

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102919\
 Data File : VU035536.D
 Acq On : 29 Oct 2019 12:01
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 30 05:11:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102919DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 30 05:08:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.16	96	78191	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.66	95	28383	0.95	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.00%	
68) 1,2-Dichlorobenzene-d4	12.22	152	30050	0.93	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.40	85	33422	1.162	ug/l	99
3) Chloromethane	1.54	50	41722	1.300	ug/l	99
4) Vinyl Chloride	1.62	62	36198	1.161	ug/l	99
5) Bromomethane	1.88	94	18471	1.037	ug/l	100
6) Chloroethane	1.95	64	20945	1.162	ug/l	95
7) Trichlorofluoromethane	2.16	101	44487	1.161	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	24312	1.175	ug/l	98
9) 1,1-Dichloroethene	2.61	96	23152	1.117	ug/l	98
10) Iodomethane	2.75	142	6942	0.386	ug/l	98
11) Allyl Chloride	2.96	41	39209	1.147	ug/l	97
12) Acrylonitrile	3.38	53	11624	2.600	ug/l	97
13) Acetone	2.68	43	29945	7.942	ug/l	95
14) Carbon Disulfide	2.82	76	82941	1.139	ug/l	97
15) Methylene Chloride	3.08	84	31393	1.284	ug/l	98
16) trans-1,2-Dichloroethene	3.39	96	26038	1.124	ug/l	99
17) 1,1-Dichloroethane	3.92	63	48418	1.100	ug/l	95
18) 2-Butanone	4.79	43	34249	6.441	ug/l	98
19) Cyclohexane	5.42	56	33174	0.980	ug/l	97
20) Methylcyclohexane	6.80	83	36521	1.021	ug/l	95
21) 2,2-Dichloropropane	4.71	77	41042	1.130	ug/l	99
22) cis-1,2-Dichloroethene	4.72	96	26998	1.076	ug/l	96
23) Diethyl Ether	2.41	59	19459	1.232	ug/l	97
24) tert-Butyl Alcohol	3.27	59	23896	11.005	ug/l #	86
25) Methyl tert-Butyl Ether	3.43	73	62298	1.232	ug/l	99
26) Bromochloromethane	5.02	128	12675	1.190	ug/l	99
27) Chloroform	5.14	83	53258	1.158	ug/l	99
28) 1,1,1-Trichloroethane	5.36	97	40520	1.126	ug/l	98
29) 1,1-Dichloropropene	5.57	75	32614	1.052	ug/l	99
30) Carbon Tetrachloride	5.56	117	35617	1.105	ug/l	99
31) Isopropyl Ether	4.06	45	64436	1.021	ug/l	90
32) Ethyl-t-butyl ether	4.57	59	58183	1.063	ug/l	99
33) Tert-Amyl methyl ether	6.01	73	49548	1.076	ug/l	98
34) Propionitrile	4.86	54	10745	7.065	ug/l #	92
35) Benzene	5.82	78	101607	1.092	ug/l	96
36) 1,2-Dichloroethane	5.84	62	29582	1.221	ug/l	100
37) Trichloroethene	6.58	130	28342	1.090	ug/l	100
38) 1,2-Dichloropropane	6.84	63	27367	1.105	ug/l	99
39) Methacrylonitrile	5.04	41	6995	1.113	ug/l #	86
40) Methyl acrylate	4.92	55	10504	1.095	ug/l #	95
41) Tetrahydrofuran	5.14	42	7720	2.402	ug/l #	36
42) 1-Chlorobutane	5.50	56	44598	1.060	ug/l	96

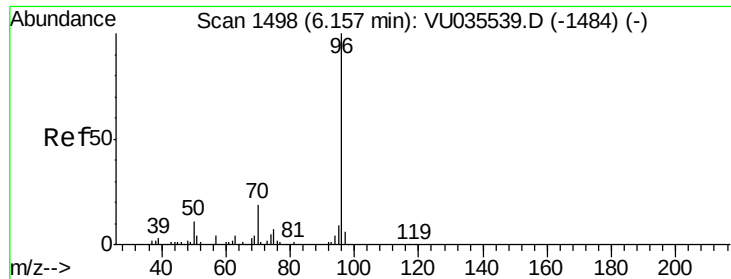
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102919\
 Data File : VU035536.D
 Acq On : 29 Oct 2019 12:01
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 30 05:11:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102919DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 30 05:08:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.96	93	14372	1.212	ug/l	97
44) Bromodichloromethane	7.15	83	36630	1.216	ug/l	99
45) 4-Methyl-2-Pentanone	7.85	43	69373	5.729	ug/l	98
46) t-1,4-Dichloro-2-butene	10.85	75	30881	6.127	ug/l #	54
47) Methyl methacrylate	7.02	69	22150	2.339	ug/l	95
48) Ethyl methacrylate	8.38	69	17459	1.022	ug/l	93
49) Toluene	8.01	92	56250	1.037	ug/l	99
50) t-1,3-Dichloropropene	8.25	75	28823	1.139	ug/l	96
51) cis-1,3-Dichloropropene	7.65	75	35798	1.143	ug/l	98
52) 1,1,2-Trichloroethane	8.44	97	20122	1.224	ug/l	98
53) 1,3-Dichloropropane	8.61	76	32920	1.194	ug/l	100
54) 2-Hexanone	8.74	43	48312	5.916	ug/l	94
55) Dibromochloromethane	8.84	129	23806	1.191	ug/l	100
56) 1,2-Dibromoethane	8.96	107	17140	1.129	ug/l	95
58) Tetrachloroethene	8.58	164	26616	1.082	ug/l	95
59) Chlorobenzene	9.48	112	65513	1.076	ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.56	131	26348	1.164	ug/l	99
61) Pentachloroethane	11.45	117	21419	1.164	ug/l	95
62) Hexachloroethane	12.50	117	19629	1.195	ug/l	98
63) Ethyl Benzene	9.60	91	95745	0.986	ug/l	99
64) m/p-Xylenes	9.73	106	73414	1.873	ug/l #	3
65) o-Xylene	10.13	106	36605	0.980	ug/l	99
66) Styrene	10.14	104	59447	0.949	ug/l	99
67) Bromoform	10.32	173	15007	1.260	ug/l	98
69) Isopropylbenzene	10.51	105	96683	0.991	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.81	83	25854	1.216	ug/l #	64
71) 1,2,3-Trichloropropane	10.85	75	30881	2.083	ug/l #	61
72) Bromobenzene	10.81	156	27916	1.049	ug/l	99
73) n-propylbenzene	10.93	120	25578	0.909	ug/l	94
74) 2-Chlorotoluene	11.01	126	25411	0.999	ug/l	95
75) 1,3,5-Trimethylbenzene	11.11	105	76256	0.881	ug/l	99
76) 4-Chlorotoluene	11.12	126	26214	1.010	ug/l	98
77) tert-Butylbenzene	11.45	119	80719	0.955	ug/l	100
78) 1,2,4-Trimethylbenzene	11.49	105	78263	0.896	ug/l	98
79) sec-Butylbenzene	11.67	105	101923	0.900	ug/l	100
80) Nitrobenzene	13.24	77	1746	4.017	ug/l #	83
81) p-Isopropyltoluene	11.82	119	80068	0.854	ug/l #	69
82) 1,3-Dichlorobenzene	11.77	146	54616	0.998	ug/l	99
83) 1,4-Dichlorobenzene	11.86	146	50432	0.929	ug/l	100
84) n-Butylbenzene	12.23	91	66504	0.778	ug/l	97
85) 1,2-Dichlorobenzene	12.24	146	50700	1.016	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	13.03	75	2904	1.037	ug/l	97
87) 1,2,4-Trichlorobenzene	13.87	180	14276	0.525	ug/l	94
88) Hexachlorobutadiene	14.04	225	20261	0.954	ug/l	98
89) Naphthalene	14.11	128	15320	0.431	ug/l #	92
90) 1,2,3-Trichlorobenzene	14.36	180	14552	0.575	ug/l	100

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.16 min Scan# 1498

Delta R.T. -0.00 min

Lab File: VU035536.D

Acq: 29 Oct 2019 12:01

Instrument :

MSVOA_U

ClientSampled :

Tot Ion: 96 Resp: 78191

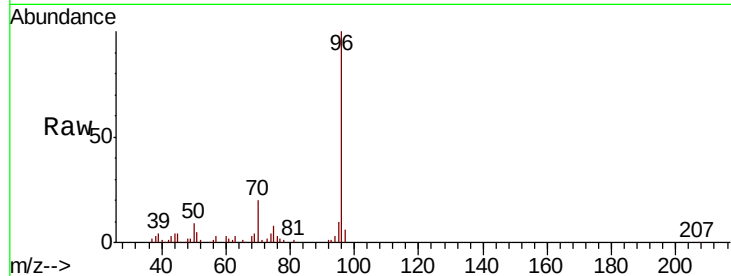
Ion Ratio Lower Upper

96 100

70 21.1 15.8 23.8

95 9.2 7.4 11.2

97 6.8 0.0 0.0#

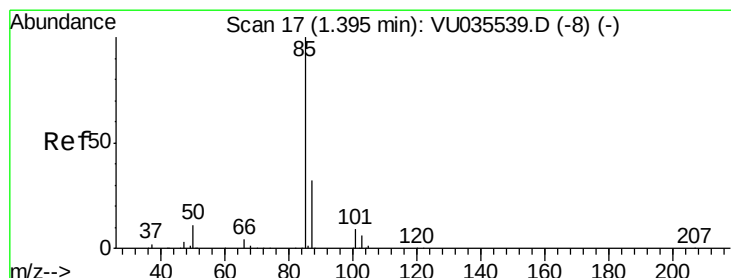
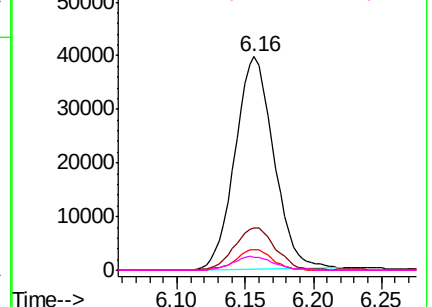
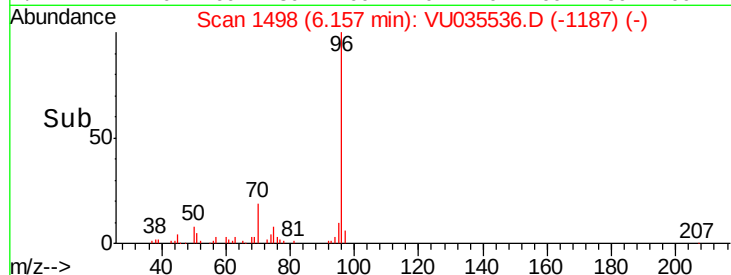


Abundance Ion 96.00 (95.70 to 96.70): VU035536.D (-1187) (-)

Ion 70.00 (69.70 to 70.70): VU035536.D (-1187) (-)

Ion 95.00 (94.70 to 95.70): VU035536.D (-1187) (-)

Ion 97.00 (96.70 to 97.70): VU035536.D (-1187) (-)



#2

Dichlorodifluoromethane

Concen: 1.162 ug/l

RT: 1.40 min Scan# 18

Delta R.T. 0.00 min

Lab File: VU035536.D

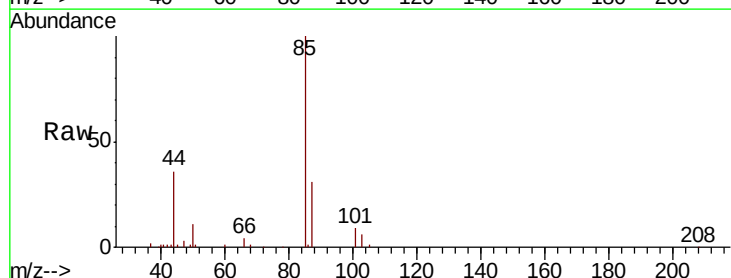
Acq: 29 Oct 2019 12:01

Tgt Ion: 85 Resp: 33422

Ion Ratio Lower Upper

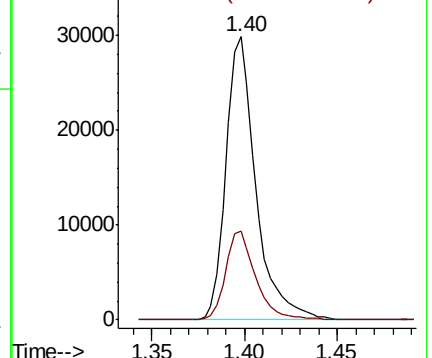
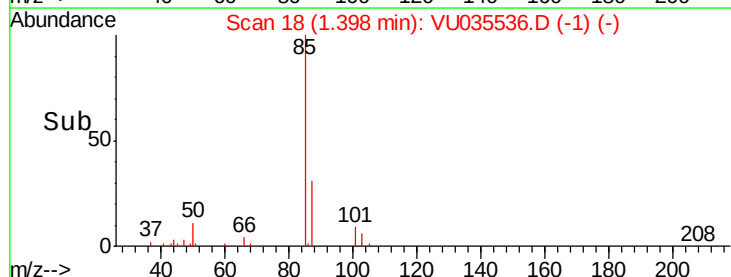
85 100

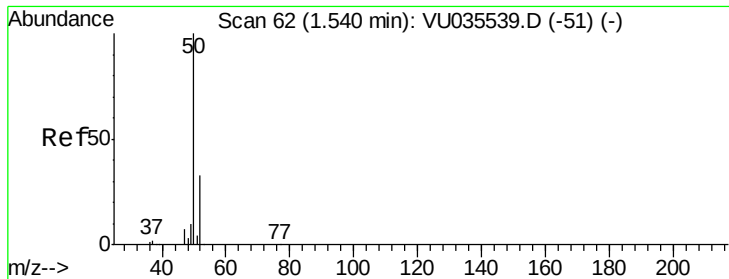
87 31.3 15.8 47.4



Abundance Ion 85.00 (84.70 to 85.70): VU035536.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VU035536.D (-1) (-)





#3

Chloromethane

Concen: 1.300 ug/l

RT: 1.54 min Scan# 62

Delta R.T. -0.00 min

Lab File: VU035536.D

Acq: 29 Oct 2019 12:01

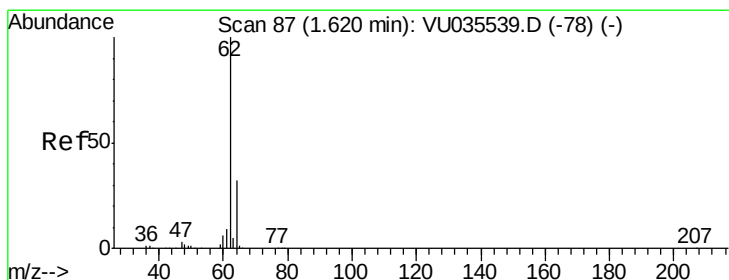
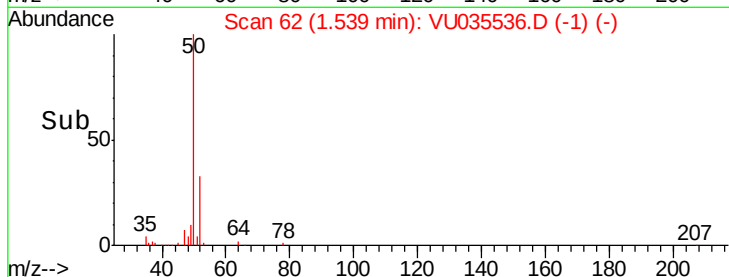
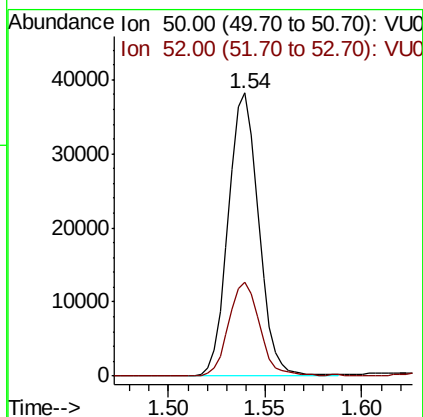
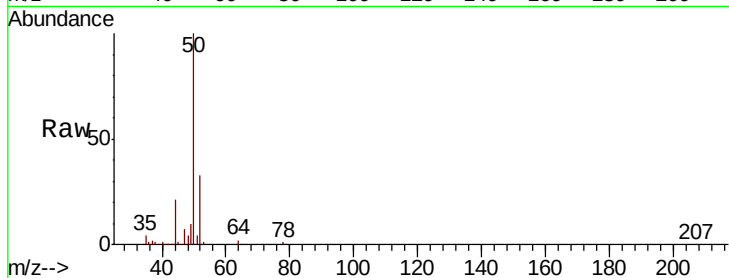
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 50 Resp: 41722

Ion Ratio Lower Upper

50 100

52 33.0 26.0 39.0



#4

Vinyl Chloride

Concen: 1.161 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VU035536.D

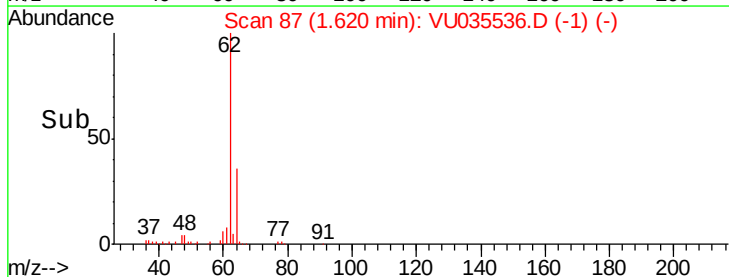
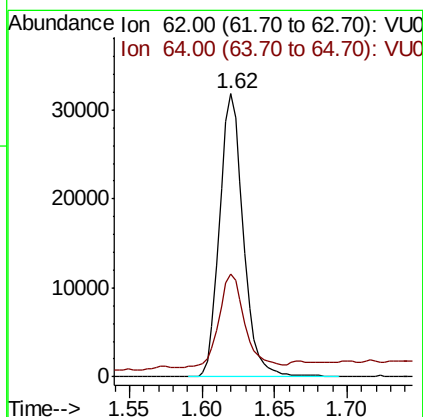
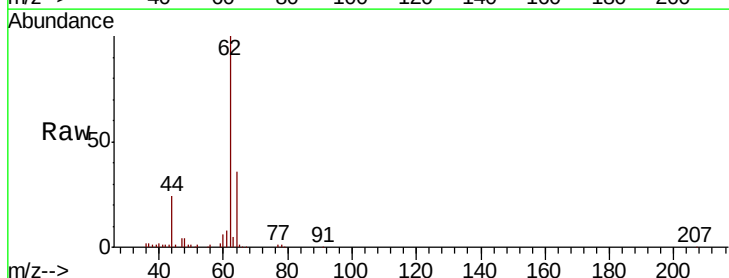
Acq: 29 Oct 2019 12:01

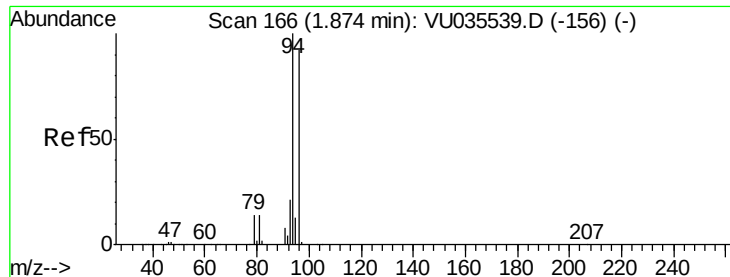
Tgt Ion: 62 Resp: 36198

Ion Ratio Lower Upper

62 100

64 32.8 25.6 38.4





#5

Bromomethane

Concen: 1.037 ug/l

RT: 1.88 min Scan# 167

Delta R.T. 0.00 min

Lab File: VU035536.D

Acq: 29 Oct 2019 12:01

Instrument :

MSVOA_U

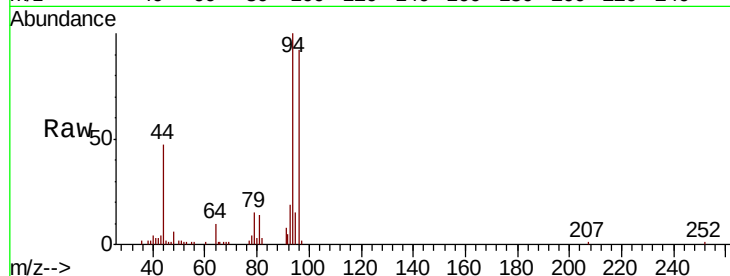
ClientSampleId :

Tot Ion: 94 Resp: 18471

Ion Ratio Lower Upper

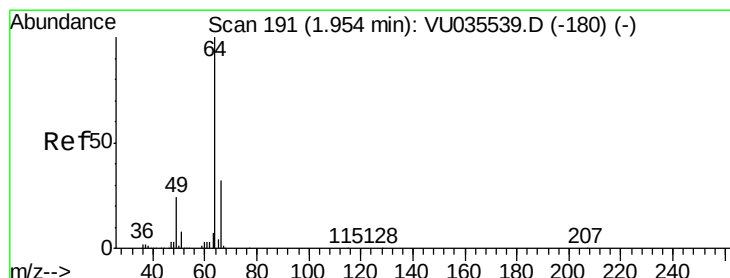
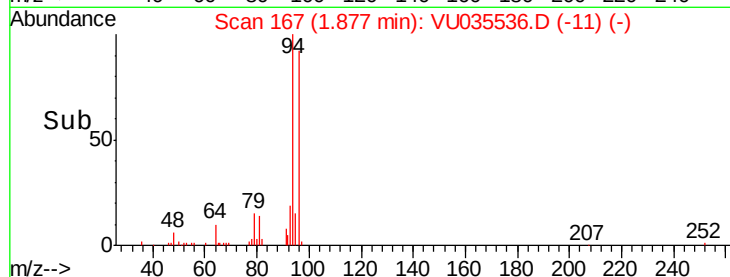
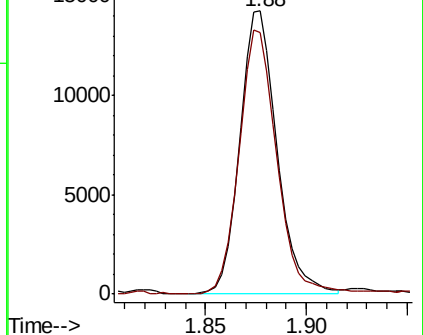
94 100

96 92.4 73.8 110.8



Abundance Ion 94.00 (93.70 to 94.70): VU035536.D (-166) (-)

Ion 96.00 (95.70 to 96.70): VU035536.D (-166) (-)



#6

Chloroethane

Concen: 1.162 ug/l

RT: 1.95 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU035536.D

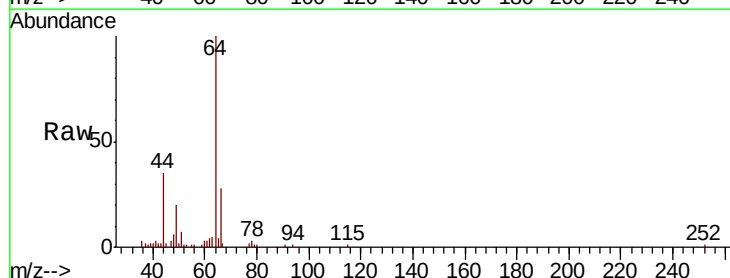
Acq: 29 Oct 2019 12:01

Tgt Ion: 64 Resp: 20945

Ion Ratio Lower Upper

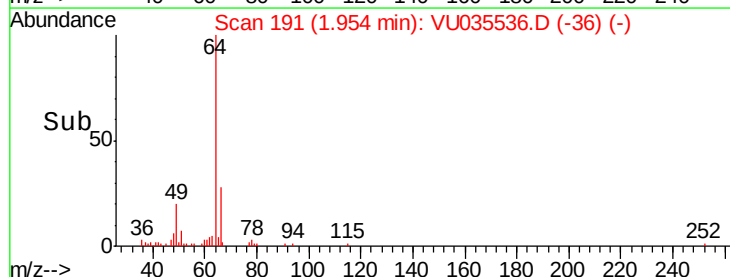
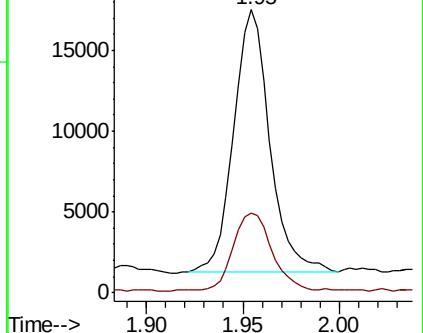
64 100

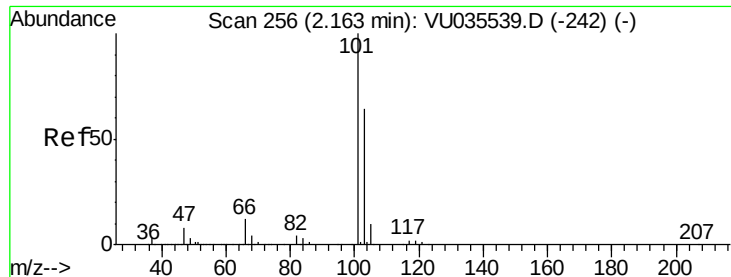
66 29.6 25.9 38.9



Abundance Ion 64.00 (63.70 to 64.70): VU035536.D (-191) (-)

Ion 66.00 (65.70 to 66.70): VU035536.D (-191) (-)



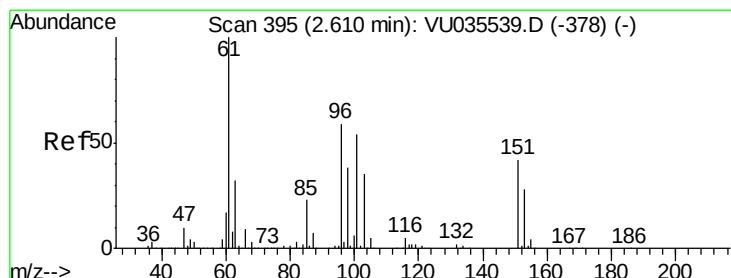
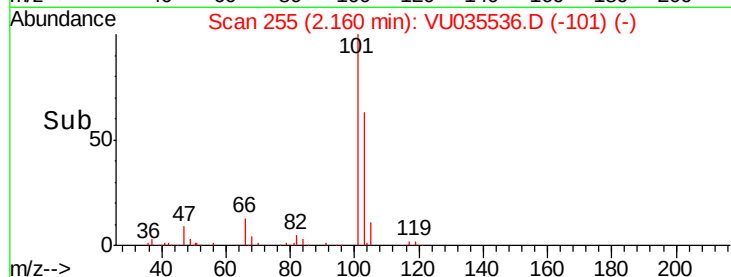
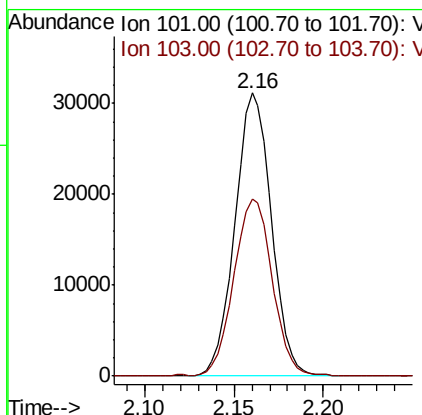
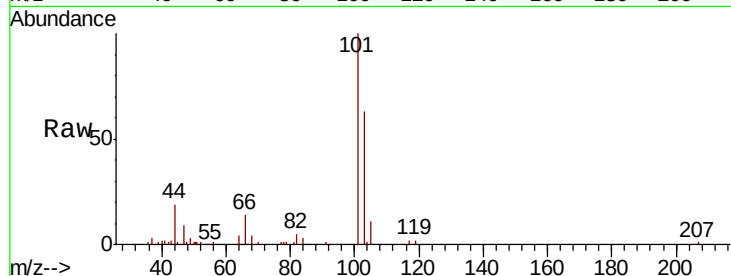


#7

Trichlorofluoromethane
Concen: 1.161 ug/l
RT: 2.16 min Scan# 255
Delta R.T. -0.00 min
Lab File: VU035536.D
Acq: 29 Oct 2019 12:01

Instrument :
MSVOA_U
ClientSampleId :

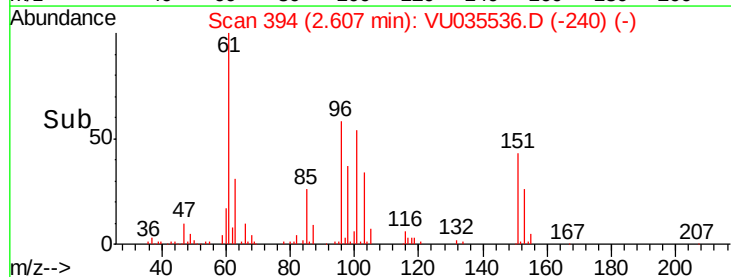
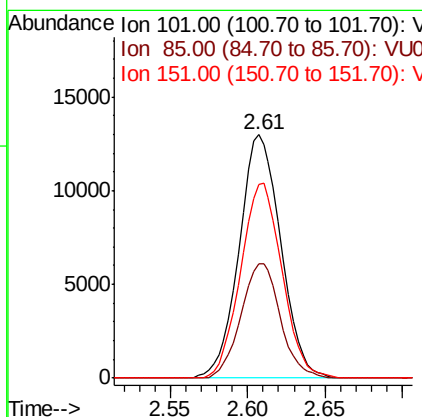
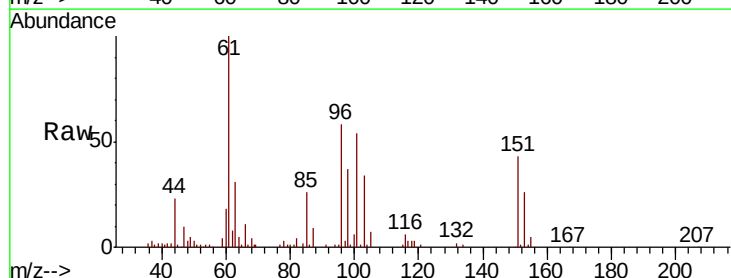
Tot Ion:101 Resp: 44487
Ion Ratio Lower Upper
101 100
103 62.6 51.0 76.6

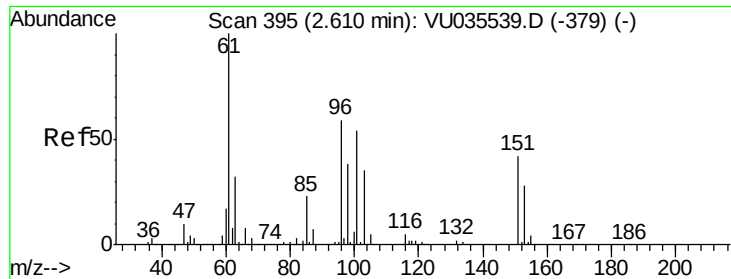


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.175 ug/l
RT: 2.61 min Scan# 394
Delta R.T. -0.00 min
Lab File: VU035536.D
Acq: 29 Oct 2019 12:01

Tgt Ion:101 Resp: 24312
Ion Ratio Lower Upper
101 100
85 44.4 35.8 53.6
151 79.7 61.8 92.6





#9

1,1-Dichloroethene

Concen: 1.117 ug/l

RT: 2.61 min Scan# 394

Delta R.T. -0.00 min

Lab File: VU035536.D

Acq: 29 Oct 2019 12:01

Instrument :

MSVOA_U

ClientSampled :

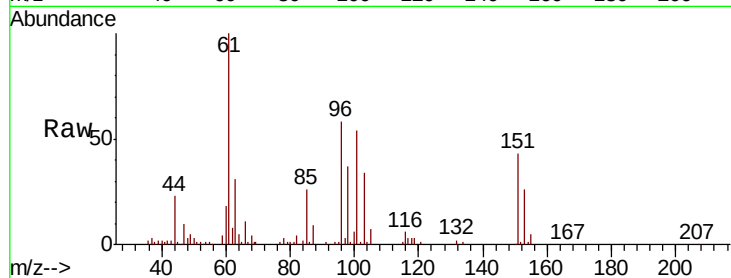
Tot Ion: 96 Resp: 23152

Ion Ratio Lower Upper

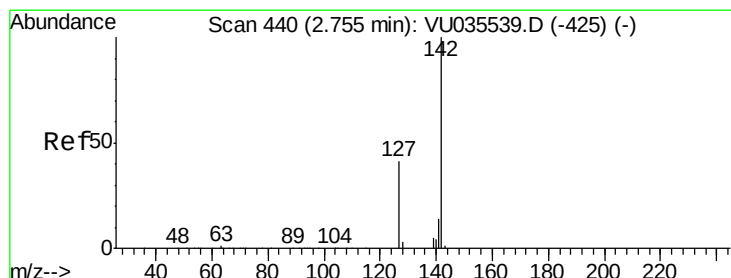
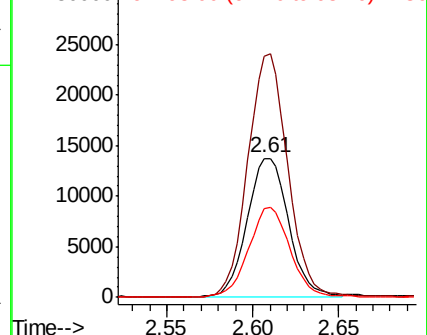
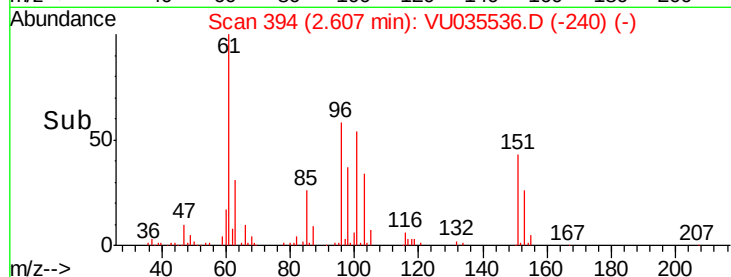
96 100

