

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033119\
 Data File : VU030578.D
 Acq On : 30 Mar 2019 18:49
 Operator : JC/SP
 Sample : VU0331WBS01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 31 01:17:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U033119DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sun Mar 31 01:11:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	50012	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	19623	1.03	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	18300	1.03	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.21	85	40182	1.910	ug/l 97
3) Chloromethane	1.33	50	49455	1.820	ug/l 97
4) Vinyl Chloride	1.40	62	44638	1.901	ug/l 99
5) Bromomethane	1.63	94	16141	1.594	ug/l 89
6) Chloroethane	1.70	64	25543	1.886	ug/l 99
7) Trichlorofluoromethane	1.88	101	49406	1.915	ug/l 98
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	24373	1.860	ug/l 97
9) 1,1-Dichloroethene	2.28	96	25870	1.962	ug/l 91
10) Iodomethane	2.41	142	5436	0.895	ug/l 99
11) Allyl Chloride	2.59	41	54053	1.881	ug/l 97
12) Acrylonitrile	2.94	53	15062	4.021	ug/l 96
13) Acetone	2.32	43	31612	9.009	ug/l 93
14) Carbon Disulfide	2.47	76	90419	1.877	ug/l 99
15) Methylene Chloride	2.69	84	32487	1.942	ug/l 98
16) trans-1,2-Dichloroethene	2.97	96	28876	1.938	ug/l 98
17) 1,1-Dichloroethane	3.44	63	61550	2.035	ug/l 98
18) 2-Butanone	4.28	43	45301	9.986	ug/l 98
19) Cyclohexane	4.98	56	42298	1.657	ug/l 93
20) Methylcyclohexane	6.41	83	38715	1.729	ug/l 99
21) 2,2-Dichloropropane	4.22	77	39099	1.682	ug/l 99
22) cis-1,2-Dichloroethene	4.22	96	31519	1.970	ug/l 93
23) Diethyl Ether	2.10	59	25090	2.002	ug/l 97
24) tert-Butyl Alcohol	2.85	59	28289	21.803	ug/l 99
25) Methyl tert-Butyl Ether	3.00	73	78498	2.056	ug/l 99
26) Bromochloromethane	4.54	128	11970	1.911	ug/l 94
27) Chloroform	4.67	83	56719	2.007	ug/l 100
28) 1,1,1-Trichloroethane	4.91	97	44560	1.910	ug/l 97
29) 1,1-Dichloropropene	5.13	75	38651	1.847	ug/l 98
30) Carbon Tetrachloride	5.13	117	38185	1.961	ug/l 98
31) Isopropyl Ether	3.58	45	97984	1.945	ug/l 99
32) Ethyl-t-butyl ether	4.07	59	76257	1.900	ug/l 99
33) Tert-Amyl methyl ether	5.58	73	60961	1.897	ug/l 99
34) Propionitrile	4.35	54	12545	10.172	ug/l # 71
35) Benzene	5.38	78	120769	1.952	ug/l 99
36) 1,2-Dichloroethane	5.40	62	36802	1.947	ug/l 98
37) Trichloroethene	6.18	130	28335	1.909	ug/l 93
38) 1,2-Dichloropropane	6.43	63	33998	1.984	ug/l 98
39) Methacrylonitrile	4.56	41	9857	1.772	ug/l 92
40) Methyl acrylate	4.44	55	14509	1.907	ug/l # 80
41) Tetrahydrofuran	4.66	42	12025	3.810	ug/l 98
42) 1-Chlorobutane	5.06	56	57778	1.845	ug/l 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033119\
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 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

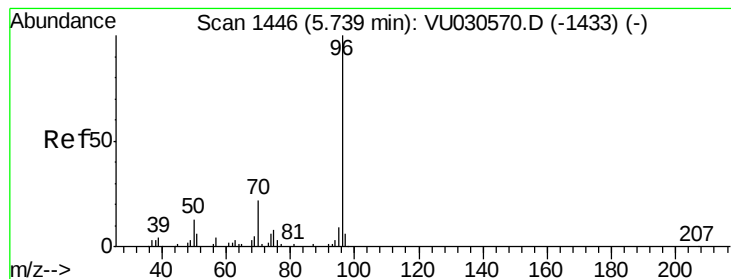
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 31 01:17:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U033119DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sun Mar 31 01:11:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) Dibromomethane	6.56	93	15924	2.049	ug/l	97
44) Bromodichloromethane	6.76	83	40361	1.962	ug/l #	98
45) 4-Methyl-2-Pentanone	7.47	43	101841	9.530	ug/l	97
46) t-1,4-Dichloro-2-butene	10.49	75	18199	5.307	ug/l #	74
47) Methyl methacrylate	6.63	69	27023	4.100	ug/l	97
48) Ethyl methacrylate	8.02	69	23275	1.801	ug/l	94
49) Toluene	7.63	92	62747	1.851	ug/l	99
50) t-1,3-Dichloropropene	7.88	75	31980	1.856	ug/l	99
51) cis-1,3-Dichloropropene	7.27	75	39123	1.825	ug/l	95
52) 1,1,2-Trichloroethane	8.07	97	20968	1.980	ug/l	92
53) 1,3-Dichloropropane	8.24	76	37756	1.949	ug/l	98
54) 2-Hexanone	8.37	43	66341	9.192	ug/l	96
55) Dibromochloromethane	8.47	129	24982	2.035	ug/l	97
56) 1,2-Dibromoethane	8.59	107	20149	2.051	ug/l	95
58) Tetrachloroethene	8.22	164	25939	1.954	ug/l	98
59) Chlorobenzene	9.12	112	71570	1.953	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.21	131	26320	1.939	ug/l	96
61) Pentachloroethane	11.10	117	20360	1.944	ug/l	98
62) Hexachloroethane	12.14	117	16809	1.844	ug/l	98
63) Ethyl Benzene	9.25	91	114069	1.754	ug/l	96
64) m/p-Xylenes	9.37	106	83846	3.524	ug/l	100
65) o-Xylene	9.78	106	43462	1.900	ug/l	96
66) Styrene	9.79	104	73688	1.911	ug/l	99
67) Bromoform	9.95	173	14171	2.107	ug/l #	98
69) Isopropylbenzene	10.16	105	113704	1.827	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	30405	2.051	ug/l	98
71) 1,2,3-Trichloropropane	10.49	75	18199	1.925	ug/l #	95
72) Bromobenzene	10.45	156	28487	1.908	ug/l	98
73) n-propylbenzene	10.58	120	27703	1.737	ug/l	96
74) 2-Chlorotoluene	10.66	126	29412	1.988	ug/l	89
75) 1,3,5-Trimethylbenzene	10.77	105	96466	1.844	ug/l	99
76) 4-Chlorotoluene	10.77	126	25979	1.727	ug/l	89
77) tert-Butylbenzene	11.10	119	90340	1.823	ug/l	98
78) 1,2,4-Trimethylbenzene	11.15	105	92598	1.785	ug/l	97
79) sec-Butylbenzene	11.32	105	121289	1.801	ug/l	98
80) Nitrobenzene	12.88	77	932	4.665	ug/l #	85
81) p-Isopropyltoluene	11.48	119	92073	1.780	ug/l	96
82) 1,3-Dichlorobenzene	11.41	146	57317	1.921	ug/l	99
83) 1,4-Dichlorobenzene	11.51	146	56171	1.878	ug/l	99
84) n-Butylbenzene	11.89	91	82755	1.654	ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	54430	1.938	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.66	75	4273	1.965	ug/l	97
87) 1,2,4-Trichlorobenzene	13.50	180	26886	1.677	ug/l	97
88) Hexachlorobutadiene	13.69	225	17845	1.765	ug/l	95
89) Naphthalene	13.75	128	38522	1.376	ug/l	96
90) 1,2,3-Trichlorobenzene	13.99	180	25253	1.660	ug/l	94

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1446

Delta R.T. -0.00 min

Lab File: VU030578.D

Acq: 30 Mar 2019 18:49

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 96 Resp: 50012

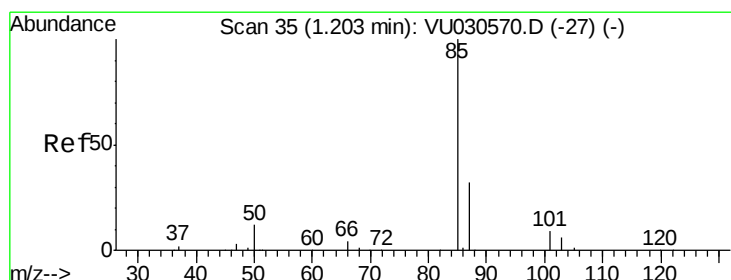
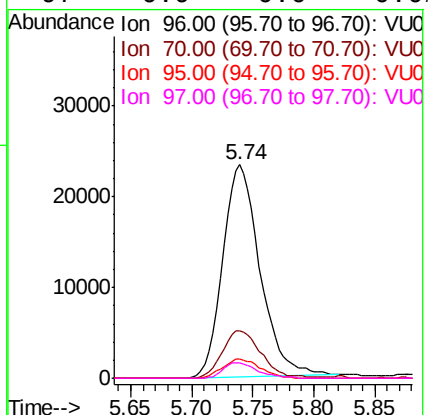
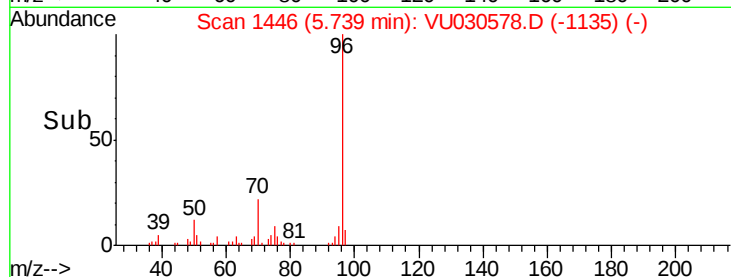
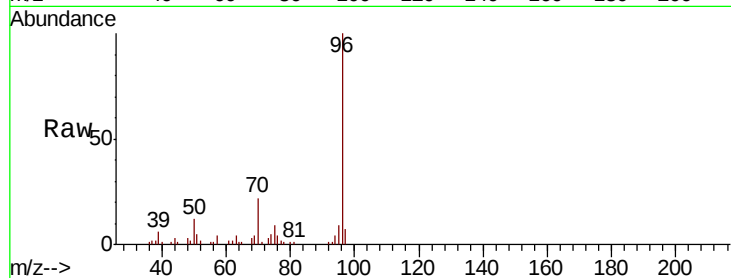
Ion Ratio Lower Upper

96 100

70 22.6 15.6 23.4

95 8.9 7.3 10.9

97 6.9 0.0 0.0#



#2

Dichlorodifluoromethane

Concen: 1.910 ug/l

RT: 1.21 min Scan# 36

Delta R.T. 0.00 min

Lab File: VU030578.D

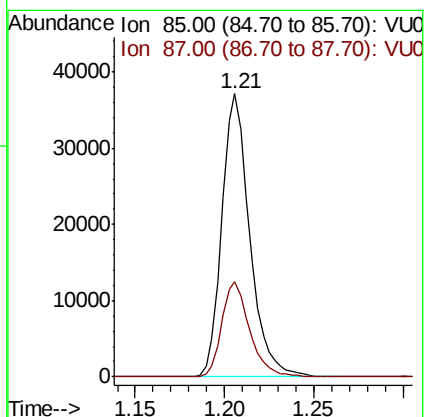
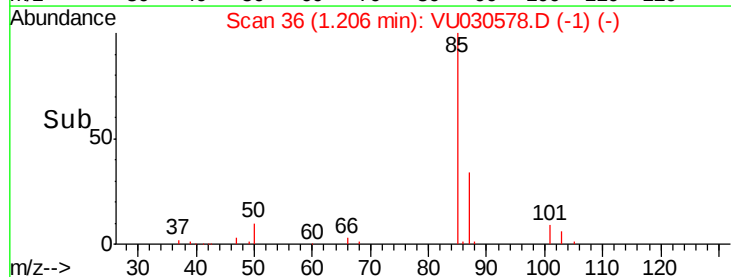
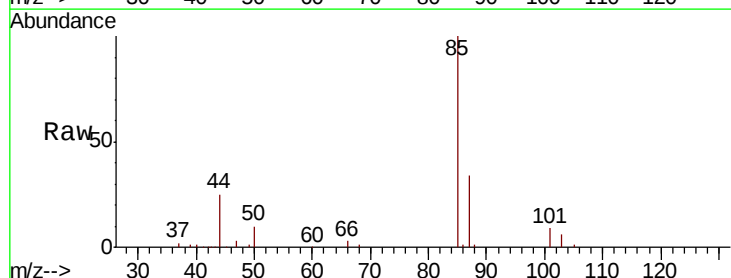
Acq: 30 Mar 2019 18:49

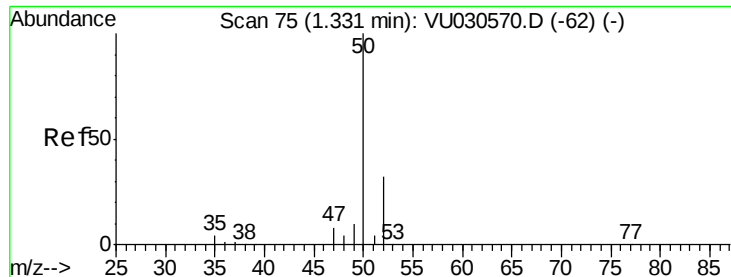
Tgt Ion: 85 Resp: 40182

Ion Ratio Lower Upper

85 100

87 33.5 15.9 47.6





#3

Chloromethane

Concen: 1.820 ug/l

RT: 1.33 min Scan# 75

Delta R.T. -0.00 min

Lab File: VU030578.D

Acq: 30 Mar 2019 18:49

Instrument :

MSVOA_U

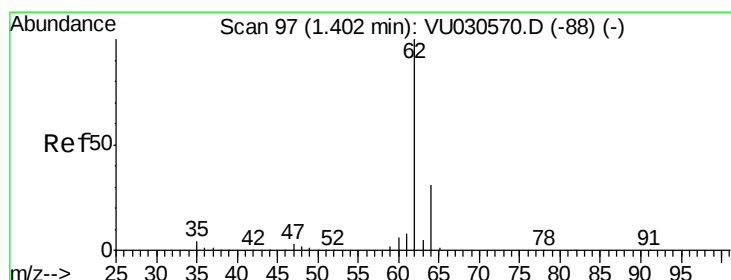
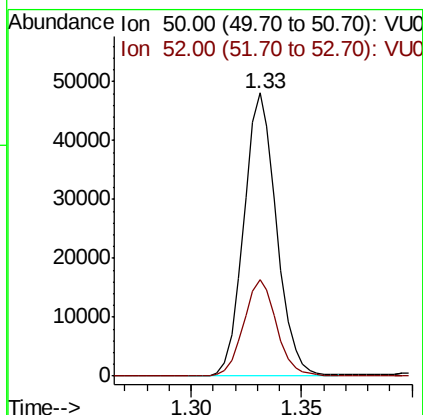
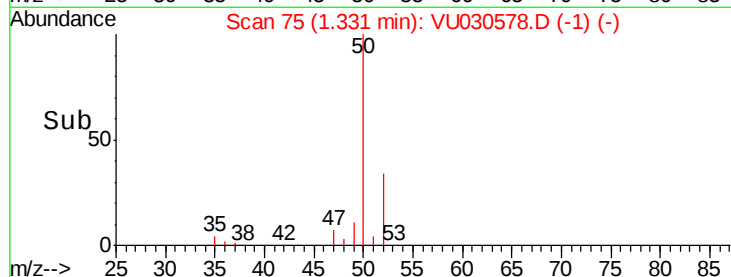
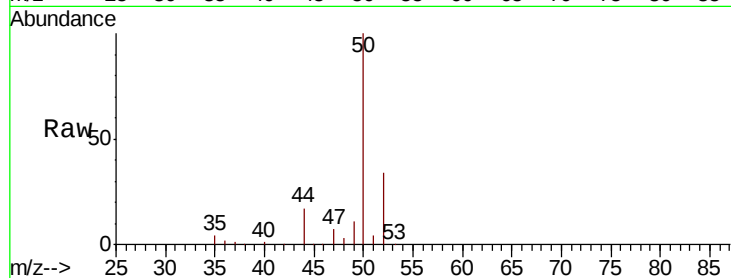
ClientSampled :

Tot Ion: 50 Resp: 49455

Ion Ratio Lower Upper

50 100

52 34.1 25.8 38.8



#4

Vinyl Chloride

Concen: 1.901 ug/l

RT: 1.40 min Scan# 97

Delta R.T. -0.00 min

Lab File: VU030578.D

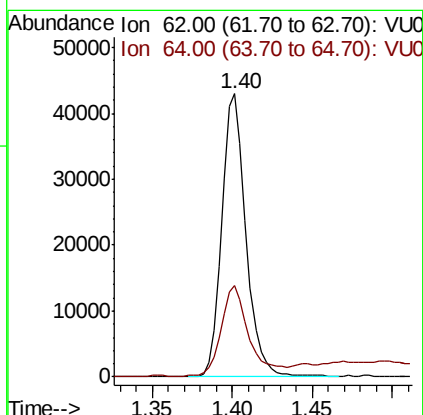
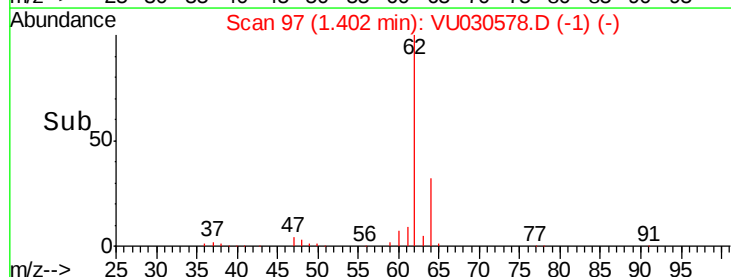
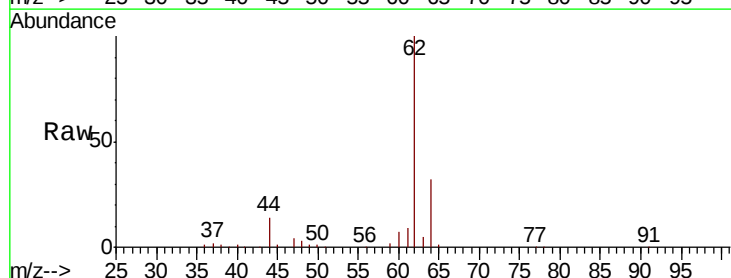
Acq: 30 Mar 2019 18:49

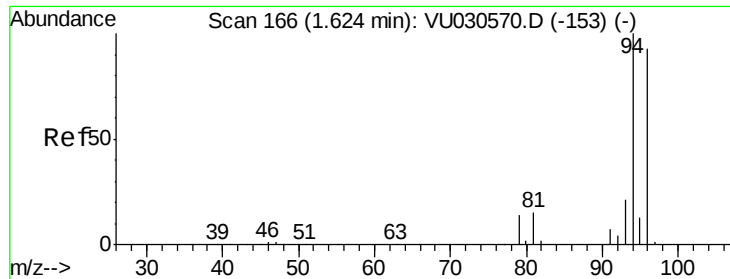
Tgt Ion: 62 Resp: 44638

Ion Ratio Lower Upper

62 100

64 31.7 25.1 37.7

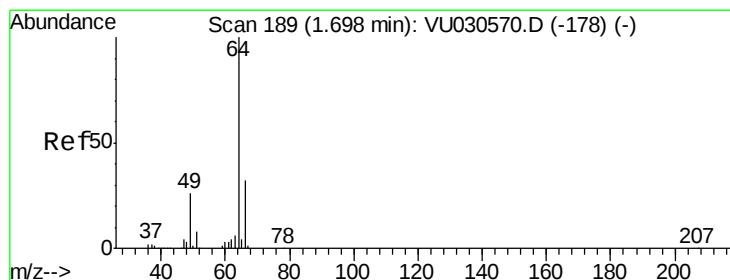
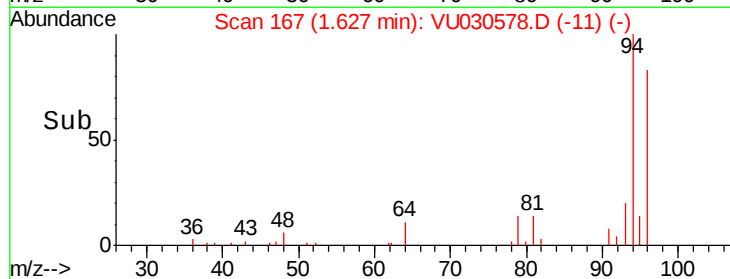
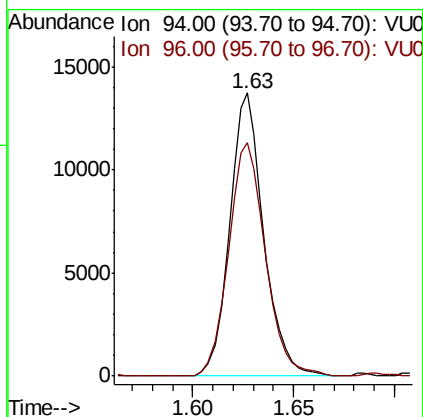
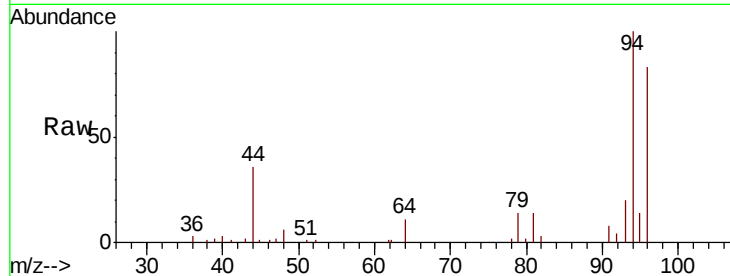




#5
Bromomethane
Concen: 1.594 ug/l
RT: 1.63 min Scan# 167
Delta R.T. 0.00 min
Lab File: VU030578.D
Acq: 30 Mar 2019 18:49

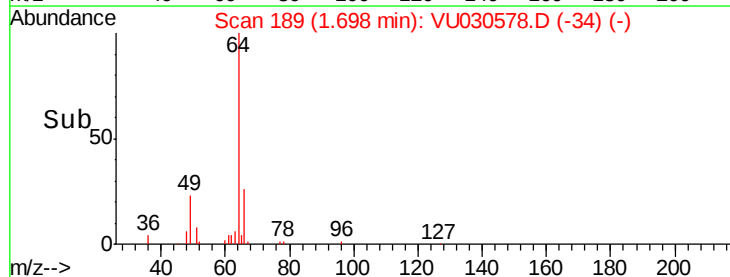
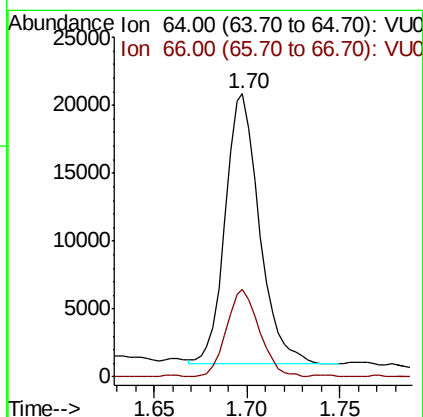
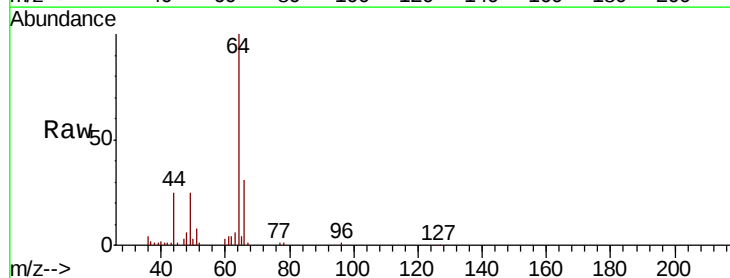
Instrument :
MSVOA_U
ClientSampleId :

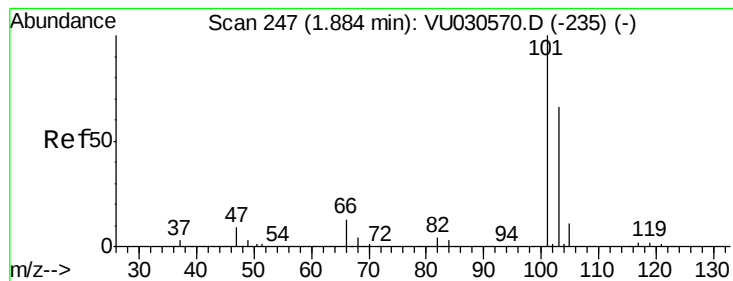
Tot Ion: 94 Resp: 16141
Ion Ratio Lower Upper
94 100
96 82.6 74.8 112.2



#6
Chloroethane
Concen: 1.886 ug/l
RT: 1.70 min Scan# 189
Delta R.T. -0.00 min
Lab File: VU030578.D
Acq: 30 Mar 2019 18:49

Tgt Ion: 64 Resp: 25543
Ion Ratio Lower Upper
64 100
66 32.4 25.5 38.3



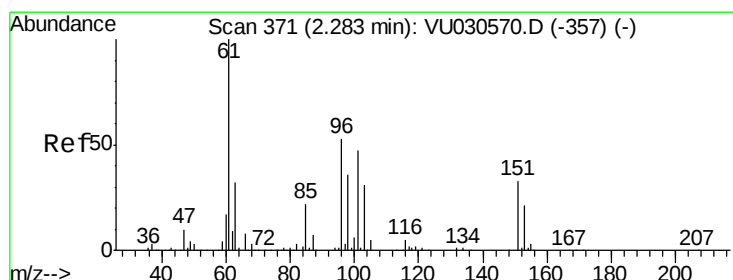
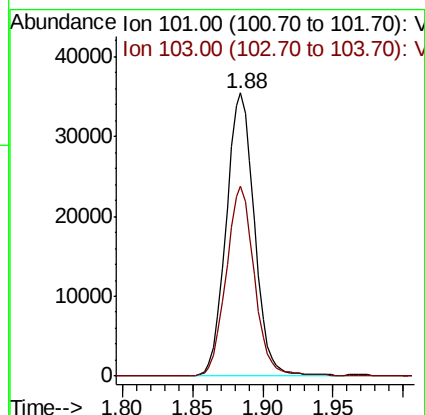
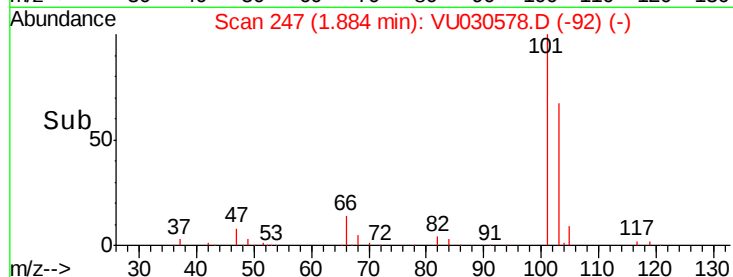
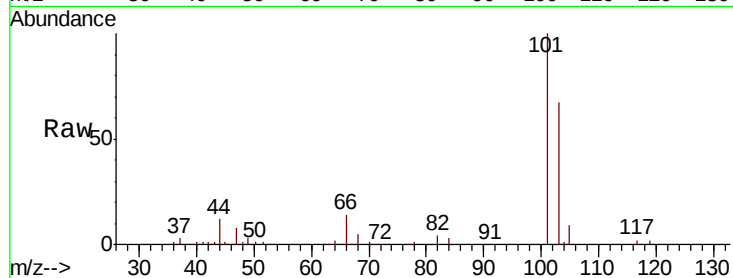


#7

Trichlorofluoromethane
 Concen: 1.915 ug/l
 RT: 1.88 min Scan# 247
 Delta R.T. -0.00 min
 Lab File: VU030578.D
 Acq: 30 Mar 2019 18:49

Instrument :
 MSVOA_U
 ClientSampleId :

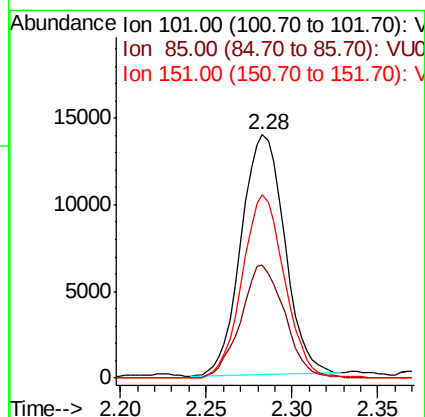
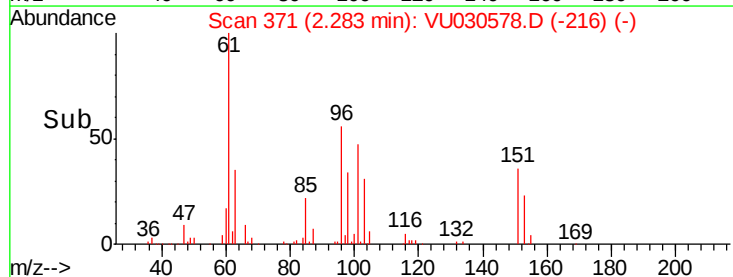
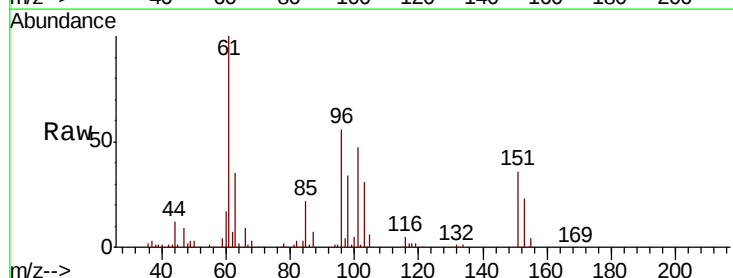
Tot Ion:101 Resp: 49406
 Ion Ratio Lower Upper
 101 100
 103 67.1 52.6 79.0

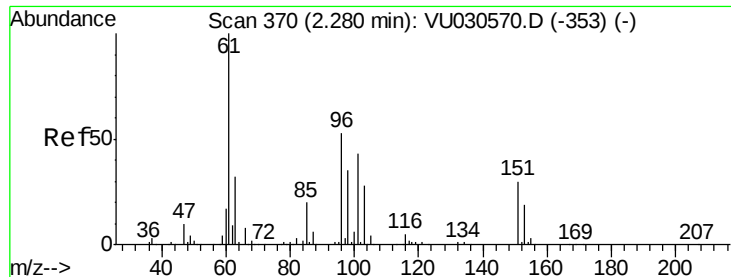


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.860 ug/l
 RT: 2.28 min Scan# 371
 Delta R.T. -0.00 min
 Lab File: VU030578.D
 Acq: 30 Mar 2019 18:49

Tgt Ion:101 Resp: 24373
 Ion Ratio Lower Upper
 101 100
 85 47.4 36.5 54.7
 151 73.1 56.5 84.7





#9

1,1-Dichloroethene

Concen: 1.962 ug/l

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VU030578.D

Acq: 30 Mar 2019 18:49

Instrument :

MSVOA_U

ClientSampleId :

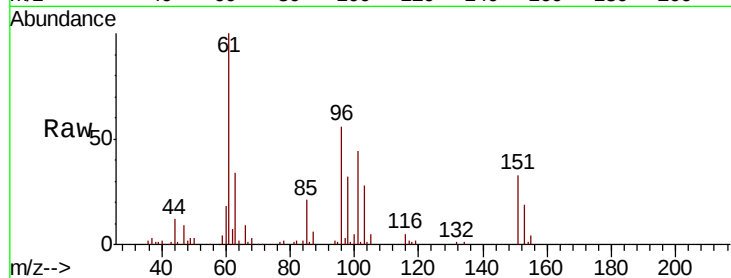
Tot Ion: 96 Resp: 25870

Ion Ratio Lower Upper

96 100

61 177.3 0.0 567.0

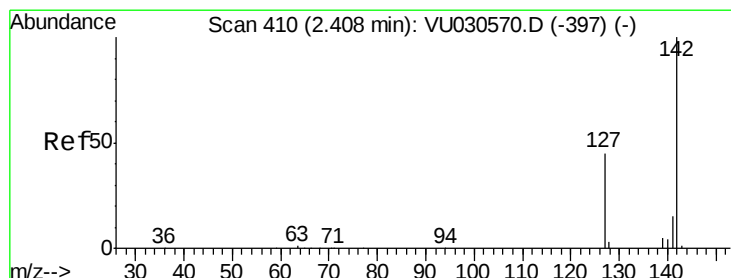
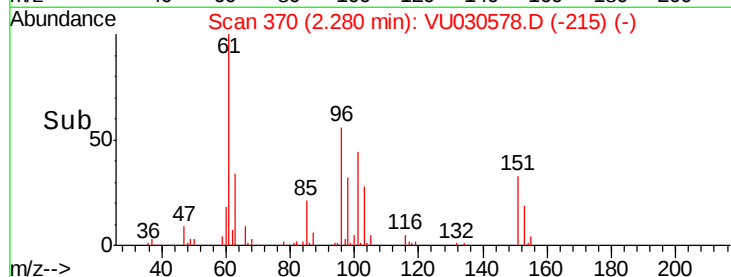
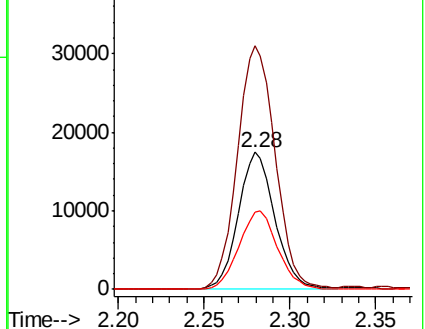
98 56.2 0.0 132.2



