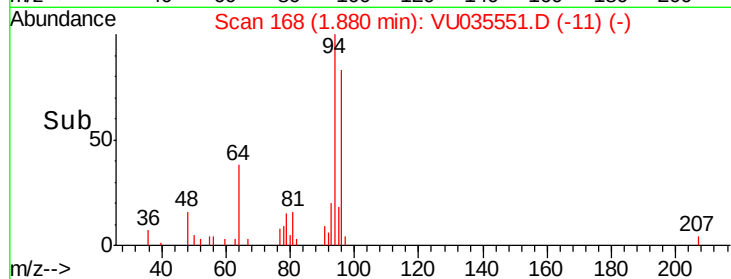
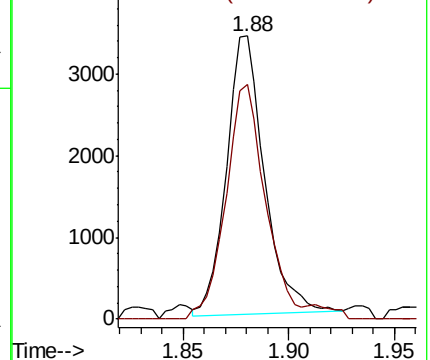
94 100

96 82.1 73.8 110.8



Abundance Ion 94.00 (93.70 to 94.70): VU035539.D (-156) (-)

Ion 96.00 (95.70 to 96.70): VU035539.D (-156) (-)



#6

Chloroethane

Concen: 0.304 ug/l

RT: 1.96 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU035551.D

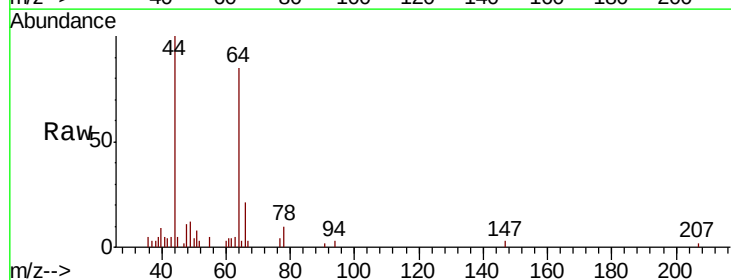
Acq: 30 Oct 2019 10:33

Tgt Ion: 64 Resp: 4658

Ion Ratio Lower Upper

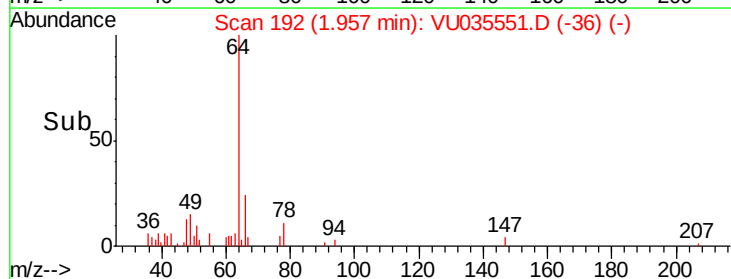
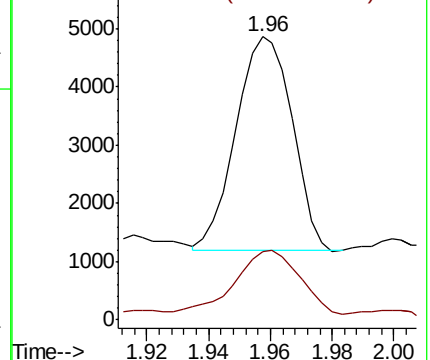
64 100

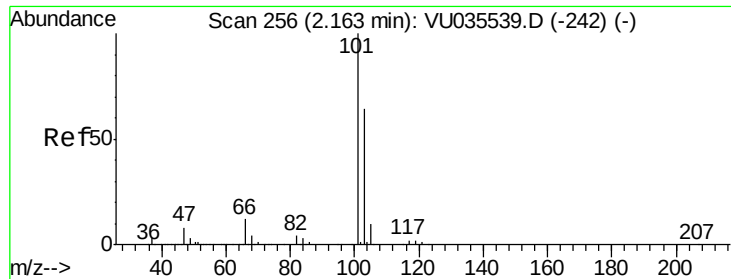
66 28.9 25.9 38.9



Abundance Ion 64.00 (63.70 to 64.70): VU035539.D (-180) (-)

Ion 66.00 (65.70 to 66.70): VU035539.D (-180) (-)



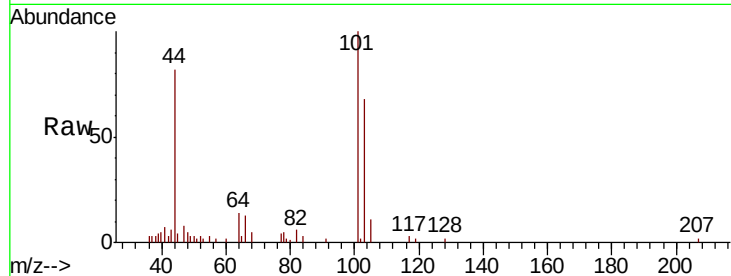


#7

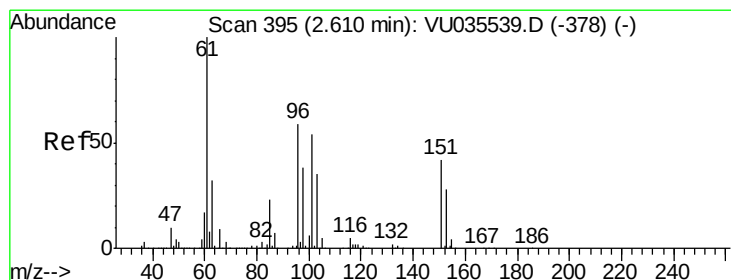
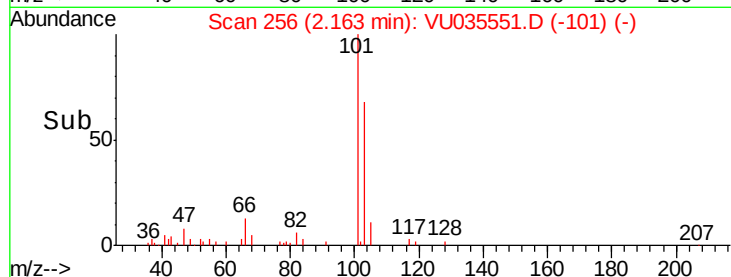
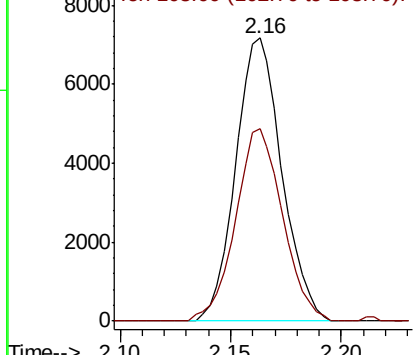
Trichlorofluoromethane
Concen: 0.317 ug/l
RT: 2.16 min Scan# 256
Delta R.T. -0.00 min
Lab File: VU035551.D
Acq: 30 Oct 2019 10:33

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:101 Resp: 10418
Ion Ratio Lower Upper
101 100
103 68.2 51.0 76.6



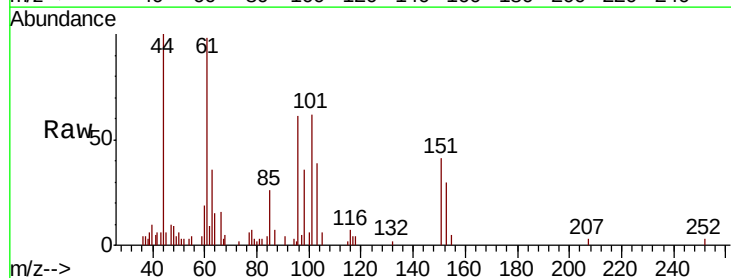
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



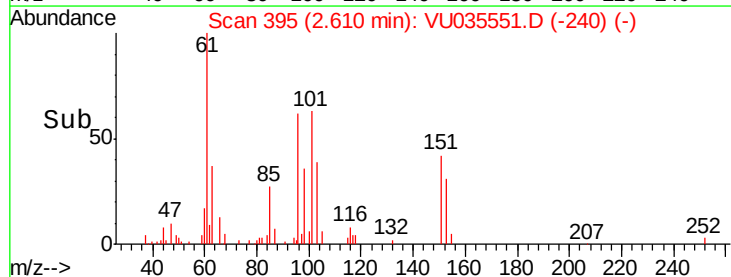
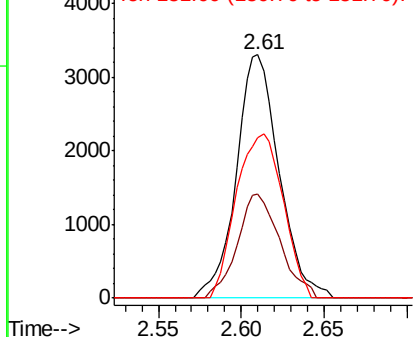
#8

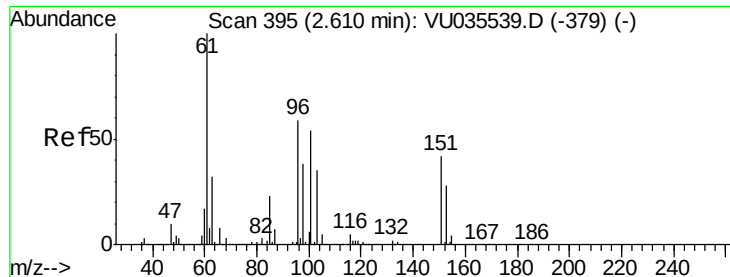
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.333 ug/l
RT: 2.61 min Scan# 395
Delta R.T. -0.00 min
Lab File: VU035551.D
Acq: 30 Oct 2019 10:33

Tgt Ion:101 Resp: 5934
Ion Ratio Lower Upper
101 100
85 42.6 35.8 53.6
151 73.8 61.8 92.6



Abundance Ion 101.00 (100.70 to 101.70): V
Ion 85.00 (84.70 to 85.70): VU
Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 0.327 ug/l

RT: 2.61 min Scan# 395

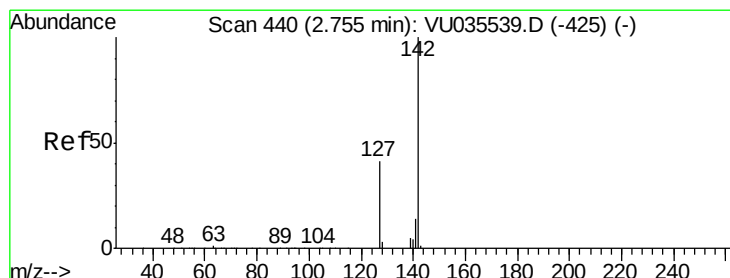
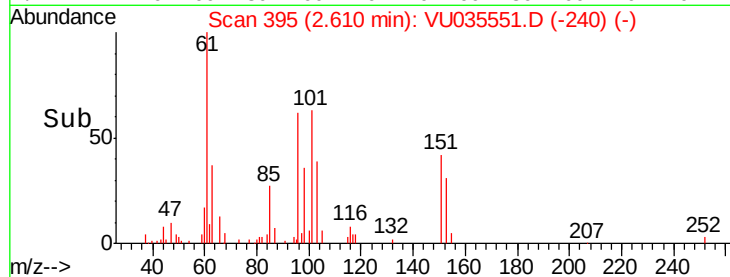
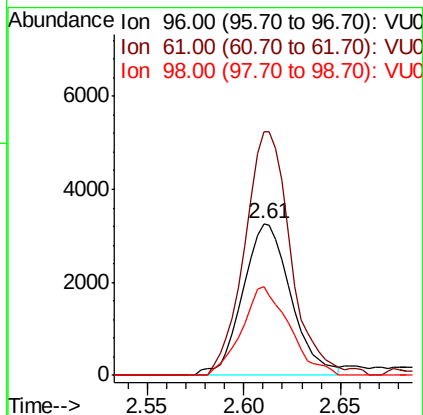
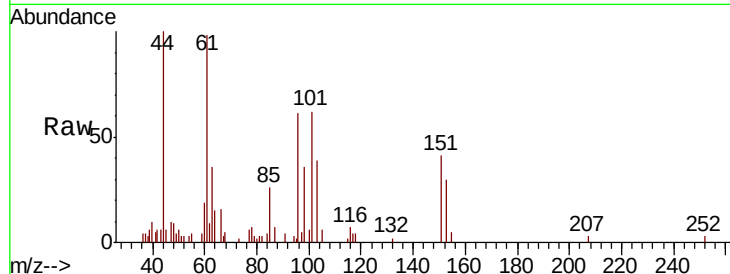
Delta R.T. -0.00 min

Lab File: VU035551.D

Acq: 30 Oct 2019 10:33

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	96	Resp:	5634
Ion	Ratio	Lower	Upper
96	100		
61	160.7	0.0	508.8
98	58.6	0.0	130.4



#10

Iodomethane

Concen: 0.937 ug/l

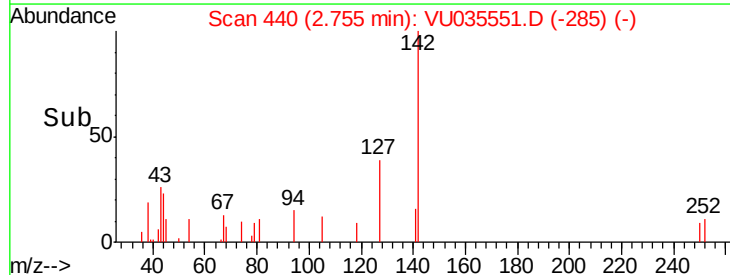
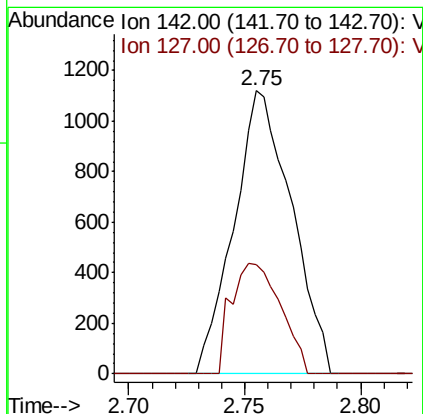
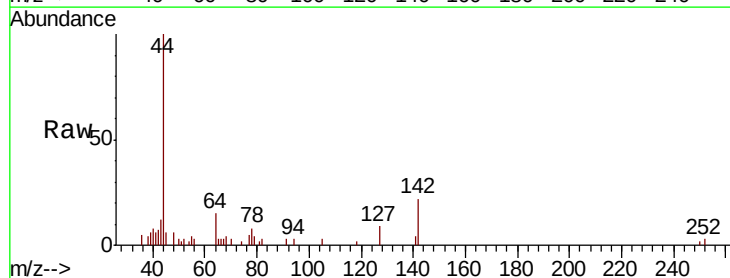
RT: 2.75 min Scan# 440

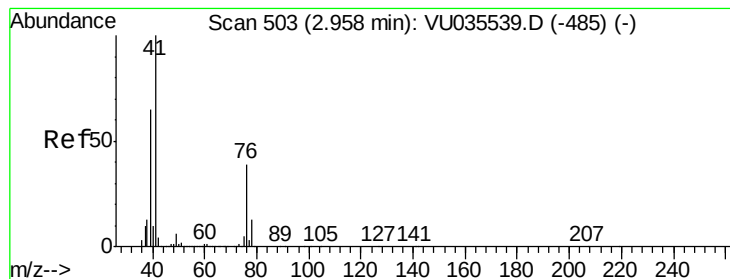
Delta R.T. -0.00 min

Lab File: VU035551.D

Acq: 30 Oct 2019 10:33

Tgt Ion:	142	Resp:	1937
Ion	Ratio	Lower	Upper
142	100		
127	33.5	33.4	50.0





#11

Allvl Chloride

Concen: 0.288 ug/l

RT: 2.96 min Scan# 503

Delta R.T. -0.00 min

Lab File: VU035551.D

Acq: 30 Oct 2019 10:33

Instrument :

MSVOA_U

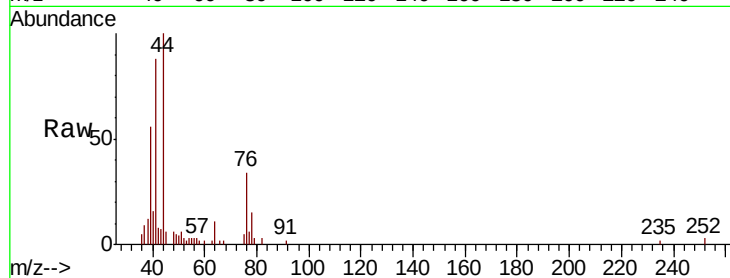
ClientSampled :

Tot Ion: 41 Resp: 8328

Ion Ratio Lower Upper

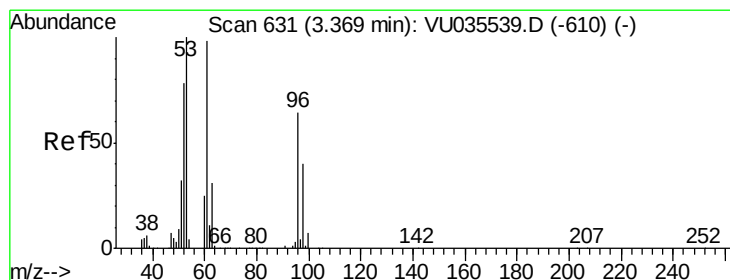
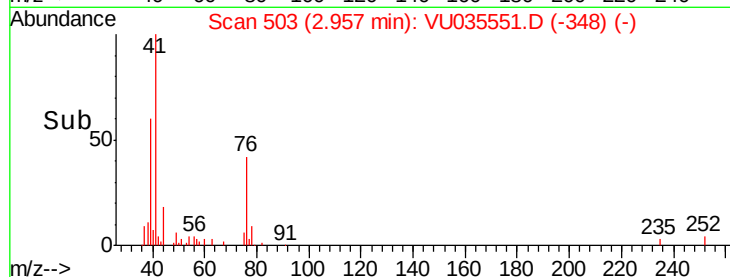
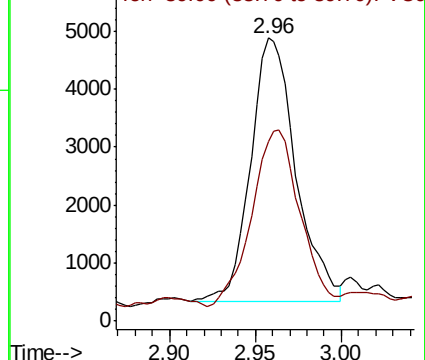
41 100

39 70.9 52.0 78.0



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0



#12

Acrylonitrile

Concen: 0.611 ug/l

RT: 3.37 min Scan# 631

Delta R.T. -0.00 min

Lab File: VU035551.D

Acq: 30 Oct 2019 10:33

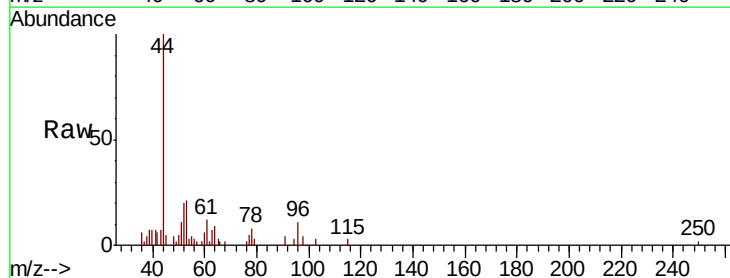
Tgt Ion: 53 Resp: 2638

Ion Ratio Lower Upper

53 100

52 55.6 67.4 101.0#

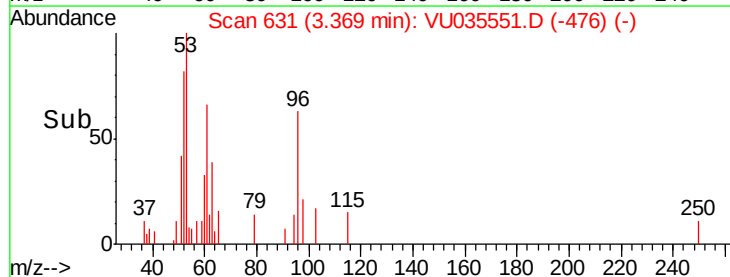
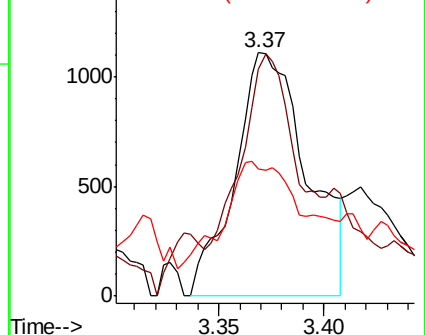
51 44.0 27.0 40.4#

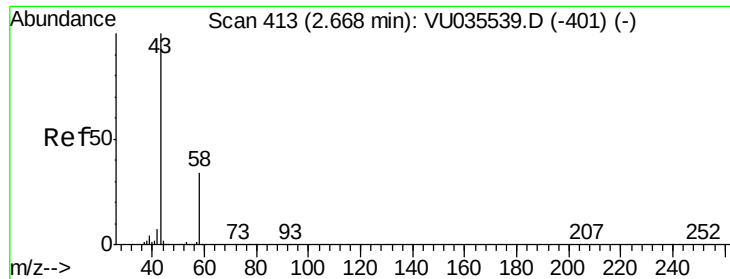


Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0





#13

Acetone

Concen: 1.826 ug/l

RT: 2.67 min Scan# 415

Delta R.T. 0.01 min

Lab File: VU035551.D

Acq: 30 Oct 2019 10:33

Instrument :

MSVOA_U

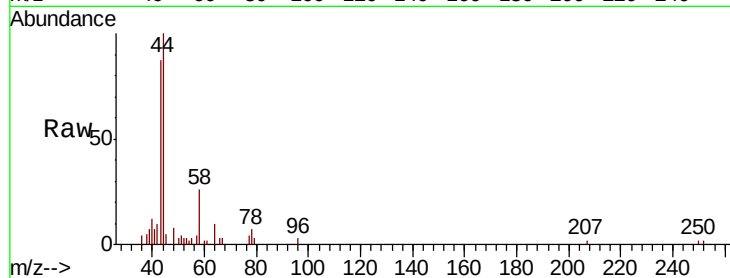
ClientSampleId :

Tot Ion: 43 Resp: 7654

Ion Ratio Lower Upper

43 100

58 32.7 27.6 41.4

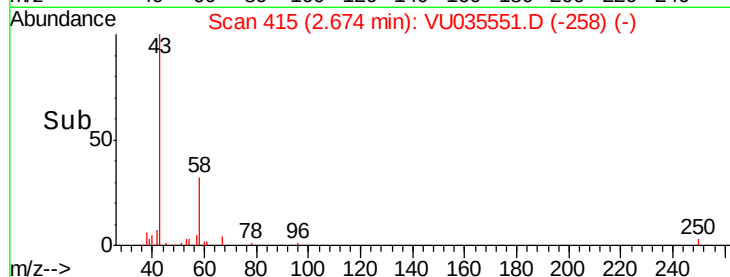


Abundance Ion 43.00 (42.70 to 43.70): VU035539.D (-401) (-)

Ion 58.00 (57.70 to 58.70): VU035539.D (-401) (-)

2.67

Time-->

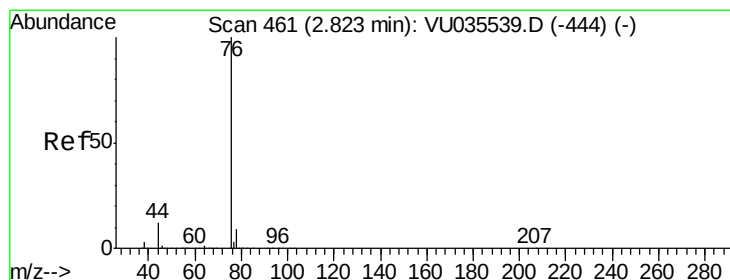


Abundance Ion 43.00 (42.70 to 43.70): VU035551.D (-258) (-)

Ion 58.00 (57.70 to 58.70): VU035551.D (-258) (-)

2.67

Time-->



#14

Carbon Disulfide

Concen: 0.308 ug/l

RT: 2.83 min Scan# 462

Delta R.T. 0.00 min

Lab File: VU035551.D

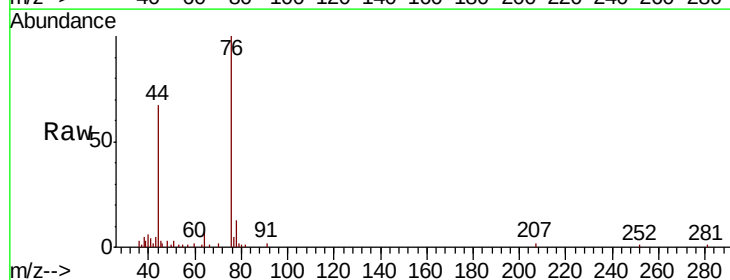
Acq: 30 Oct 2019 10:33

Tgt Ion: 76 Resp: 18736

Ion Ratio Lower Upper

76 100

78 10.3 7.4 11.2

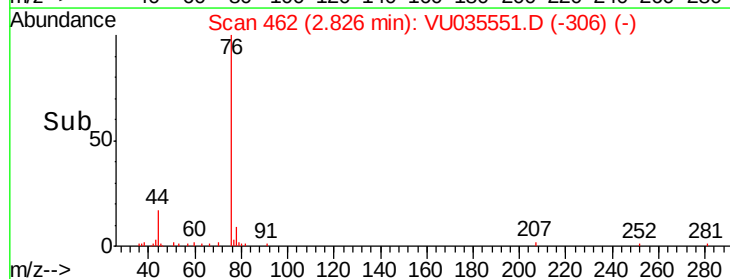


Abundance Ion 76.00 (75.70 to 76.70): VU035539.D (-444) (-)

Ion 78.00 (77.70 to 78.70): VU035539.D (-444) (-)