61 173.1 0.0 508.8

98 63.6 0.0 130.4



Abundance Ion 96.00 (95.70 to 96.70): VU035536.D (-240) (-)



#10

Iodomethane

Concen: 0.386 ug/l

RT: 2.75 min Scan# 440

Delta R.T. -0.00 min

Lab File: VU035536.D

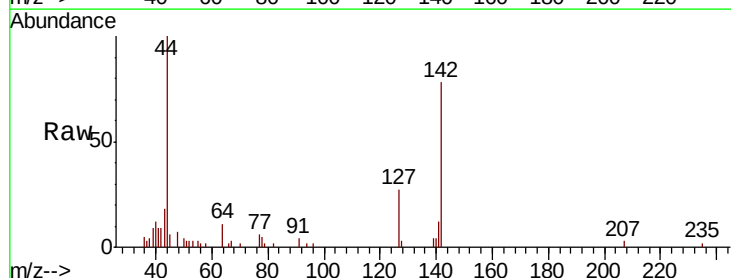
Acq: 29 Oct 2019 12:01

Tgt Ion:142 Resp: 6942

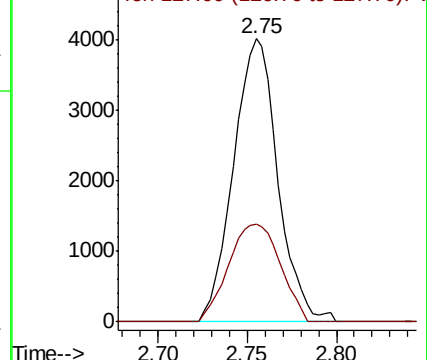
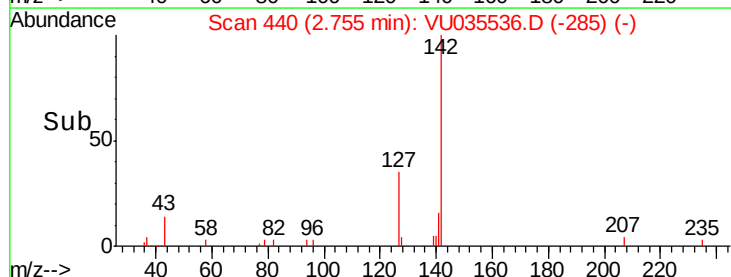
Ion Ratio Lower Upper

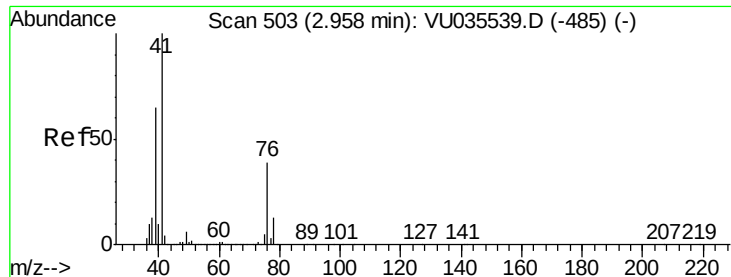
142 100

127 40.3 33.4 50.0



Abundance Ion 142.00 (141.70 to 142.70): VU035536.D (-285) (-)

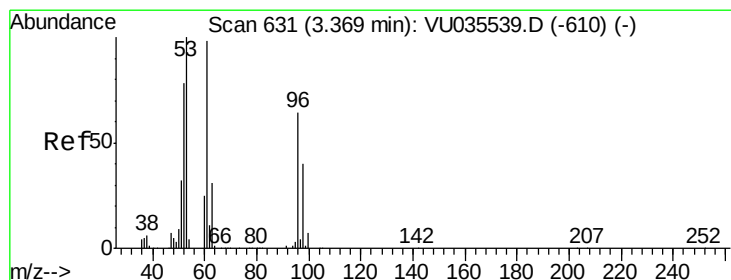
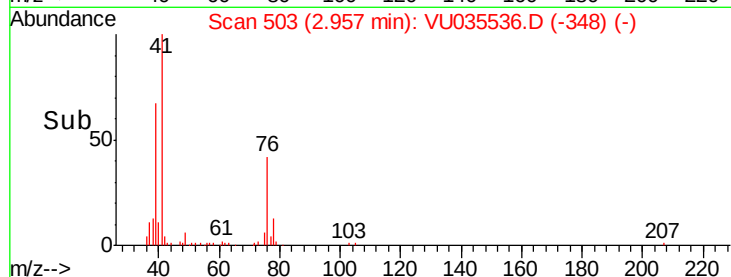
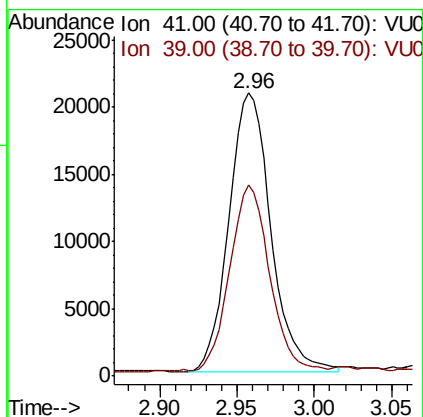
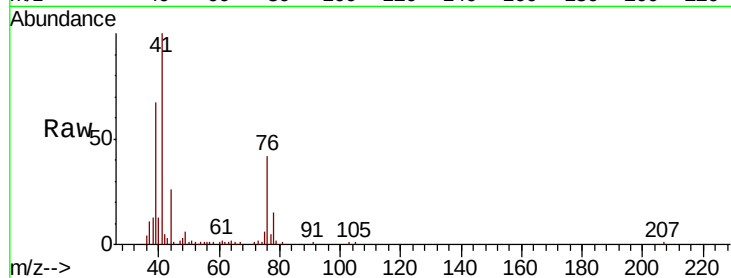




#11
Allvl Chloride
Concen: 1.147 ug/l
RT: 2.96 min Scan# 503
Delta R.T. -0.00 min
Lab File: VU035536.D
Acq: 29 Oct 2019 12:01

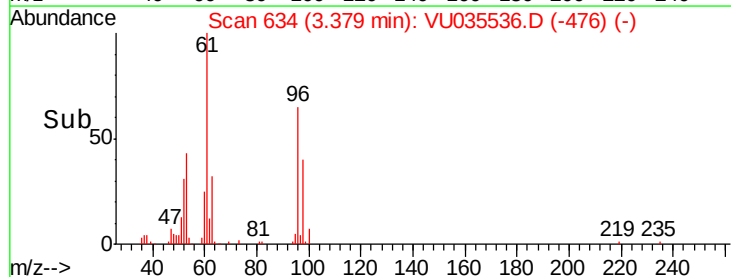
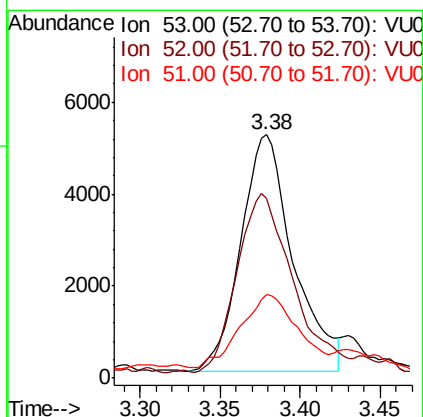
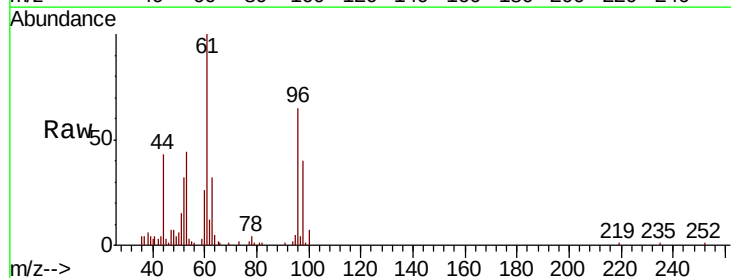
Instrument :
MSVOA_U
ClientSampleId :

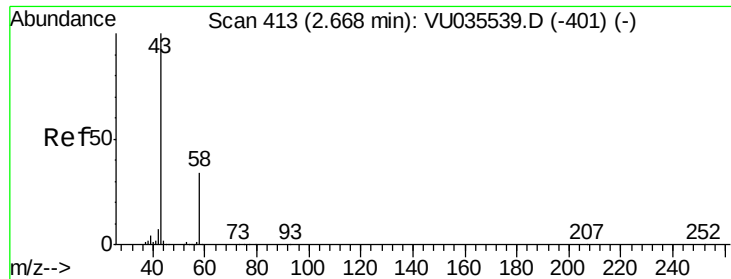
Tot Ion: 41 Resp: 39209
Ion Ratio Lower Upper
41 100
39 62.9 52.0 78.0



#12
Acrylonitrile
Concen: 2.600 ug/l
RT: 3.38 min Scan# 634
Delta R.T. 0.01 min
Lab File: VU035536.D
Acq: 29 Oct 2019 12:01

Tgt Ion: 53 Resp: 11624
Ion Ratio Lower Upper
53 100
52 80.7 67.4 101.0
51 33.7 27.0 40.4





#13

Acetone

Concen: 7.942 ug/l

RT: 2.68 min Scan# 416

Delta R.T. 0.01 min

Lab File: VU035536.D

Acq: 29 Oct 2019 12:01

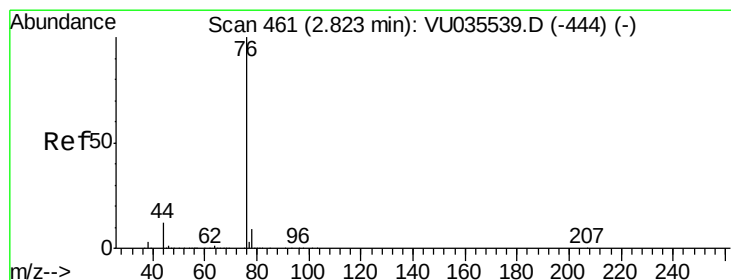
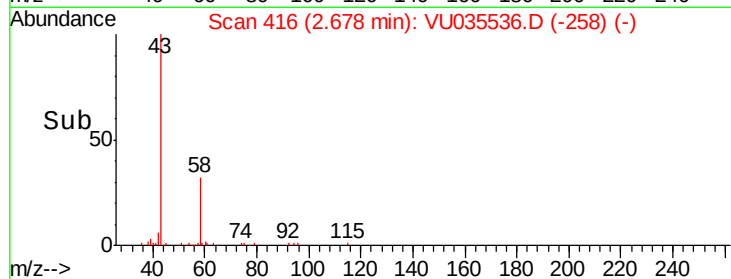
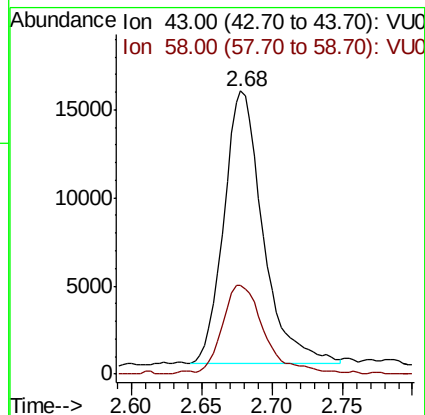
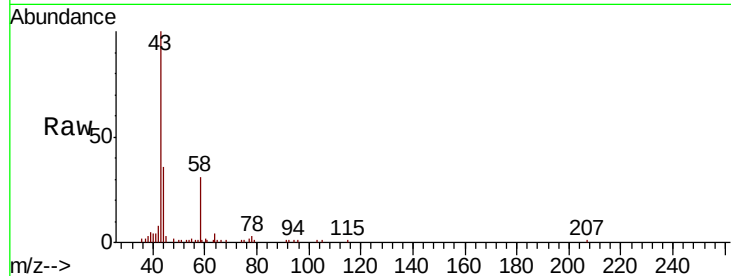
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 29945

Ion Ratio Lower Upper

43 100

58 31.8 27.6 41.4



#14

Carbon Disulfide

Concen: 1.139 ug/l

RT: 2.82 min Scan# 461

Delta R.T. -0.00 min

Lab File: VU035536.D

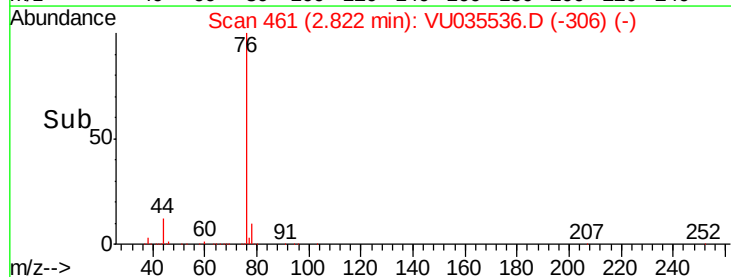
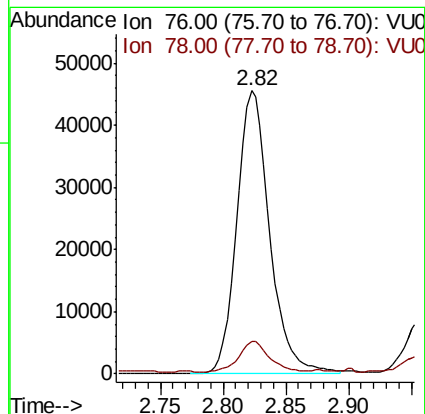
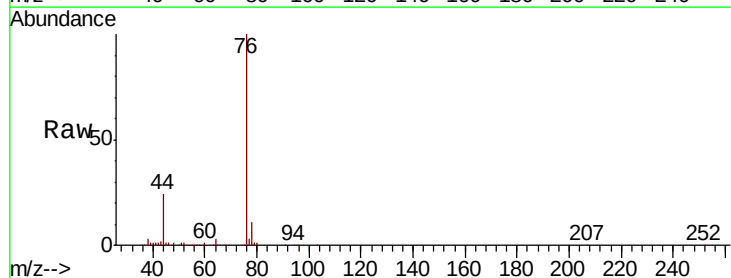
Acq: 29 Oct 2019 12:01

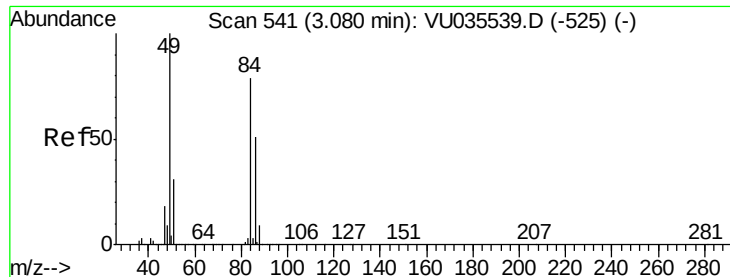
Tgt Ion: 76 Resp: 82941

Ion Ratio Lower Upper

76 100

78 10.5 7.4 11.2

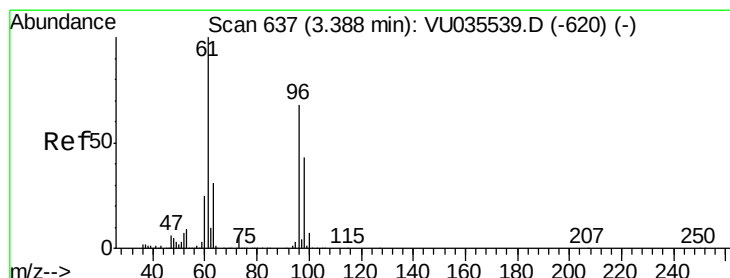
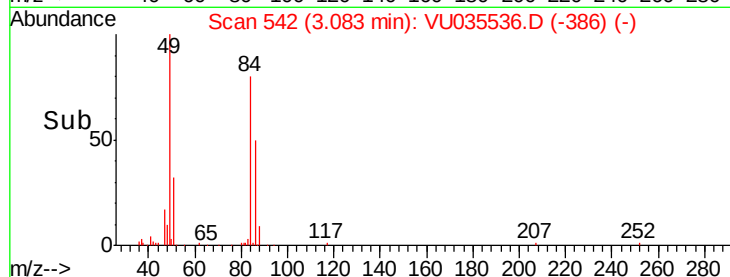
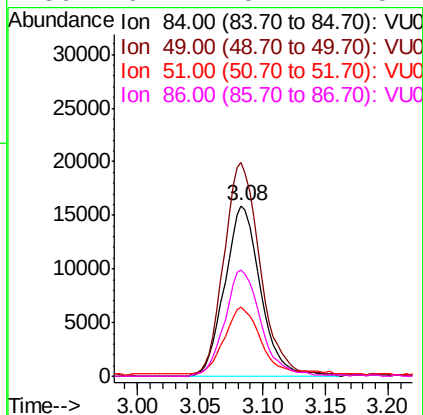
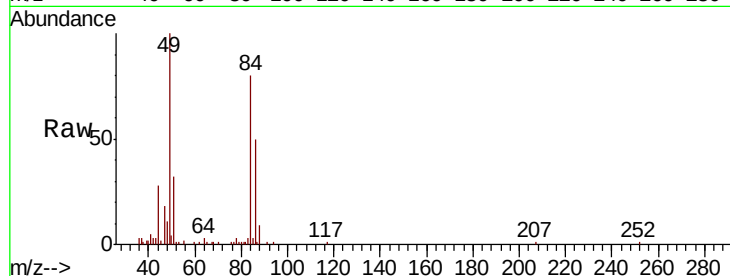




#15
Methylene Chloride
Concen: 1.284 ug/l
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035536.D
Acq: 29 Oct 2019 12:01

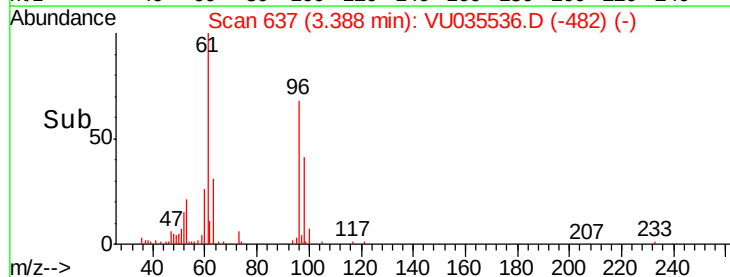
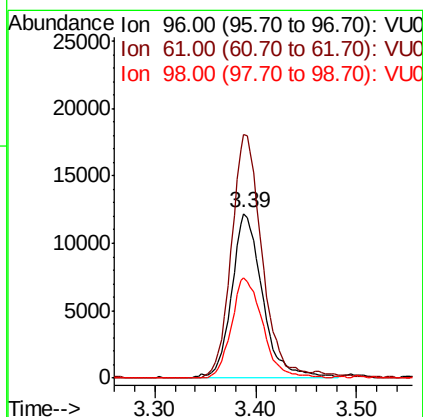
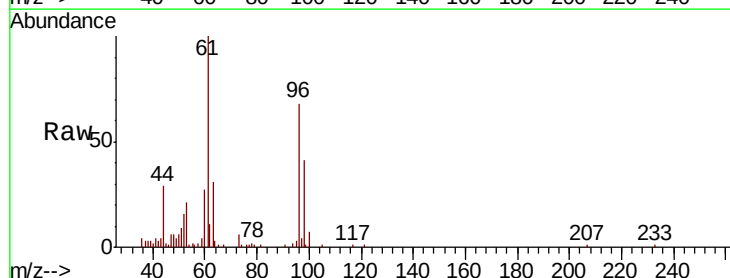
Instrument :
MSVOA_U
ClientSampled :

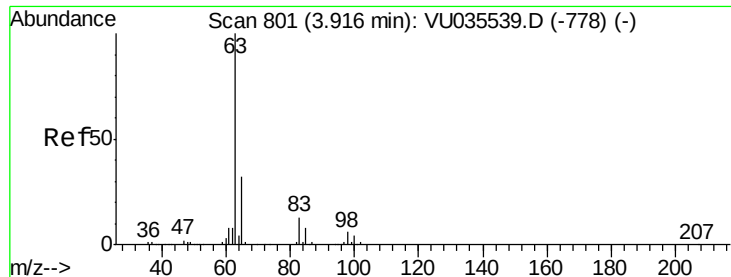
Tot Ion:	84	Resp:	31393
Ion	Ratio	Lower	Upper
84	100		
49	125.2	101.5	152.3
51	39.1	0.0	78.6
86	62.7	52.2	78.2



#16
trans-1,2-Dichloroethene
Concen: 1.124 ug/l
RT: 3.39 min Scan# 637
Delta R.T. -0.00 min
Lab File: VU035536.D
Acq: 29 Oct 2019 12:01

Tgt Ion:	96	Resp:	26038
Ion	Ratio	Lower	Upper
96	100		
61	148.1	117.8	176.8
98	60.9	50.2	75.2





#17

1,1-Dichloroethane

Concen: 1.100 ug/l

RT: 3.92 min Scan# 802

Delta R.T. 0.00 min

Lab File: VU035536.D

Acq: 29 Oct 2019 12:01

Instrument :
MSVOA_U
ClientSampled :

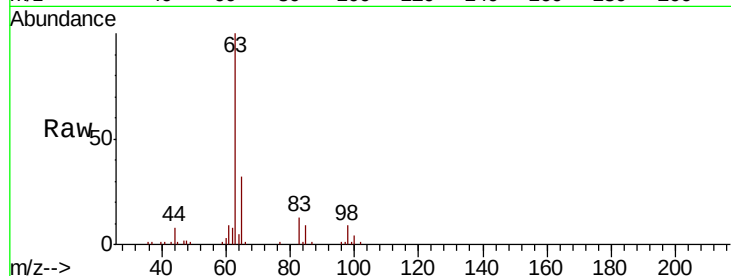
Tot Ion: 63 Resp: 48418

Ion Ratio Lower Upper

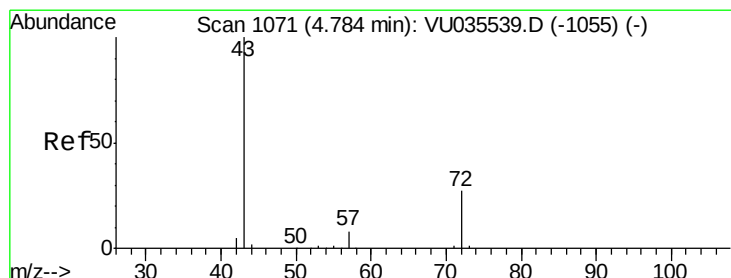
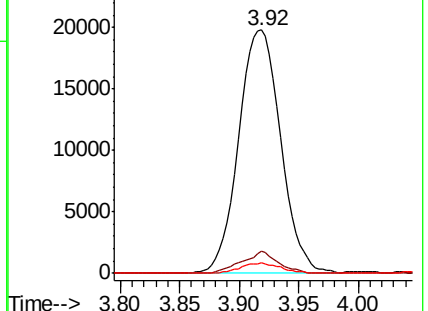
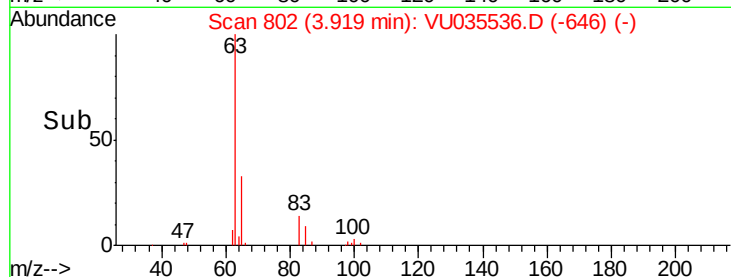
63 100

98 8.9 3.1 9.3

100 4.3 2.1 6.3



Abundance Ion 63.00 (62.70 to 63.70): VU035536.D (-646) (-)



#18

2-Butanone

Concen: 6.441 ug/l

RT: 4.79 min Scan# 1073

Delta R.T. 0.01 min

Lab File: VU035536.D

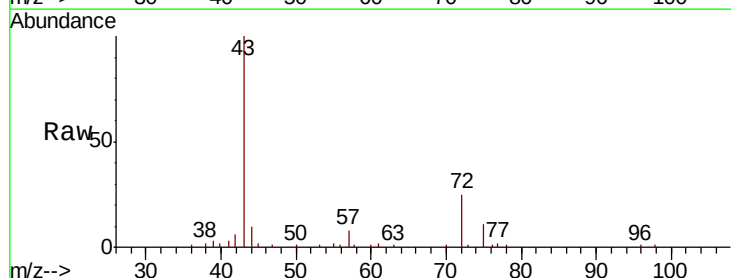
Acq: 29 Oct 2019 12:01

Tgt Ion: 43 Resp: 34249

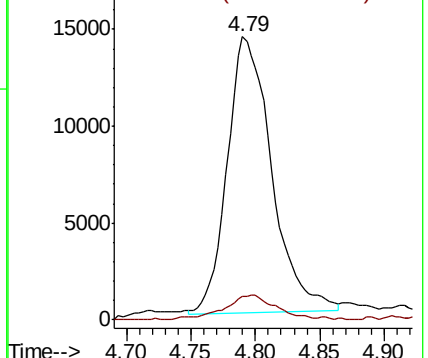
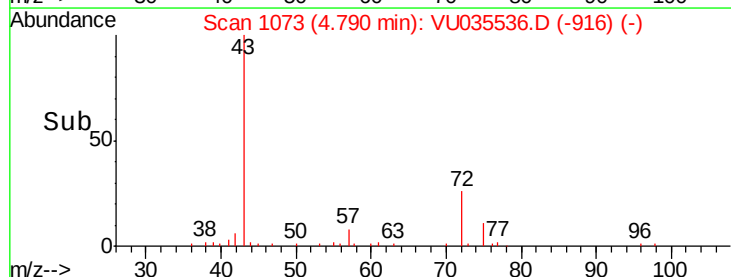
Ion Ratio Lower Upper

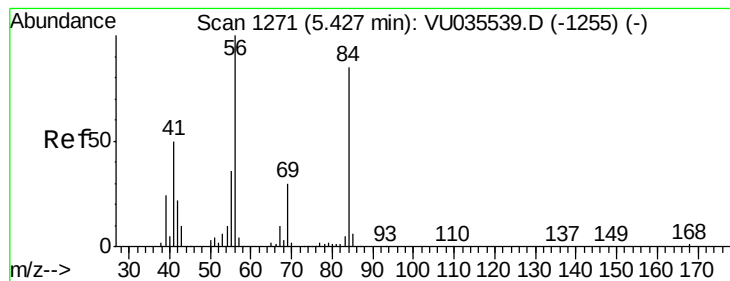
43 100

57 7.8 0.0 17.0



Abundance Ion 43.00 (42.70 to 43.70): VU035536.D (-916) (-)





#19

Cyclohexane

Concen: 0.980 ug/l

RT: 5.42 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VU035536.D

Acq: 29 Oct 2019 12:01

Instrument :
MSVOA_U
ClientSampled :

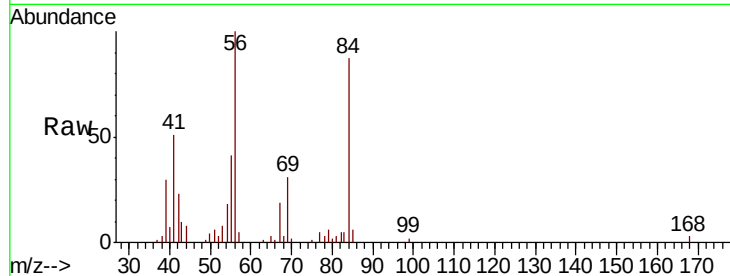
Tot Ion: 56 Resp: 33174

Ion Ratio Lower Upper

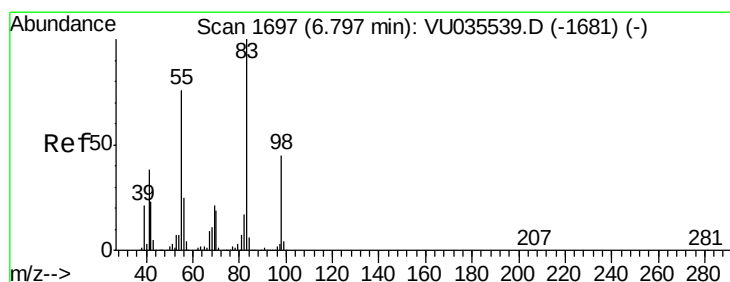
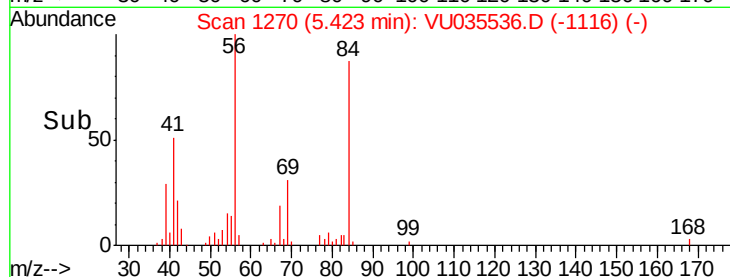
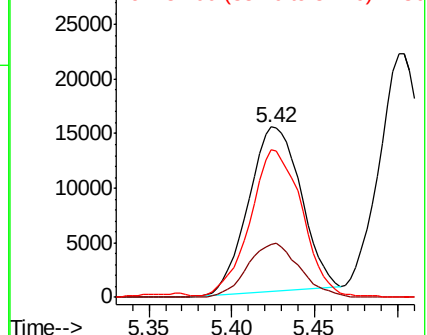
56 100

69 32.5 26.4 39.6

84 88.1 72.9 109.3



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



#20

Methylcyclohexane

Concen: 1.021 ug/l

RT: 6.80 min Scan# 1697

Delta R.T. -0.00 min

Lab File: VU035536.D

Acq: 29 Oct 2019 12:01

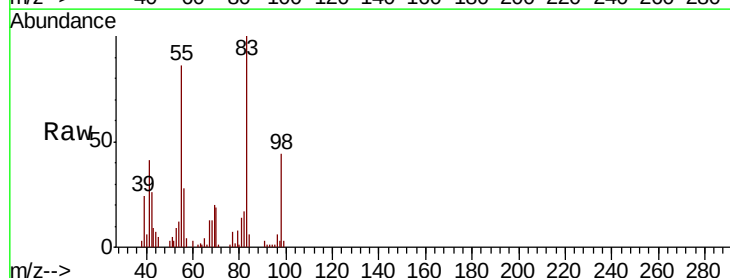
Tgt Ion: 83 Resp: 36521

Ion Ratio Lower Upper

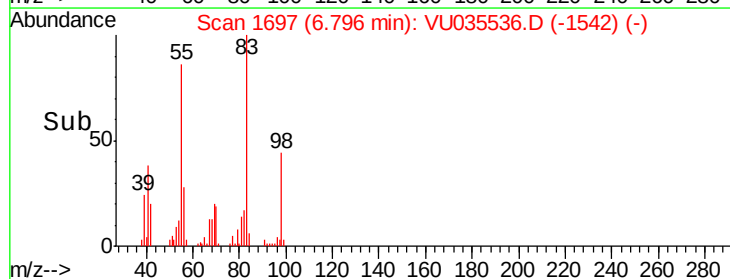
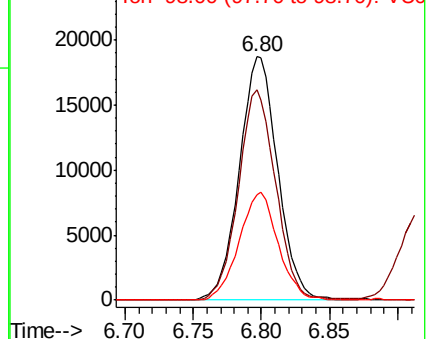
83 100