Abundance Ion 96.00 (95.70 to 96.70): VU030578.D (-215) (-)

Ion 61.00 (60.70 to 61.70): VU030578.D (-215) (-)

Ion 98.00 (97.70 to 98.70): VU030578.D (-215) (-)



#10

Iodomethane

Concen: 0.895 ug/l

RT: 2.41 min Scan# 409

Delta R.T. -0.00 min

Lab File: VU030578.D

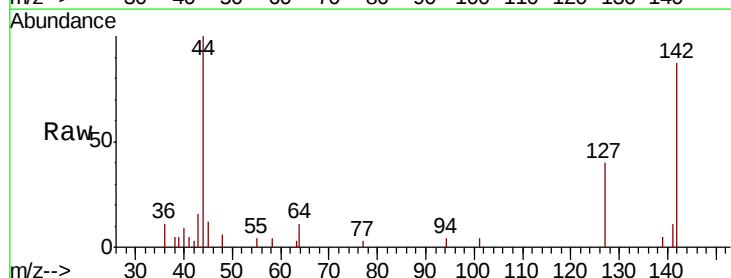
Acq: 30 Mar 2019 18:49

Tgt Ion: 142 Resp: 5436

Ion Ratio Lower Upper

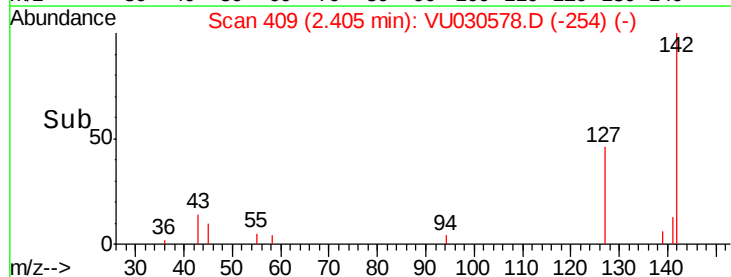
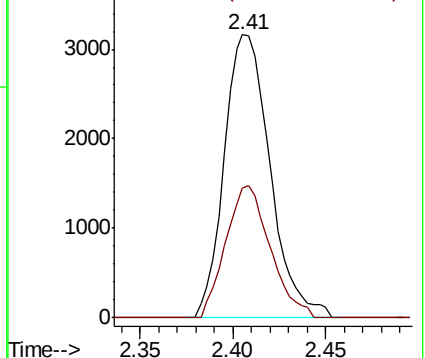
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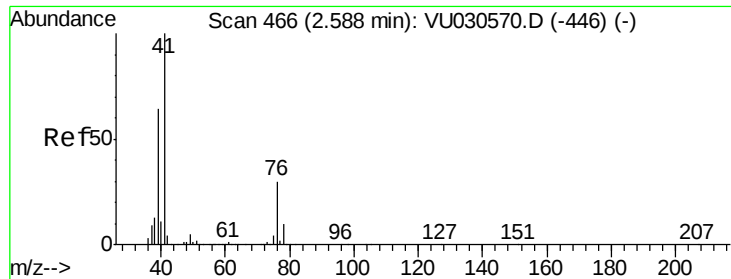
127 45.1 36.8 55.2



Abundance Ion 142.00 (141.70 to 142.70): VU030578.D (-254) (-)

Ion 127.00 (126.70 to 127.70): VU030578.D (-254) (-)

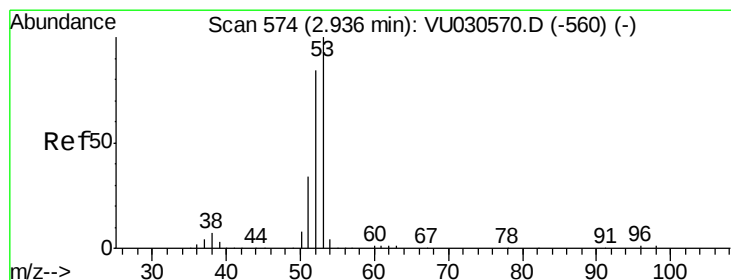
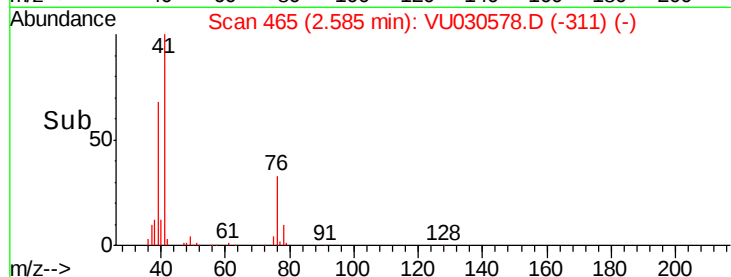
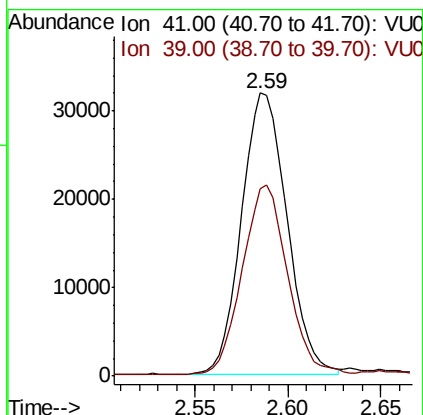
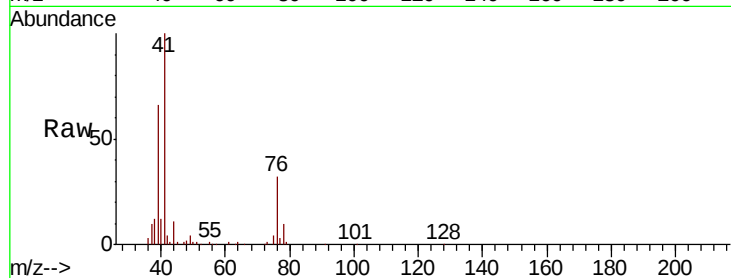




#11
Allvl Chloride
Concen: 1.881 ug/l
RT: 2.59 min Scan# 465
Delta R.T. -0.00 min
Lab File: VU030578.D
Acq: 30 Mar 2019 18:49

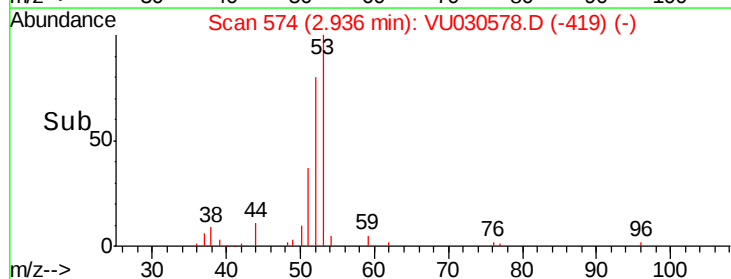
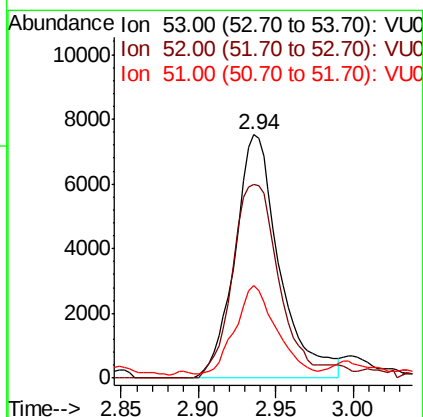
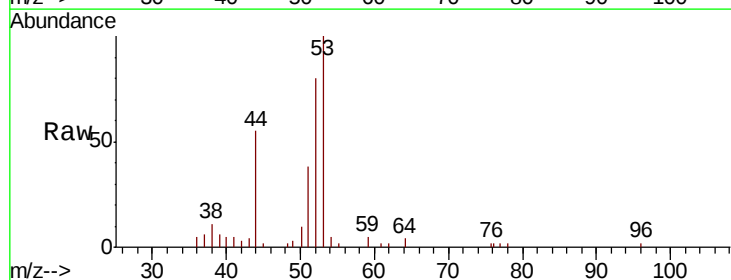
Instrument :
MSVOA_U
ClientSampleId :

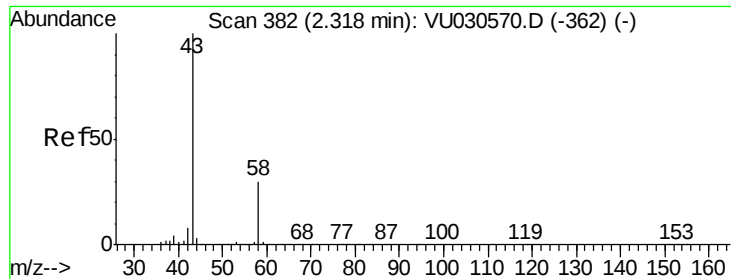
Tot Ion: 41 Resp: 54053
Ion Ratio Lower Upper
41 100
39 67.3 51.8 77.6



#12
Acrylonitrile
Concen: 4.021 ug/l
RT: 2.94 min Scan# 574
Delta R.T. -0.00 min
Lab File: VU030578.D
Acq: 30 Mar 2019 18:49

Tgt Ion: 53 Resp: 15062
Ion Ratio Lower Upper
53 100
52 82.2 69.1 103.7
51 33.9 27.9 41.9





#13

Acetone

Concen: 9.009 ug/l

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030578.D

Acq: 30 Mar 2019 18:49

Instrument :

MSVOA_U

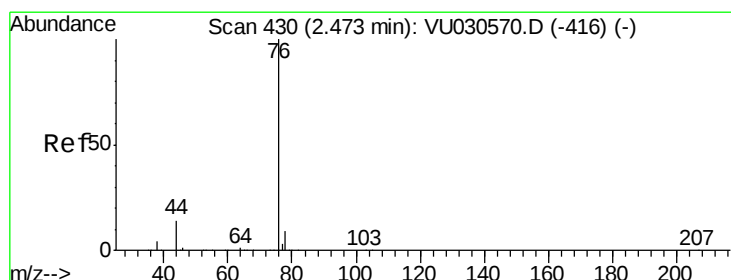
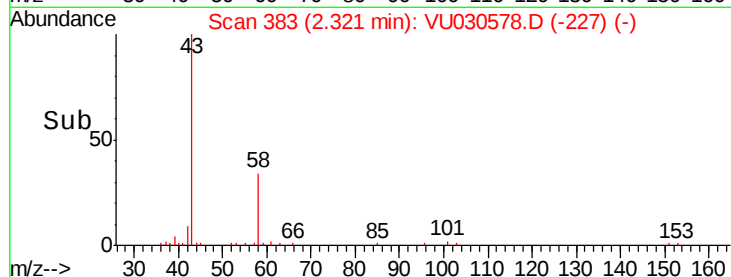
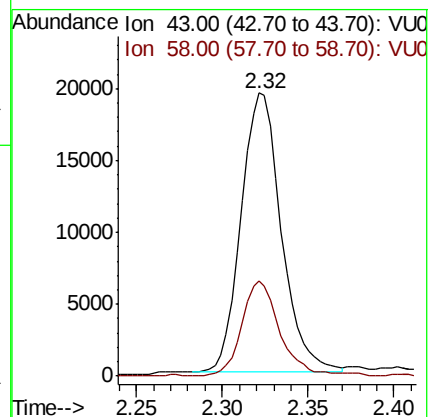
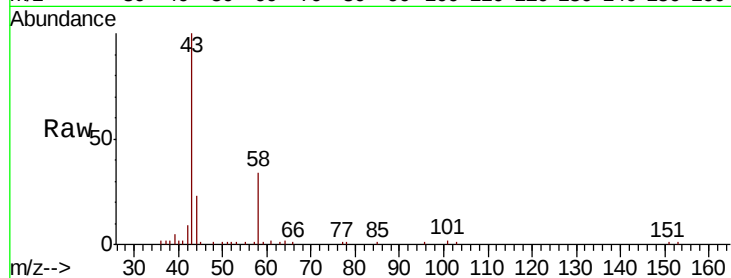
ClientSampleId :

Tot Ion: 43 Resp: 31612

Ion Ratio Lower Upper

43 100

58 34.2 24.2 36.4



#14

Carbon Disulfide

Concen: 1.877 ug/l

RT: 2.47 min Scan# 429

Delta R.T. -0.00 min

Lab File: VU030578.D

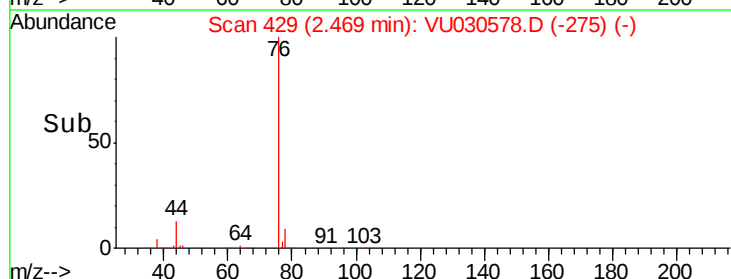
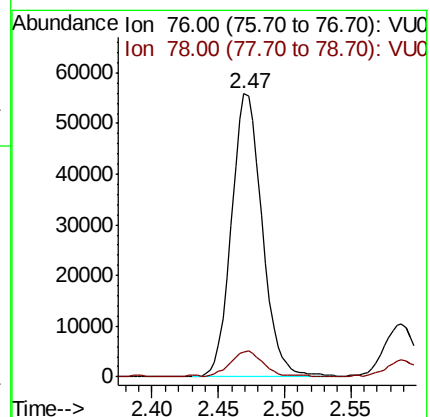
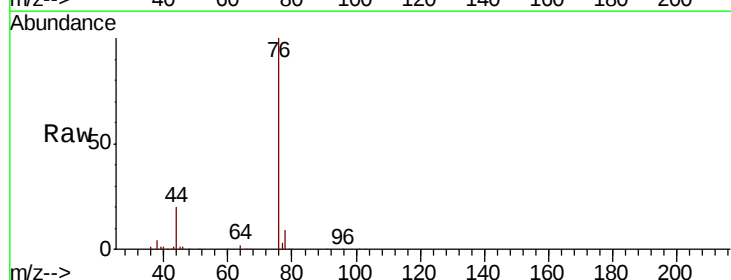
Acq: 30 Mar 2019 18:49

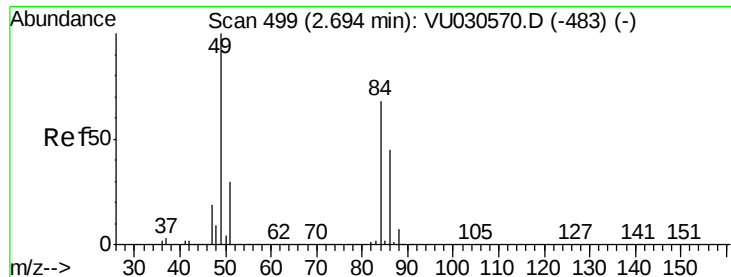
Tgt Ion: 76 Resp: 90419

Ion Ratio Lower Upper

76 100

78 8.7 7.3 10.9

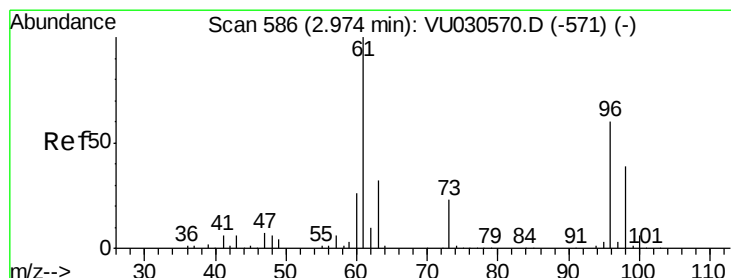
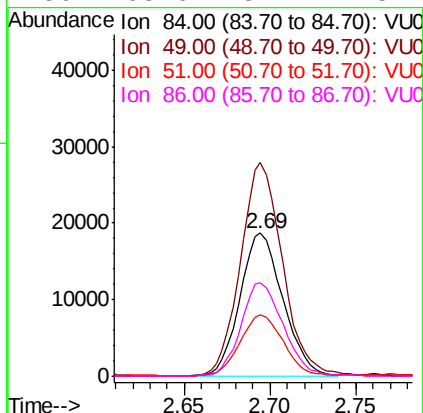
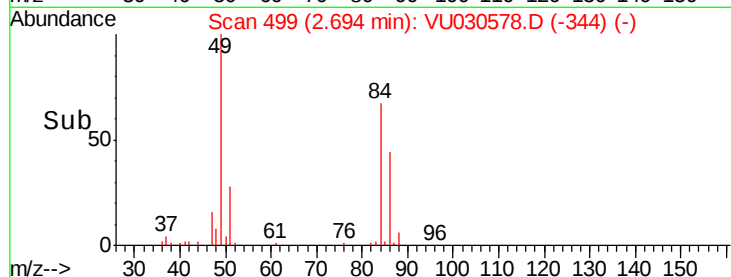
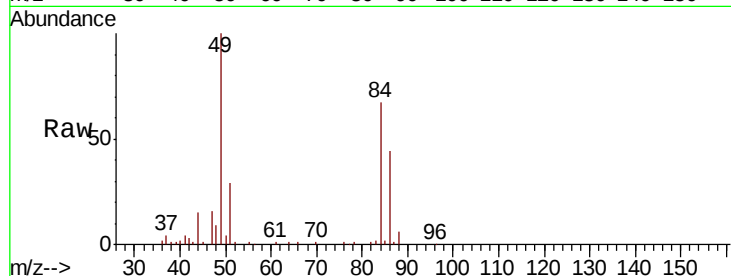




#15
Methvlene Chloride
Concen: 1.942 ug/l
RT: 2.69 min Scan# 499
Delta R.T. -0.00 min
Lab File: VU030578.D
Acq: 30 Mar 2019 18:49

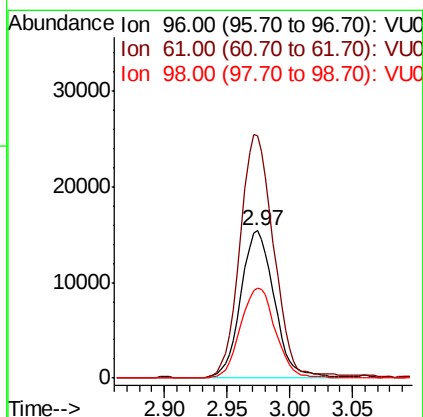
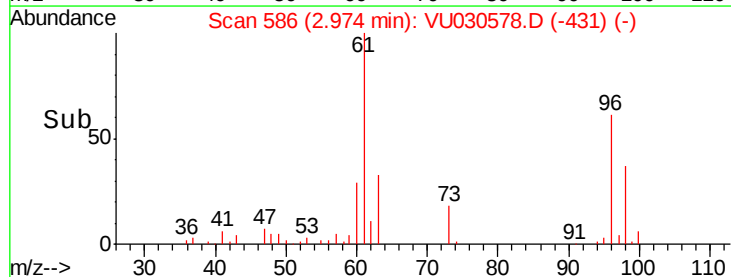
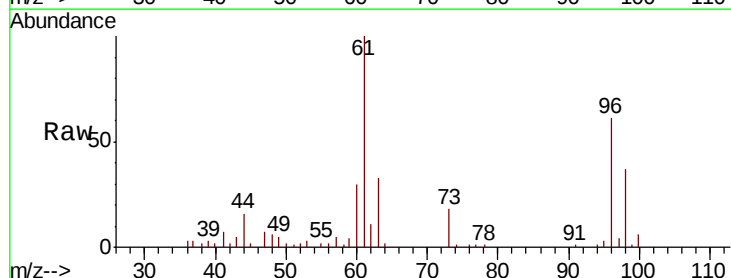
Instrument :
MSVOA_U
ClientSampleId :

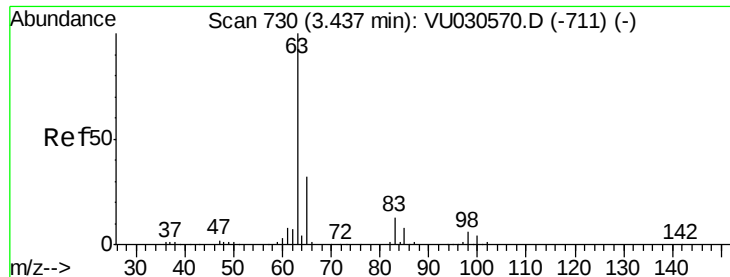
Tot Ion:	84	Resp:	32487
Ion	Ratio	Lower	Upper
84	100		
49	149.3	117.0	175.6
51	43.0	0.0	88.6
86	65.6	52.2	78.2



#16
trans-1,2-Dichloroethene
Concen: 1.938 ug/l
RT: 2.97 min Scan# 586
Delta R.T. -0.00 min
Lab File: VU030578.D
Acq: 30 Mar 2019 18:49

Tgt Ion:	96	Resp:	28876
Ion	Ratio	Lower	Upper
96	100		
61	164.0	132.3	198.5
98	60.8	51.3	76.9

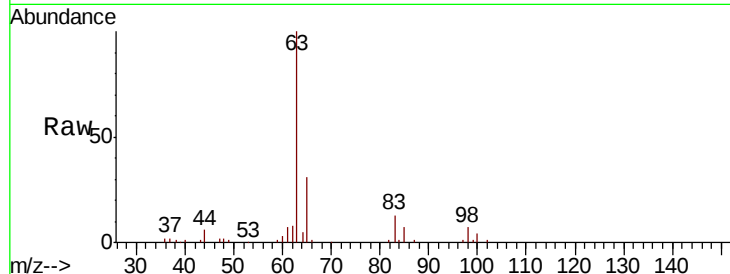




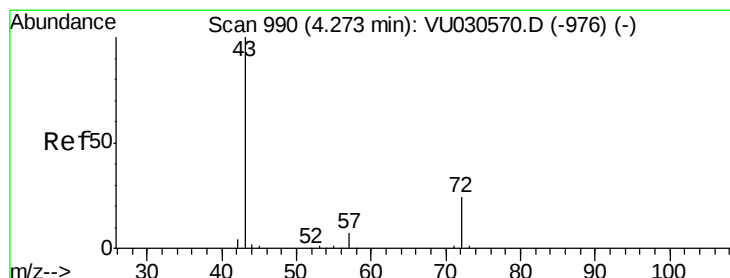
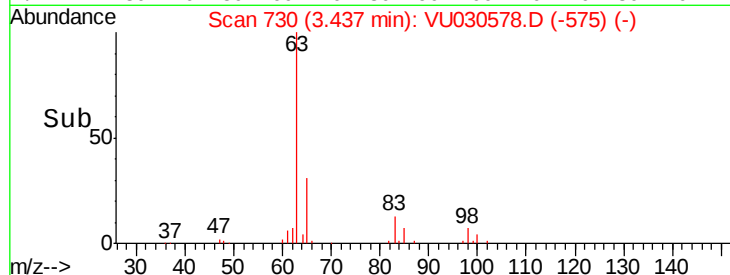
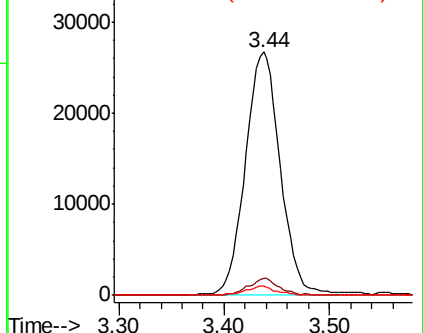
#17
 1,1-Dichloroethane
 Concen: 2.035 ug/l
 RT: 3.44 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: VU030578.D
 Acq: 30 Mar 2019 18:49

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 63 Resp: 61550
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.0 9.0
 100 3.9 1.8 5.5

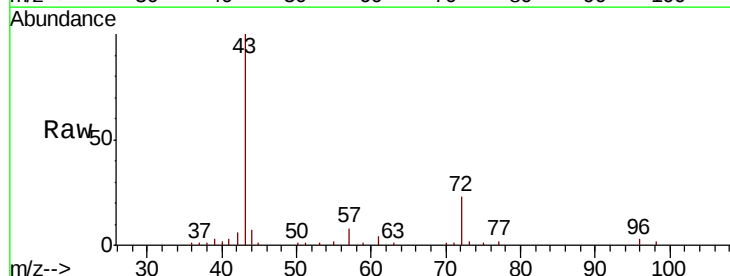


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

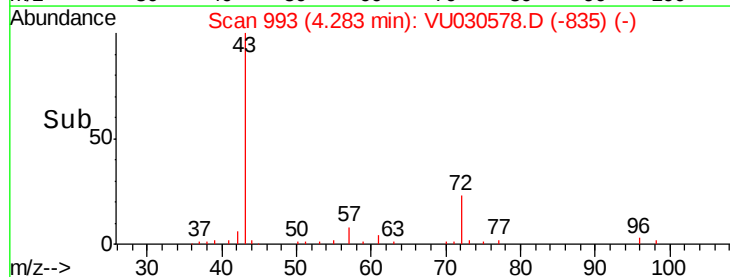
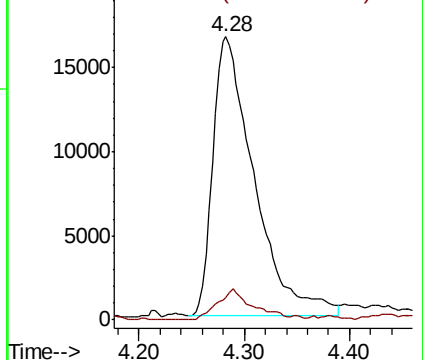


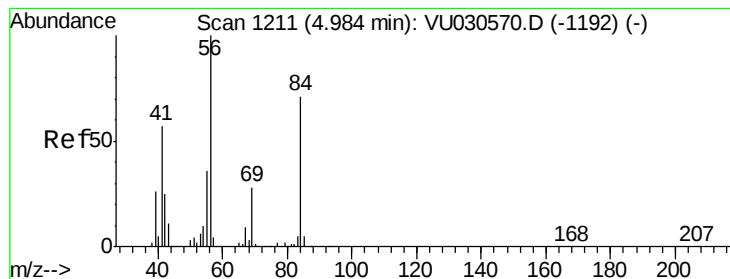
#18
 2-Butanone
 Concen: 9.986 ug/l
 RT: 4.28 min Scan# 993
 Delta R.T. 0.01 min
 Lab File: VU030578.D
 Acq: 30 Mar 2019 18:49

Tgt Ion: 43 Resp: 45301
 Ion Ratio Lower Upper
 43 100
 57 7.8 0.0 14.4



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0





#19

Cyclohexane

Concen: 1.657 ug/l

RT: 4.98 min Scan# 1211

Delta R.T. -0.00 min

Lab File: VU030578.D

Acq: 30 Mar 2019 18:49

Instrument :
MSVOA_U
ClientSampleId :

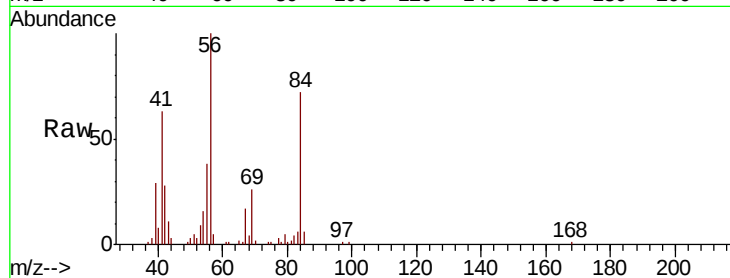
Tot Ion: 56 Resp: 42298

Ion Ratio Lower Upper

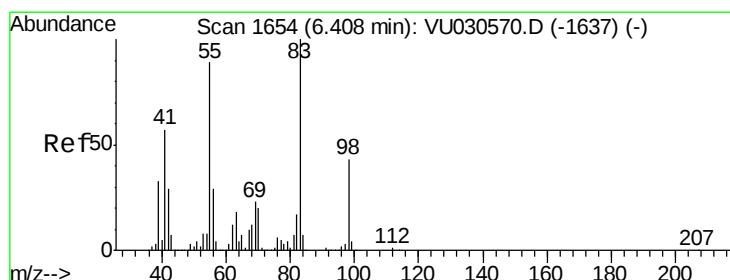
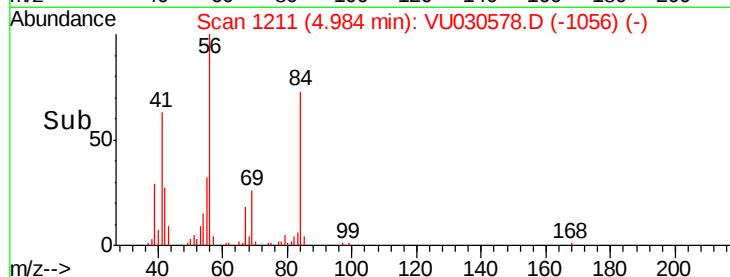
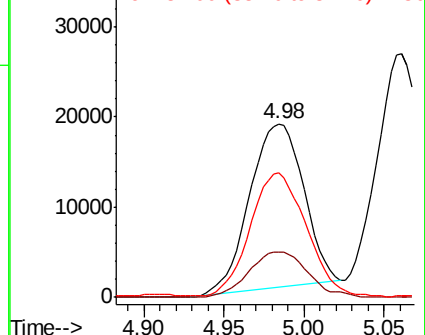
56 100

69 30.3 22.3 33.5

84 78.1 57.6 86.4



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: 1.729 ug/l

RT: 6.41 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VU030578.D

Acq: 30 Mar 2019 18:49

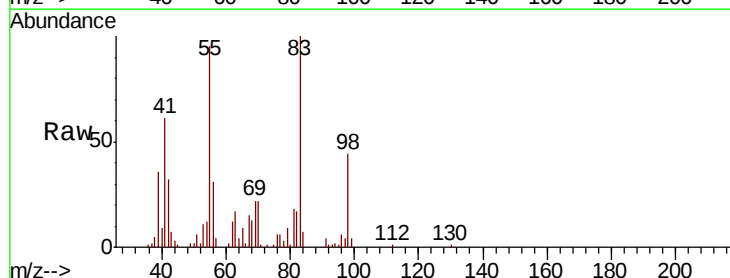
Tgt Ion: 83 Resp: 38715

Ion Ratio Lower Upper

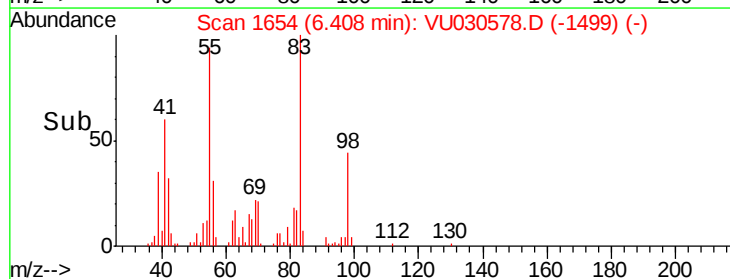
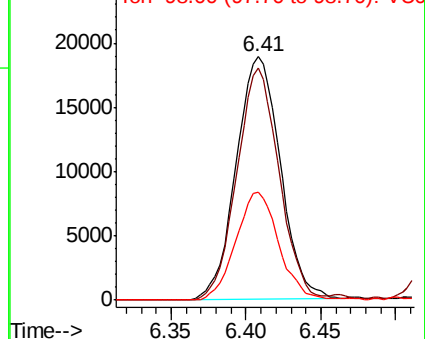
83 100

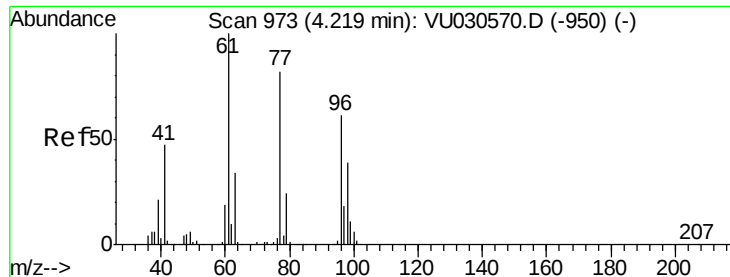
55 89.7 72.0 108.0

98 42.4 35.0 52.4



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: 1.682 ug/l

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU030578.D

Acq: 30 Mar 2019 18:49

Instrument :

MSVOA_U

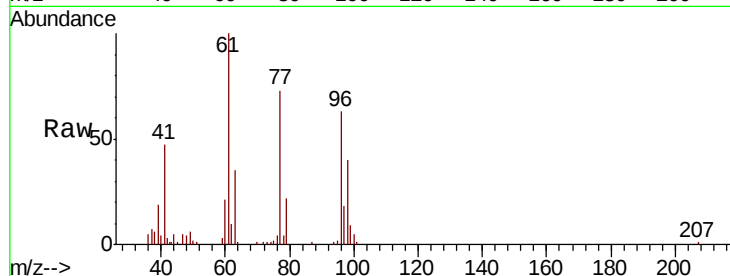
ClientSampled :