2.83

Time-->

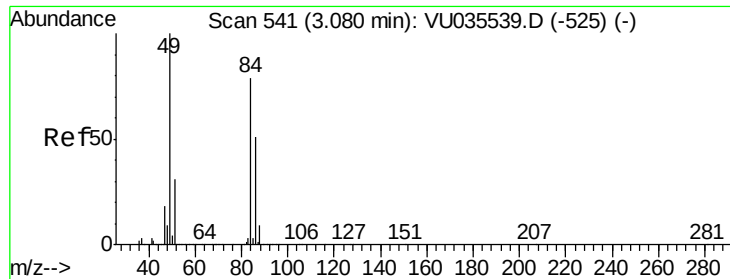


Abundance Ion 76.00 (75.70 to 76.70): VU035551.D (-306) (-)

Ion 78.00 (77.70 to 78.70): VU035551.D (-306) (-)

2.83

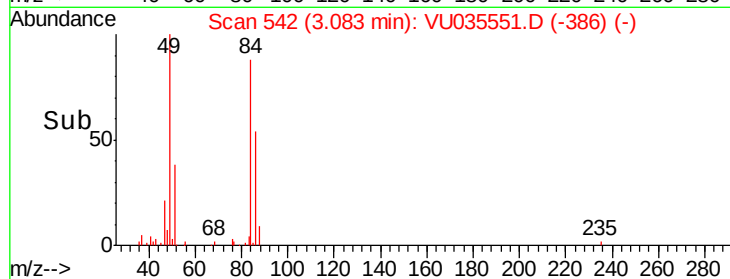
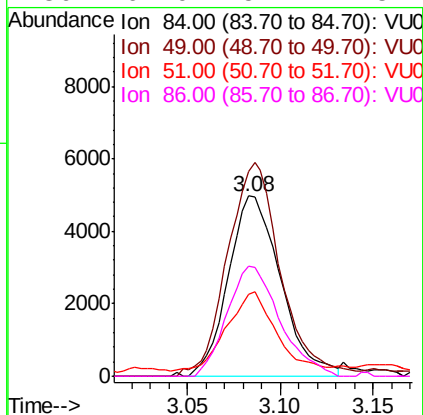
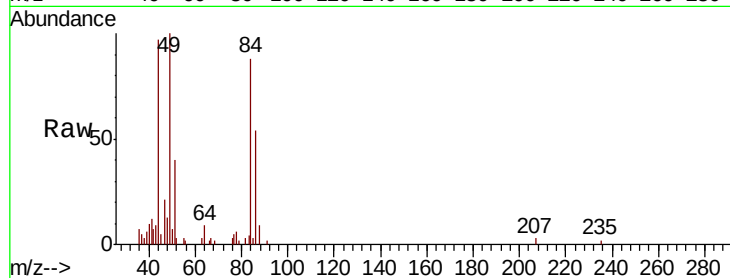
Time-->



#15
Methylene Chloride
Concen: 0.442 ug/l
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035551.D
Acq: 30 Oct 2019 10:33

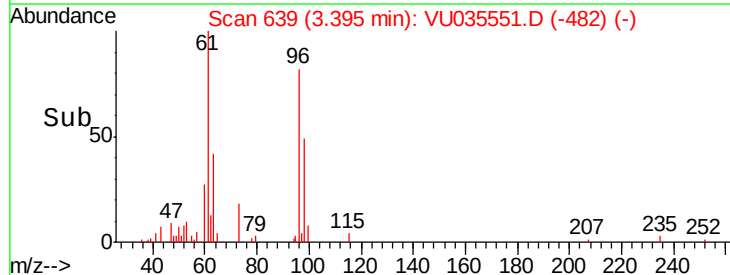
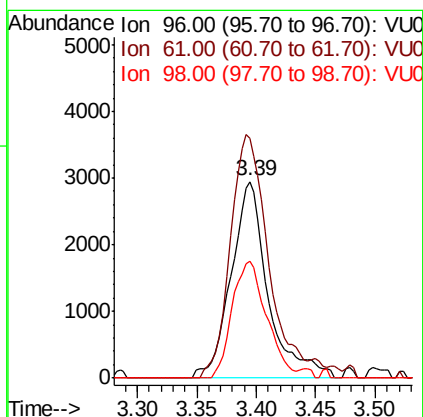
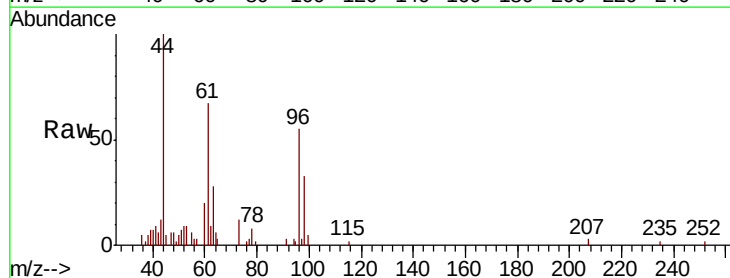
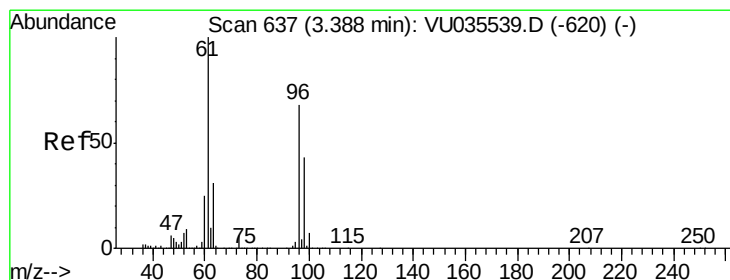
Instrument :
MSVOA_U
ClientSampleId :

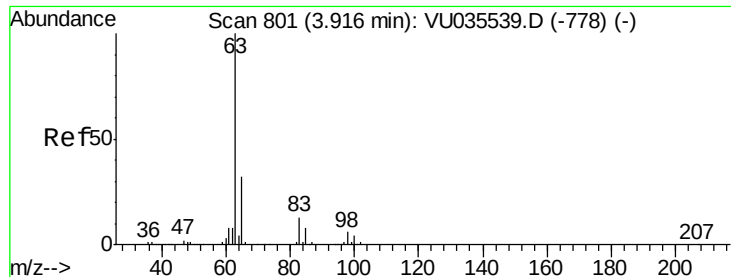
Tot Ion:	84	Resp:	9770
Ion	Ratio	Lower	Upper
84	100		
49	110.0	101.5	152.3
51	41.4	0.0	78.6
86	61.0	52.2	78.2



#16
trans-1,2-Dichloroethene
Concen: 0.335 ug/l
RT: 3.39 min Scan# 639
Delta R.T. 0.01 min
Lab File: VU035551.D
Acq: 30 Oct 2019 10:33

Tgt Ion:	96	Resp:	6341
Ion	Ratio	Lower	Upper
96	100		
61	121.8	117.8	176.8
98	59.6	50.2	75.2

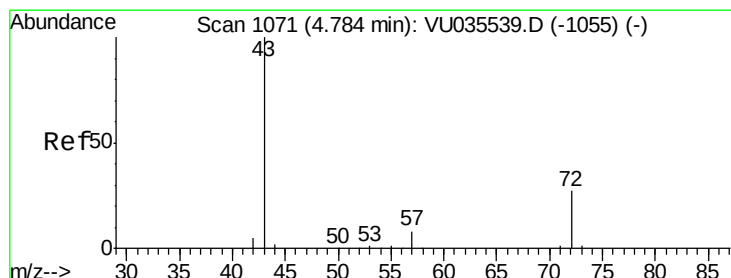
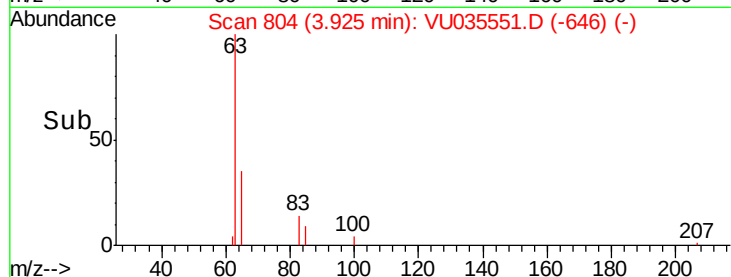
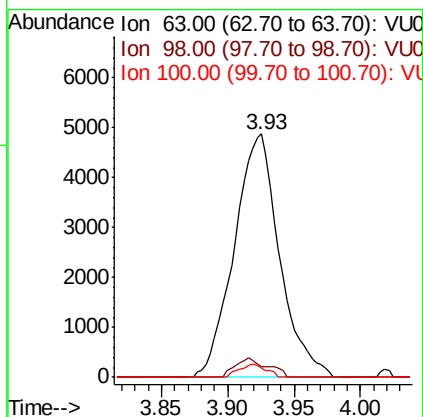
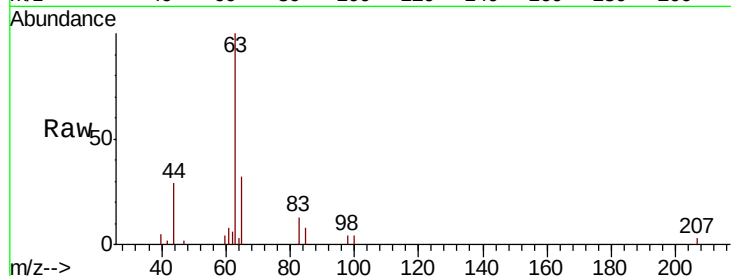




#17
 1,1-Dichloroethane
 Concen: 0.327 ug/l
 RT: 3.93 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: VU035551.D
 Acq: 30 Oct 2019 10:33

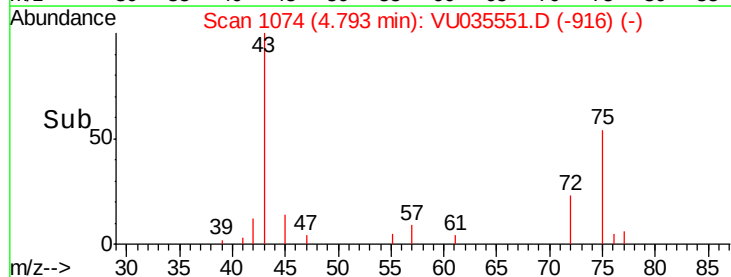
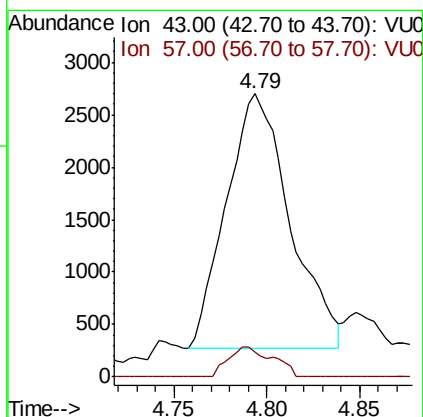
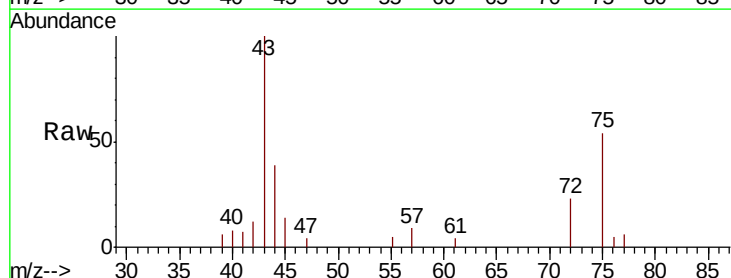
Instrument :
 MSVOA_U
 ClientSampleId :

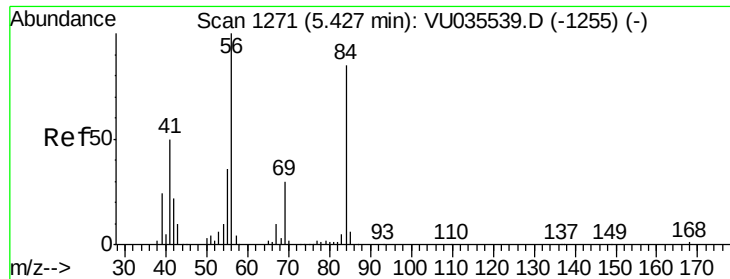
Tot Ion	63	Resp	11596
Ion Ratio	Lower	Upper	
63	100		
98	4.5	3.1	9.3
100	3.8	2.1	6.3



#18
 2-Butanone
 Concen: 1.070 ug/l
 RT: 4.79 min Scan# 1074
 Delta R.T. 0.01 min
 Lab File: VU035551.D
 Acq: 30 Oct 2019 10:33

Tgt Ion	43	Resp	5815
Ion Ratio	Lower	Upper	
43	100		
57	9.9	0.0	17.0

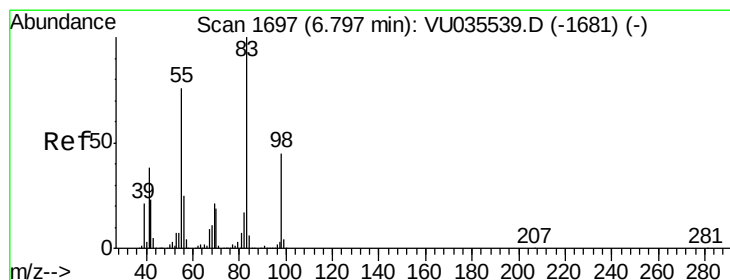
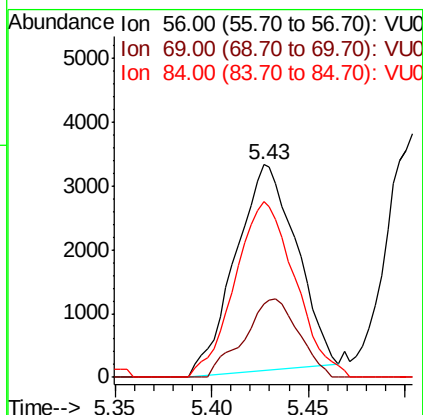
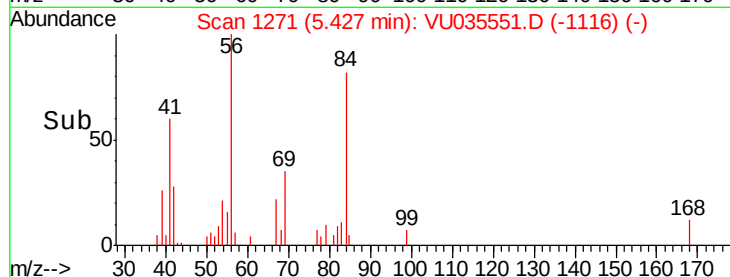
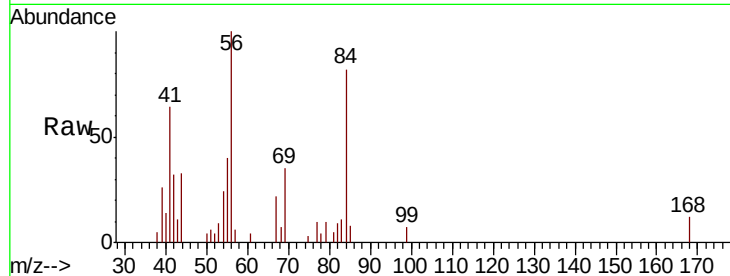




#19
Cyclohexane
Concen: 0.253 ug/l
RT: 5.43 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU035551.D
Acq: 30 Oct 2019 10:33

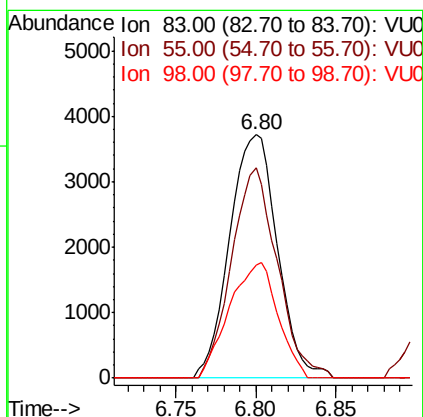
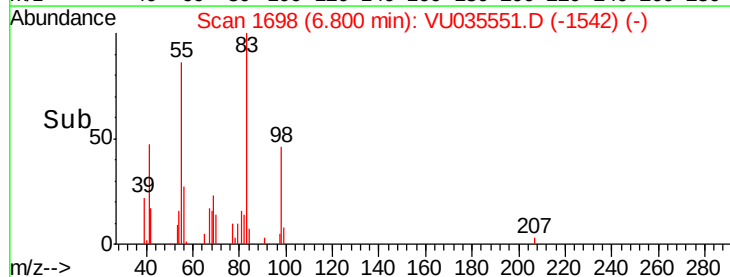
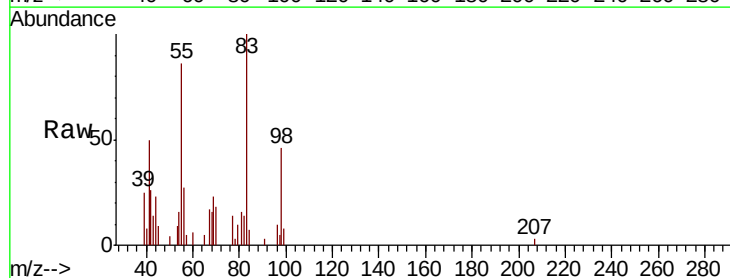
Instrument :
MSVOA_U
ClientSampleId :

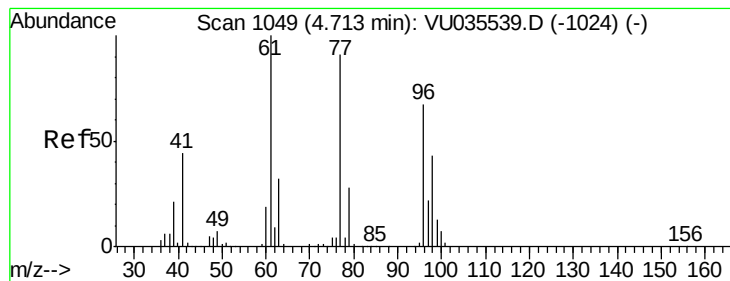
Tot Ion: 56 Resp: 7108
Ion Ratio Lower Upper
56 100
69 33.8 26.4 39.6
84 83.7 72.9 109.3



#20
Methylcyclohexane
Concen: 0.263 ug/l
RT: 6.80 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VU035551.D
Acq: 30 Oct 2019 10:33

Tgt Ion: 83 Resp: 7580
Ion Ratio Lower Upper
83 100
55 82.9 61.2 91.8
98 48.1 36.7 55.1





#21

2,2-Dichloropropane

Concen: 0.321 ug/l

RT: 4.72 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VU035551.D

Acq: 30 Oct 2019 10:33

Instrument :

MSVOA_U

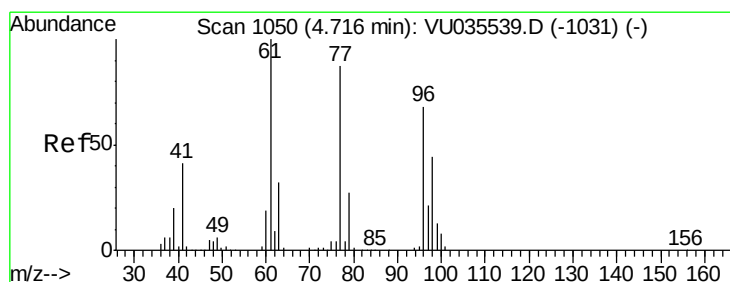
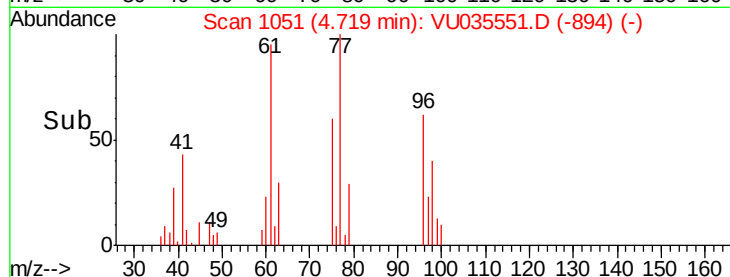
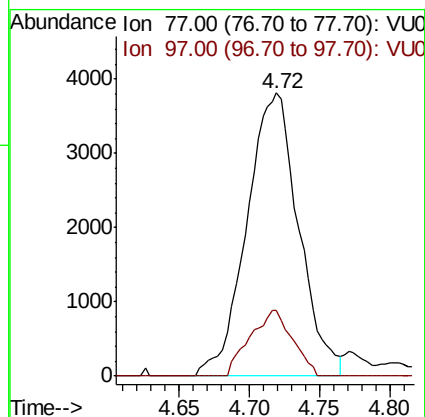
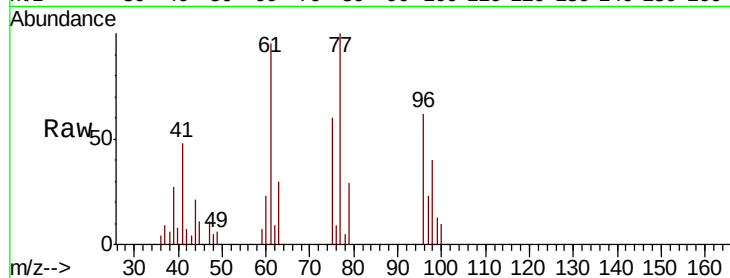
ClientSampleId :

Tot Ion: 77 Resp: 9813

Ion Ratio Lower Upper

77 100

97 19.0 18.8 28.2



#22

cis-1,2-Dichloroethene

Concen: 0.294 ug/l

RT: 4.72 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VU035551.D

Acq: 30 Oct 2019 10:33

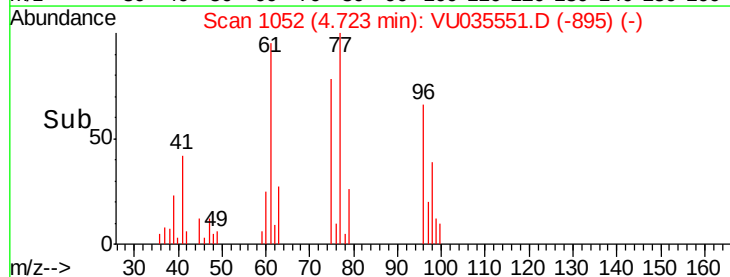
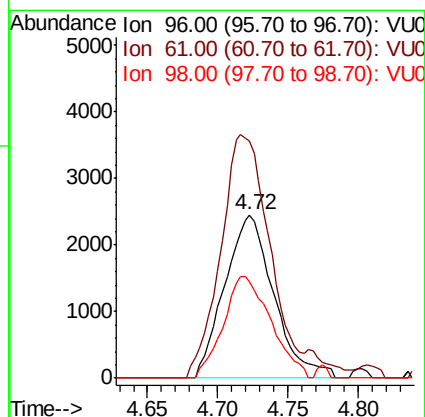
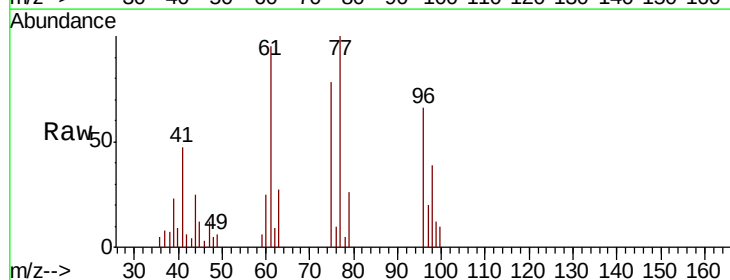
Tgt Ion: 96 Resp: 5956

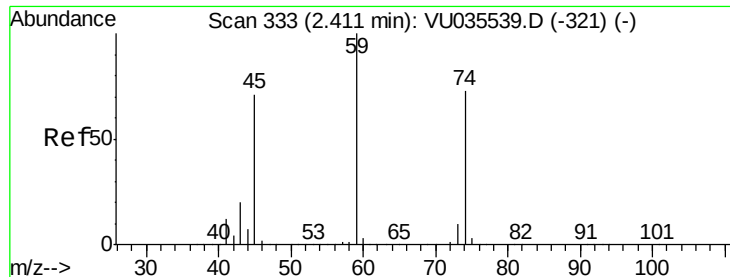
Ion Ratio Lower Upper

96 100

61 148.0 0.0 370.5

98 60.4 31.8 95.4

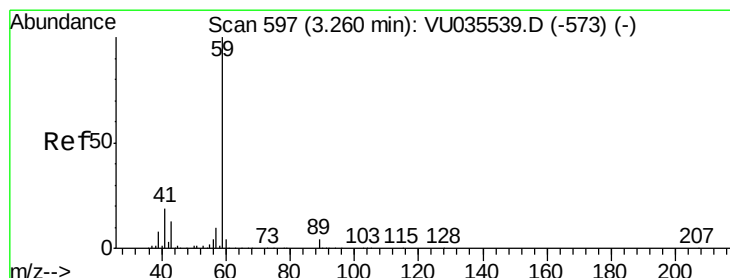
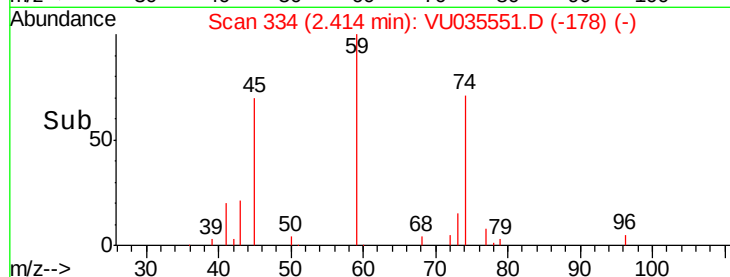
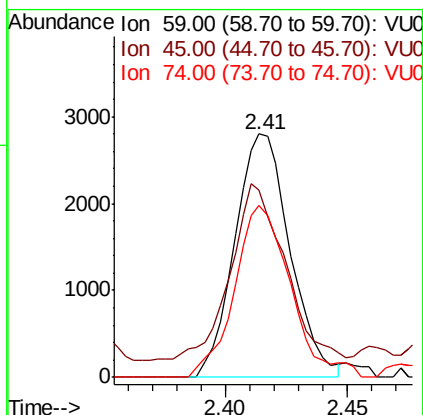
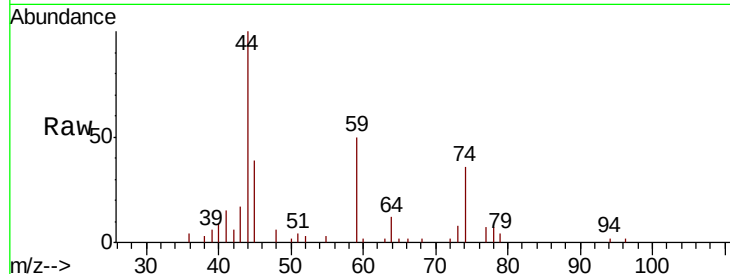