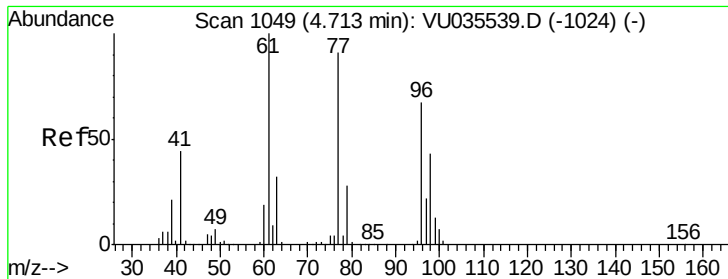
55 82.9 61.2 91.8

98 44.8 36.7 55.1



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

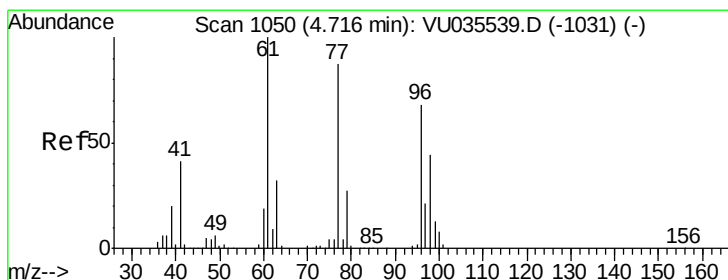
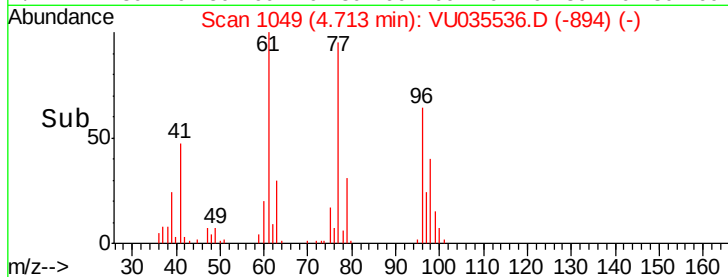
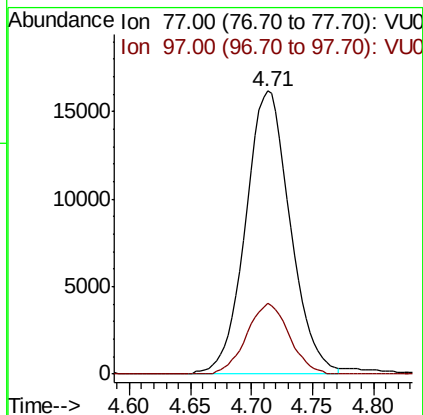
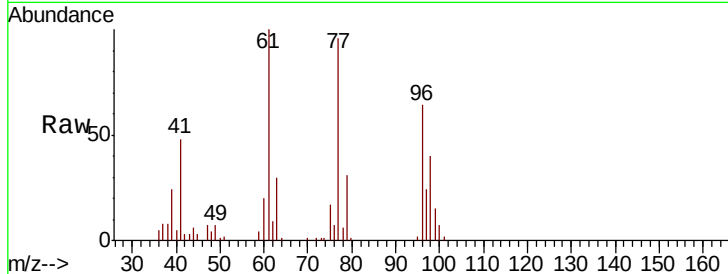




#21
 2,2-Dichloropropane
 Concen: 1.130 ug/l
 RT: 4.71 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: VU035536.D
 Acq: 29 Oct 2019 12:01

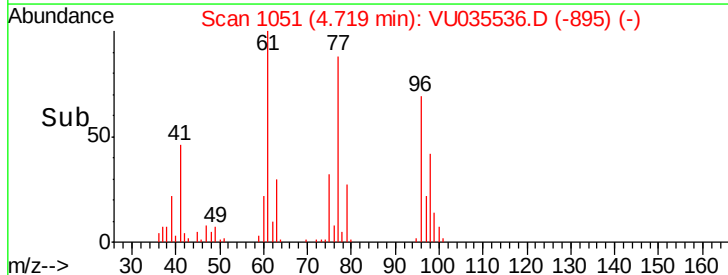
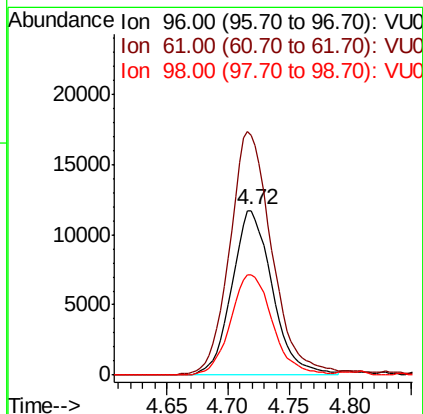
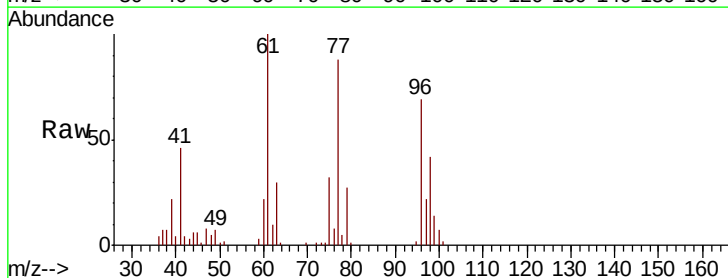
Instrument :
 MSVOA_U
 ClientSampled :

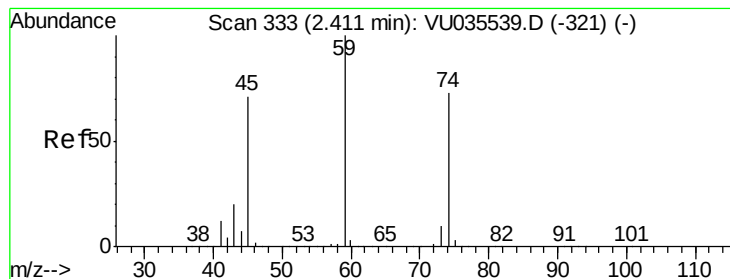
Tot Ion: 77 Resp: 41042
 Ion Ratio Lower Upper
 77 100
 97 23.8 18.8 28.2



#22
 cis-1,2-Dichloroethene
 Concen: 1.076 ug/l
 RT: 4.72 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VU035536.D
 Acq: 29 Oct 2019 12:01

Tgt Ion: 96 Resp: 26998
 Ion Ratio Lower Upper
 96 100
 61 154.6 0.0 370.5
 98 63.0 31.8 95.4





#23

Diethyl Ether

Concen: 1.232 ug/l

RT: 2.41 min Scan# 334

Delta R.T. 0.00 min

Lab File: VU035536.D

Acq: 29 Oct 2019 12:01

Instrument :

MSVOA_U

ClientSampleId :

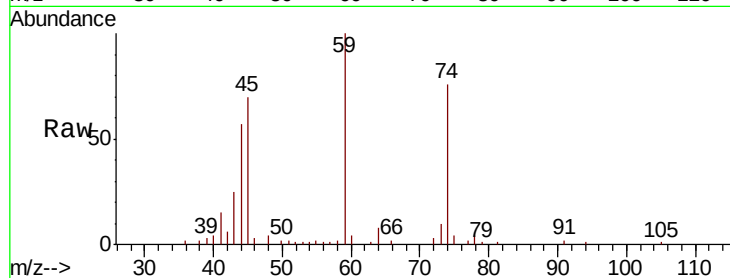
Tot Ion: 59 Resp: 19459

Ion Ratio Lower Upper

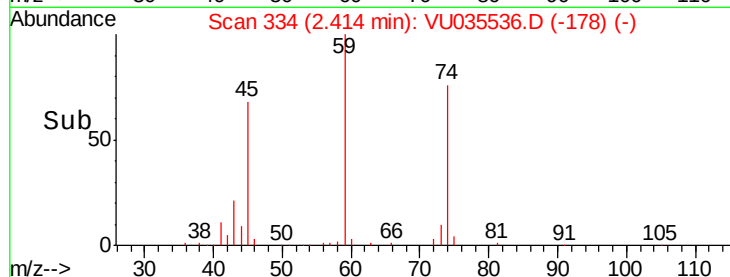
59 100

45 67.1 56.9 85.3

74 75.3 59.5 89.3

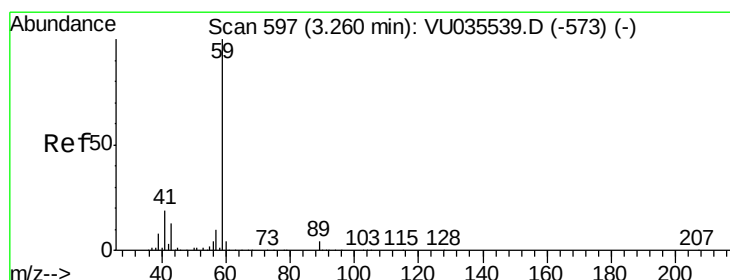
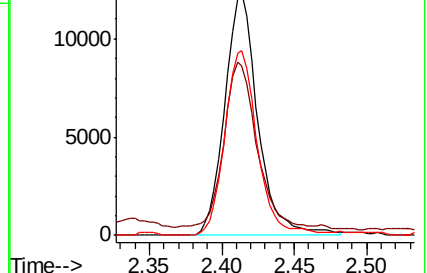


Abundance Ion 59.00 (58.70 to 59.70): VU035536.D (-178) (-)



Ion 45.00 (44.70 to 45.70): VU035536.D (-178) (-)

Ion 74.00 (73.70 to 74.70): VU035536.D (-178) (-)



#24

tert-Butyl Alcohol

Concen: 11.005 ug/l

RT: 3.27 min Scan# 601

Delta R.T. 0.01 min

Lab File: VU035536.D

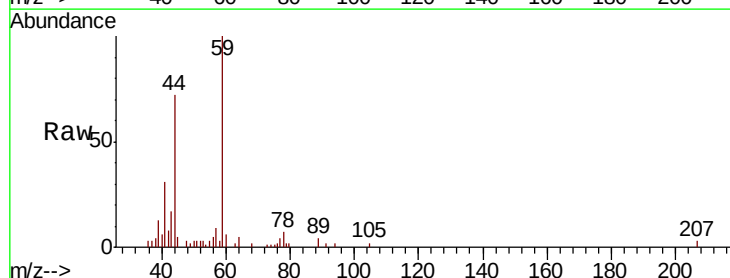
Acq: 29 Oct 2019 12:01

Tgt Ion: 59 Resp: 23896

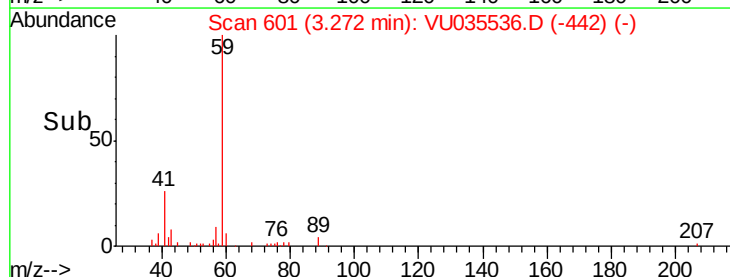
Ion Ratio Lower Upper

59 100

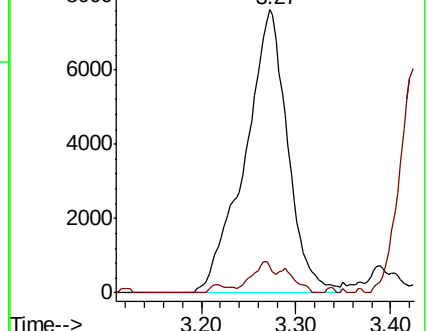
57 4.2 7.4 11.0#

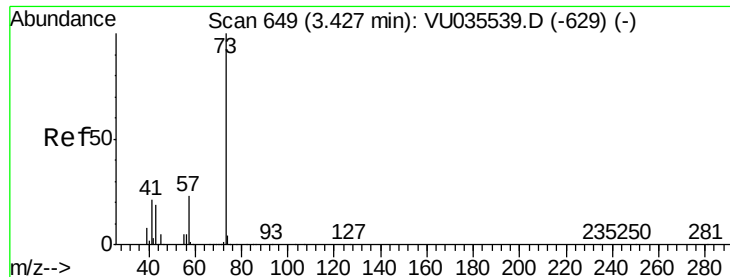


Abundance Ion 59.00 (58.70 to 59.70): VU035536.D (-442) (-)



Ion 57.00 (56.70 to 57.70): VU035536.D (-442) (-)





#25

Methyl tert-Butyl Ether

Concen: 1.232 ug/l

RT: 3.43 min Scan# 649

Delta R.T. -0.00 min

Lab File: VU035536.D

Acq: 29 Oct 2019 12:01

Instrument :

MSVOA_U

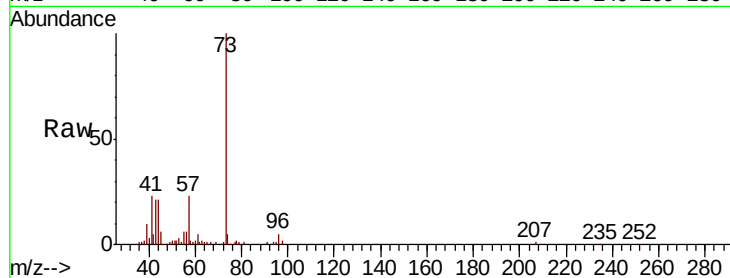
ClientSampled :

Tot Ion: 73 Resp: 62298

Ion Ratio Lower Upper

73 100

43 19.9 15.4 23.2

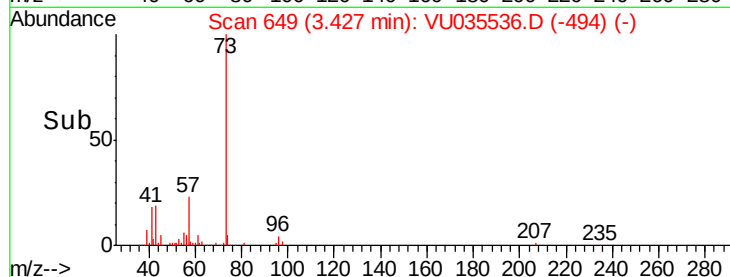


Abundance Ion 73.00 (72.70 to 73.70): VU035539.D (-629) (-)

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

3.43

Time-->



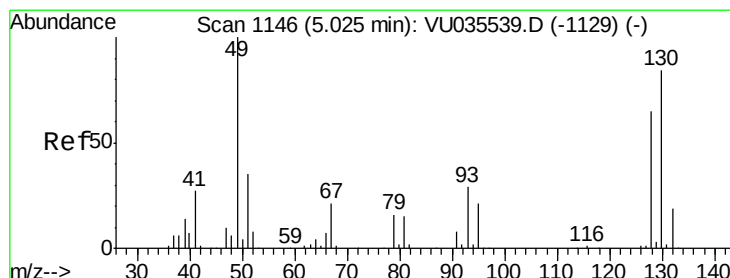
Abundance

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

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

3.43

Time-->



#26

Bromochloromethane

Concen: 1.190 ug/l

RT: 5.02 min Scan# 1146

Delta R.T. -0.00 min

Lab File: VU035536.D

Acq: 29 Oct 2019 12:01

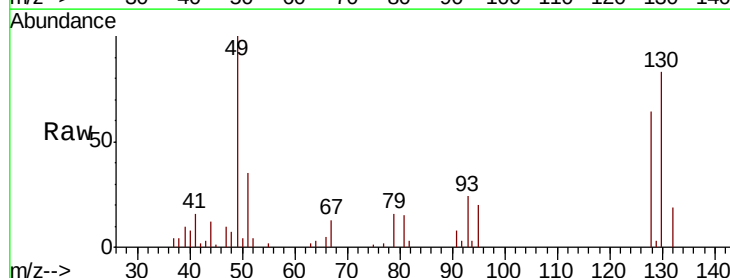
Tgt Ion: 128 Resp: 12675

Ion Ratio Lower Upper

128 100

49 151.6 0.0 309.0

130 127.9 101.8 152.8



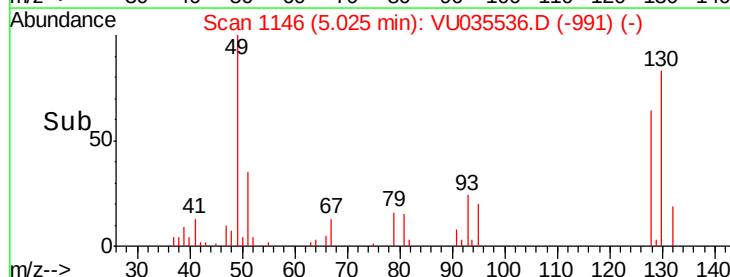
Abundance Ion 128.00 (127.70 to 128.70): VU035539.D (-1129) (-)

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

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

5.02

Time-->



Abundance

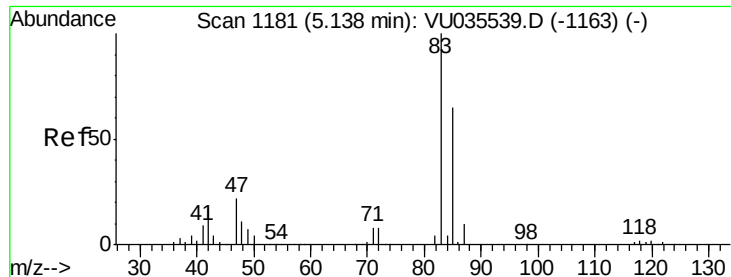
Ion 128.00 (127.70 to 128.70): VU035539.D (-1129) (-)

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

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

5.02

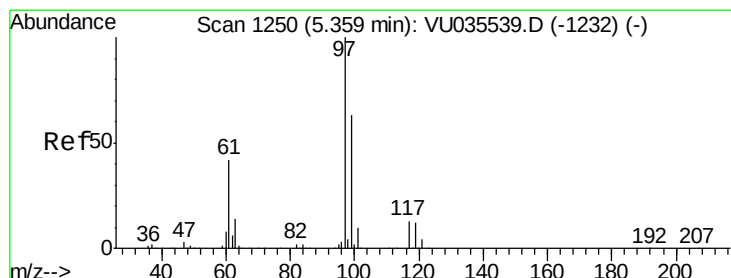
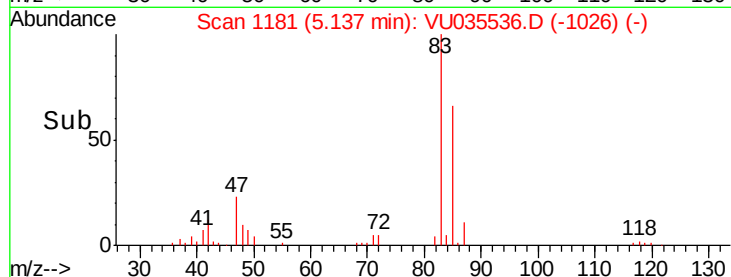
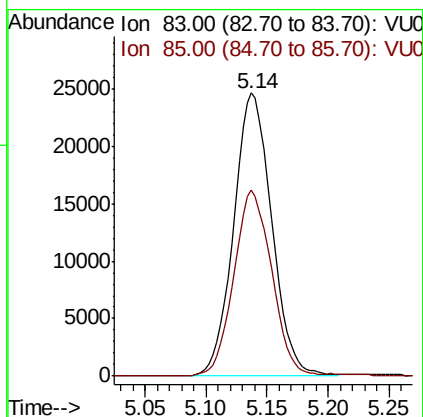
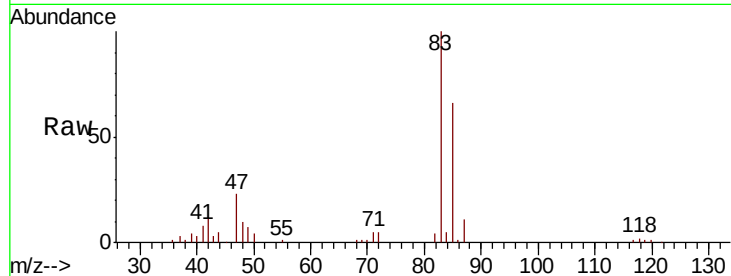
Time-->



#27
Chloroform
Concen: 1.158 ug/l
RT: 5.14 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU035536.D
Acq: 29 Oct 2019 12:01

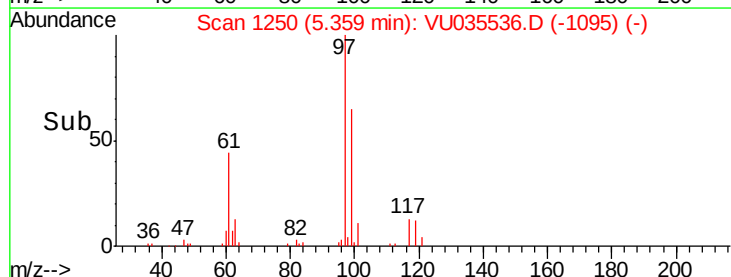
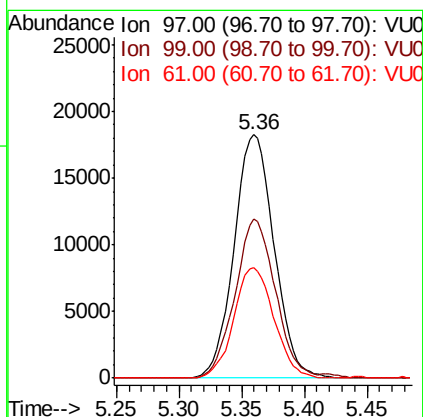
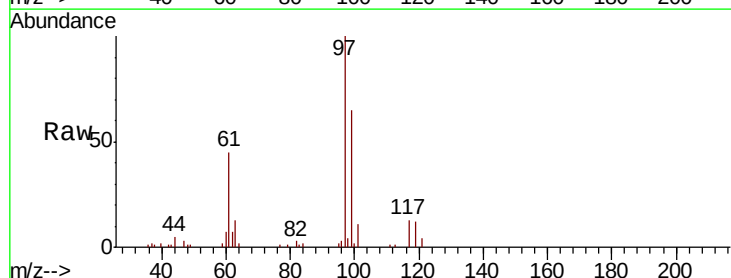
Instrument :
MSVOA_U
ClientSampled :

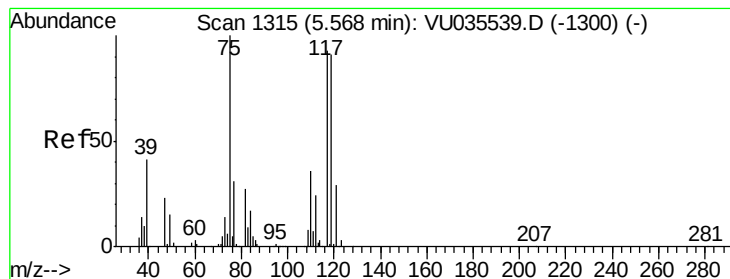
Tot Ion: 83 Resp: 53258
Ion Ratio Lower Upper
83 100
85 65.9 0.0 130.6



#28
1,1,1-Trichloroethane
Concen: 1.126 ug/l
RT: 5.36 min Scan# 1250
Delta R.T. -0.00 min
Lab File: VU035536.D
Acq: 29 Oct 2019 12:01

Tgt Ion: 97 Resp: 40520
Ion Ratio Lower Upper
97 100
99 65.7 32.6 97.7
61 45.4 21.8 65.4





#29

1,1-Dichloropropene

Concen: 1.052 ug/l

RT: 5.57 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VU035536.D

Acq: 29 Oct 2019 12:01

Instrument :
MSVOA_U
ClientSampleId :

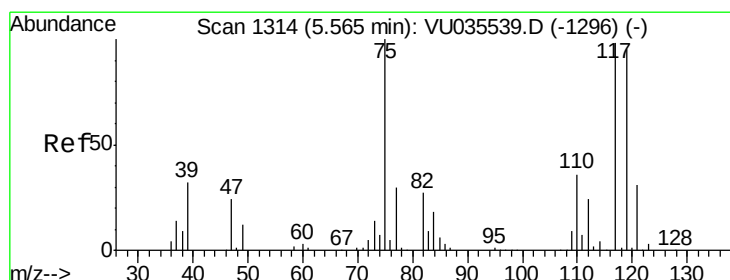
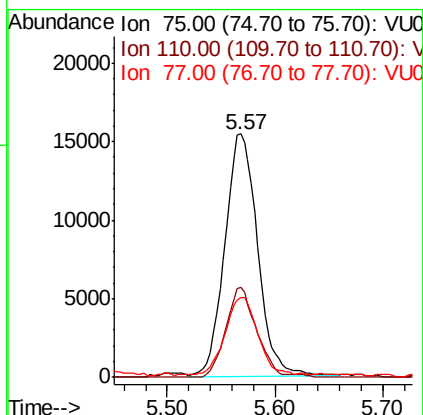
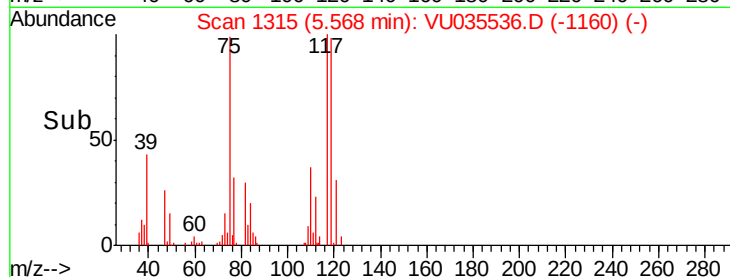
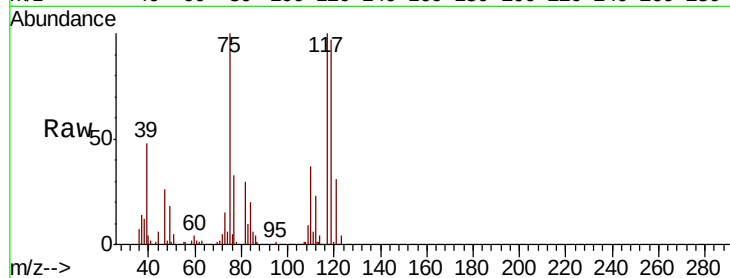
Tot Ion: 75 Resp: 32614

Ion Ratio Lower Upper

75 100

110 35.3 18.3 54.8

77 31.1 24.6 37.0



#30

Carbon Tetrachloride

Concen: 1.105 ug/l

RT: 5.56 min Scan# 1314

Delta R.T. -0.00 min

Lab File: VU035536.D

Acq: 29 Oct 2019 12:01

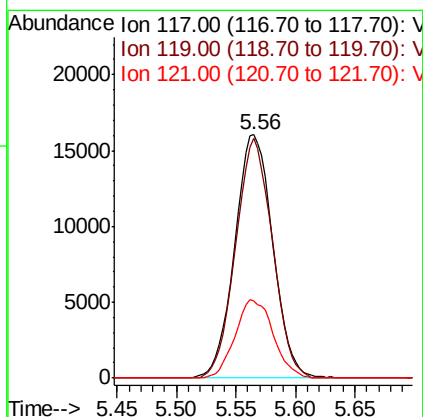
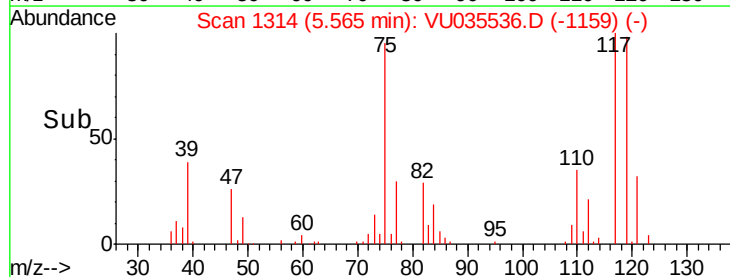
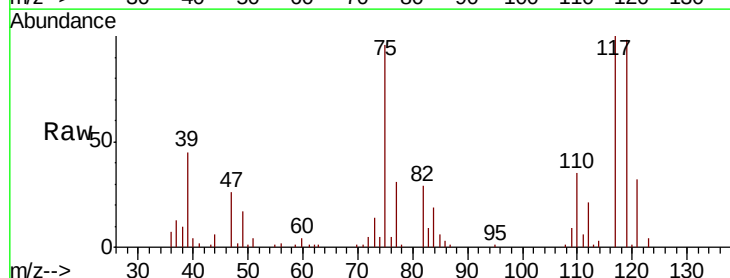
Tgt Ion: 117 Resp: 35617

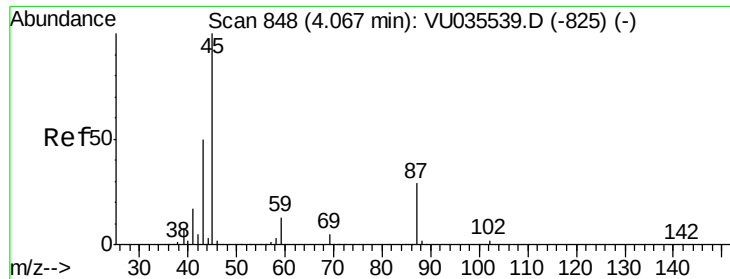
Ion Ratio Lower Upper

117 100

119 98.3 77.3 115.9

121 31.7 25.2 37.8





#31

Isopropyl Ether

Concen: 1.021 ug/l

RT: 4.06 min Scan# 847

Delta R.T. -0.00 min

Lab File: VU035536.D

Acq: 29 Oct 2019 12:01

Instrument :

MSVOA_U

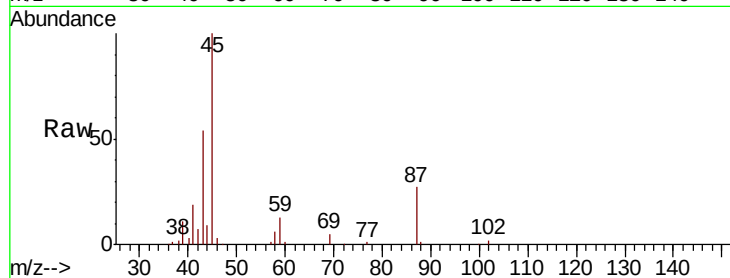
ClientSampleId :

Tot Ion: 45 Resp: 64436

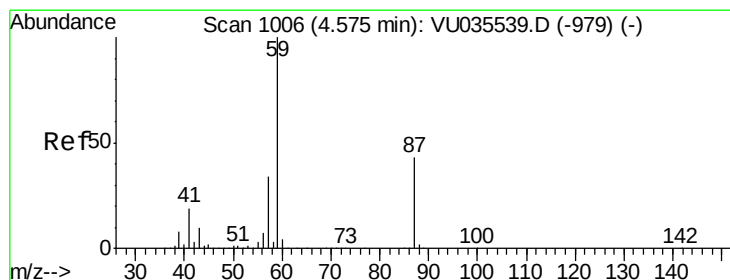
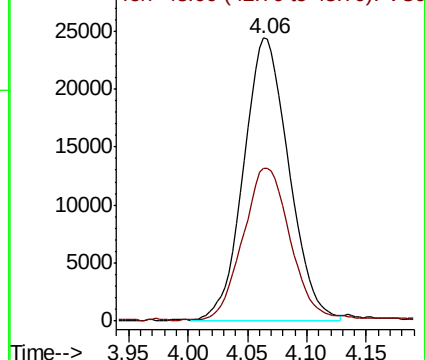
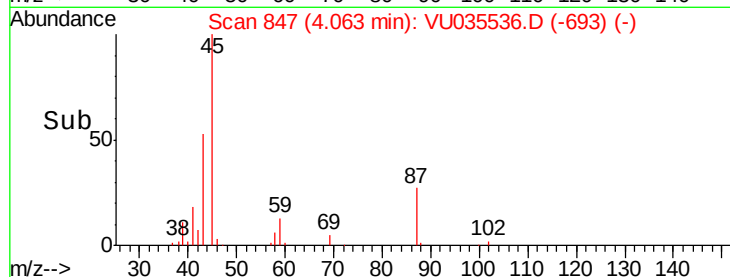
Ion Ratio Lower Upper

45 100

43 57.4 25.3 75.8



Abundance Ion 45.00 (44.70 to 45.70): VU035536.D (-693) (-)



#32

Ethyl-t-butyl ether

Concen: 1.063 ug/l

RT: 4.57 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VU035536.D

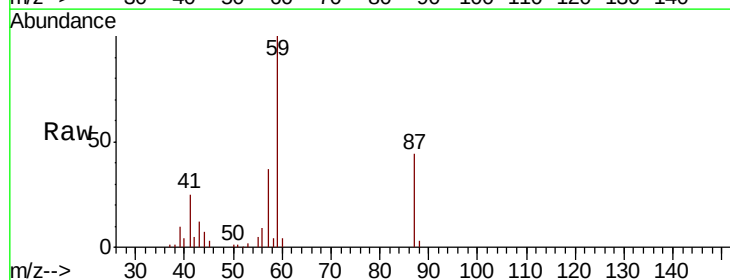
Acq: 29 Oct 2019 12:01

Tgt Ion: 59 Resp: 58183

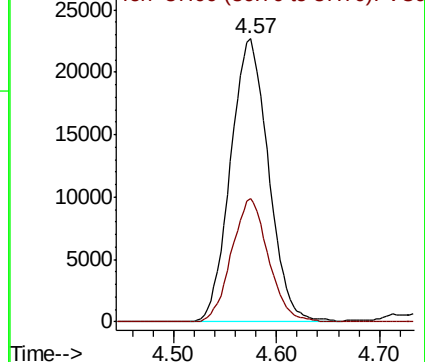
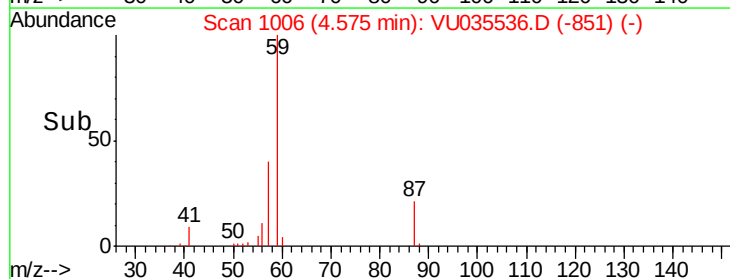
Ion Ratio Lower Upper