Tot Ion: 77 Resp: 39099

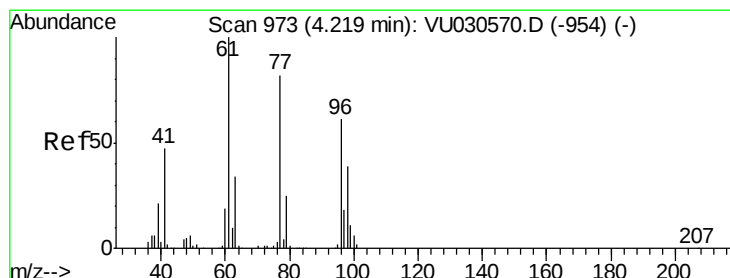
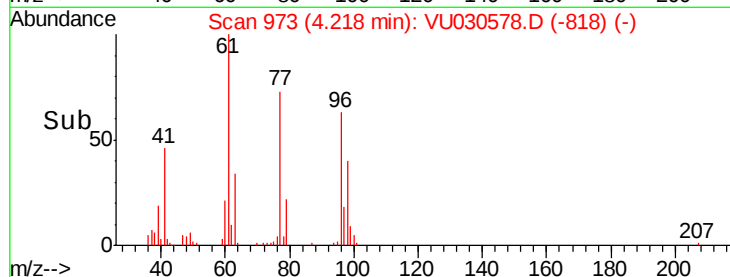
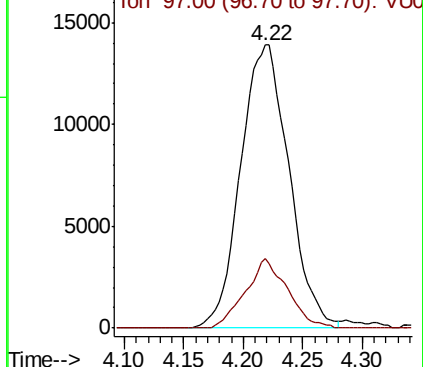
Ion Ratio Lower Upper

77 100

97 21.3 17.6 26.4



Abundance Ion 77.00 (76.70 to 77.70): VU030570.D (-950) (-)



#22

cis-1,2-Dichloroethene

Concen: 1.970 ug/l

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU030578.D

Acq: 30 Mar 2019 18:49

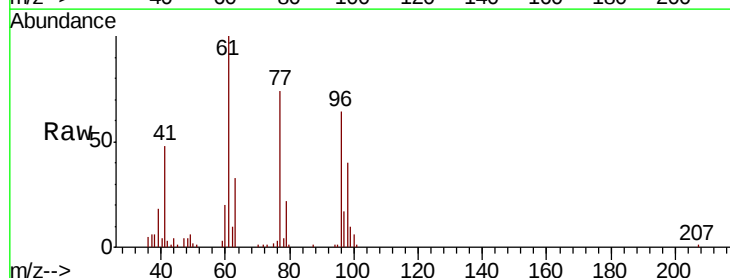
Tgt Ion: 96 Resp: 31519

Ion Ratio Lower Upper

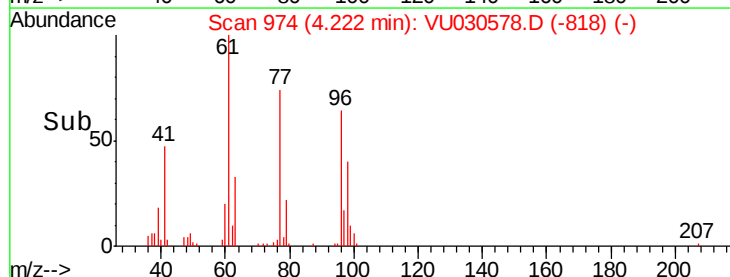
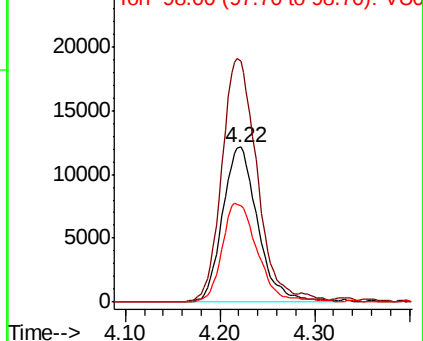
96 100

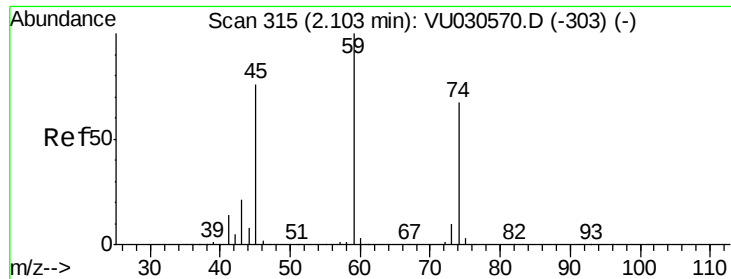
61 157.8 0.0 427.0

98 63.4 32.5 97.4



Abundance Ion 96.00 (95.70 to 96.70): VU030578.D (-818) (-)

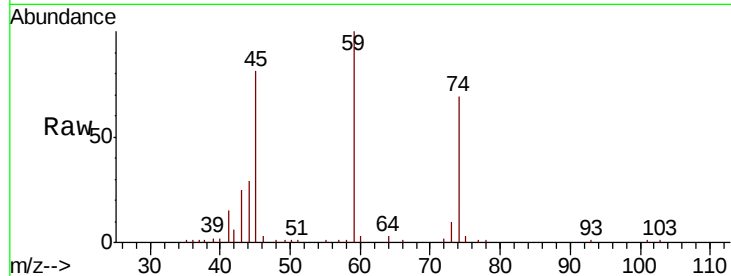




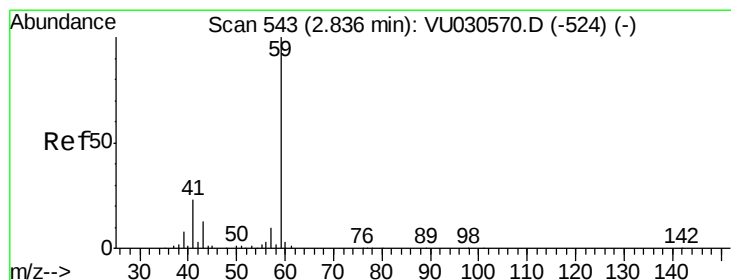
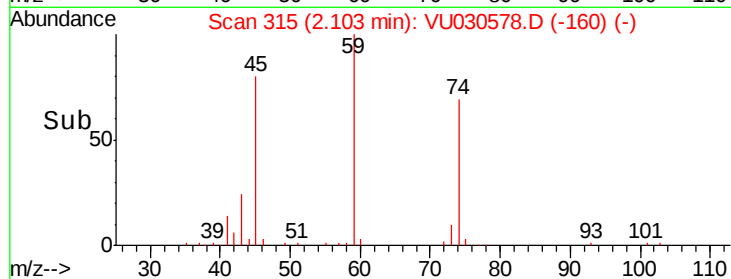
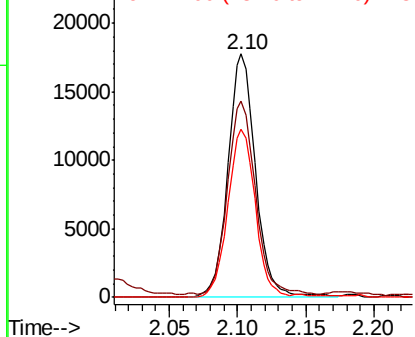
#23
Diethyl Ether
Concen: 2.002 ug/l
RT: 2.10 min Scan# 315
Delta R.T. -0.00 min
Lab File: VU030578.D
Acq: 30 Mar 2019 18:49

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 59 Resp: 25090
Ion Ratio Lower Upper
59 100
45 80.5 61.6 92.4
74 68.3 53.2 79.8

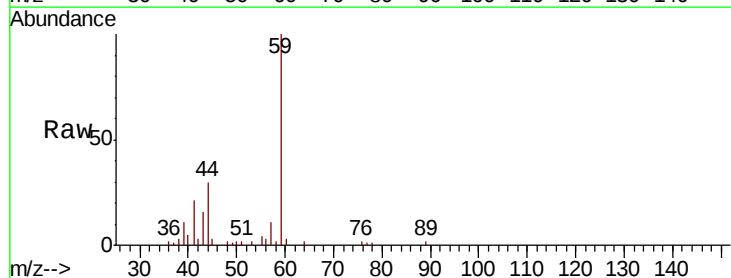


Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

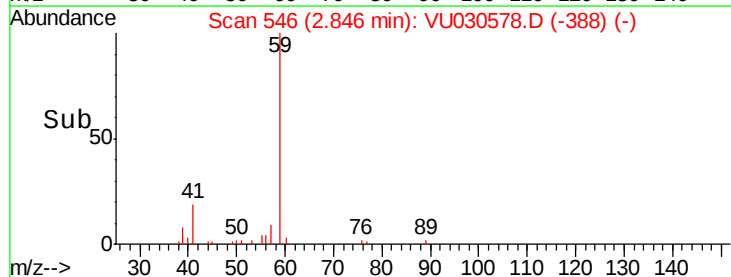
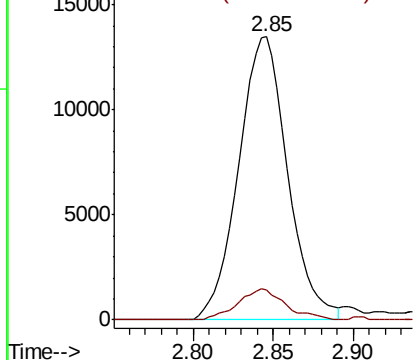


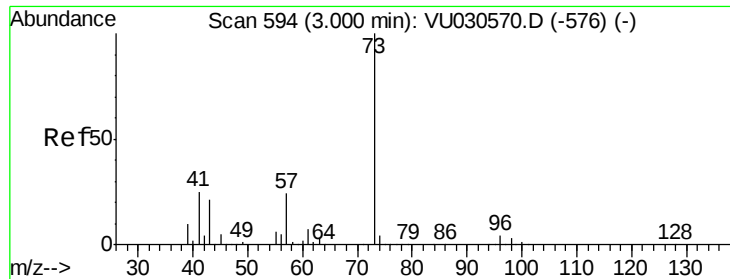
#24
tert-Butyl Alcohol
Concen: 21.803 ug/l
RT: 2.85 min Scan# 546
Delta R.T. 0.01 min
Lab File: VU030578.D
Acq: 30 Mar 2019 18:49

Tgt Ion: 59 Resp: 28289
Ion Ratio Lower Upper
59 100
57 10.7 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 57.00 (56.70 to 57.70): VU0



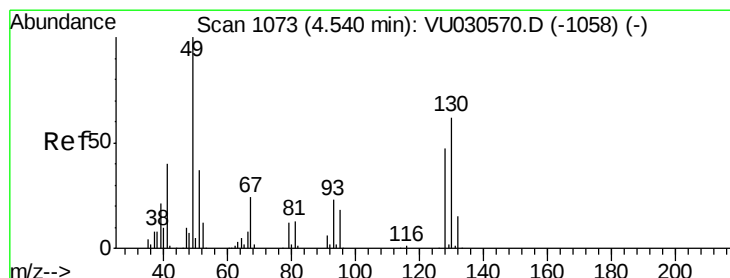
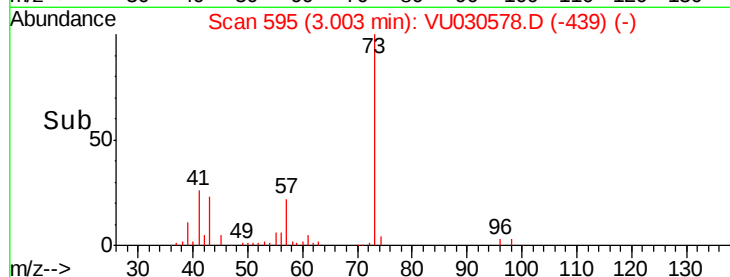
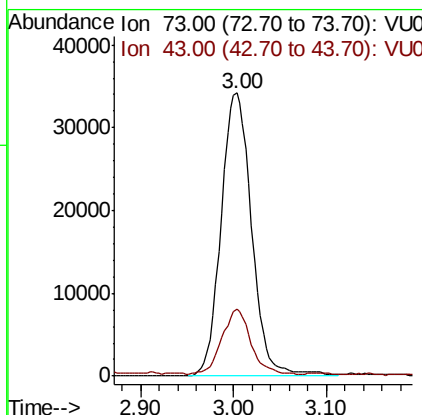
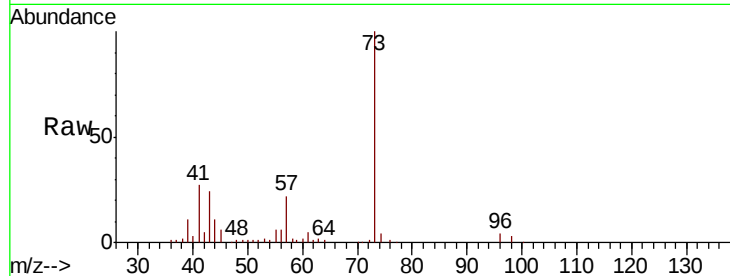


#25

Methyl tert-Butyl Ether
Concen: 2.056 ug/l
RT: 3.00 min Scan# 595
Delta R.T. 0.00 min
Lab File: VU030578.D
Acq: 30 Mar 2019 18:49

Instrument :
MSVOA_U
ClientSampleId :

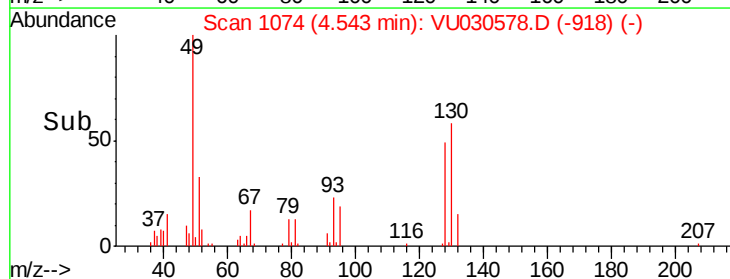
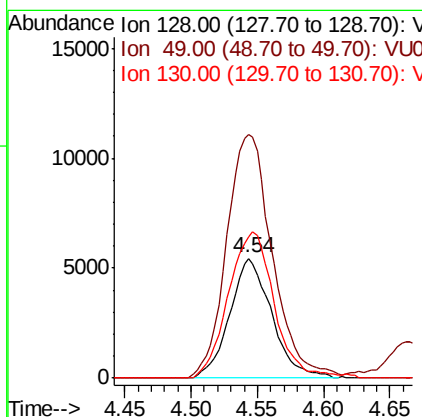
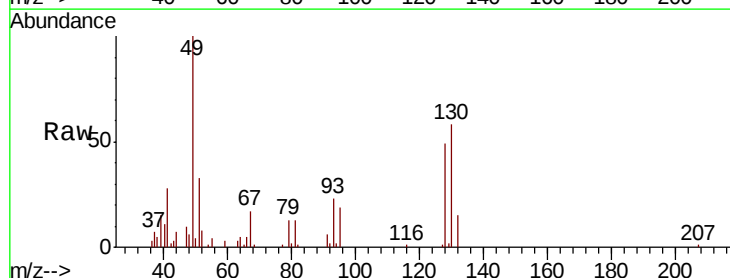
Tot Ion: 73 Resp: 78498
Ion Ratio Lower Upper
73 100
43 21.2 16.6 24.8

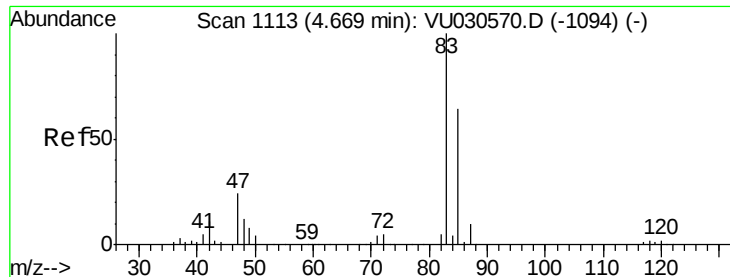


#26

Bromochloromethane
Concen: 1.911 ug/l
RT: 4.54 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VU030578.D
Acq: 30 Mar 2019 18:49

Tgt Ion: 128 Resp: 11970
Ion Ratio Lower Upper
128 100
49 221.4 0.0 418.2
130 133.9 103.4 155.0

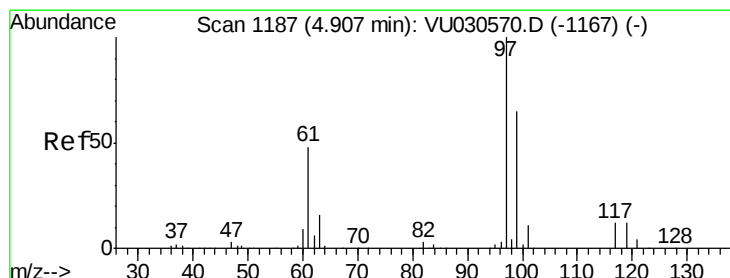
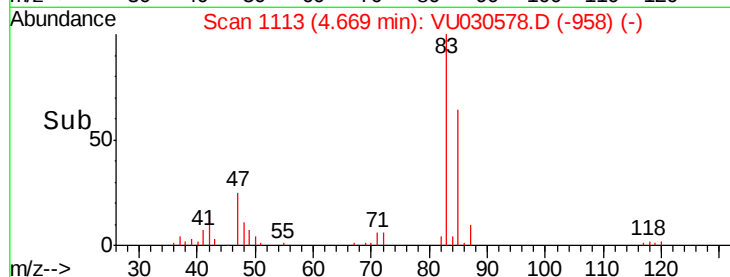
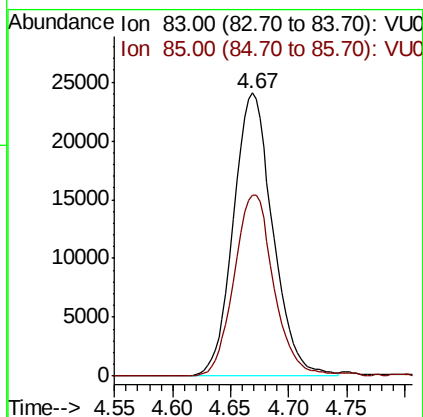
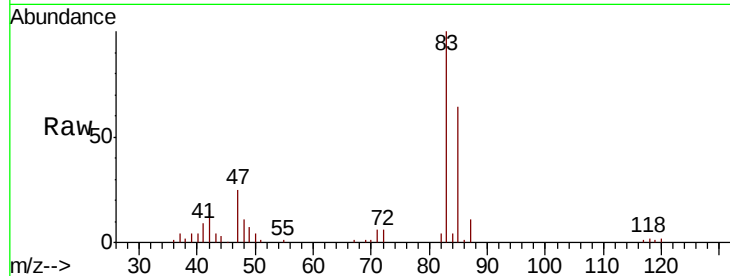




#27
Chloroform
Concen: 2.007 ug/l
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU030578.D
Acq: 30 Mar 2019 18:49

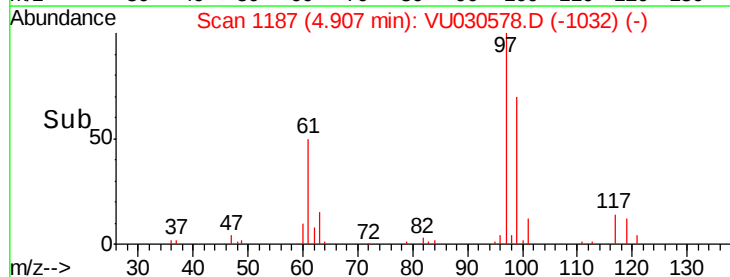
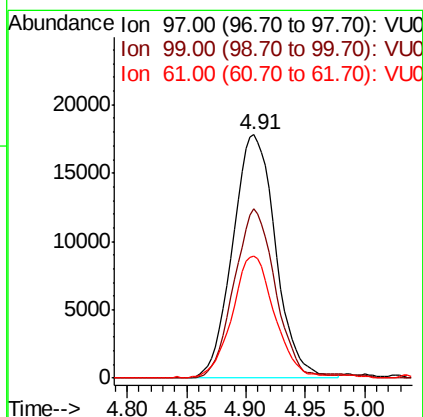
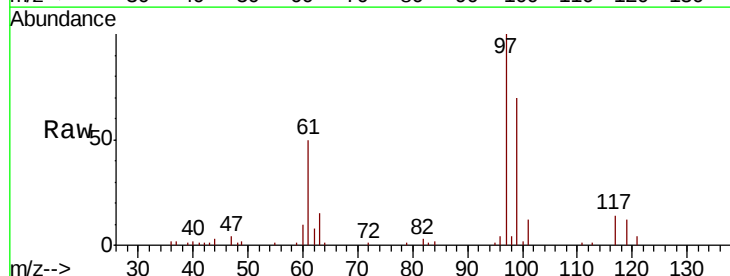
Instrument :
MSVOA_U
ClientSampled :

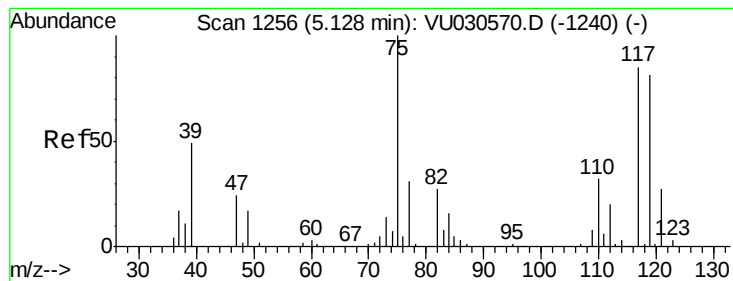
Tot Ion: 83 Resp: 56719
Ion Ratio Lower Upper
83 100
85 63.9 0.0 128.4



#28
1,1,1-Trichloroethane
Concen: 1.910 ug/l
RT: 4.91 min Scan# 1187
Delta R.T. -0.00 min
Lab File: VU030578.D
Acq: 30 Mar 2019 18:49

Tgt Ion: 97 Resp: 44560
Ion Ratio Lower Upper
97 100
99 66.5 32.0 96.0
61 49.4 24.0 72.0





#29

1,1-Dichloropropene

Concen: 1.847 ug/l

RT: 5.13 min Scan# 1256

Delta R.T. -0.00 min

Lab File: VU030578.D

Acq: 30 Mar 2019 18:49

Instrument :

MSVOA_U

ClientSampleId :

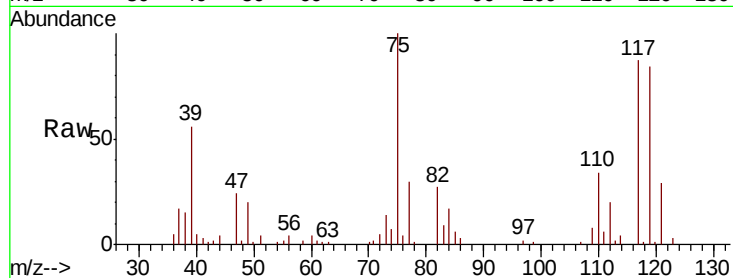
Tot Ion: 75 Resp: 38651

Ion Ratio Lower Upper

75 100

110 33.9 16.0 48.0

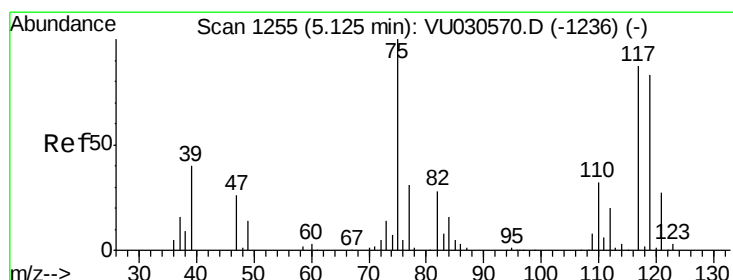
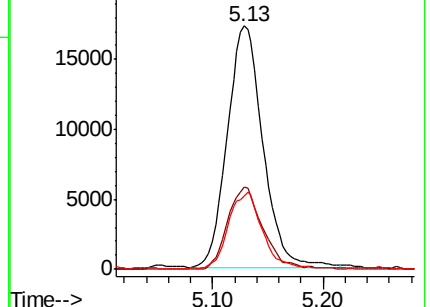
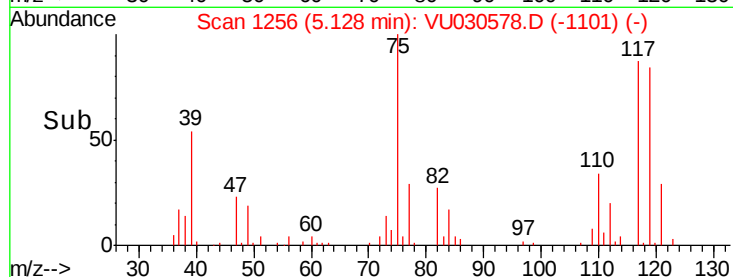
77 30.7 24.8 37.2



Abundance Ion 75.00 (74.70 to 75.70): VU030578.D (-1240) (-)

Ion 110.00 (109.70 to 110.70): VU030578.D (-1240) (-)

Ion 77.00 (76.70 to 77.70): VU030578.D (-1240) (-)



#30

Carbon Tetrachloride

Concen: 1.961 ug/l

RT: 5.13 min Scan# 1255

Delta R.T. -0.00 min

Lab File: VU030578.D

Acq: 30 Mar 2019 18:49

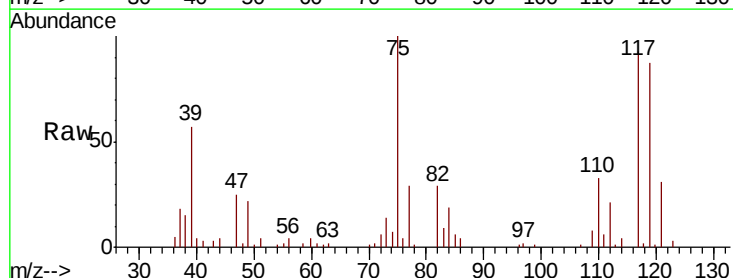
Tgt Ion: 117 Resp: 38185

Ion Ratio Lower Upper

117 100

119 93.8 76.4 114.6

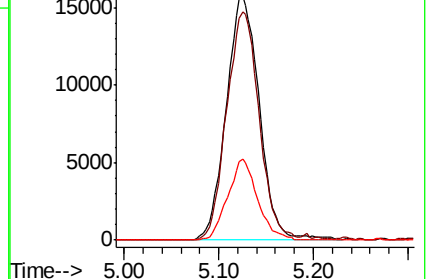
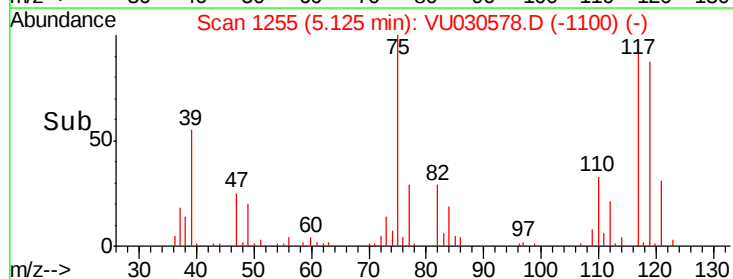
121 33.2 24.7 37.1

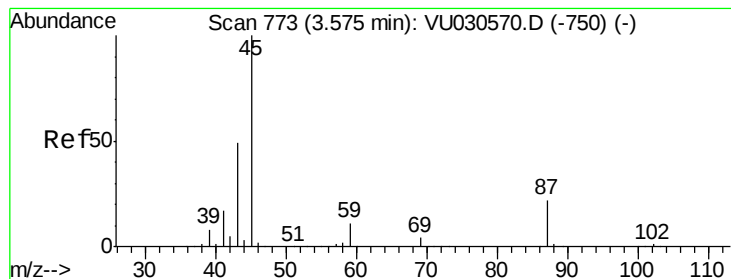


Abundance Ion 117.00 (116.70 to 117.70): VU030578.D (-1100) (-)

Ion 119.00 (118.70 to 119.70): VU030578.D (-1100) (-)

Ion 121.00 (120.70 to 121.70): VU030578.D (-1100) (-)





#31

Isopropyl Ether

Concen: 1.945 ug/l

RT: 3.58 min Scan# 773

Delta R.T. -0.00 min

Lab File: VU030578.D

Acq: 30 Mar 2019 18:49

Instrument :

MSVOA_U

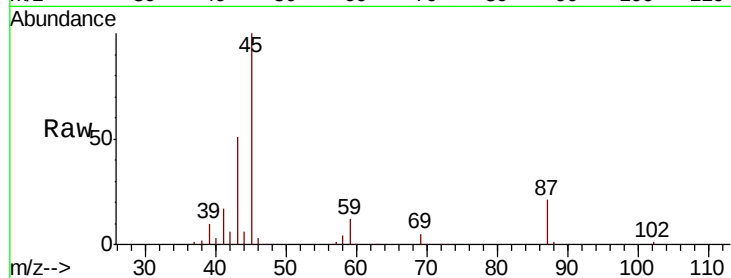
ClientSampleId :

Tot Ion: 45 Resp: 97984

Ion Ratio Lower Upper

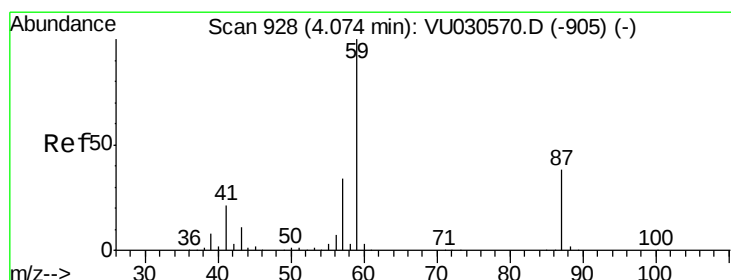
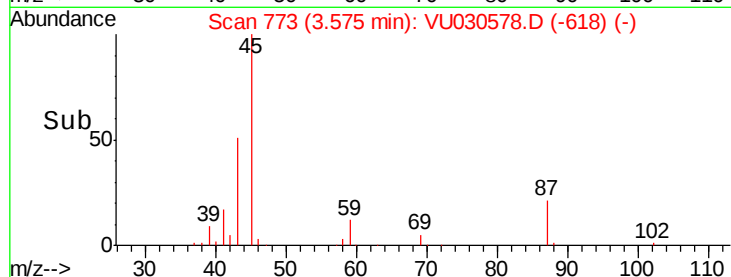
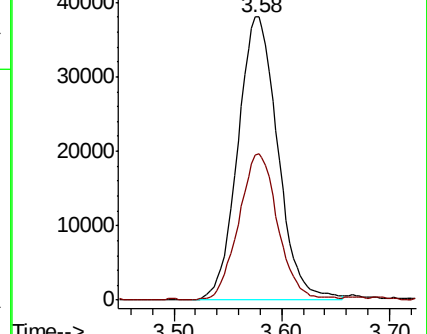
45 100

43 50.7 25.0 75.0



Abundance Ion 45.00 (44.70 to 45.70): VU030578.D (-750) (-)

Ion 43.00 (42.70 to 43.70): VU030578.D (-750) (-)



#32

Ethyl-t-butyl ether

Concen: 1.900 ug/l

RT: 4.07 min Scan# 928

Delta R.T. -0.00 min

Lab File: VU030578.D

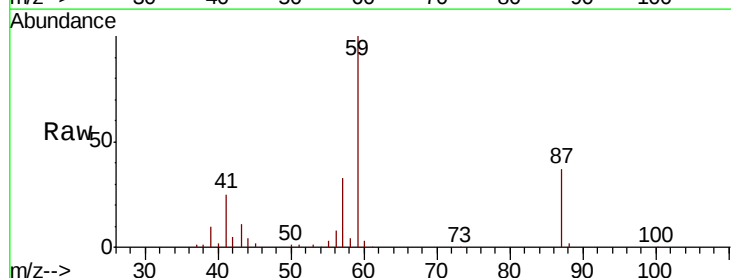
Acq: 30 Mar 2019 18:49

Tgt Ion: 59 Resp: 76257

Ion Ratio Lower Upper

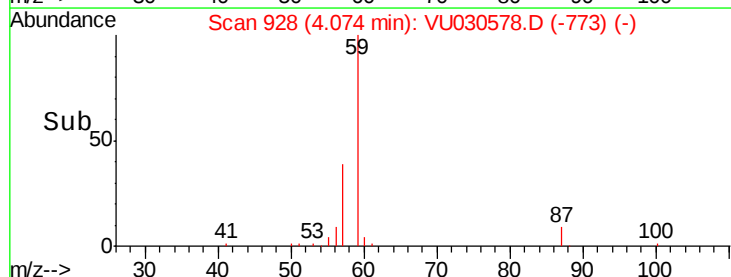
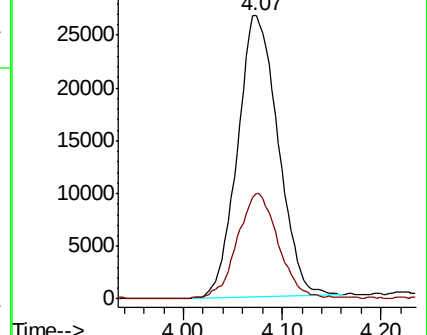
59 100