#23
Diethyl Ether
Concen: 0.309 ug/l
RT: 2.41 min Scan# 334
Delta R.T. 0.00 min
Lab File: VU035551.D
Acq: 30 Oct 2019 10:33

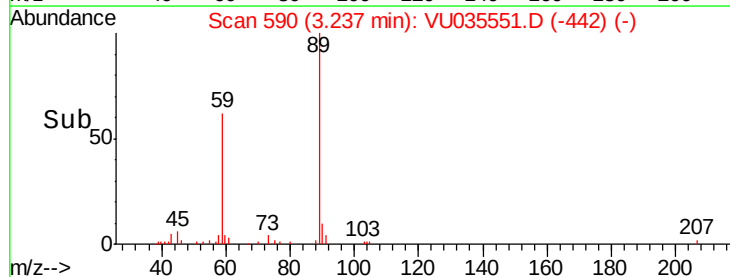
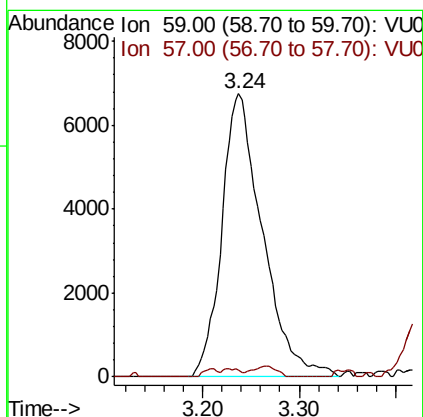
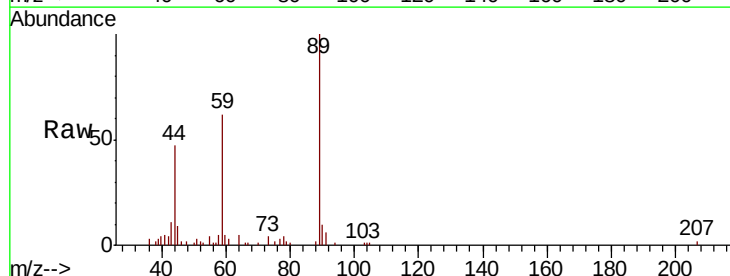
Instrument :
MSVOA_U
ClientSampleId :

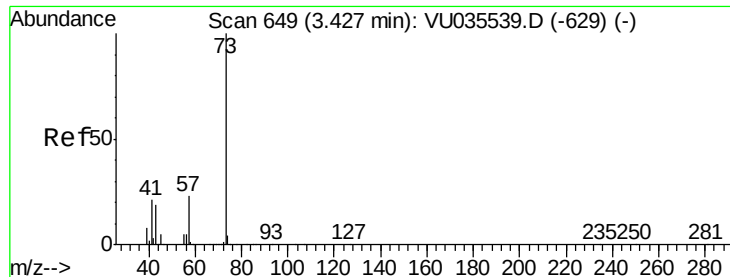
Tot Ion: 59 Resp: 4391
Ion Ratio Lower Upper
59 100
45 70.7 56.9 85.3
74 71.6 59.5 89.3



#24
tert-Butyl Alcohol
Concen: 12.462 ug/l
RT: 3.24 min Scan# 590
Delta R.T. -0.02 min
Lab File: VU035551.D
Acq: 30 Oct 2019 10:33

Tgt Ion: 59 Resp: 19708
Ion Ratio Lower Upper
59 100
57 1.3 7.4 11.0#





#25

Methyl tert-Butyl Ether

Concen: 0.312 ug/l

RT: 3.43 min Scan# 649

Delta R.T. -0.00 min

Lab File: VU035551.D

Acq: 30 Oct 2019 10:33

Instrument :

MSVOA_U

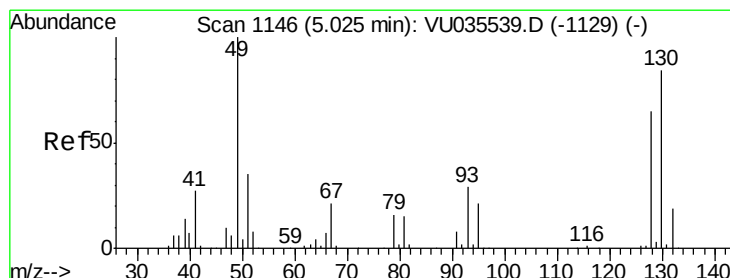
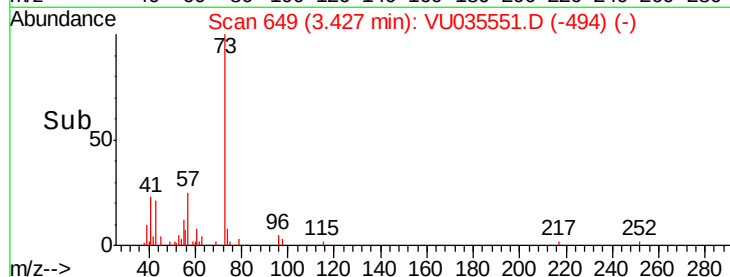
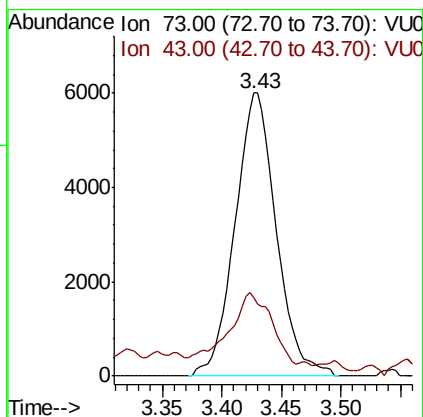
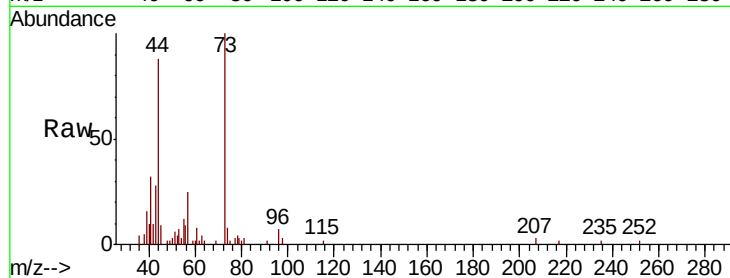
ClientSampleId :

Tot Ion: 73 Resp: 14397

Ion Ratio Lower Upper

73 100

43 25.9 15.4 23.2#



#26

Bromochloromethane

Concen: 0.295 ug/l

RT: 5.03 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VU035551.D

Acq: 30 Oct 2019 10:33

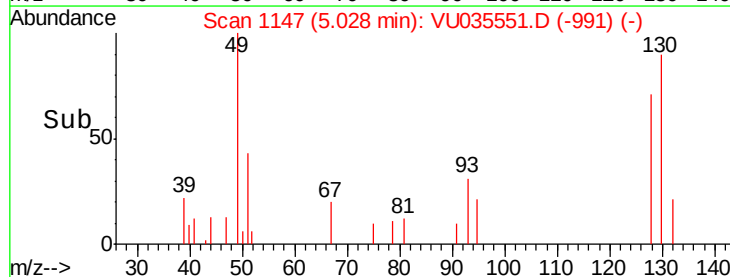
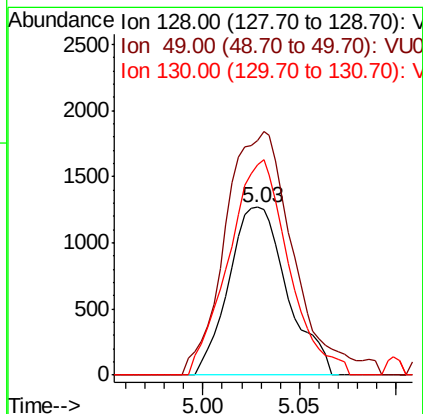
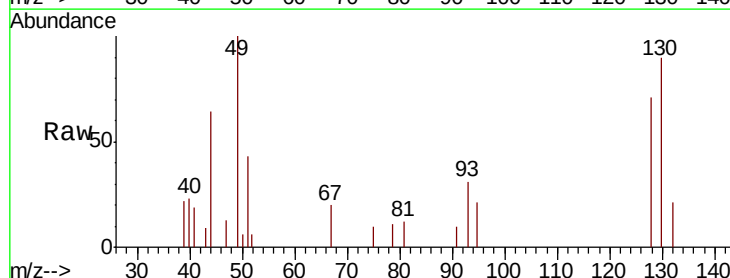
Tgt Ion: 128 Resp: 2666

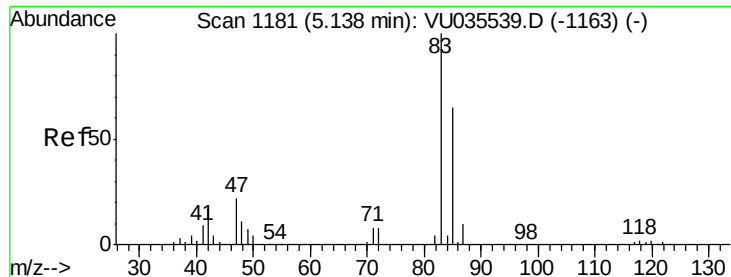
Ion Ratio Lower Upper

128 100

49 169.7 0.0 309.0

130 132.1 101.8 152.8

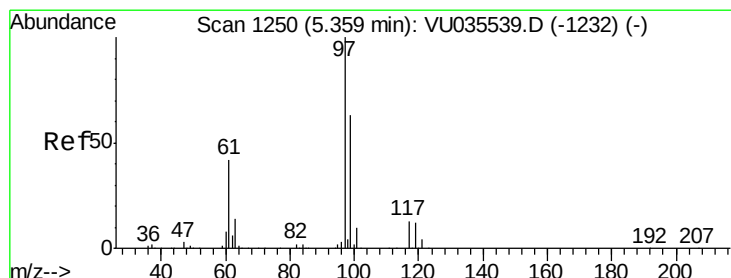
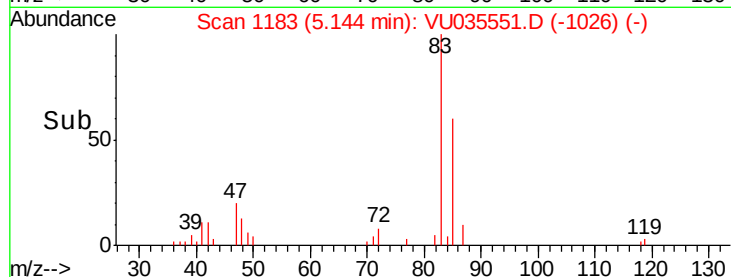
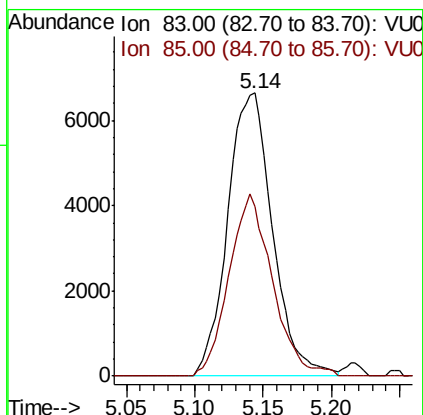
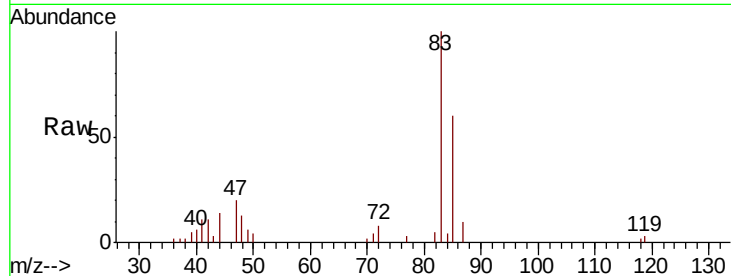




#27
Chloroform
Concen: 0.401 ug/l
RT: 5.14 min Scan# 1183
Delta R.T. 0.01 min
Lab File: VU035551.D
Acq: 30 Oct 2019 10:33

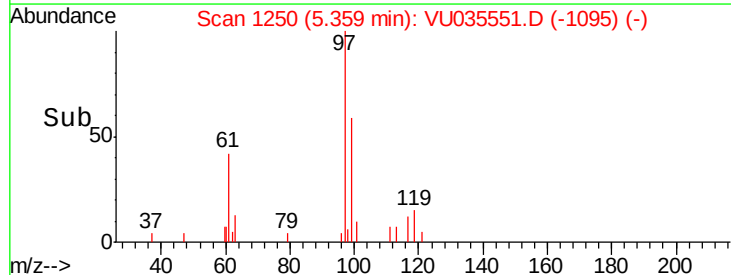
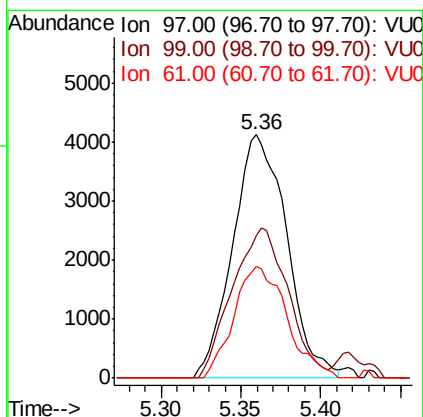
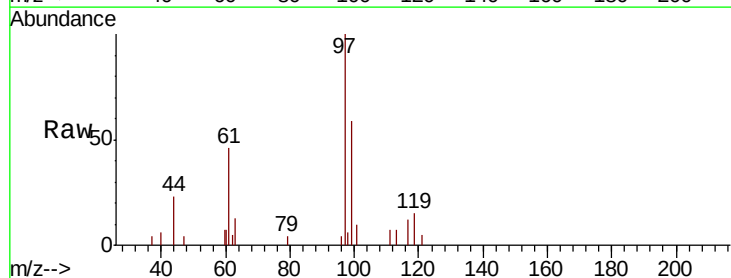
Instrument :
MSVOA_U
ClientSampleId :

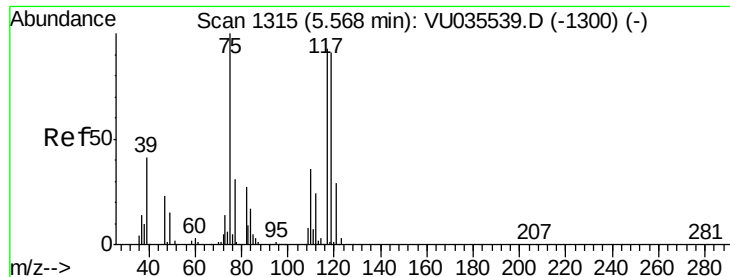
Tot Ion: 83 Resp: 15189
Ion Ratio Lower Upper
83 100
85 60.0 0.0 130.6



#28
1,1,1-Trichloroethane
Concen: 0.318 ug/l
RT: 5.36 min Scan# 1250
Delta R.T. -0.00 min
Lab File: VU035551.D
Acq: 30 Oct 2019 10:33

Tgt Ion: 97 Resp: 9541
Ion Ratio Lower Upper
97 100
99 63.9 32.6 97.7
61 45.0 21.8 65.4





#29

1,1-Dichloropropene

Concen: 0.274 ug/l

RT: 5.57 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VU035551.D

Acq: 30 Oct 2019 10:33

Instrument :

MSVOA_U

ClientSampleId :

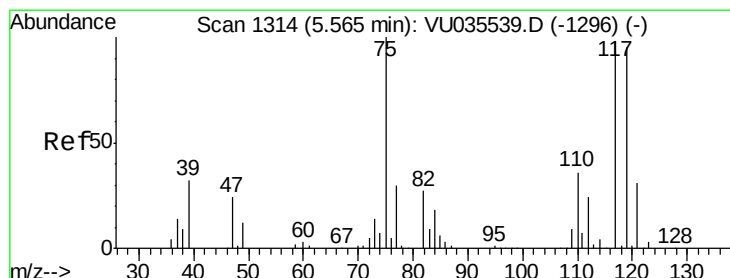
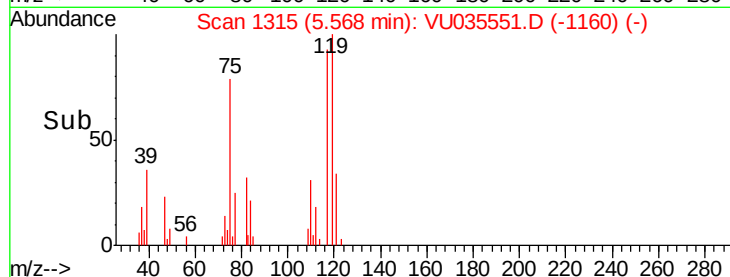
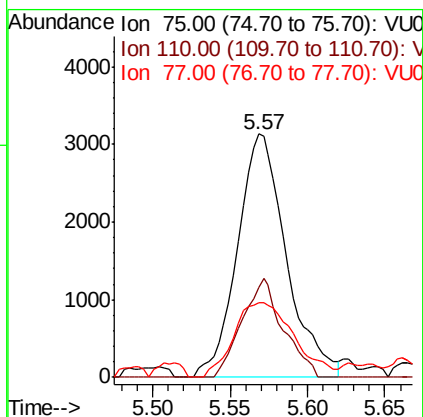
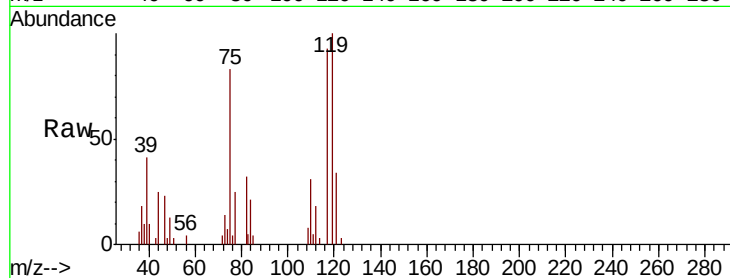
Tot Ion: 75 Resp: 6893

Ion Ratio Lower Upper

75 100

110 34.1 18.3 54.8

77 37.7 24.6 37.0#



#30

Carbon Tetrachloride

Concen: 0.285 ug/l

RT: 5.57 min Scan# 1314

Delta R.T. -0.00 min

Lab File: VU035551.D

Acq: 30 Oct 2019 10:33

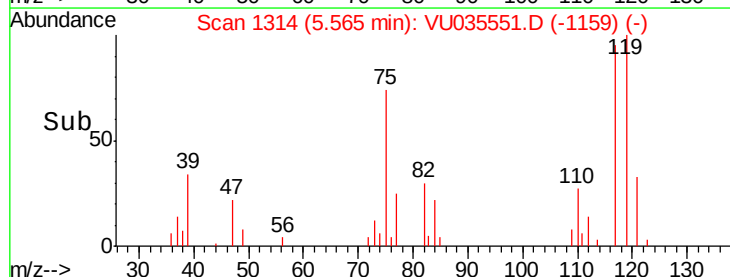
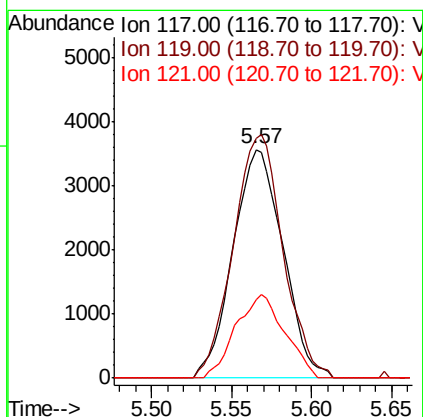
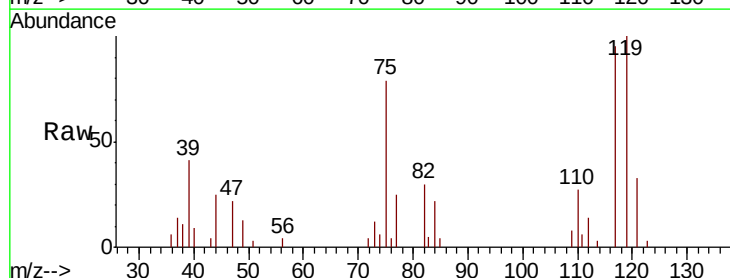
Tgt Ion: 117 Resp: 7616

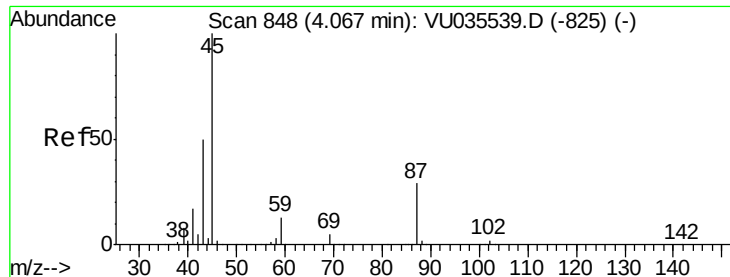
Ion Ratio Lower Upper

117 100

119 105.1 77.3 115.9

121 34.5 25.2 37.8





#31

Isopropyl Ether

Concen: 0.287 ug/l

RT: 4.06 min Scan# 847

Delta R.T. -0.00 min

Lab File: VU035551.D

Acq: 30 Oct 2019 10:33

Instrument :

MSVOA_U

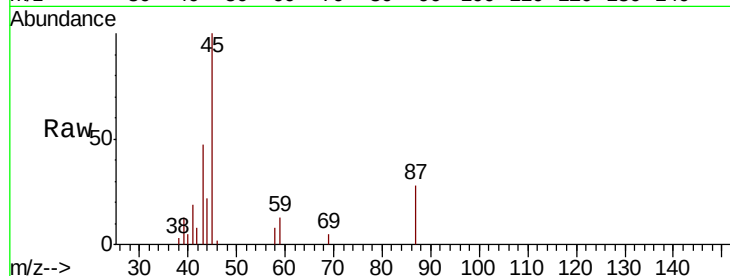
ClientSampled :

Tot Ion: 45 Resp: 14227

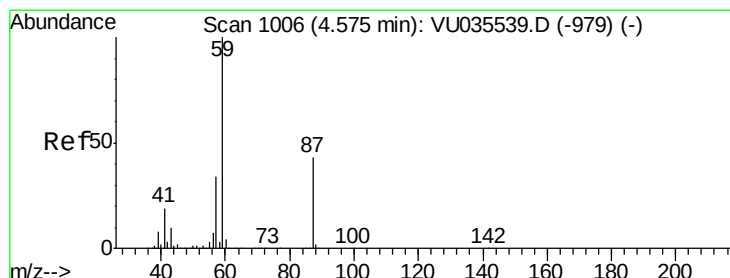
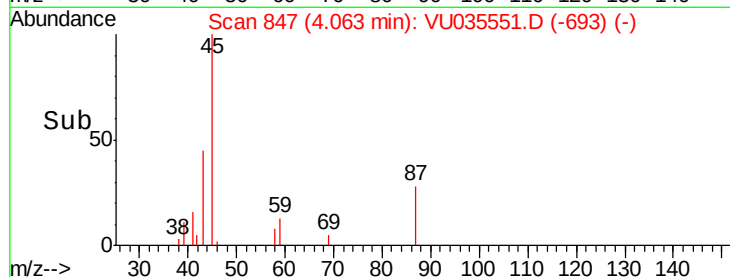
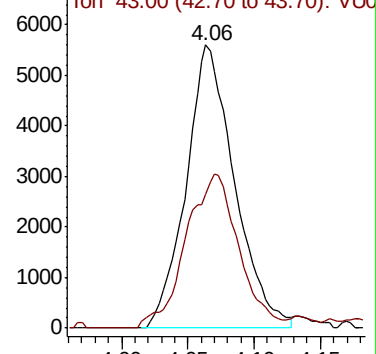
Ion Ratio Lower Upper

45 100

43 59.3 25.3 75.8



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



#32

Ethyl-t-butyl ether

Concen: 0.278 ug/l

RT: 4.57 min Scan# 1004

Delta R.T. -0.01 min

Lab File: VU035551.D

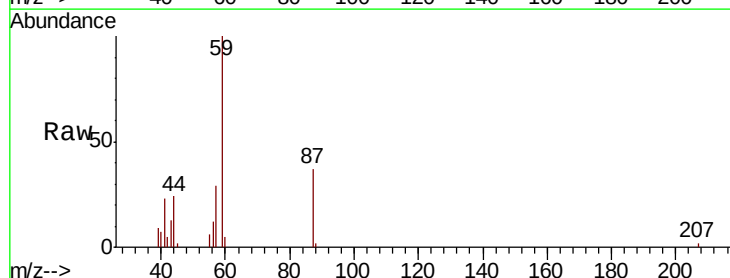
Acq: 30 Oct 2019 10:33

Tgt Ion: 59 Resp: 12749

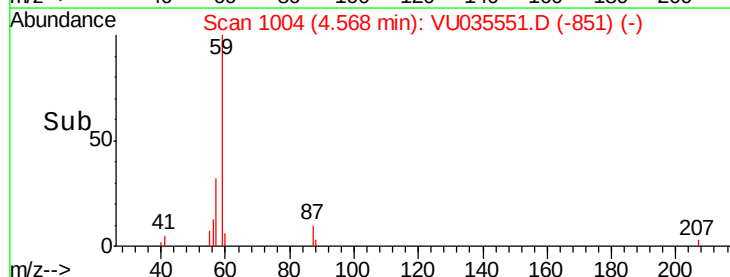
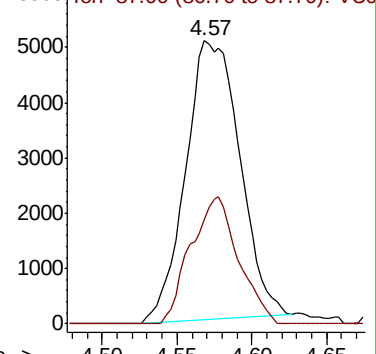
Ion Ratio Lower Upper