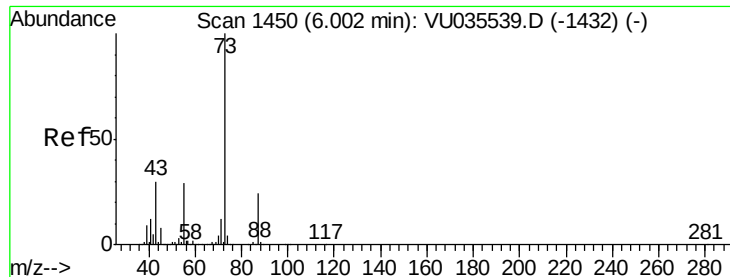
59 100

87 42.1 33.9 50.9



Abundance Ion 59.00 (58.70 to 59.70): VU035536.D (-851) (-)

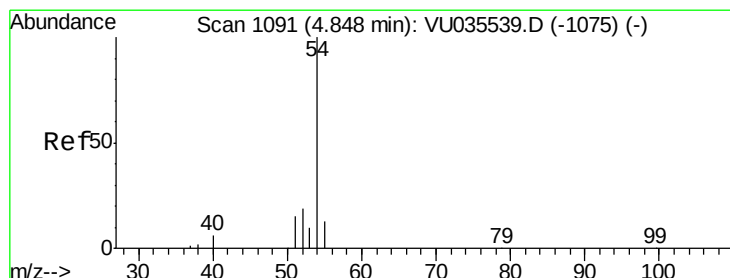
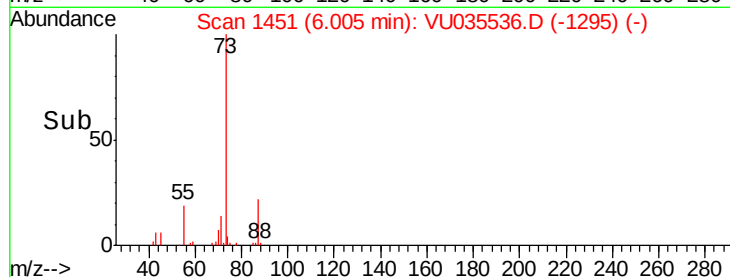
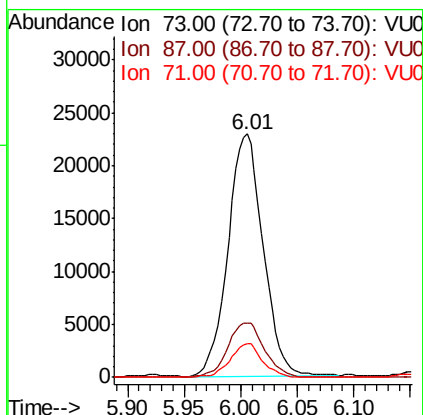
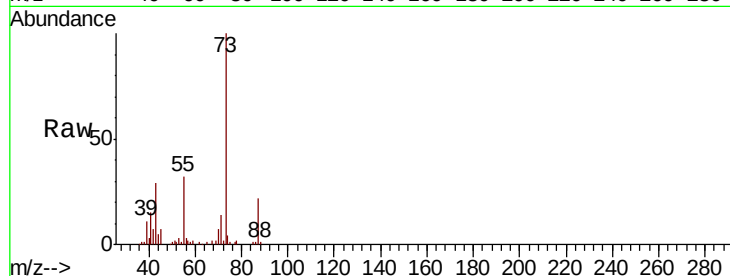




#33
Tert-Butyl methyl ether
Concen: 1.076 ug/l
RT: 6.01 min Scan# 1451
Delta R.T. 0.00 min
Lab File: VU035536.D
Acq: 29 Oct 2019 12:01

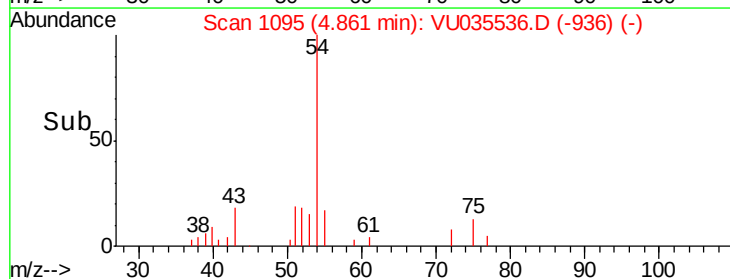
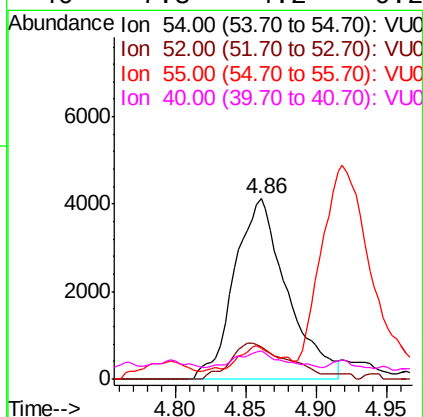
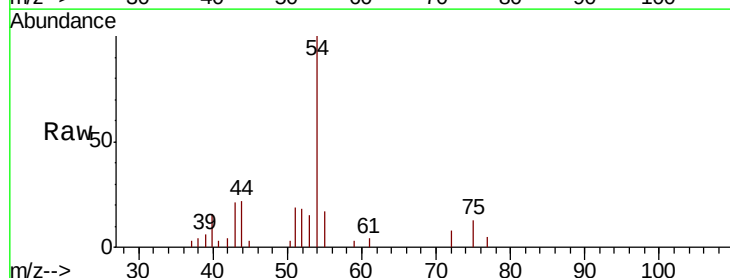
Instrument :
MSVOA_U
ClientSampleId :

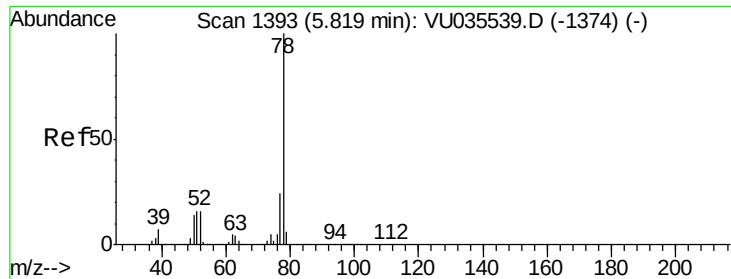
Tot Ion: 73 Resp: 49548
Ion Ratio Lower Upper
73 100
87 23.4 19.5 29.3
71 12.7 9.4 14.2



#34
Propionitrile
Concen: 7.065 ug/l
RT: 4.86 min Scan# 1095
Delta R.T. 0.01 min
Lab File: VU035536.D
Acq: 29 Oct 2019 12:01

Tgt Ion: 54 Resp: 10745
Ion Ratio Lower Upper
54 100
52 21.0 14.6 21.8
55 10.3 11.7 17.5#
40 7.3 4.2 6.2#





#35

Benzene

Concen: 1.092 ug/l

RT: 5.82 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VU035536.D

Acq: 29 Oct 2019 12:01

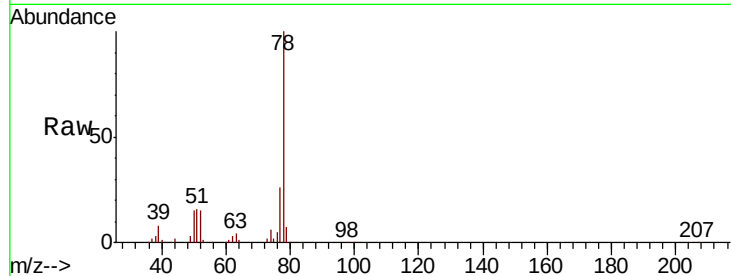
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 78 Resp: 101607

Ion Ratio Lower Upper

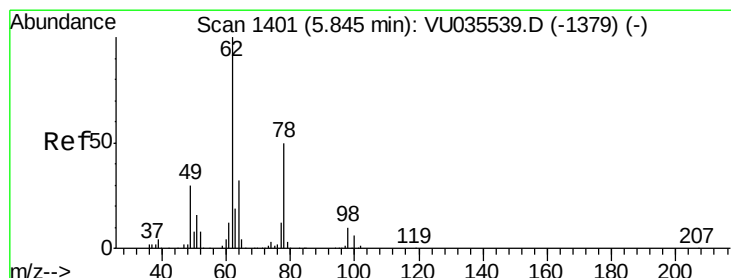
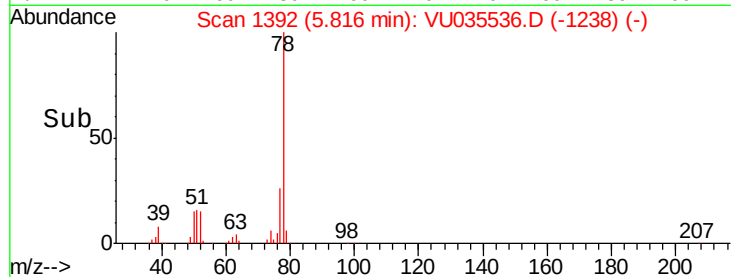
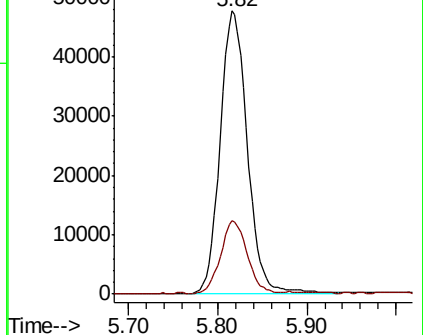
78 100

77 25.6 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: 1.221 ug/l

RT: 5.84 min Scan# 1401

Delta R.T. -0.00 min

Lab File: VU035536.D

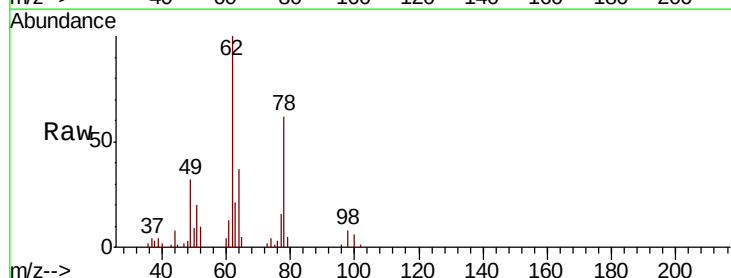
Acq: 29 Oct 2019 12:01

Tgt Ion: 62 Resp: 29582

Ion Ratio Lower Upper

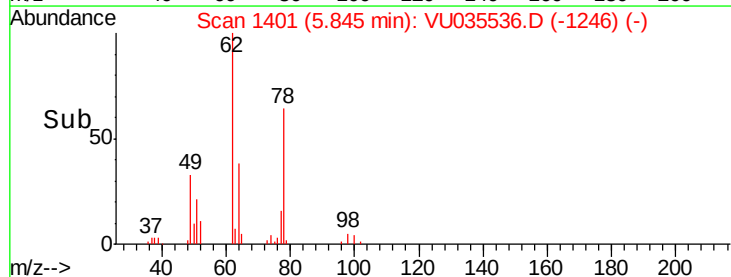
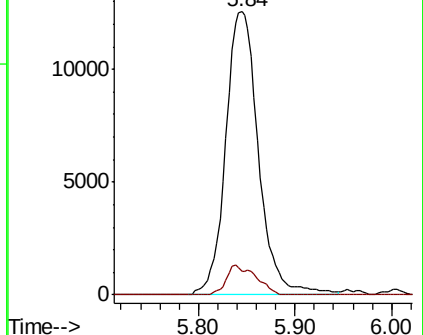
62 100

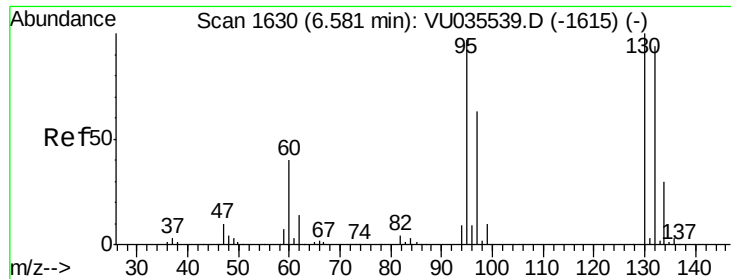
98 9.4 7.5 11.3



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

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

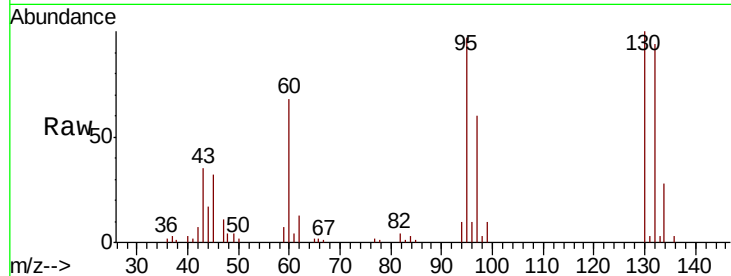




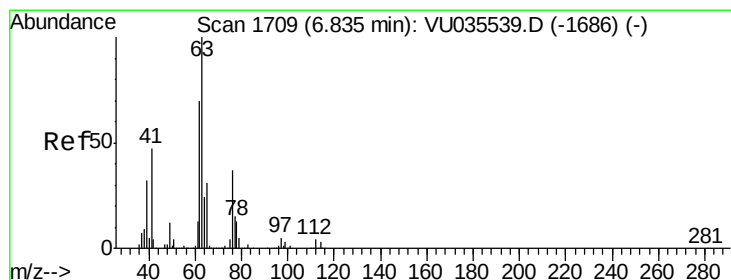
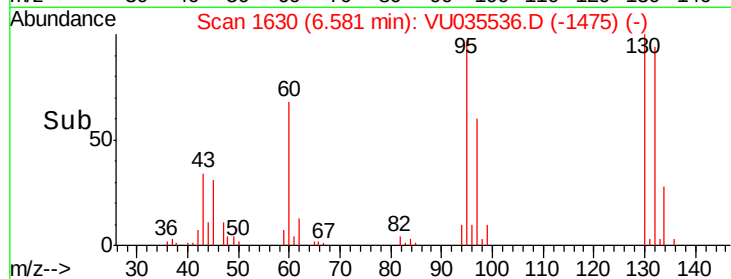
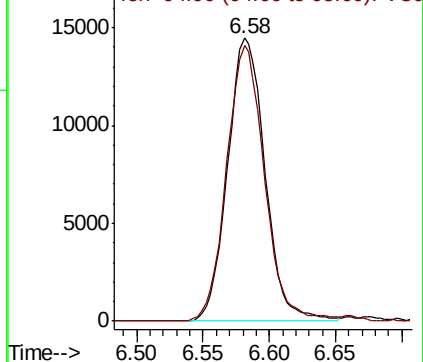
#37
 Trichloroethene
 Concen: 1.090 ug/l
 RT: 6.58 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: VU035536.D
 Acq: 29 Oct 2019 12:01

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:130 Resp: 28342
 Ion Ratio Lower Upper
 130 100
 95 97.2 77.5 116.3

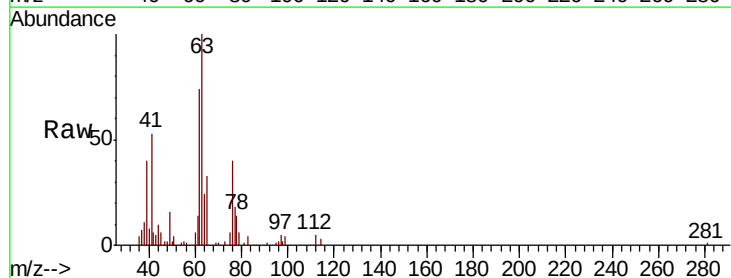


Abundance Ion 129.90 (129.60 to 130.60): VU035536.D (-1475) (-)
 Ion 94.90 (94.60 to 95.60): VU035536.D (-1475) (-)

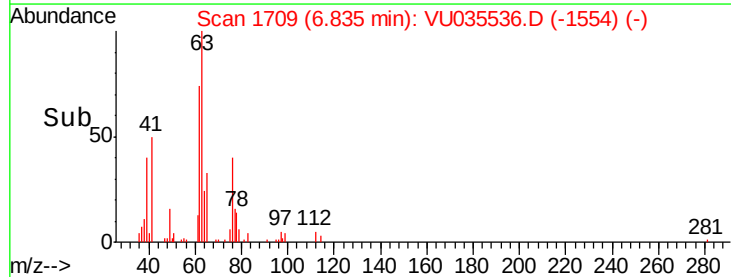
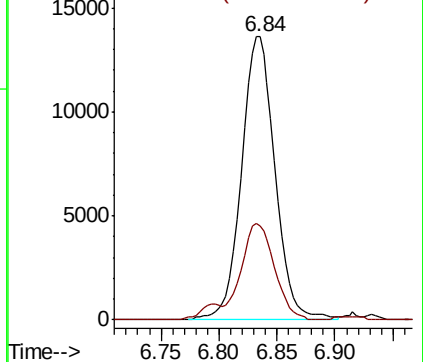


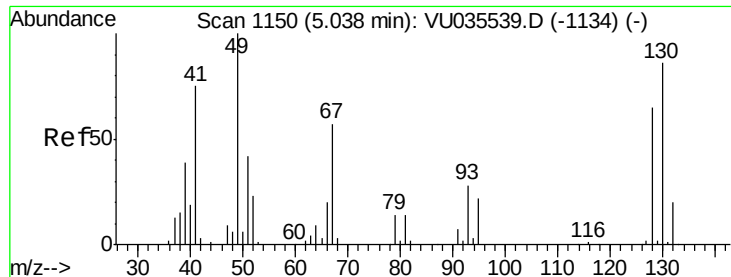
#38
 1,2-Dichloropropane
 Concen: 1.105 ug/l
 RT: 6.84 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: VU035536.D
 Acq: 29 Oct 2019 12:01

Tgt Ion: 63 Resp: 27367
 Ion Ratio Lower Upper
 63 100
 65 32.0 25.0 37.6



Abundance Ion 63.00 (62.70 to 63.70): VU035536.D (-1554) (-)
 Ion 65.00 (64.70 to 65.70): VU035536.D (-1554) (-)

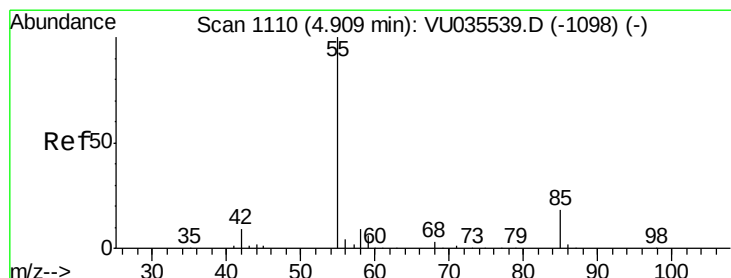
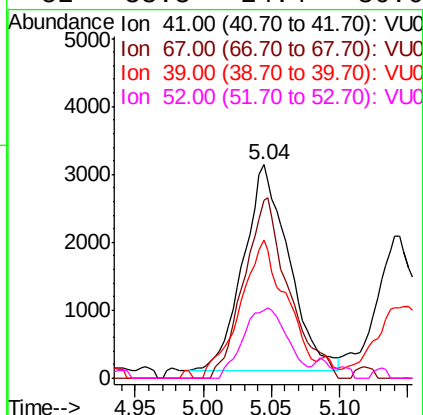
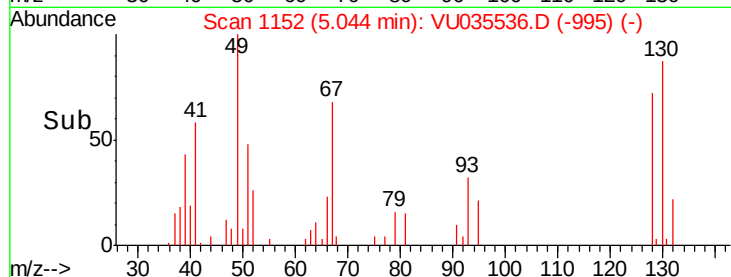
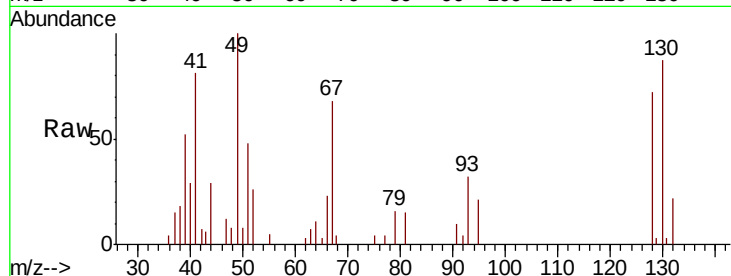




#39
Methacrylonitrile
Concen: 1.113 ug/l
RT: 5.04 min Scan# 1152
Delta R.T. 0.01 min
Lab File: VU035536.D
Acq: 29 Oct 2019 12:01

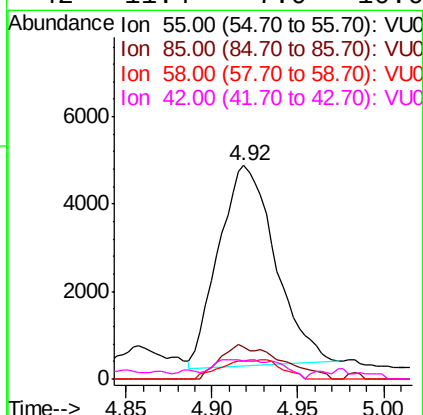
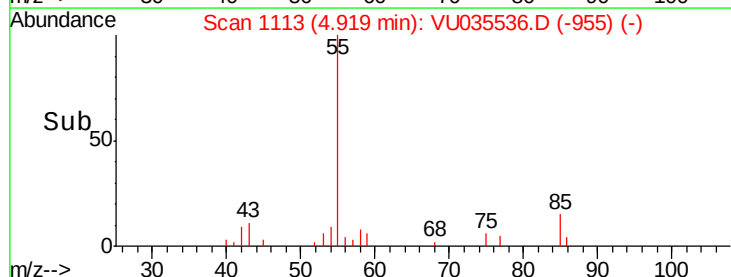
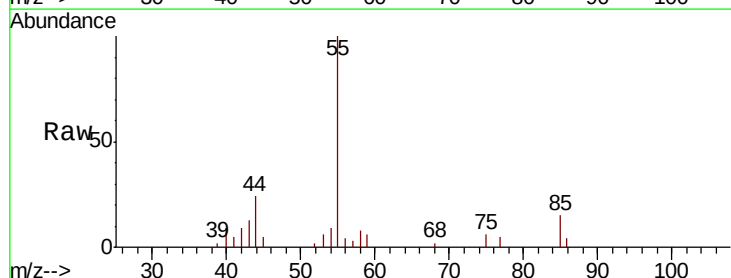
Instrument :
MSVOA_U
ClientSampled :

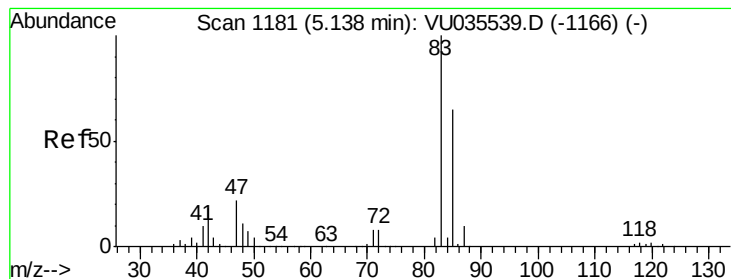
Tot Ion:	41	Resp:	6995
Ion	Ratio	Lower	Upper
41	100		
67	86.1	61.5	92.3
39	68.8	41.3	61.9#
52	33.3	24.4	36.6



#40
Methyl acrylate
Concen: 1.095 ug/l
RT: 4.92 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VU035536.D
Acq: 29 Oct 2019 12:01

Tgt Ion:	55	Resp:	10504
Ion	Ratio	Lower	Upper
55	100		
85	18.2	13.5	20.3
58	10.2	6.6	10.0#
42	11.4	7.0	10.6#





#41

Tetrahydrofuran

Concen: 2.402 ug/l

RT: 5.14 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VU035536.D

Acq: 29 Oct 2019 12:01

Instrument :

MSVOA_U

ClientSampleId :

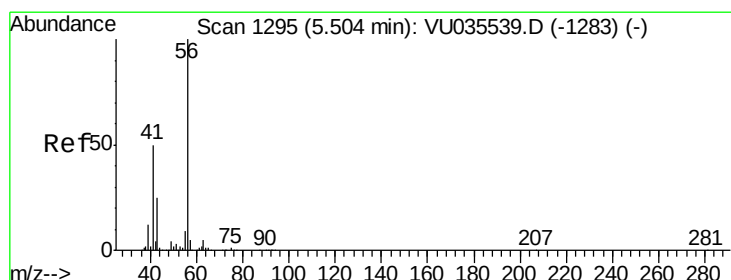
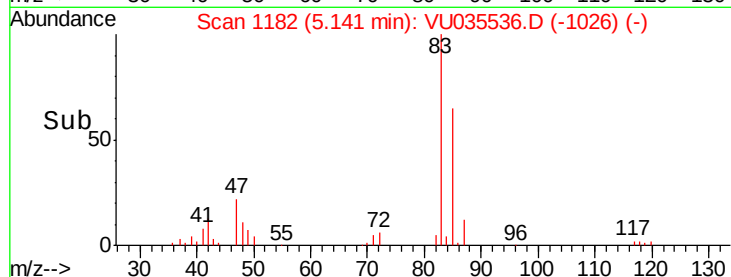
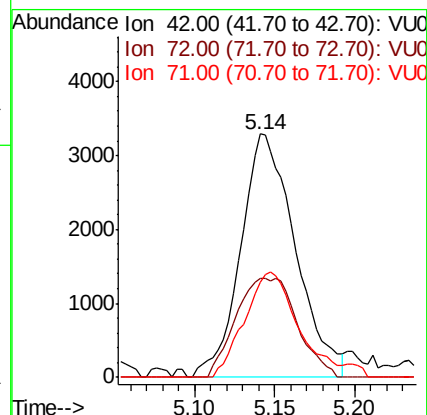
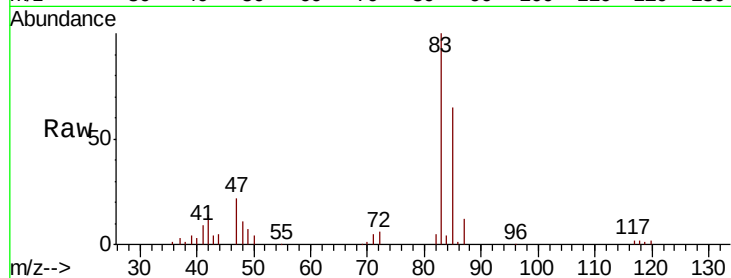
Tot Ion: 42 Resp: 7720

Ion Ratio Lower Upper

42 100

72 45.6 89.9 134.9#

71 42.3 3.7 5.5#



#42

1-Chlorobutane

Concen: 1.060 ug/l

RT: 5.50 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VU035536.D

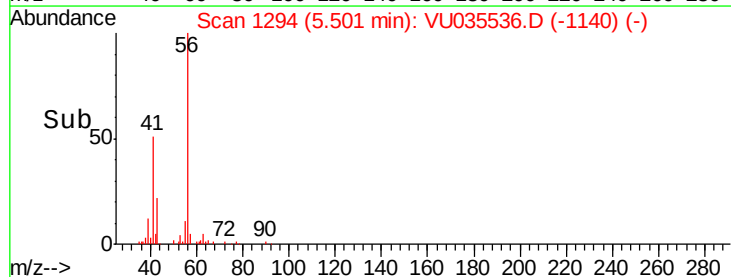
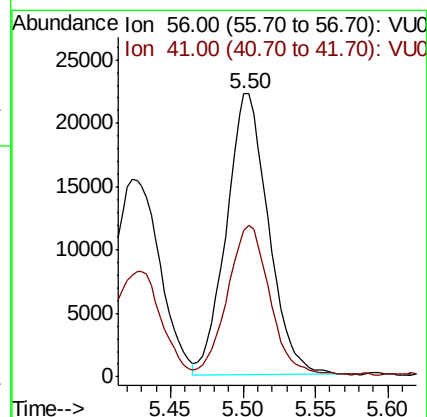
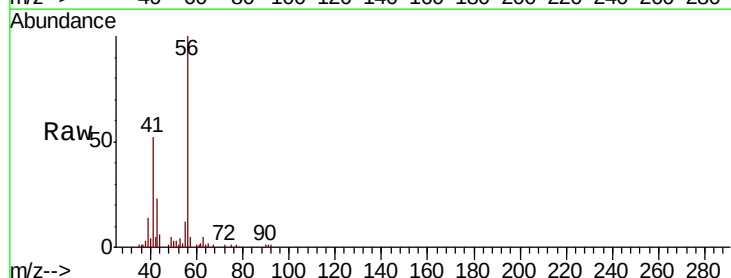
Acq: 29 Oct 2019 12:01

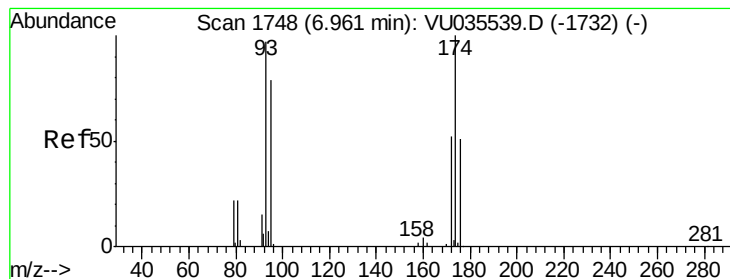
Tgt Ion: 56 Resp: 44598

Ion Ratio Lower Upper

56 100

41 53.8 25.5 76.5





#43

Dibromomethane

Concen: 1.212 ug/l

RT: 6.96 min Scan# 1749

Delta R.T. 0.00 min

Lab File: VU035536.D

Acq: 29 Oct 2019 12:01

Instrument :
MSVOA_U
ClientSampleId :

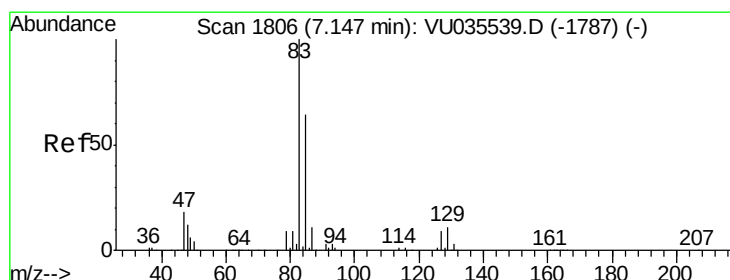
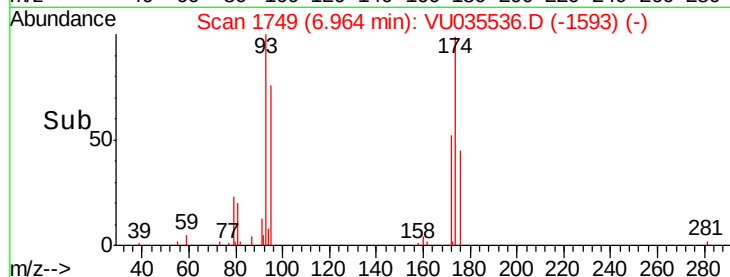
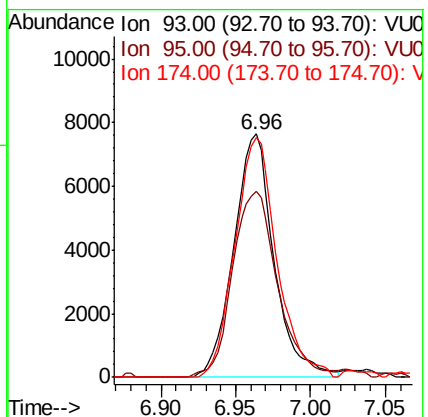
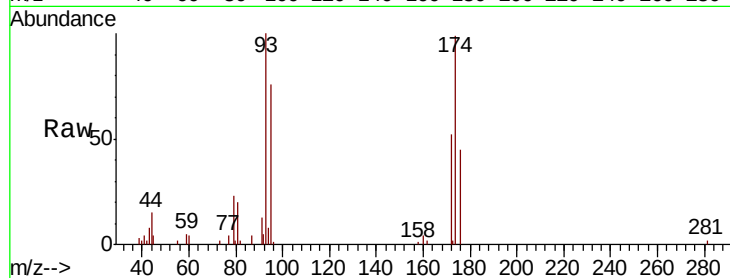
Tot Ion: 93 Resp: 14372