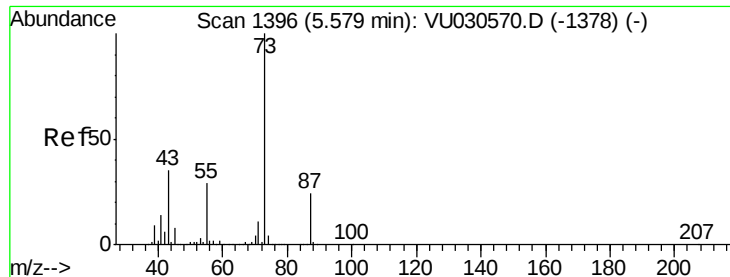
87 37.3 30.1 45.1



Abundance Ion 59.00 (58.70 to 59.70): VU030578.D (-773) (-)

Ion 87.00 (86.70 to 87.70): VU030578.D (-773) (-)

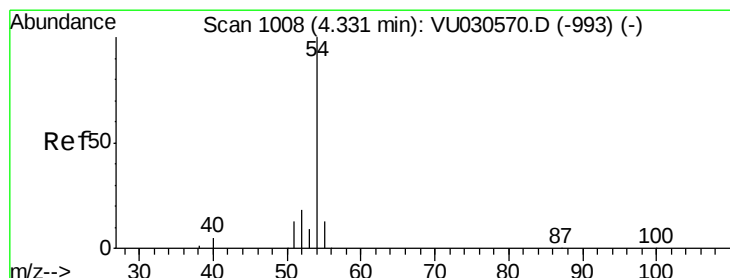
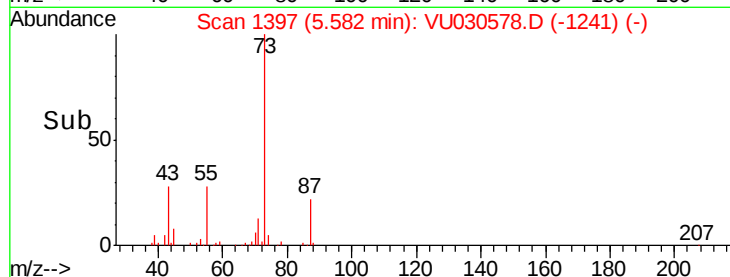
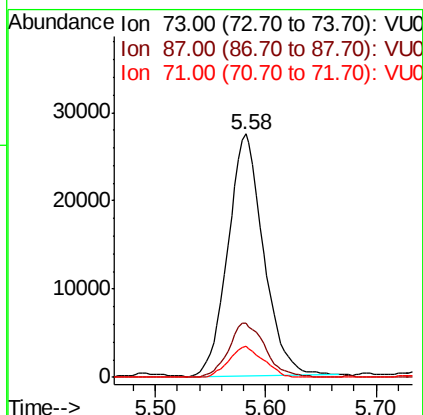
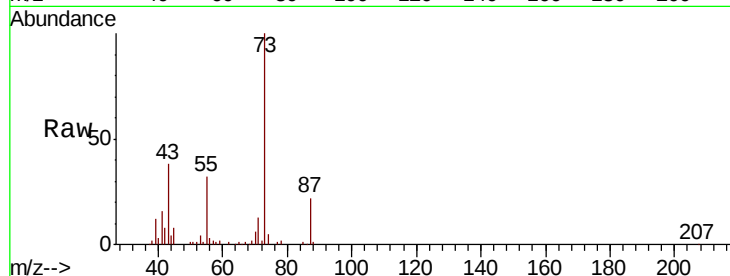




#33
Tert-Butyl methyl ether
Concen: 1.897 ug/l
RT: 5.58 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VU030578.D
Acq: 30 Mar 2019 18:49

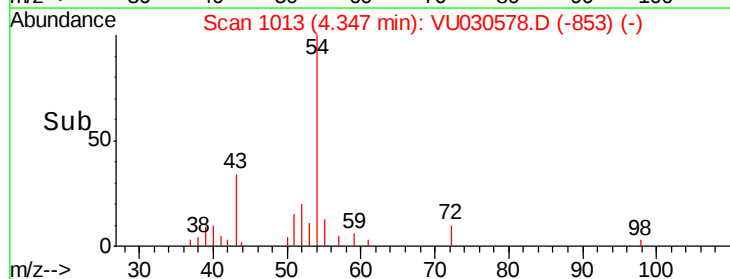
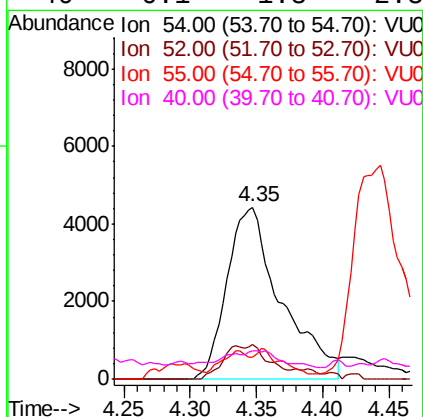
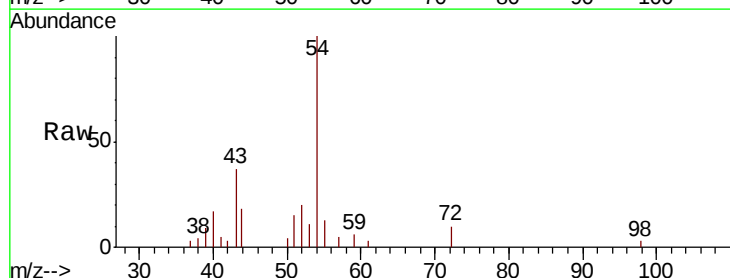
Instrument :
MSVOA_U
ClientSampleId :

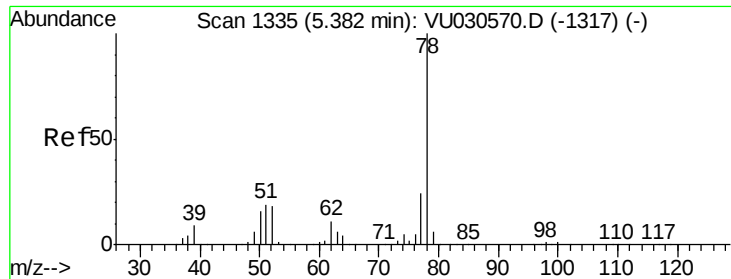
Tot Ion: 73 Resp: 60961
Ion Ratio Lower Upper
73 100
87 23.3 18.6 27.8
71 12.5 9.0 13.4



#34
Propionitrile
Concen: 10.172 ug/l
RT: 4.35 min Scan# 1013
Delta R.T. 0.02 min
Lab File: VU030578.D
Acq: 30 Mar 2019 18:49

Tgt Ion: 54 Resp: 12545
Ion Ratio Lower Upper
54 100
52 0.0 14.1 21.1#
55 6.1 10.4 15.6#
40 6.1 1.8 2.8#





#35

Benzene

Concen: 1.952 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU030578.D

Acq: 30 Mar 2019 18:49

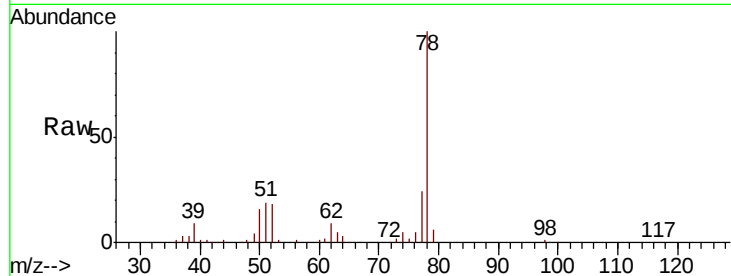
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 78 Resp: 120769

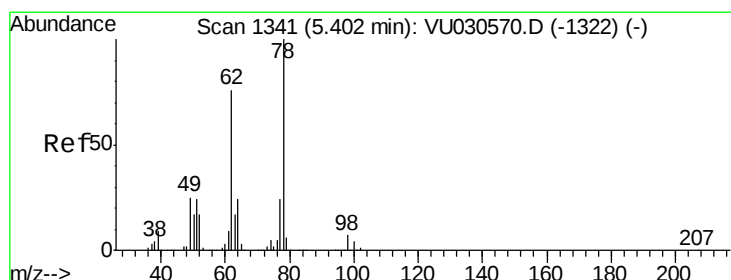
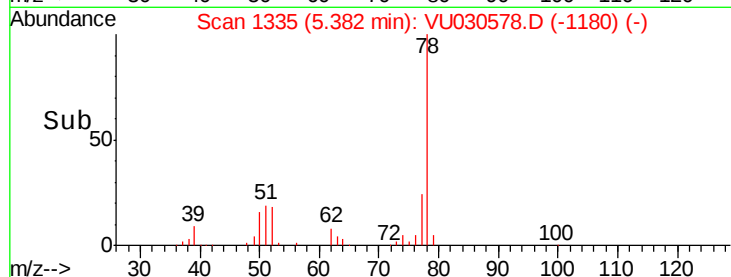
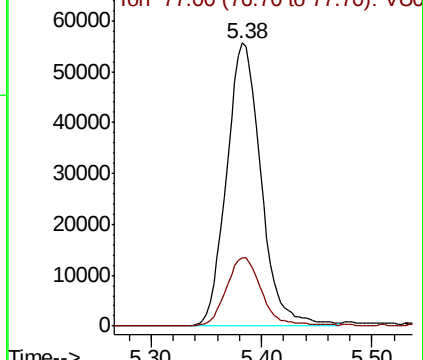
Ion Ratio Lower Upper

78 100

77 24.1 19.5 29.3



Abundance Ion 78.10 (77.80 to 78.80): VU030578.D (-1180) (-)



#36

1,2-Dichloroethane

Concen: 1.947 ug/l

RT: 5.40 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VU030578.D

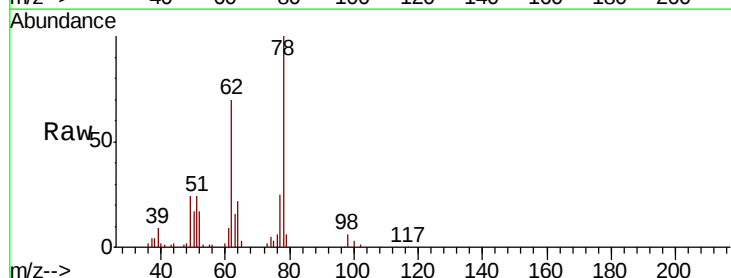
Acq: 30 Mar 2019 18:49

Tgt Ion: 62 Resp: 36802

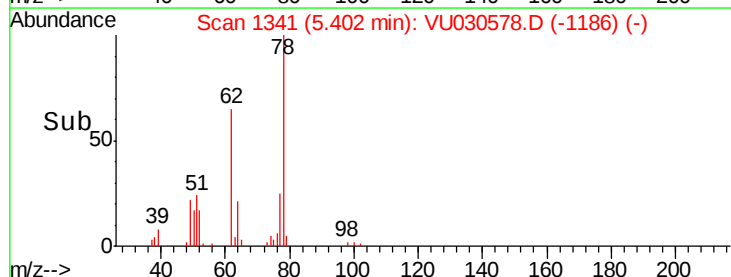
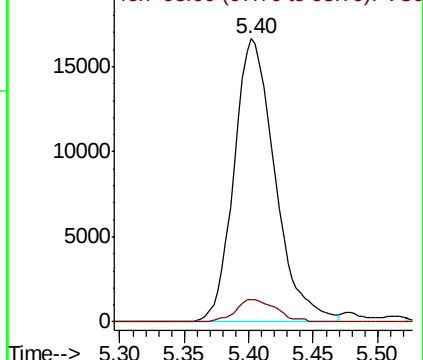
Ion Ratio Lower Upper

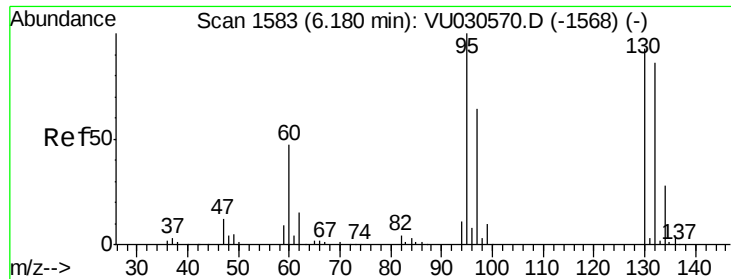
62 100

98 7.8 6.8 10.2



Abundance Ion 62.00 (61.70 to 62.70): VU030578.D (-1186) (-)

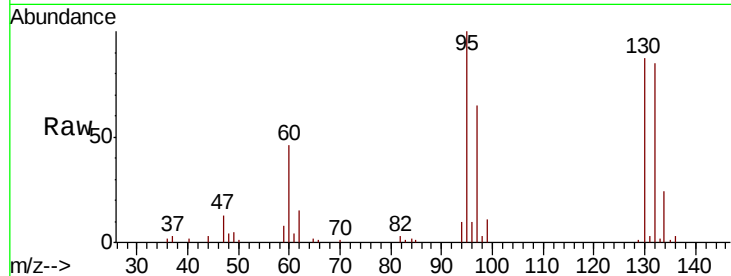




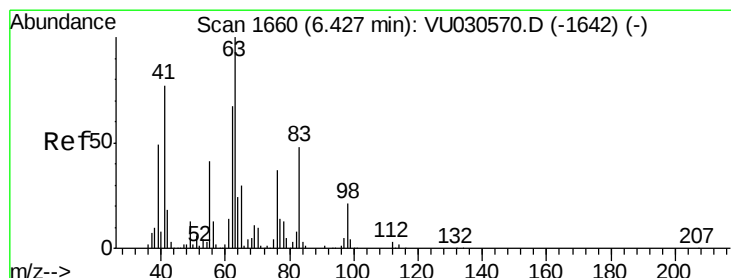
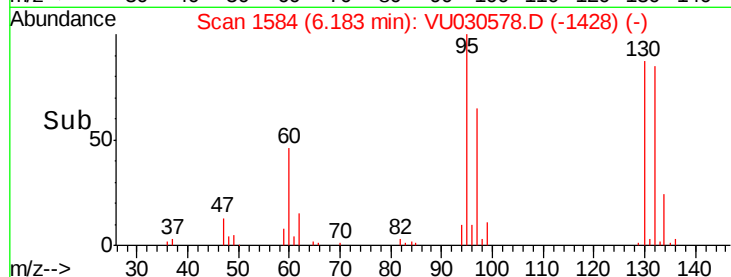
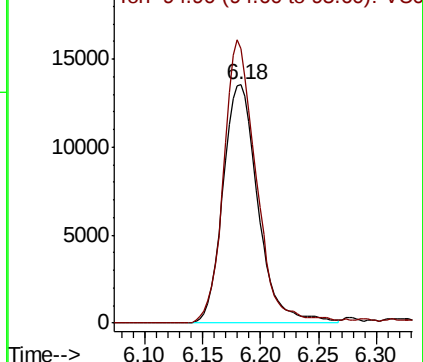
#37
 Trichloroethene
 Concen: 1.909 ug/l
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU030578.D
 Acq: 30 Mar 2019 18:49

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:130 Resp: 28335
 Ion Ratio Lower Upper
 130 100
 95 114.9 85.8 128.8

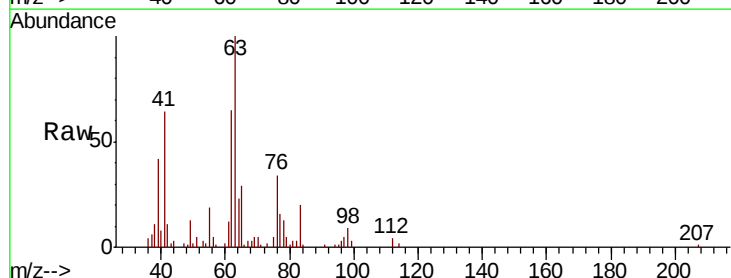


Abundance Ion 129.90 (129.60 to 130.60): VU030578.D (-1568) (-)
 Ion 94.90 (94.60 to 95.60): VU030578.D (-1568) (-)

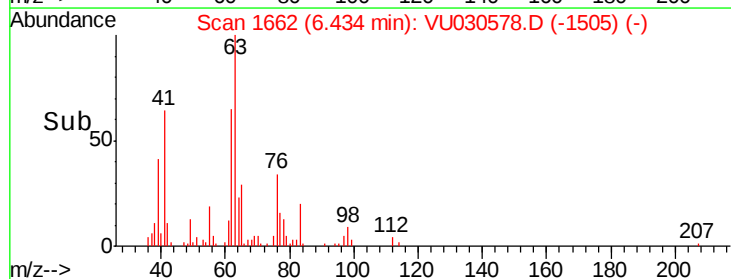
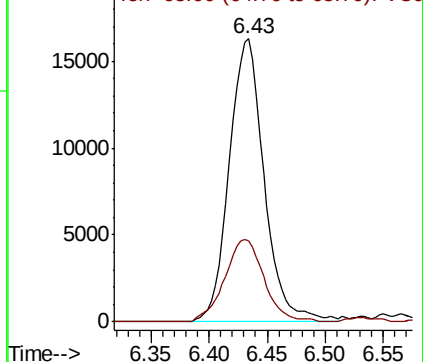


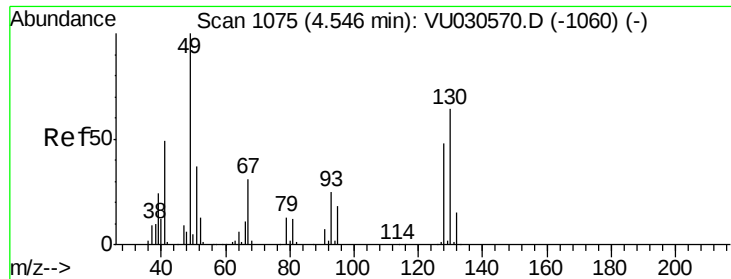
#38
 1,2-Dichloropropane
 Concen: 1.984 ug/l
 RT: 6.43 min Scan# 1662
 Delta R.T. 0.01 min
 Lab File: VU030578.D
 Acq: 30 Mar 2019 18:49

Tgt Ion: 63 Resp: 33998
 Ion Ratio Lower Upper
 63 100
 65 28.6 23.9 35.9



Abundance Ion 63.00 (62.70 to 63.70): VU030578.D (-1505) (-)
 Ion 65.00 (64.70 to 65.70): VU030578.D (-1505) (-)

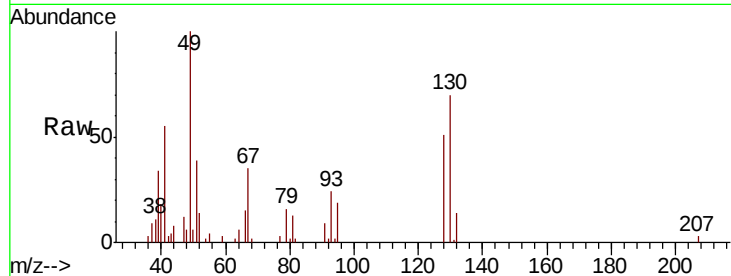




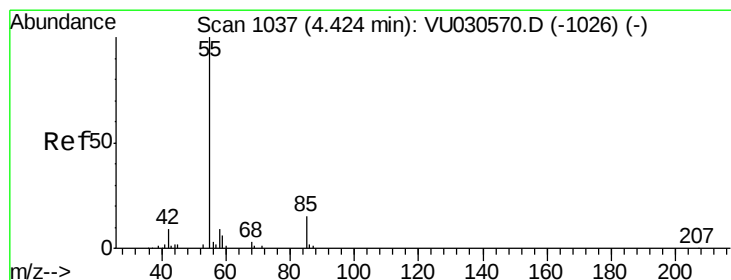
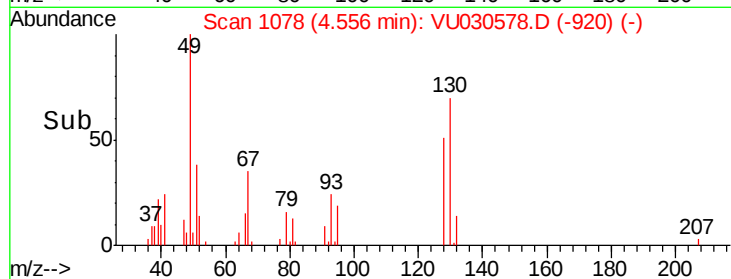
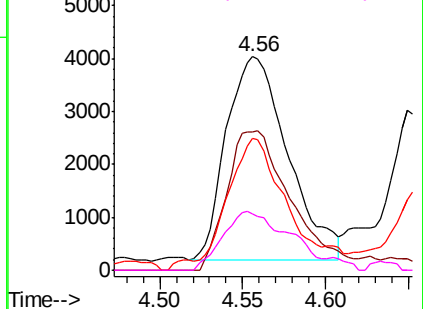
#39
Methacrylonitrile
Concen: 1.772 ug/l
RT: 4.56 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VU030578.D
Acq: 30 Mar 2019 18:49

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	41	Resp:	9857
Ion	Ratio	Lower	Upper
41	100		
67	71.8	50.2	75.4
39	54.3	40.7	61.1
52	31.4	23.0	34.4

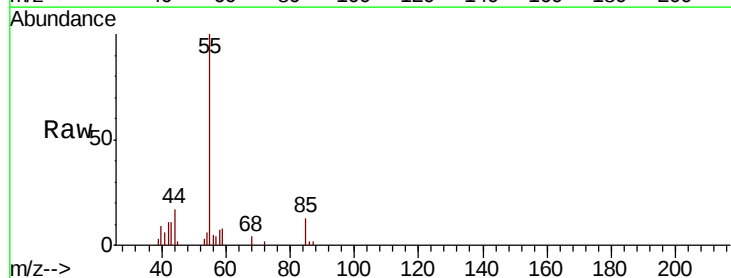


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

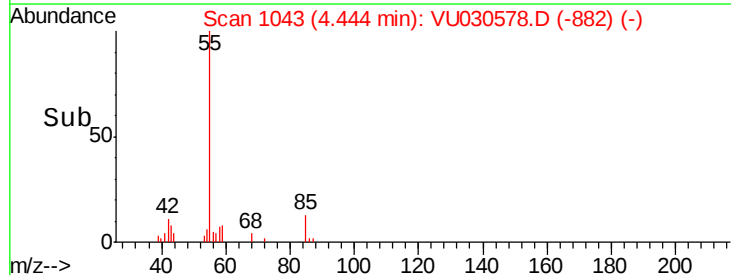
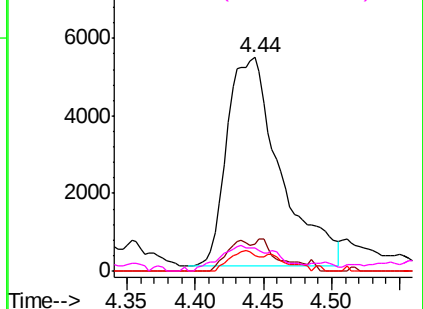


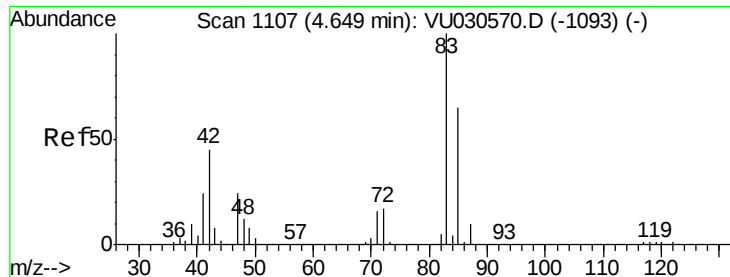
#40
Methyl acrylate
Concen: 1.907 ug/l
RT: 4.44 min Scan# 1043
Delta R.T. 0.02 min
Lab File: VU030578.D
Acq: 30 Mar 2019 18:49

Tgt Ion:	55	Resp:	14509
Ion	Ratio	Lower	Upper
55	100		
85	0.0	12.5	18.7#
58	5.0	6.3	9.5#
42	9.0	7.4	11.2



Abundance Ion 55.00 (54.70 to 55.70): VU0
Ion 85.00 (84.70 to 85.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 42.00 (41.70 to 42.70): VU0

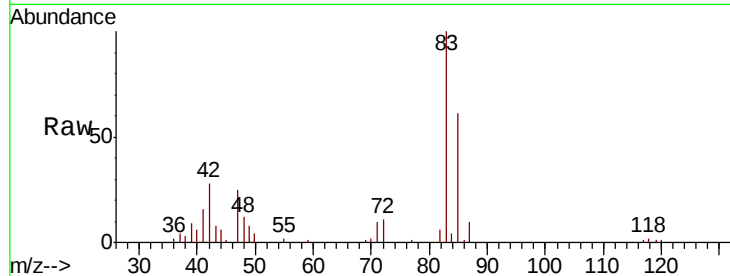




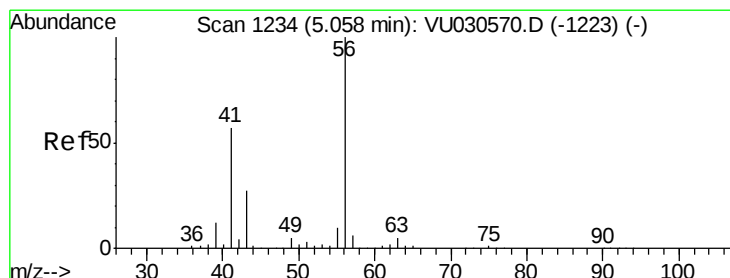
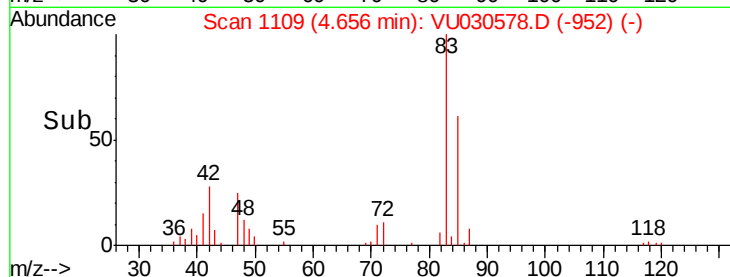
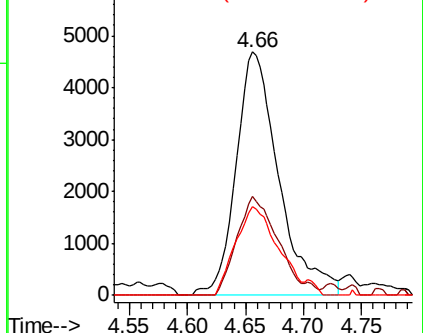
#41
Tetrahydrofuran
Concen: 3.810 ug/l
RT: 4.66 min Scan# 1109
Delta R.T. 0.01 min
Lab File: VU030578.D
Acq: 30 Mar 2019 18:49

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 42 Resp: 12025
Ion Ratio Lower Upper
42 100
72 39.4 33.4 50.0
71 35.9 28.8 43.2

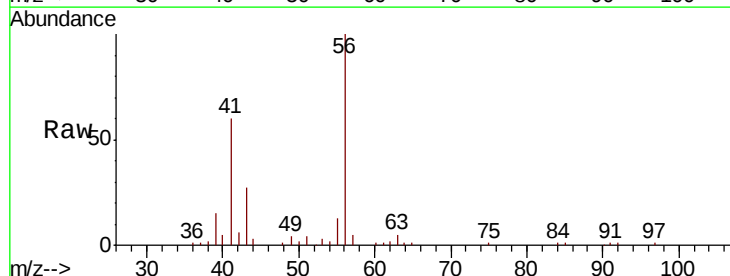


Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

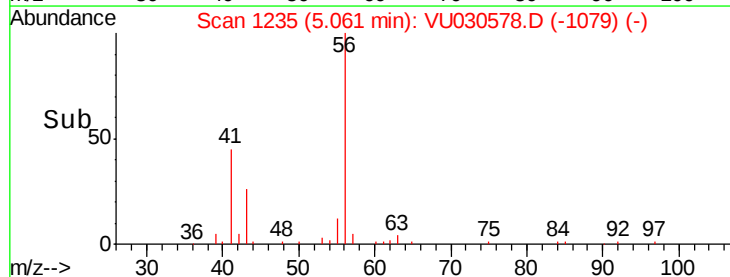
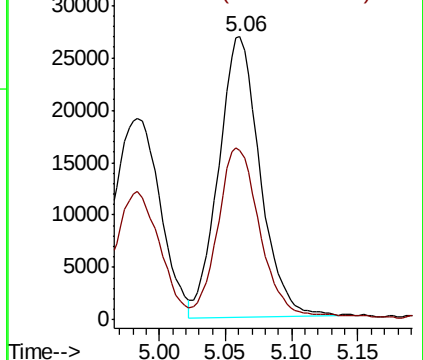


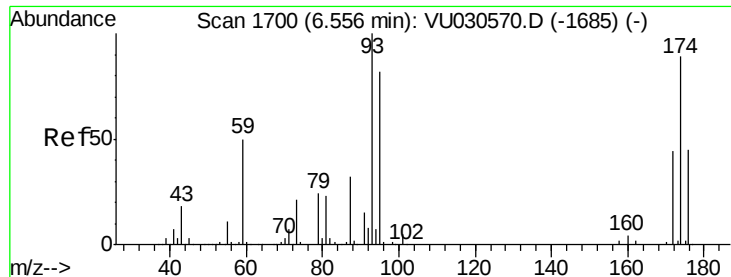
#42
1-Chlorobutane
Concen: 1.845 ug/l
RT: 5.06 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VU030578.D
Acq: 30 Mar 2019 18:49

Tgt Ion: 56 Resp: 57778
Ion Ratio Lower Upper
56 100
41 59.1 28.5 85.6



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

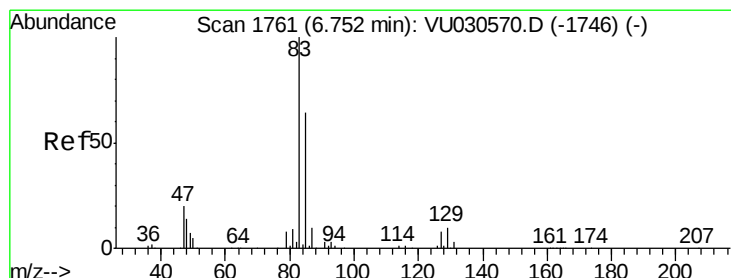
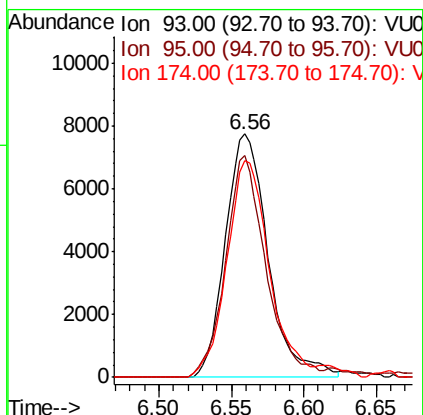
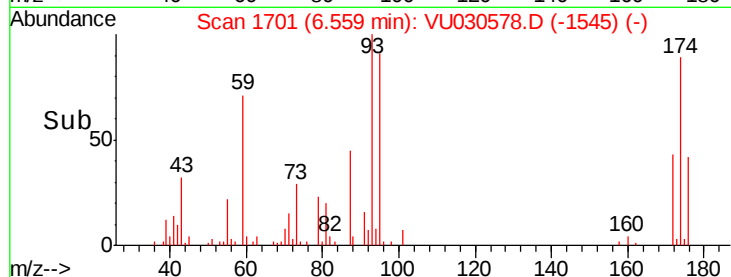
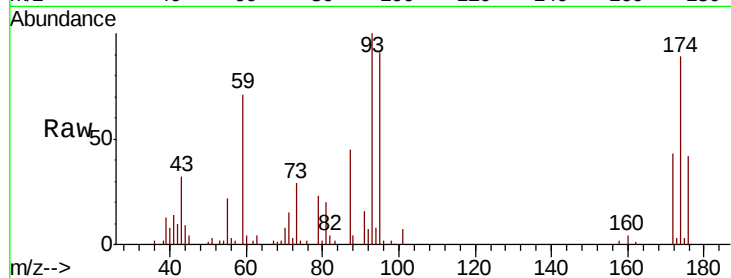




#43
Dibromomethane
Concen: 2.049 ug/l
RT: 6.56 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VU030578.D
Acq: 30 Mar 2019 18:49