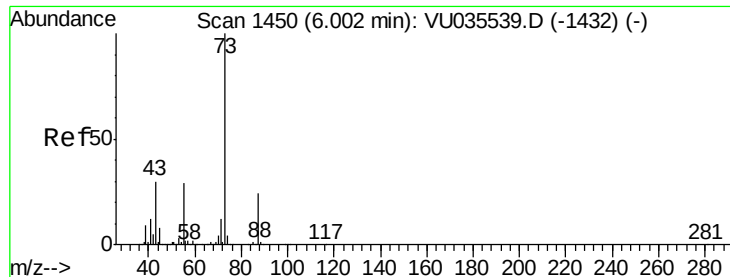
59 100

87 40.2 33.9 50.9



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



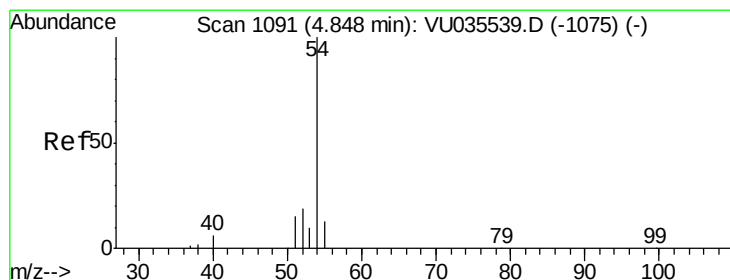
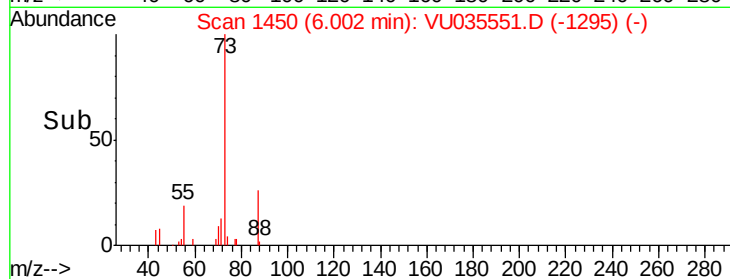
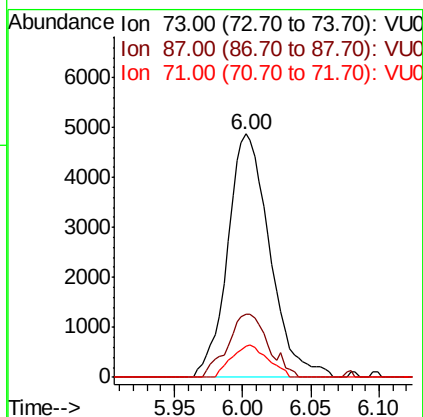
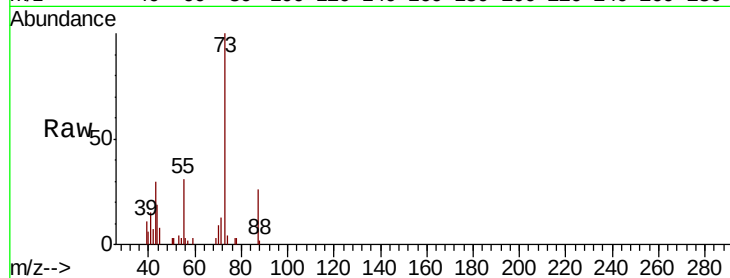


#33

Tert-Butyl methyl ether
 Concen: 0.265 ug/l
 RT: 6.00 min Scan# 1450
 Delta R.T. -0.00 min
 Lab File: VU035551.D
 Acq: 30 Oct 2019 10:33

Instrument :
 MSVOA_U
 ClientSampleId :

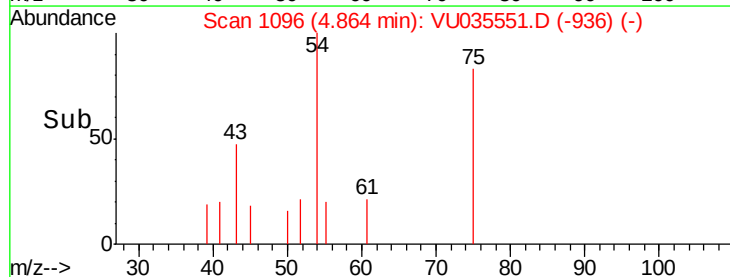
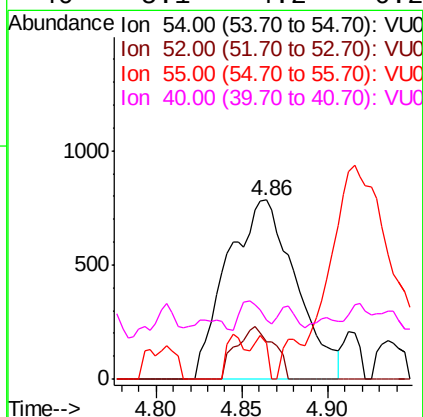
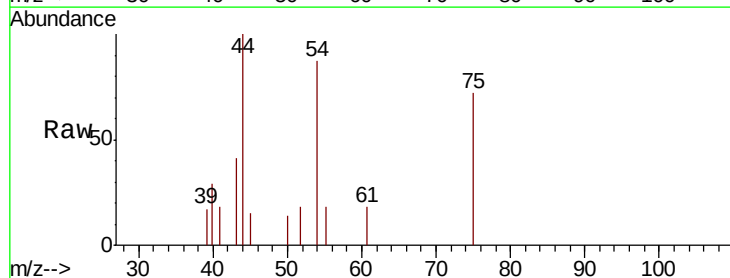
Tot Ion	Ratio	Lower	Upper
73	100		
87	24.9	19.5	29.3
71	11.4	9.4	14.2

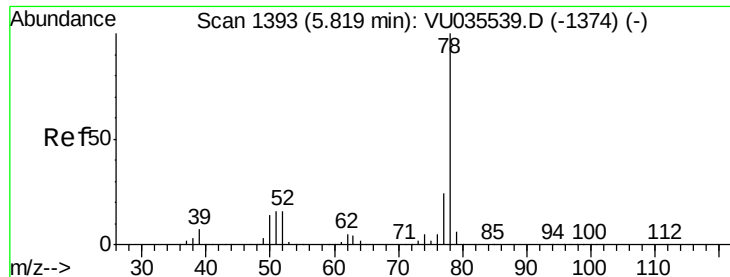


#34

Propionitrile
 Concen: 1.385 ug/l
 RT: 4.86 min Scan# 1096
 Delta R.T. 0.02 min
 Lab File: VU035551.D
 Acq: 30 Oct 2019 10:33

Tgt Ion	Ratio	Lower	Upper
54	100		
52	15.8	14.6	21.8
55	4.4	11.7	17.5
40	5.1	4.2	6.2





#35

Benzene

Concen: 0.285 ug/l

RT: 5.82 min Scan# 1394

Delta R.T. 0.00 min

Lab File: VU035551.D

Acq: 30 Oct 2019 10:33

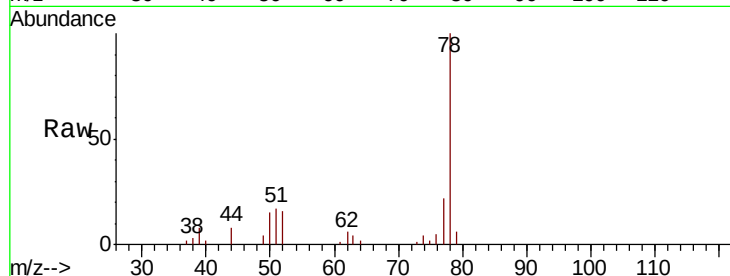
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 78 Resp: 21916

Ion Ratio Lower Upper

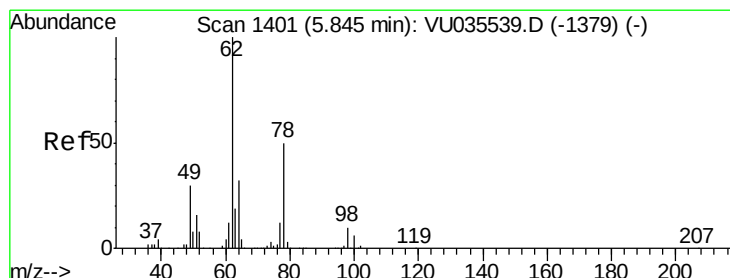
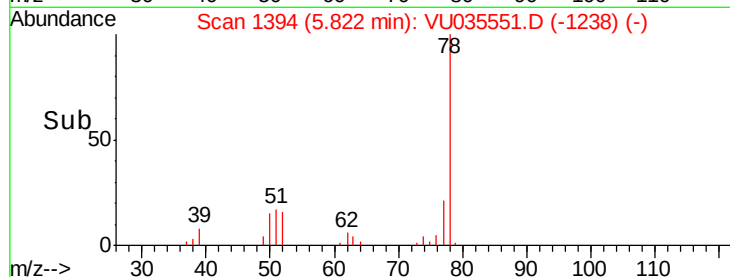
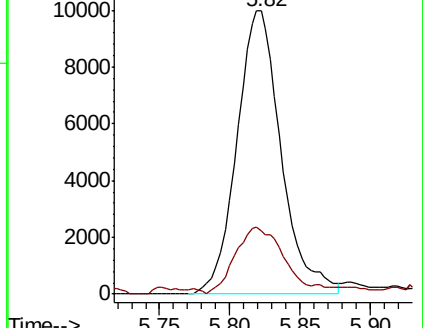
78 100

77 20.6 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) (-)



#36

1,2-Dichloroethane

Concen: 0.305 ug/l

RT: 5.84 min Scan# 1400

Delta R.T. -0.00 min

Lab File: VU035551.D

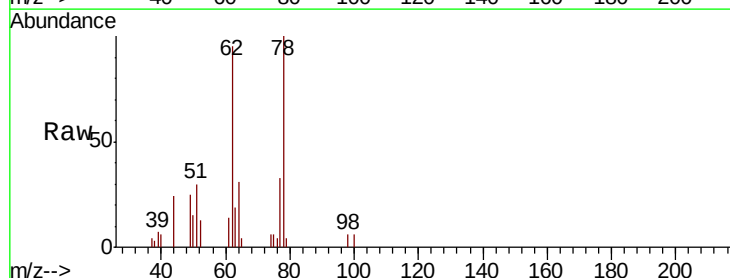
Acq: 30 Oct 2019 10:33

Tgt Ion: 62 Resp: 6720

Ion Ratio Lower Upper

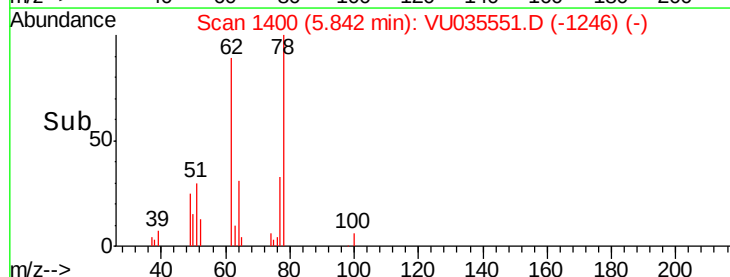
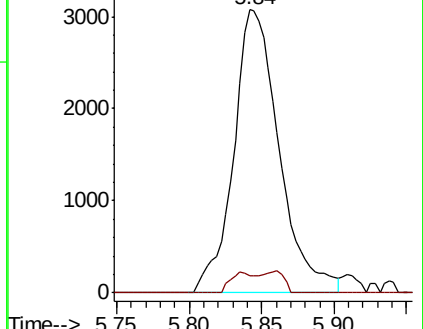
62 100

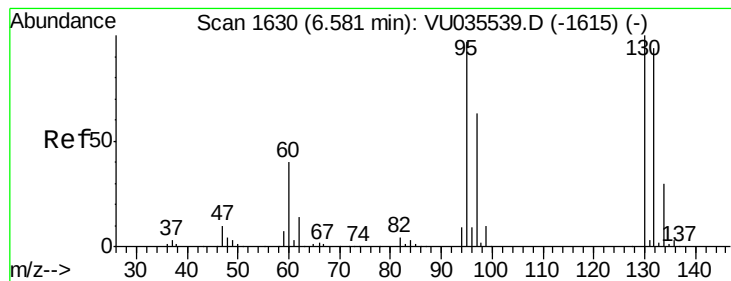
98 3.6 7.5 11.3#



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

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





#37

Trichloroethene

Concen: 0.283 ug/l

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU035551.D

Acq: 30 Oct 2019 10:33

Instrument :

MSVOA_U

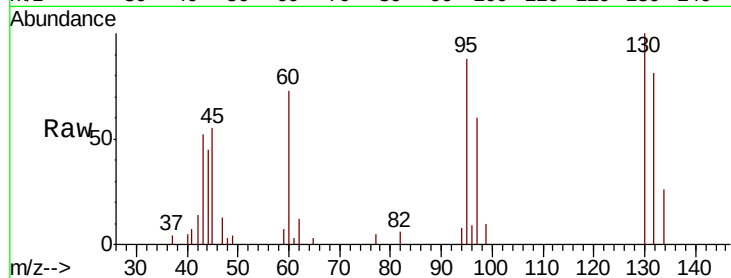
ClientSampleId :

Tot Ion:130 Resp: 6045

Ion Ratio Lower Upper

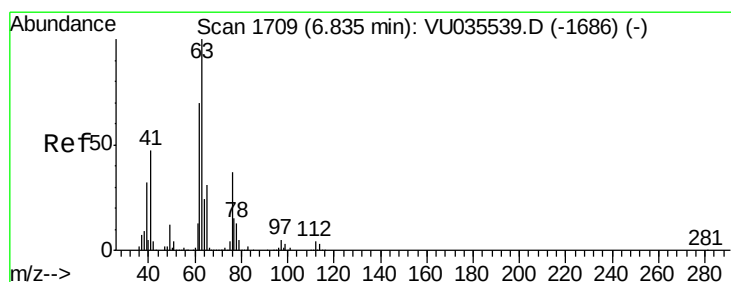
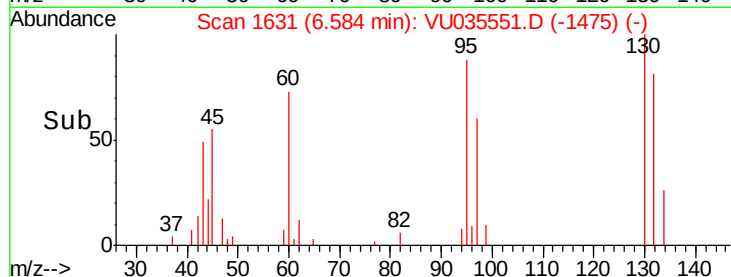
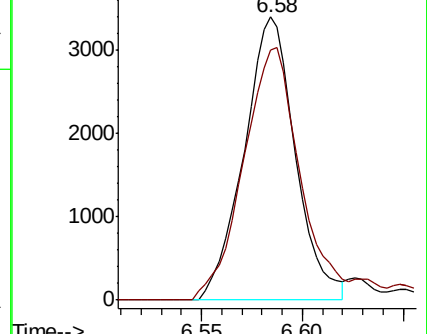
130 100

95 88.4 77.5 116.3



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VU0



#38

1,2-Dichloropropane

Concen: 0.298 ug/l

RT: 6.84 min Scan# 1710

Delta R.T. 0.00 min

Lab File: VU035551.D

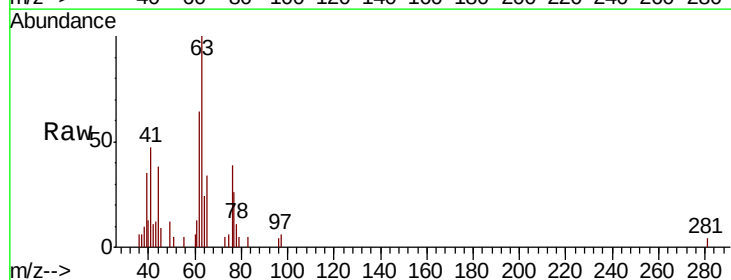
Acq: 30 Oct 2019 10:33

Tgt Ion: 63 Resp: 6266

Ion Ratio Lower Upper

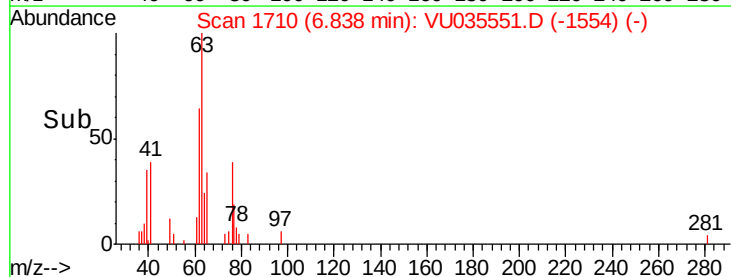
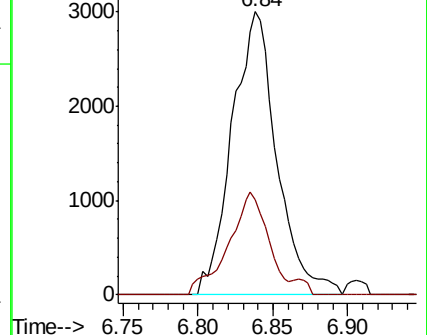
63 100

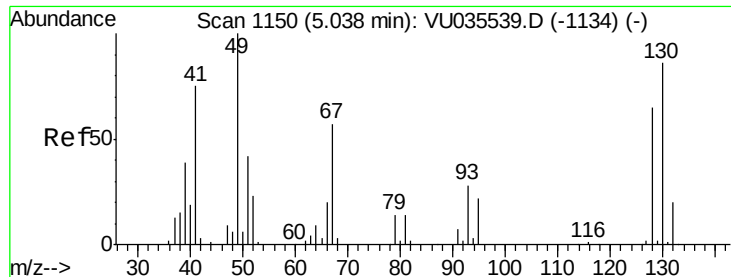
65 33.6 25.0 37.6



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 65.00 (64.70 to 65.70): VU0

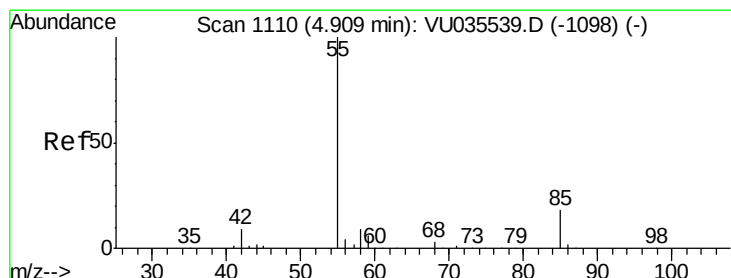
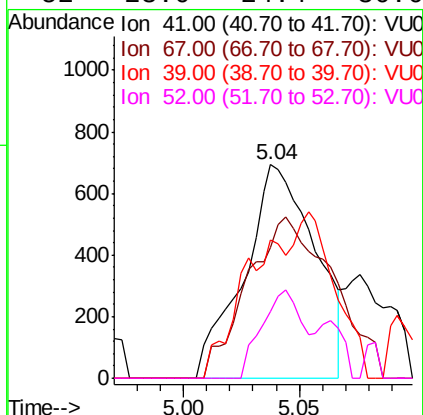
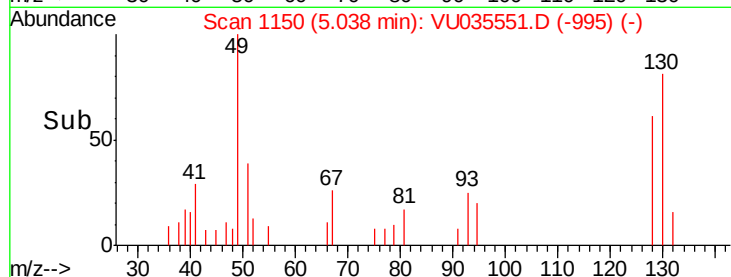
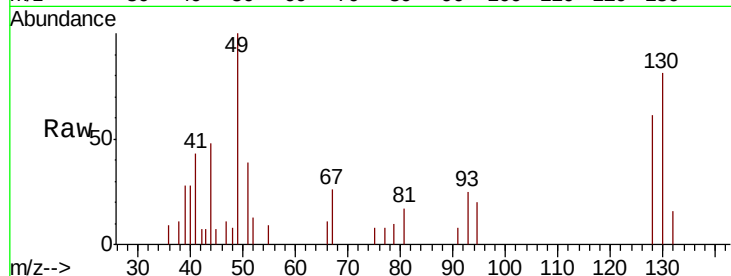




#39
Methacrylonitrile
Concen: 0.250 ug/l
RT: 5.04 min Scan# 1150
Delta R.T. -0.00 min
Lab File: VU035551.D
Acq: 30 Oct 2019 10:33

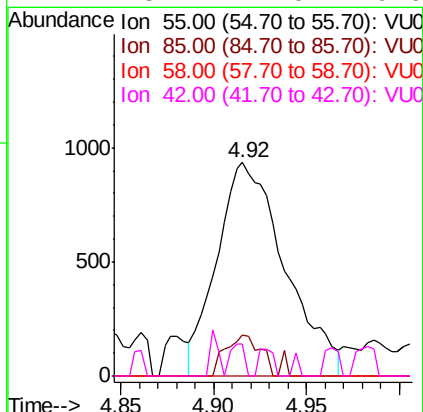
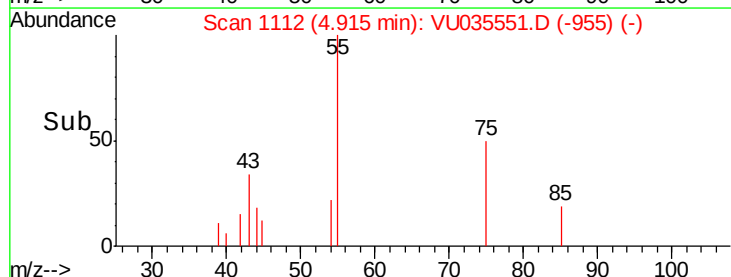
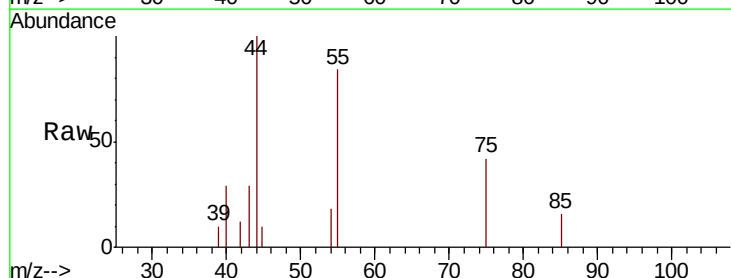
Instrument :
MSVOA_U
ClientSampleId :

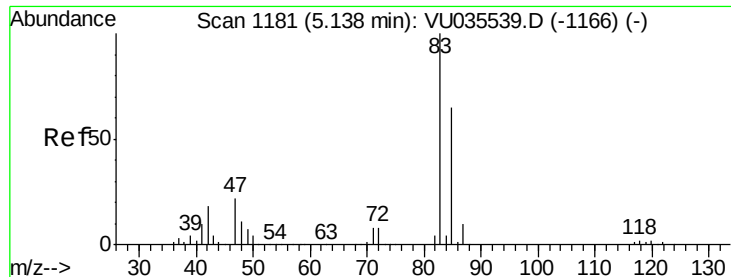
Tot Ion: 41 Resp: 1480
Ion Ratio Lower Upper
41 100
67 90.1 61.5 92.3
39 42.7 41.3 61.9
52 23.0 24.4 36.6#



#40
Methyl acrylate
Concen: 0.265 ug/l
RT: 4.92 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VU035551.D
Acq: 30 Oct 2019 10:33

Tgt Ion: 55 Resp: 2385
Ion Ratio Lower Upper
55 100
85 0.0 13.5 20.3#
58 0.0 6.6 10.0#
42 3.2 7.0 10.6#

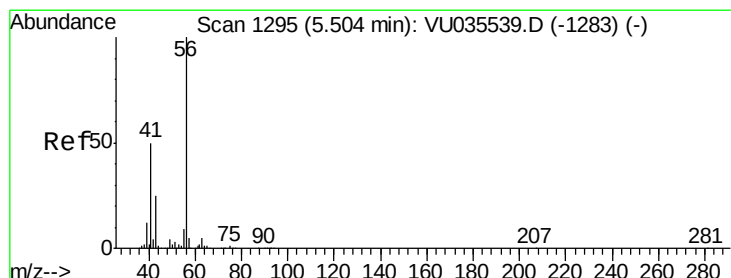
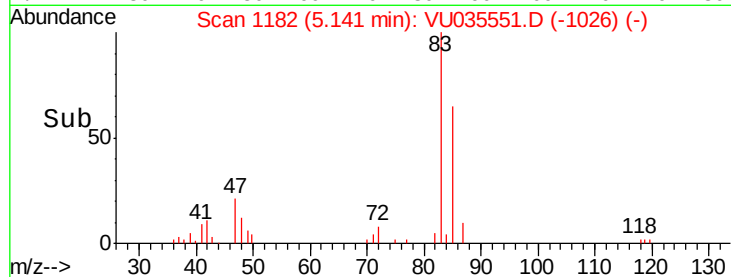
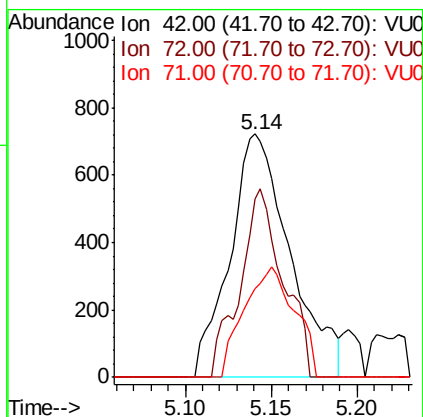
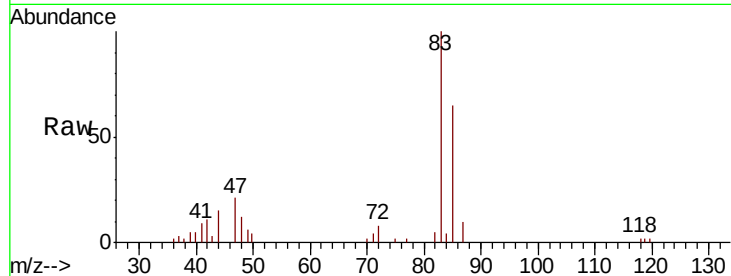




#41
Tetrahydrofuran
Concen: 0.581 ug/l
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035551.D
Acq: 30 Oct 2019 10:33

