

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U033119\
 Data File : VU030579.D
 Acq On : 30 Mar 2019 19:17
 Operator : JC/SP
 Sample : VU0331WBSD01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 31 01:18:05 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	50583	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	19455	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	18107	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.21	85	41988	1.973	ug/l	97
3) Chloromethane	1.33	50	53129	1.933	ug/l	100
4) Vinyl Chloride	1.40	62	48285	2.033	ug/l	98
5) Bromomethane	1.63	94	17463	1.705	ug/l	97
6) Chloroethane	1.70	64	24793	1.810	ug/l	96
7) Trichlorofluoromethane	1.88	101	52060	1.995	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	25257	1.906	ug/l	96
9) 1,1-Dichloroethene	2.28	96	26510	1.988	ug/l	97
10) Iodomethane	2.41	142	6691	0.983	ug/l	100
11) Allyl Chloride	2.59	41	57245	1.970	ug/l	100
12) Acrylonitrile	2.94	53	15662	4.134	ug/l	96
13) Acetone	2.32	43	33806	9.525	ug/l	96
14) Carbon Disulfide	2.47	76	96741	1.985	ug/l	100
15) Methylene Chloride	2.69	84	33573	1.985	ug/l	97
16) trans-1,2-Dichloroethene	2.97	96	30265	2.008	ug/l	100
17) 1,1-Dichloroethane	3.44	63	63439	2.073	ug/l	99
18) 2-Butanone	4.29	43	49741	10.841	ug/l	100
19) Cyclohexane	4.98	56	43294	1.677	ug/l	88
20) Methylcyclohexane	6.41	83	42091	1.859	ug/l	98
21) 2,2-Dichloropropane	4.22	77	39895	1.697	ug/l	99
22) cis-1,2-Dichloroethene	4.22	96	32518	2.010	ug/l	94
23) Diethyl Ether	2.10	59	25519	2.013	ug/l	97
24) tert-Butyl Alcohol	2.85	59	30908	23.553	ug/l #	86
25) Methyl tert-Butyl Ether	3.00	73	80720	2.090	ug/l	99
26) Bromochloromethane	4.55	128	12500	1.973	ug/l	98
27) Chloroform	4.67	83	59501	2.082	ug/l	98
28) 1,1,1-Trichloroethane	4.91	97	47254	2.003	ug/l	100
29) 1,1-Dichloropropene	5.13	75	41374	1.955	ug/l	99
30) Carbon Tetrachloride	5.13	117	39251	1.993	ug/l	98
31) Isopropyl Ether	3.58	45	101322	1.988	ug/l	99
32) Ethyl-t-butyl ether	4.08	59	77827	1.918	ug/l	96
33) Tert-Amyl methyl ether	5.58	73	64705	1.991	ug/l	100
34) Propionitrile	4.34	54	13069	10.477	ug/l #	89
35) Benzene	5.38	78	125605	2.007	ug/l	100
36) 1,2-Dichloroethane	5.41	62	39597	2.071	ug/l	98
37) Trichloroethene	6.18	130	30407	2.025	ug/l	97
38) 1,2-Dichloropropane	6.43	63	35374	2.041	ug/l	97
39) Methacrylonitrile	4.55	41	11339	2.015	ug/l #	91
40) Methyl acrylate	4.43	55	14799	1.923	ug/l #	77
41) Tetrahydrofuran	4.66	42	12638	3.959	ug/l	100
42) 1-Chlorobutane	5.06	56	62817	1.983	ug/l	99

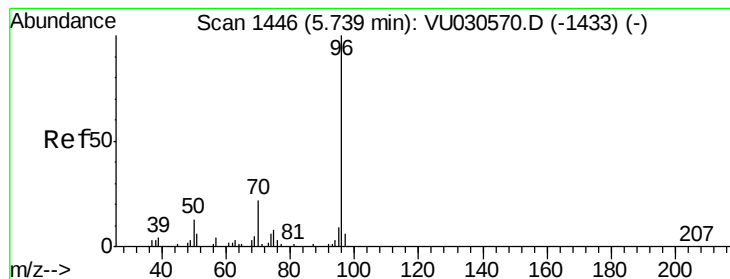
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033119\
 Data File : VU030579.D
 Acq On : 30 Mar 2019 19:17
 Operator : JC/SP
 Sample : VU0331WBSD01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 31 01:18:05 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	15373	1.956	ug/l	94
44) Bromodichloromethane	6.76	83	42303	2.034	ug/l	96
45) 4-Methyl-2-Pentanone	7.47	43	112411	10.400	ug/l	96
46) t-1,4-Dichloro-2-butene	10.49	75	18379	5.299	ug/l #	78
47) Methyl methacrylate	6.63	69	28348	4.252	ug/l	96
48) Ethyl methacrylate	8.02	69	25936	1.984	ug/l	99
49) Toluene	7.63	92	67436	1.966	ug/l	100
50) t-1,3-Dichloropropene	7.88	75	34850	1.999	ug/l	98
51) cis-1,3-Dichloropropene	7.27	75	42077	1.941	ug/l	98
52) 1,1,2-Trichloroethane	8.07	97	22169	2.070	ug/l	98
53) 1,3-Dichloropropane	8.24	76	39422	2.012	ug/l	99
54) 2-Hexanone	8.37	43	71833	9.841	ug/l	97
55) Dibromochloromethane	8.48	129	24650	1.985	ug/l	96
56) 1,2-Dibromoethane	8.59	107	19977	2.010	ug/l	93
58) Tetrachloroethene	8.22	164	27504	2.048	ug/l	97
59) Chlorobenzene	9.12	112	76719	2.070	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.21	131	27655	2.014	ug/l	99
61) Pentachloroethane	11.10	117	20301	1.917	ug/l	100
62) Hexachloroethane	12.14	117	17024	1.847	ug/l	95
63) Ethyl Benzene	9.25	91	122667	1.865	ug/l	99
64) m/p-Xylenes	9.37	106	90240	3.750	ug/l	95
65) o-Xylene	9.77	106	45459	1.965	ug/l	96
66) Styrene	9.79	104	77850	1.997	ug/l	98
67) Bromoform	9.96	173	14648	2.153	ug/l	97
69) Isopropylbenzene	10.16	105	121761	1.934	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	30719	2.048	ug/l	98
71) 1,2,3-Trichloropropane	10.49	75	18379	1.922	ug/l #	98
72) Bromobenzene	10.45	156	30250	2.003	ug/l	98
73) n-propylbenzene	10.58	120	30706	1.903	ug/l	99
74) 2-Chlorotoluene	10.66	126	29073	1.942	ug/l	97
75) 1,3,5-Trimethylbenzene	10.77	105	101670	1.921	ug/l	99
76) 4-Chlorotoluene	10.77	126	29749	1.955	ug/l	97
77) tert-Butylbenzene	11.10	119	95847	1.912	ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	99120	1.889	ug/l	99
79) sec-Butylbenzene	11.32	105	127026	1.865	ug/l	99
80) Nitrobenzene	12.89	77	1266	6.266	ug/l #	98
81) p-Isopropyltoluene	11.47	119	97010	1.854	ug/l	99
82) 1,3-Dichlorobenzene	11.41	146	59937	1.986	ug/l	98
83) 1,4-Dichlorobenzene	11.50	146	60260	1.992	ug/l	98
84) n-Butylbenzene	11.89	91	91759	1.813	ug/l	98
85) 1,2-Dichlorobenzene	11.88	146	56843	2.001	ug/l	96
86) 1,2-Dibromo-3-Chloropropan	12.66	75	4607	2.095	ug/l	96
87) 1,2,4-Trichlorobenzene	13.50	180	29902	1.844	ug/l	96
88) Hexachlorobutadiene	13.69	225	19512	1.909	ug/l	97
89) Naphthalene	13.75	128	47921	1.693	ug/l	96
90) 1,2,3-Trichlorobenzene	13.99	180	29658	1.927	ug/l	99

(#) = 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: VU030579.D

Acq: 30 Mar 2019 19:17

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 96 Resp: 50583

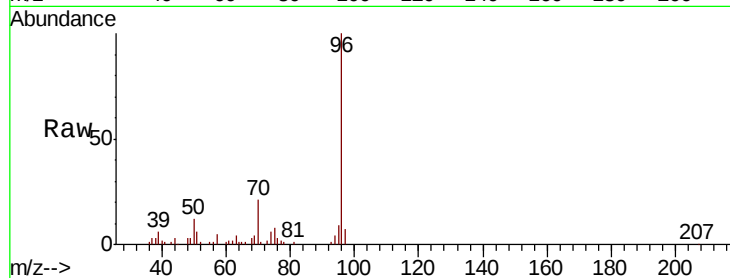
Ion Ratio Lower Upper

96 100

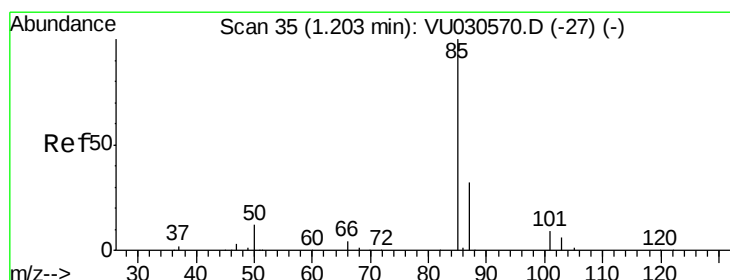
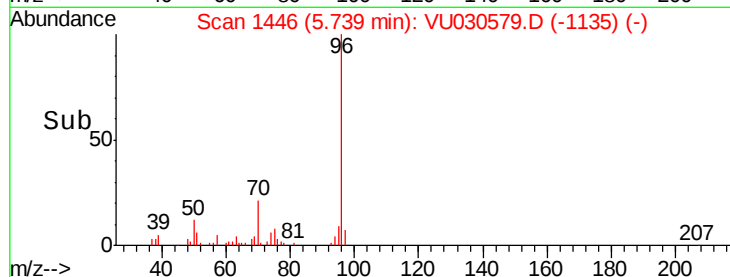
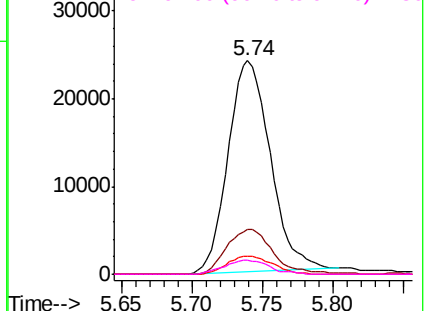
70 23.3 15.6 23.4

95 9.2 7.3 10.9

97 7.1 0.0 0.0#



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 70.00 (69.70 to 70.70): VU0
Ion 95.00 (94.70 to 95.70): VU0
Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 1.973 ug/l

RT: 1.21 min Scan# 36

Delta R.T. 0.00 min

Lab File: VU030579.D

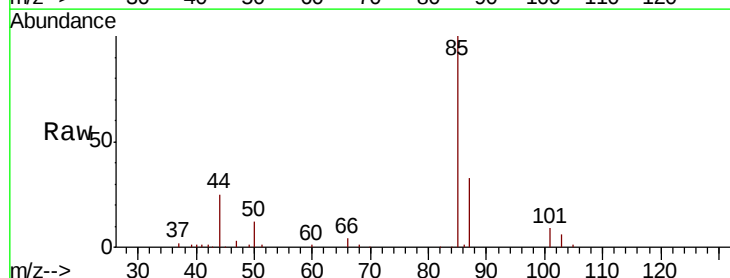
Acq: 30 Mar 2019 19:17

Tgt Ion: 85 Resp: 41988

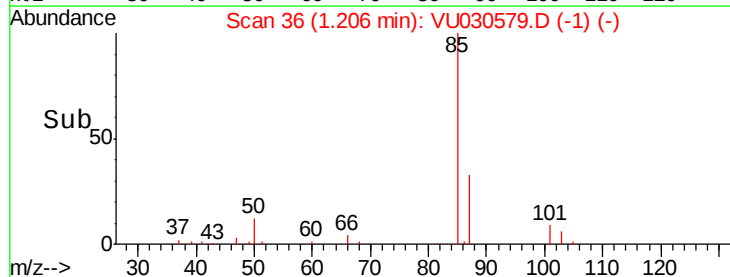
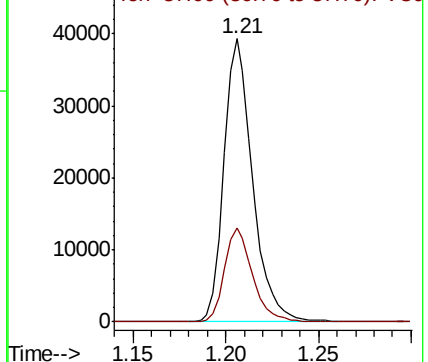
Ion Ratio Lower Upper

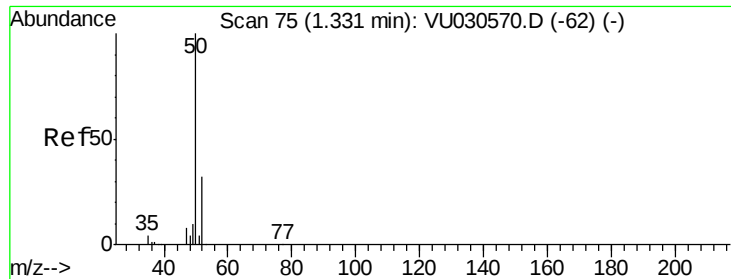
85 100

87 33.3 15.9 47.6



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





#3

Chloromethane

Concen: 1.933 ug/l

RT: 1.33 min Scan# 75

Delta R.T. 0.00 min

Lab File: VU030579.D

Acq: 30 Mar 2019 19:17

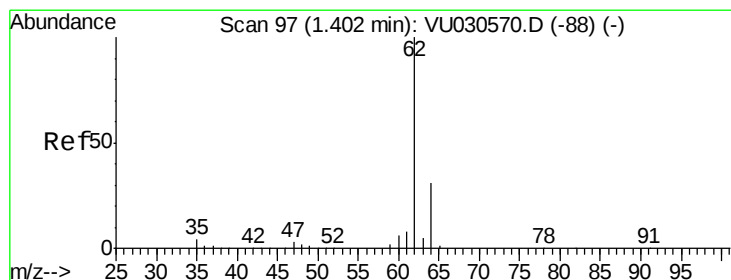
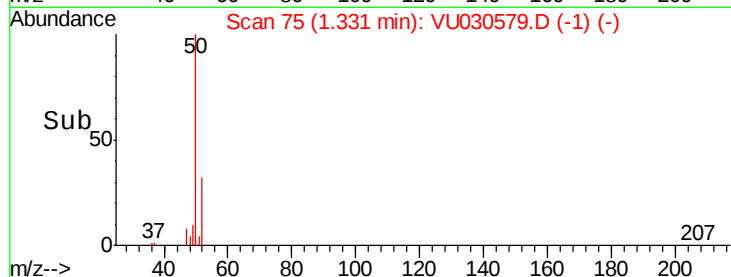
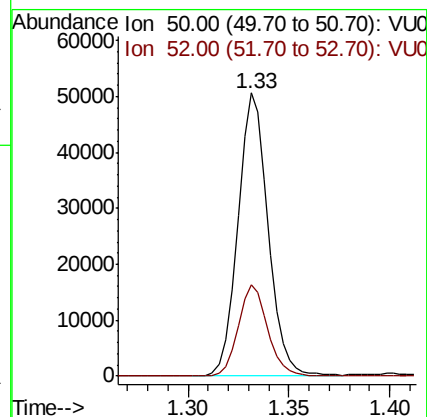
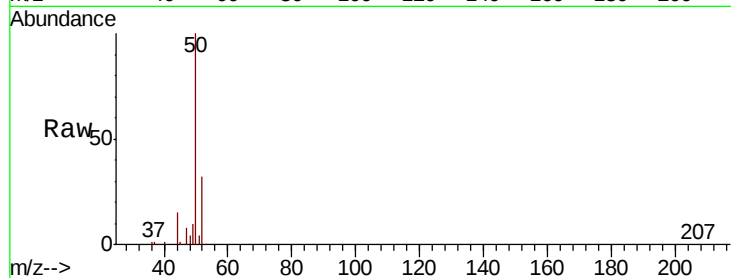
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 50 Resp: 53129