Ion Ratio Lower Upper

93 100

95 85.3 65.1 97.7

174 102.5 84.2 126.4



#44

Bromodichloromethane

Concen: 1.216 ug/l

RT: 7.15 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VU035536.D

Acq: 29 Oct 2019 12:01

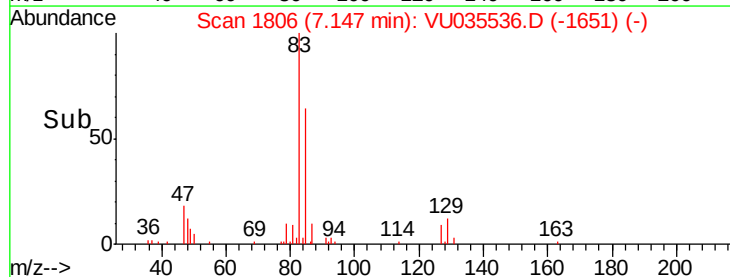
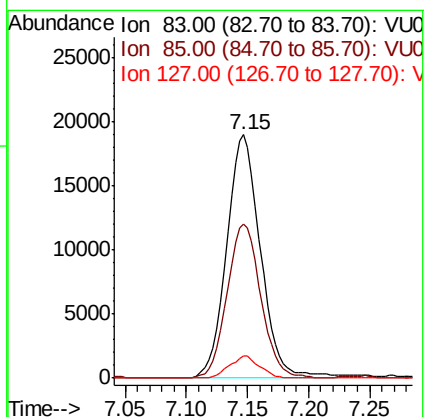
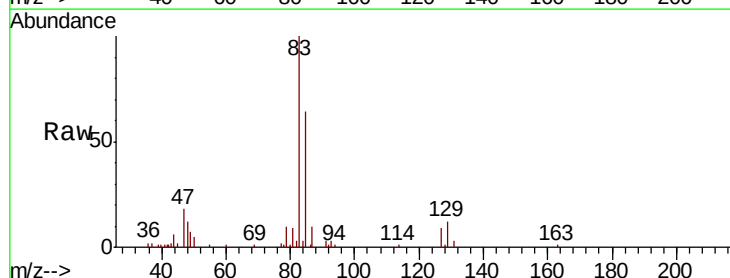
Tgt Ion: 83 Resp: 36630

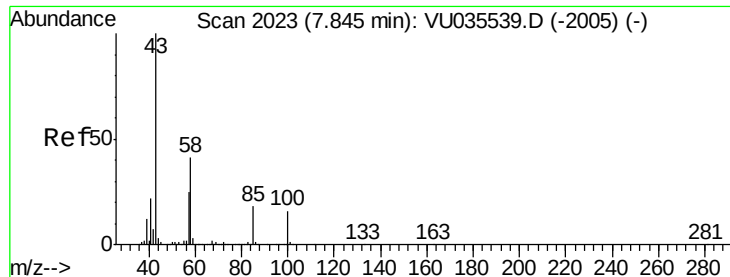
Ion Ratio Lower Upper

83 100

85 63.5 51.6 77.4

127 9.3 7.0 10.4

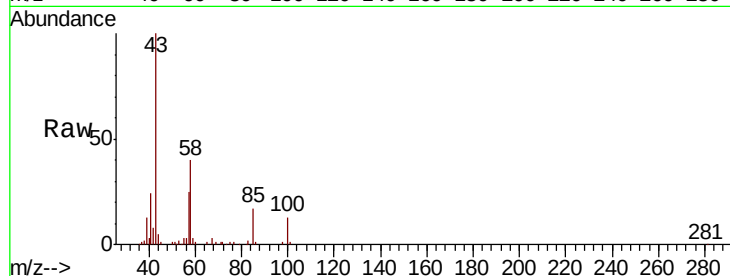




#45
 4-Methyl-2-Pentanone
 Concen: 5.729 ug/l
 RT: 7.85 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: VU035536.D
 Acq: 29 Oct 2019 12:01

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.9	20.6	61.8
85	17.5	14.5	21.7

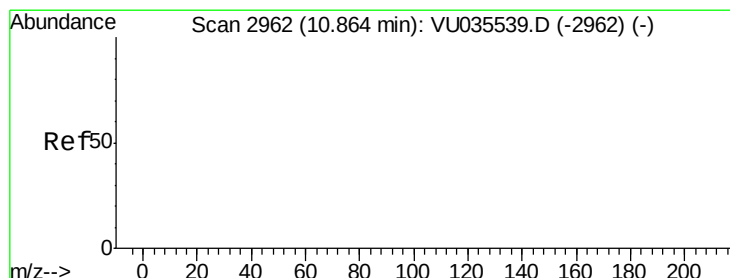
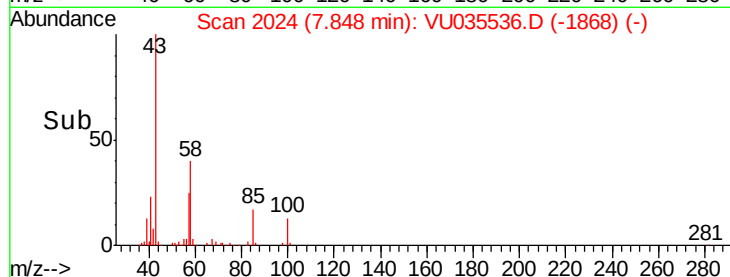
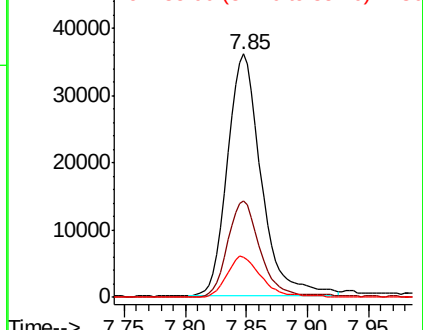


Abundance

Ion 43.00 (42.70 to 43.70): VU0

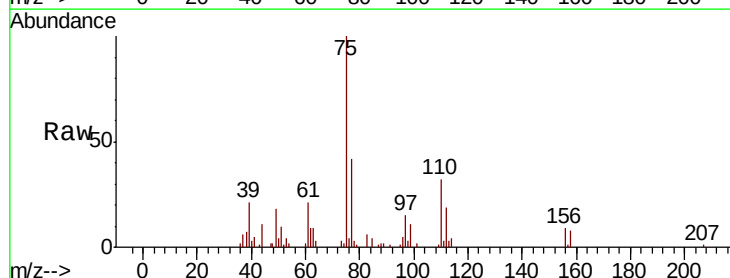
Ion 58.00 (57.70 to 58.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#46
 t-1,4-Dichloro-2-butene
 Concen: 6.127 ug/l
 RT: 10.85 min Scan# 2959
 Delta R.T. -0.01 min
 Lab File: VU035536.D
 Acq: 29 Oct 2019 12:01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	27.2	54.1	81.1#
89	17.5	38.2	57.4#
88	14.4	30.6	45.8#



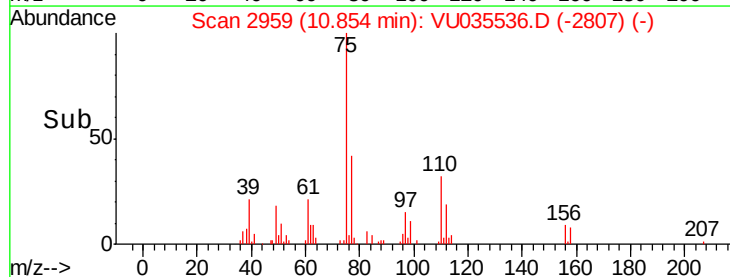
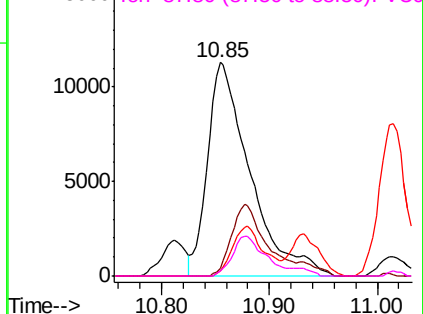
Abundance

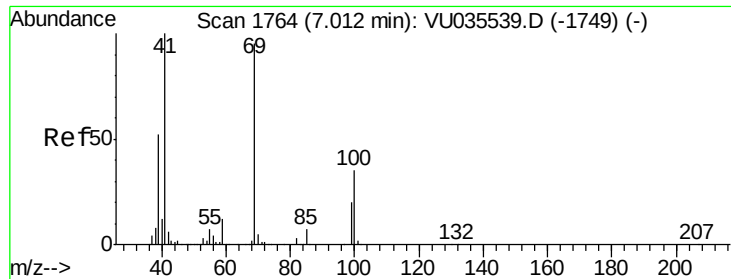
Ion 74.90 (74.60 to 75.60): VU0

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





#47

Methyl methacrylate

Concen: 2.339 ug/l

RT: 7.02 min Scan# 1765

Delta R.T. 0.00 min

Lab File: VU035536.D

Acq: 29 Oct 2019 12:01

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 69 Resp: 22150

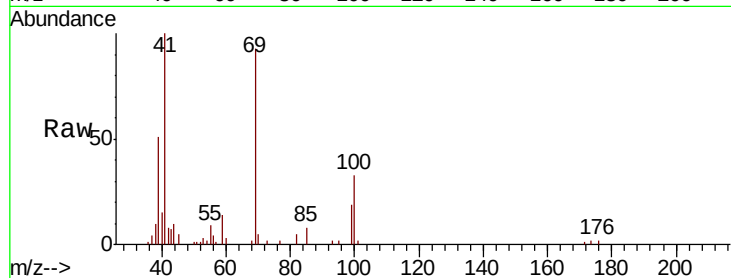
Ion Ratio Lower Upper

69 100

41 103.9 0.0 216.8

39 50.3 45.1 67.7

100 36.0 29.8 44.6

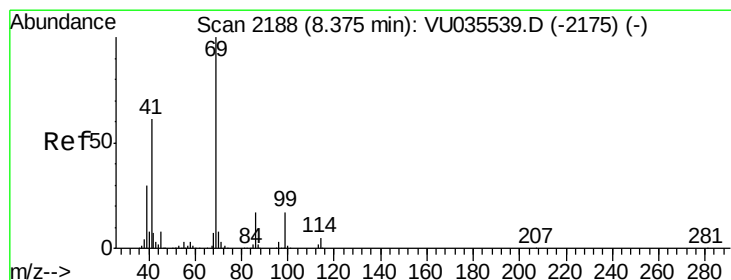
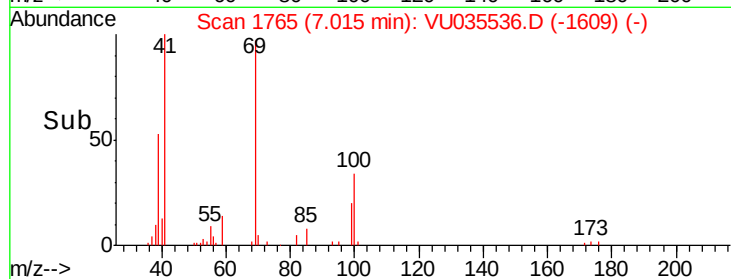
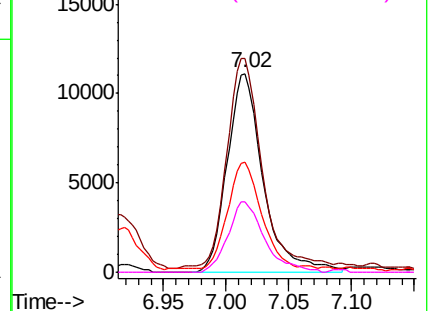


Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 100.00 (99.70 to 100.70): VU0



#48

Ethyl methacrylate

Concen: 1.022 ug/l

RT: 8.38 min Scan# 2188

Delta R.T. -0.00 min

Lab File: VU035536.D

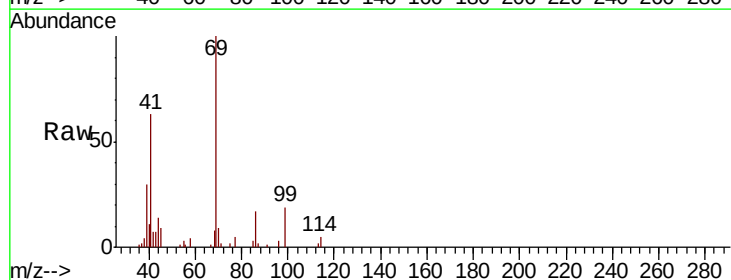
Acq: 29 Oct 2019 12:01

Tgt Ion: 69 Resp: 17459

Ion Ratio Lower Upper

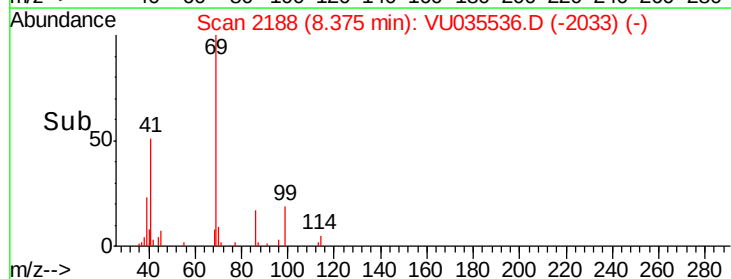
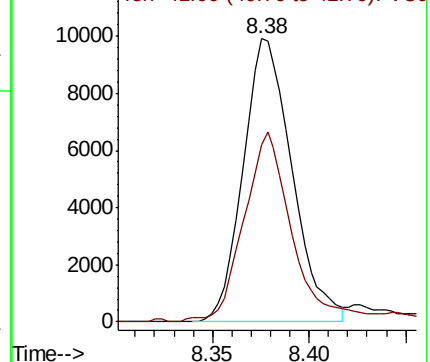
69 100

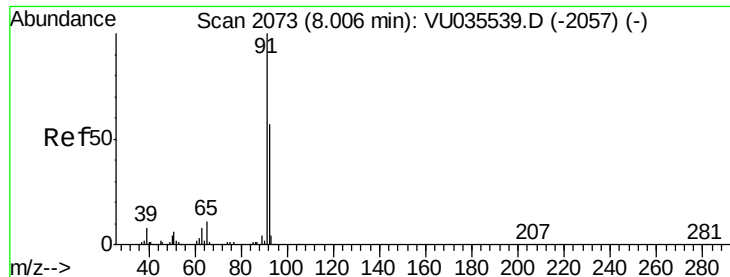
41 66.0 30.4 91.2



Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#49

Toluene

Concen: 1.037 ug/l

RT: 8.01 min Scan# 2073

Delta R.T. -0.00 min

Lab File: VU035536.D

Acq: 29 Oct 2019 12:01

Instrument :

MSVOA_U

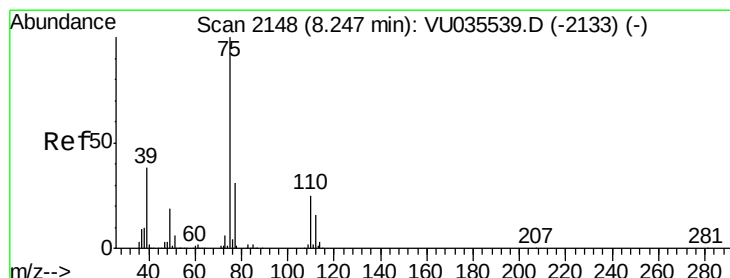
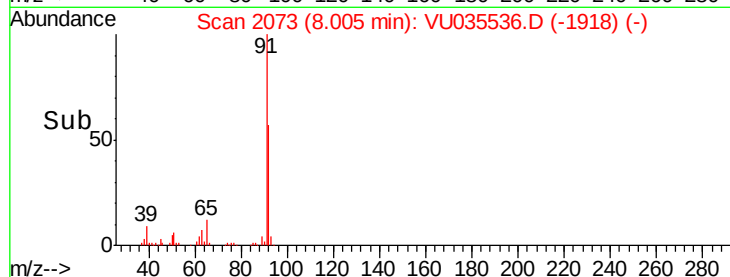
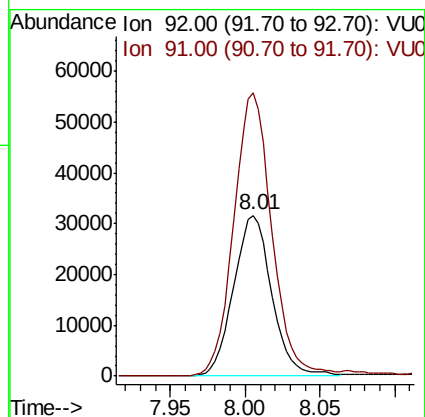
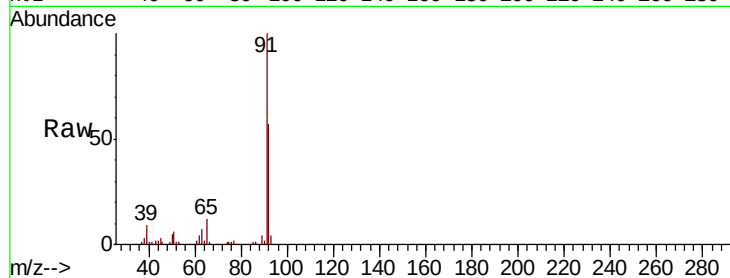
ClientSampleId :

Tot Ion: 92 Resp: 56250

Ion Ratio Lower Upper

92 100

91 175.8 141.4 212.0



#50

t-1,3-Dichloropropene

Concen: 1.139 ug/l

RT: 8.25 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VU035536.D

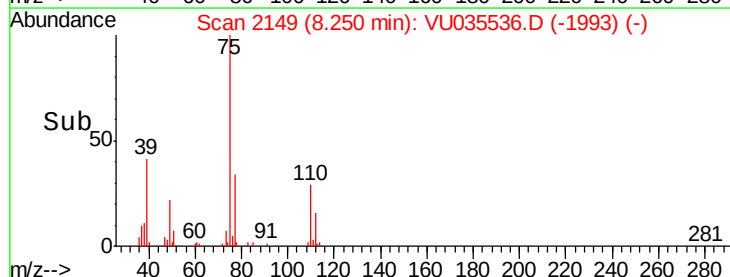
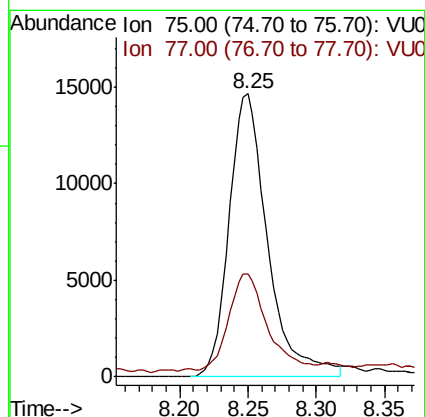
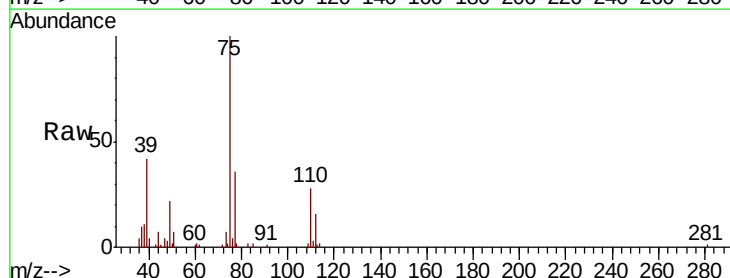
Acq: 29 Oct 2019 12:01

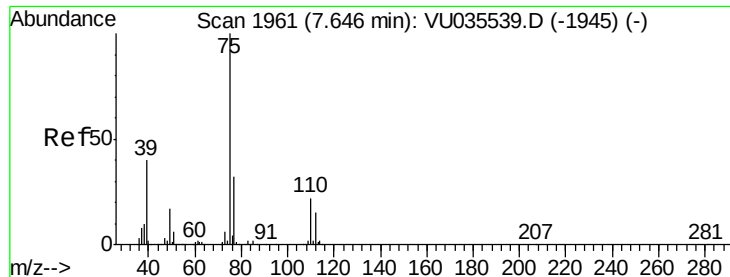
Tgt Ion: 75 Resp: 28823

Ion Ratio Lower Upper

75 100

77 33.5 25.2 37.8



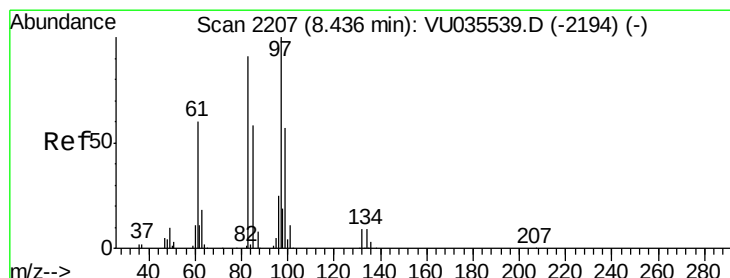
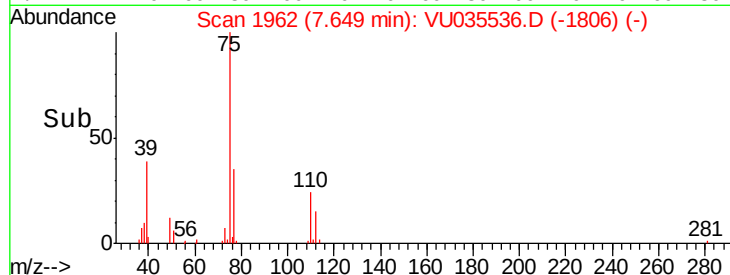
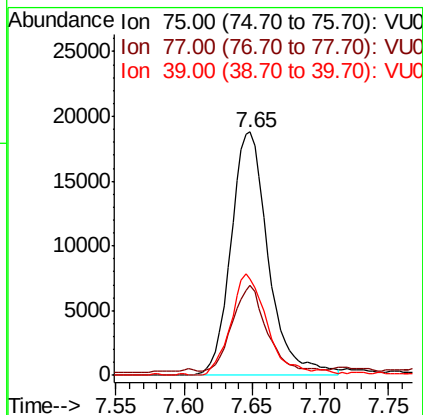
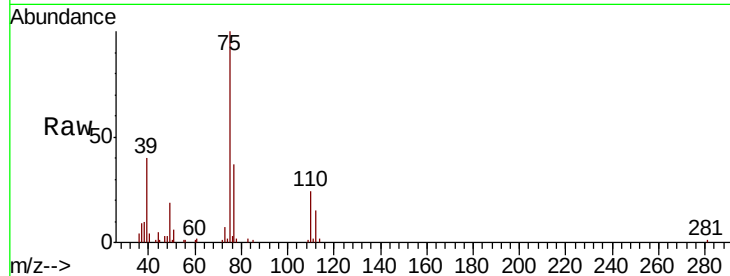


#51

cis-1,3-Dichloropropene
 Concen: 1.143 ug/l
 RT: 7.65 min Scan# 1962
 Delta R.T. 0.00 min
 Lab File: VU035536.D
 Acq: 29 Oct 2019 12:01

Instrument :
 MSVOA_U
 ClientSampled :

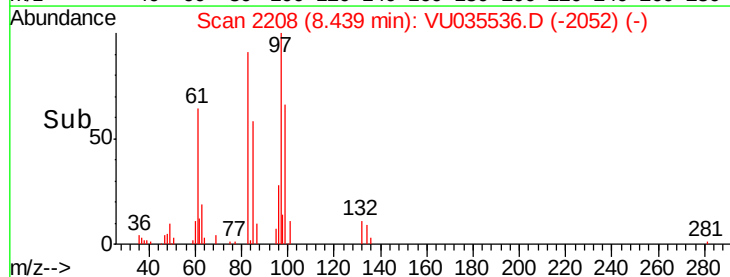
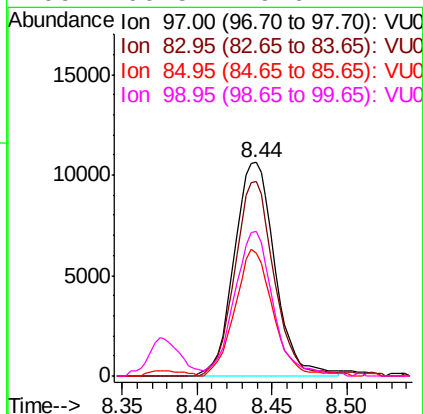
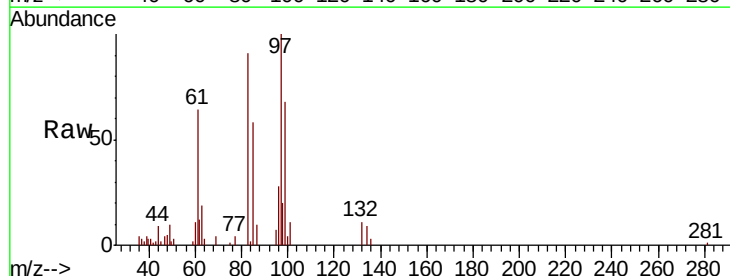
Tot Ion	75	Resp	35798
Ion Ratio	Lower	Upper	
75	100		
77	34.2	25.2	37.8
39	39.8	32.1	48.1

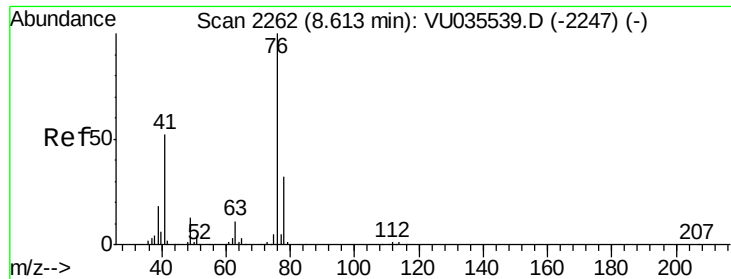


#52

1,1,2-Trichloroethane
 Concen: 1.224 ug/l
 RT: 8.44 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: VU035536.D
 Acq: 29 Oct 2019 12:01

Tgt Ion	97	Resp	20122
Ion Ratio	Lower	Upper	
97	100		
83	91.1	72.6	108.8
85	56.6	46.4	69.6
99	66.5	49.6	74.4





#53

1,3-Dichloropropane

Concen: 1.194 ug/l

RT: 8.61 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VU035536.D

Acq: 29 Oct 2019 12:01

Instrument :

MSVOA_U

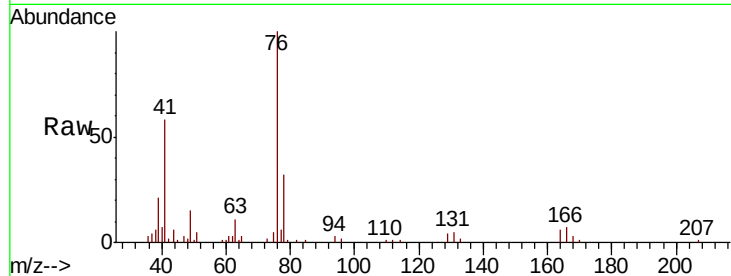
ClientSampleId :

Tot Ion: 76 Resp: 32920

Ion Ratio Lower Upper

76 100

78 32.3 25.6 38.4



Abundance Ion 76.00 (75.70 to 76.70): VU035539.D (-2247) (-)

Ion 78.00 (77.70 to 78.70): VU035539.D (-2247) (-)

8.61

20000

15000

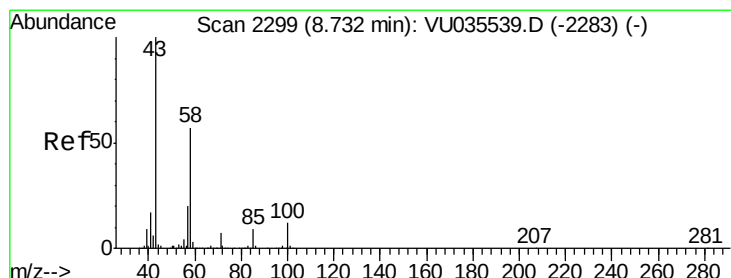
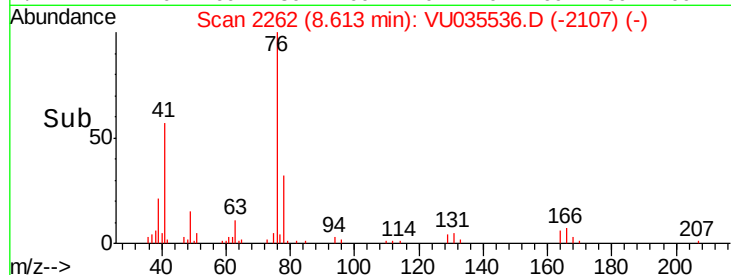
10000

5000

0

8.55 8.60 8.65 8.70

Time-->



#54

2-Hexanone

Concen: 5.916 ug/l

RT: 8.74 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VU035536.D

Acq: 29 Oct 2019 12:01

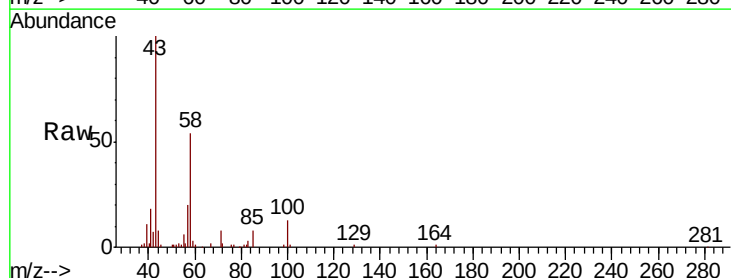
Tgt Ion: 43 Resp: 48312

Ion Ratio Lower Upper

43 100

58 51.3 37.2 77.2

57 18.3 0.0 39.1



Abundance Ion 43.00 (42.70 to 43.70): VU035539.D (-2283) (-)

Ion 58.00 (57.70 to 58.70): VU035539.D (-2283) (-)

Ion 57.00 (56.70 to 57.70): VU035539.D (-2283) (-)

8.74

30000

25000

20000

15000

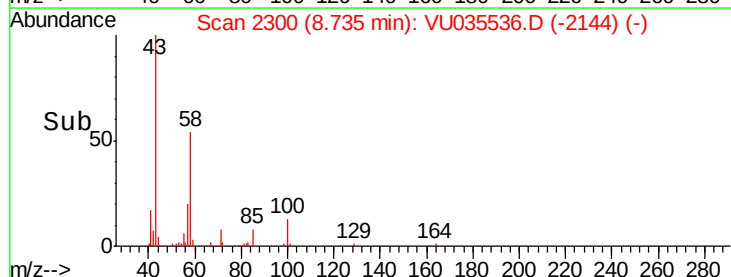
10000

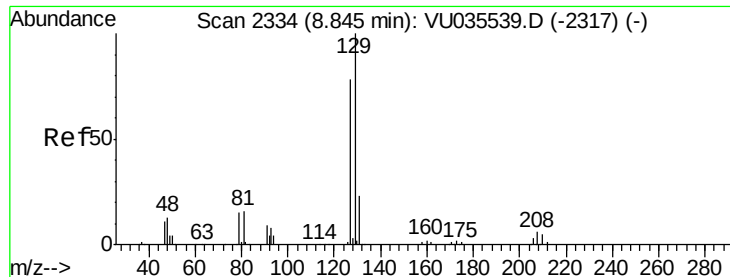
5000

0

8.65 8.70 8.75 8.80 8.85

Time-->





#55

Dibromochloromethane

Concen: 1.191 ug/l

RT: 8.84 min Scan# 2334

Delta R.T. -0.00 min

Lab File: VU035536.D

Acq: 29 Oct 2019 12:01

Instrument :

MSVOA_U

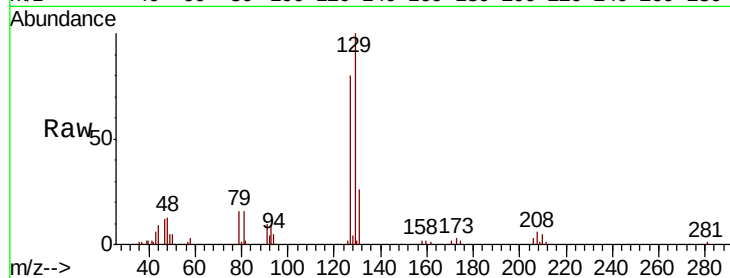
ClientSampleId :

Tot Ion:129 Resp: 23806

Ion Ratio Lower Upper

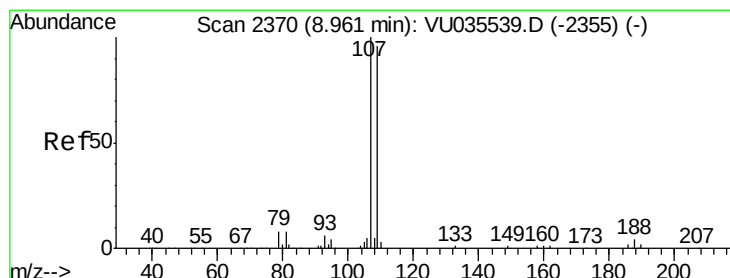
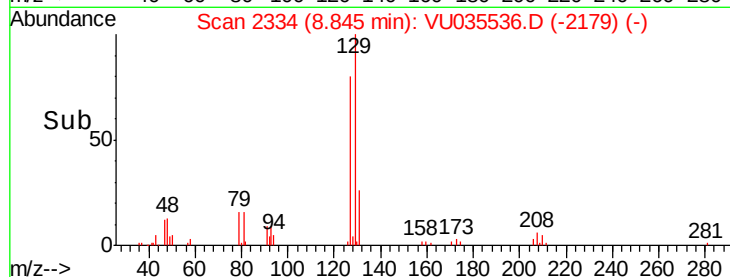
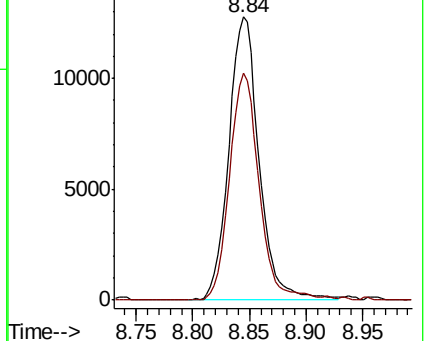
129 100