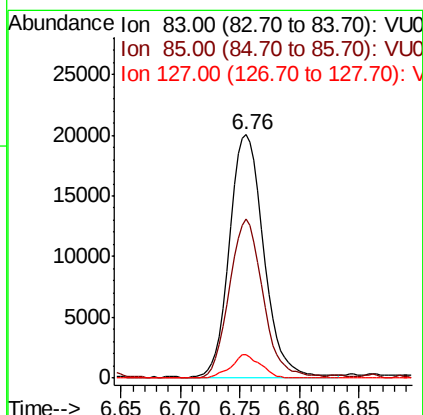
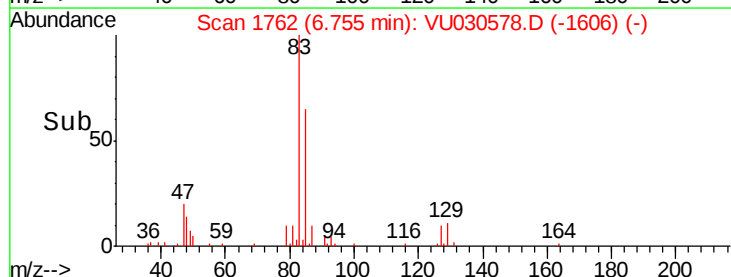
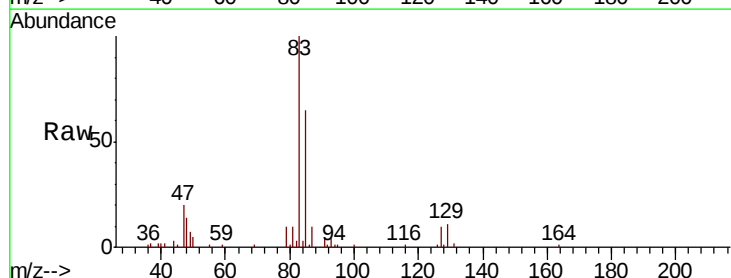
Instrument :
MSVOA_U
ClientSampled :

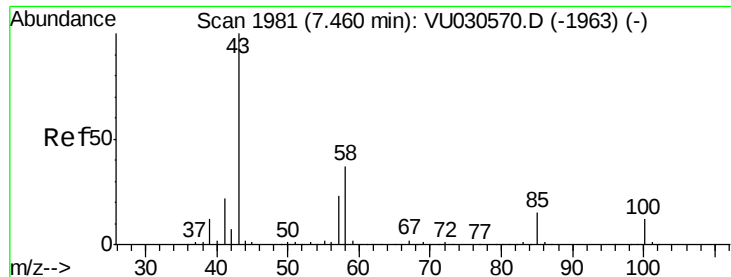
Tot Ion: 93 Resp: 15924
Ion Ratio Lower Upper
93 100
95 85.5 63.9 95.9
174 87.9 71.0 106.4



#44
Bromodichloromethane
Concen: 1.962 ug/l
RT: 6.76 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VU030578.D
Acq: 30 Mar 2019 18:49

Tgt Ion: 83 Resp: 40361
Ion Ratio Lower Upper
83 100
85 65.5 51.1 76.7
127 9.7 6.1 9.1#

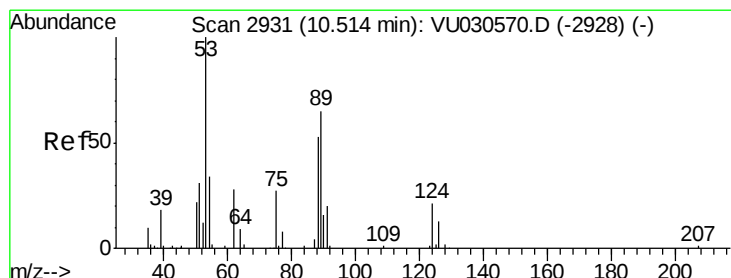
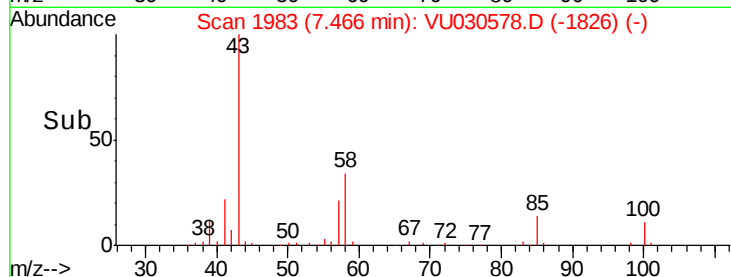
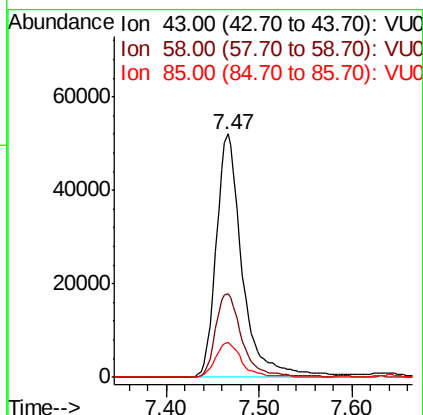
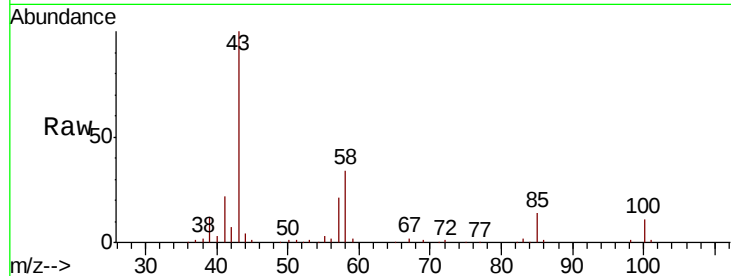




#45
4-Methyl-2-Pentanone
Concen: 9.530 ug/l
RT: 7.47 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VU030578.D
Acq: 30 Mar 2019 18:49

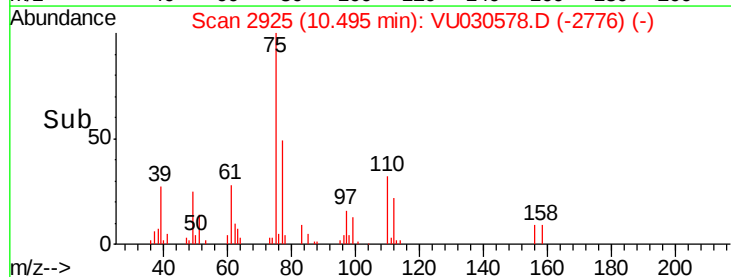
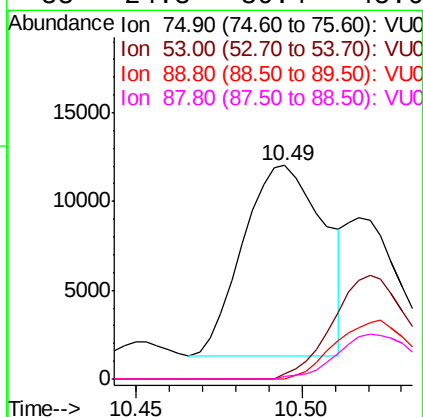
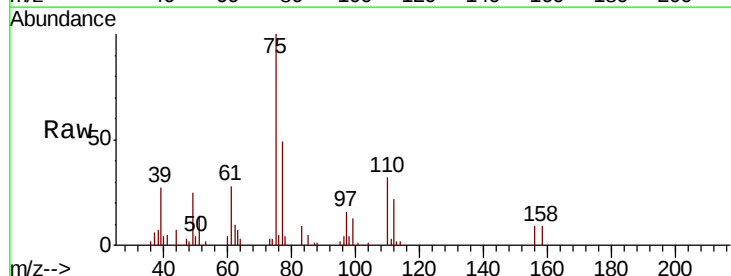
Instrument :
MSVOA_U
ClientSampleId :

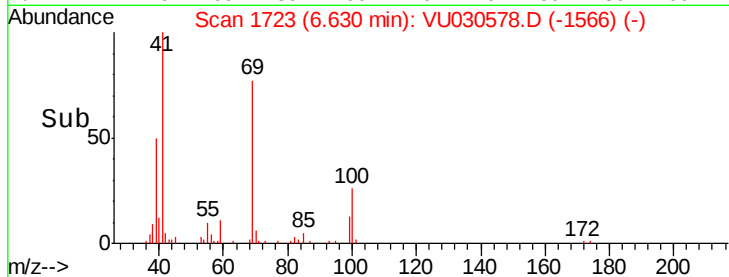
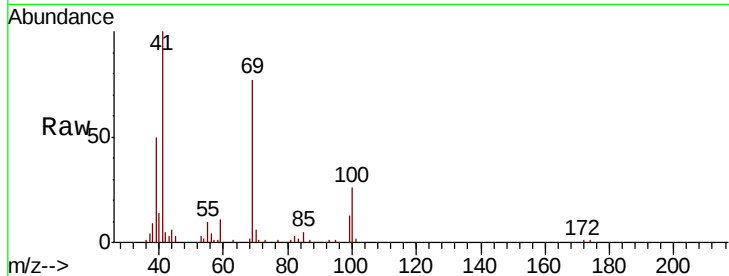
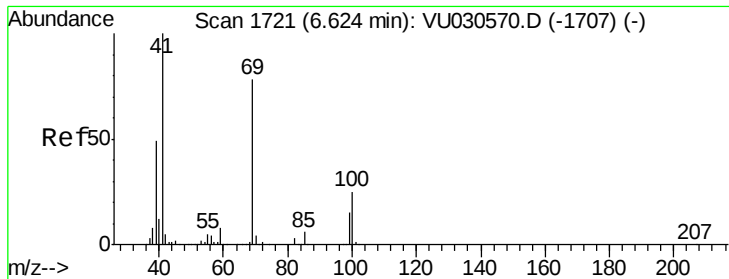
Tot Ion: 43 Resp: 101841
Ion Ratio Lower Upper
43 100
58 34.9 18.6 55.8
85 14.5 11.8 17.6



#46
t-1,4-Dichloro-2-butene
Concen: 5.307 ug/l
RT: 10.49 min Scan# 2925
Delta R.T. -0.02 min
Lab File: VU030578.D
Acq: 30 Mar 2019 18:49

Tgt Ion: 75 Resp: 18199
Ion Ratio Lower Upper
75 100
53 54.6 63.4 95.2#
89 31.7 39.1 58.7#
88 24.3 30.4 45.6#

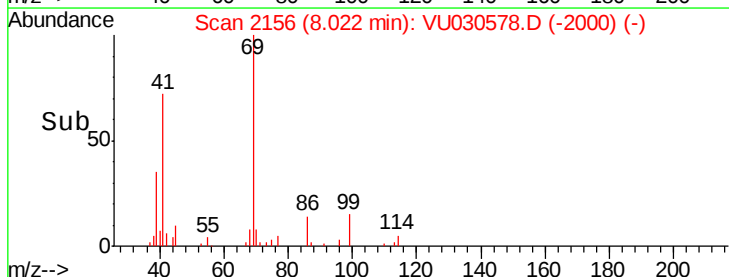
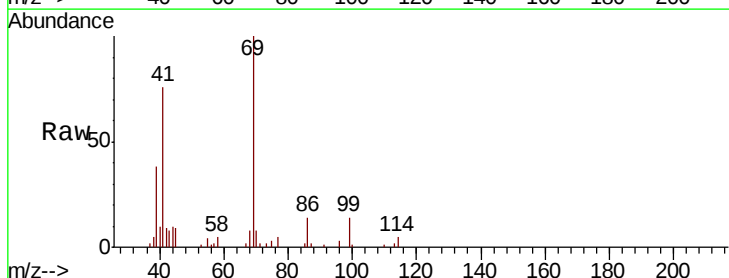
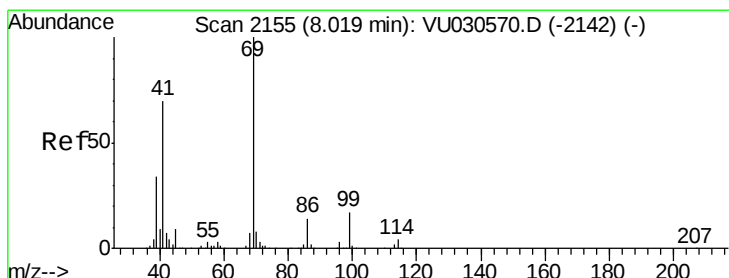
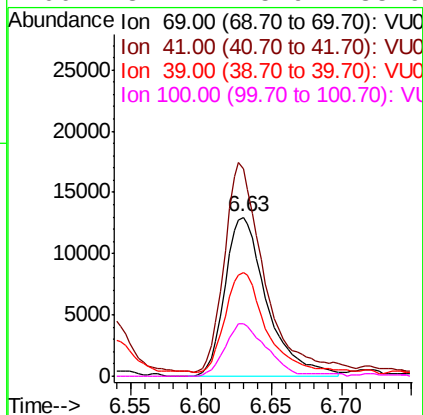




#47
Methyl methacrylate
Concen: 4.100 ug/l
RT: 6.63 min Scan# 1723
Delta R.T. 0.01 min
Lab File: VU030578.D
Acq: 30 Mar 2019 18:49

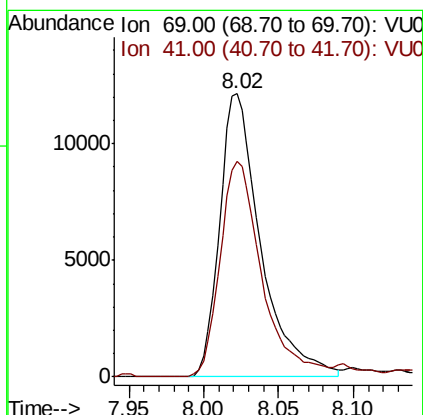
Instrument :
MSVOA_U
ClientSampleId :

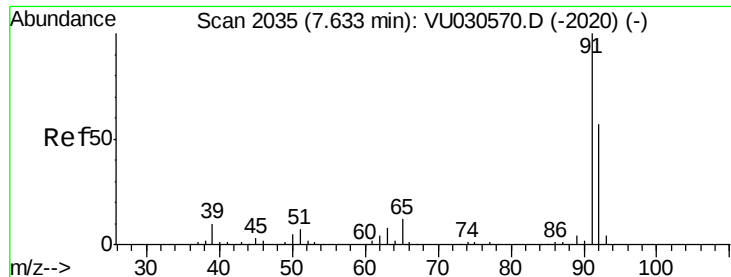
Tot Ion: 69 Resp: 27023
Ion Ratio Lower Upper
69 100
41 125.8 0.0 258.0
39 60.2 51.0 76.4
100 32.2 25.9 38.9



#48
Ethyl methacrylate
Concen: 1.801 ug/l
RT: 8.02 min Scan# 2156
Delta R.T. 0.00 min
Lab File: VU030578.D
Acq: 30 Mar 2019 18:49

Tgt Ion: 69 Resp: 23275
Ion Ratio Lower Upper
69 100
41 77.1 36.1 108.5





#49

Toluene

Concen: 1.851 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VU030578.D

Acq: 30 Mar 2019 18:49

Instrument :

MSVOA_U

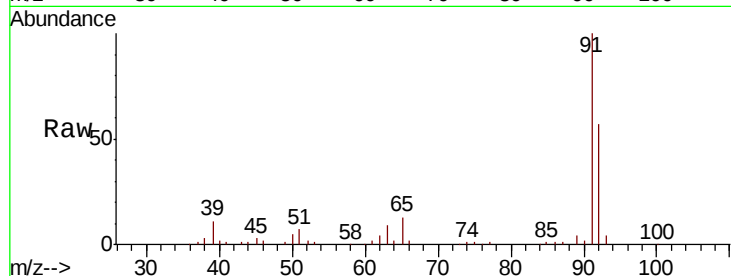
ClientSampleId :

Tot Ion: 92 Resp: 62747

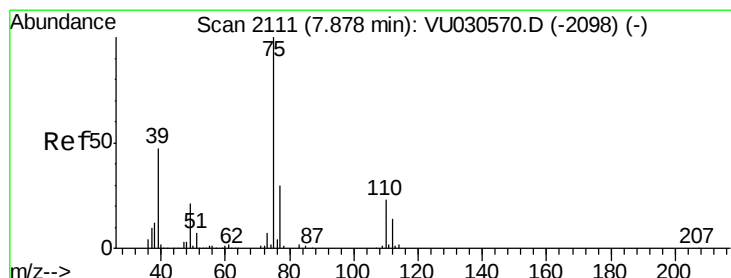
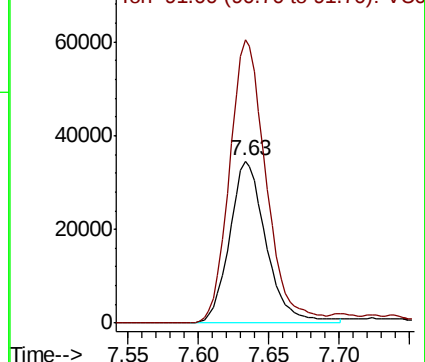
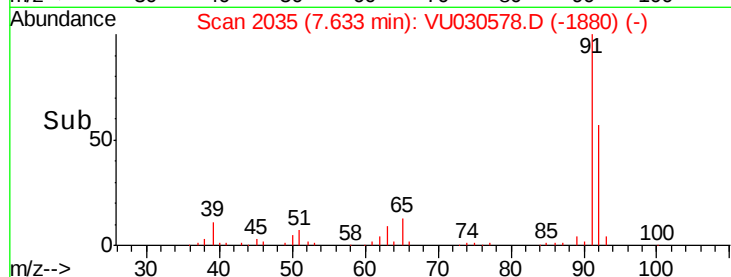
Ion Ratio Lower Upper

92 100

91 174.6 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VU030578.D (-1880) (-)



#50

t-1,3-Dichloropropene

Concen: 1.856 ug/l

RT: 7.88 min Scan# 2113

Delta R.T. 0.01 min

Lab File: VU030578.D

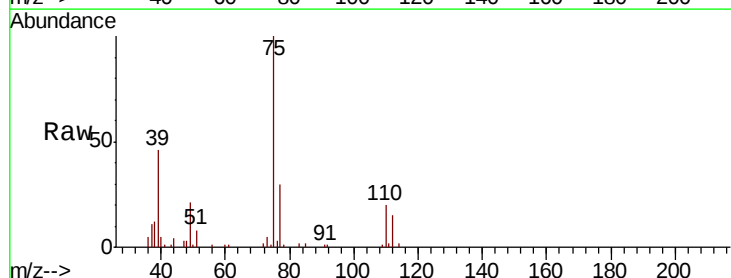
Acq: 30 Mar 2019 18:49

Tgt Ion: 75 Resp: 31980

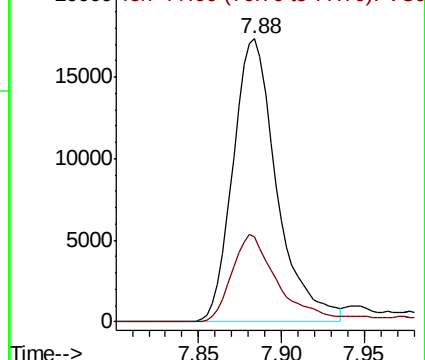
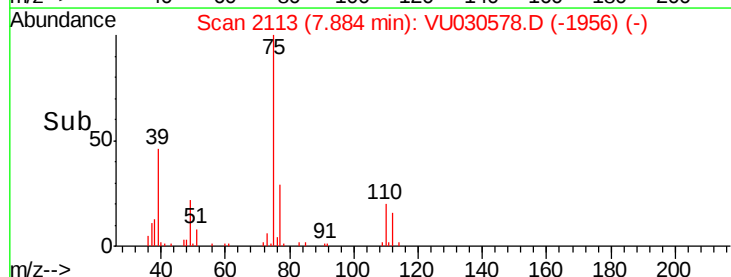
Ion Ratio Lower Upper

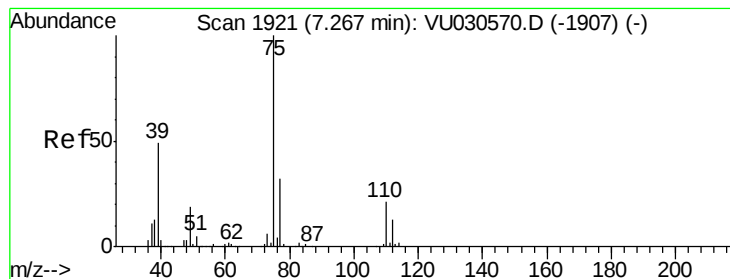
75 100

77 30.0 24.4 36.6



Abundance Ion 75.00 (74.70 to 75.70): VU030578.D (-1956) (-)



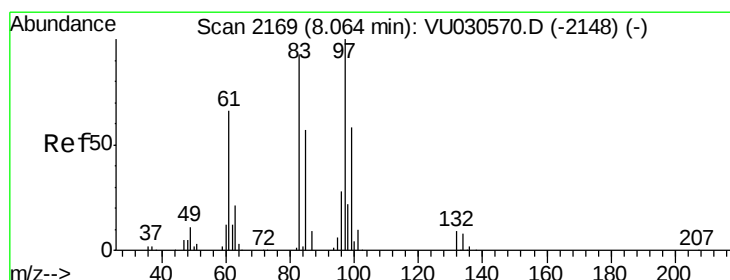
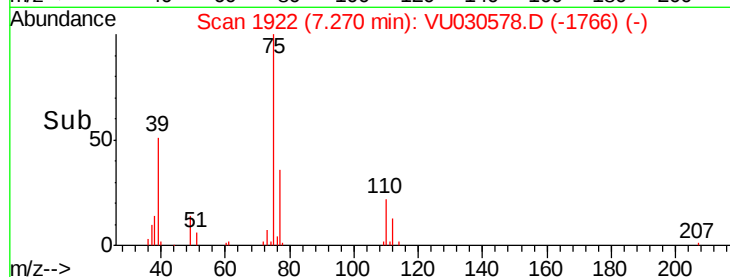
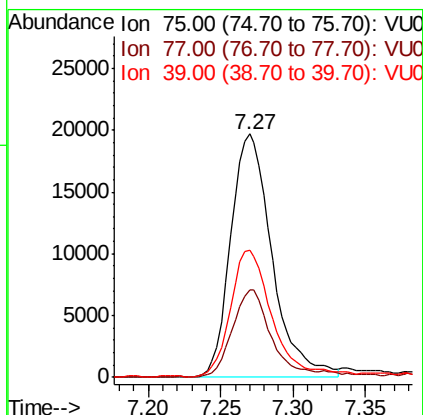
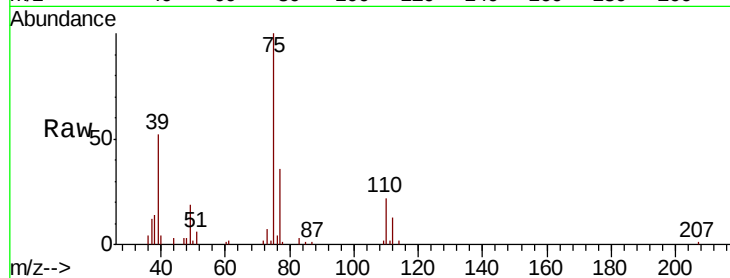


#51

cis-1,3-Dichloropropene
 Concen: 1.825 ug/l
 RT: 7.27 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VU030578.D
 Acq: 30 Mar 2019 18:49

Instrument :
 MSVOA_U
 ClientSampleId :

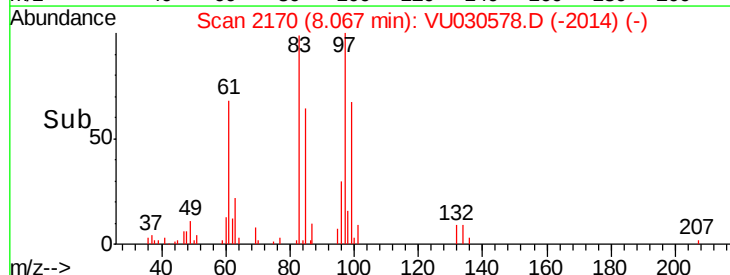
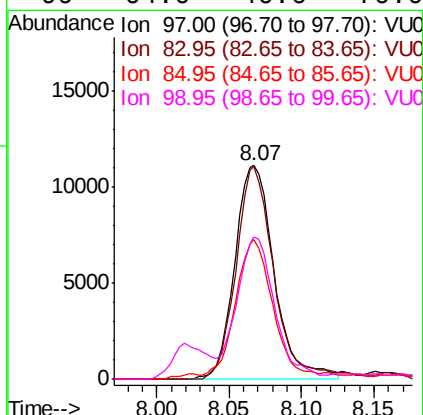
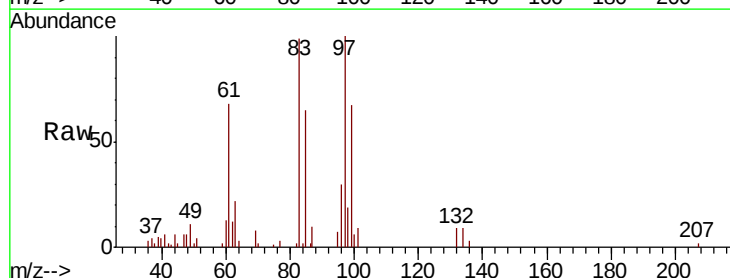
Tot Ion	Ratio	Lower	Upper
75	100		
77	35.9	25.8	38.6
39	52.2	39.3	58.9

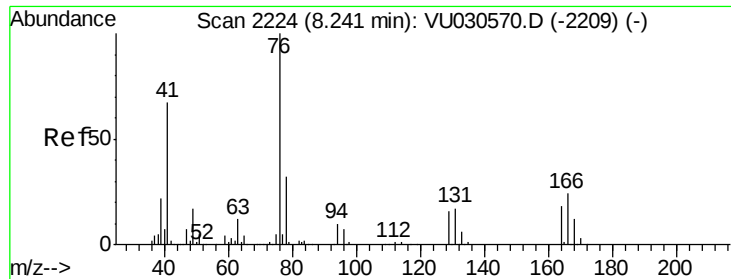


#52

1,1,2-Trichloroethane
 Concen: 1.980 ug/l
 RT: 8.07 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VU030578.D
 Acq: 30 Mar 2019 18:49

Tgt Ion	Ratio	Lower	Upper
97	100		
83	99.3	74.3	111.5
85	63.2	45.4	68.0
99	64.0	46.6	70.0

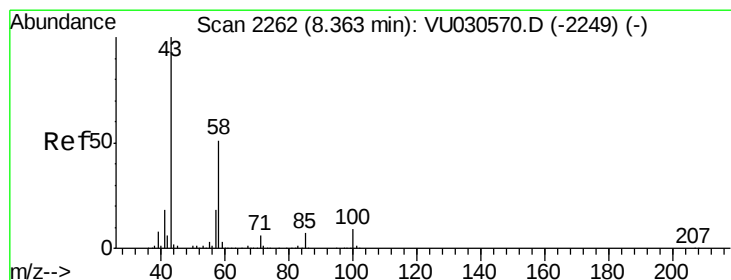
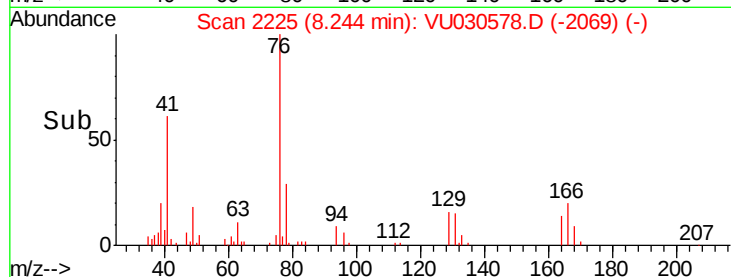
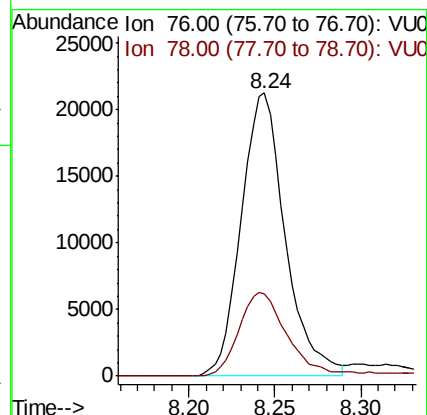
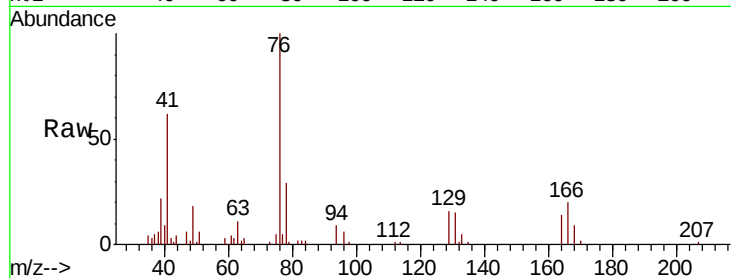




#53
 1,3-Dichloropropane
 Concen: 1.949 ug/l
 RT: 8.24 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: VU030578.D
 Acq: 30 Mar 2019 18:49

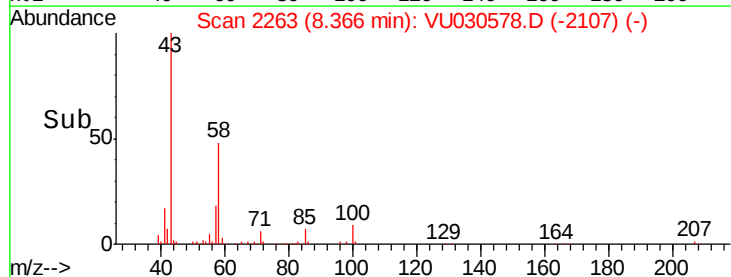
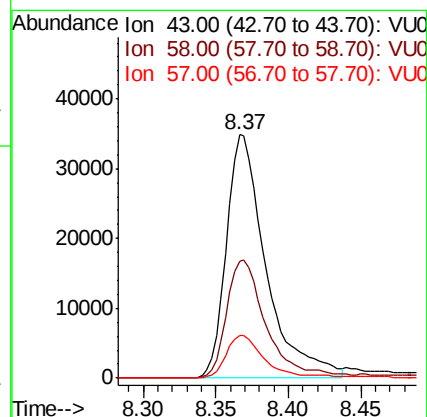
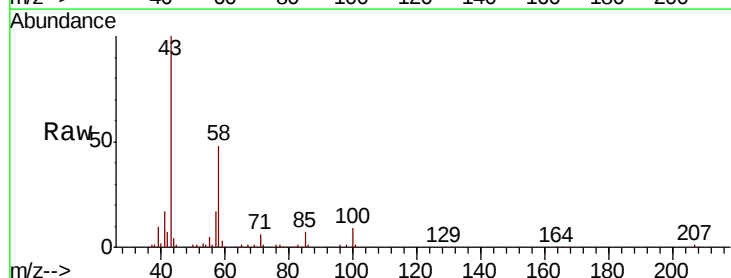
Instrument :
 MSVOA_U
 ClientSampleId :

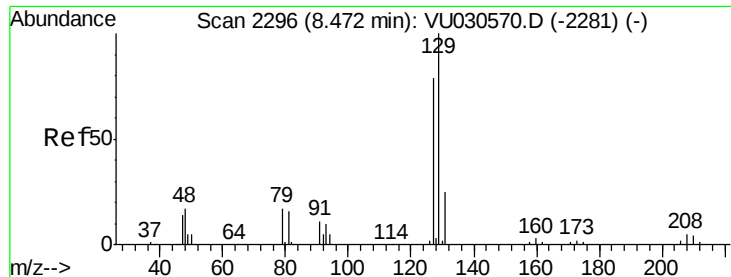
Tot Ion: 76 Resp: 37756
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.3 37.9



#54
 2-Hexanone
 Concen: 9.192 ug/l
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.00 min
 Lab File: VU030578.D
 Acq: 30 Mar 2019 18:49

Tgt Ion: 43 Resp: 66341
 Ion Ratio Lower Upper
 43 100
 58 48.7 32.5 72.5
 57 17.1 0.0 37.6





#55

Dibromochloromethane

Concen: 2.035 ug/l

RT: 8.47 min Scan# 2296

Delta R.T. -0.00 min

Lab File: VU030578.D

Acq: 30 Mar 2019 18:49

Instrument :

MSVOA_U

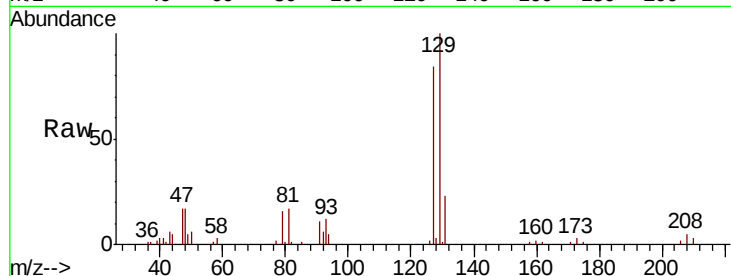
ClientSampleId :