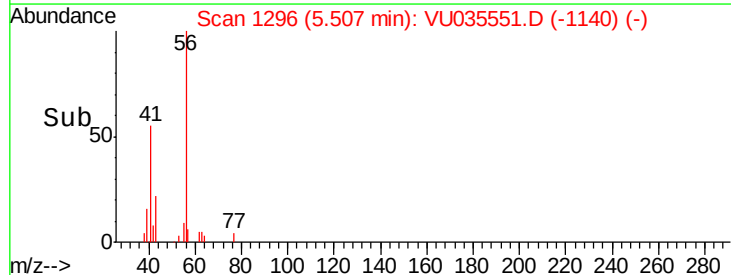
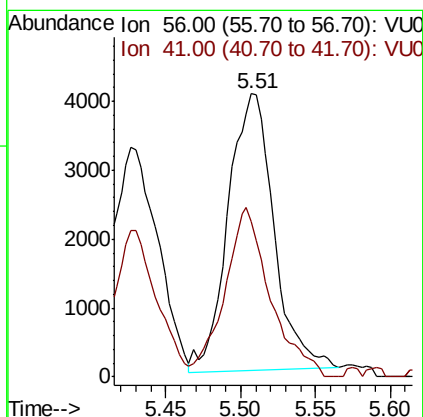
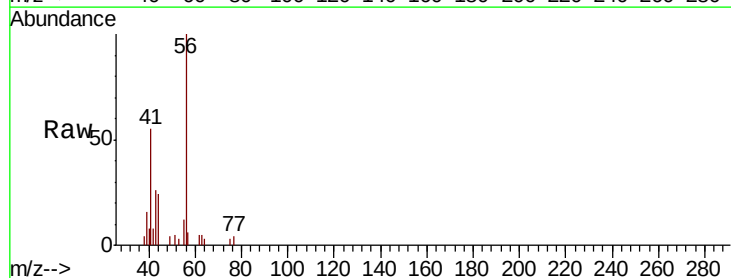
Instrument :
MSVOA_U
ClientSampleId :

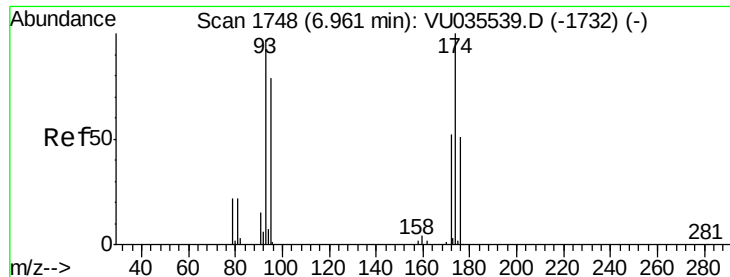
Tot Ion: 42 Resp: 1765
Ion Ratio Lower Upper
42 100
72 55.0 89.9 134.9#
71 37.9 3.7 5.5#



#42
1-Chlorobutane
Concen: 0.246 ug/l
RT: 5.51 min Scan# 1296
Delta R.T. 0.00 min
Lab File: VU035551.D
Acq: 30 Oct 2019 10:33

Tgt Ion: 56 Resp: 8517
Ion Ratio Lower Upper
56 100
41 61.1 25.5 76.5





#43

Dibromomethane

Concen: 0.315 ug/l

RT: 6.96 min Scan# 1748

Delta R.T. -0.00 min

Lab File: VU035551.D

Acq: 30 Oct 2019 10:33

Instrument :
MSVOA_U
ClientSampleId :

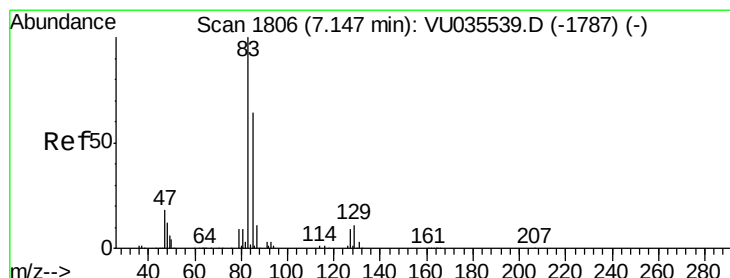
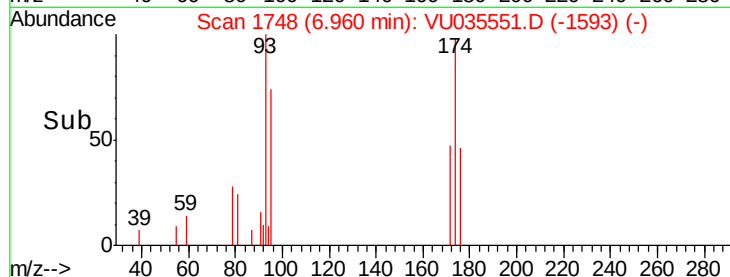
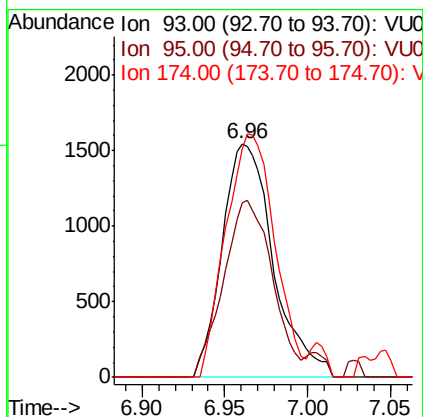
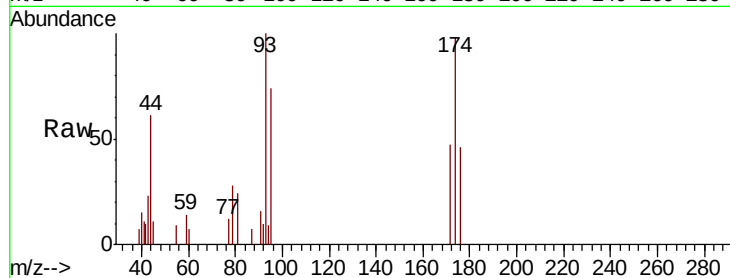
Tot Ion: 93 Resp: 3315

Ion Ratio Lower Upper

93 100

95 72.0 65.1 97.7

174 100.5 84.2 126.4



#44

Bromodichloromethane

Concen: 0.303 ug/l

RT: 7.15 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VU035551.D

Acq: 30 Oct 2019 10:33

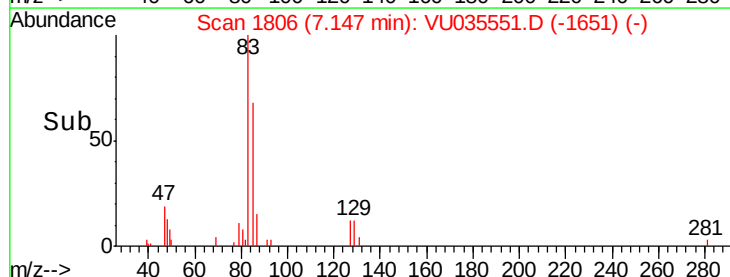
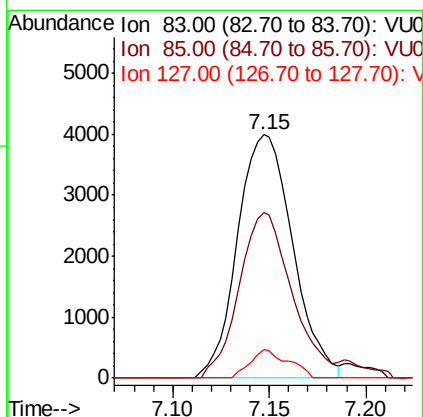
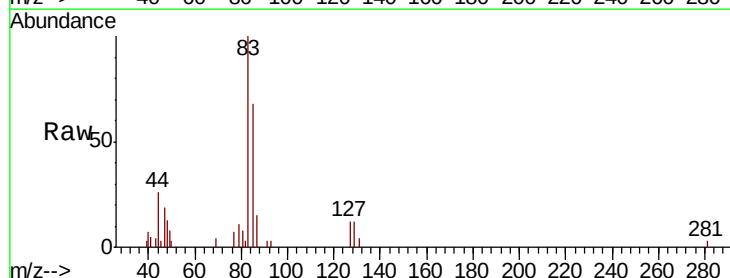
Tgt Ion: 83 Resp: 7934

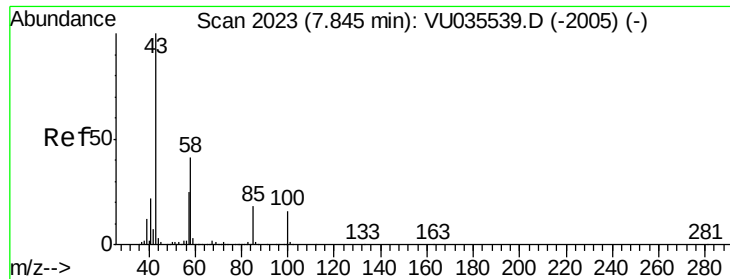
Ion Ratio Lower Upper

83 100

85 67.7 51.6 77.4

127 11.9 7.0 10.4#

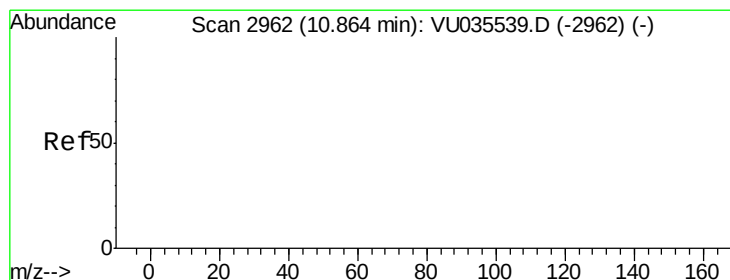
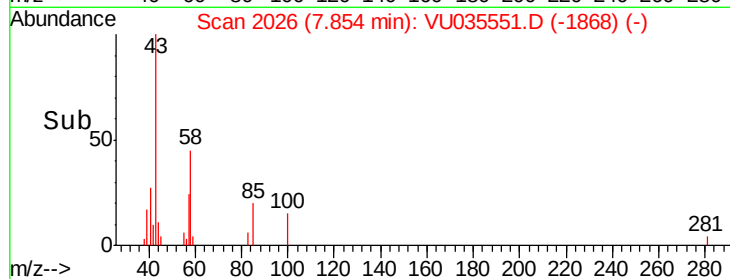
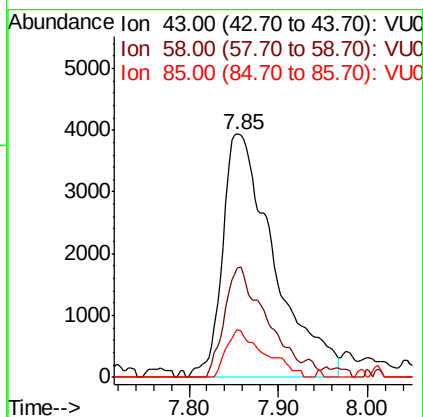
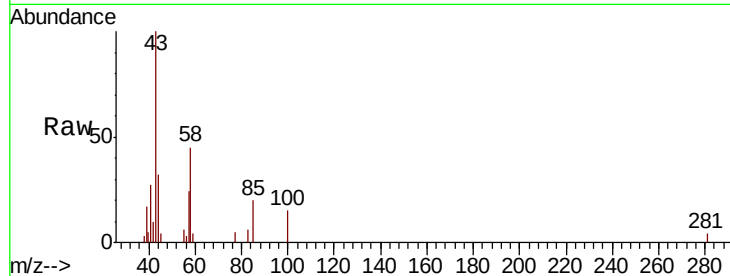




#45
4-Methyl-2-Pentanone
Concen: 1.404 ug/l
RT: 7.85 min Scan# 2026
Delta R.T. 0.01 min
Lab File: VU035551.D
Acq: 30 Oct 2019 10:33

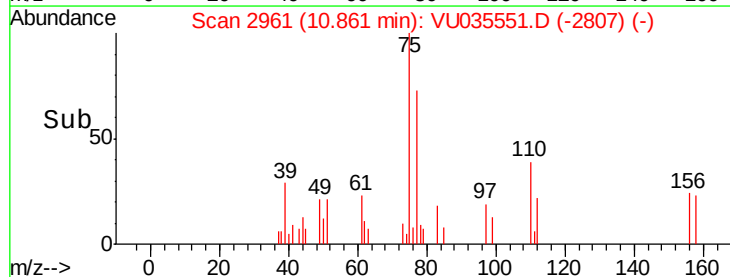
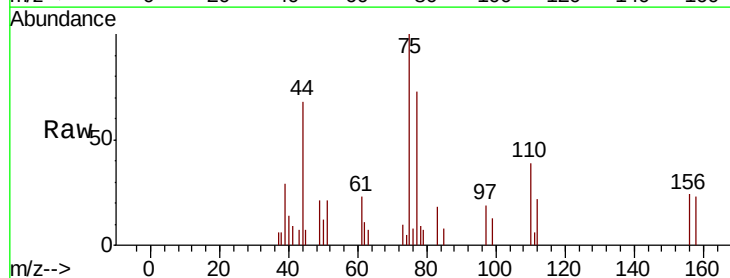
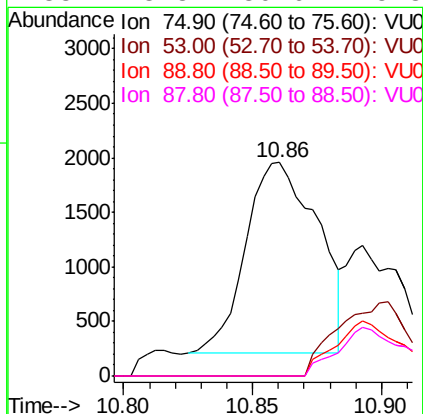
Instrument :
MSVOA_U
ClientSampled :

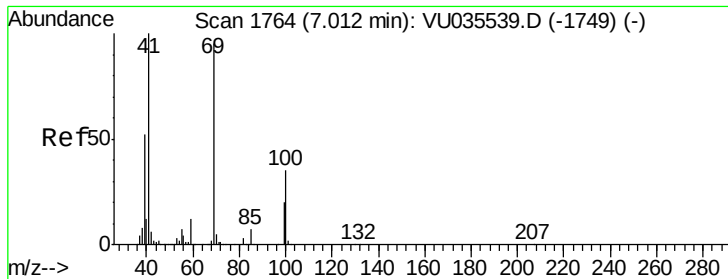
Tot Ion	43	Resp	15750
Ion Ratio	Lower	Upper	
43	100		
58	36.7	20.6	61.8
85	14.6	14.5	21.7



#46
t-1,4-Dichloro-2-butene
Concen: 0.834 ug/l
RT: 10.86 min Scan# 2961
Delta R.T. -0.00 min
Lab File: VU035551.D
Acq: 30 Oct 2019 10:33

Tgt Ion	75	Resp	3401
Ion Ratio	Lower	Upper	
75	100		
53	37.8	54.1	81.1#
89	25.1	38.2	57.4#
88	23.8	30.6	45.8#





#47

Methvl methacrylate

Concen: 0.388 ug/l

RT: 7.02 min Scan# 1765

Delta R.T. 0.00 min

Lab File: VU035551.D

Acq: 30 Oct 2019 10:33

Instrument :

MSVOA_U

ClientSampled :

Tot Ion: 69 Resp: 3384

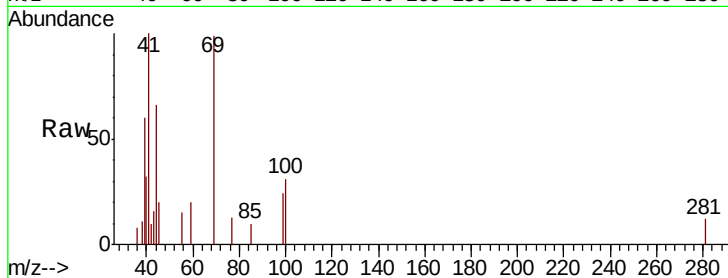
Ion Ratio Lower Upper

69 100

41 127.6 0.0 216.8

39 71.8 45.1 67.7#

100 38.9 29.8 44.6

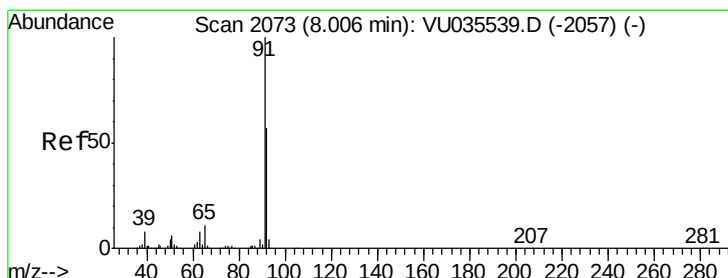
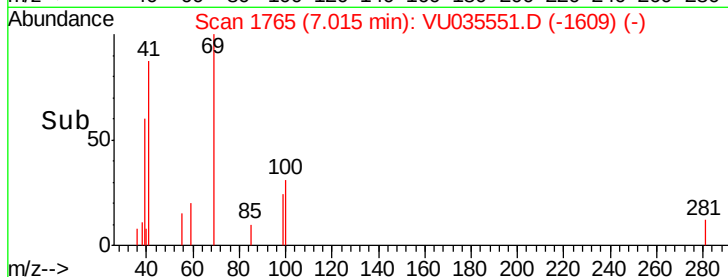
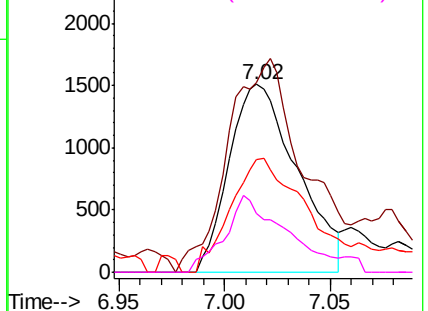


Abundance Ion 69.00 (68.70 to 69.70): VU0

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



#49

Toluene

Concen: 0.234 ug/l

RT: 8.01 min Scan# 2073

Delta R.T. -0.00 min

Lab File: VU035551.D

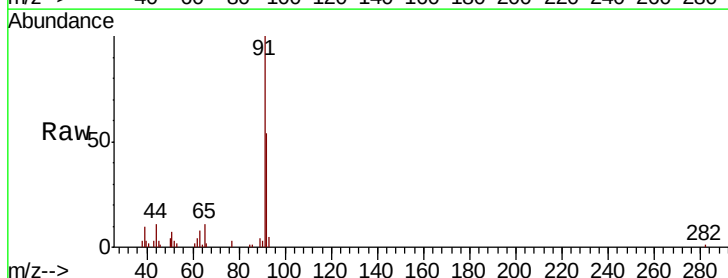
Acq: 30 Oct 2019 10:33

Tgt Ion: 92 Resp: 10316

Ion Ratio Lower Upper

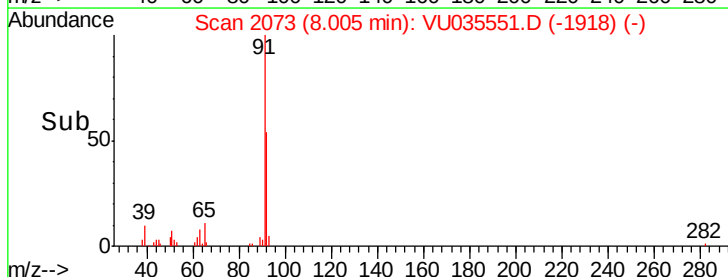
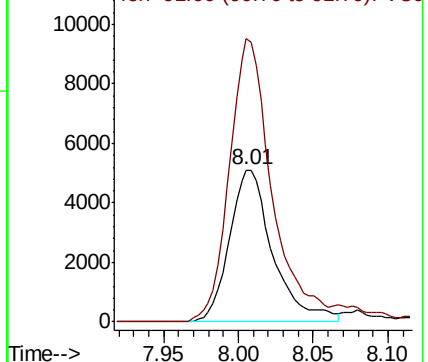
92 100

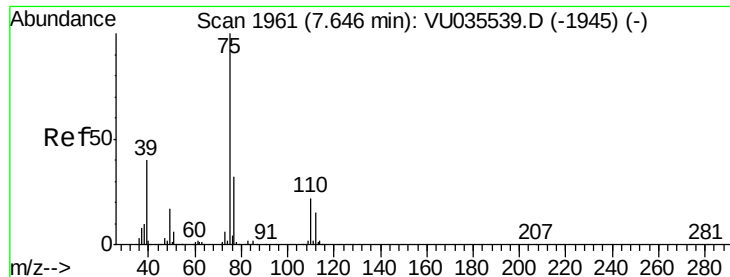
91 182.3 141.4 212.0



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



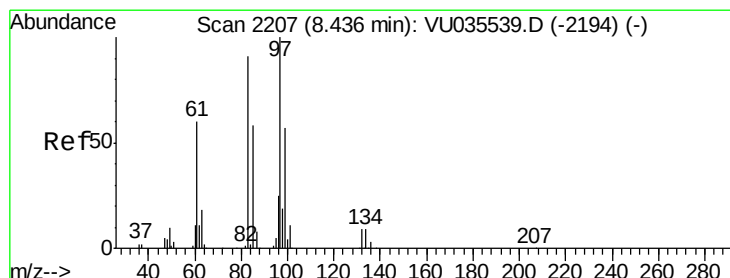
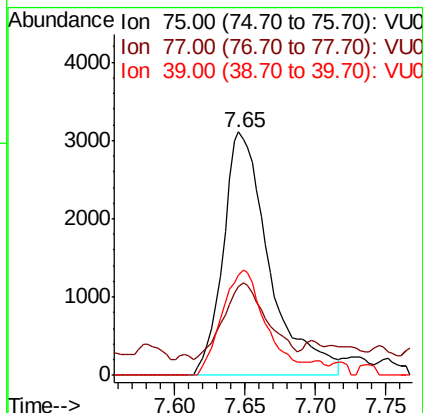
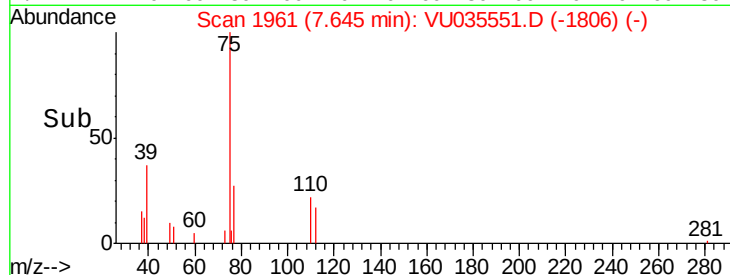
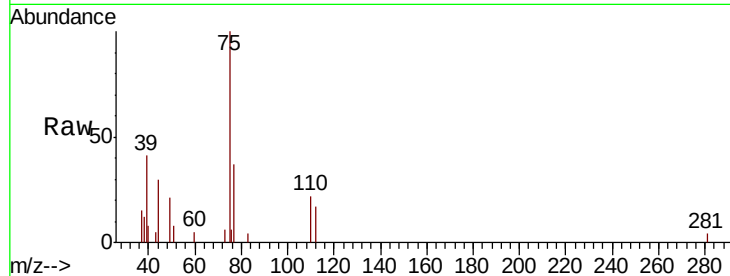


#51

cis-1,3-Dichloropropene
Concen: 0.258 ug/l
RT: 7.65 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VU035551.D
Acq: 30 Oct 2019 10:33

Instrument :
MSVOA_U
ClientSampleId :

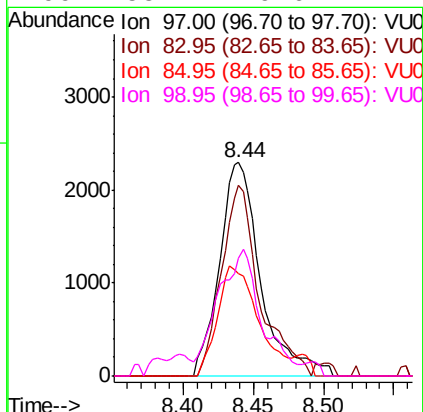
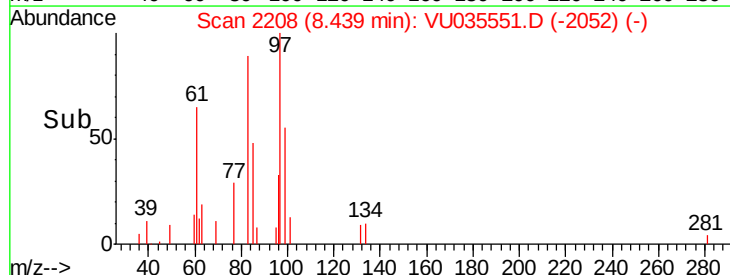
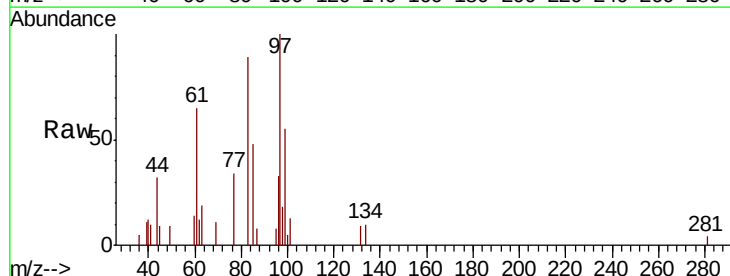
Tot Ion	Ratio	Lower	Upper
75	100		
77	28.6	25.2	37.8
39	41.2	32.1	48.1

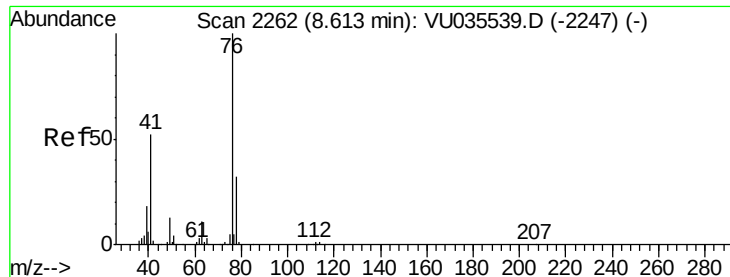


#52

1,1,2-Trichloroethane
Concen: 0.318 ug/l
RT: 8.44 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VU035551.D
Acq: 30 Oct 2019 10:33