127 78.1 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: 1.129 ug/l

RT: 8.96 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VU035536.D

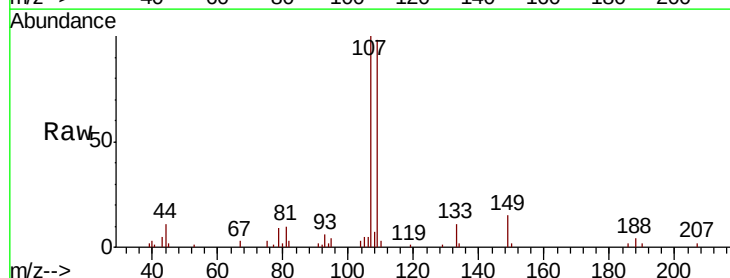
Acq: 29 Oct 2019 12:01

Tgt Ion:107 Resp: 17140

Ion Ratio Lower Upper

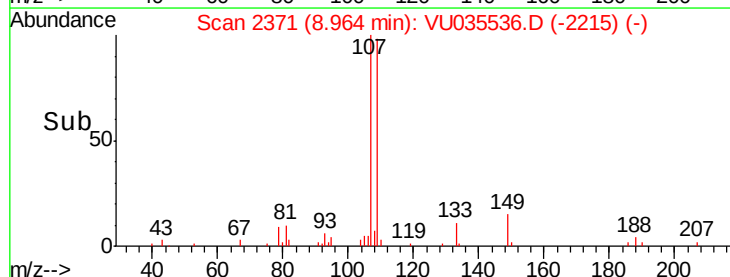
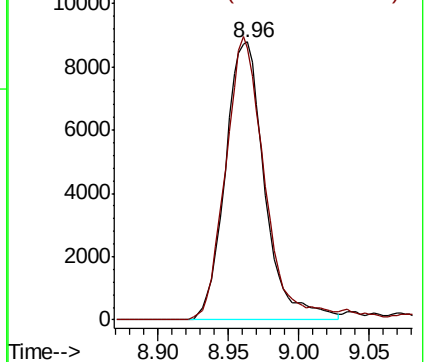
107 100

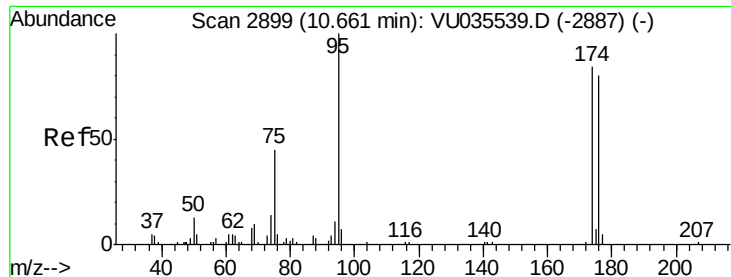
109 100.6 0.0 191.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

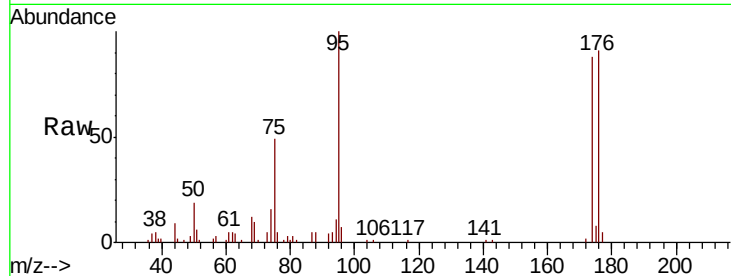




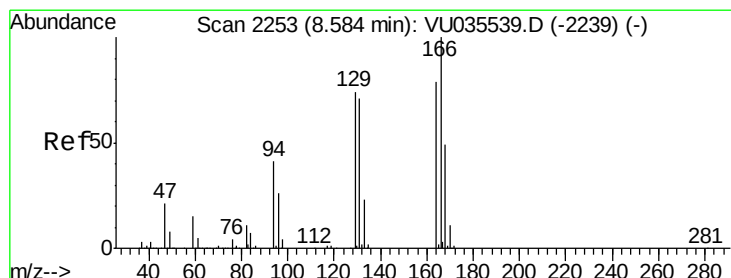
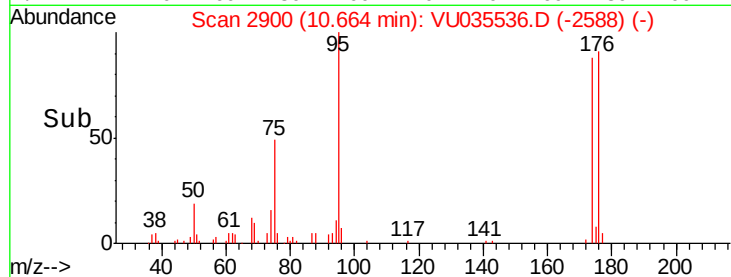
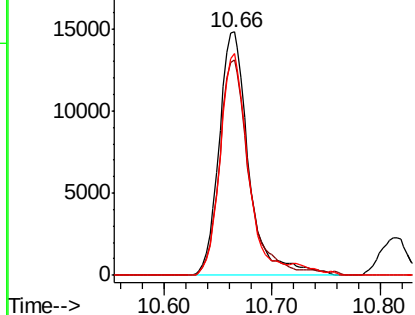
#57
4-Bromofluorobenzene
Concen: 0.945 ug/l
RT: 10.66 min Scan# 2900
Delta R.T. 0.00 min
Lab File: VU035536.D
Acq: 29 Oct 2019 12:01

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 95 Resp: 28383
Ion Ratio Lower Upper
95 100
174 88.9 70.2 105.4
176 85.4 67.7 101.5



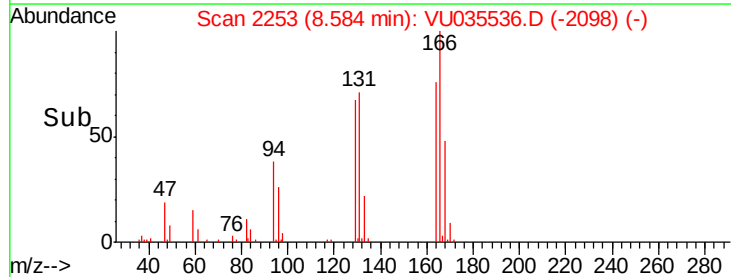
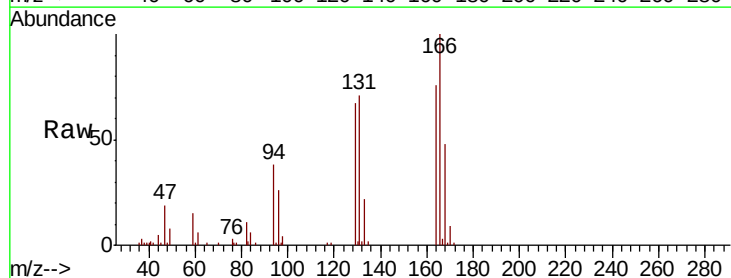
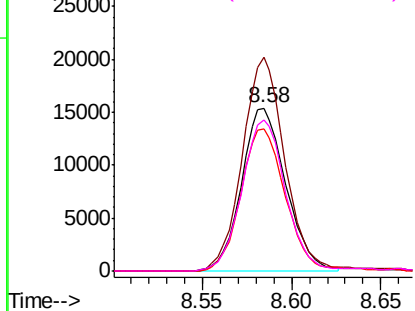
Abundance Ion 95.00 (94.70 to 95.70): VU035536.D (-2588) (-)
Ion 174.00 (173.70 to 174.70): VU035536.D (-2588) (-)
Ion 176.00 (175.70 to 176.70): VU035536.D (-2588) (-)

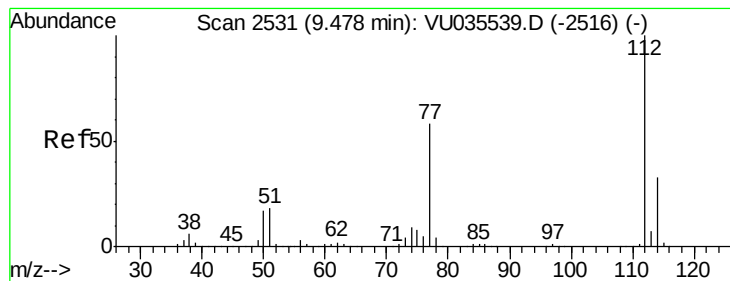


#58
Tetrachloroethene
Concen: 1.082 ug/l
RT: 8.58 min Scan# 2253
Delta R.T. -0.00 min
Lab File: VU035536.D
Acq: 29 Oct 2019 12:01

Tgt Ion: 164 Resp: 26616
Ion Ratio Lower Upper
164 100
166 131.1 100.6 151.0
129 87.4 74.1 111.1
131 92.6 71.1 106.7

Abundance Ion 163.85 (163.55 to 164.55): VU035536.D (-2098) (-)
Ion 165.80 (165.50 to 166.50): VU035536.D (-2098) (-)
Ion 128.90 (128.60 to 129.60): VU035536.D (-2098) (-)
Ion 130.90 (130.60 to 131.60): VU035536.D (-2098) (-)





#59

Chlorobenzene

Concen: 1.076 ug/l

RT: 9.48 min Scan# 2531

Delta R.T. -0.00 min

Lab File: VU035536.D

Acq: 29 Oct 2019 12:01

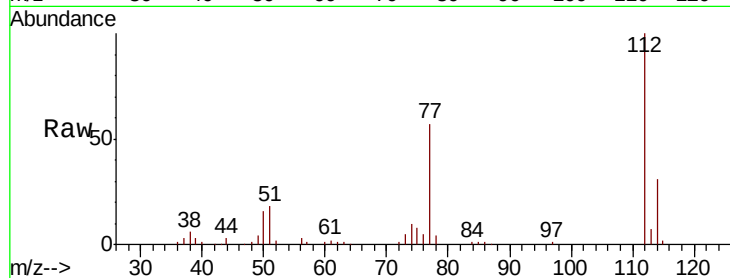
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:112 Resp: 65513

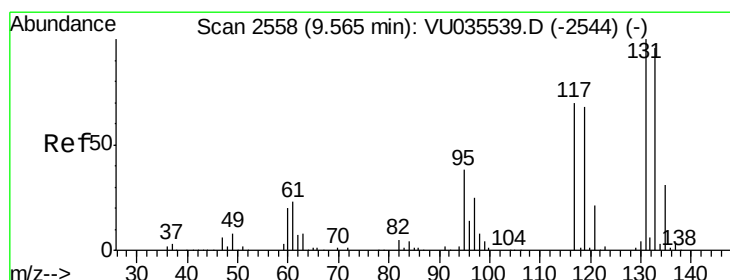
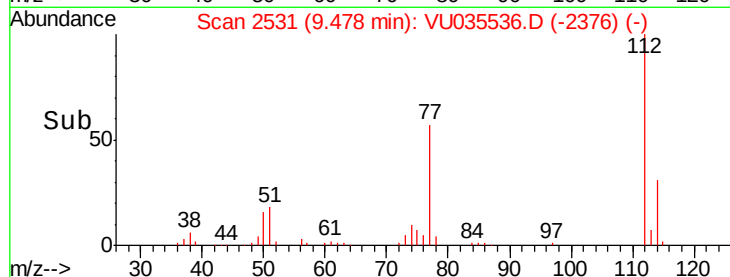
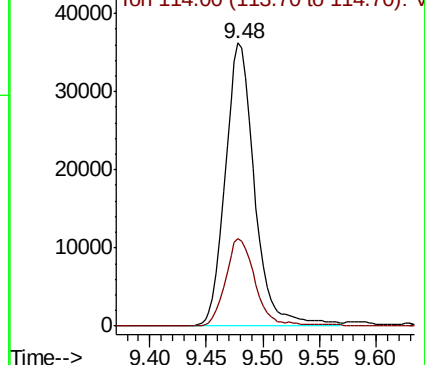
Ion Ratio Lower Upper

112 100

114 31.0 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: 1.164 ug/l

RT: 9.56 min Scan# 2558

Delta R.T. -0.00 min

Lab File: VU035536.D

Acq: 29 Oct 2019 12:01

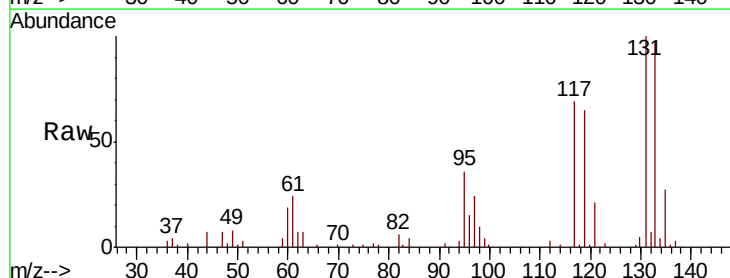
Tgt Ion:131 Resp: 26348

Ion Ratio Lower Upper

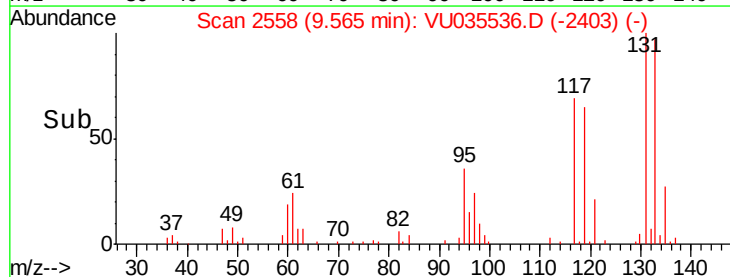
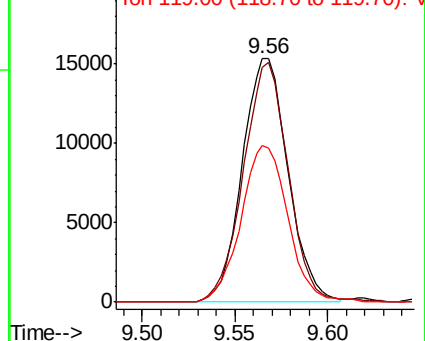
131 100

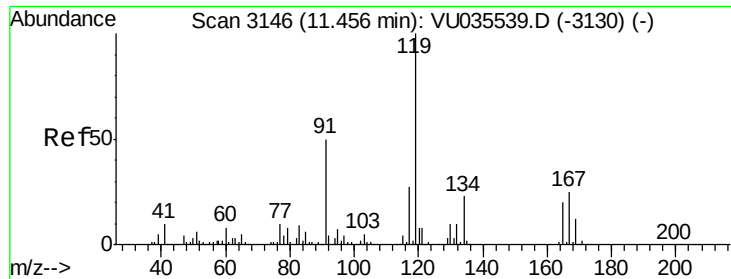
133 96.5 76.9 115.3

119 65.8 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

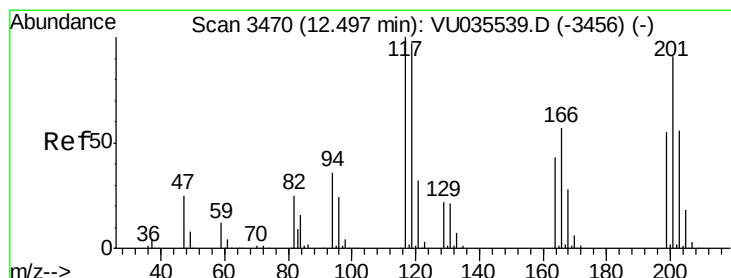
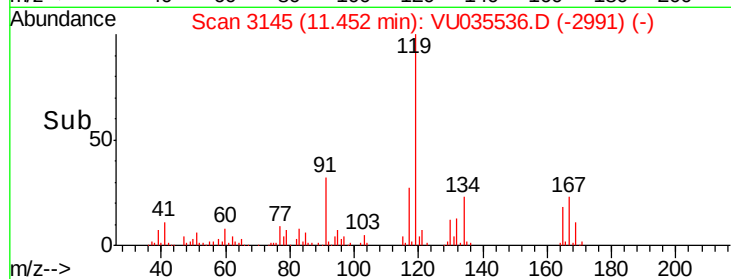
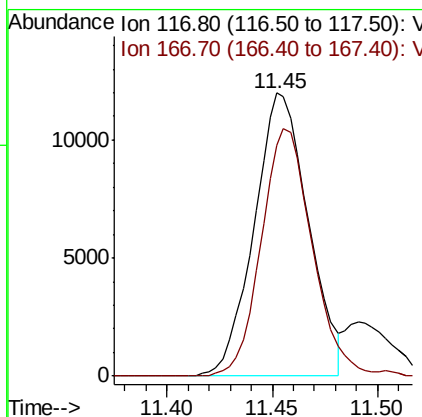
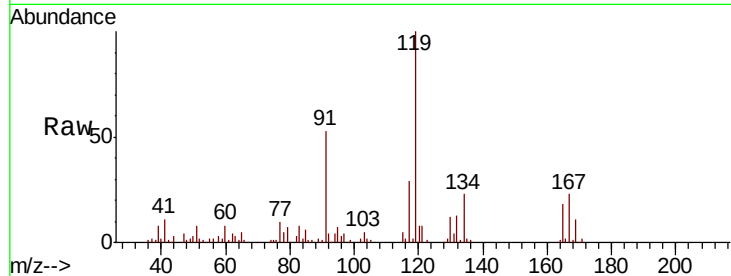




#61
 Pentachloroethane
 Concen: 1.164 ug/l
 RT: 11.45 min Scan# 3145
 Delta R.T. -0.00 min
 Lab File: VU035536.D
 Acq: 29 Oct 2019 12:01

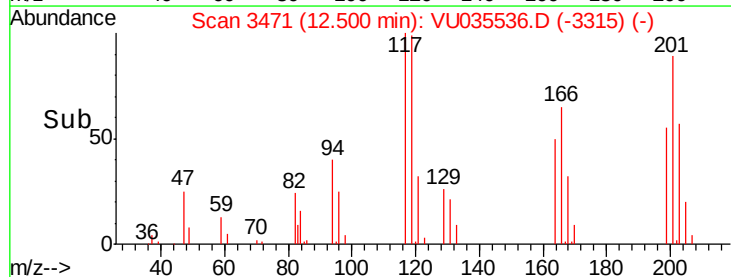
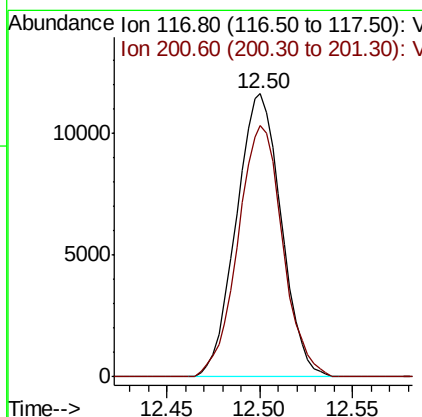
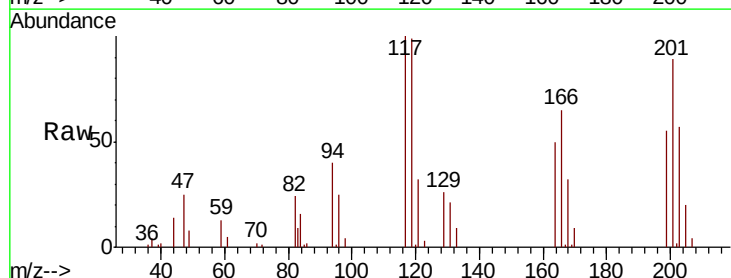
Instrument :
 MSVOA_U
 ClientSampleId :

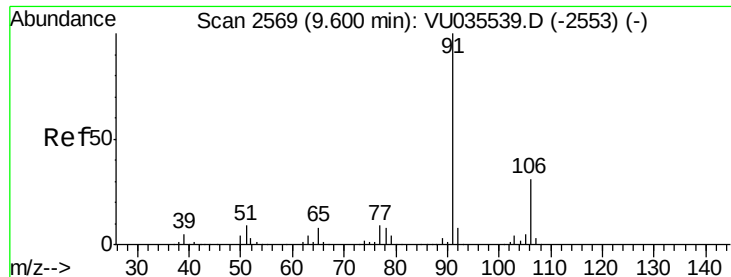
Tot Ion:117 Resp: 21419
 Ion Ratio Lower Upper
 117 100
 167 82.7 69.8 104.6



#62
 Hexachloroethane
 Concen: 1.195 ug/l
 RT: 12.50 min Scan# 3471
 Delta R.T. 0.00 min
 Lab File: VU035536.D
 Acq: 29 Oct 2019 12:01

Tgt Ion:117 Resp: 19629
 Ion Ratio Lower Upper
 117 100
 201 88.4 71.8 107.8





#63

Ethyl Benzene

Concen: 0.986 ug/l

RT: 9.60 min Scan# 2569

Delta R.T. -0.00 min

Lab File: VU035536.D

Acq: 29 Oct 2019 12:01

Instrument :

MSVOA_U

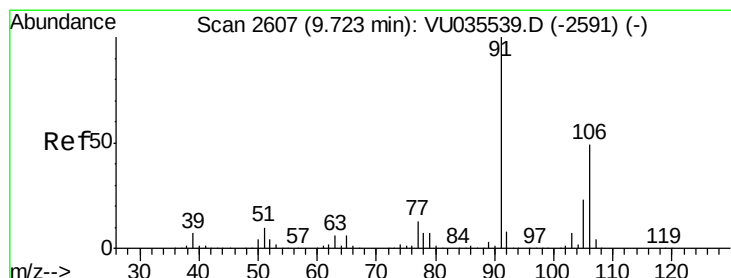
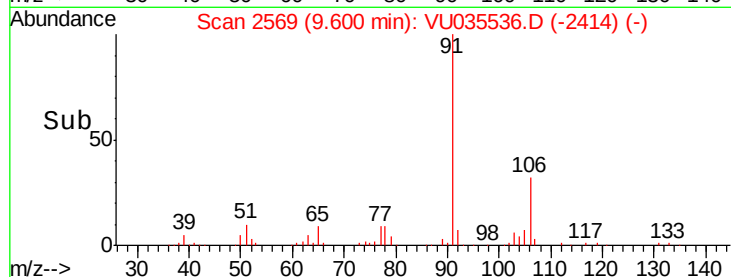
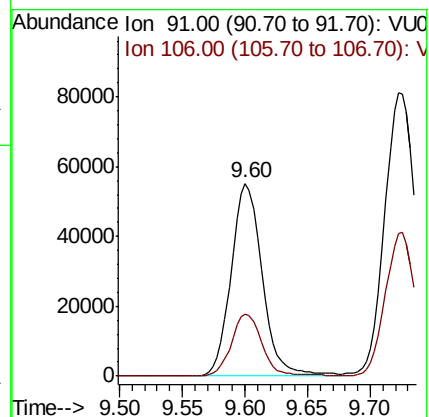
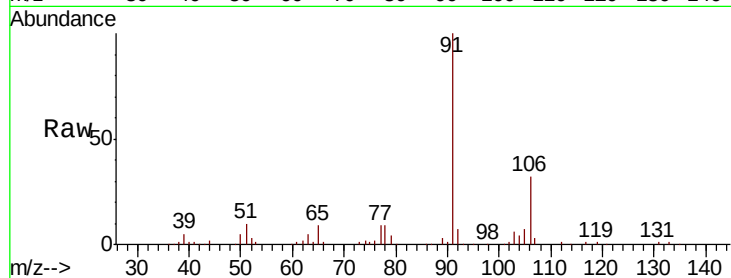
ClientSampled :

Tot Ion: 91 Resp: 95745

Ion Ratio Lower Upper

91 100

106 32.1 25.2 37.8



#64

m/p-Xylenes

Concen: 1.873 ug/l

RT: 9.73 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VU035536.D

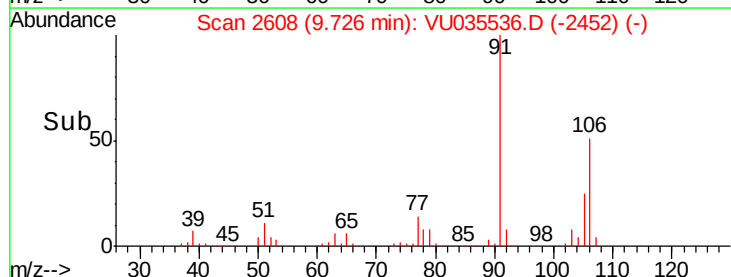
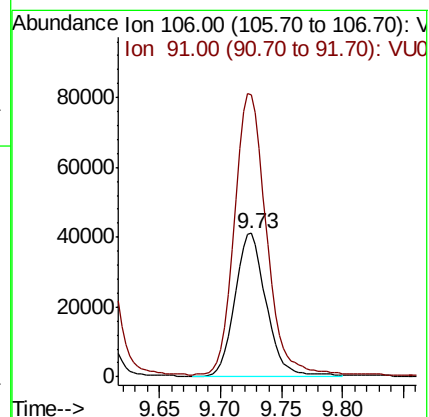
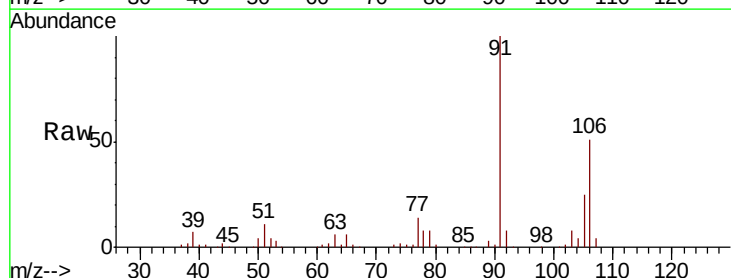
Acq: 29 Oct 2019 12:01

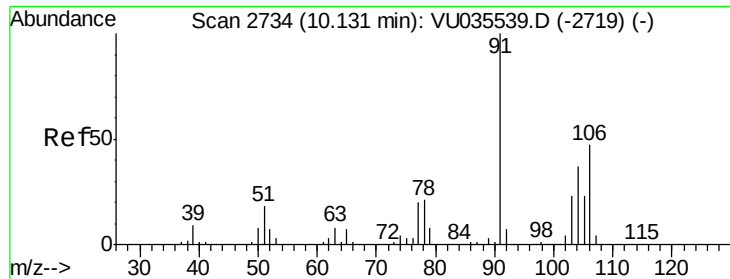
Tgt Ion: 106 Resp: 73414

Ion Ratio Lower Upper

106 100

91 198.5 81.0 121.4#

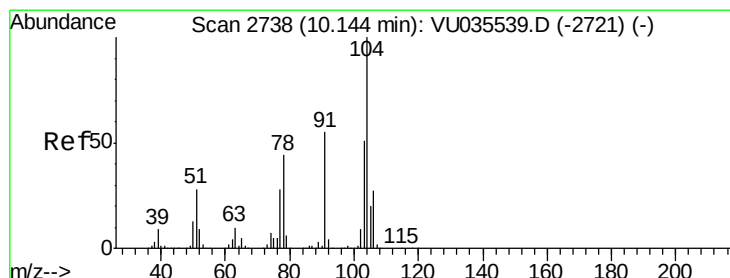
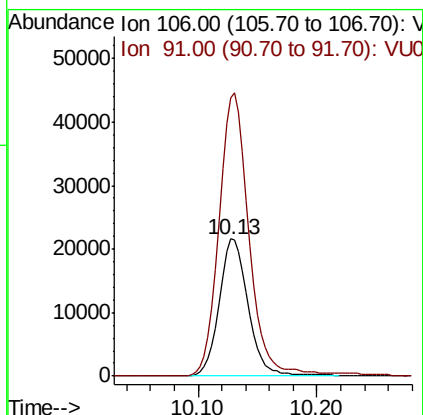
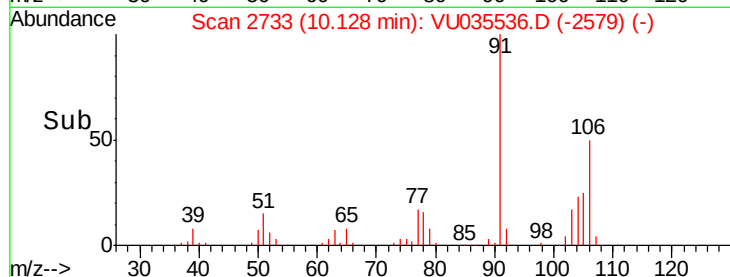
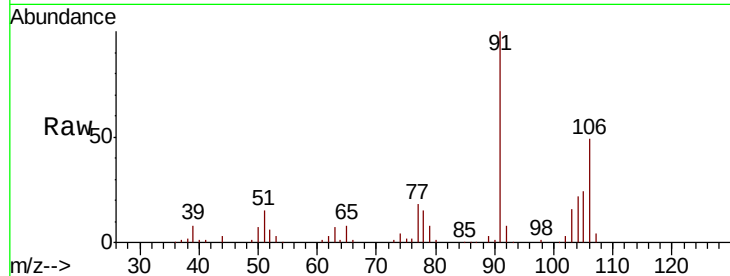




#65
o-Xylene
Concen: 0.980 ug/l
RT: 10.13 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU035536.D
Acq: 29 Oct 2019 12:01

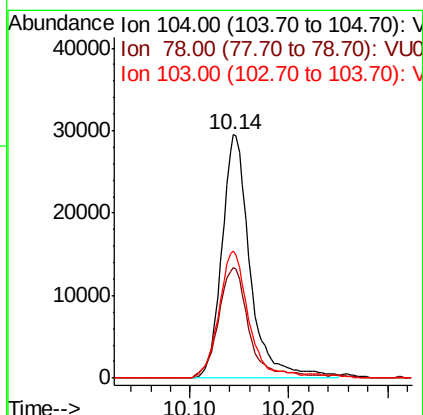
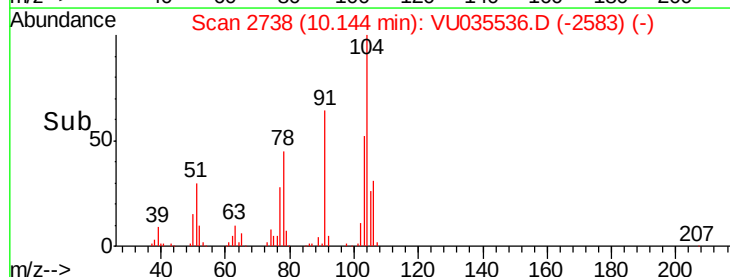
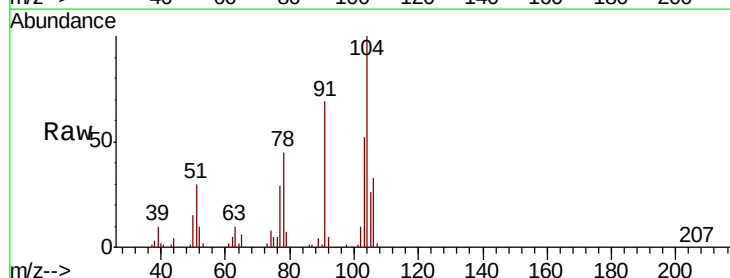
Instrument :
MSVOA_U
ClientSampled :

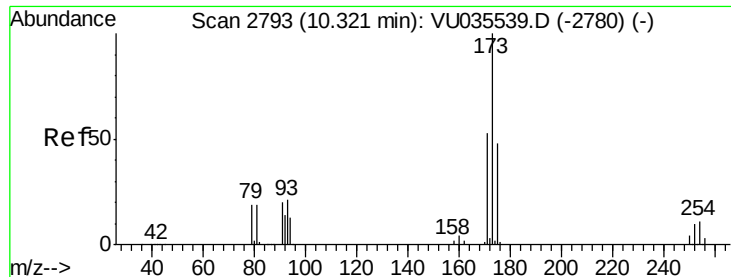
Tot Ion:106 Resp: 36605
Ion Ratio Lower Upper
106 100
91 212.2 107.1 321.1



#66
Styrene
Concen: 0.949 ug/l
RT: 10.14 min Scan# 2738
Delta R.T. -0.00 min
Lab File: VU035536.D
Acq: 29 Oct 2019 12:01

Tgt Ion:104 Resp: 59447
Ion Ratio Lower Upper
104 100
78 49.6 38.6 58.0
103 54.6 43.6 65.4





#67

Bromoform

Concen: 1.260 ug/l

RT: 10.32 min Scan# 2793

Delta R.T. -0.00 min

Lab File: VU035536.D

Acq: 29 Oct 2019 12:01

Instrument :

MSVOA_U

ClientSampled :