Ion Ratio Lower Upper

50 100

52 32.4 25.8 38.8



#4

Vinyl Chloride

Concen: 2.033 ug/l

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU030579.D

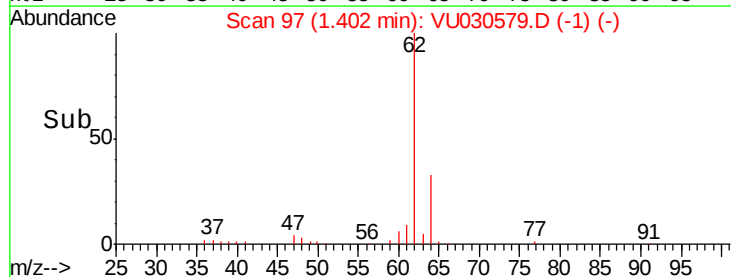
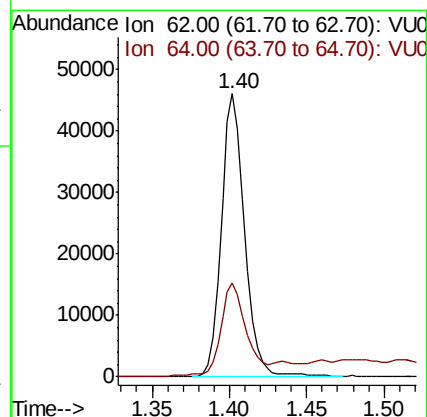
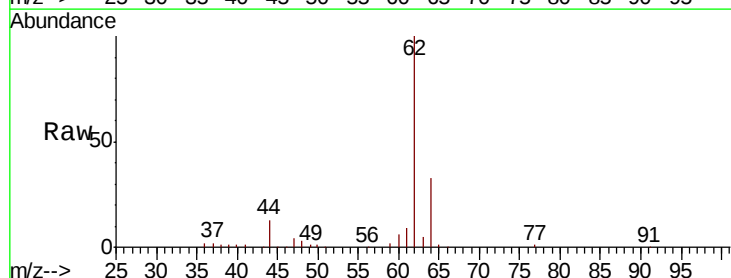
Acq: 30 Mar 2019 19:17

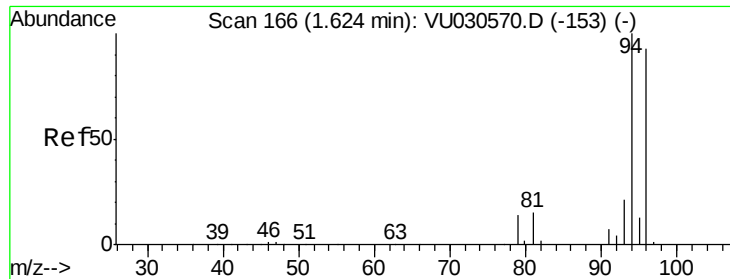
Tgt Ion: 62 Resp: 48285

Ion Ratio Lower Upper

62 100

64 32.2 25.1 37.7

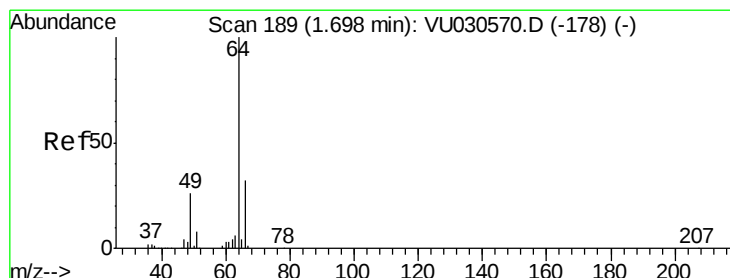
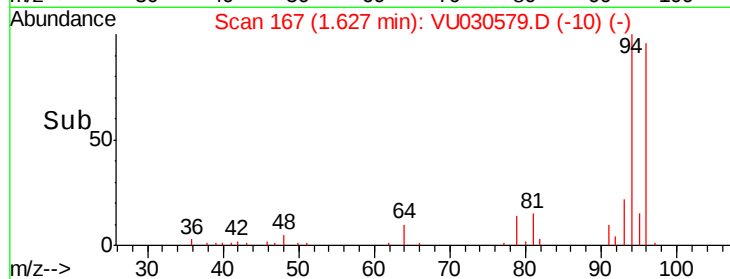
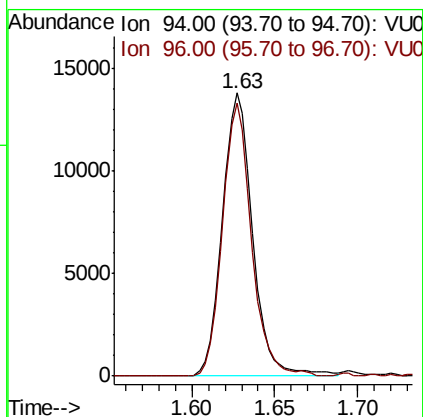
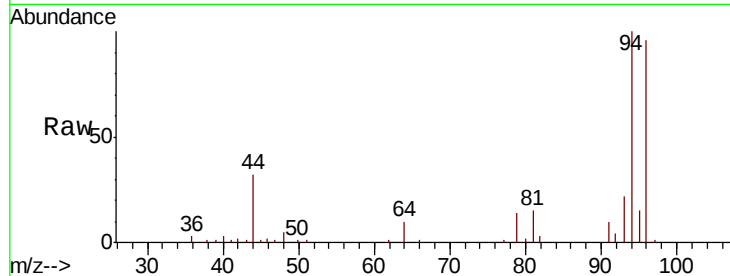




#5
Bromomethane
Concen: 1.705 ug/l
RT: 1.63 min Scan# 167
Delta R.T. 0.00 min
Lab File: VU030579.D
Acq: 30 Mar 2019 19:17

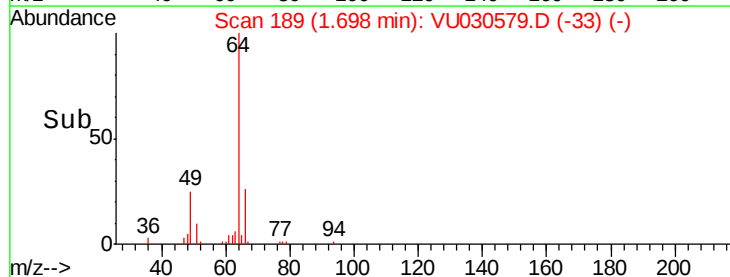
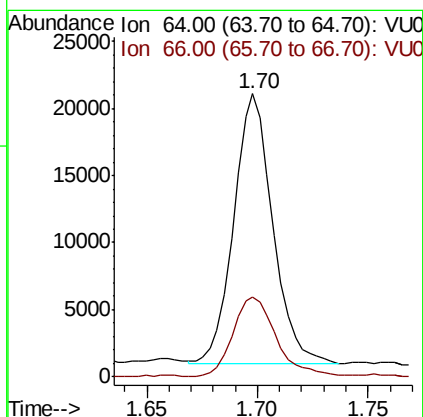
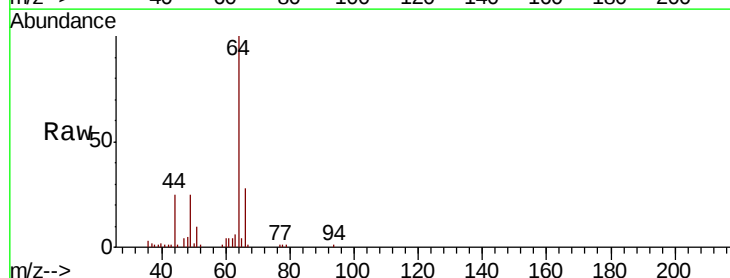
Instrument :
MSVOA_U
ClientSampleId :

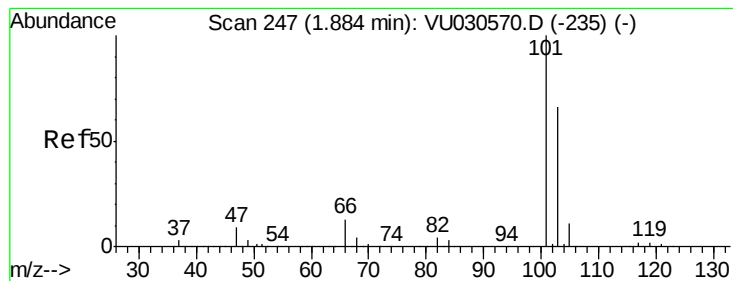
Tot Ion: 94 Resp: 17463
Ion Ratio Lower Upper
94 100
96 96.4 74.8 112.2



#6
Chloroethane
Concen: 1.810 ug/l
RT: 1.70 min Scan# 189
Delta R.T. 0.00 min
Lab File: VU030579.D
Acq: 30 Mar 2019 19:17

Tgt Ion: 64 Resp: 24793
Ion Ratio Lower Upper
64 100
66 29.7 25.5 38.3



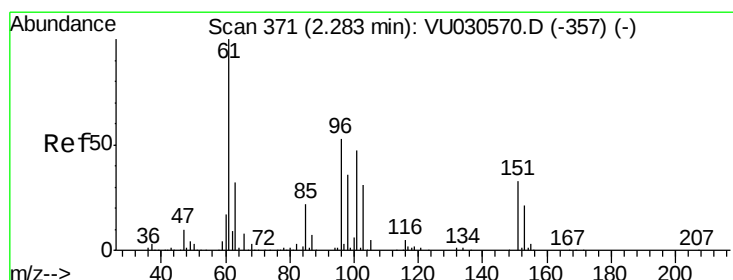
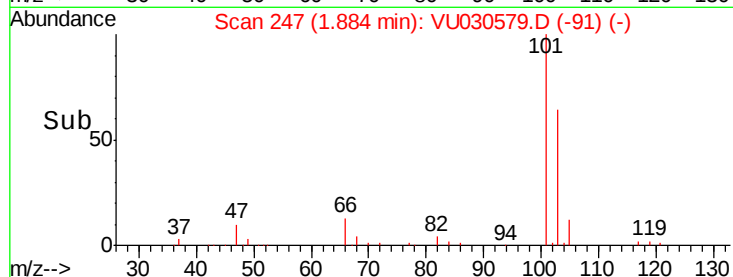
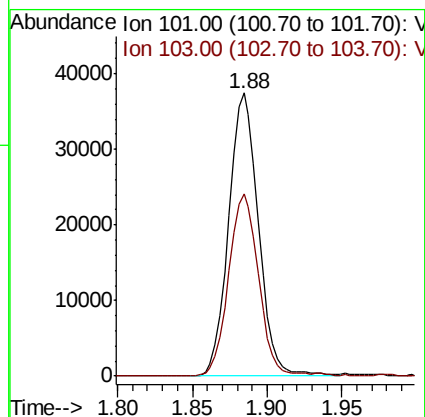
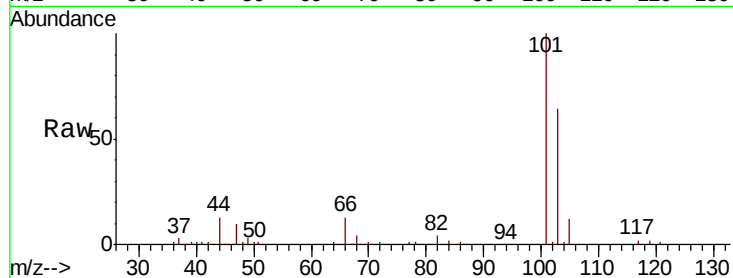


#7

Trichlorofluoromethane
Concen: 1.995 ug/l
RT: 1.88 min Scan# 247
Delta R.T. 0.00 min
Lab File: VU030579.D
Acq: 30 Mar 2019 19:17

Instrument :
MSVOA_U
ClientSampleId :

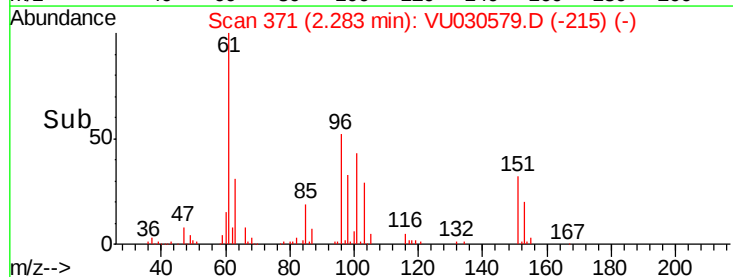
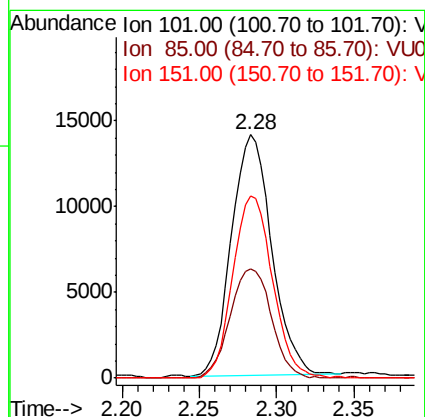
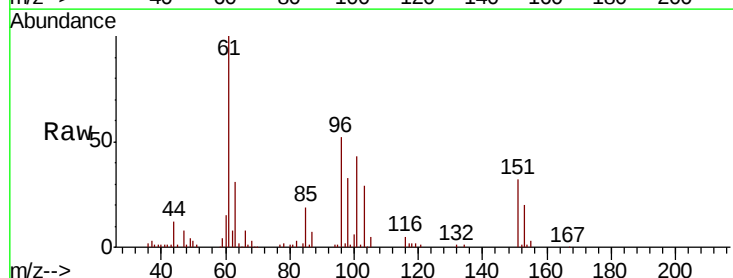
Tot Ion:101 Resp: 52060
Ion Ratio Lower Upper
101 100
103 64.3 52.6 79.0

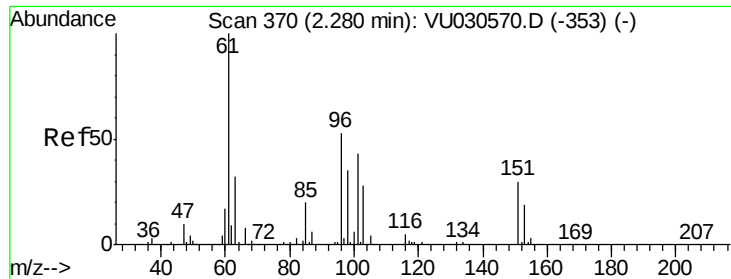


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.906 ug/l
RT: 2.28 min Scan# 371
Delta R.T. 0.00 min
Lab File: VU030579.D
Acq: 30 Mar 2019 19:17

Tgt Ion:101 Resp: 25257
Ion Ratio Lower Upper
101 100
85 46.6 36.5 54.7
151 74.9 56.5 84.7