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.1	72.6	108.8
85	47.8	46.4	69.6
99	55.4	49.6	74.4

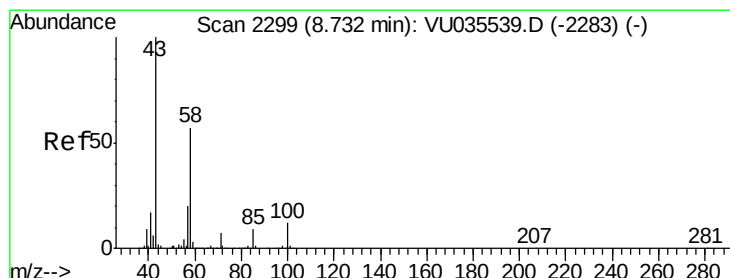
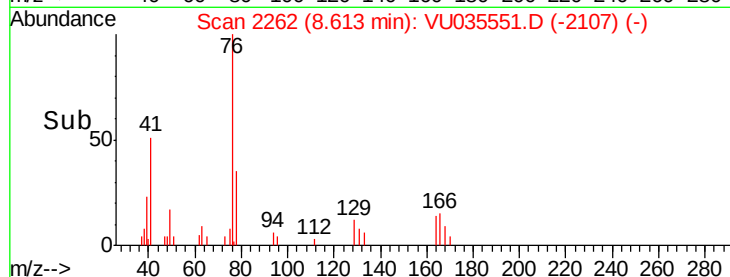
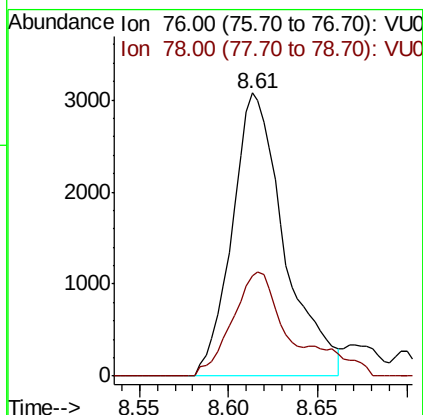
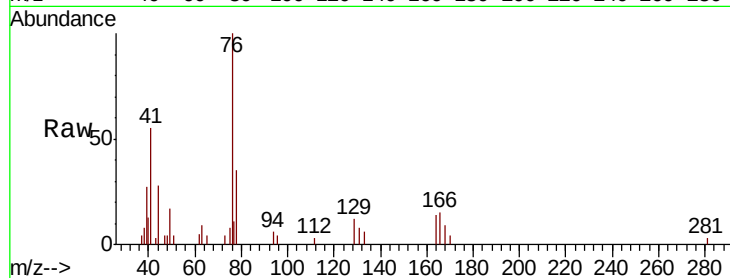




#53
 1,3-Dichloropropane
 Concen: 0.251 ug/l
 RT: 8.61 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: VU035551.D
 Acq: 30 Oct 2019 10:33

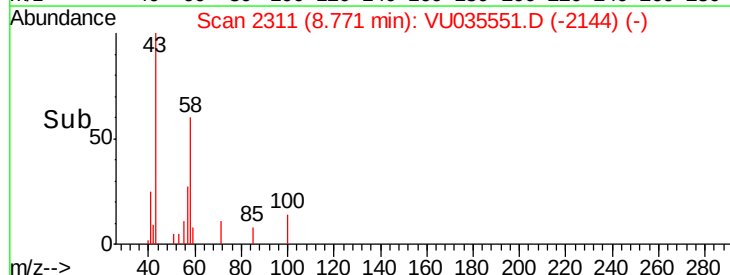
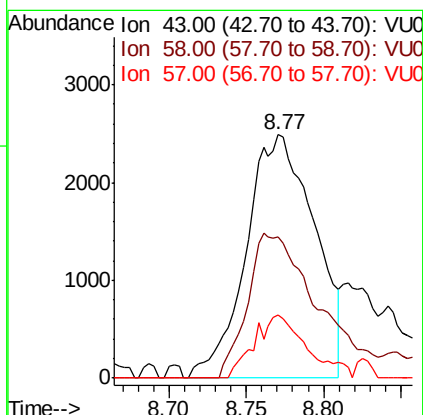
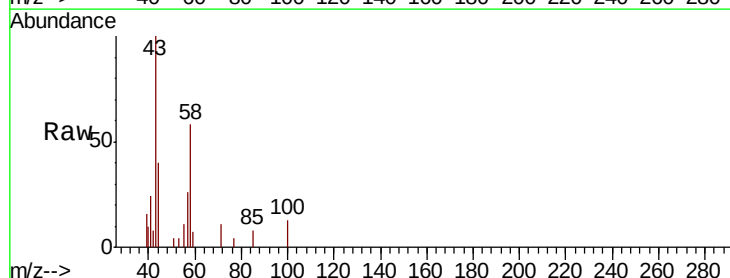
Instrument :
 MSVOA_U
 ClientSampled :

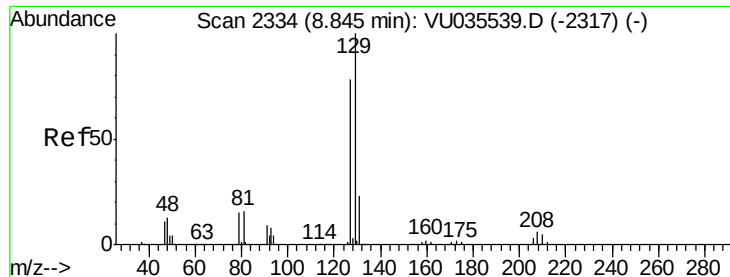
Tot Ion: 76 Resp: 6272
 Ion Ratio Lower Upper
 76 100
 78 34.0 25.6 38.4



#54
 2-Hexanone
 Concen: 0.962 ug/l
 RT: 8.77 min Scan# 2311
 Delta R.T. 0.04 min
 Lab File: VU035551.D
 Acq: 30 Oct 2019 10:33

Tgt Ion: 43 Resp: 7669
 Ion Ratio Lower Upper
 43 100
 58 61.0 37.2 77.2
 57 19.8 0.0 39.1





#55

Dibromochloromethane

Concen: 0.310 ug/l

RT: 8.84 min Scan# 2334

Delta R.T. -0.00 min

Lab File: VU035551.D

Acq: 30 Oct 2019 10:33

Instrument :

MSVOA_U

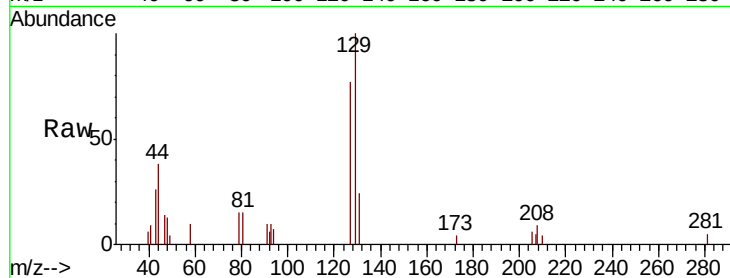
ClientSampleId :

Tot Ion:129 Resp: 5579

Ion Ratio Lower Upper

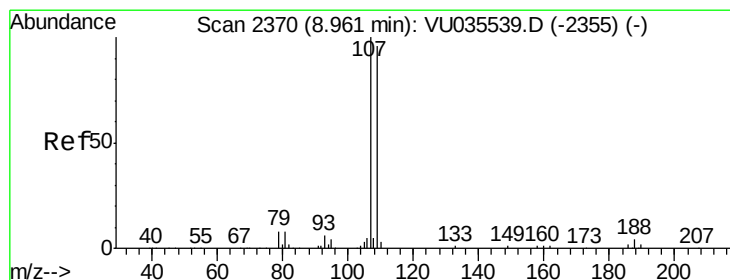
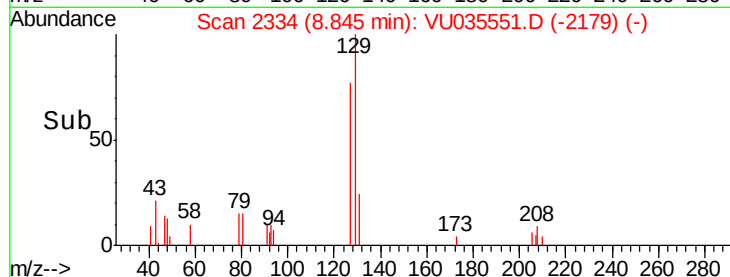
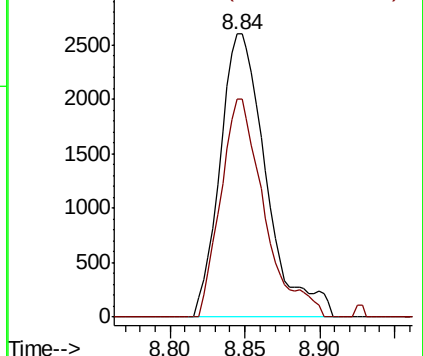
129 100

127 72.6 62.3 93.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 0.281 ug/l

RT: 8.96 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VU035551.D

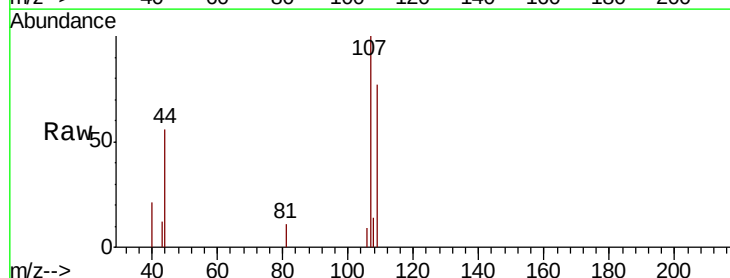
Acq: 30 Oct 2019 10:33

Tgt Ion:107 Resp: 3783

Ion Ratio Lower Upper

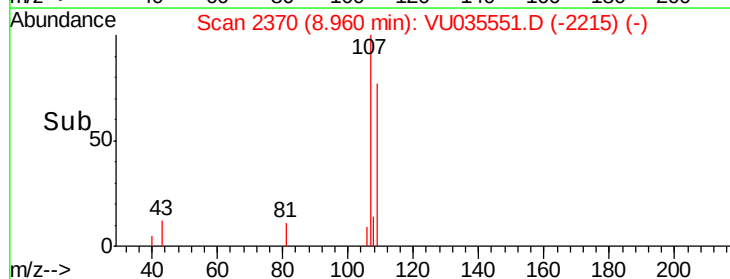
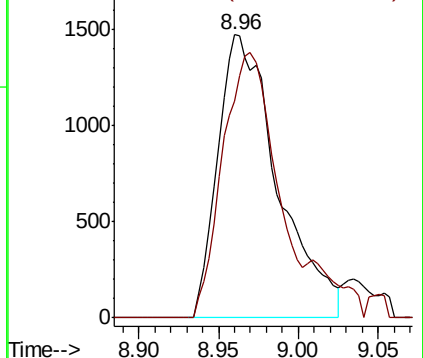
107 100

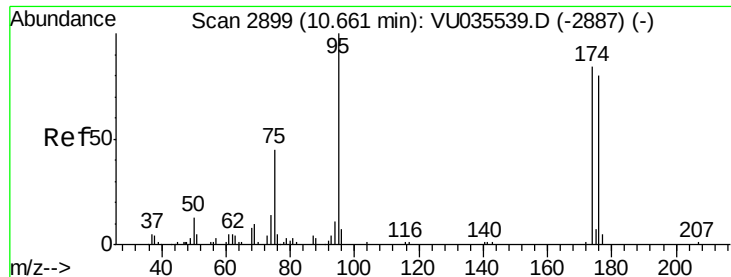
109 81.9 0.0 191.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

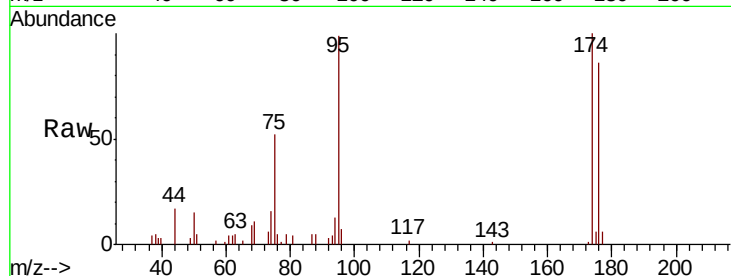




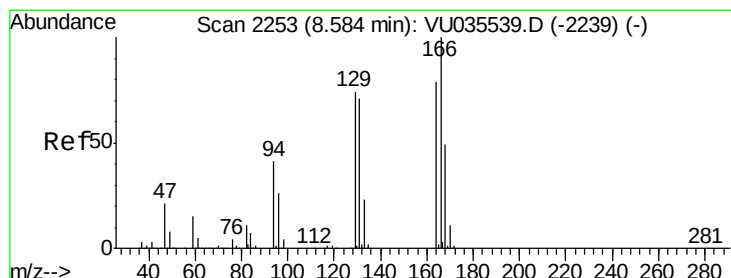
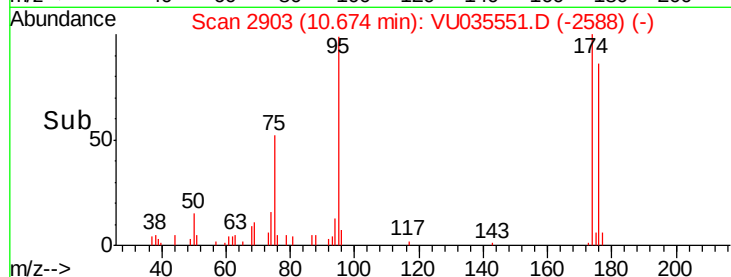
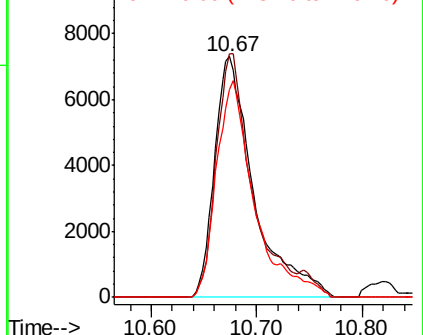
#57
4-Bromofluorobenzene
Concen: 0.845 ug/l
RT: 10.67 min Scan# 2903
Delta R.T. 0.01 min
Lab File: VU035551.D
Acq: 30 Oct 2019 10:33

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 95 Resp: 19042
Ion Ratio Lower Upper
95 100
174 90.9 70.2 105.4
176 86.1 67.7 101.5

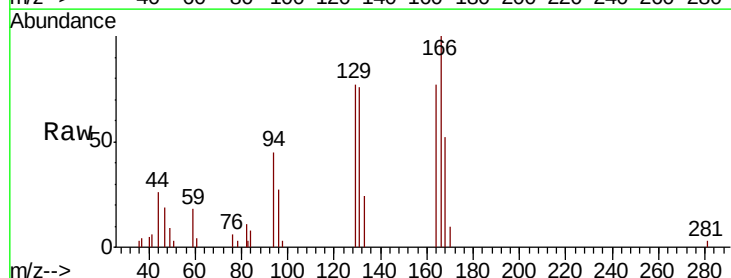


Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V

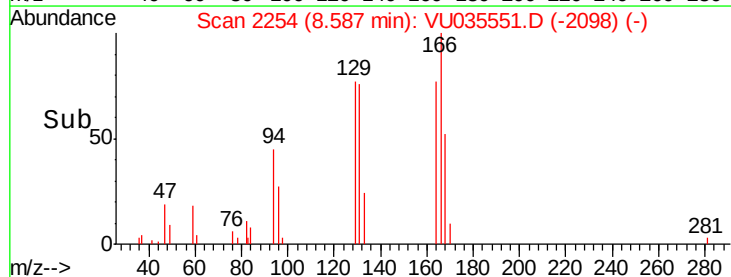
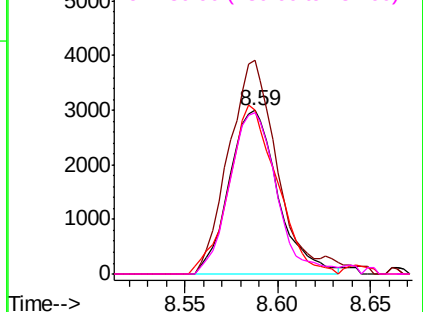


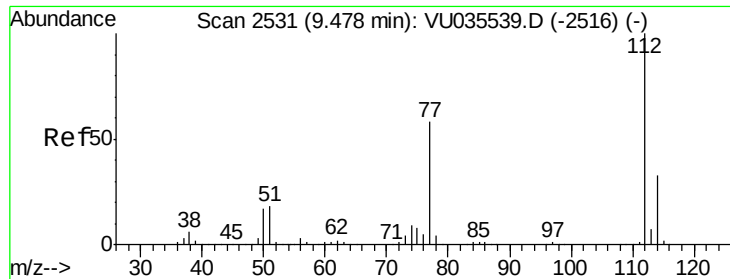
#58
Tetrachloroethene
Concen: 0.280 ug/l
RT: 8.59 min Scan# 2254
Delta R.T. 0.00 min
Lab File: VU035551.D
Acq: 30 Oct 2019 10:33

Tgt Ion: 164 Resp: 5482
Ion Ratio Lower Upper
164 100
166 130.6 100.6 151.0
129 100.4 74.1 111.1
131 98.8 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: 0.265 ug/l

RT: 9.48 min Scan# 2533

Delta R.T. 0.01 min

Lab File: VU035551.D

Acq: 30 Oct 2019 10:33

Instrument :

MSVOA_U

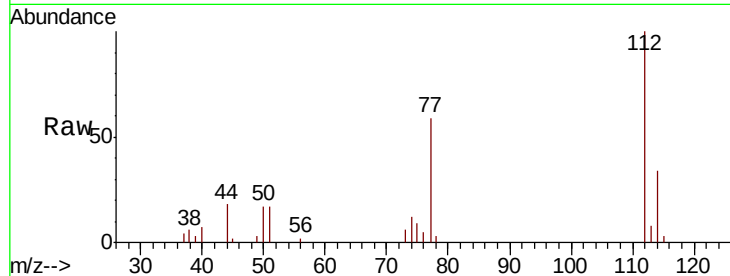
ClientSampleId :

Tot Ion:112 Resp: 13486

Ion Ratio Lower Upper

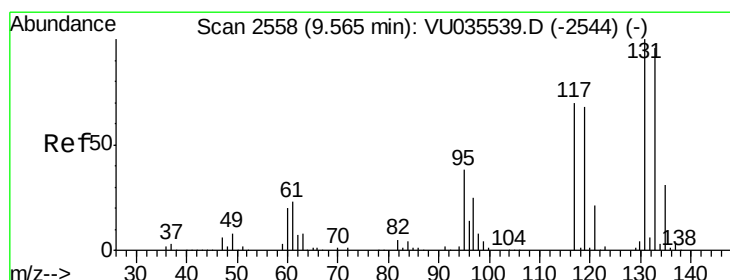
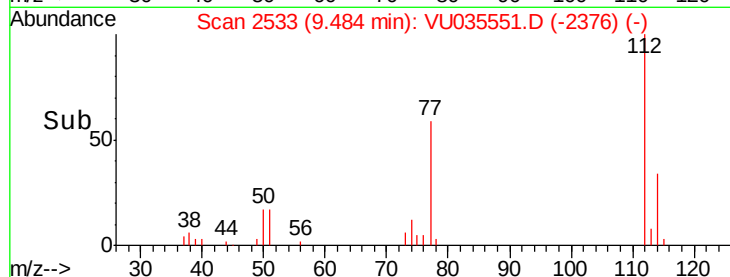
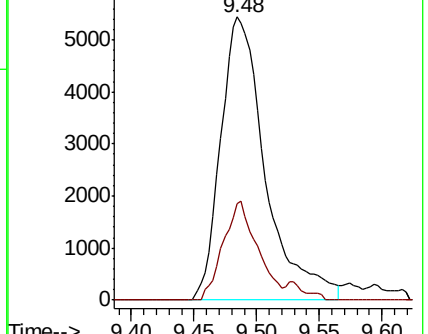
112 100

114 34.3 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#60

1,1,1,2-Tetrachloroethane

Concen: 0.296 ug/l

RT: 9.57 min Scan# 2559

Delta R.T. 0.00 min

Lab File: VU035551.D

Acq: 30 Oct 2019 10:33

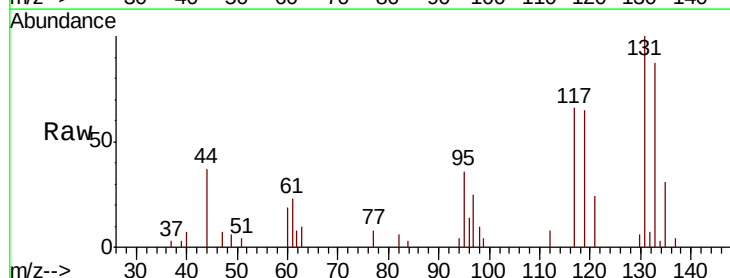
Tgt Ion:131 Resp: 5788

Ion Ratio Lower Upper

131 100

133 93.1 76.9 115.3

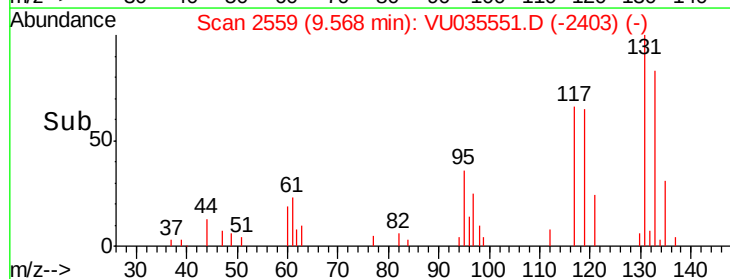
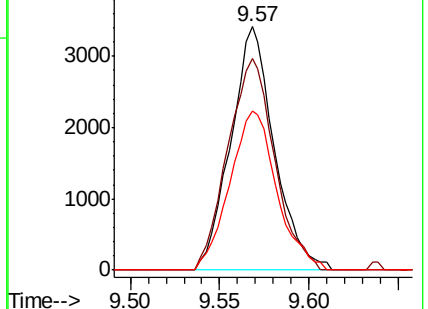
119 70.6 53.6 80.4

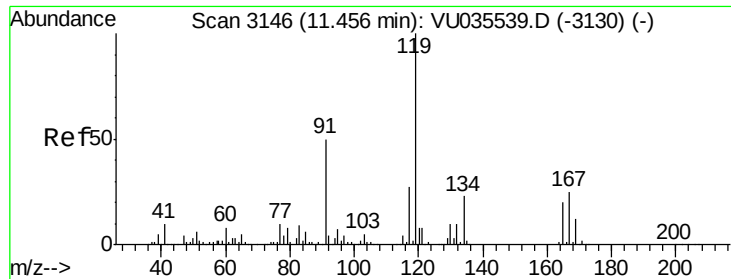


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

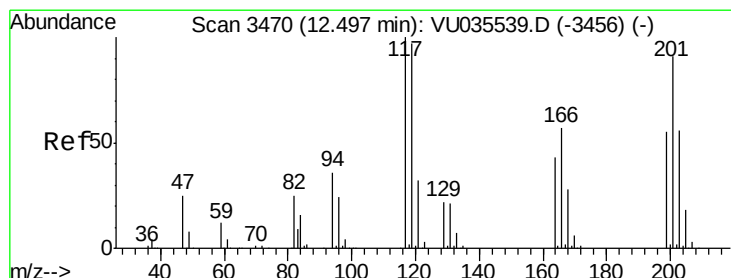
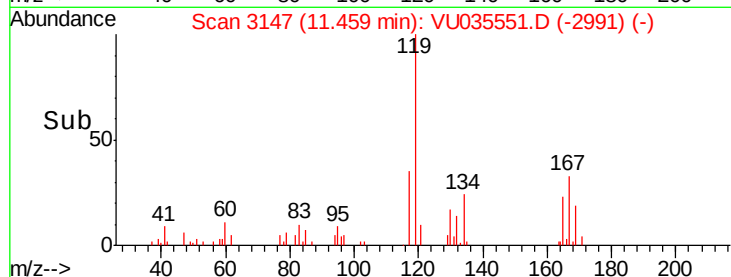
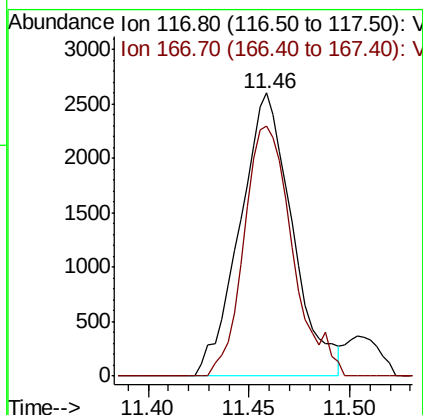
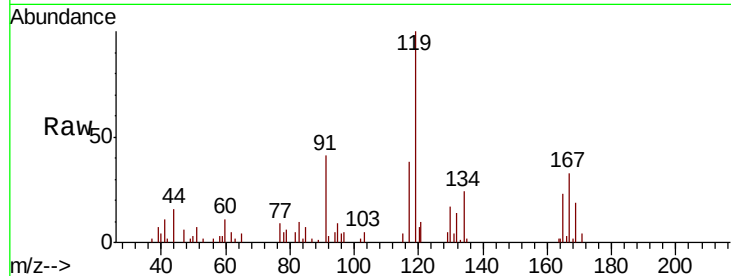




#61
 Pentachloroethane
 Concen: 0.297 ug/l
 RT: 11.46 min Scan# 3147
 Delta R.T. 0.00 min
 Lab File: VU035551.D
 Acq: 30 Oct 2019 10:33