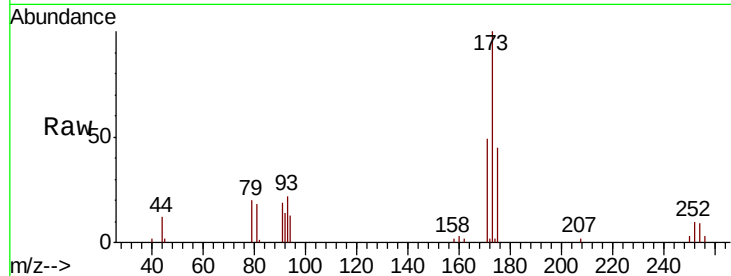
Tot Ion:173 Resp: 15007

Ion Ratio Lower Upper

173 100

175 47.2 38.7 58.1

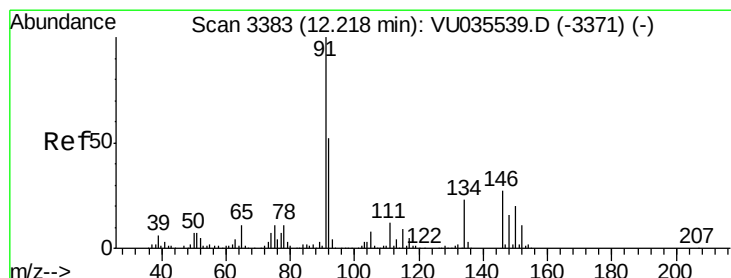
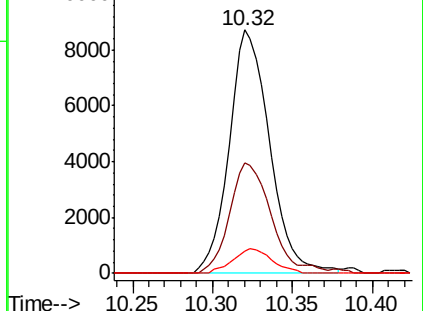
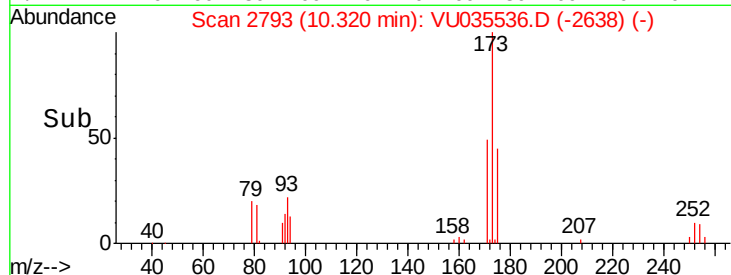
254 9.8 8.2 12.2



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: 0.929 ug/l

RT: 12.22 min Scan# 3384

Delta R.T. 0.00 min

Lab File: VU035536.D

Acq: 29 Oct 2019 12:01

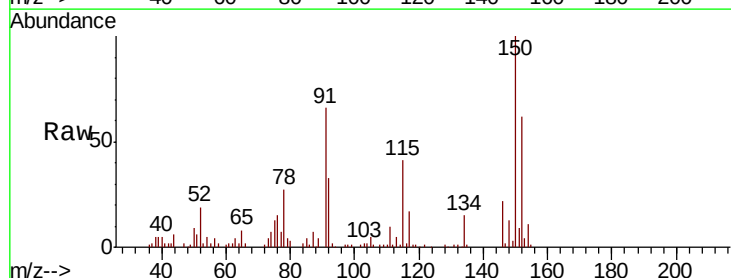
Tgt Ion:152 Resp: 30050

Ion Ratio Lower Upper

152 100

115 69.9 0.0 250.6

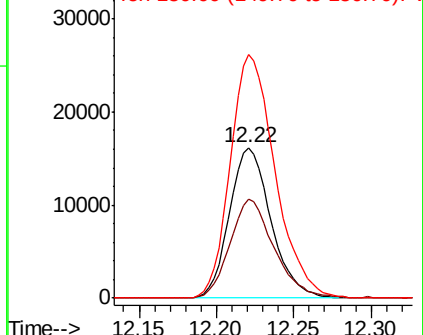
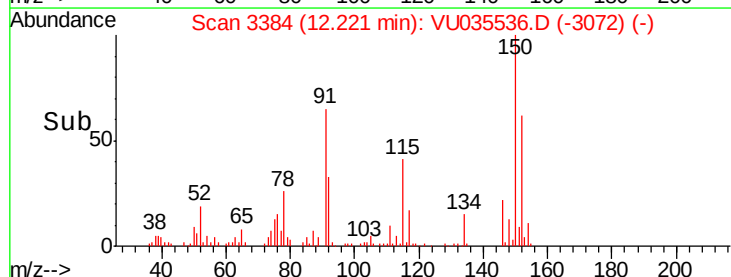
150 175.0 0.0 656.8

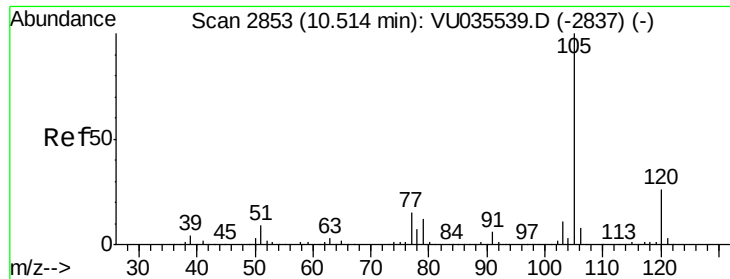


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 0.991 ug/l

RT: 10.51 min Scan# 2853

Delta R.T. -0.00 min

Lab File: VU035536.D

Acq: 29 Oct 2019 12:01

Instrument :

MSVOA_U

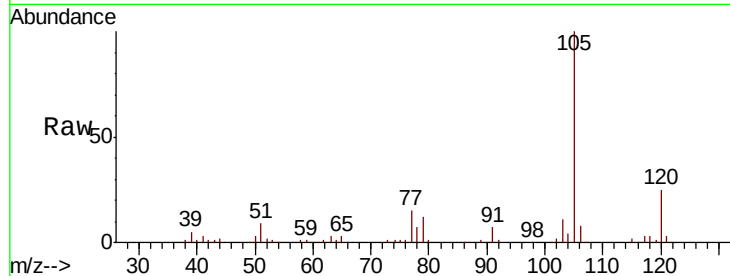
ClientSampleId :

Tot Ion:105 Resp: 96683

Ion Ratio Lower Upper

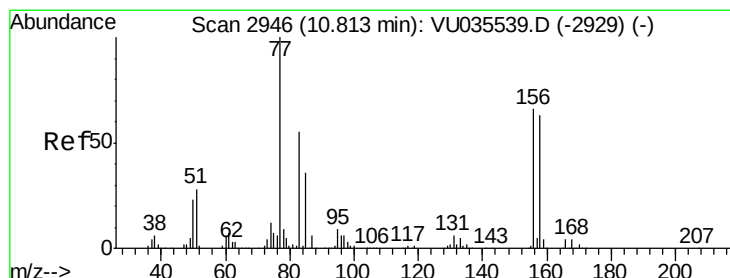
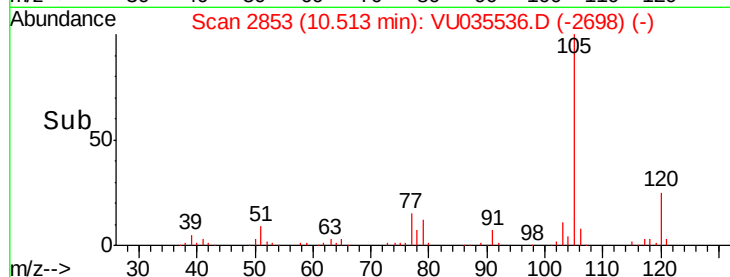
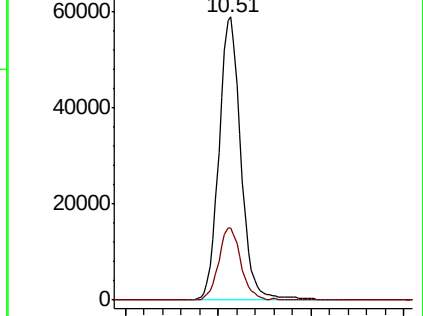
105 100

120 25.8 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 1.216 ug/l

RT: 10.81 min Scan# 2946

Delta R.T. -0.00 min

Lab File: VU035536.D

Acq: 29 Oct 2019 12:01

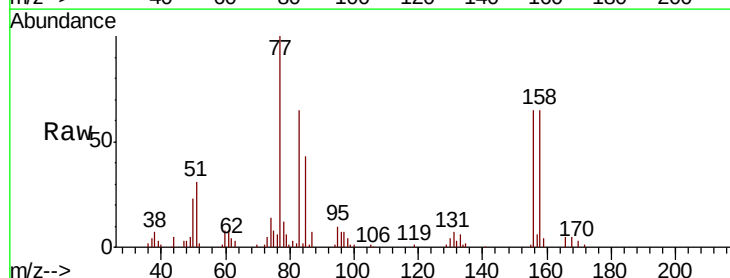
Tgt Ion: 83 Resp: 25854

Ion Ratio Lower Upper

83 100

131 9.6 0.0 0.0#

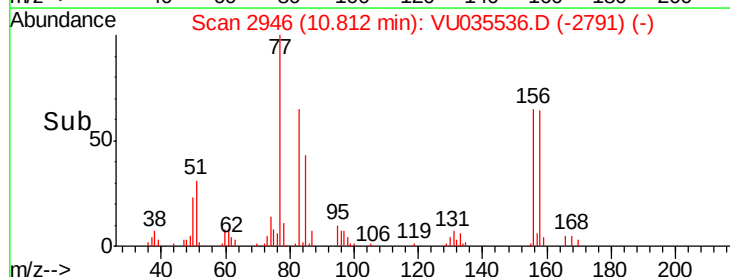
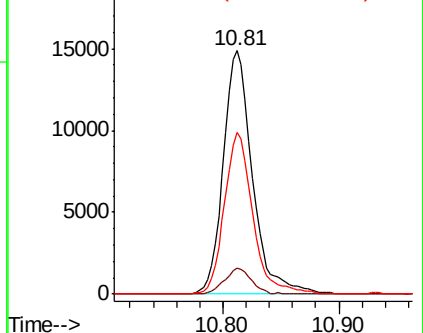
85 64.5 33.5 50.3#

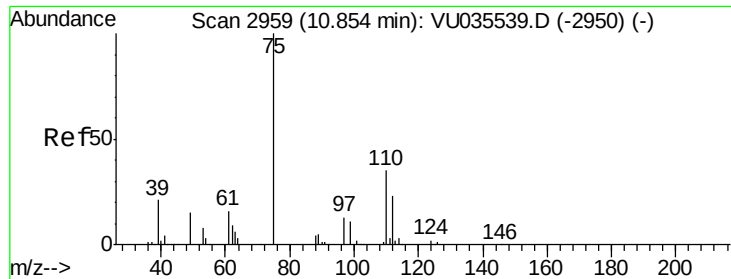


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

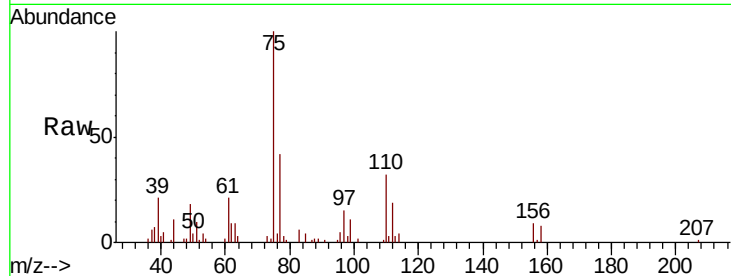




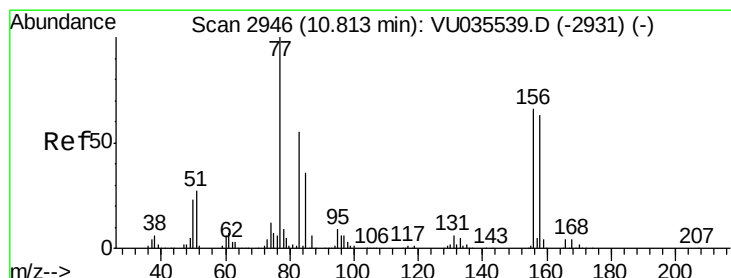
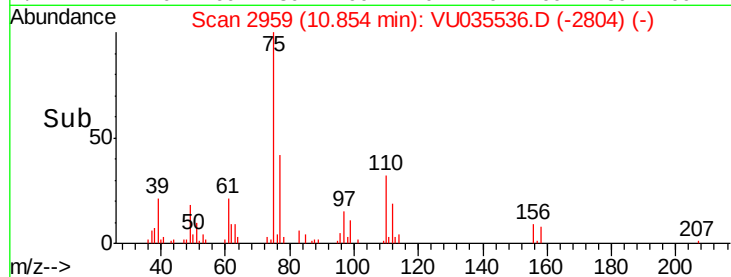
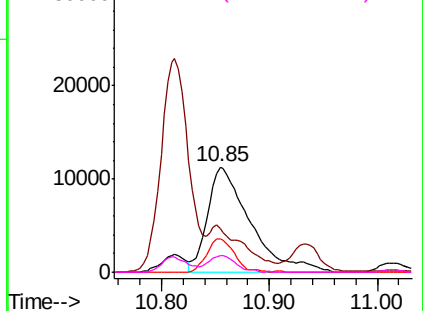
#71
 1,2,3-Trichloropropane
 Concen: 2.083 ug/l
 RT: 10.85 min Scan# 2959
 Delta R.T. -0.00 min
 Lab File: VU035536.D
 Acq: 29 Oct 2019 12:01

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:	75	Resp:	30881
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	68.6
110	20.5	0.0	77.2
97	10.1	0.0	39.0

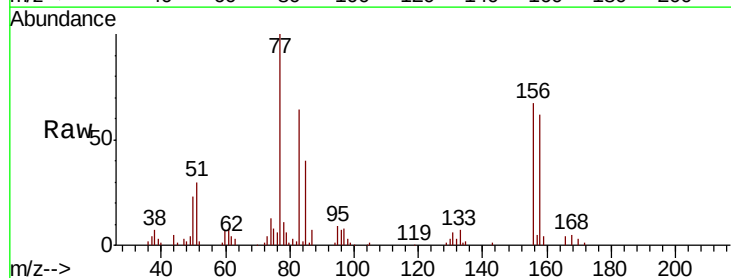


Abundance Ion 75.00 (74.70 to 75.70): VU035536.D (-2950) (-)
 Ion 77.00 (76.70 to 77.70): VU035536.D (-2950) (-)
 Ion 110.00 (109.70 to 110.70): VU035536.D (-2950) (-)
 Ion 97.00 (96.70 to 97.70): VU035536.D (-2950) (-)

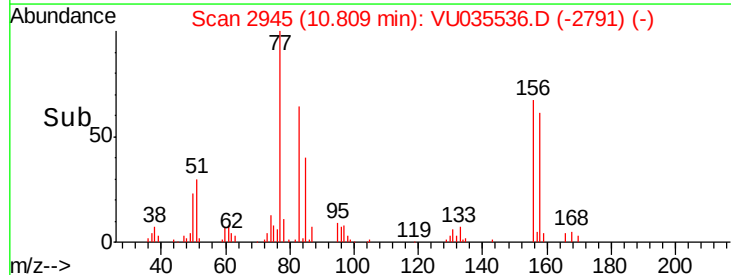
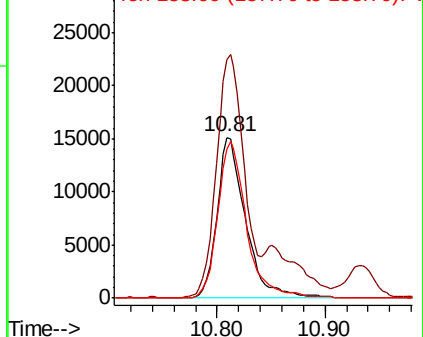


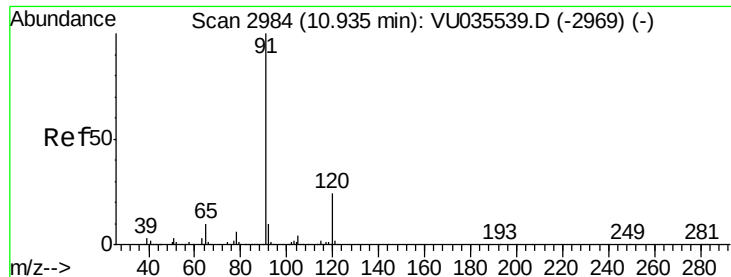
#72
 Bromobenzene
 Concen: 1.049 ug/l
 RT: 10.81 min Scan# 2945
 Delta R.T. -0.00 min
 Lab File: VU035536.D
 Acq: 29 Oct 2019 12:01

Tgt Ion:	156	Resp:	27916
Ion	Ratio	Lower	Upper
156	100		
77	147.6	0.0	300.4
158	97.6	0.0	194.4



Abundance Ion 156.00 (155.70 to 156.70): VU035536.D (-2931) (-)
 Ion 77.00 (76.70 to 77.70): VU035536.D (-2931) (-)
 Ion 158.00 (157.70 to 158.70): VU035536.D (-2931) (-)





#73

n-propylbenzene

Concen: 0.909 ug/l

RT: 10.93 min Scan# 2983

Delta R.T. -0.00 min

Lab File: VU035536.D

Acq: 29 Oct 2019 12:01

Instrument :

MSVOA_U

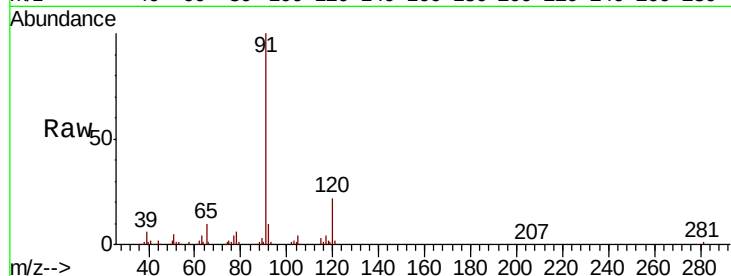
ClientSampleId :

Tot Ion:120 Resp: 25578

Ion Ratio Lower Upper

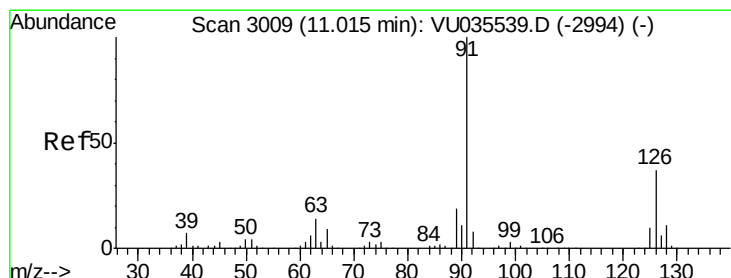
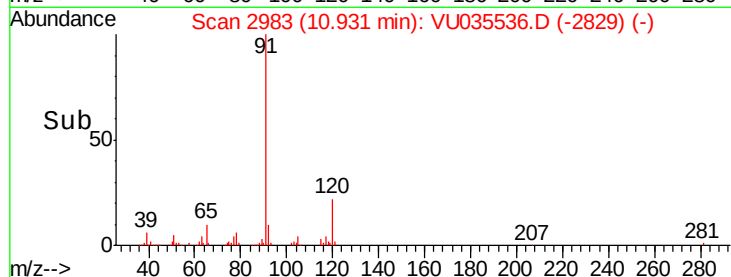
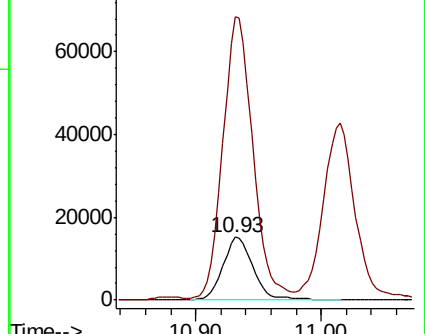
120 100

91 441.2 340.6 510.8



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 0.999 ug/l

RT: 11.01 min Scan# 3009

Delta R.T. -0.00 min

Lab File: VU035536.D

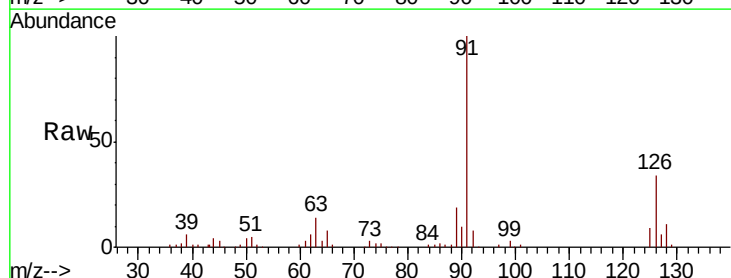
Acq: 29 Oct 2019 12:01

Tgt Ion:126 Resp: 25411

Ion Ratio Lower Upper

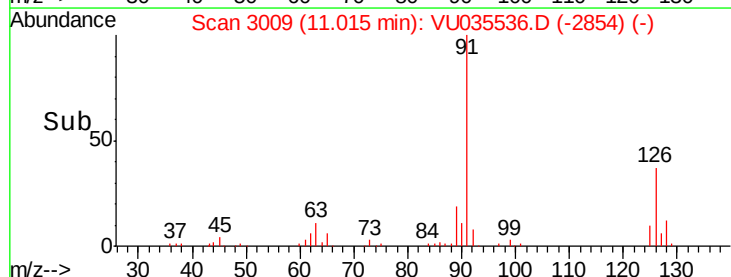
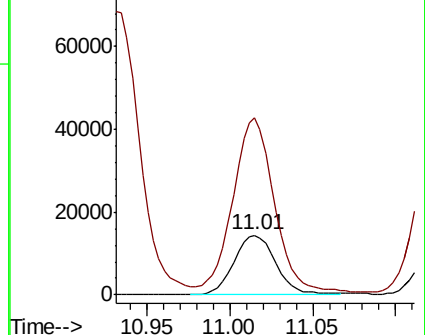
126 100

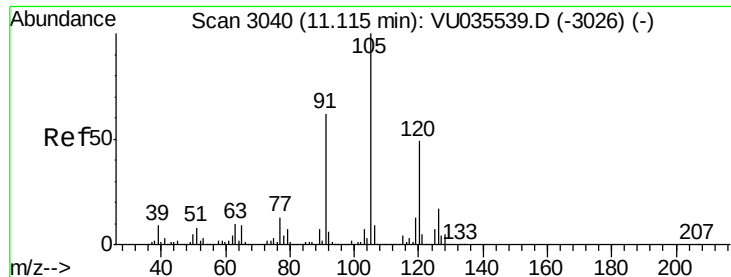
91 295.9 0.0 574.2



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 0.881 ug/l

RT: 11.11 min Scan# 3040

Delta R.T. -0.00 min

Lab File: VU035536.D

Acq: 29 Oct 2019 12:01

Instrument :

MSVOA_U

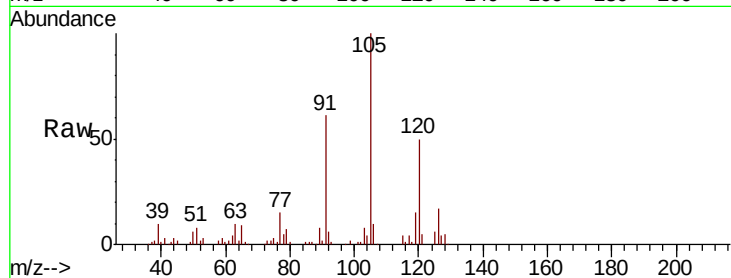
ClientSampled :

Tot Ion:105 Resp: 76256

Ion Ratio Lower Upper

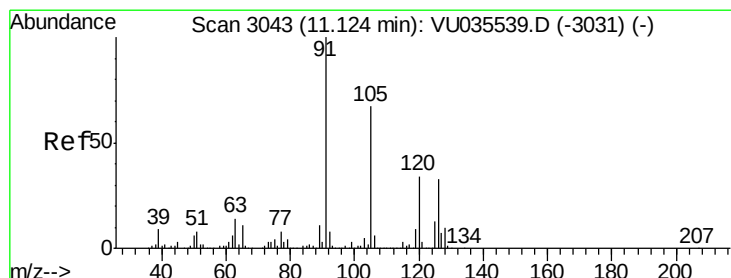
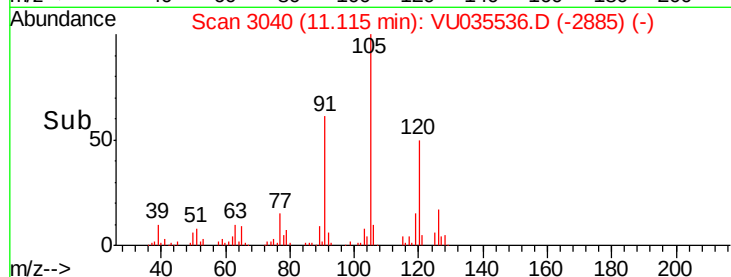
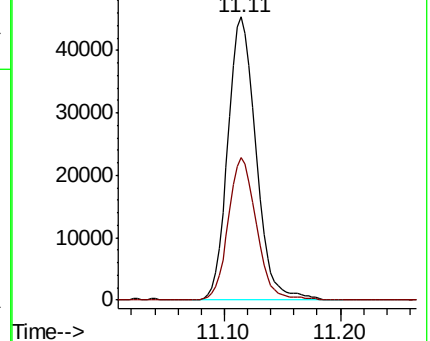
105 100

120 50.2 39.4 59.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 1.010 ug/l

RT: 11.12 min Scan# 3043

Delta R.T. -0.00 min

Lab File: VU035536.D

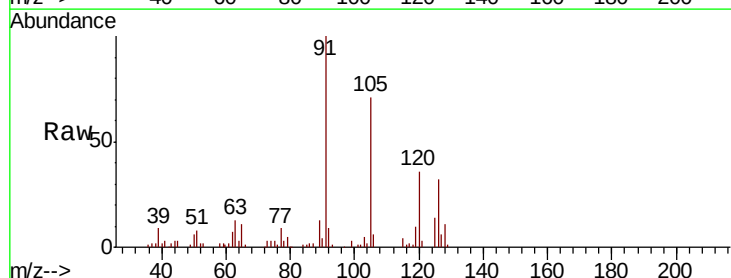
Acq: 29 Oct 2019 12:01

Tgt Ion:126 Resp: 26214

Ion Ratio Lower Upper

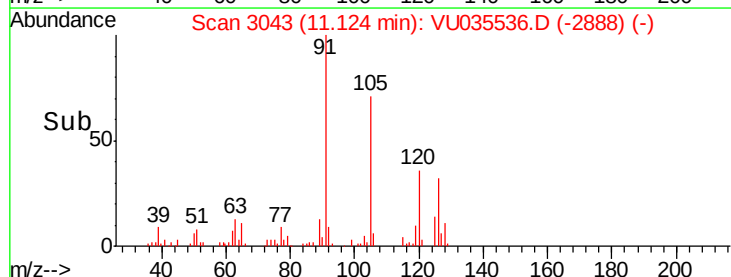
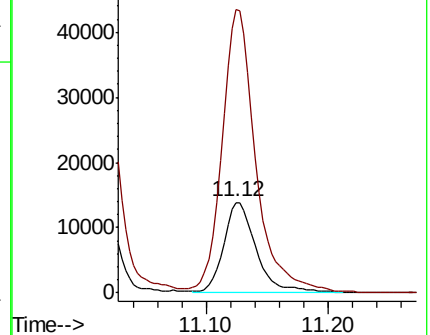
126 100

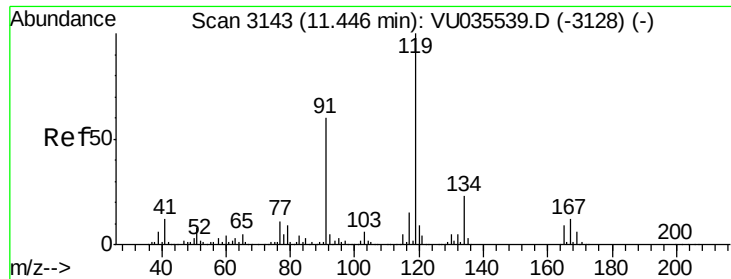
91 323.0 0.0 637.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

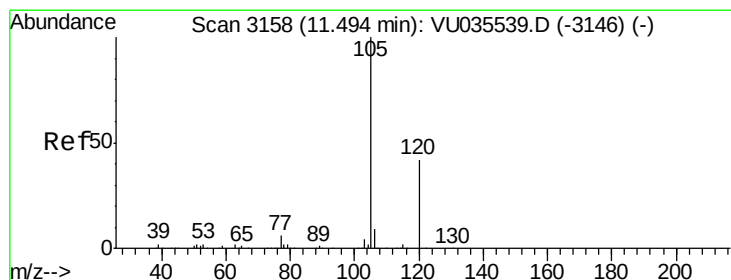
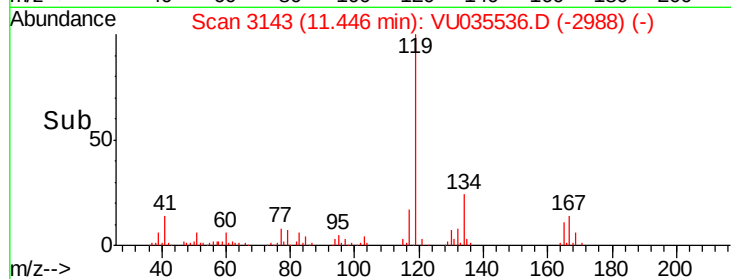
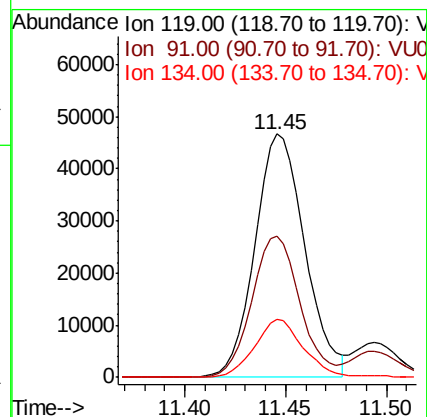
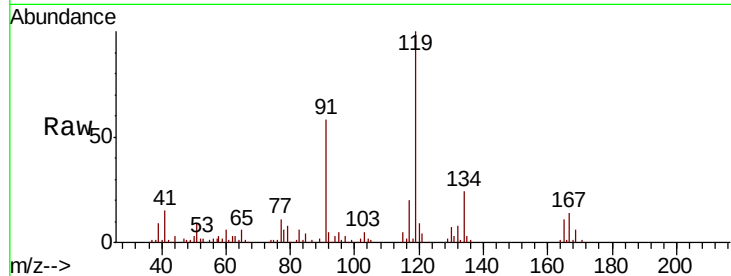




#77
 tert-Butylbenzene
 Concen: 0.955 ug/l
 RT: 11.45 min Scan# 3143
 Delta R.T. -0.00 min
 Lab File: VU035536.D
 Acq: 29 Oct 2019 12:01

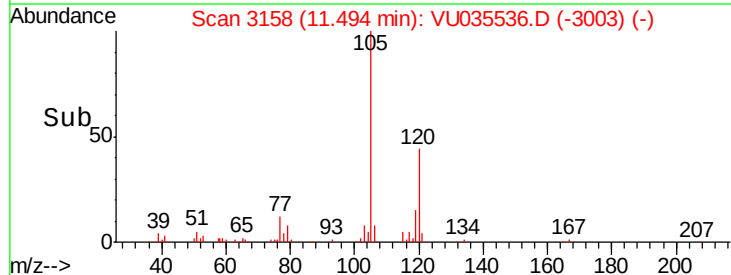
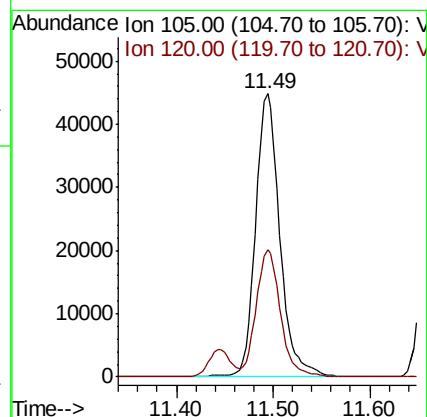
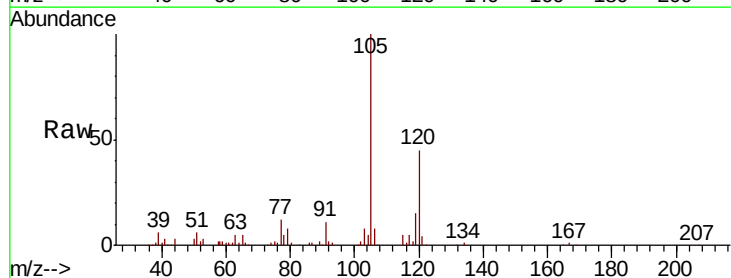
Instrument :
 MSVOA_U
 ClientSampleId :