#9

1,1-Dichloroethene

Concen: 1.988 ug/l

RT: 2.28 min Scan# 371

Delta R.T. 0.00 min

Lab File: VU030579.D

Acq: 30 Mar 2019 19:17

Instrument :

MSVOA_U

ClientSampled :

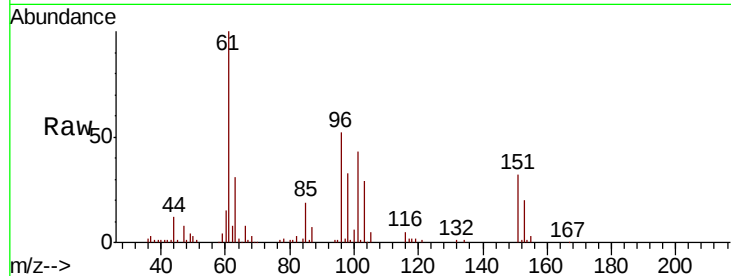
Tot Ion: 96 Resp: 26510

Ion Ratio Lower Upper

96 100

61 192.7 0.0 567.0

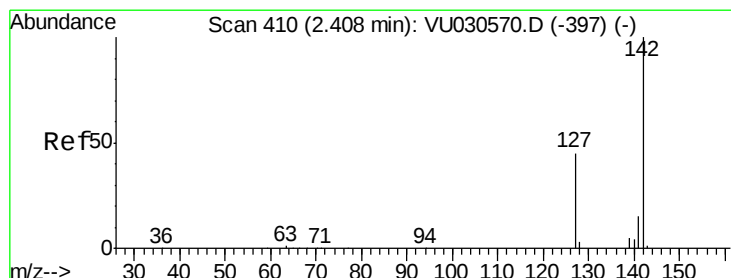
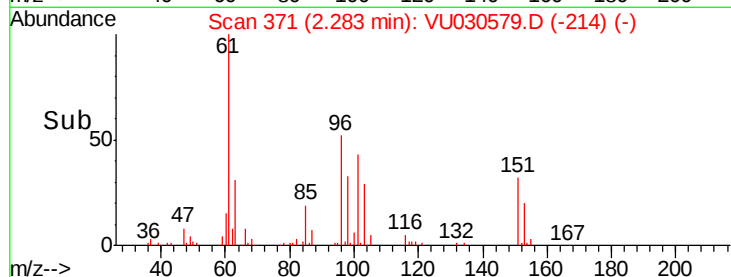
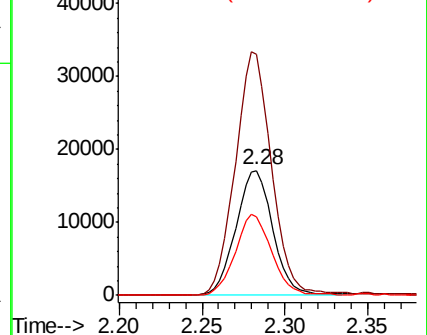
98 62.7 0.0 132.2



Abundance Ion 96.00 (95.70 to 96.70): VU030579.D (-214) (-)

Ion 61.00 (60.70 to 61.70): VU030579.D (-214) (-)

Ion 98.00 (97.70 to 98.70): VU030579.D (-214) (-)



#10

Iodomethane

Concen: 0.983 ug/l

RT: 2.41 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU030579.D

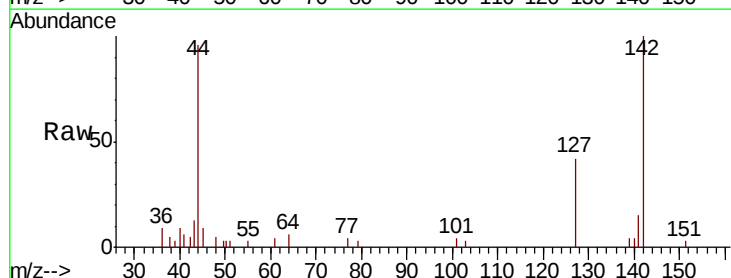
Acq: 30 Mar 2019 19:17

Tgt Ion: 142 Resp: 6691

Ion Ratio Lower Upper

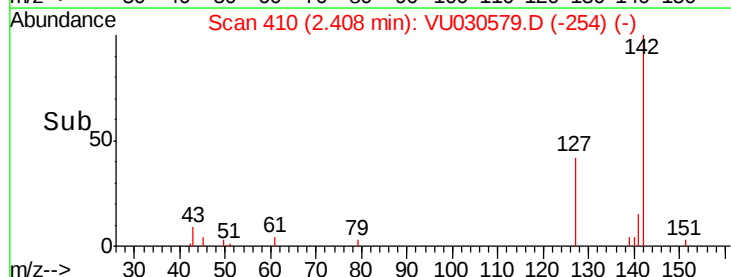
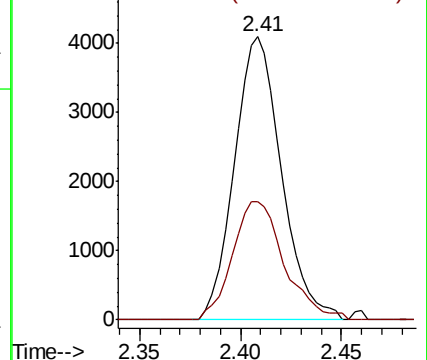
142 100

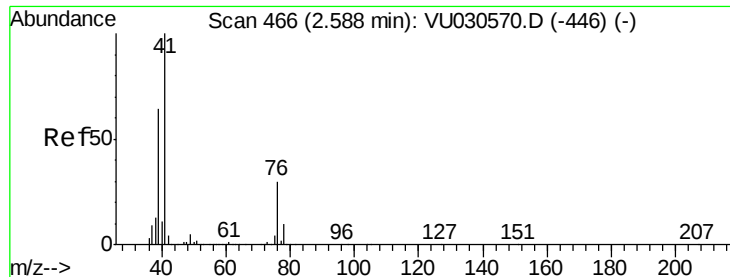
127 45.8 36.8 55.2



Abundance Ion 142.00 (141.70 to 142.70): VU030579.D (-254) (-)

Ion 127.00 (126.70 to 127.70): VU030579.D (-254) (-)

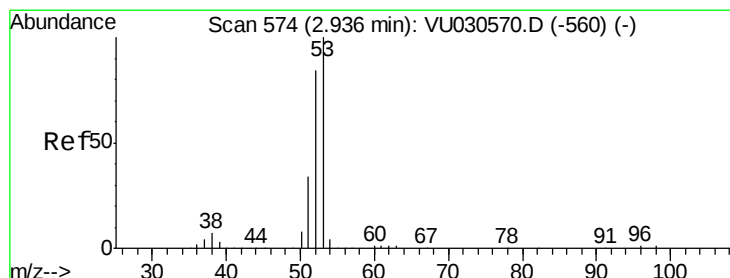
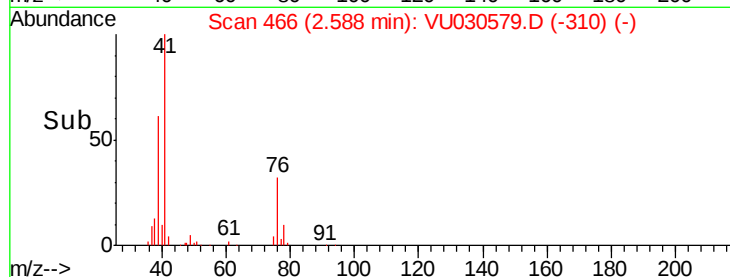
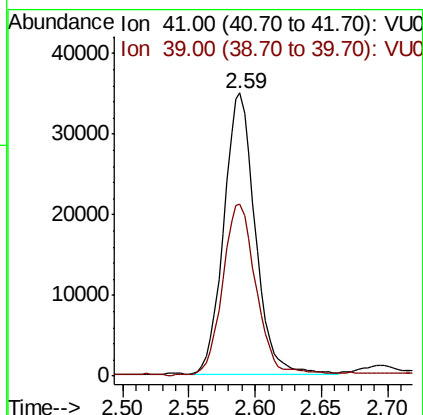
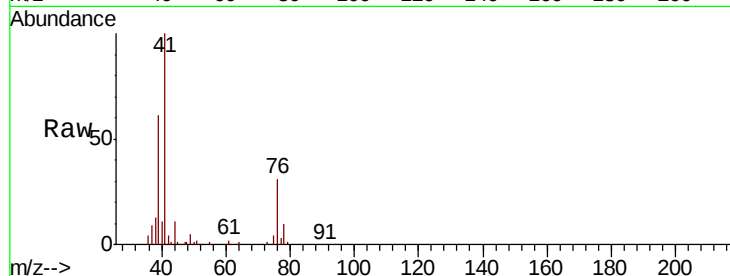




#11
Allvl Chloride
Concen: 1.970 ug/l
RT: 2.59 min Scan# 466
Delta R.T. 0.00 min
Lab File: VU030579.D
Acq: 30 Mar 2019 19:17

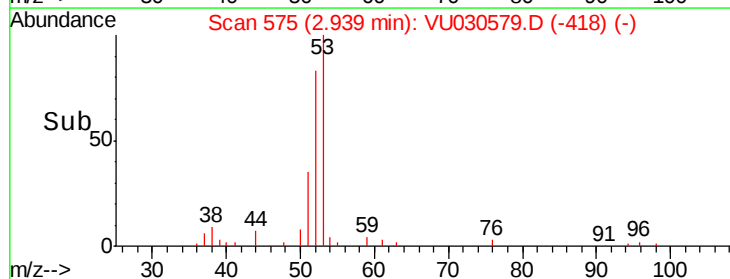
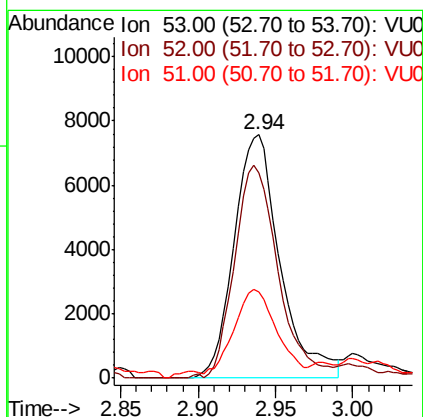
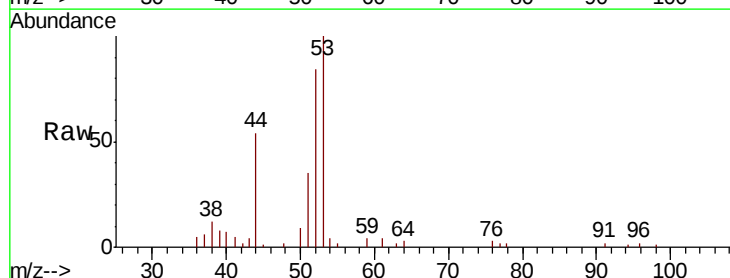
Instrument :
MSVOA_U
ClientSampleId :

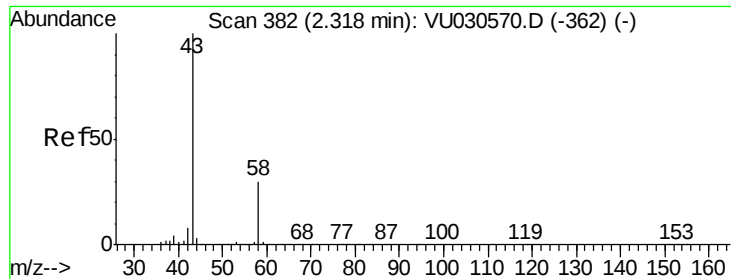
Tot Ion: 41 Resp: 57245
Ion Ratio Lower Upper
41 100
39 65.0 51.8 77.6



#12
Acrylonitrile
Concen: 4.134 ug/l
RT: 2.94 min Scan# 575
Delta R.T. 0.00 min
Lab File: VU030579.D
Acq: 30 Mar 2019 19:17

Tgt Ion: 53 Resp: 15662
Ion Ratio Lower Upper
53 100
52 83.0 69.1 103.7
51 31.3 27.9 41.9





#13

Acetone

Concen: 9.525 ug/l

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030579.D

Acq: 30 Mar 2019 19:17

Instrument :

MSVOA_U

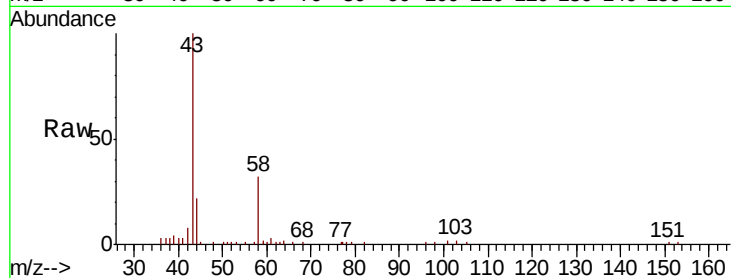
ClientSampled :

Tot Ion: 43 Resp: 33806

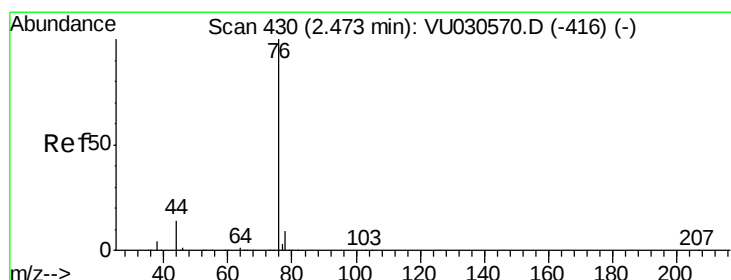
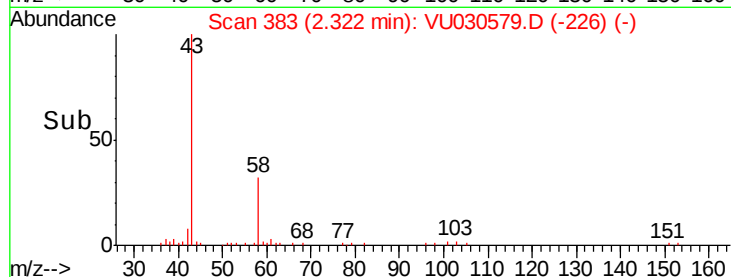
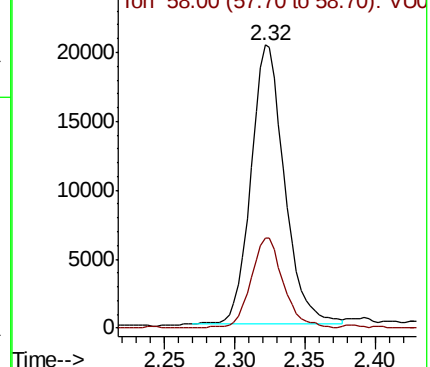
Ion Ratio Lower Upper

43 100

58 32.4 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VU030579.D (-226) (-)