Tot Ion:129 Resp: 24982

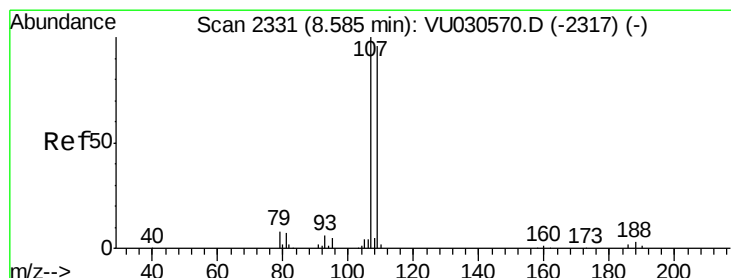
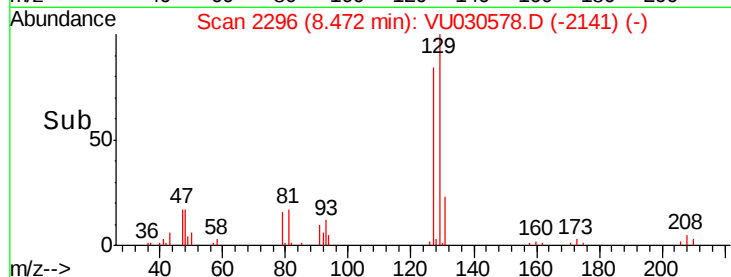
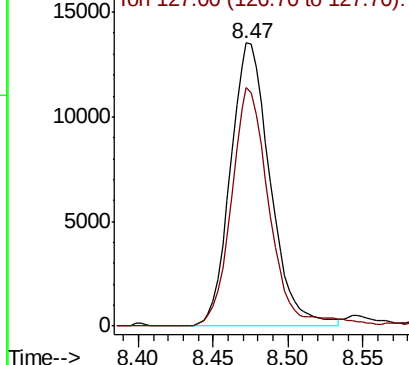
Ion Ratio Lower Upper

129 100

127 80.8 62.2 93.4



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 2.051 ug/l

RT: 8.59 min Scan# 2332

Delta R.T. 0.00 min

Lab File: VU030578.D

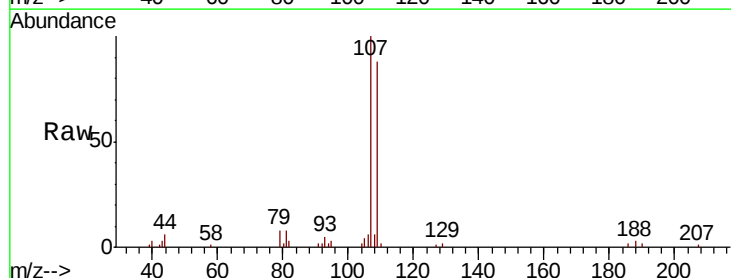
Acq: 30 Mar 2019 18:49

Tgt Ion:107 Resp: 20149

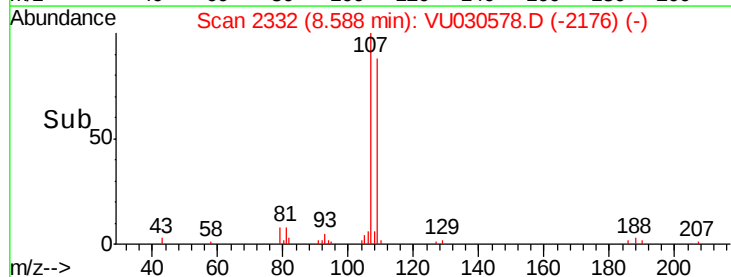
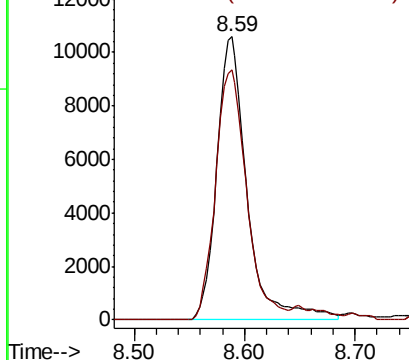
Ion Ratio Lower Upper

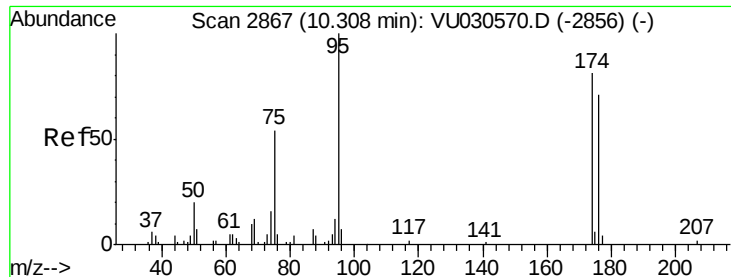
107 100

109 90.5 0.0 190.0



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V





#57

4-Bromofluorobenzene

Concen: 2.051 ug/l

RT: 10.31 min Scan# 2867

Delta R.T. -0.00 min

Lab File: VU030578.D

Acq: 30 Mar 2019 18:49

Instrument :

MSVOA_U

ClientSampled :

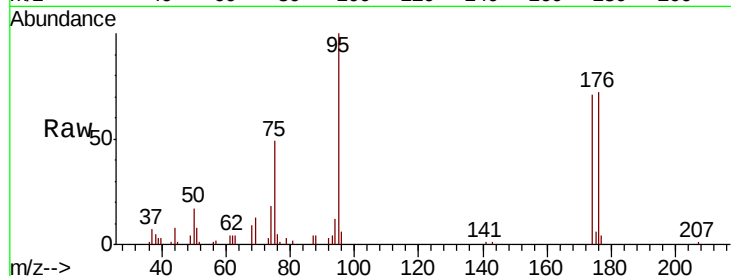
Tot Ion: 95 Resp: 19623

Ion Ratio Lower Upper

95 100

174 72.9 60.5 90.7

176 66.7 57.9 86.9

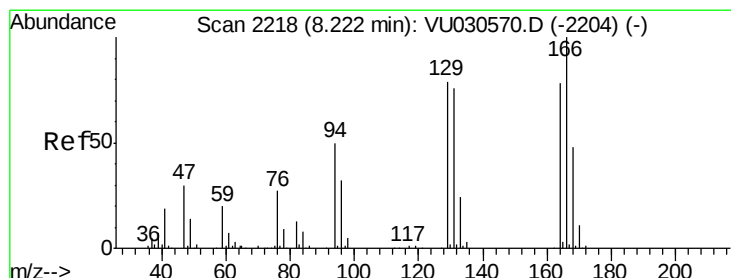
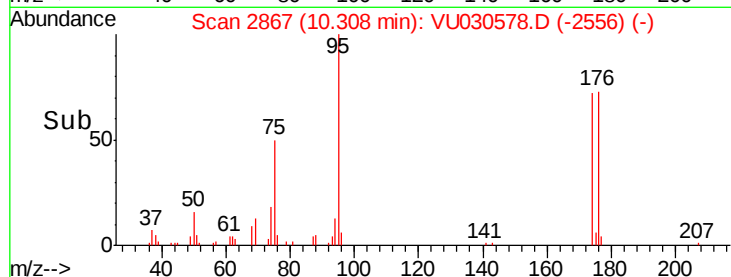
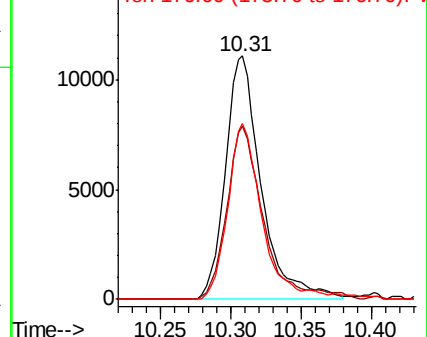


Abundance

Ion 95.00 (94.70 to 95.70): VU030578.D (-2556) (-)

Ion 174.00 (173.70 to 174.70): VU030578.D (-2556) (-)

Ion 176.00 (175.70 to 176.70): VU030578.D (-2556) (-)



#58

Tetrachloroethene

Concen: 1.954 ug/l

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030578.D

Acq: 30 Mar 2019 18:49

Tgt Ion: 164 Resp: 25939

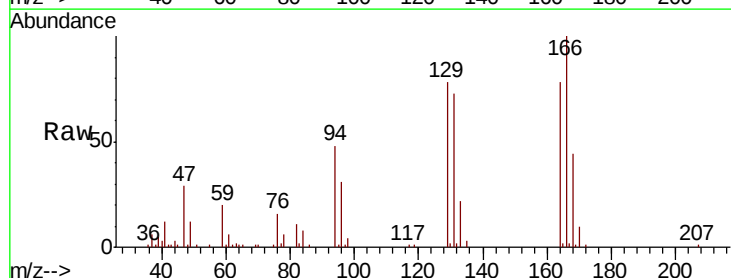
Ion Ratio Lower Upper

164 100

166 128.3 102.4 153.6

129 99.6 81.4 122.0

131 94.3 77.7 116.5



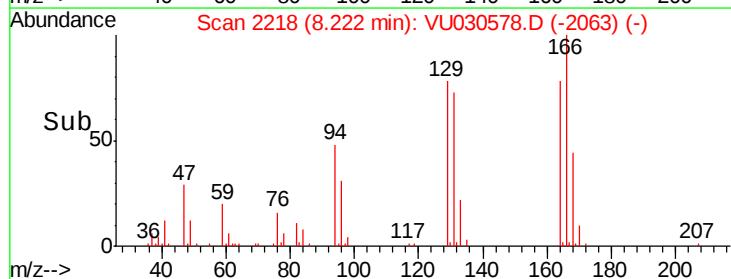
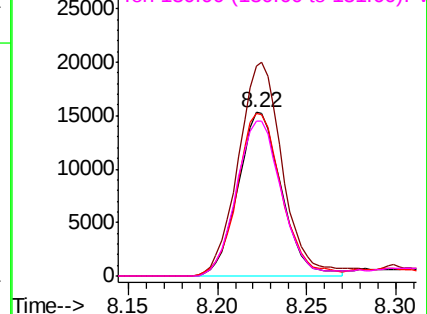
Abundance

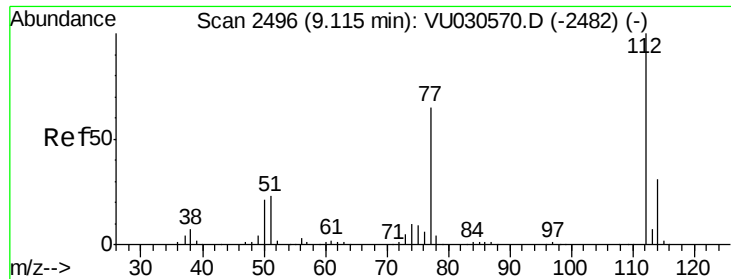
Ion 163.85 (163.55 to 164.55): VU030578.D (-2063) (-)

Ion 165.80 (165.50 to 166.50): VU030578.D (-2063) (-)

Ion 128.90 (128.60 to 129.60): VU030578.D (-2063) (-)

Ion 130.90 (130.60 to 131.60): VU030578.D (-2063) (-)





#59

Chlorobenzene

Concen: 1.953 ug/l

RT: 9.12 min Scan# 2497

Delta R.T. 0.00 min

Lab File: VU030578.D

Acq: 30 Mar 2019 18:49

Instrument :

MSVOA_U

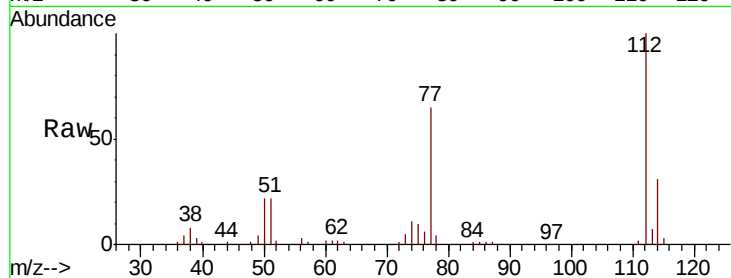
ClientSampled :

Tot Ion:112 Resp: 71570

Ion Ratio Lower Upper

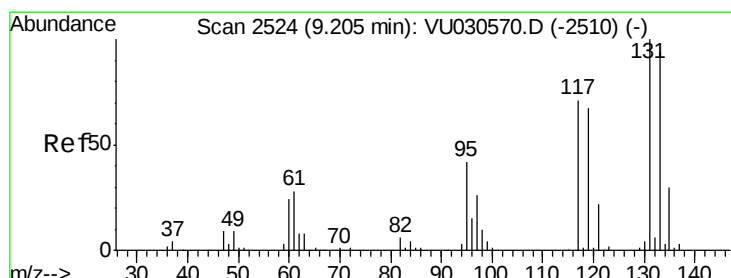
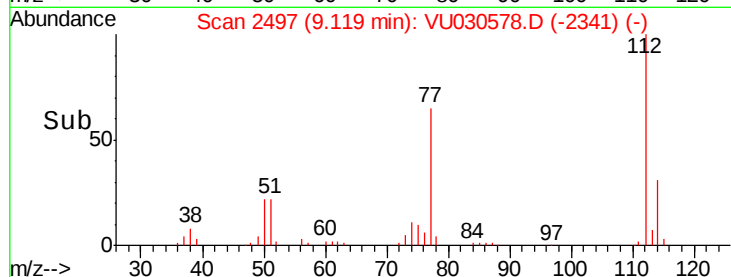
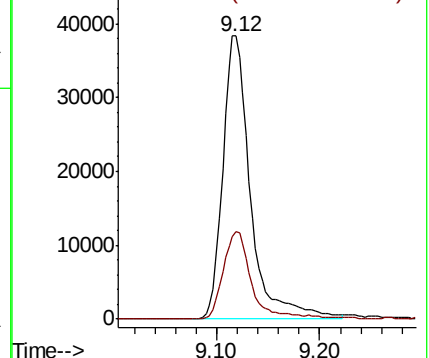
112 100

114 31.1 24.9 37.3



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: 1.939 ug/l

RT: 9.21 min Scan# 2524

Delta R.T. -0.00 min

Lab File: VU030578.D

Acq: 30 Mar 2019 18:49

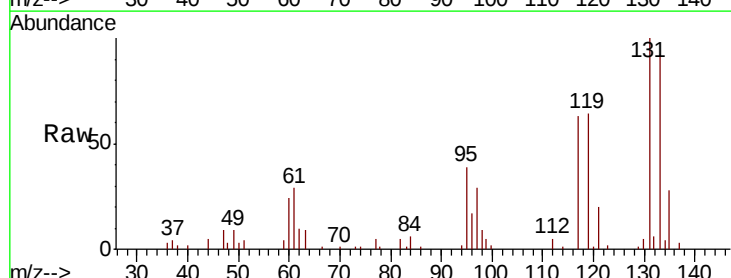
Tgt Ion:131 Resp: 26320

Ion Ratio Lower Upper

131 100

133 92.6 77.5 116.3

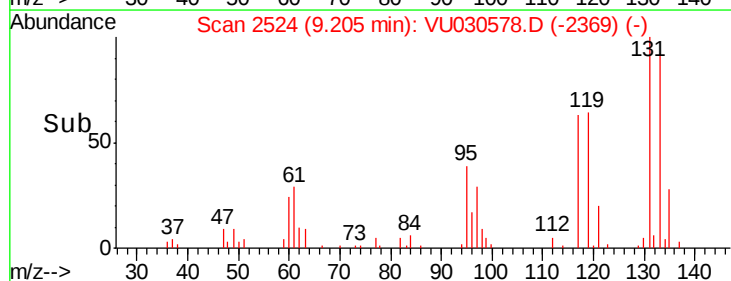
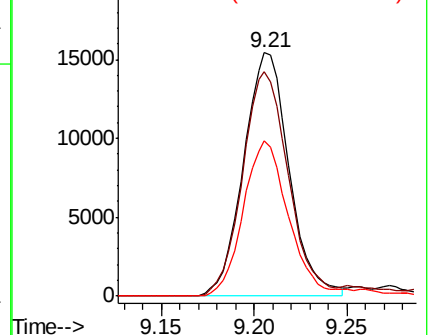
119 63.7 53.2 79.8

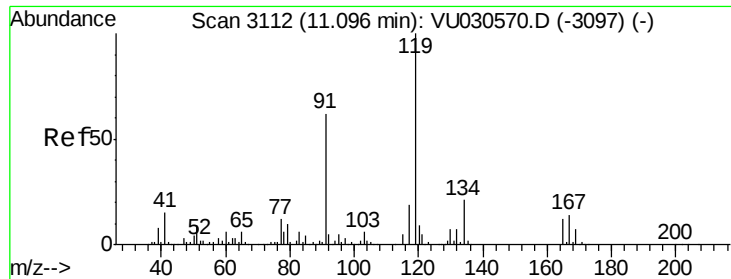


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#61

Pentachloroethane

Concen: 1.944 ug/l

RT: 11.10 min Scan# 3113

Delta R.T. 0.00 min

Lab File: VU030578.D

Acq: 30 Mar 2019 18:49

Instrument :

MSVOA_U

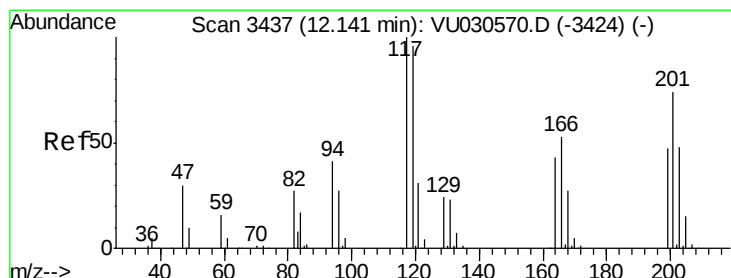
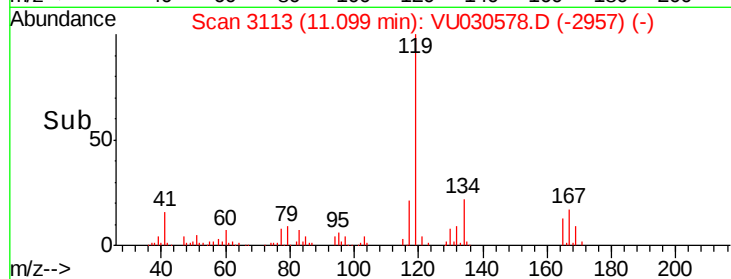
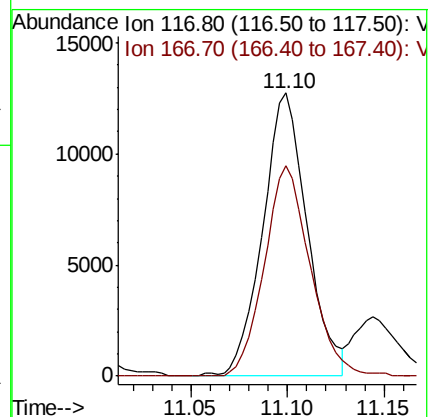
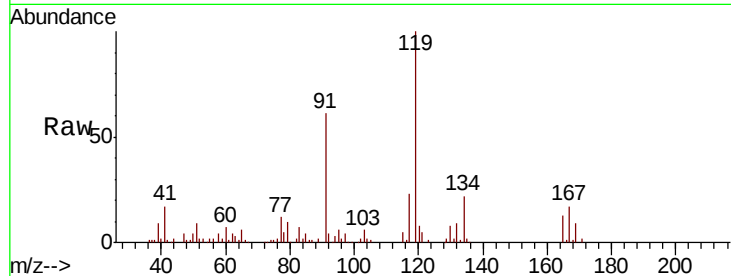
ClientSampleId :

Tot Ion:117 Resp: 20360

Ion Ratio Lower Upper

117 100

167 76.6 62.6 93.8



#62

Hexachloroethane

Concen: 1.844 ug/l

RT: 12.14 min Scan# 3437

Delta R.T. -0.00 min

Lab File: VU030578.D

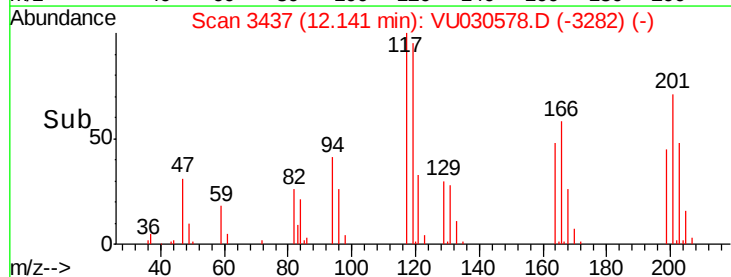
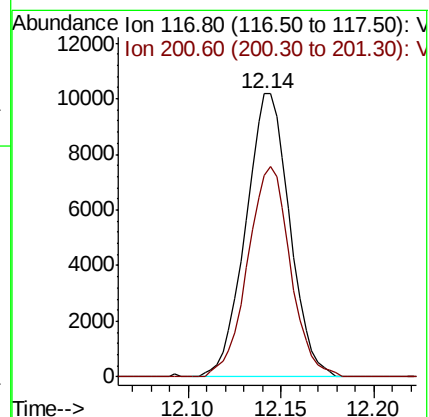
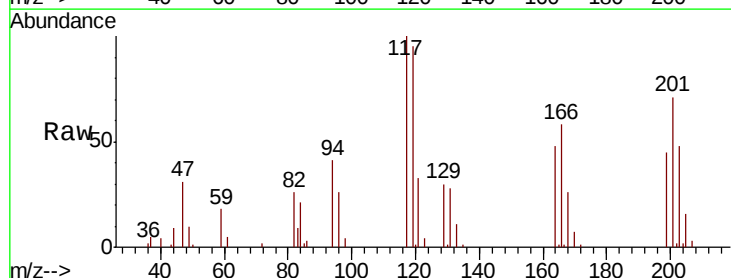
Acq: 30 Mar 2019 18:49

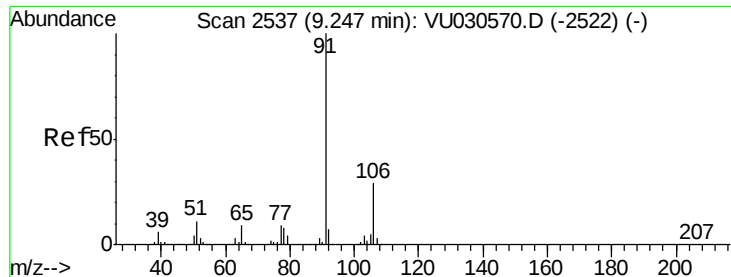
Tgt Ion:117 Resp: 16809

Ion Ratio Lower Upper

117 100

201 72.3 59.1 88.7

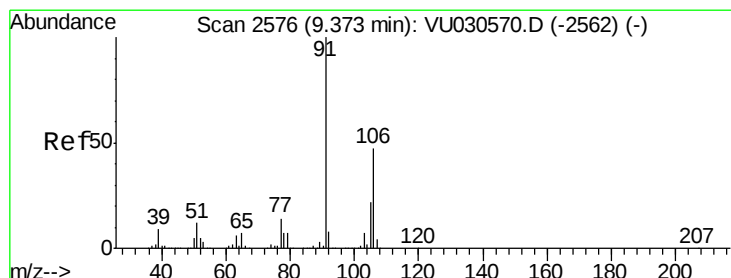
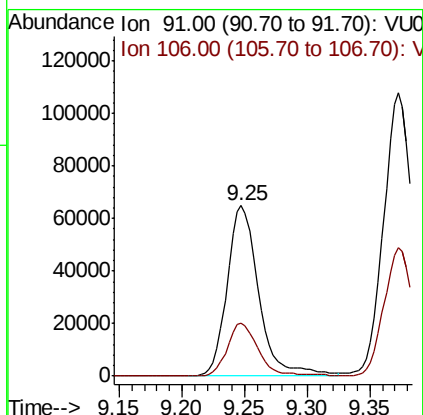
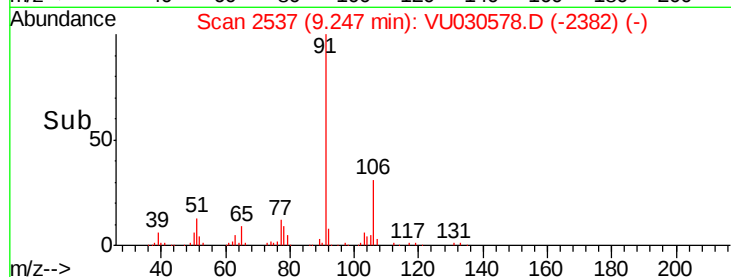
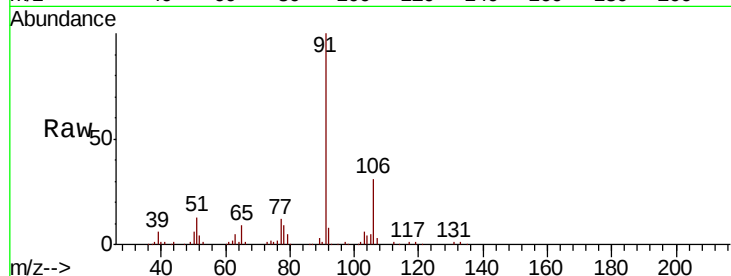




#63
Ethyl Benzene
Concen: 1.754 ug/l
RT: 9.25 min Scan# 2537
Delta R.T. -0.00 min
Lab File: VU030578.D
Acq: 30 Mar 2019 18:49

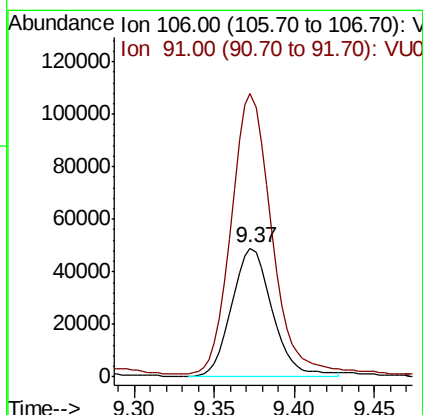
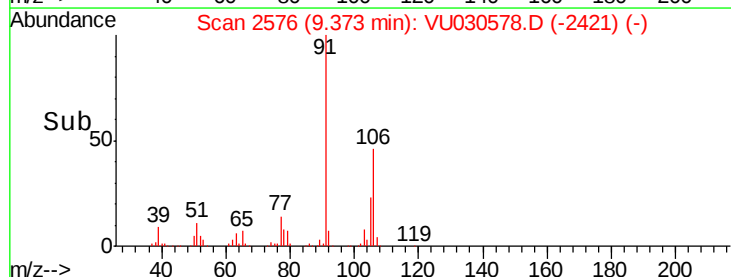
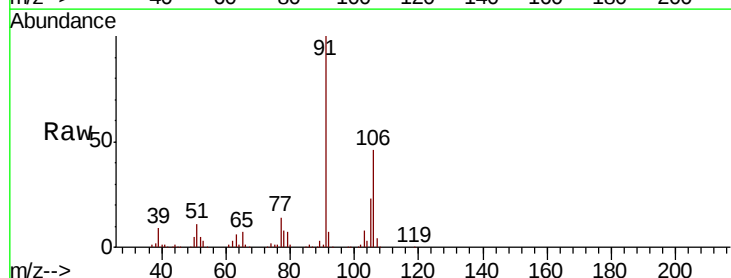
Instrument :
MSVOA_U
ClientSampleId :

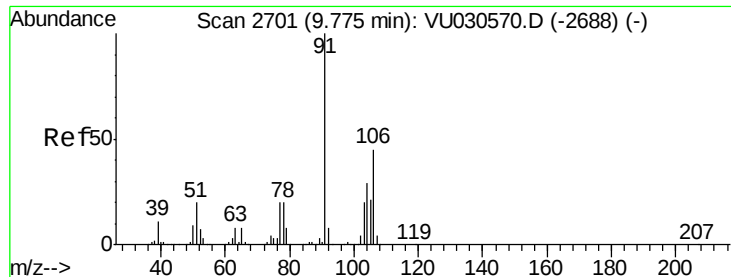
Tot Ion: 91 Resp: 114069
Ion Ratio Lower Upper
91 100
106 31.1 23.1 34.7



#64
m/p-Xylenes
Concen: 3.524 ug/l
RT: 9.37 min Scan# 2576
Delta R.T. -0.00 min
Lab File: VU030578.D
Acq: 30 Mar 2019 18:49

Tgt Ion: 106 Resp: 83846
Ion Ratio Lower Upper
106 100
91 223.6 179.4 269.0

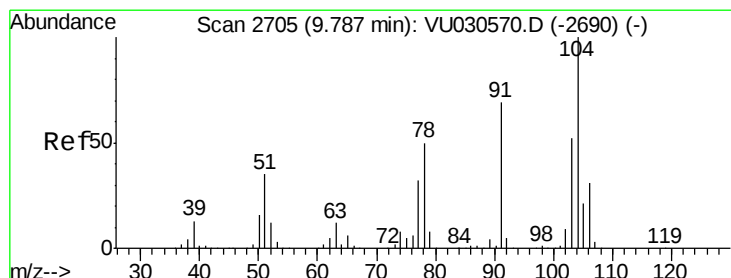
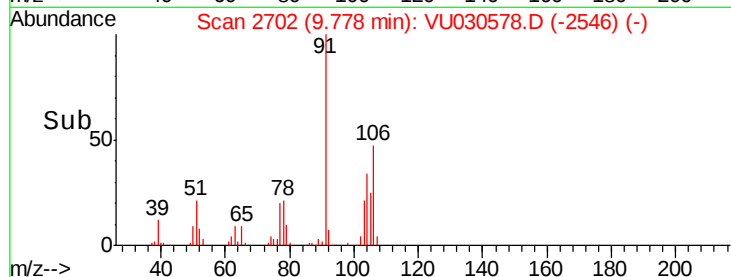
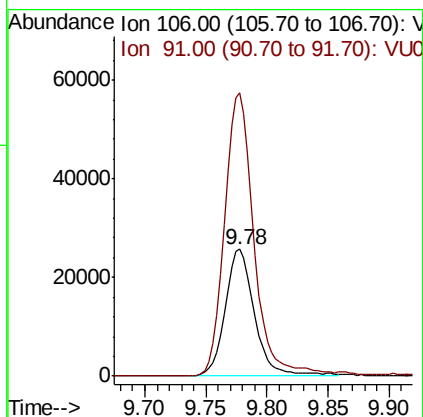
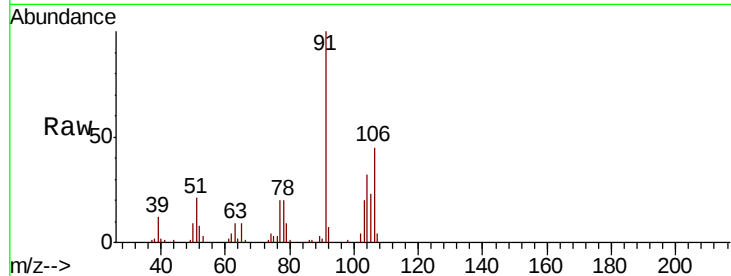




#65
o-Xylene
Concen: 1.900 ug/l
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU030578.D
Acq: 30 Mar 2019 18:49

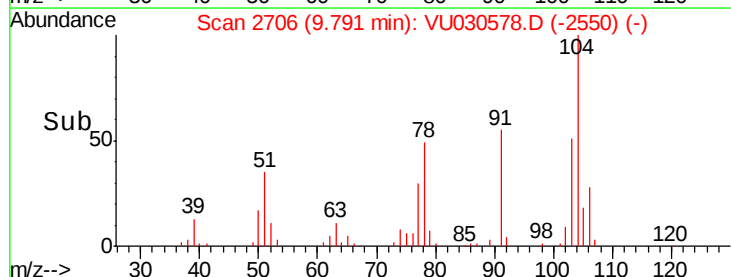
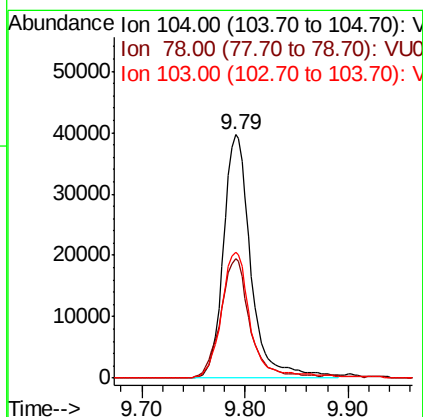
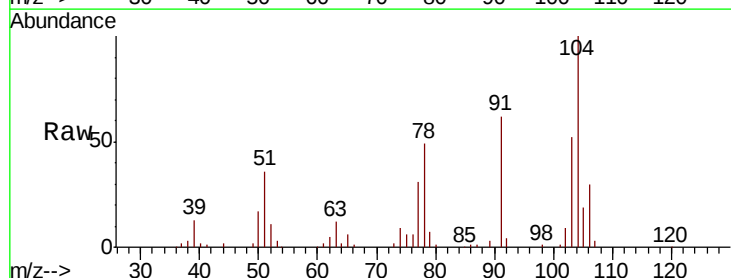
Instrument :
MSVOA_U
ClientSampled :

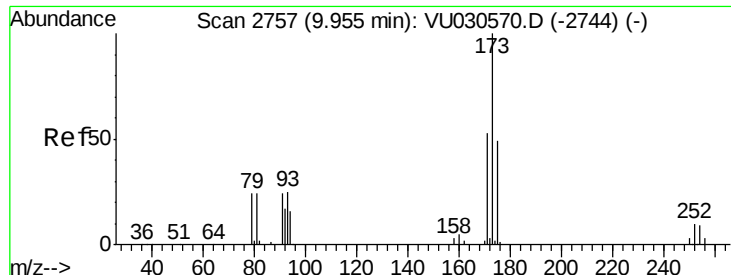
Tot Ion:106 Resp: 43462
Ion Ratio Lower Upper
106 100
91 223.9 115.5 346.4



#66
Styrene
Concen: 1.911 ug/l
RT: 9.79 min Scan# 2706
Delta R.T. 0.00 min
Lab File: VU030578.D
Acq: 30 Mar 2019 18:49

Tgt Ion:104 Resp: 73688
Ion Ratio Lower Upper
104 100
78 52.6 42.3 63.5
103 55.1 44.7 67.1