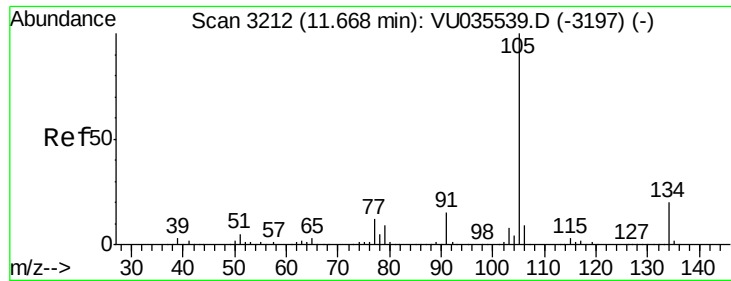
Tot Ion:119 Resp: 80719
 Ion Ratio Lower Upper
 119 100
 91 56.0 27.9 83.7
 134 23.1 18.3 27.5



#78
 1,2,4-Trimethylbenzene
 Concen: 0.896 ug/l
 RT: 11.49 min Scan# 3158
 Delta R.T. -0.00 min
 Lab File: VU035536.D
 Acq: 29 Oct 2019 12:01

Tgt Ion:105 Resp: 78263
 Ion Ratio Lower Upper
 105 100
 120 44.9 23.2 69.5





#79

sec-Butylbenzene

Concen: 0.900 ug/l

RT: 11.67 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VU035536.D

Acq: 29 Oct 2019 12:01

Instrument :

MSVOA_U

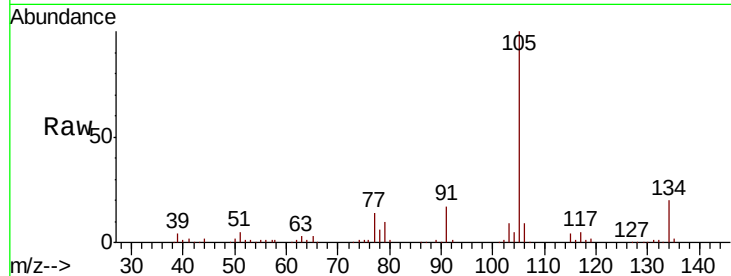
ClientSampleId :

Tot Ion: 105 Resp: 101923

Ion Ratio Lower Upper

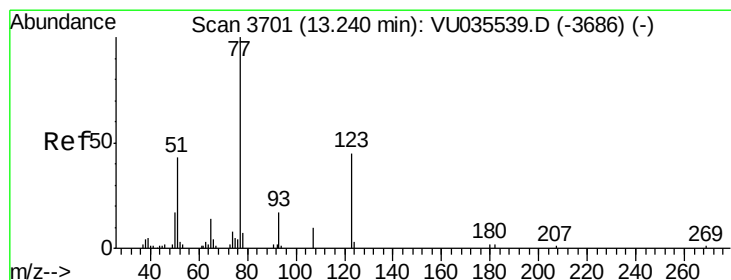
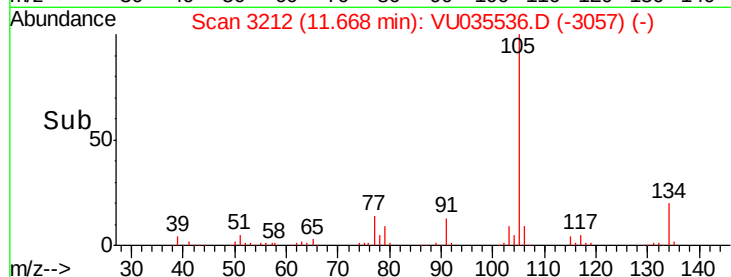
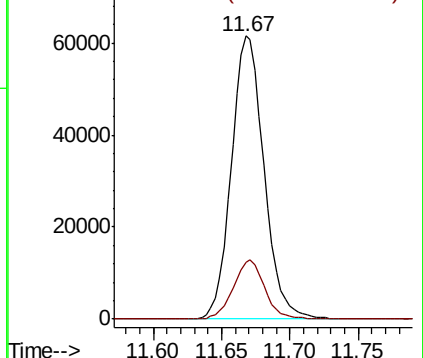
105 100

134 20.0 15.9 23.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 4.017 ug/l

RT: 13.24 min Scan# 3700

Delta R.T. -0.00 min

Lab File: VU035536.D

Acq: 29 Oct 2019 12:01

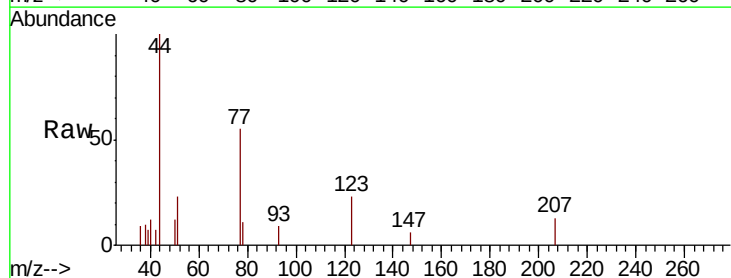
Tgt Ion: 77 Resp: 1746

Ion Ratio Lower Upper

77 100

123 33.6 18.9 67.1

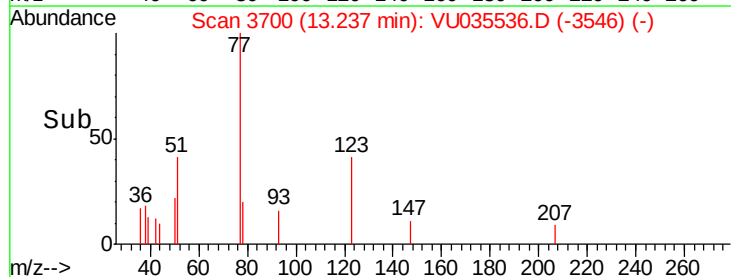
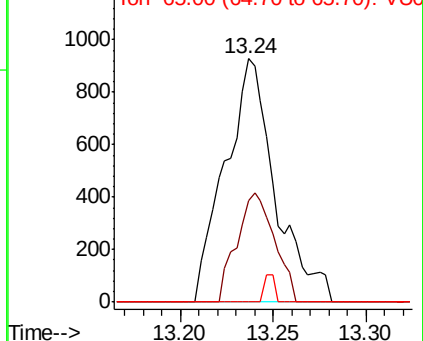
65 2.3 11.2 14.2#

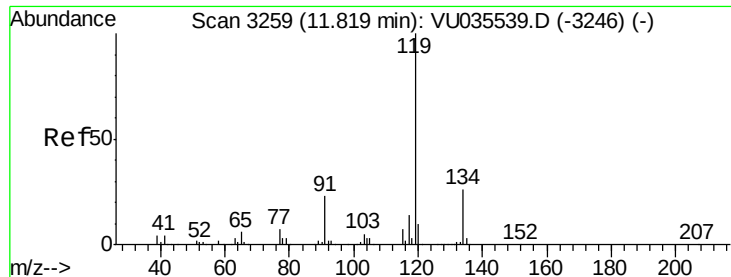


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

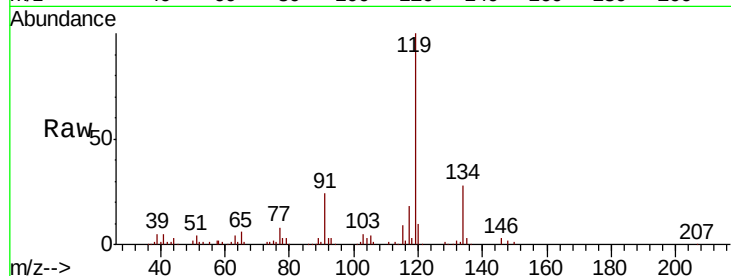




#81
 p-Isopropyltoluene
 Concen: 0.854 ug/l
 RT: 11.82 min Scan# 3259
 Delta R.T. -0.00 min
 Lab File: VU035536.D
 Acq: 29 Oct 2019 12:01

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.4	17.0	25.4#
91	24.3	41.3	61.9#

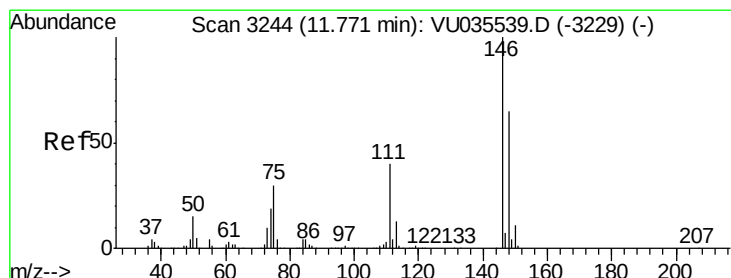
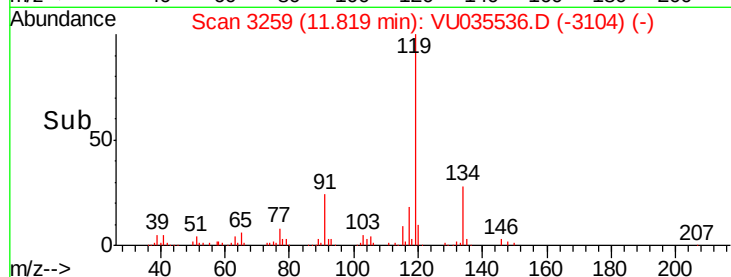
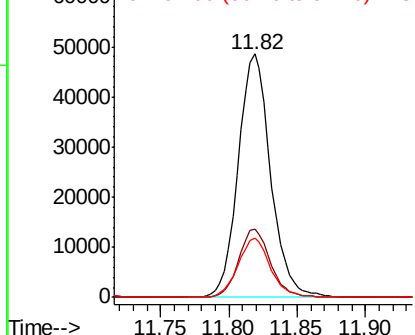


Abundance

Ion 119.00 (118.70 to 119.70): V

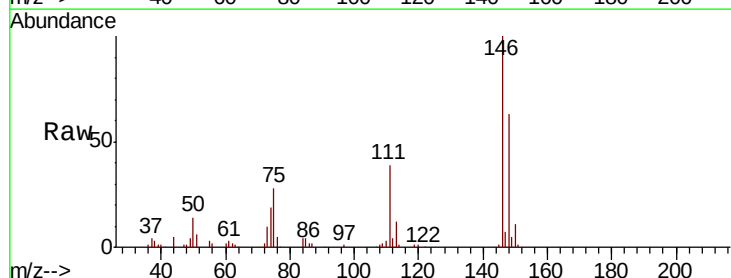
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#82
 1,3-Dichlorobenzene
 Concen: 0.998 ug/l
 RT: 11.77 min Scan# 3245
 Delta R.T. 0.00 min
 Lab File: VU035536.D
 Acq: 29 Oct 2019 12:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	31.8	47.6
148	62.9	50.9	76.3

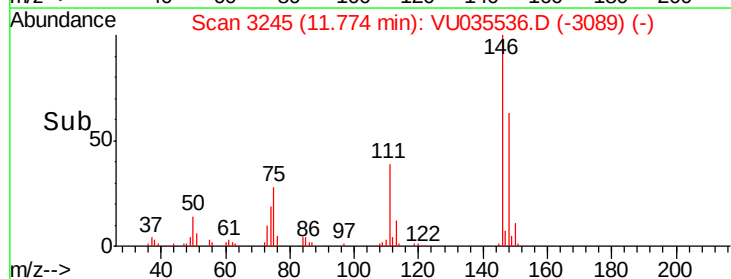
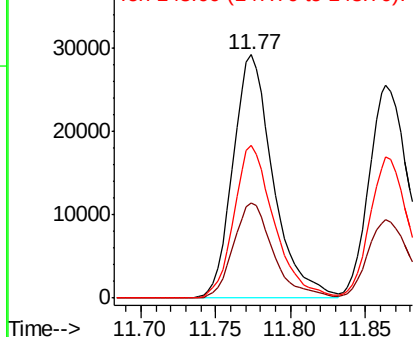


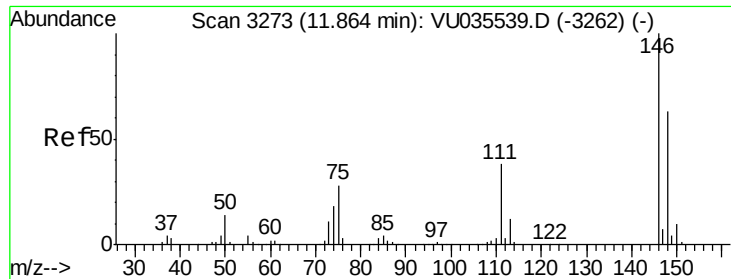
Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

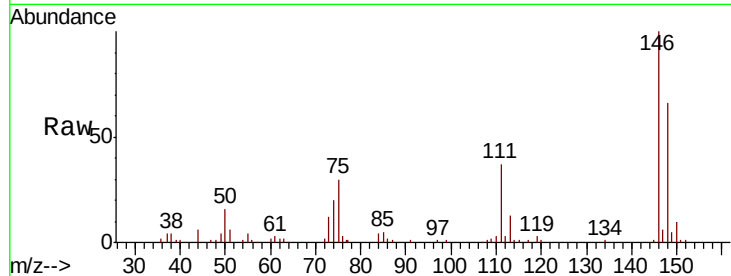




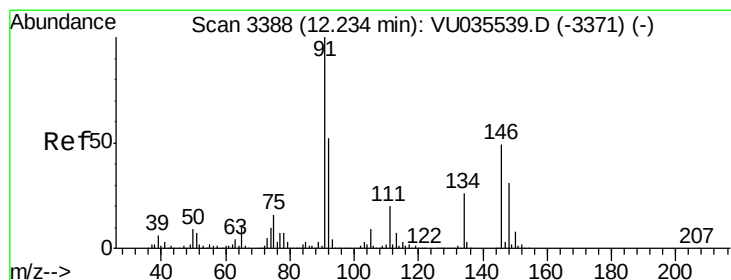
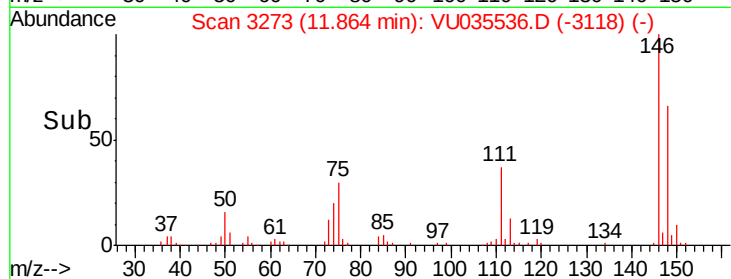
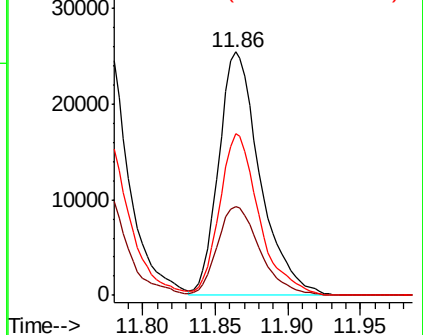
#83
 1,4-Dichlorobenzene
 Concen: 0.929 ug/l
 RT: 11.86 min Scan# 3273
 Delta R.T. -0.00 min
 Lab File: VU035536.D
 Acq: 29 Oct 2019 12:01

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:146 Resp: 50432
 Ion Ratio Lower Upper
 146 100
 111 37.7 30.1 45.1
 148 63.5 51.0 76.4

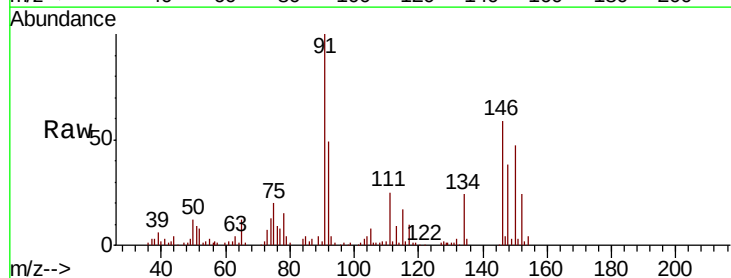


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

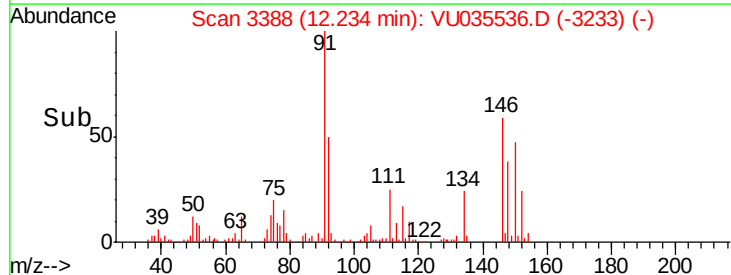
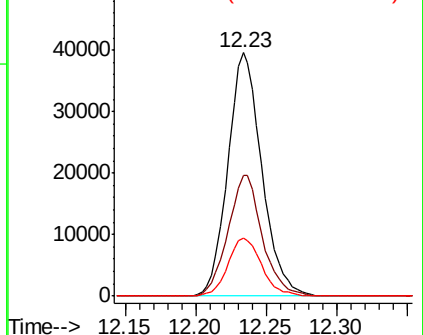


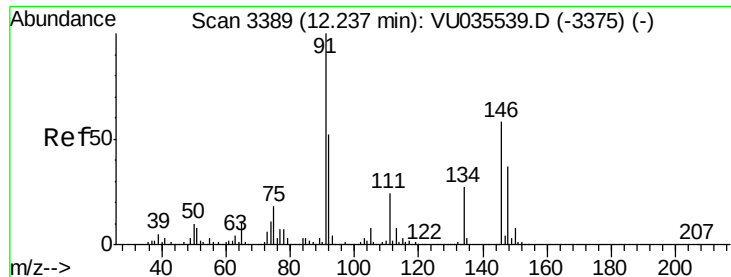
#84
 n-Butylbenzene
 Concen: 0.778 ug/l
 RT: 12.23 min Scan# 3388
 Delta R.T. -0.00 min
 Lab File: VU035536.D
 Acq: 29 Oct 2019 12:01

Tgt Ion: 91 Resp: 66504
 Ion Ratio Lower Upper
 91 100
 92 49.9 41.4 62.0
 134 23.6 20.6 30.8



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





#85

1,2-Dichlorobenzene

Concen: 1.016 ug/l

RT: 12.24 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VU035536.D

Acq: 29 Oct 2019 12:01

Instrument :

MSVOA_U

ClientSampleId :

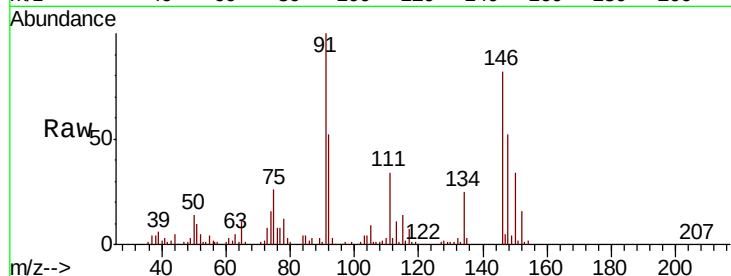
Tot Ion:146 Resp: 50700

Ion Ratio Lower Upper

146 100

111 41.6 20.5 61.5

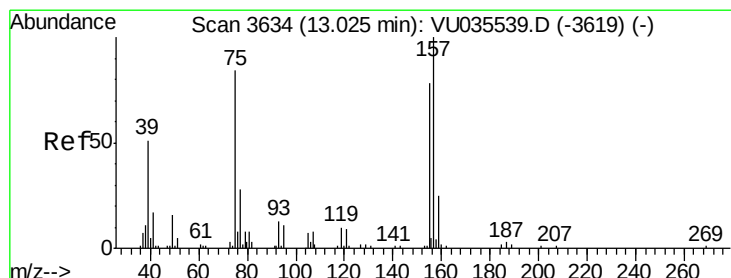
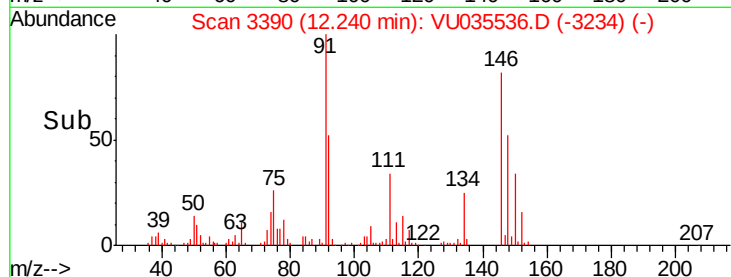
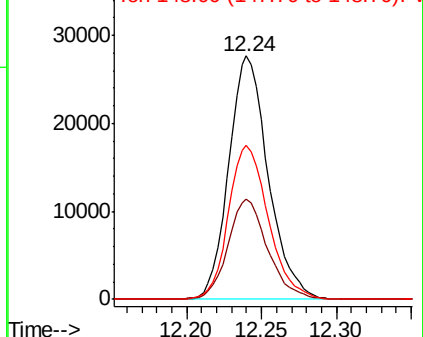
148 63.9 32.0 96.2



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: 1.037 ug/l

RT: 13.03 min Scan# 3635

Delta R.T. 0.00 min

Lab File: VU035536.D

Acq: 29 Oct 2019 12:01

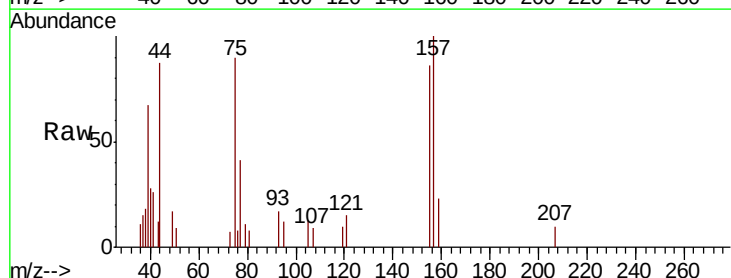
Tgt Ion: 75 Resp: 2904

Ion Ratio Lower Upper

75 100

155 88.2 71.3 106.9

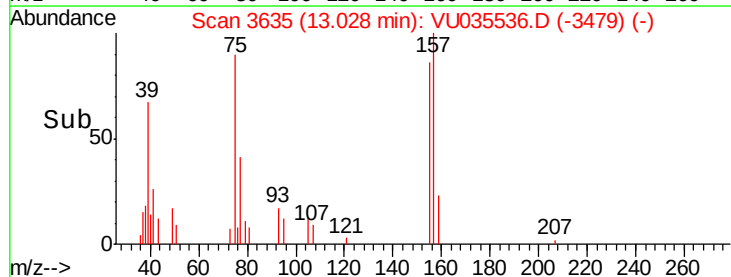
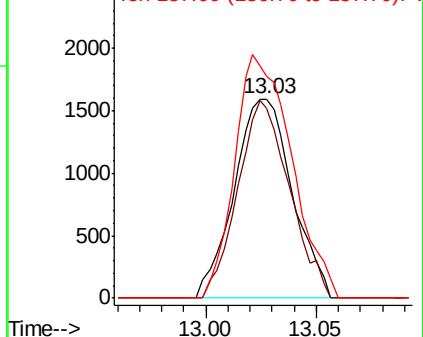
157 119.6 91.2 136.8

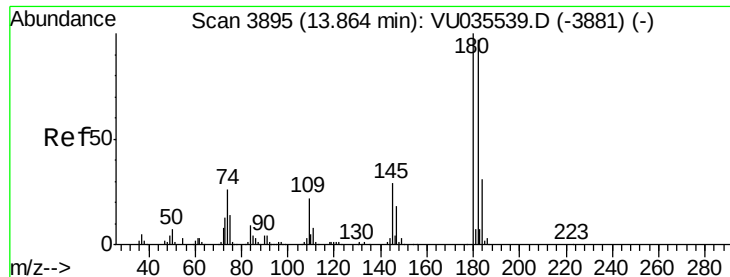


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

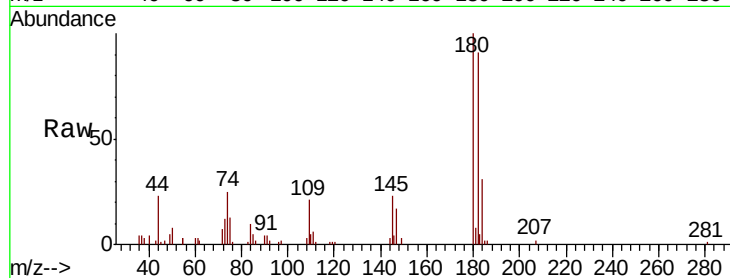




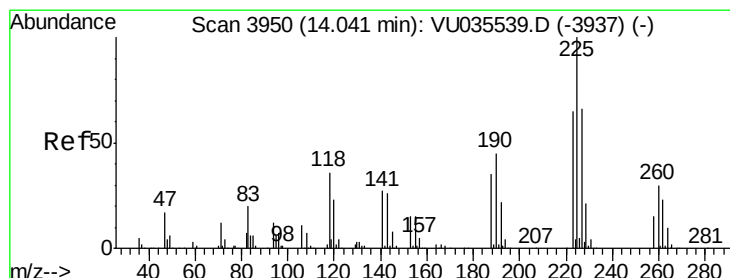
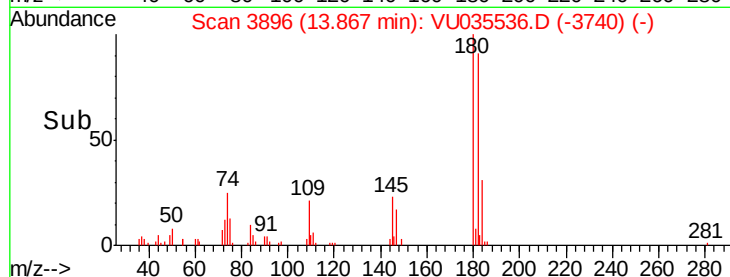
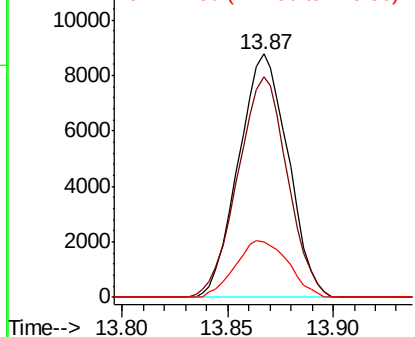
#87
 1,2,4-Trichlorobenzene
 Concen: 0.525 ug/l
 RT: 13.87 min Scan# 3896
 Delta R.T. 0.00 min
 Lab File: VU035536.D
 Acq: 29 Oct 2019 12:01

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180 Resp: 14276
 Ion Ratio Lower Upper
 180 100
 182 90.9 77.4 116.0
 145 24.9 22.6 33.8

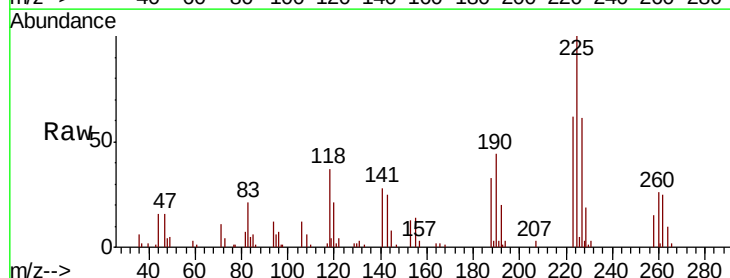


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

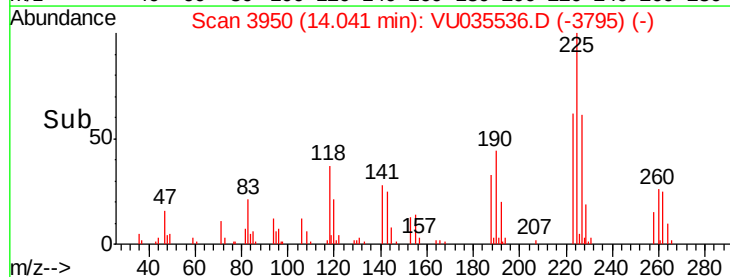
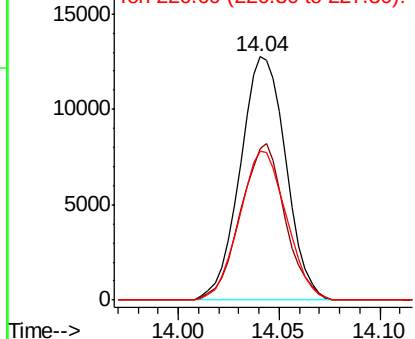


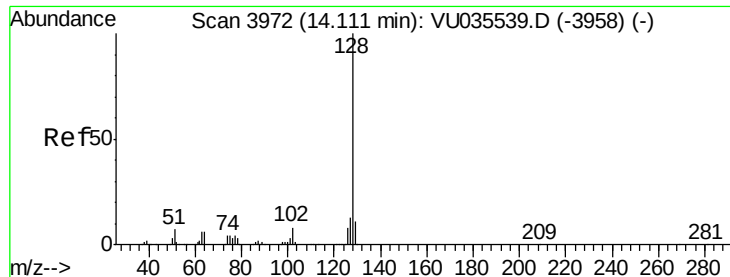
#88
 Hexachlorobutadiene
 Concen: 0.954 ug/l
 RT: 14.04 min Scan# 3950
 Delta R.T. -0.00 min
 Lab File: VU035536.D
 Acq: 29 Oct 2019 12:01

Tgt Ion:225 Resp: 20261
 Ion Ratio Lower Upper
 225 100
 223 62.6 50.7 76.1
 227 62.7 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: 0.431 ug/l

RT: 14.11 min Scan# 3973

Delta R.T. 0.00 min

Lab File: VU035536.D

Acq: 29 Oct 2019 12:01

Instrument :

MSVOA_U

ClientSampleId :

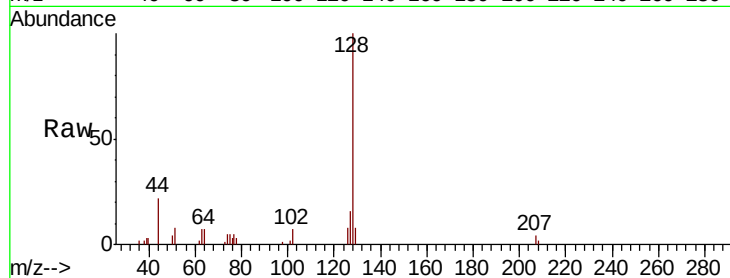
Tot Ion:128 Resp: 15320

Ion Ratio Lower Upper

128 100

127 14.1 10.3 15.5

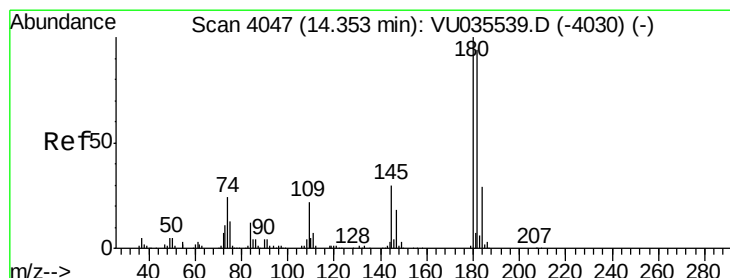
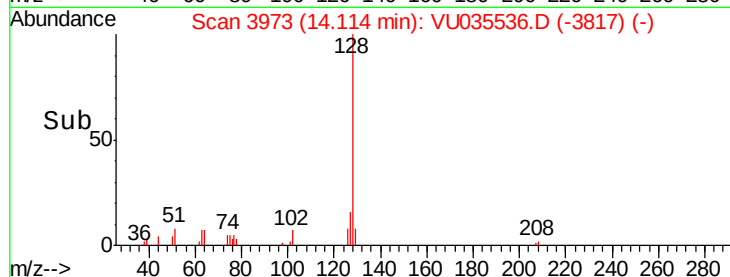
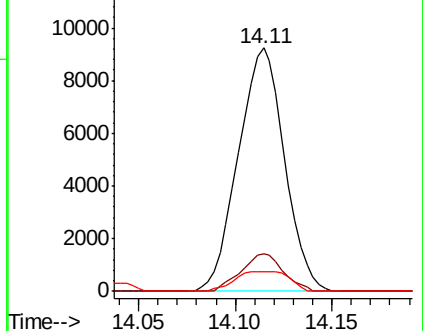
129 5.5 8.6 13.0#



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: 0.575 ug/l

RT: 14.36 min Scan# 4048

Delta R.T. 0.00 min

Lab File: VU035536.D

Acq: 29 Oct 2019 12:01

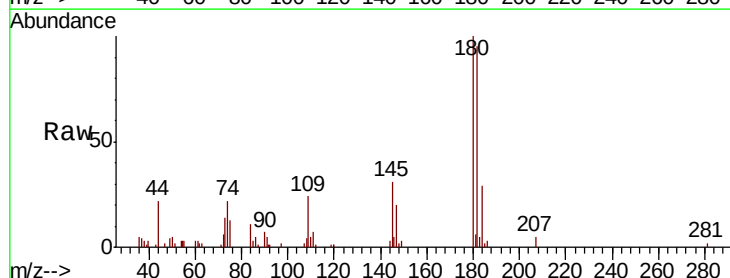
Tgt Ion:180 Resp: 14552

Ion Ratio Lower Upper

180 100

182 94.7 75.8 113.8

145 30.3 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