#14

Carbon Disulfide

Concen: 1.985 ug/l

RT: 2.47 min Scan# 430

Delta R.T. 0.00 min

Lab File: VU030579.D

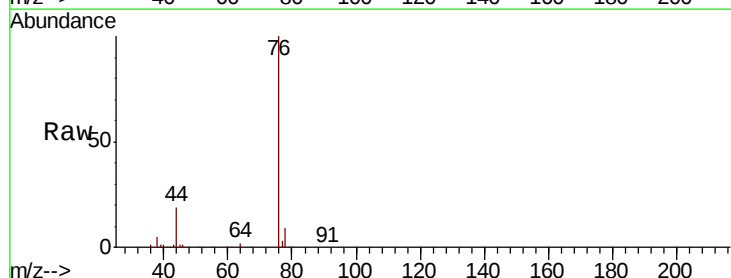
Acq: 30 Mar 2019 19:17

Tgt Ion: 76 Resp: 96741

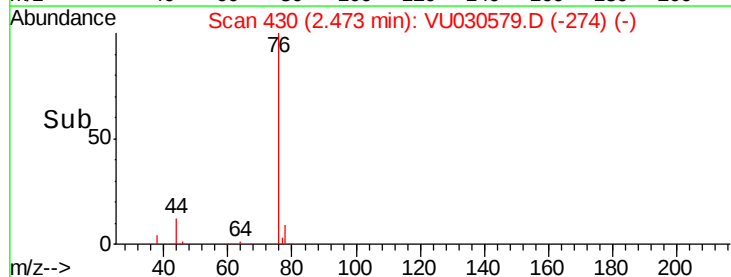
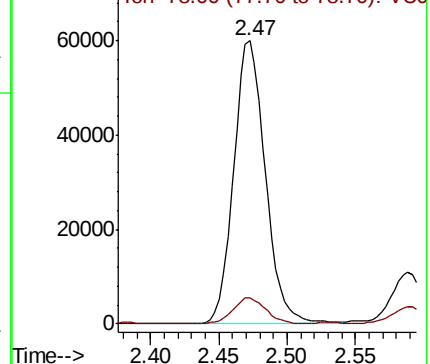
Ion Ratio Lower Upper

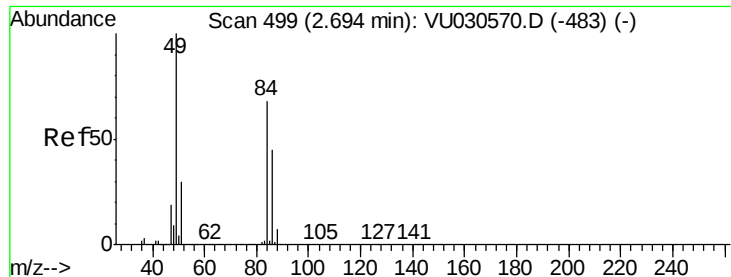
76 100

78 9.1 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VU030579.D (-274) (-)

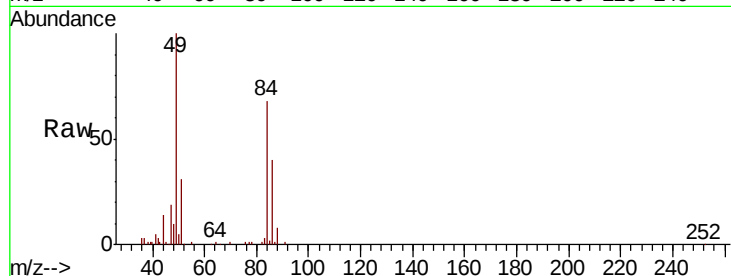




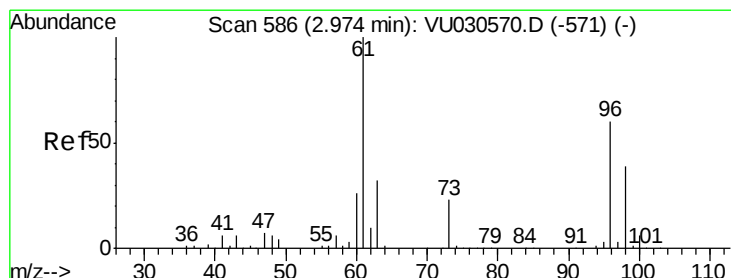
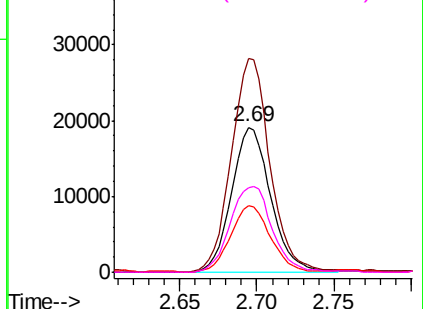
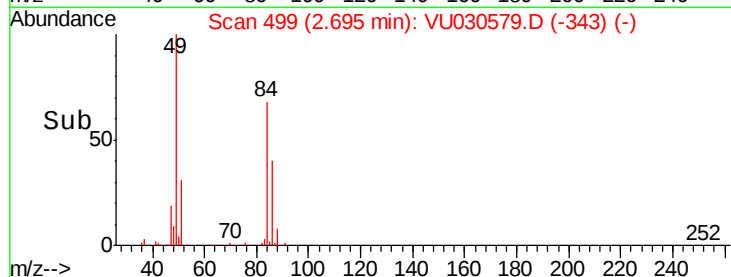
#15
Methvlene Chloride
Concen: 1.985 ug/l
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU030579.D
Acq: 30 Mar 2019 19:17

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 33573
Ion Ratio Lower Upper
84 100
49 147.3 117.0 175.6
51 46.1 0.0 88.6
86 58.4 52.2 78.2

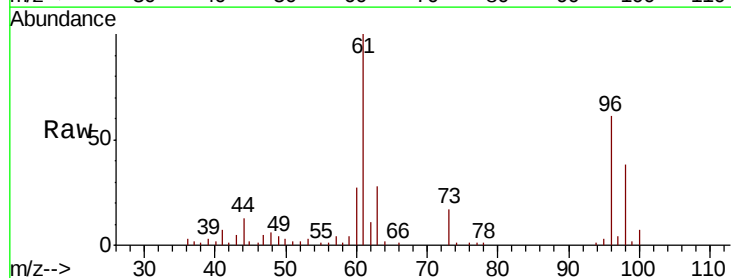


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 49.00 (48.70 to 49.70): VU0
Ion 51.00 (50.70 to 51.70): VU0
Ion 86.00 (85.70 to 86.70): VU0

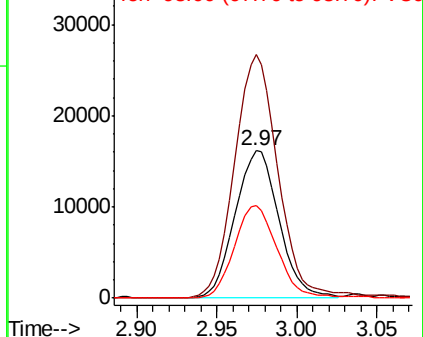
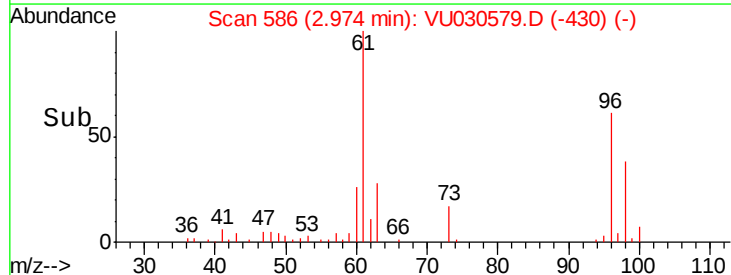


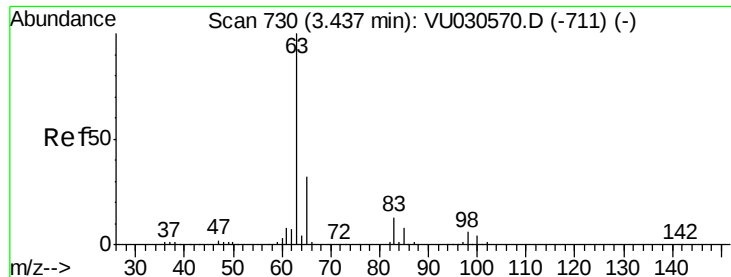
#16
trans-1,2-Dichloroethene
Concen: 2.008 ug/l
RT: 2.97 min Scan# 586
Delta R.T. 0.00 min
Lab File: VU030579.D
Acq: 30 Mar 2019 19:17

Tgt Ion: 96 Resp: 30265
Ion Ratio Lower Upper
96 100
61 165.1 132.3 198.5
98 63.1 51.3 76.9



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

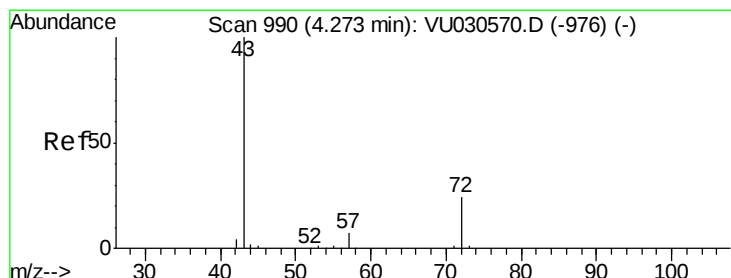
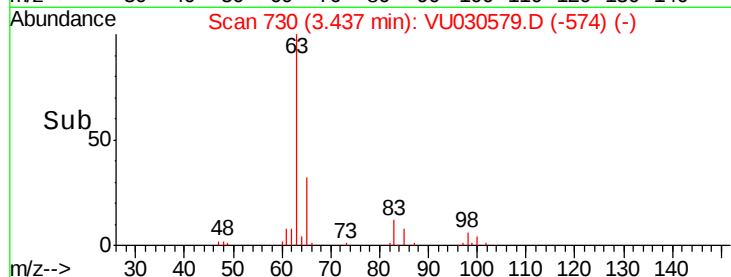
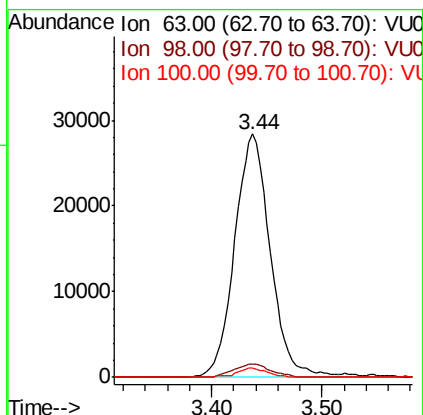
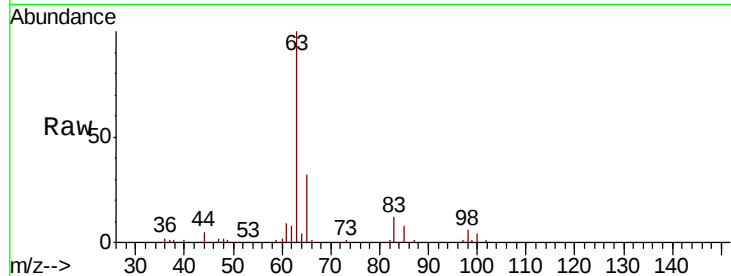




#17
 1,1-Dichloroethane
 Concen: 2.073 ug/l
 RT: 3.44 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: VU030579.D
 Acq: 30 Mar 2019 19:17

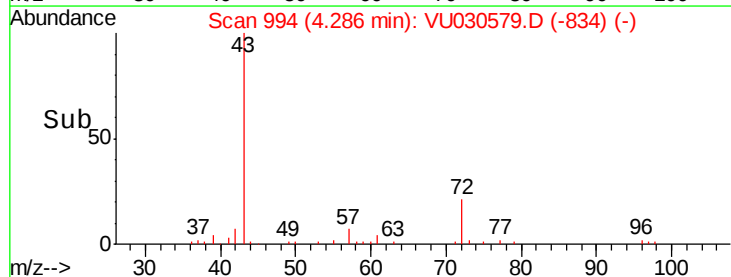
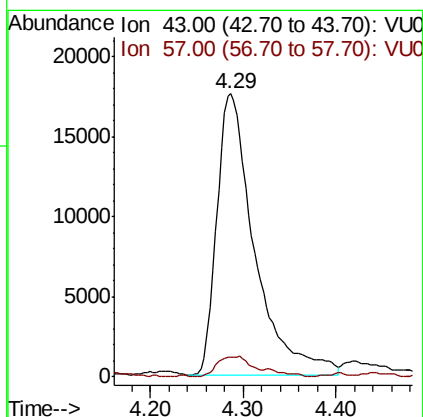
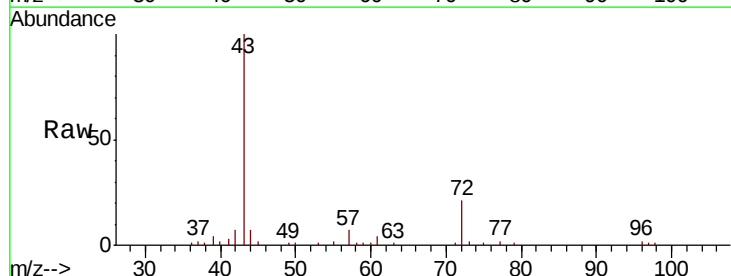
Instrument :
 MSVOA_U
 ClientSampleId :

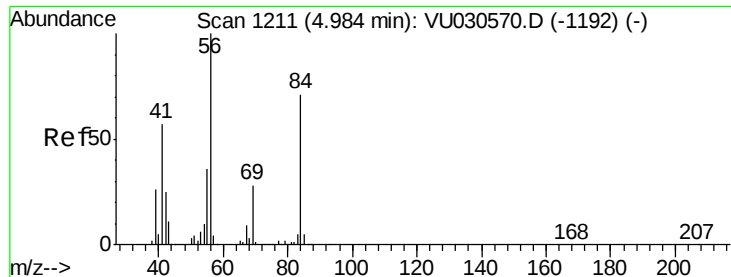
Tot Ion: 63 Resp: 63439
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.0 9.0
 100 3.7 1.8 5.5



#18
 2-Butanone
 Concen: 10.841 ug/l
 RT: 4.29 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VU030579.D
 Acq: 30 Mar 2019 19:17

Tgt Ion: 43 Resp: 49741
 Ion Ratio Lower Upper
 43 100
 57 7.1 0.0 14.4

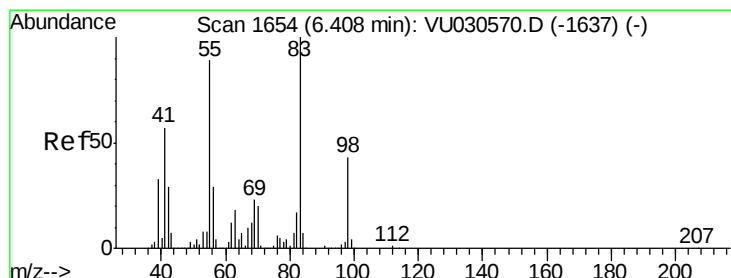
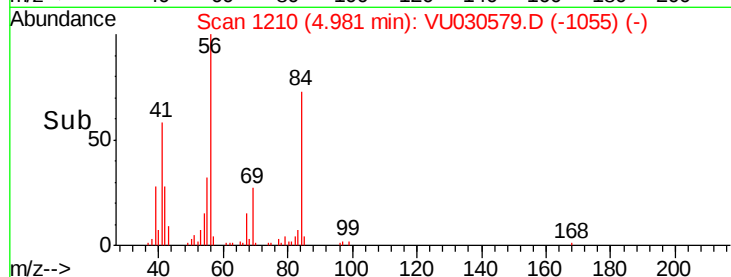
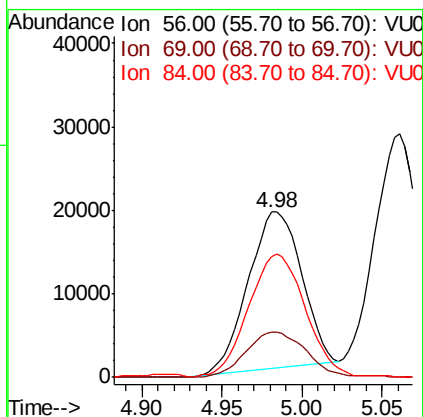
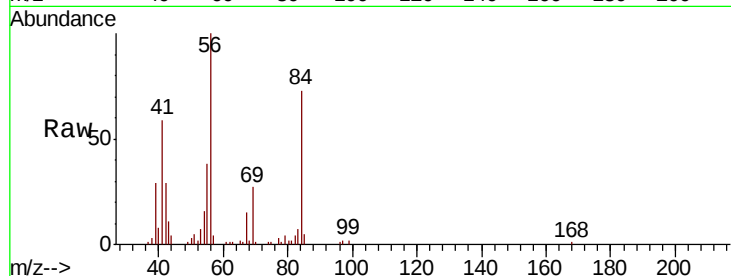