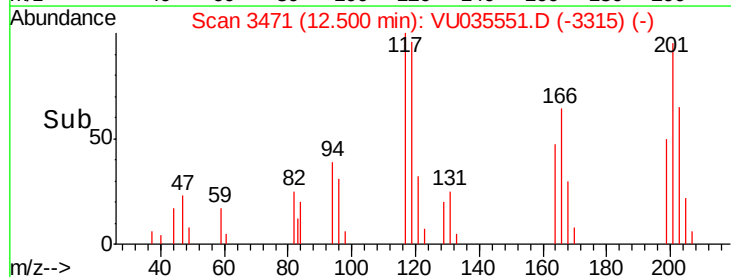
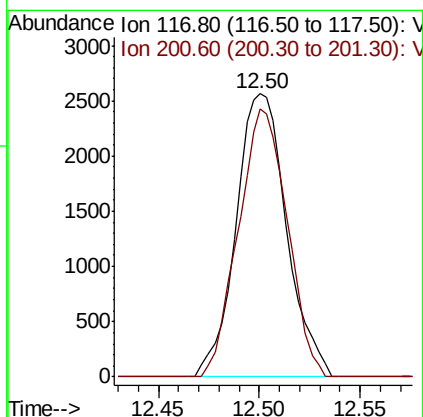
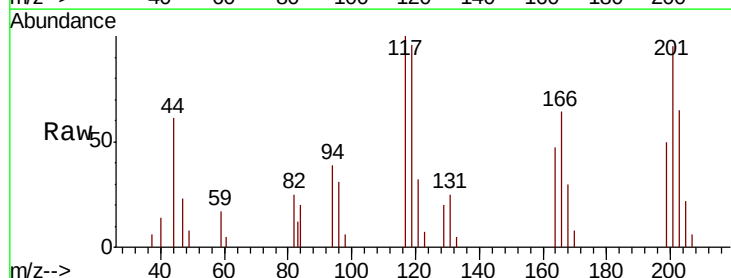
Instrument :
 MSVOA_U
 ClientSampled :

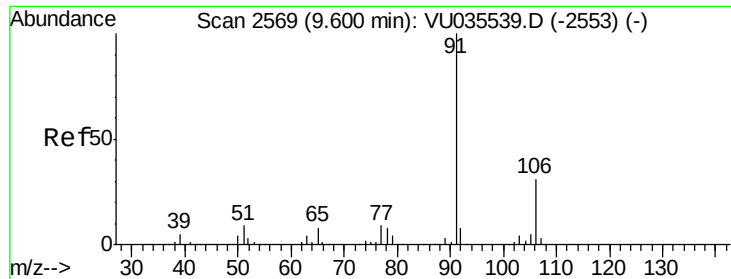
Tot Ion:117 Resp: 4741
 Ion Ratio Lower Upper
 117 100
 167 81.5 69.8 104.6



#62
 Hexachloroethane
 Concen: 0.308 ug/l
 RT: 12.50 min Scan# 3471
 Delta R.T. 0.00 min
 Lab File: VU035551.D
 Acq: 30 Oct 2019 10:33

Tgt Ion:117 Resp: 4494
 Ion Ratio Lower Upper
 117 100
 201 91.5 71.8 107.8

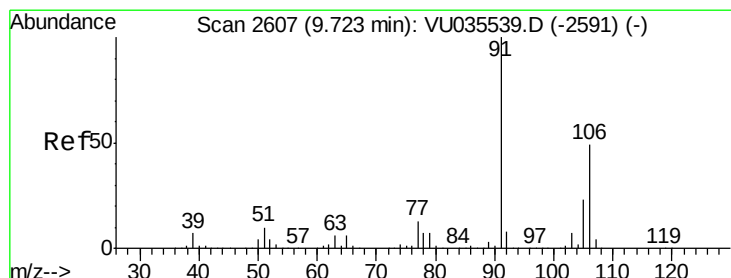
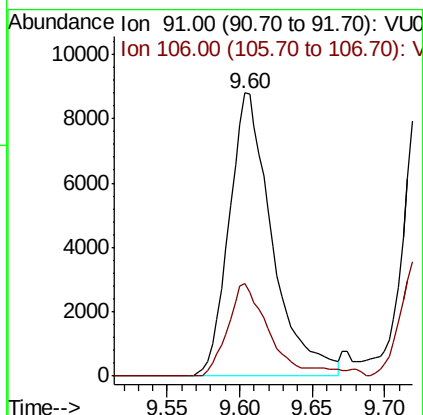
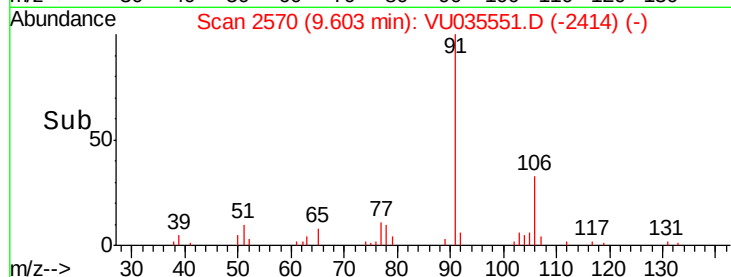
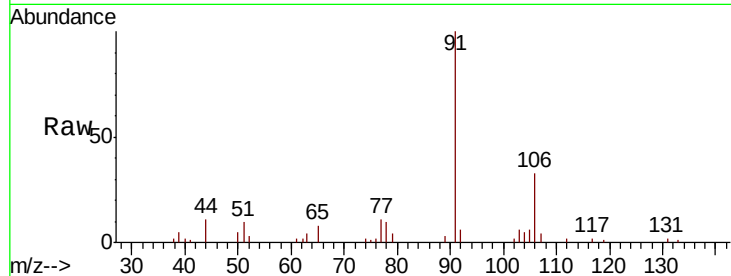




#63
Ethyl Benzene
Concen: 0.230 ug/l
RT: 9.60 min Scan# 2570
Delta R.T. 0.00 min
Lab File: VU035551.D
Acq: 30 Oct 2019 10:33

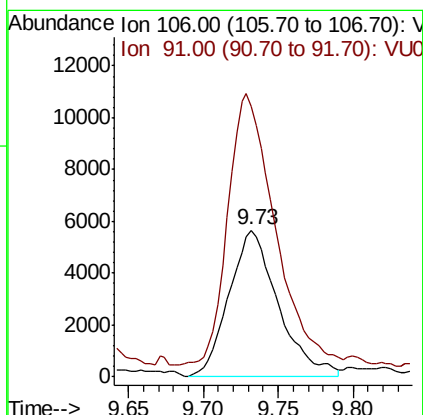
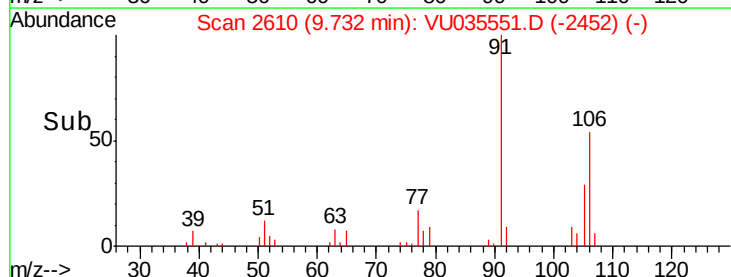
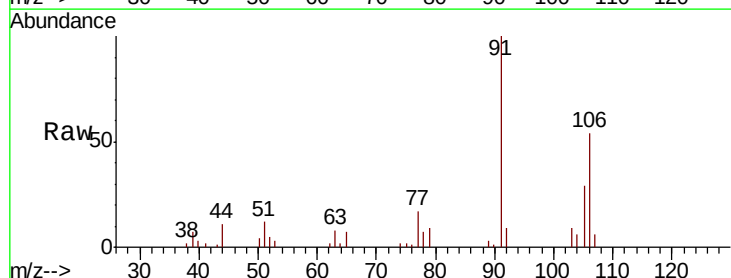
Instrument :
MSVOA_U
ClientSampleId :

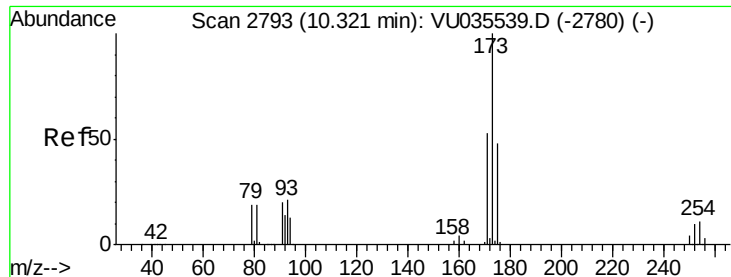
Tot Ion: 91 Resp: 18206
Ion Ratio Lower Upper
91 100
106 32.6 25.2 37.8



#64
m/p-Xylenes
Concen: 0.417 ug/l
RT: 9.73 min Scan# 2610
Delta R.T. 0.01 min
Lab File: VU035551.D
Acq: 30 Oct 2019 10:33

Tgt Ion: 106 Resp: 13017
Ion Ratio Lower Upper
106 100
91 171.2 81.0 121.4#

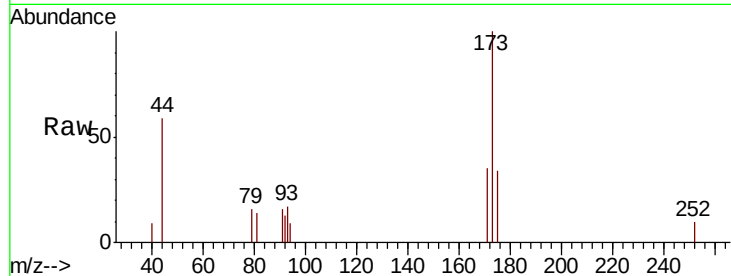




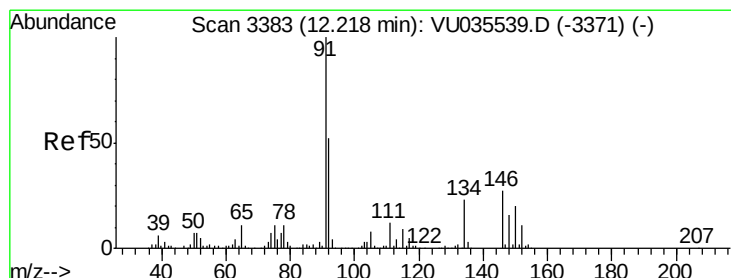
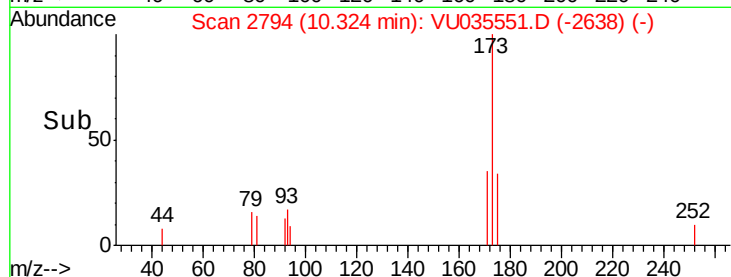
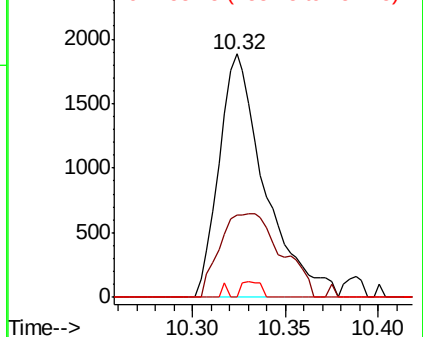
#67
Bromoform
Concen: 0.289 ug/l
RT: 10.32 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VU035551.D
Acq: 30 Oct 2019 10:33

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:173 Resp: 3228
Ion Ratio Lower Upper
173 100
175 45.9 38.7 58.1
254 2.7 8.2 12.2#

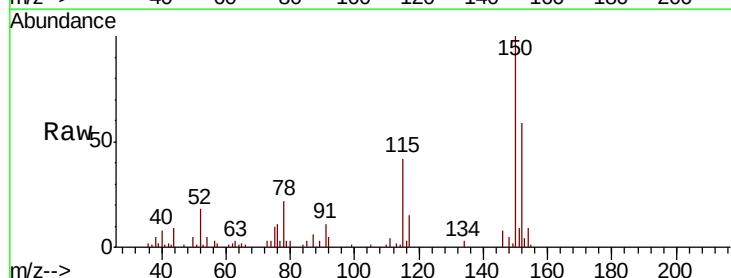


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

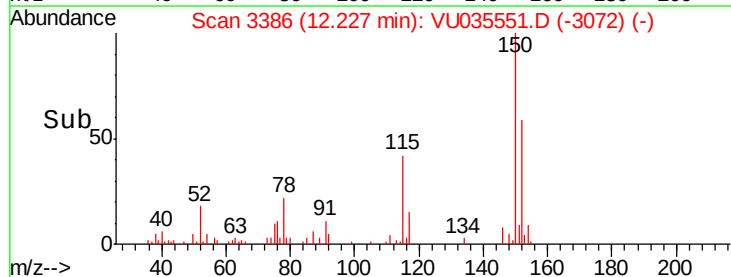
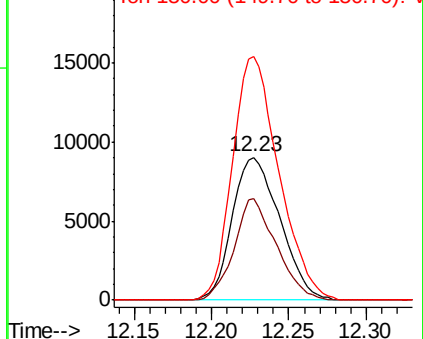


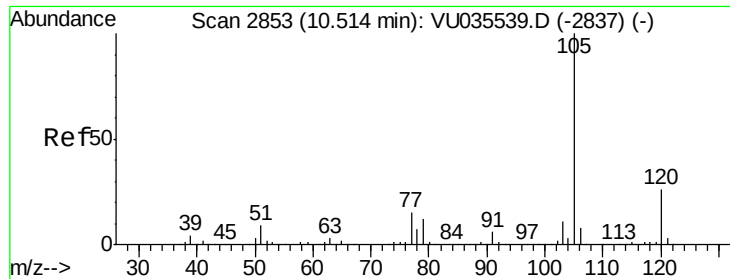
#68
1,2-Dichlorobenzene-d4
Concen: 0.805 ug/l
RT: 12.23 min Scan# 3386
Delta R.T. 0.01 min
Lab File: VU035551.D
Acq: 30 Oct 2019 10:33

Tgt Ion:152 Resp: 19271
Ion Ratio Lower Upper
152 100
115 62.9 0.0 250.6
150 166.1 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: 0.208 ug/l

RT: 10.52 min Scan# 2854

Delta R.T. 0.00 min

Lab File: VU035551.D

Acq: 30 Oct 2019 10:33

Instrument :

MSVOA_U

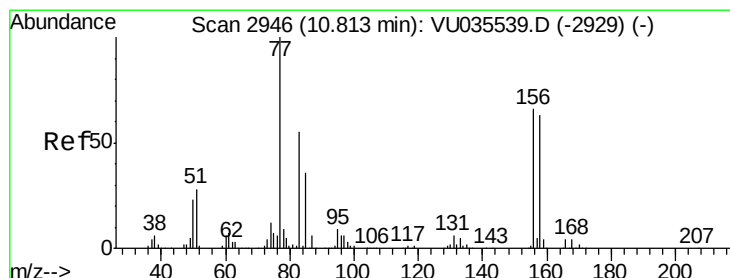
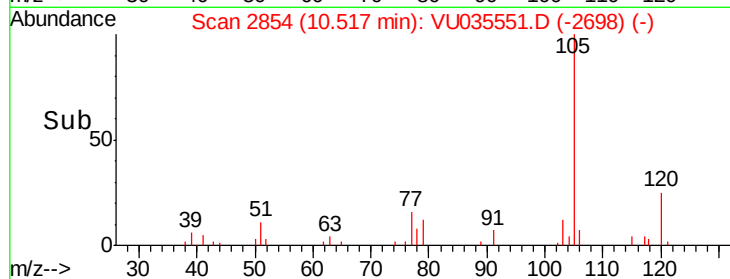
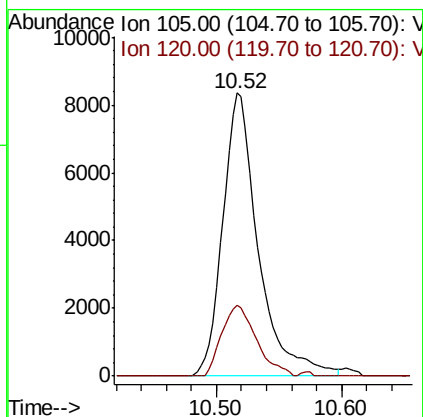
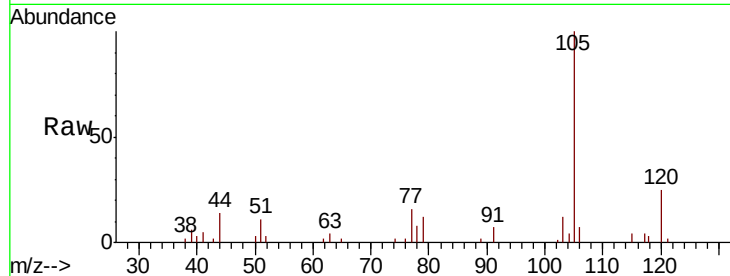
ClientSampleId :

Tot Ion:105 Resp: 16379

Ion Ratio Lower Upper

105 100

120 24.3 13.2 39.5



#70

1,1,2,2-Tetrachloroethane

Concen: 0.310 ug/l

RT: 10.82 min Scan# 2948

Delta R.T. 0.01 min

Lab File: VU035551.D

Acq: 30 Oct 2019 10:33

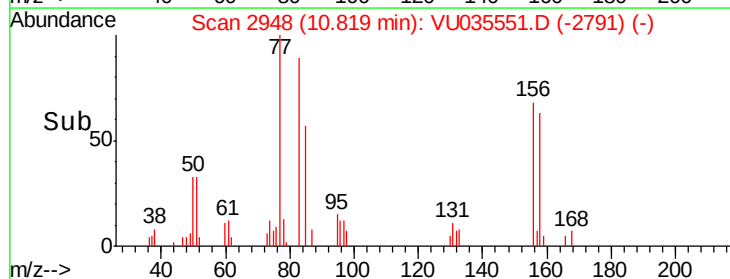
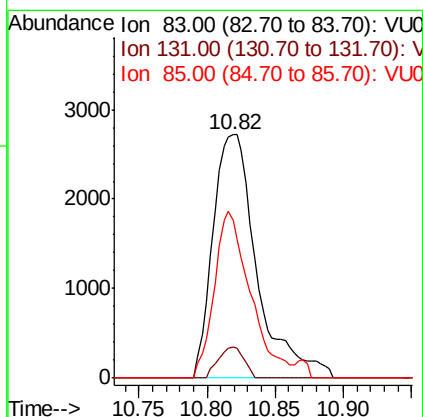
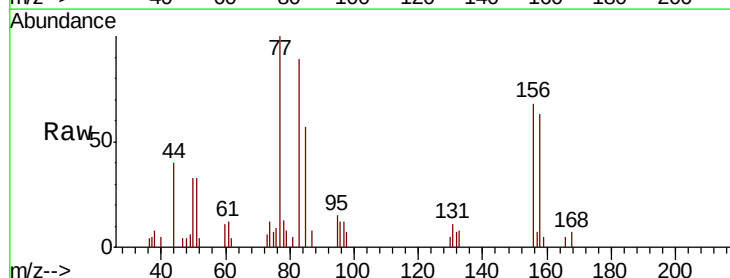
Tgt Ion: 83 Resp: 6101

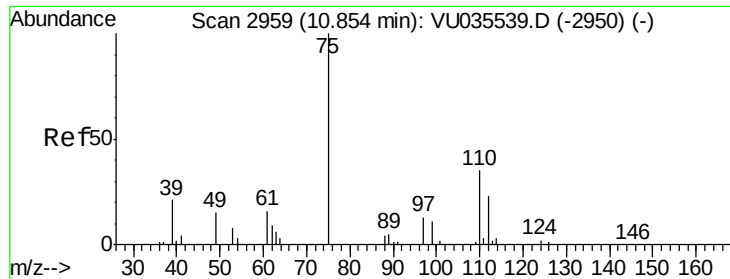
Ion Ratio Lower Upper

83 100

131 7.3 0.0 0.0#

85 56.4 33.5 50.3#

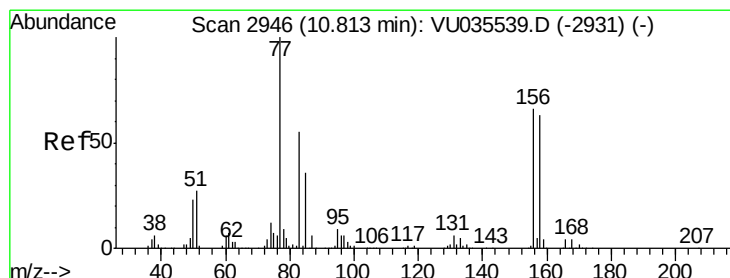
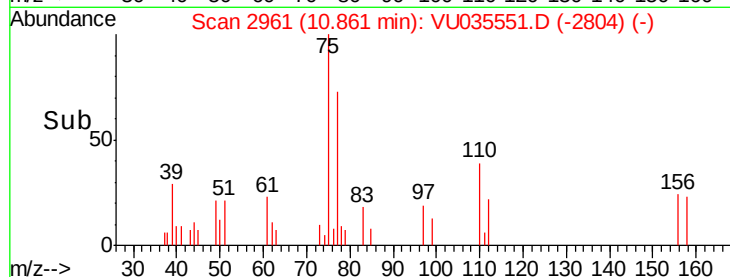
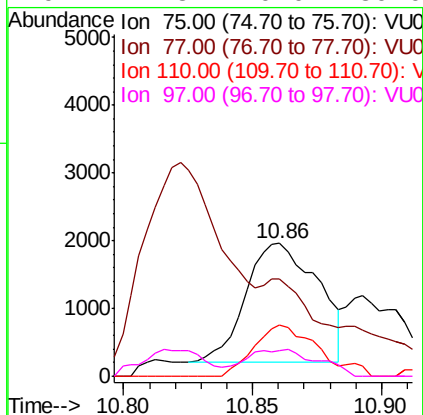
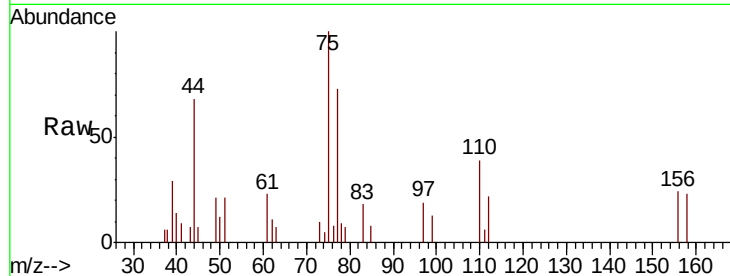




#71
1,2,3-Trichloropropane
Concen: 0.230 ug/l
RT: 10.86 min Scan# 2961
Delta R.T. 0.01 min
Lab File: VU035551.D
Acq: 30 Oct 2019 10:33

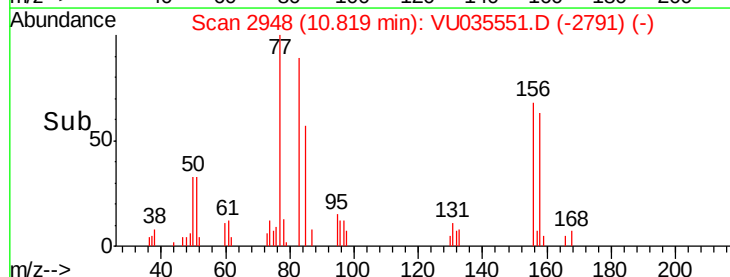
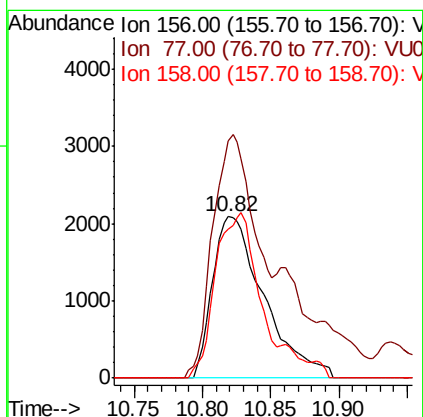
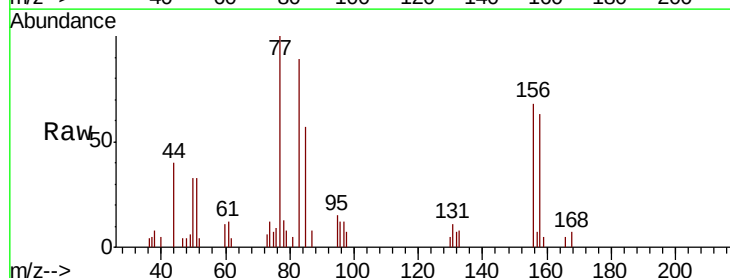
Instrument :
MSVOA_U
ClientSampleId :

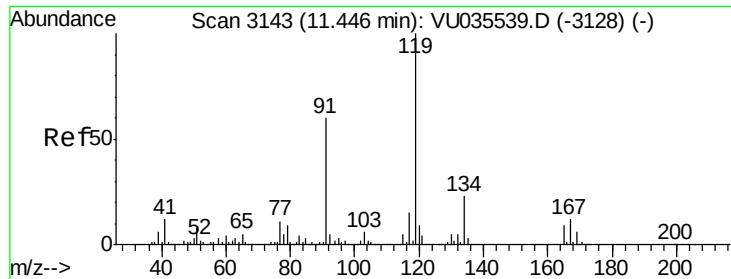
Tot Ion:	75	Resp:	3401
Ion	Ratio	Lower	Upper
75	100		
77	22.6	0.0	68.6
110	38.4	0.0	77.2
97	22.8	0.0	39.0



#72
Bromobenzene
Concen: 0.249 ug/l
RT: 10.82 min Scan# 2948
Delta R.T. 0.01 min
Lab File: VU035551.D
Acq: 30 Oct 2019 10:33

Tgt Ion:	156	Resp:	5462
Ion	Ratio	Lower	Upper
156	100		
77	128.1	0.0	300.4
158	94.2	0.0	194.4