#67

Bromoform

Concen: 2.107 ug/l

RT: 9.95 min Scan# 2757

Delta R.T. -0.00 min

Lab File: VU030578.D

Acq: 30 Mar 2019 18:49

Instrument :
MSVOA_U
ClientSampleId :

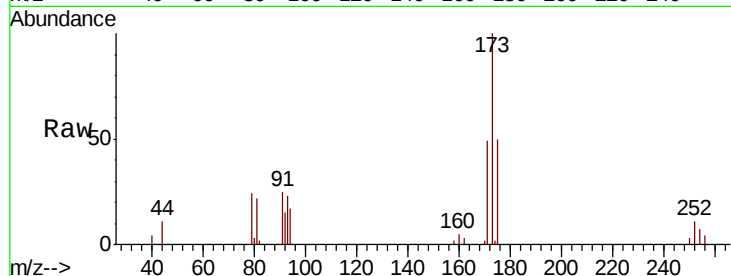
Tot Ion:173 Resp: 14171

Ion Ratio Lower Upper

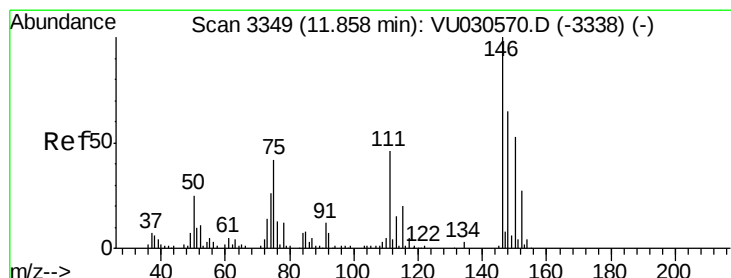
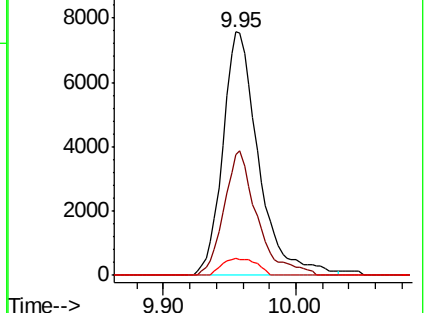
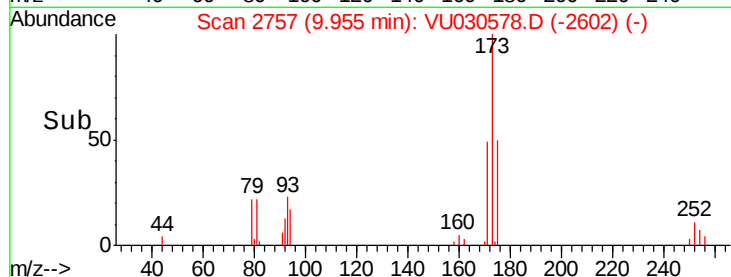
173 100

175 47.4 38.6 57.8

254 6.6 6.9 10.3#



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: 2.107 ug/l

RT: 11.86 min Scan# 3349

Delta R.T. -0.00 min

Lab File: VU030578.D

Acq: 30 Mar 2019 18:49

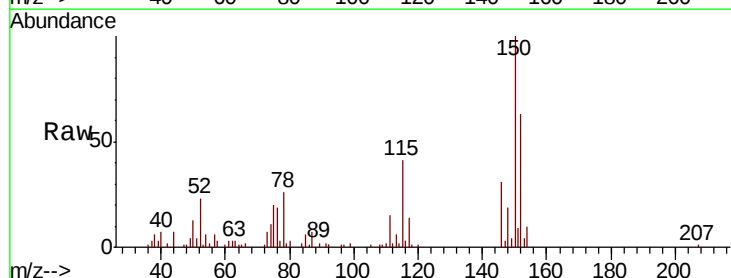
Tgt Ion:152 Resp: 18300

Ion Ratio Lower Upper

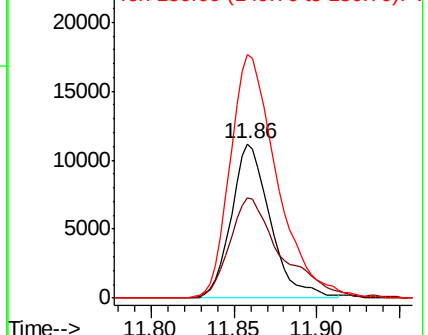
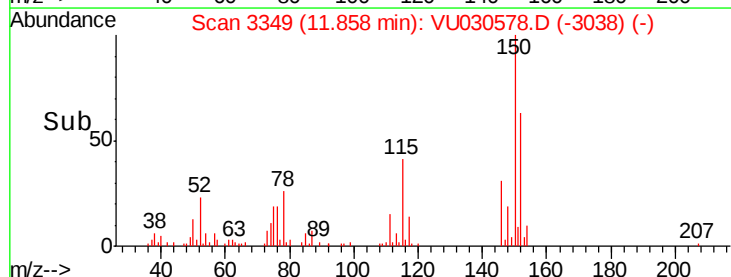
152 100

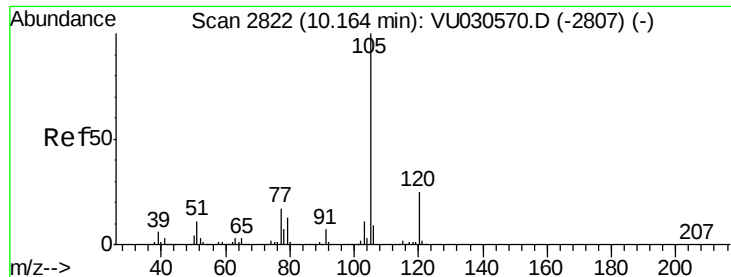
115 85.2 0.0 136.2

150 190.2 0.0 634.6



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: 1.827 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. -0.00 min

Lab File: VU030578.D

Acq: 30 Mar 2019 18:49

Instrument :

MSVOA_U

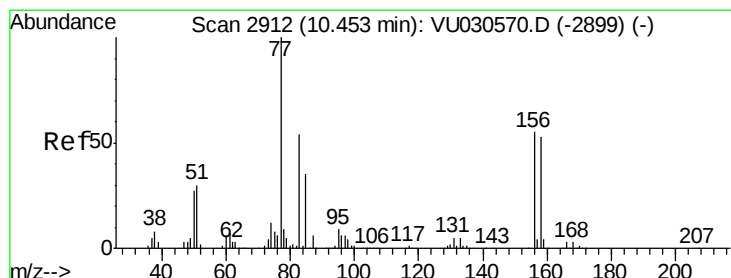
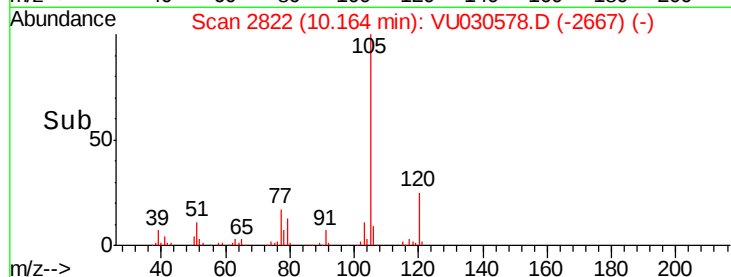
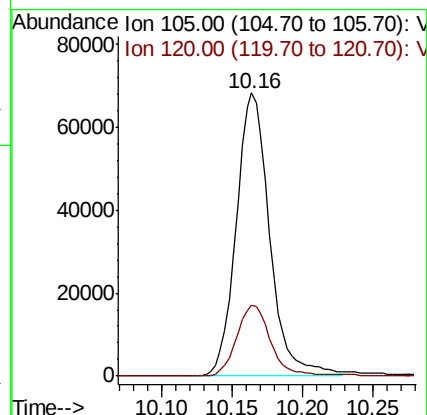
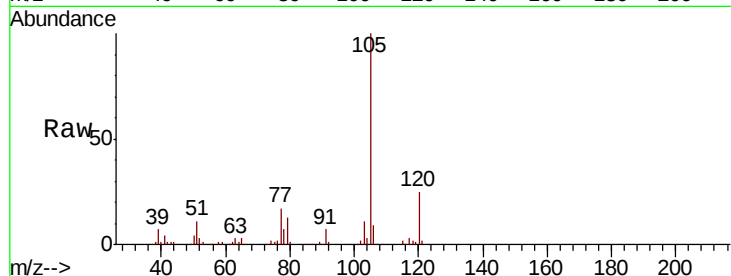
ClientSampleId :

Tot Ion:105 Resp: 113704

Ion Ratio Lower Upper

105 100

120 25.8 12.6 37.6



#70

1,1,2,2-Tetrachloroethane

Concen: 2.051 ug/l

RT: 10.46 min Scan# 2913

Delta R.T. 0.00 min

Lab File: VU030578.D

Acq: 30 Mar 2019 18:49

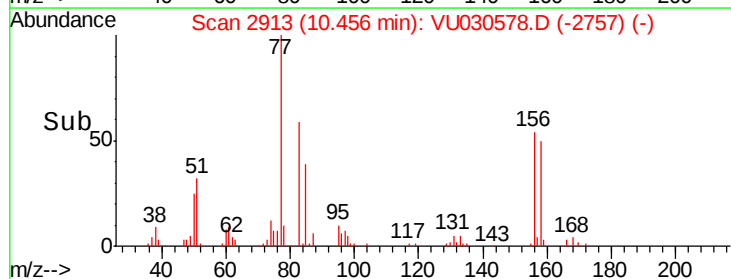
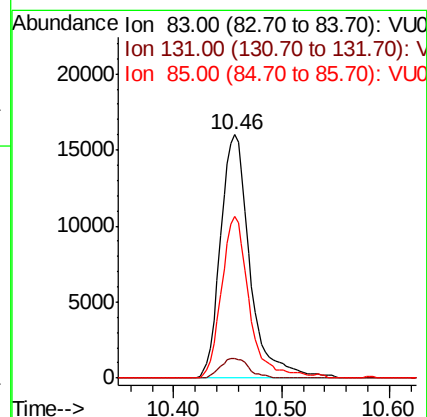
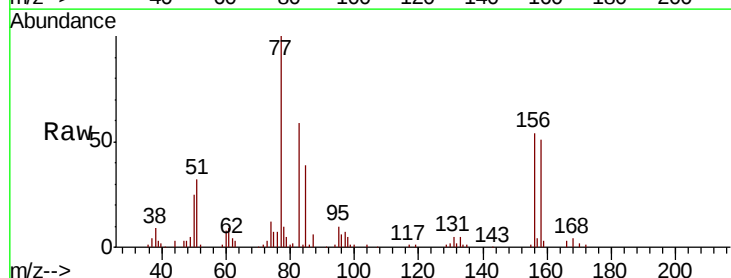
Tgt Ion: 83 Resp: 30405

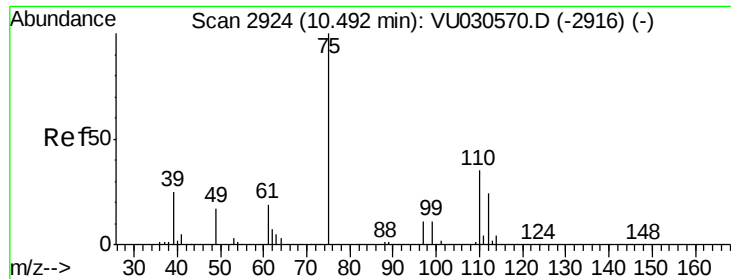
Ion Ratio Lower Upper

83 100

131 7.8 7.0 10.6

85 62.2 51.0 76.4

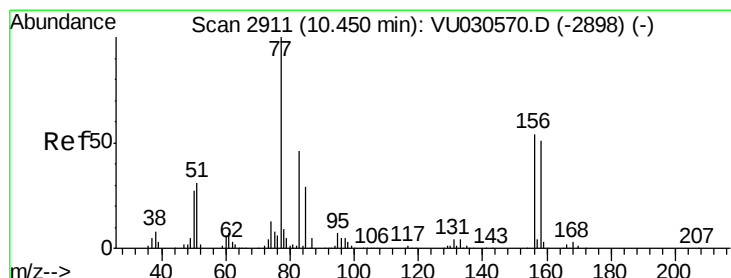
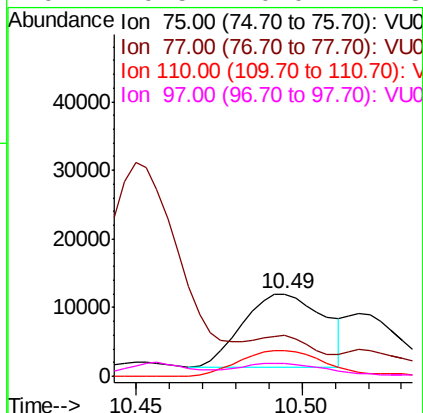
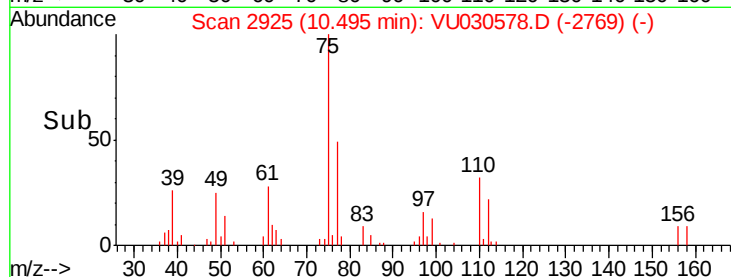
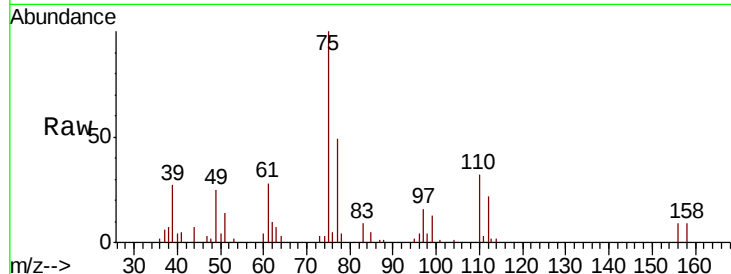




#71
 1,2,3-Trichloropropane
 Concen: 1.925 ug/l
 RT: 10.49 min Scan# 2925
 Delta R.T. 0.00 min
 Lab File: VU030578.D
 Acq: 30 Mar 2019 18:49

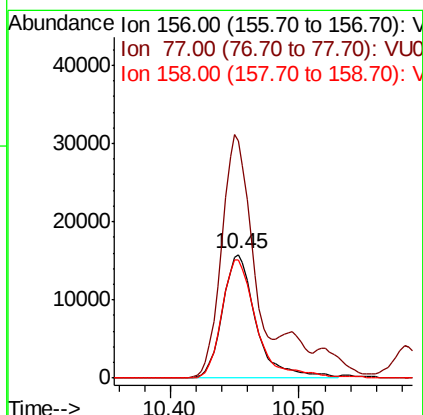
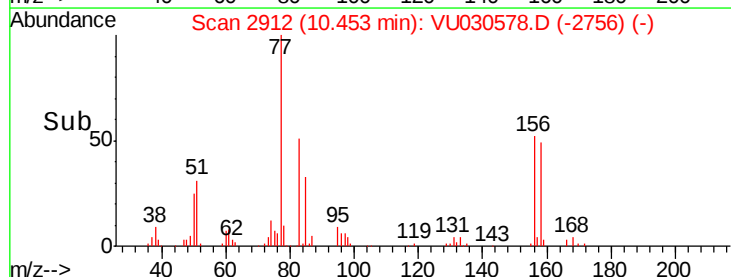
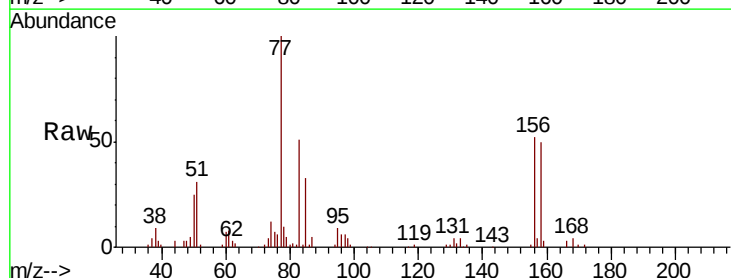
Instrument :
 MSVOA_U
 ClientSampleId :

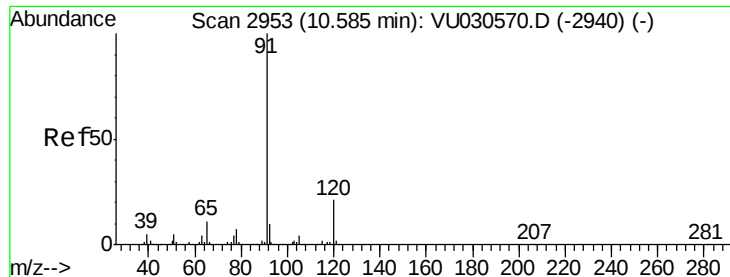
Tot Ion:	75	Resp:	18199
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	38.6	0.0	83.8
97	19.5	0.0	42.8



#72
 Bromobenzene
 Concen: 1.908 ug/l
 RT: 10.45 min Scan# 2912
 Delta R.T. 0.00 min
 Lab File: VU030578.D
 Acq: 30 Mar 2019 18:49

Tgt Ion:	156	Resp:	28487
Ion	Ratio	Lower	Upper
156	100		
77	178.6	0.0	363.0
158	98.3	0.0	193.2





#73

n-propylbenzene

Concen: 1.737 ug/l

RT: 10.58 min Scan# 2953

Delta R.T. -0.00 min

Lab File: VU030578.D

Acq: 30 Mar 2019 18:49

Instrument :

MSVOA_U

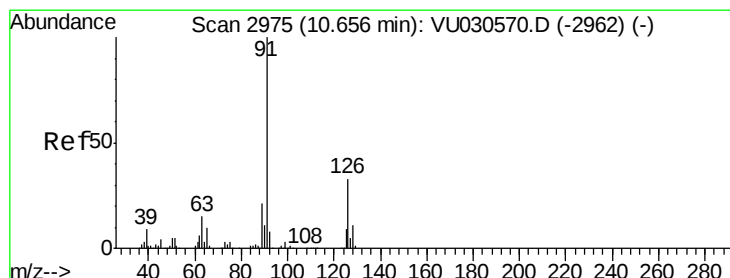
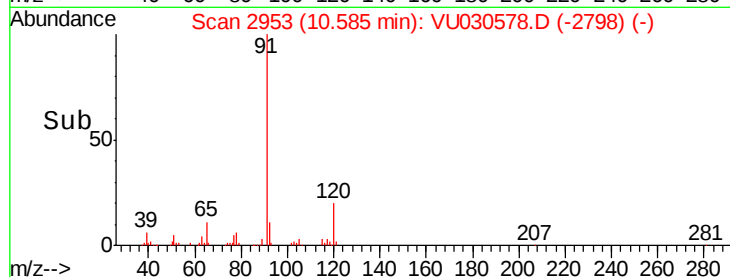
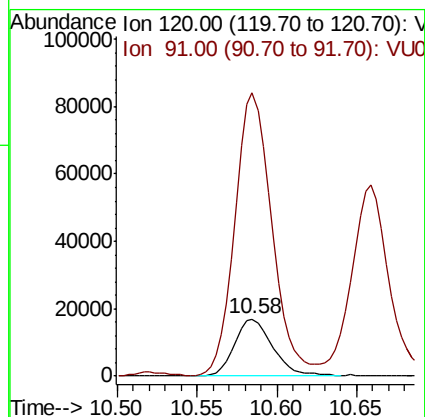
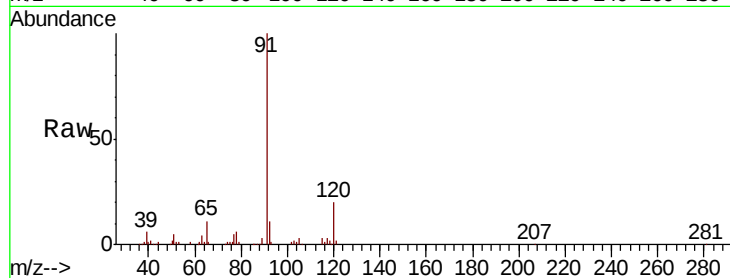
ClientSampleId :

Tot Ion:120 Resp: 27703

Ion Ratio Lower Upper

120 100

91 475.0 371.6 557.4



#74

2-Chlorotoluene

Concen: 1.988 ug/l

RT: 10.66 min Scan# 2975

Delta R.T. -0.00 min

Lab File: VU030578.D

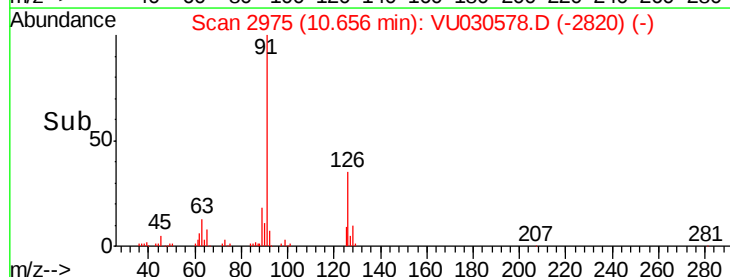
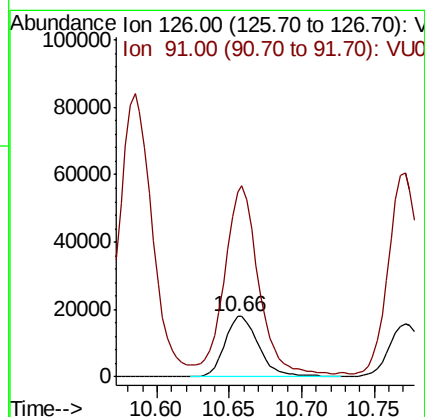
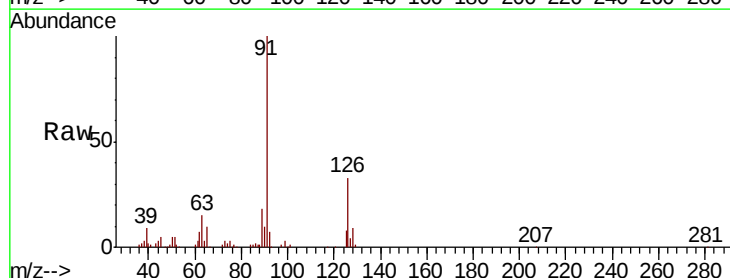
Acq: 30 Mar 2019 18:49

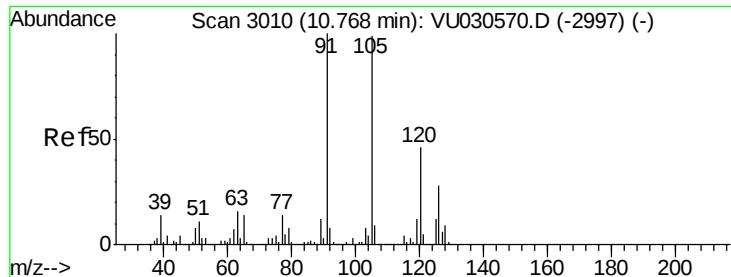
Tgt Ion:126 Resp: 29412

Ion Ratio Lower Upper

126 100

91 306.5 0.0 656.8





#75

1,3,5-Trimethylbenzene

Concen: 1.844 ug/l

RT: 10.77 min Scan# 3011

Delta R.T. 0.00 min

Lab File: VU030578.D

Acq: 30 Mar 2019 18:49

Instrument :

MSVOA_U

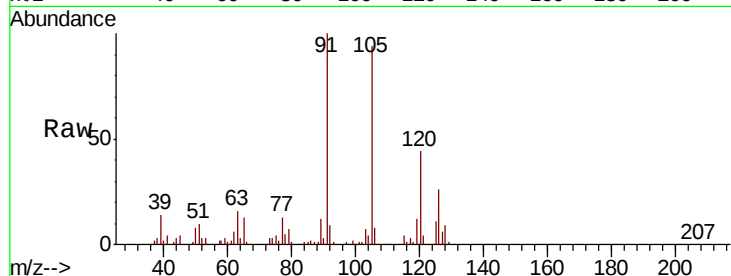
ClientSampleId :

Tot Ion:105 Resp: 96466

Ion Ratio Lower Upper

105 100

120 46.6 37.6 56.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

60000

40000

20000

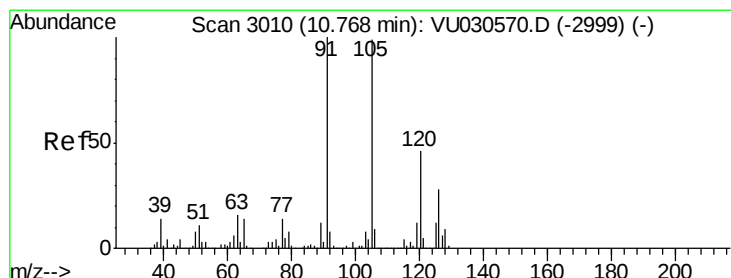
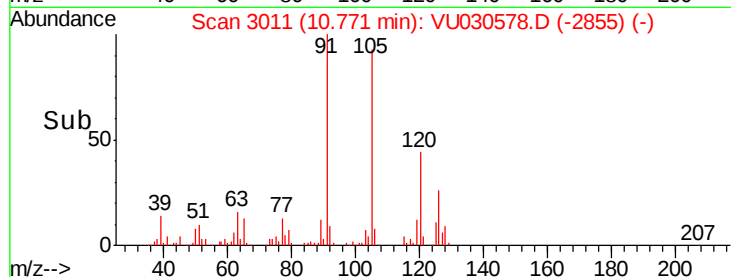
0

10.77

10.80

10.90

Time-->



#76

4-Chlorotoluene

Concen: 1.727 ug/l

RT: 10.77 min Scan# 3011

Delta R.T. 0.00 min

Lab File: VU030578.D

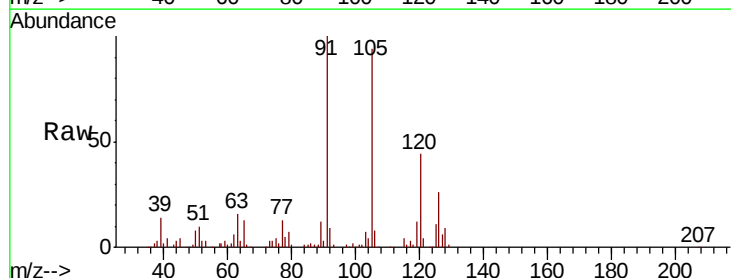
Acq: 30 Mar 2019 18:49

Tgt Ion:126 Resp: 25979

Ion Ratio Lower Upper

126 100

91 385.6 0.0 721.6



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

60000

40000

20000

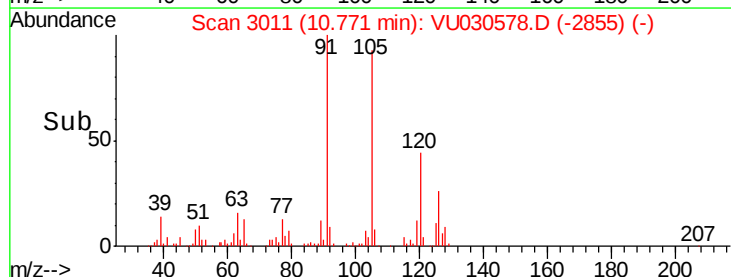
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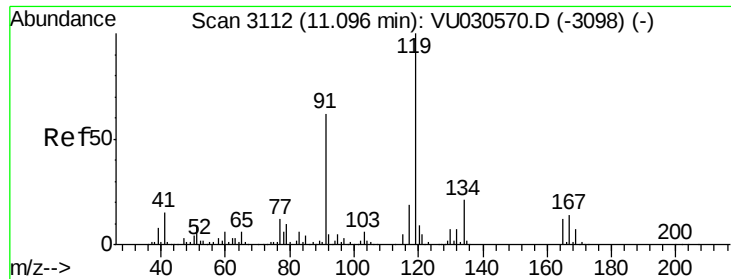
10.77

10.80

10.85

Time-->





#77

tert-Butylbenzene

Concen: 1.823 ug/l

RT: 11.10 min Scan# 3112

Delta R.T. -0.00 min

Lab File: VU030578.D

Acq: 30 Mar 2019 18:49

Instrument :

MSVOA_U

ClientSampleId :

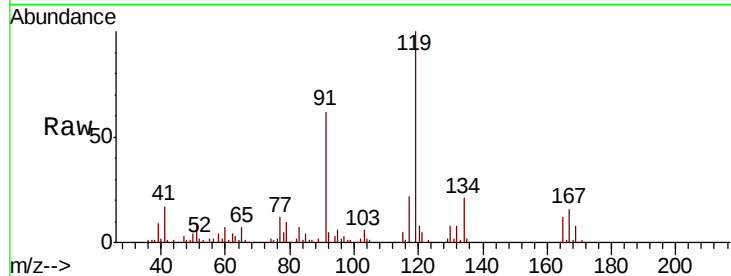
Tot Ion:119 Resp: 90340

Ion Ratio Lower Upper

119 100

91 60.3 30.9 92.8

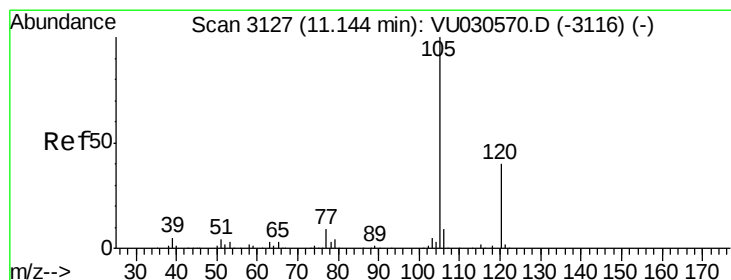
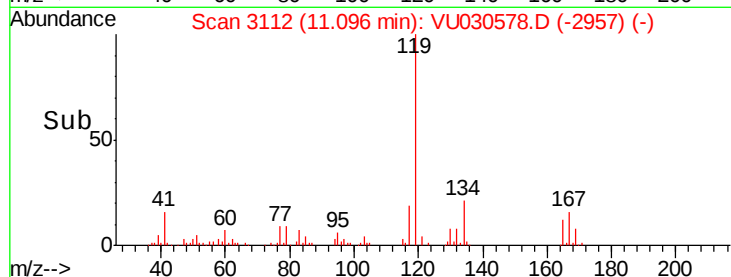
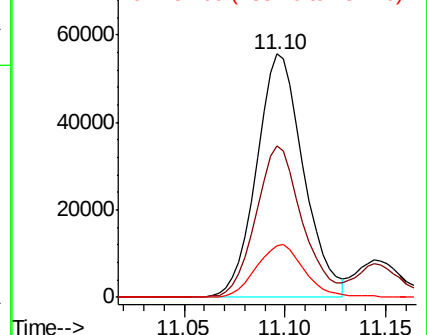
134 22.6 17.6 26.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V



#78

1,2,4-Trimethylbenzene

Concen: 1.785 ug/l

RT: 11.15 min Scan# 3128

Delta R.T. 0.00 min

Lab File: VU030578.D

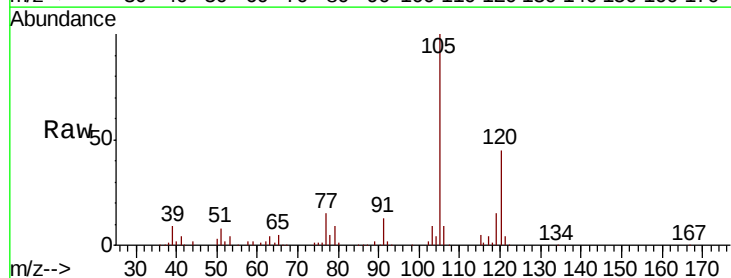
Acq: 30 Mar 2019 18:49

Tgt Ion:105 Resp: 92598

Ion Ratio Lower Upper

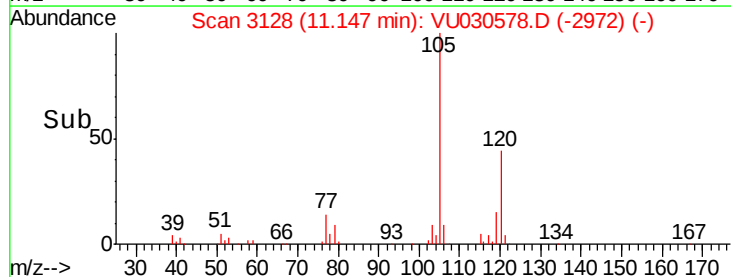
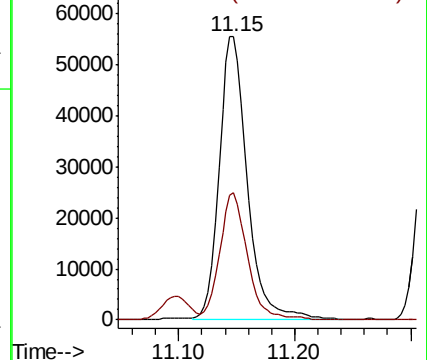
105 100