#19
Cyclohexane
Concen: 1.677 ug/l
RT: 4.98 min Scan# 1210
Delta R.T. -0.00 min
Lab File: VU030579.D
Acq: 30 Mar 2019 19:17

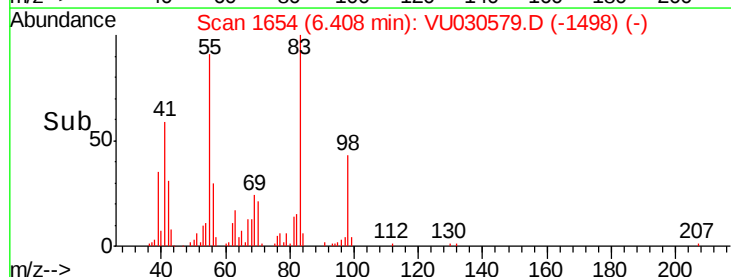
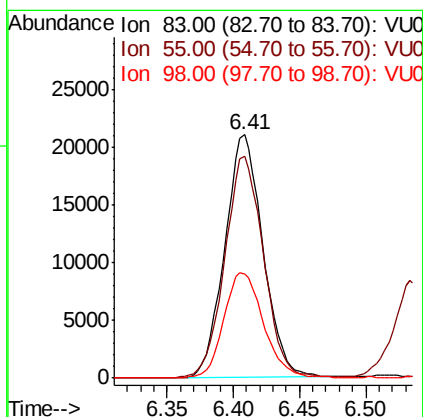
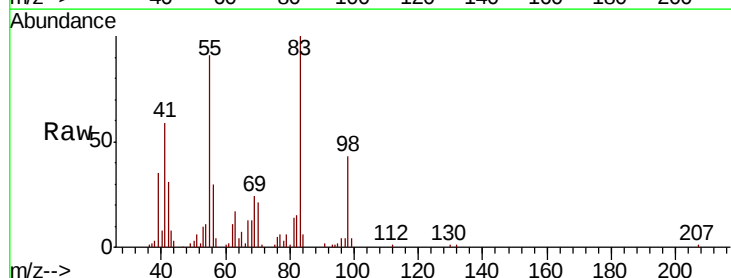
Instrument :
MSVOA_U
ClientSampleId :

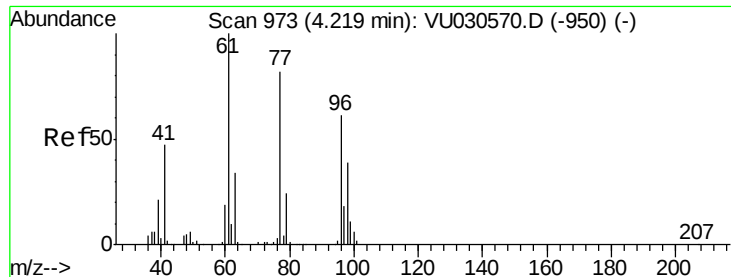
Tot Ion: 56 Resp: 43294
Ion Ratio Lower Upper
56 100
69 31.4 22.3 33.5
84 83.5 57.6 86.4



#20
Methylcyclohexane
Concen: 1.859 ug/l
RT: 6.41 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VU030579.D
Acq: 30 Mar 2019 19:17

Tgt Ion: 83 Resp: 42091
Ion Ratio Lower Upper
83 100
55 92.0 72.0 108.0
98 44.2 35.0 52.4





#21

2,2-Dichloropropane

Concen: 1.697 ug/l

RT: 4.22 min Scan# 973

Delta R.T. 0.00 min

Lab File: VU030579.D

Acq: 30 Mar 2019 19:17

Instrument :

MSVOA_U

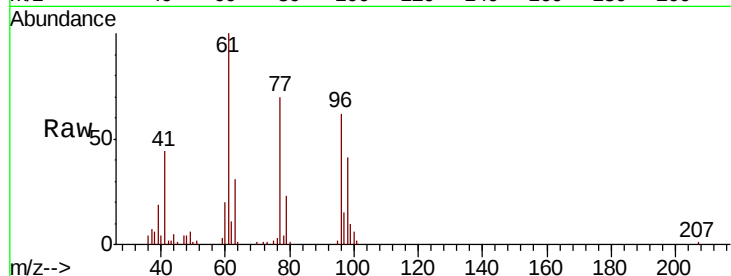
ClientSampleId :

Tot Ion: 77 Resp: 39895

Ion Ratio Lower Upper

77 100

97 21.6 17.6 26.4



Abundance Ion 77.00 (76.70 to 77.70): VU030579.D (-817) (-)

Ion 97.00 (96.70 to 97.70): VU030579.D (-817) (-)

4.22

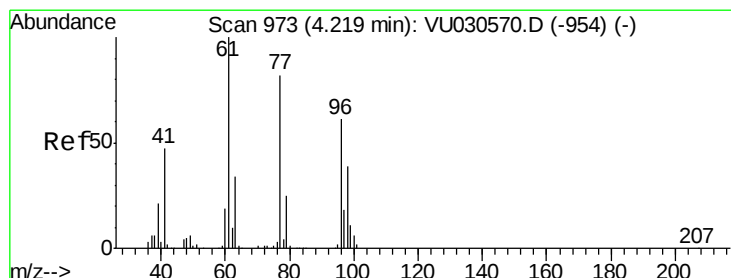
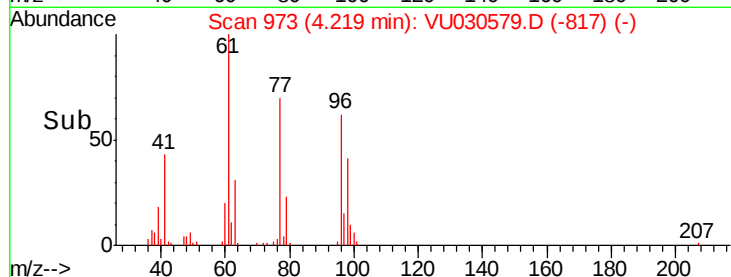
15000

10000

5000

0

Time--> 4.10 4.20 4.30



#22

cis-1,2-Dichloroethene

Concen: 2.010 ug/l

RT: 4.22 min Scan# 973

Delta R.T. 0.00 min

Lab File: VU030579.D

Acq: 30 Mar 2019 19:17

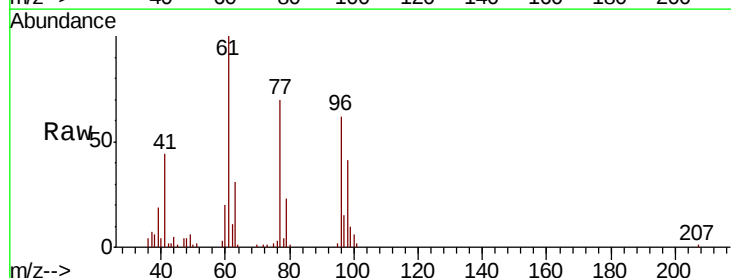
Tgt Ion: 96 Resp: 32518

Ion Ratio Lower Upper

96 100

61 161.3 0.0 427.0

98 63.3 32.5 97.4



Abundance Ion 96.00 (95.70 to 96.70): VU030579.D (-817) (-)

Ion 61.00 (60.70 to 61.70): VU030579.D (-817) (-)

Ion 98.00 (97.70 to 98.70): VU030579.D (-817) (-)

4.22

25000

20000

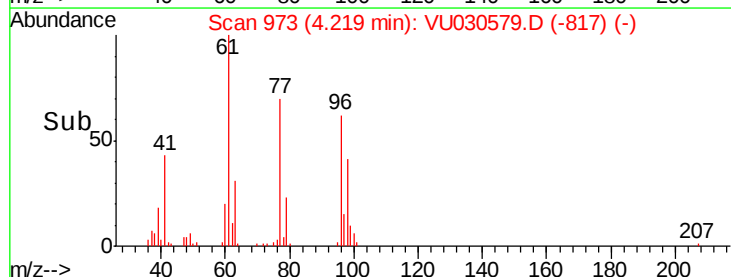
15000

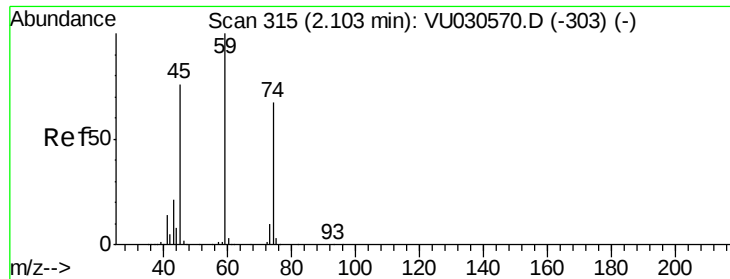
10000

5000

0

Time--> 4.10 4.20 4.30

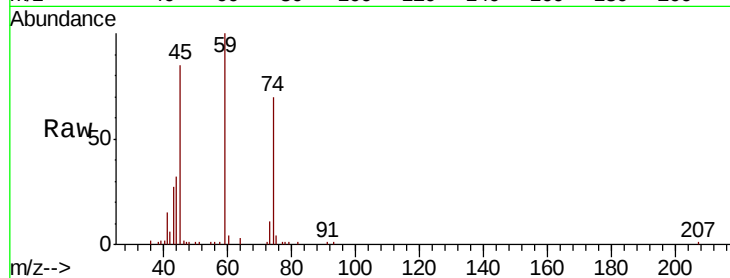




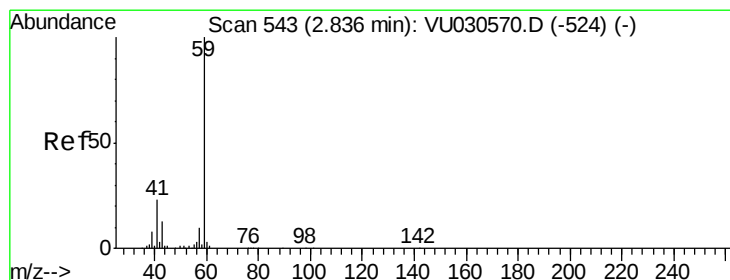
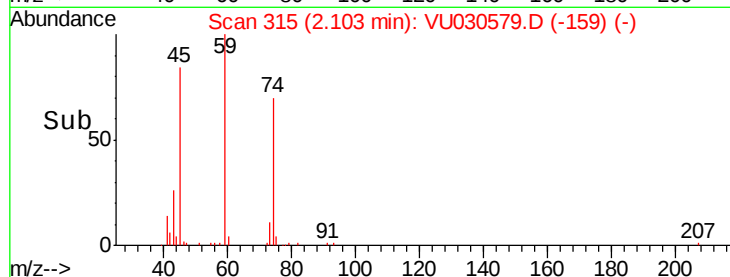
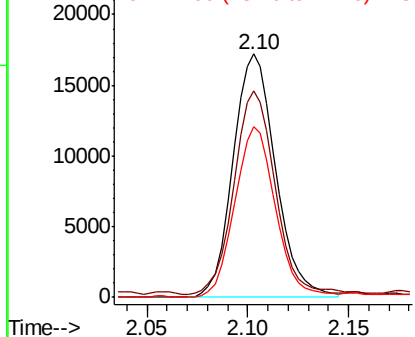
#23
Diethyl Ether
Concen: 2.013 ug/l
RT: 2.10 min Scan# 315
Delta R.T. 0.00 min
Lab File: VU030579.D
Acq: 30 Mar 2019 19:17

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 59 Resp: 25519
Ion Ratio Lower Upper
59 100
45 81.2 61.6 92.4
74 67.1 53.2 79.8

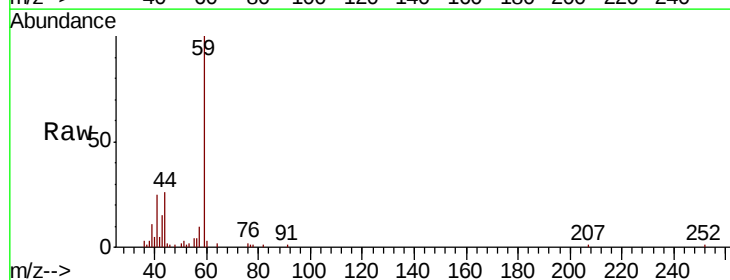


Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

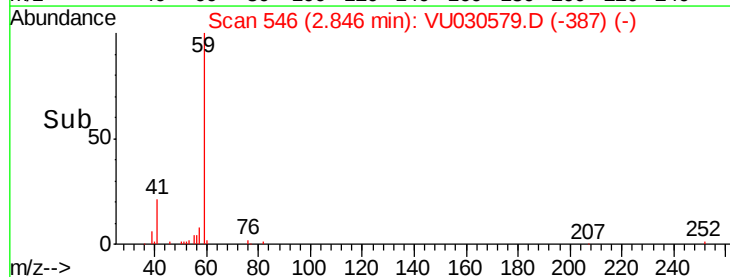
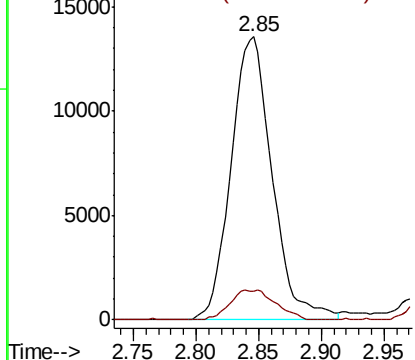


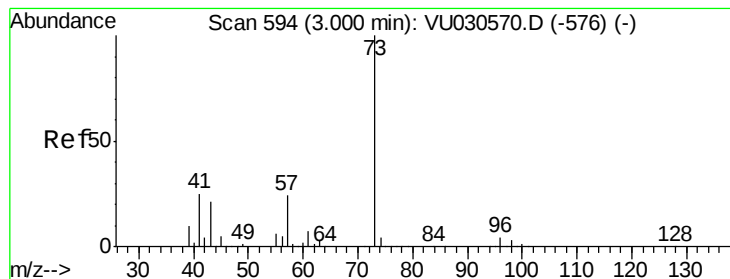
#24
tert-Butyl Alcohol
Concen: 23.553 ug/l
RT: 2.85 min Scan# 546
Delta R.T. 0.01 min
Lab File: VU030579.D
Acq: 30 Mar 2019 19:17