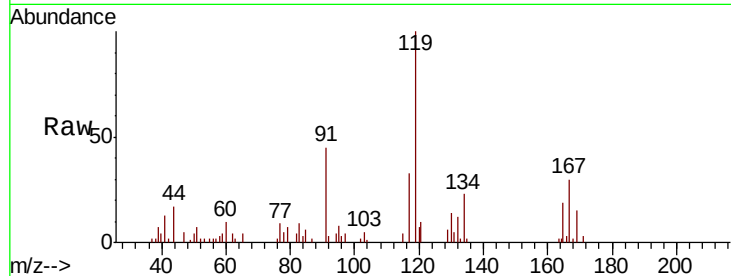




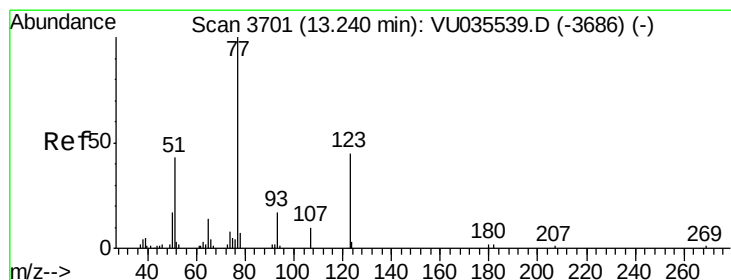
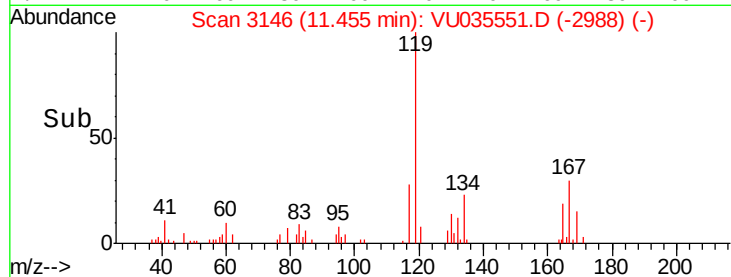
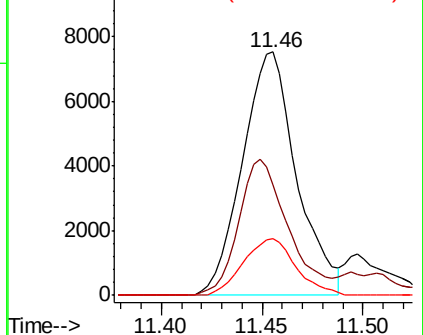
#77
tert-Butylbenzene
Concen: 0.213 ug/l
RT: 11.46 min Scan# 3146
Delta R.T. 0.01 min
Lab File: VU035551.D
Acq: 30 Oct 2019 10:33

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 119 Resp: 14129
Ion Ratio Lower Upper
119 100
91 51.1 27.9 83.7
134 22.5 18.3 27.5

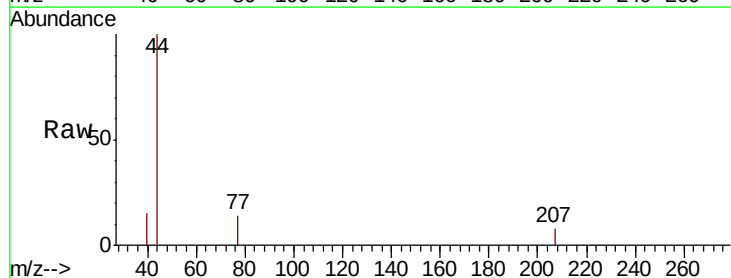


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VU
Ion 134.00 (133.70 to 134.70): V

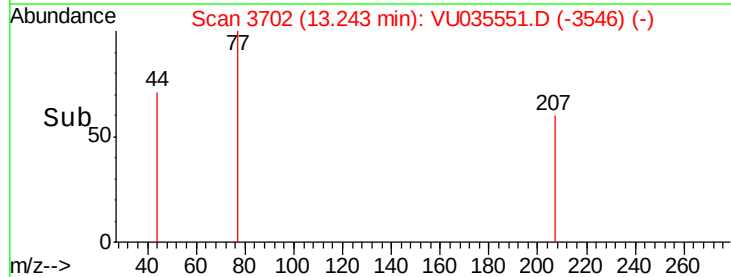
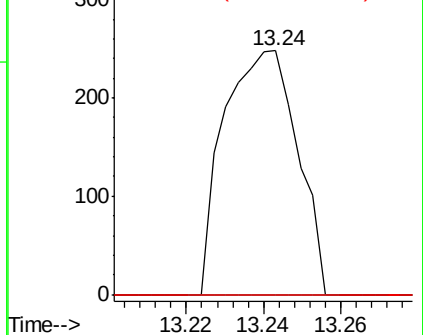


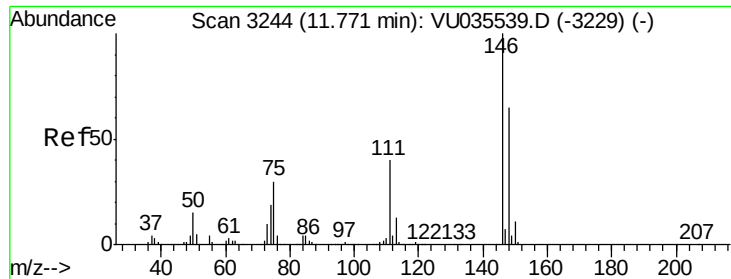
#80
Nitrobenzene
Concen: 0.498 ug/l
RT: 13.24 min Scan# 3702
Delta R.T. 0.00 min
Lab File: VU035551.D
Acq: 30 Oct 2019 10:33

Tgt Ion: 77 Resp: 328
Ion Ratio Lower Upper
77 100
123 0.0 18.9 67.1#
65 0.0 11.2 14.2#



Abundance Ion 77.00 (76.70 to 77.70): VU
Ion 123.00 (122.70 to 123.70): V
Ion 65.00 (64.70 to 65.70): VU

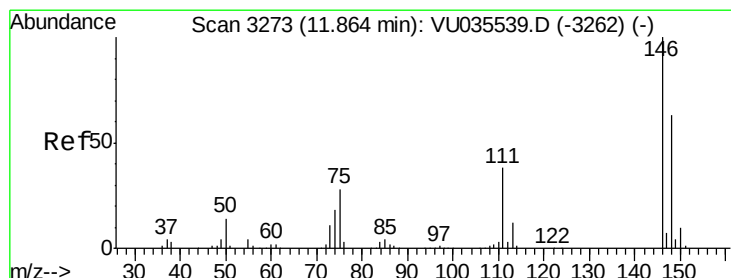
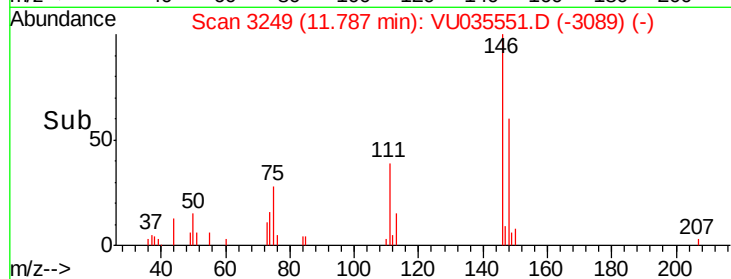
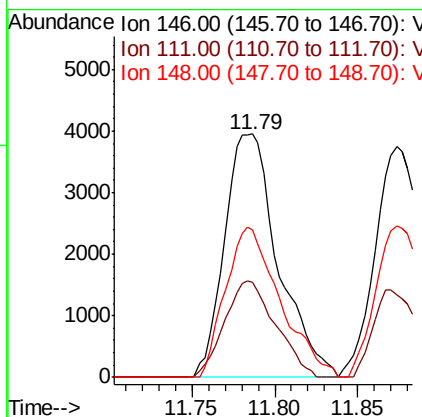
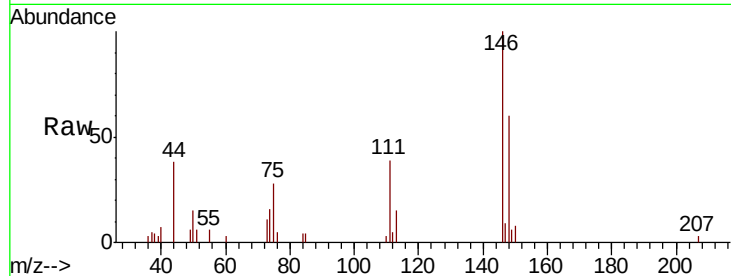




#82
 1,3-Dichlorobenzene
 Concen: 0.212 ug/l
 RT: 11.79 min Scan# 3249
 Delta R.T. 0.02 min
 Lab File: VU035551.D
 Acq: 30 Oct 2019 10:33

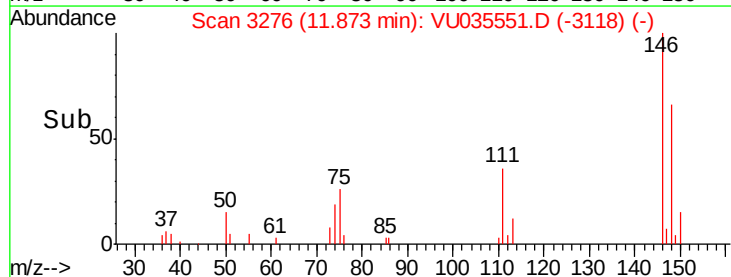
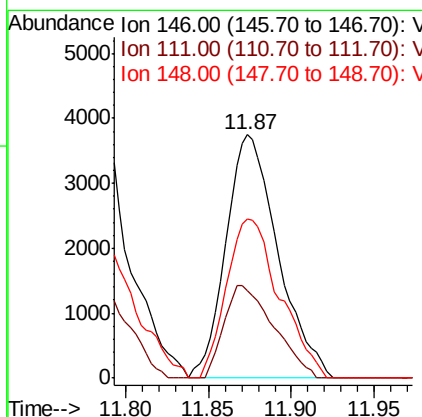
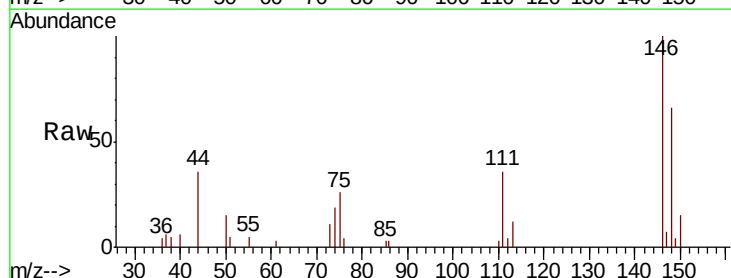
Instrument :
 MSVOA_U
 ClientSampled :

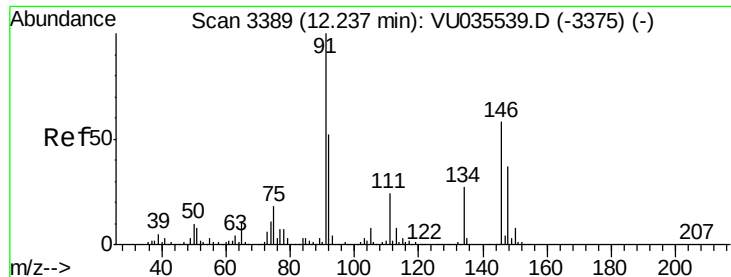
Tot Ion:146 Resp: 8847
 Ion Ratio Lower Upper
 146 100
 111 37.9 31.8 47.6
 148 63.0 50.9 76.3



#83
 1,4-Dichlorobenzene
 Concen: 0.204 ug/l
 RT: 11.87 min Scan# 3276
 Delta R.T. 0.01 min
 Lab File: VU035551.D
 Acq: 30 Oct 2019 10:33

Tgt Ion:146 Resp: 8157
 Ion Ratio Lower Upper
 146 100
 111 36.4 30.1 45.1
 148 66.9 51.0 76.4





#85

1,2-Dichlorobenzene

Concen: 0.218 ug/l

RT: 12.25 min Scan# 3392

Delta R.T. 0.01 min

Lab File: VU035551.D

Acq: 30 Oct 2019 10:33

Instrument :

MSVOA_U

ClientSampled :

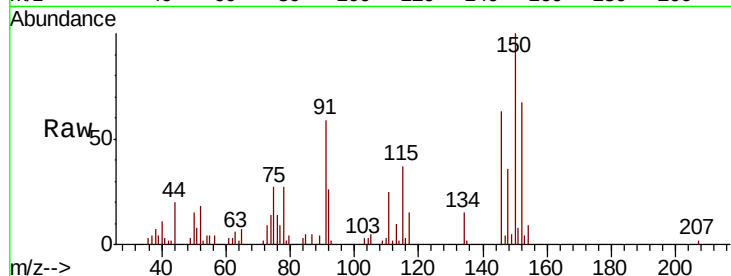
Tot Ion:146 Resp: 8552

Ion Ratio Lower Upper

146 100

111 41.1 20.5 61.5

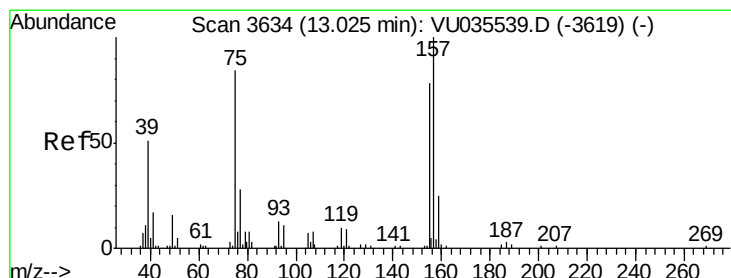
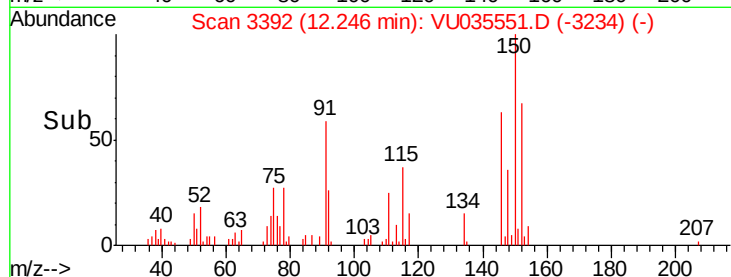
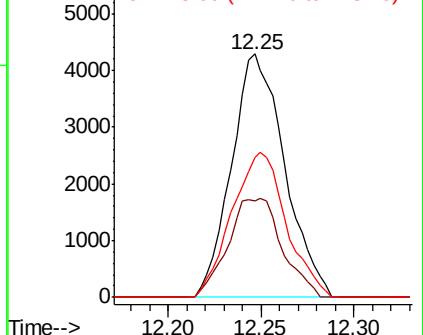
148 61.0 32.0 96.2



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



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.242 ug/l

RT: 13.03 min Scan# 3635

Delta R.T. 0.00 min

Lab File: VU035551.D

Acq: 30 Oct 2019 10:33

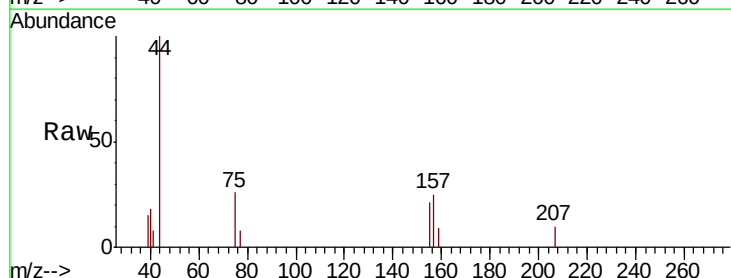
Tgt Ion: 75 Resp: 606

Ion Ratio Lower Upper

75 100

155 63.0 71.3 106.9#

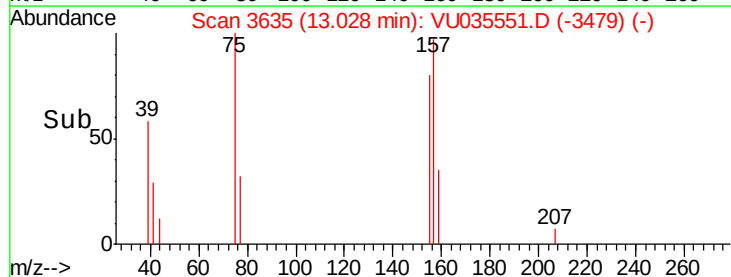
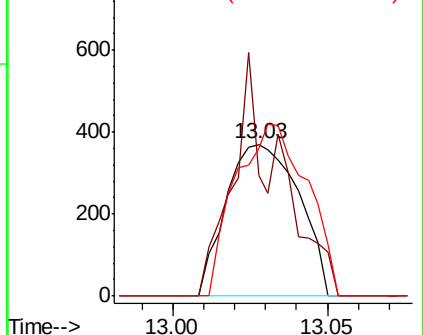
157 111.6 91.2 136.8

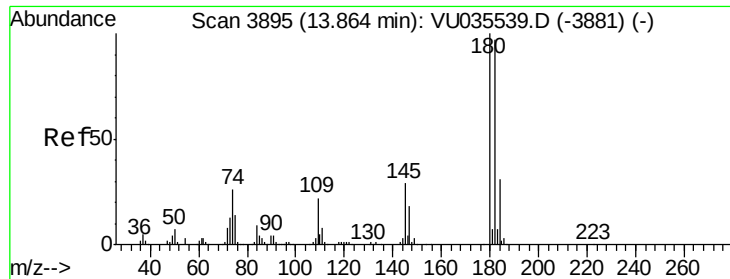


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

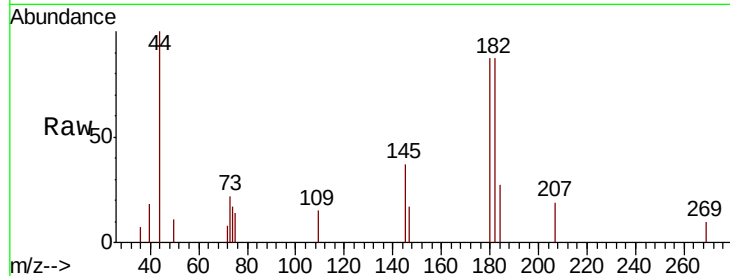




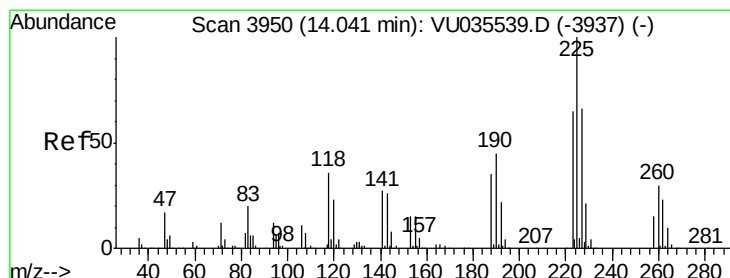
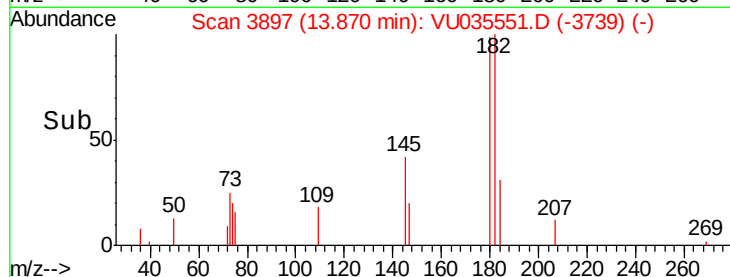
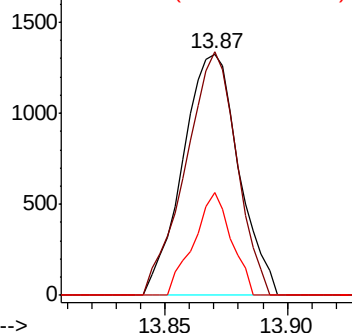
#87
 1,2,4-Trichlorobenzene
 Concen: 0.705 ug/l
 RT: 13.87 min Scan# 3897
 Delta R.T. 0.01 min
 Lab File: VU035551.D
 Acq: 30 Oct 2019 10:33

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180 Resp: 2100
 Ion Ratio Lower Upper
 180 100
 182 92.3 77.4 116.0
 145 28.6 22.6 33.8

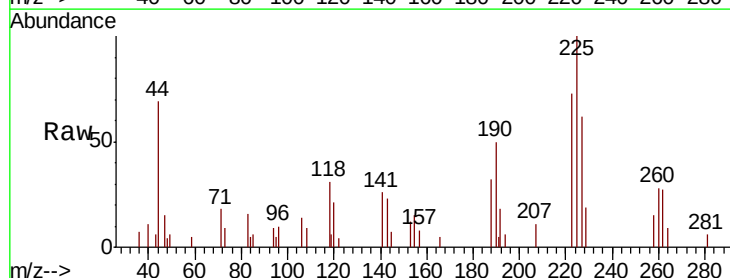


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

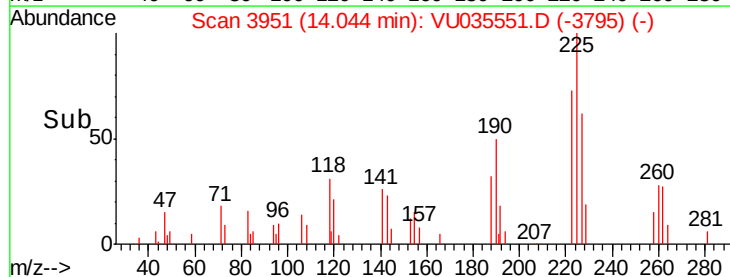
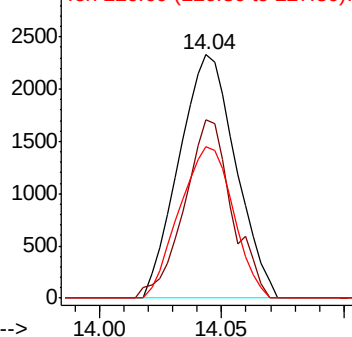


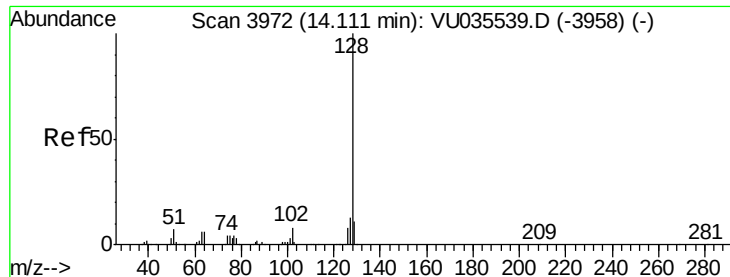
#88
 Hexachlorobutadiene
 Concen: 0.256 ug/l
 RT: 14.04 min Scan# 3951
 Delta R.T. 0.00 min
 Lab File: VU035551.D
 Acq: 30 Oct 2019 10:33

Tgt Ion:225 Resp: 3749
 Ion Ratio Lower Upper
 225 100
 223 61.5 50.7 76.1
 227 59.1 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: 0.771 ug/l

RT: 14.11 min Scan# 3973

Delta R.T. 0.00 min

Lab File: VU035551.D

Acq: 30 Oct 2019 10:33

Instrument :

MSVOA_U

ClientSampleId :

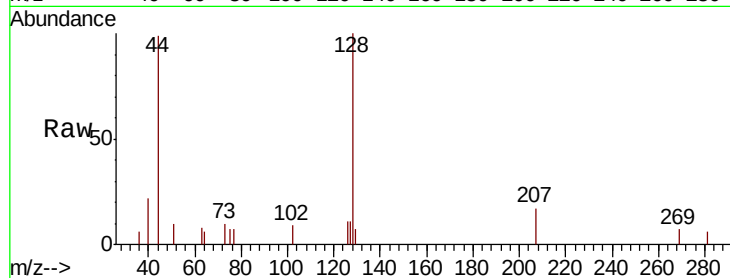
Tot Ion:128 Resp: 2831

Ion Ratio Lower Upper

128 100

127 7.5 10.3 15.5#

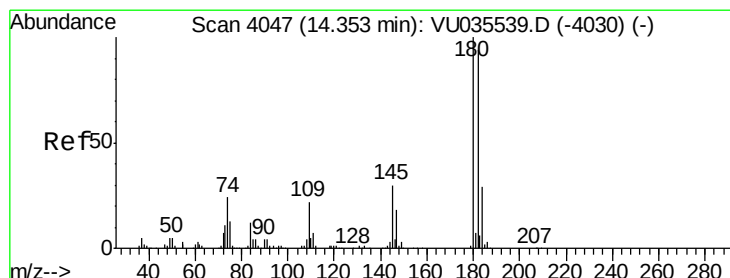
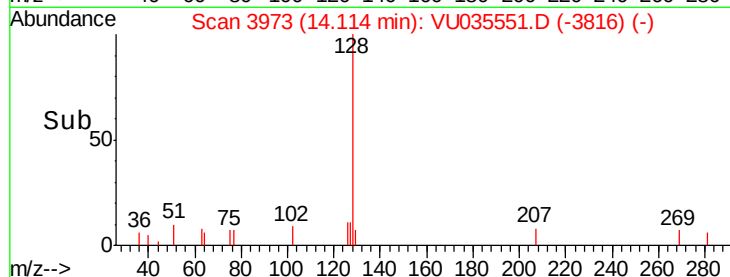
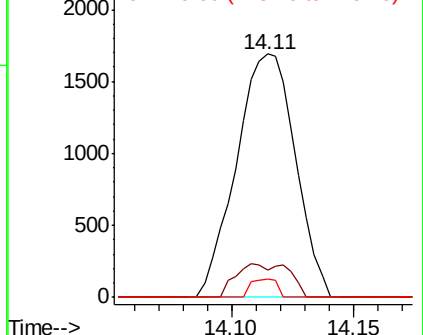
129 3.2 8.6 13.0#



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: 0.601 ug/l

RT: 14.36 min Scan# 4048

Delta R.T. 0.00 min

Lab File: VU035551.D

Acq: 30 Oct 2019 10:33

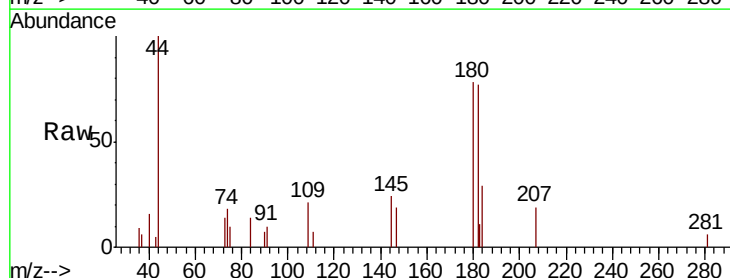
Tgt Ion:180 Resp: 2221

Ion Ratio Lower Upper

180 100

182 101.3 75.8 113.8

145 34.5 23.7 35.5



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