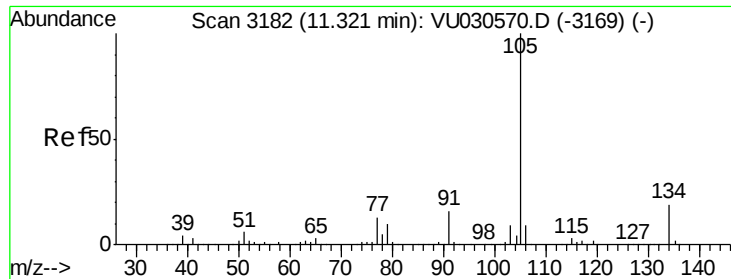
120 42.6 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 1.801 ug/l

RT: 11.32 min Scan# 3182

Delta R.T. -0.00 min

Lab File: VU030578.D

Acq: 30 Mar 2019 18:49

Instrument :

MSVOA_U

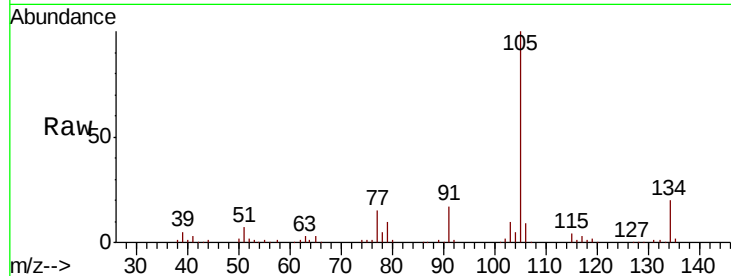
ClientSampleId :

Tot Ion: 105 Resp: 121289

Ion Ratio Lower Upper

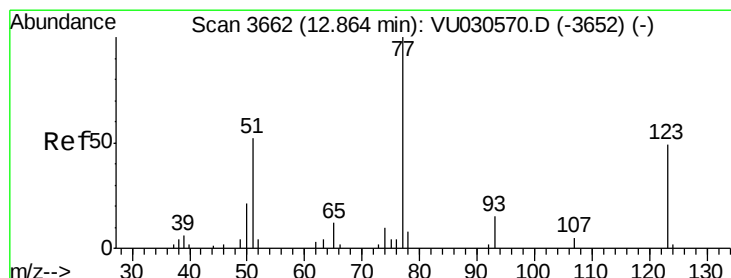
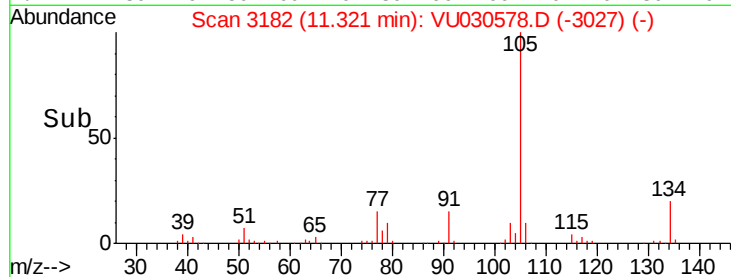
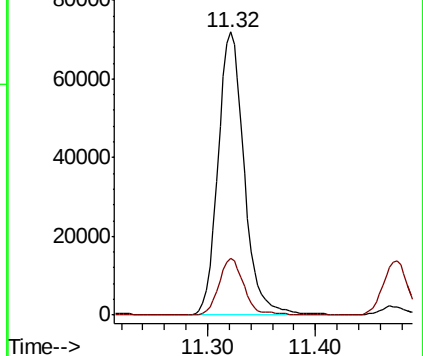
105 100

134 19.2 14.7 22.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 4.665 ug/l

RT: 12.88 min Scan# 3668

Delta R.T. 0.02 min

Lab File: VU030578.D

Acq: 30 Mar 2019 18:49

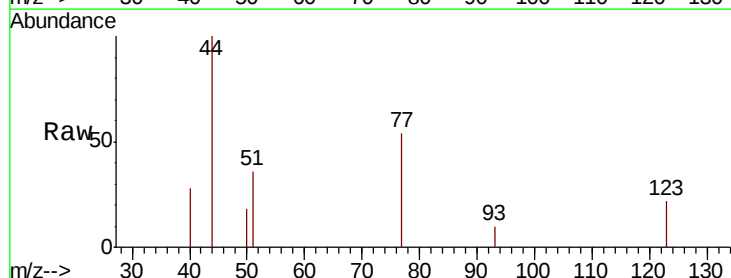
Tgt Ion: 77 Resp: 932

Ion Ratio Lower Upper

77 100

123 30.7 17.5 62.1

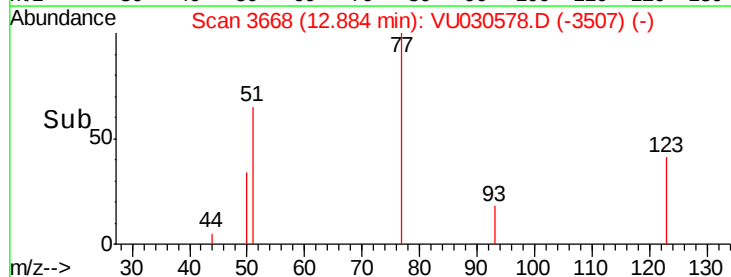
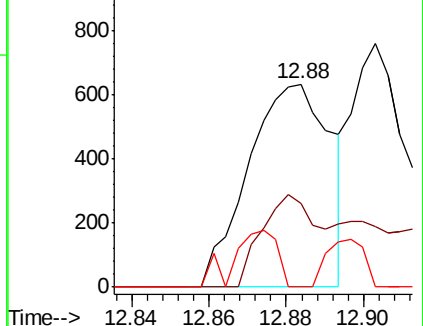
65 14.8 8.1 10.3#

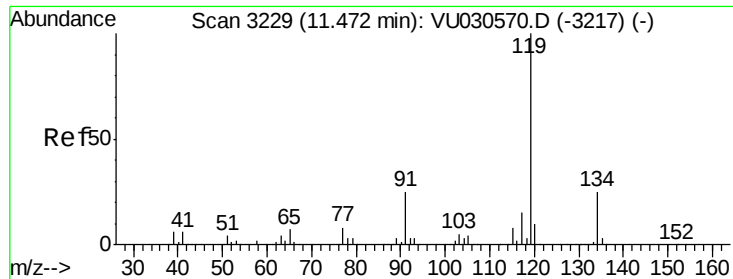


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

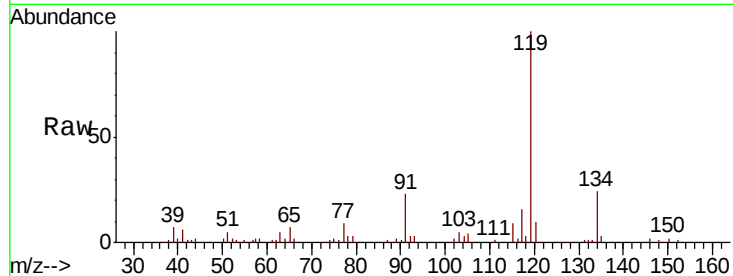




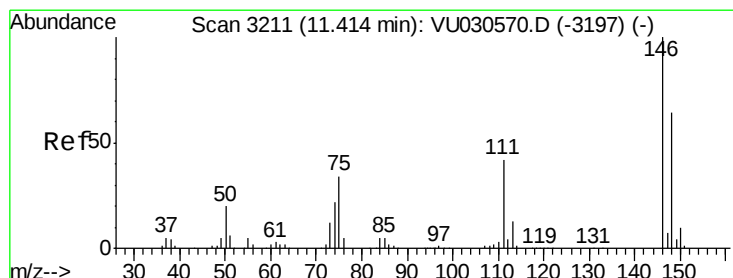
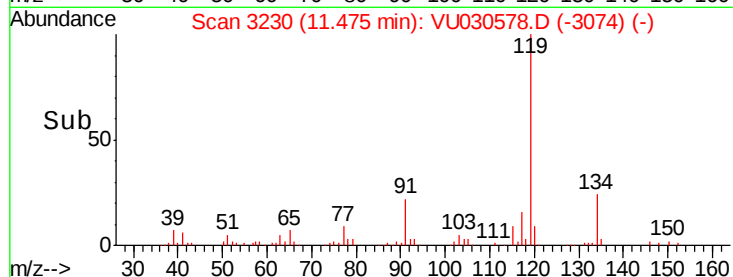
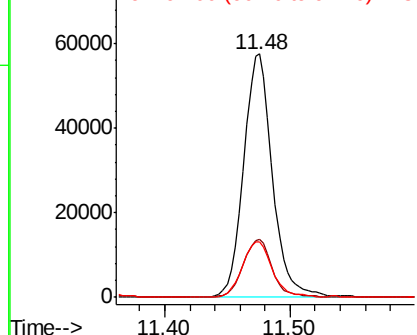
#81
 p-Isopropyltoluene
 Concen: 1.780 ug/l
 RT: 11.48 min Scan# 3230
 Delta R.T. 0.00 min
 Lab File: VU030578.D
 Acq: 30 Mar 2019 18:49

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:119 Resp: 92073
 Ion Ratio Lower Upper
 119 100
 134 24.1 20.6 31.0
 91 23.0 20.4 30.6

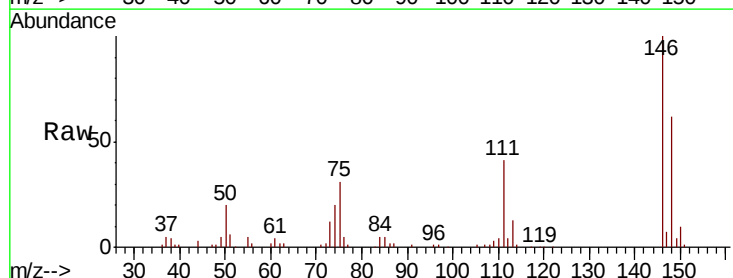


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

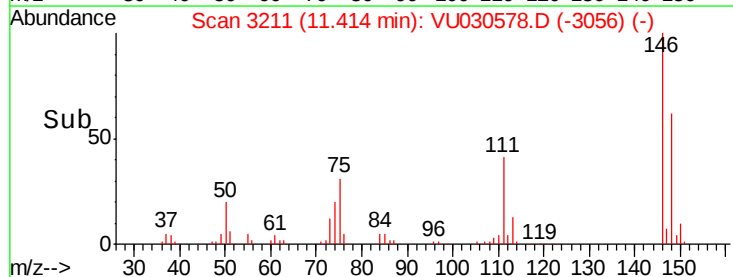
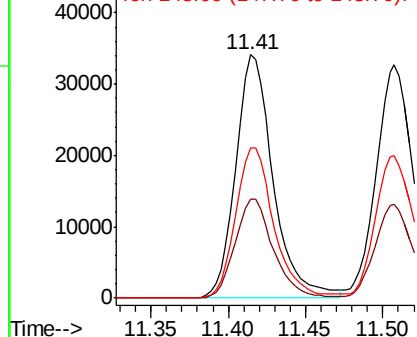


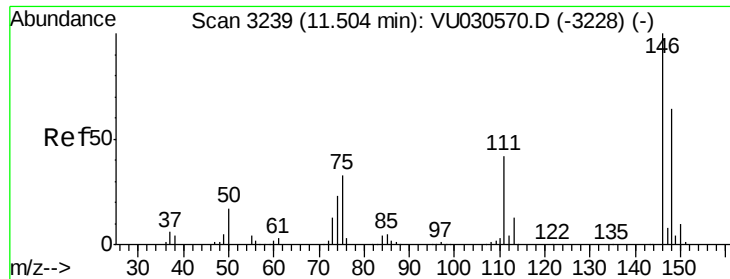
#82
 1,3-Dichlorobenzene
 Concen: 1.921 ug/l
 RT: 11.41 min Scan# 3211
 Delta R.T. -0.00 min
 Lab File: VU030578.D
 Acq: 30 Mar 2019 18:49

Tgt Ion:146 Resp: 57317
 Ion Ratio Lower Upper
 146 100
 111 41.6 34.0 51.0
 148 63.4 51.0 76.6



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

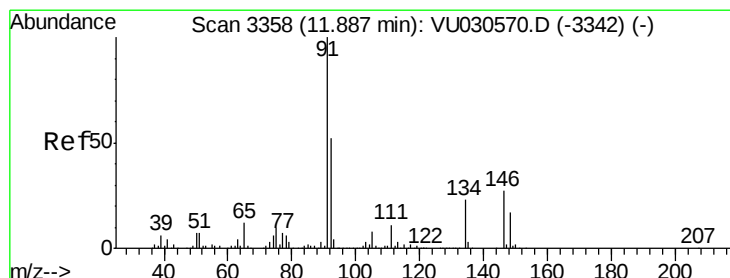
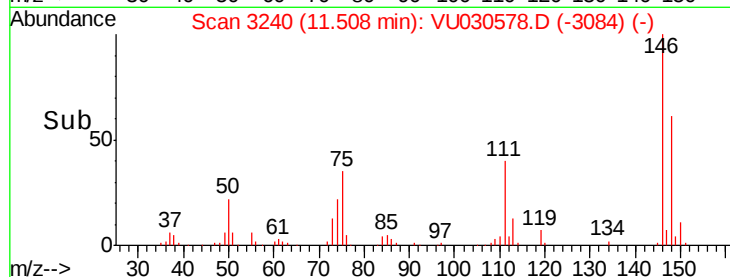
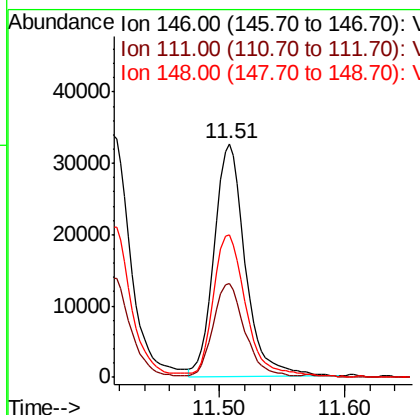
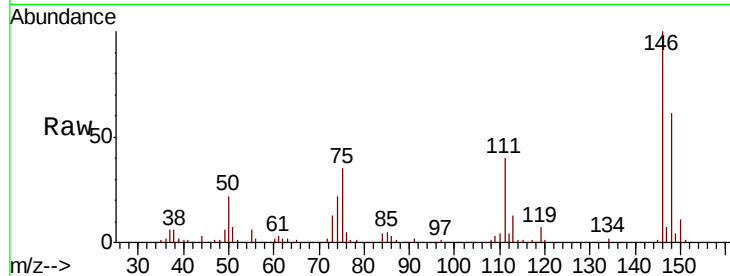




#83
 1,4-Dichlorobenzene
 Concen: 1.878 ug/l
 RT: 11.51 min Scan# 3240
 Delta R.T. 0.00 min
 Lab File: VU030578.D
 Acq: 30 Mar 2019 18:49

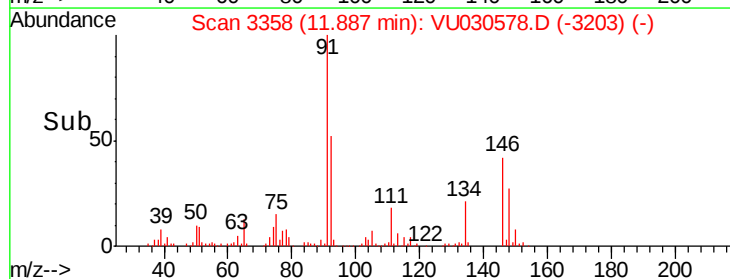
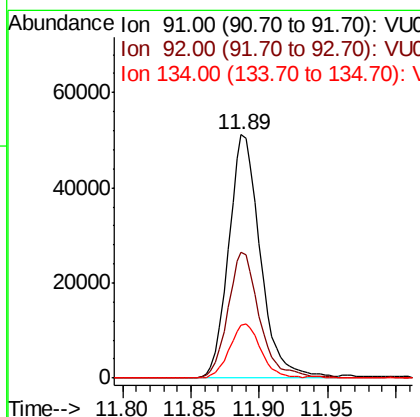
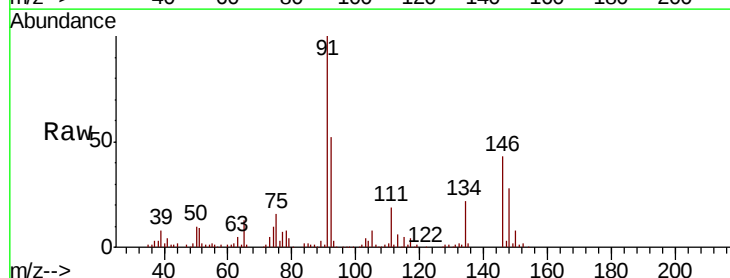
Instrument :
 MSVOA_U
 ClientSampled :

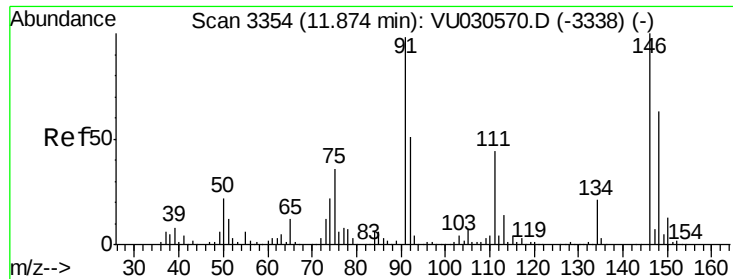
Tot Ion:146 Resp: 56171
 Ion Ratio Lower Upper
 146 100
 111 41.5 32.8 49.2
 148 64.4 50.5 75.7



#84
 n-Butylbenzene
 Concen: 1.654 ug/l
 RT: 11.89 min Scan# 3358
 Delta R.T. -0.00 min
 Lab File: VU030578.D
 Acq: 30 Mar 2019 18:49

Tgt Ion: 91 Resp: 82755
 Ion Ratio Lower Upper
 91 100
 92 51.6 41.7 62.5
 134 21.8 18.3 27.5

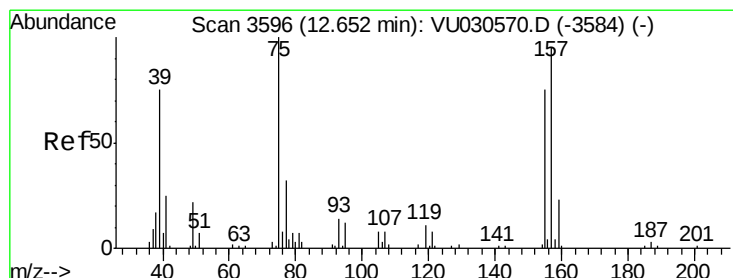
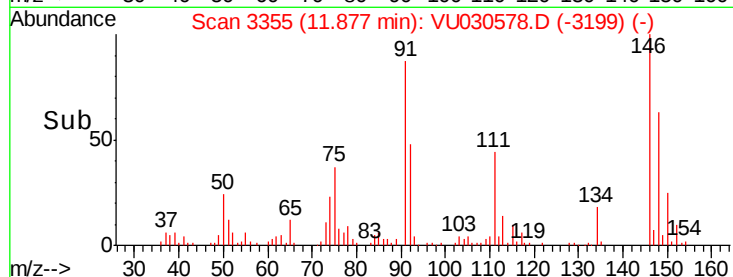
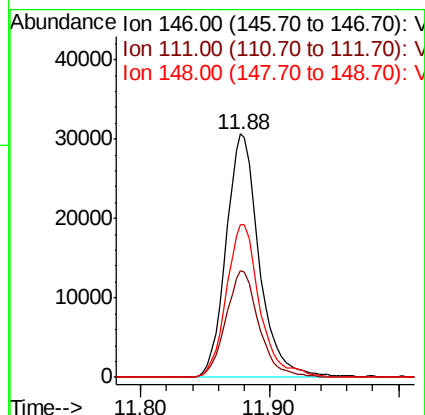
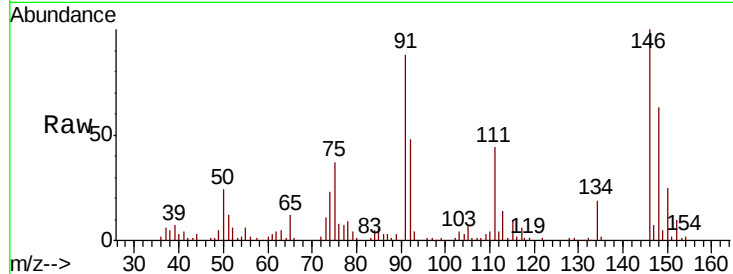




#85
 1,2-Dichlorobenzene
 Concen: 1.938 ug/l
 RT: 11.88 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VU030578.D
 Acq: 30 Mar 2019 18:49

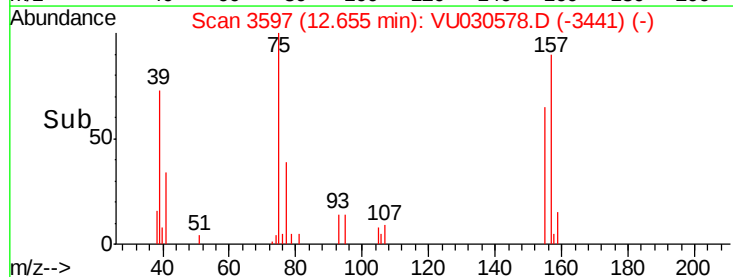
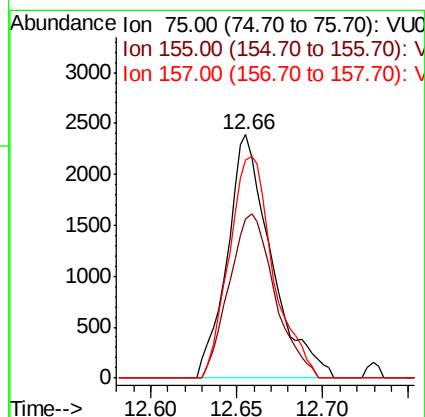
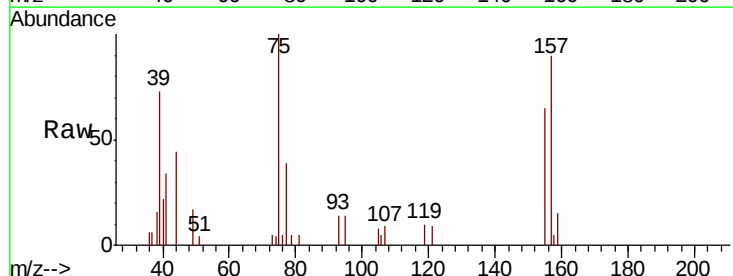
Instrument :
 MSVOA_U
 ClientSampleId :

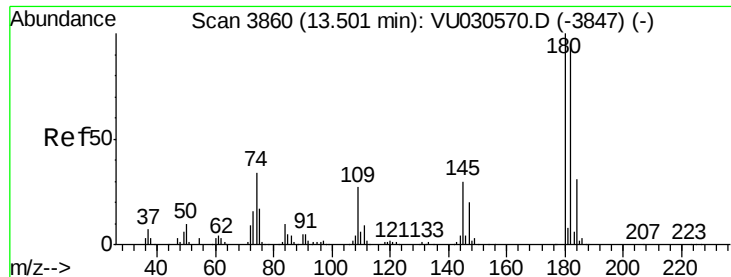
Tot Ion:146 Resp: 54430
 Ion Ratio Lower Upper
 146 100
 111 43.9 21.9 65.5
 148 63.5 31.5 94.5



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.965 ug/l
 RT: 12.66 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VU030578.D
 Acq: 30 Mar 2019 18:49

Tgt Ion: 75 Resp: 4273
 Ion Ratio Lower Upper
 75 100
 155 69.8 59.7 89.5
 157 91.2 73.7 110.5

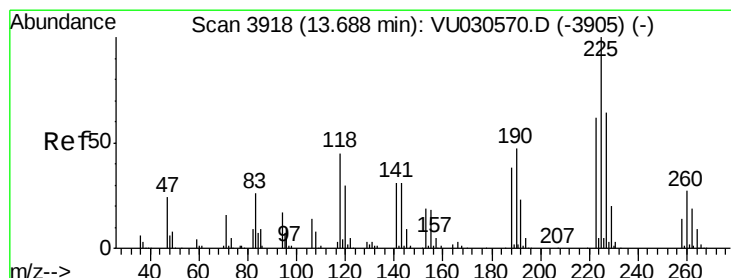
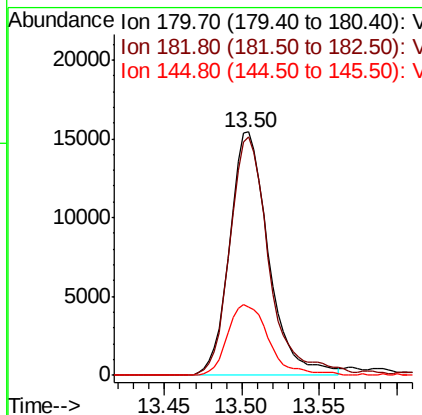
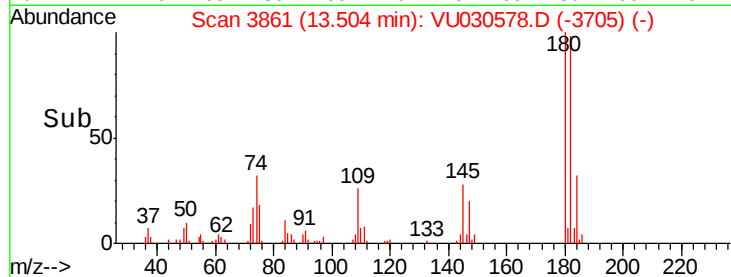
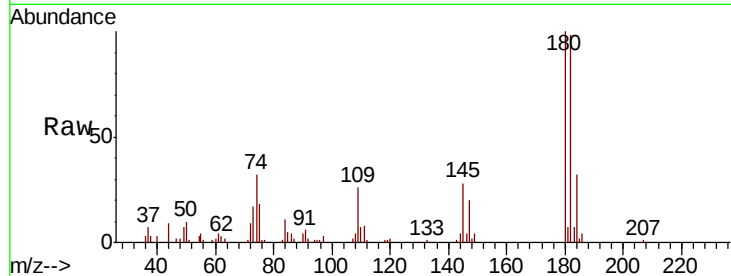




#87
 1,2,4-Trichlorobenzene
 Concen: 1.677 ug/l
 RT: 13.50 min Scan# 3861
 Delta R.T. 0.00 min
 Lab File: VU030578.D
 Acq: 30 Mar 2019 18:49

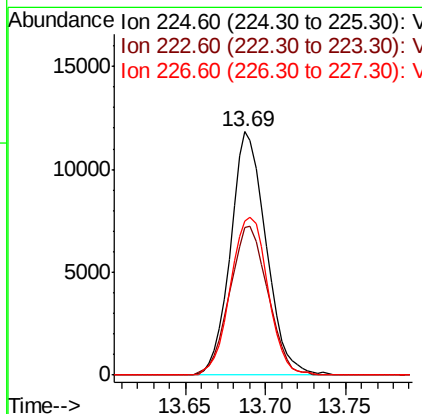
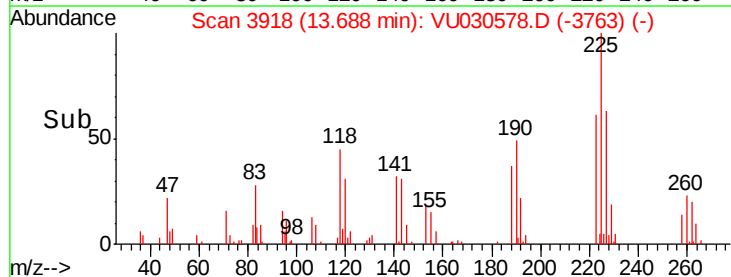
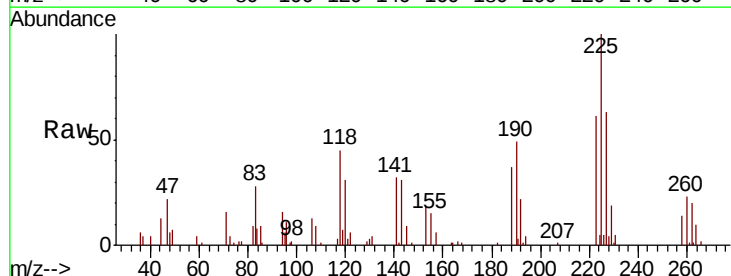
Instrument :
 MSVOA_U
 ClientSampleId :

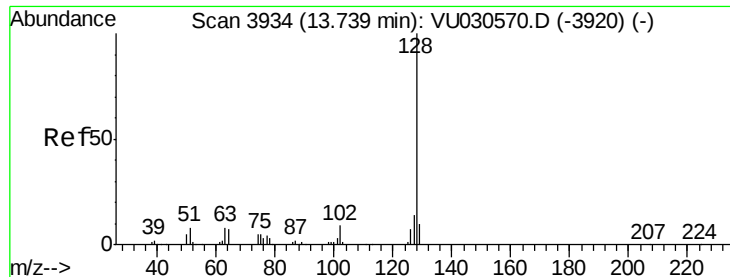
Tot Ion:180 Resp: 26886
 Ion Ratio Lower Upper
 180 100
 182 98.7 76.0 114.0
 145 31.0 24.3 36.5



#88
 Hexachlorobutadiene
 Concen: 1.765 ug/l
 RT: 13.69 min Scan# 3918
 Delta R.T. -0.00 min
 Lab File: VU030578.D
 Acq: 30 Mar 2019 18:49

Tgt Ion:225 Resp: 17845
 Ion Ratio Lower Upper
 225 100
 223 65.7 50.7 76.1
 227 68.3 50.8 76.2





#89

Naphthalene

Concen: 1.376 ug/l

RT: 13.75 min Scan# 3936

Delta R.T. 0.01 min

Lab File: VU030578.D

Acq: 30 Mar 2019 18:49

Instrument :

MSVOA_U

ClientSampleId :

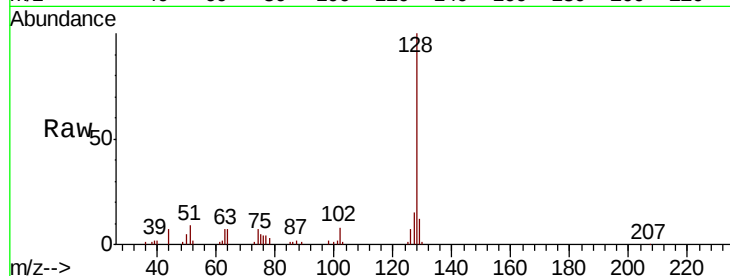
Tot Ion:128 Resp: 38522

Ion Ratio Lower Upper

128 100

127 14.6 10.4 15.6

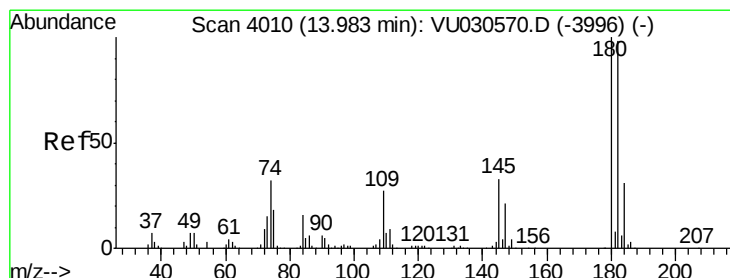
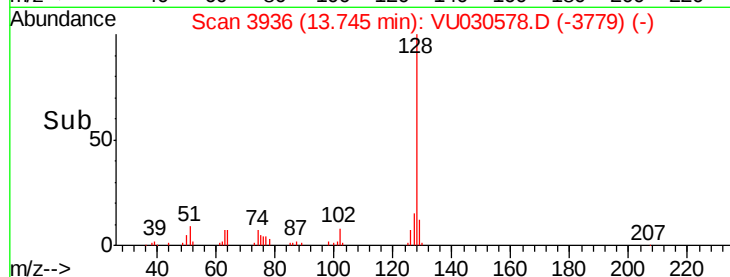
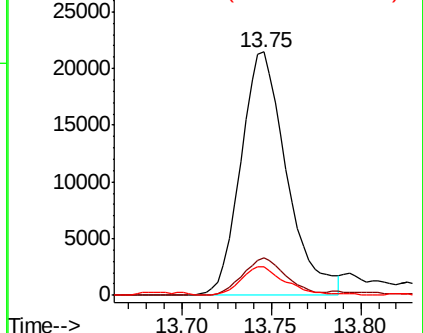
129 11.4 7.8 11.8



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: 1.660 ug/l

RT: 13.99 min Scan# 4011

Delta R.T. 0.00 min

Lab File: VU030578.D

Acq: 30 Mar 2019 18:49

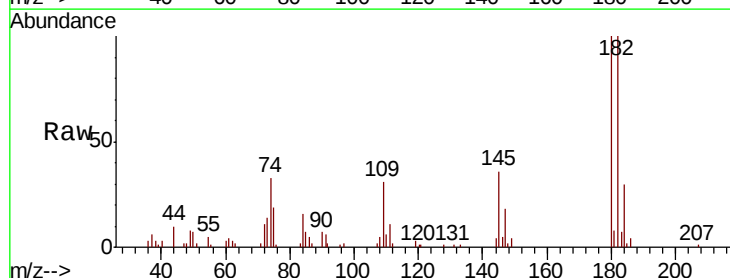
Tgt Ion:180 Resp: 25253

Ion Ratio Lower Upper

180 100

182 102.1 76.6 114.8

145 33.9 25.9 38.9



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