Tgt Ion: 59 Resp: 30908
Ion Ratio Lower Upper
59 100
57 5.3 8.4 12.6#



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



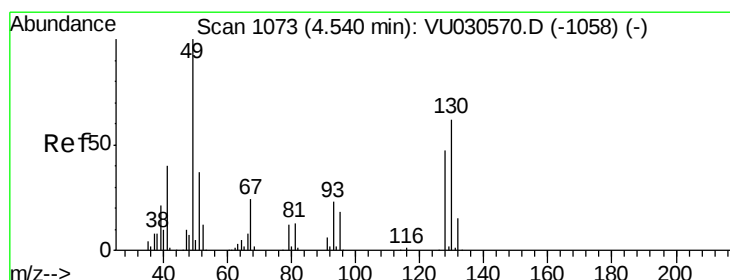
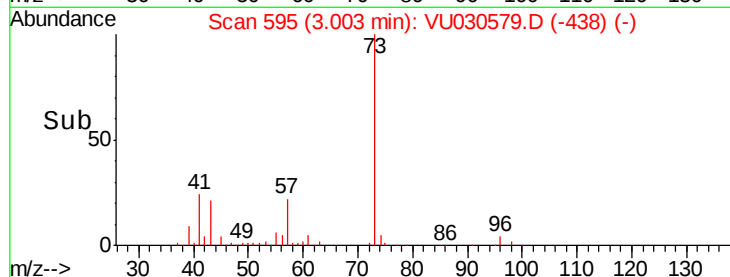
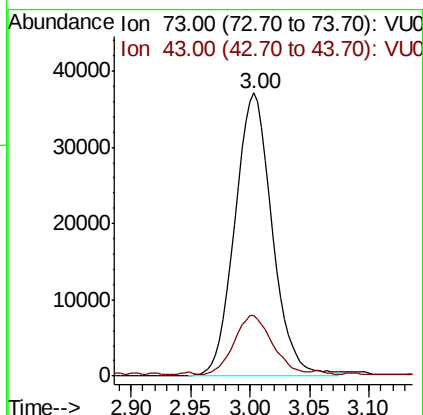
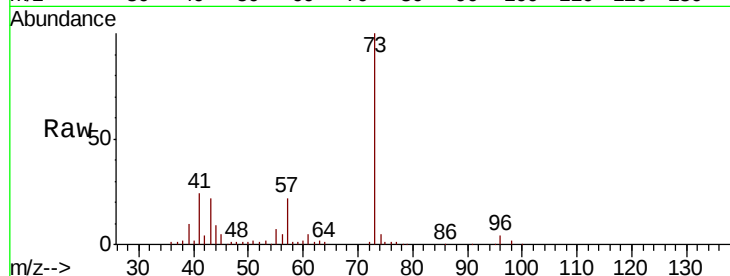


#25

Methyl tert-Butyl Ether
 Concen: 2.090 ug/l
 RT: 3.00 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: VU030579.D
 Acq: 30 Mar 2019 19:17

Instrument :
 MSVOA_U
 ClientSampleId :

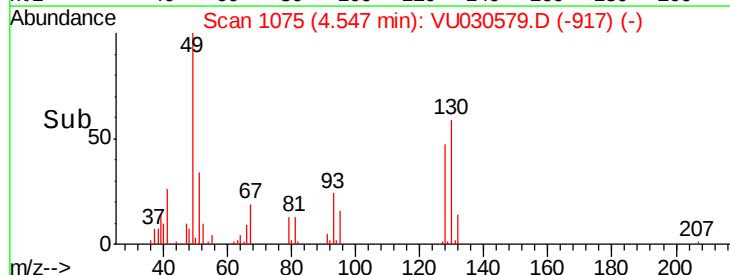
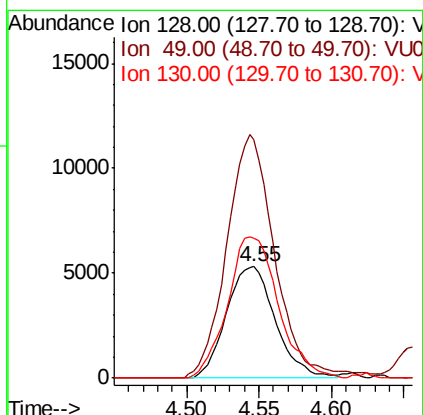
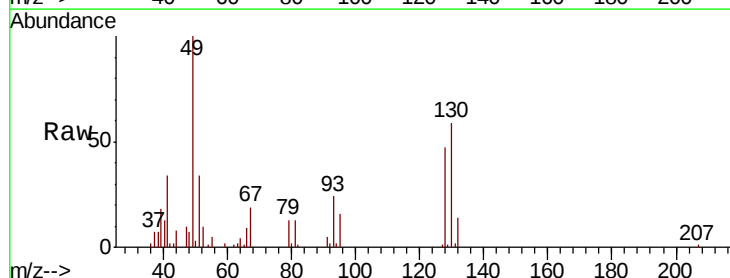
Tot Ion: 73 Resp: 80720
 Ion Ratio Lower Upper
 73 100
 43 21.0 16.6 24.8

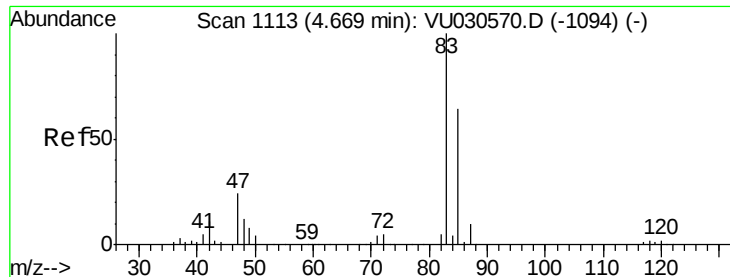


#26

Bromochloromethane
 Concen: 1.973 ug/l
 RT: 4.55 min Scan# 1075
 Delta R.T. 0.01 min
 Lab File: VU030579.D
 Acq: 30 Mar 2019 19:17

Tgt Ion: 128 Resp: 12500
 Ion Ratio Lower Upper
 128 100
 49 213.0 0.0 418.2
 130 131.4 103.4 155.0

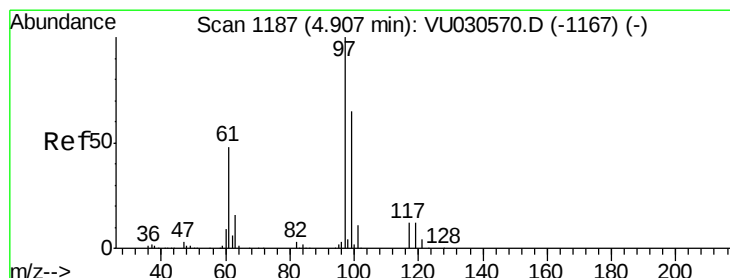
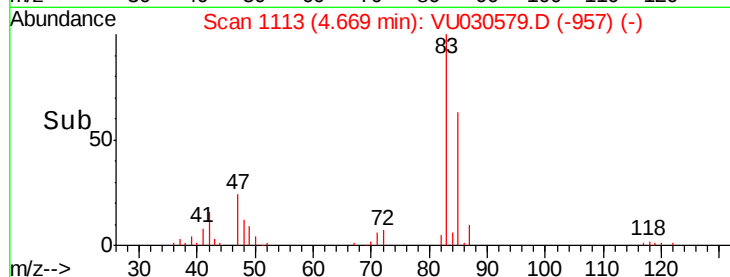
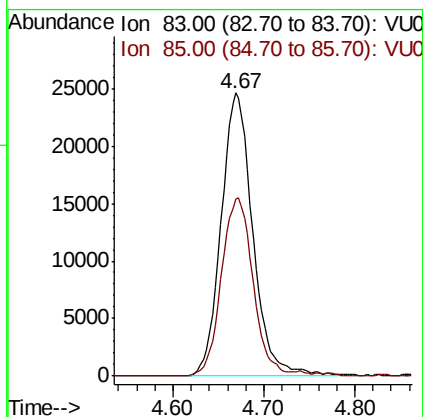
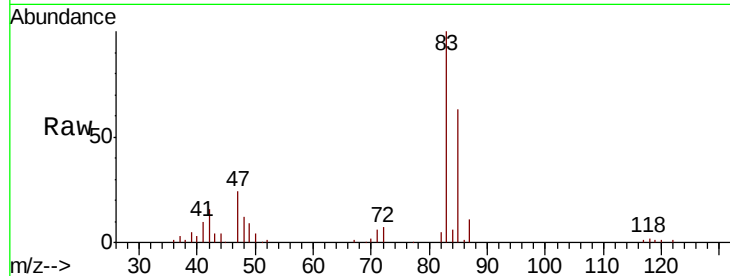




#27
Chloroform
Concen: 2.082 ug/l
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU030579.D
Acq: 30 Mar 2019 19:17

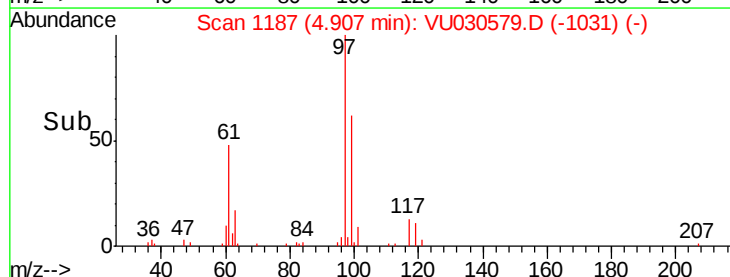
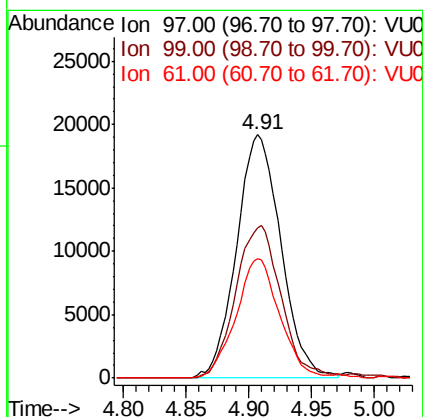
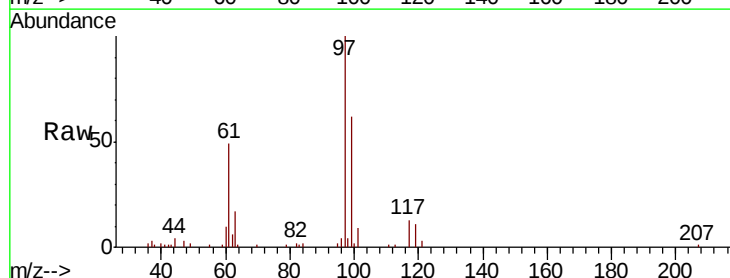
Instrument :
MSVOA_U
ClientSampled :

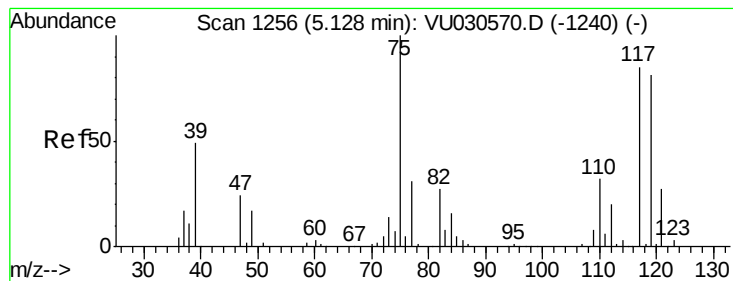
Tot Ion: 83 Resp: 59501
Ion Ratio Lower Upper
83 100
85 62.5 0.0 128.4



#28
1,1,1-Trichloroethane
Concen: 2.003 ug/l
RT: 4.91 min Scan# 1187
Delta R.T. 0.00 min
Lab File: VU030579.D
Acq: 30 Mar 2019 19:17

Tgt Ion: 97 Resp: 47254
Ion Ratio Lower Upper
97 100
99 64.1 32.0 96.0
61 48.2 24.0 72.0





#29

1,1-Dichloropropene

Concen: 1.955 ug/l

RT: 5.13 min Scan# 1256

Delta R.T. 0.00 min

Lab File: VU030579.D

Acq: 30 Mar 2019 19:17

Instrument :

MSVOA_U

ClientSampled :

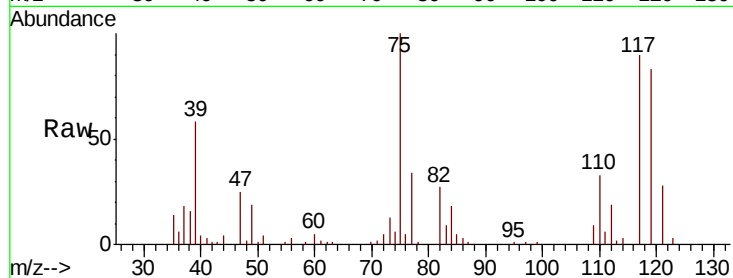
Tot Ion: 75 Resp: 41374

Ion Ratio Lower Upper

75 100

110 32.5 16.0 48.0

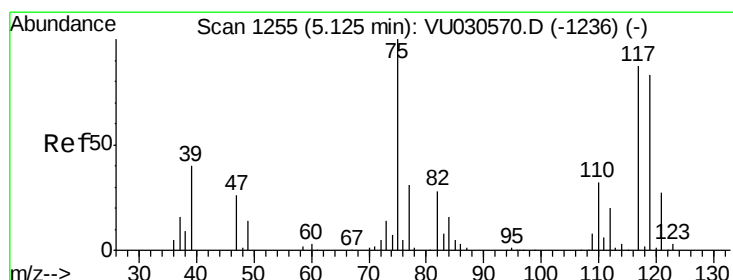
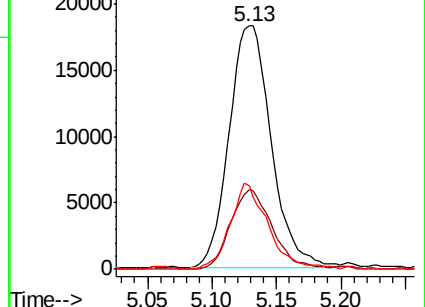
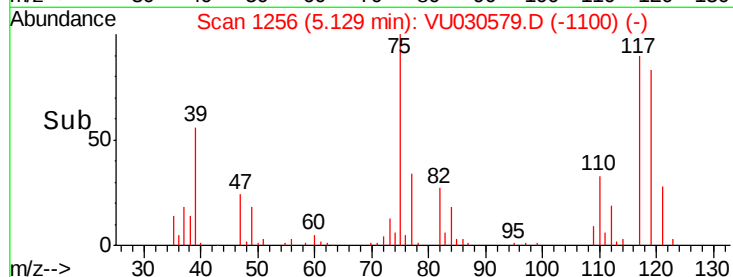
77 32.1 24.8 37.2



Abundance Ion 75.00 (74.70 to 75.70): VU030570.D (-1240) (-)

Ion 110.00 (109.70 to 110.70): VU030570.D (-1240) (-)

Ion 77.00 (76.70 to 77.70): VU030570.D (-1240) (-)



#30

Carbon Tetrachloride

Concen: 1.993 ug/l

RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VU030579.D

Acq: 30 Mar 2019 19:17

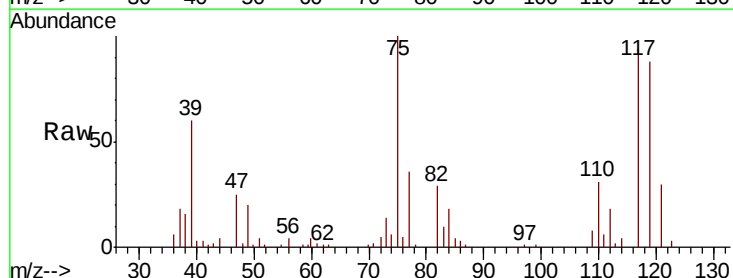
Tgt Ion: 117 Resp: 39251

Ion Ratio Lower Upper

117 100

119 93.7 76.4 114.6

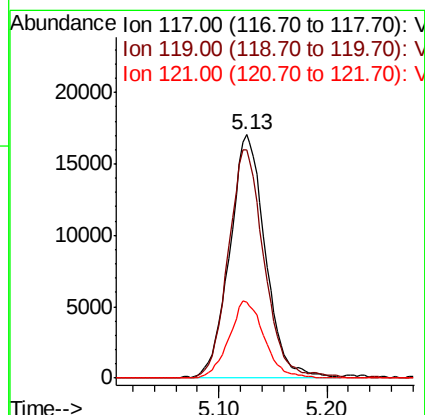
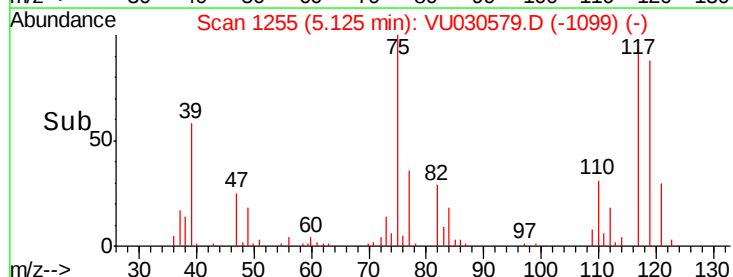
121 31.4 24.7 37.1

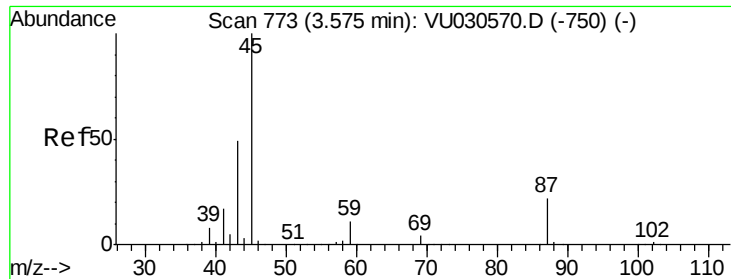


Abundance Ion 117.00 (116.70 to 117.70): VU030570.D (-1236) (-)

Ion 119.00 (118.70 to 119.70): VU030570.D (-1236) (-)

Ion 121.00 (120.70 to 121.70): VU030570.D (-1236) (-)





#31

Isopropyl Ether

Concen: 1.988 ug/l

RT: 3.58 min Scan# 773

Delta R.T. 0.00 min

Lab File: VU030579.D

Acq: 30 Mar 2019 19:17

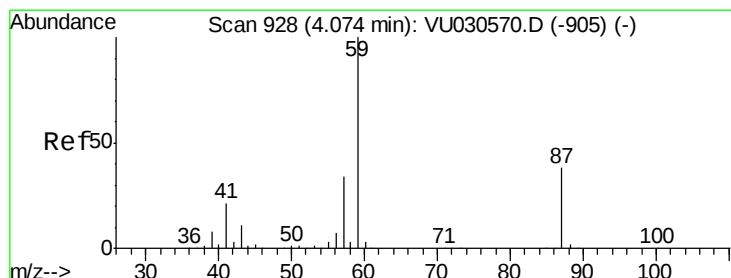
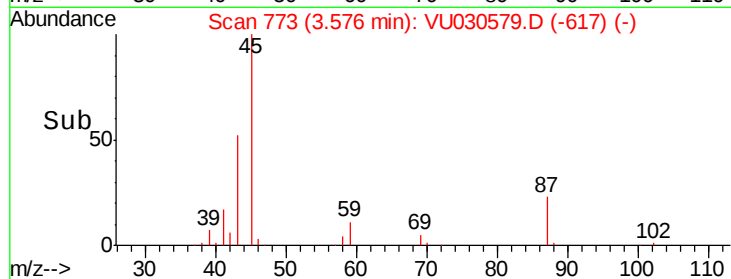
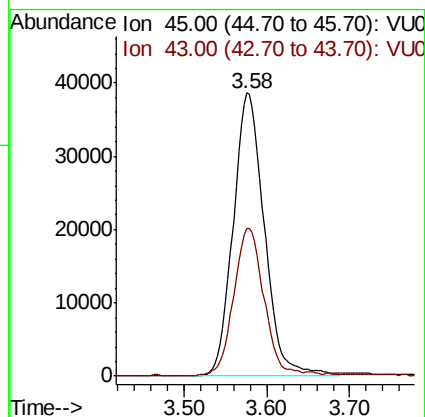
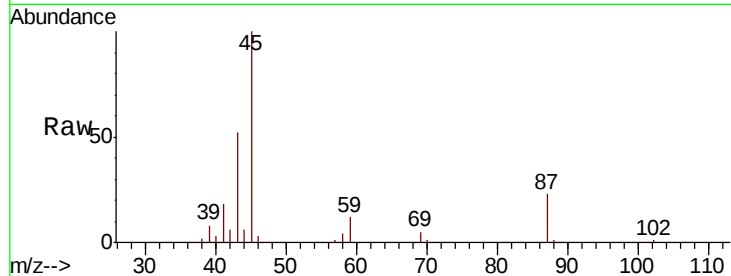
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 45 Resp: 101322

Ion Ratio Lower Upper

45 100

43 50.6 25.0 75.0



#32

Ethyl-t-butyl ether

Concen: 1.918 ug/l

RT: 4.08 min Scan# 929

Delta R.T. 0.00 min

Lab File: VU030579.D

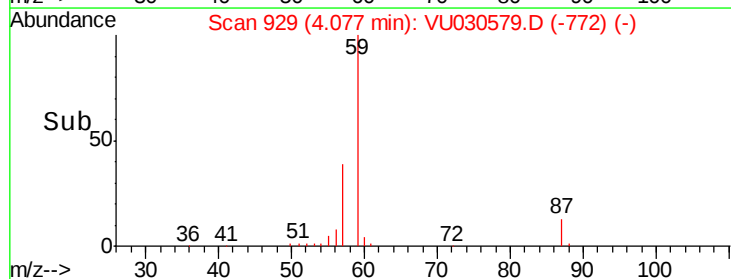
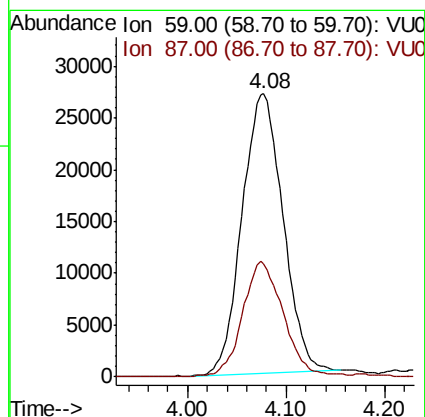
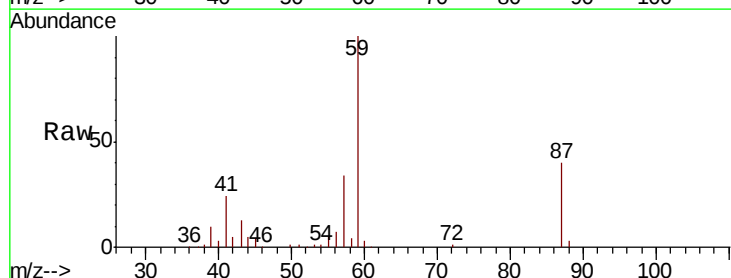
Acq: 30 Mar 2019 19:17

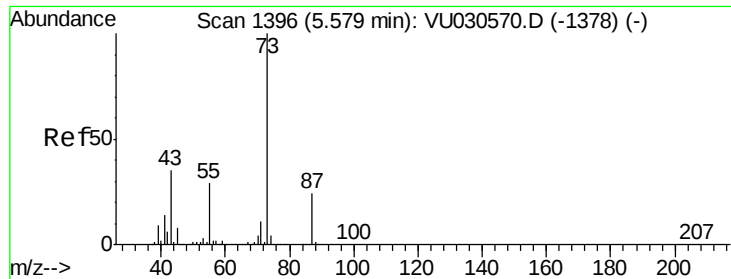
Tgt Ion: 59 Resp: 77827

Ion Ratio Lower Upper

59 100

87 40.1 30.1 45.1

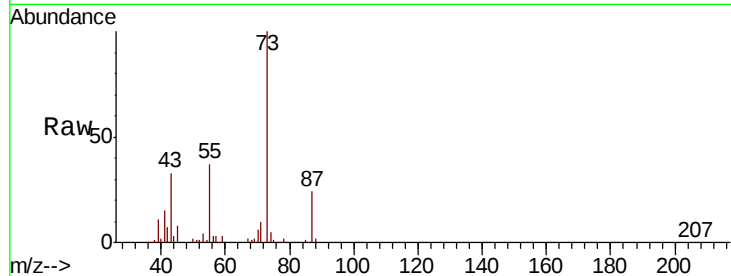




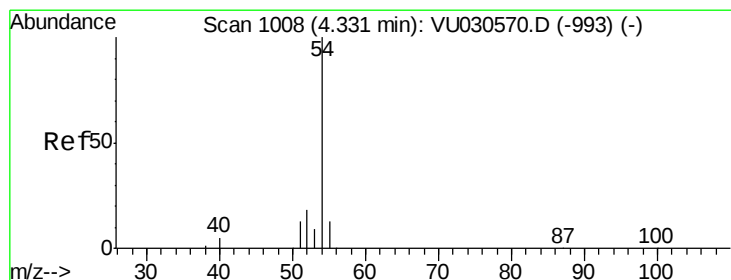
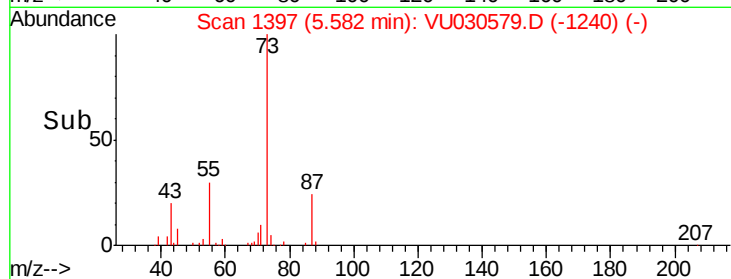
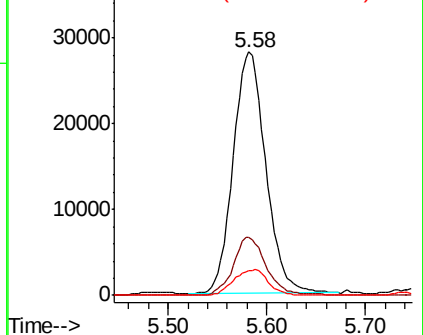
#33
Tert-Butyl methyl ether
Concen: 1.991 ug/l
RT: 5.58 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VU030579.D
Acq: 30 Mar 2019 19:17

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	73	Resp	64705
Ion	Ratio	Lower	Upper
73	100		
87	23.2	18.6	27.8
71	11.1	9.0	13.4

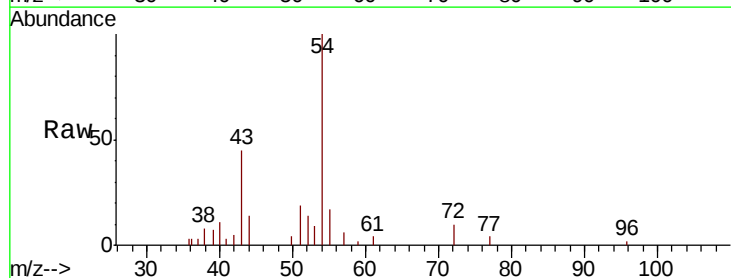


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

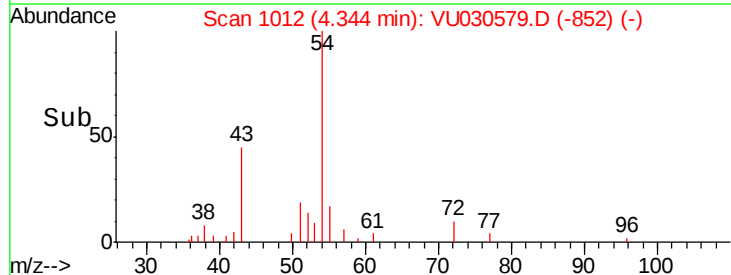
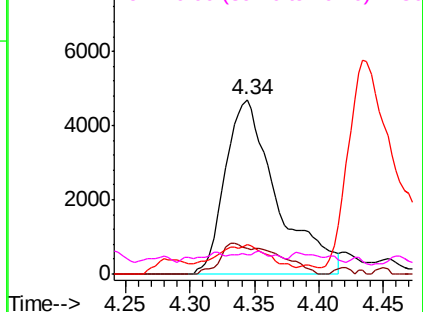


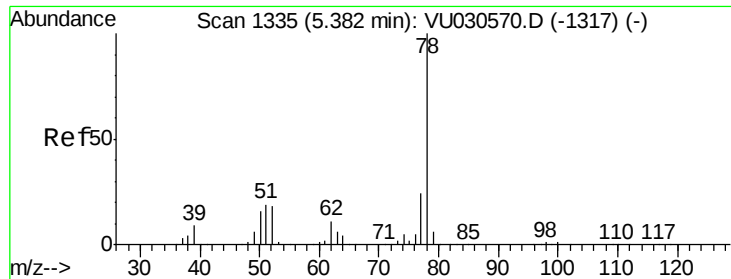
#34
Propionitrile
Concen: 10.477 ug/l
RT: 4.34 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VU030579.D
Acq: 30 Mar 2019 19:17

Tgt Ion	54	Resp	13069
Ion	Ratio	Lower	Upper
54	100		
52	9.7	14.1	21.1#
55	13.8	10.4	15.6
40	1.3	1.8	2.8#



Abundance Ion 54.00 (53.70 to 54.70): VU0
Ion 52.00 (51.70 to 52.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 40.00 (39.70 to 40.70): VU0





#35

Benzene

Concen: 2.007 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VU030579.D

Acq: 30 Mar 2019 19:17

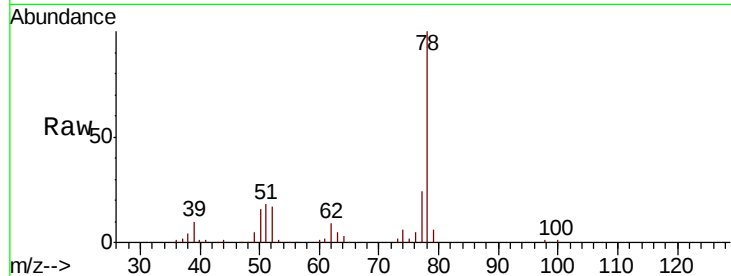
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 78 Resp: 125605

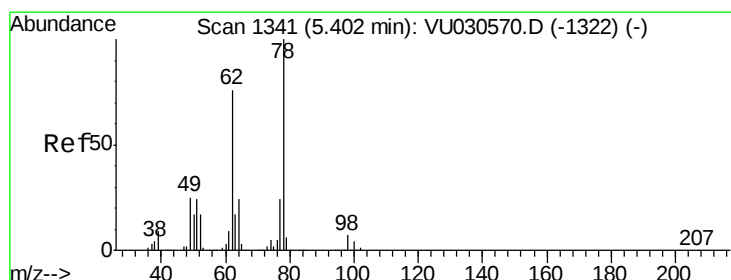
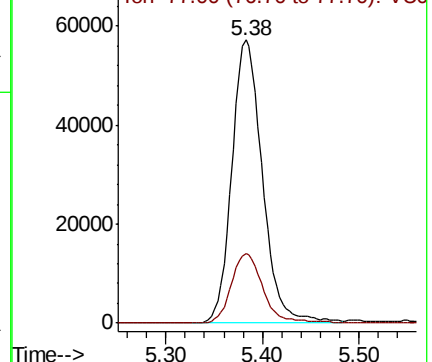
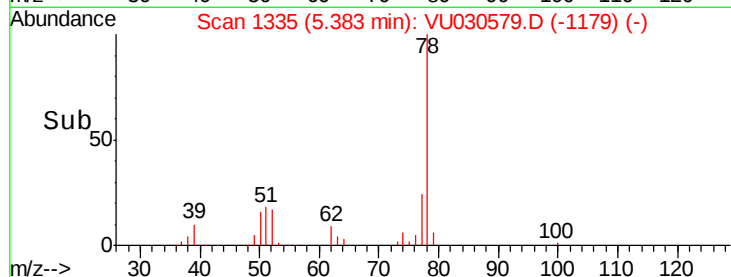
Ion Ratio Lower Upper

78 100

77 24.4 19.5 29.3



Abundance Ion 78.10 (77.80 to 78.80): VU030579.D (-1179) (-)



#36

1,2-Dichloroethane

Concen: 2.071 ug/l

RT: 5.41 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VU030579.D

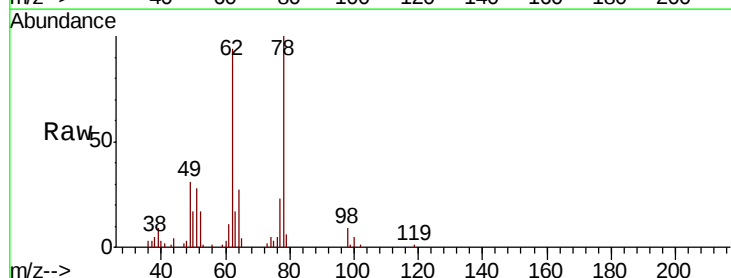
Acq: 30 Mar 2019 19:17

Tgt Ion: 62 Resp: 39597

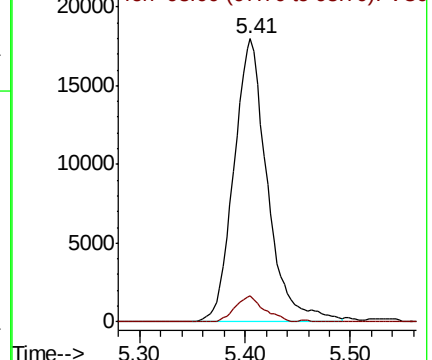
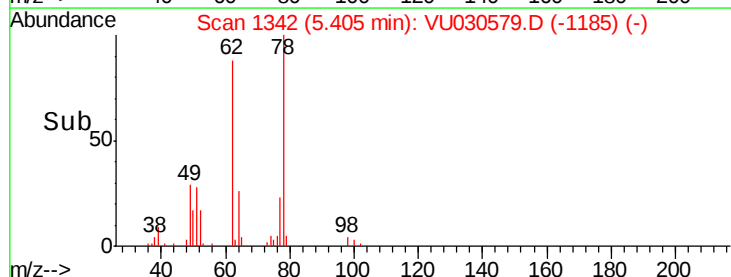
Ion Ratio Lower Upper

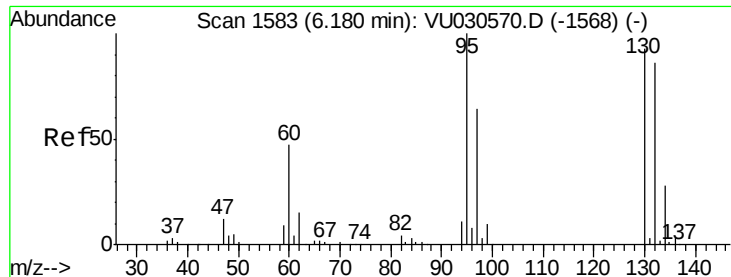
62 100

98 7.9 6.8 10.2



Abundance Ion 62.00 (61.70 to 62.70): VU030579.D (-1185) (-)

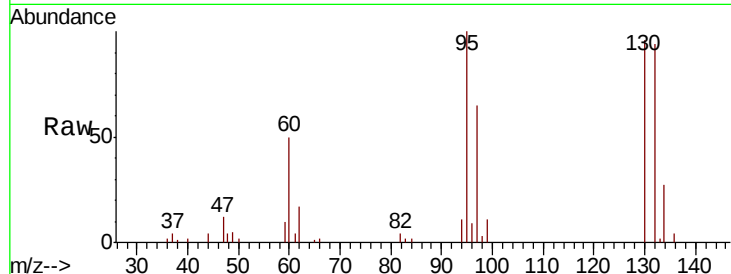




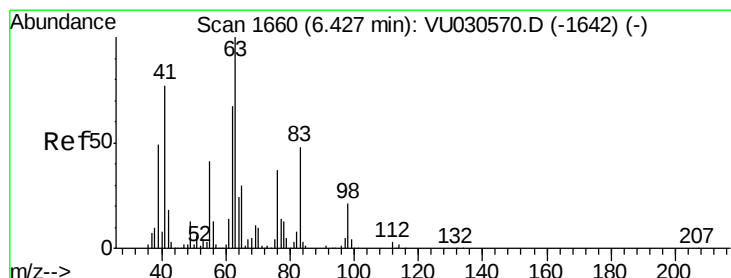
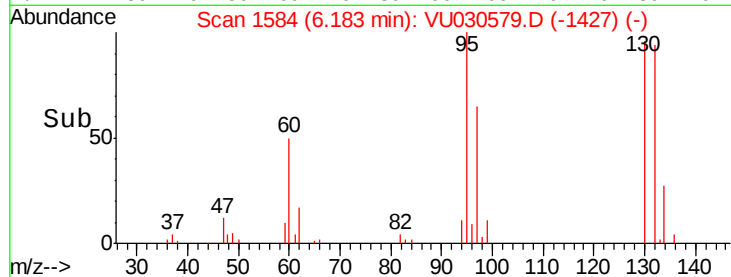
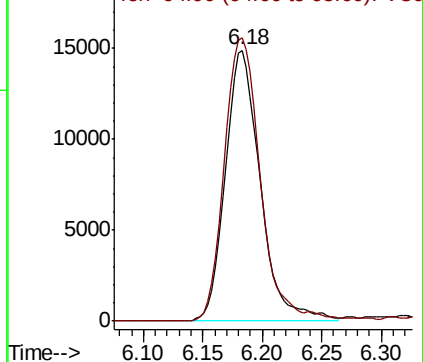
#37
 Trichloroethene
 Concen: 2.025 ug/l
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU030579.D
 Acq: 30 Mar 2019 19:17

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:130 Resp: 30407
 Ion Ratio Lower Upper
 130 100
 95 104.5 85.8 128.8

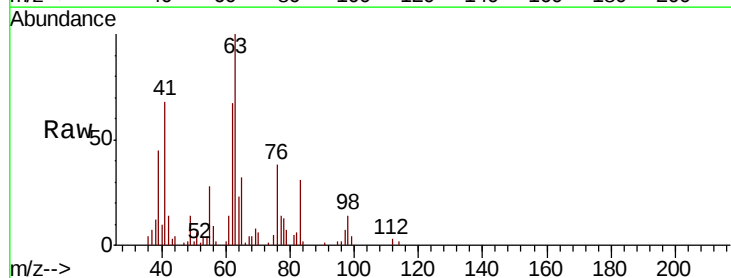


Abundance Ion 129.90 (129.60 to 130.60): VU030570.D (-1568) (-)
 Ion 94.90 (94.60 to 95.60): VU030570.D (-1568) (-)

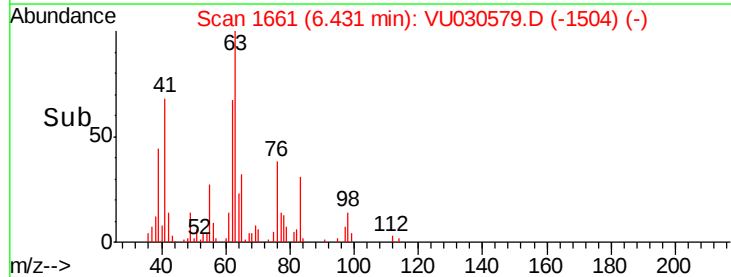
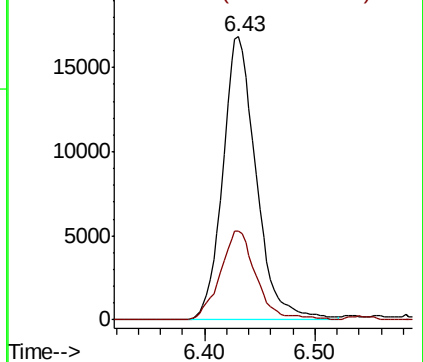


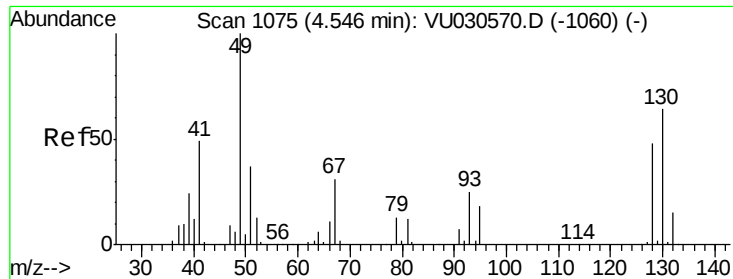
#38
 1,2-Dichloropropane
 Concen: 2.041 ug/l
 RT: 6.43 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: VU030579.D
 Acq: 30 Mar 2019 19:17

Tgt Ion: 63 Resp: 35374
 Ion Ratio Lower Upper
 63 100
 65 31.5 23.9 35.9



Abundance Ion 63.00 (62.70 to 63.70): VU030570.D (-1642) (-)
 Ion 65.00 (64.70 to 65.70): VU030570.D (-1642) (-)

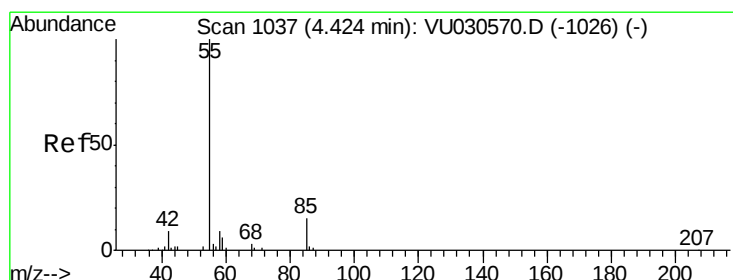
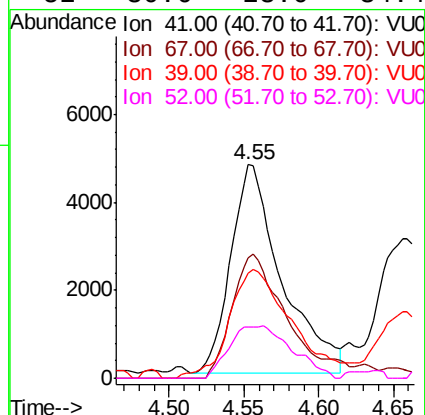
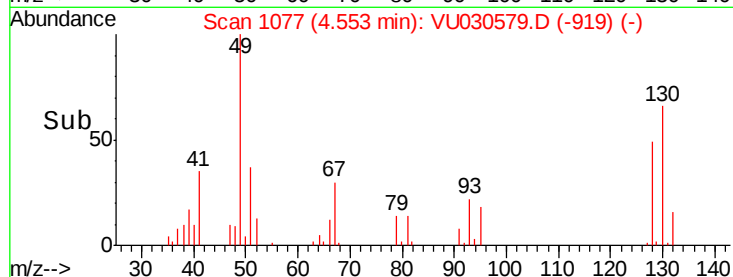
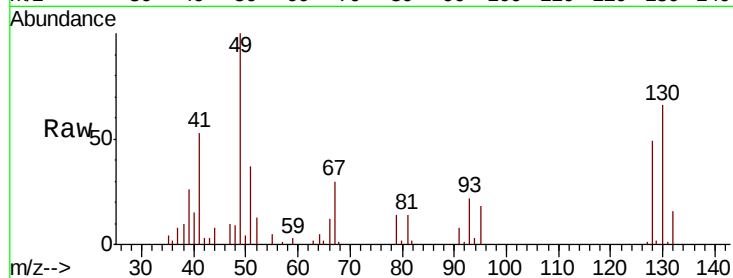




#39
Methacrylonitrile
Concen: 2.015 ug/l
RT: 4.55 min Scan# 1077
Delta R.T. 0.01 min
Lab File: VU030579.D
Acq: 30 Mar 2019 19:17

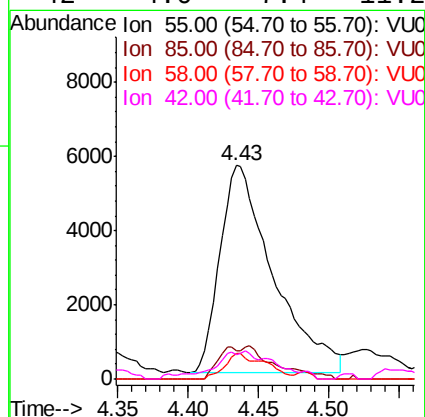
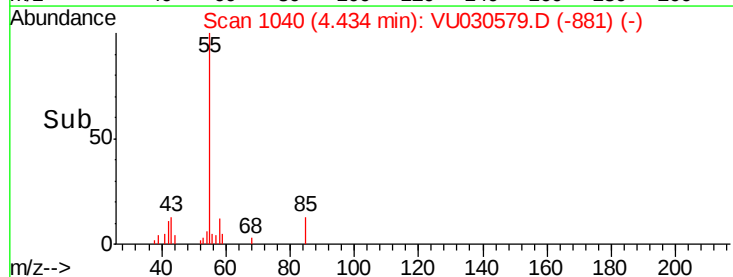
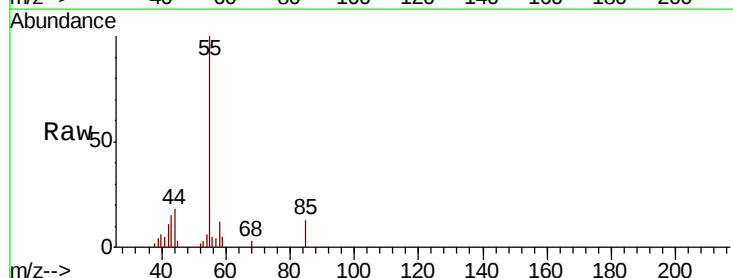
Instrument :
MSVOA_U
ClientSampleId :

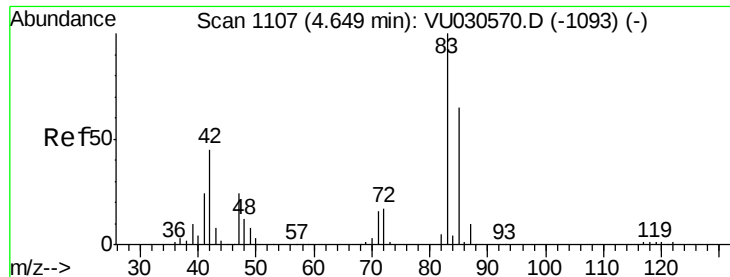
Tot Ion: 41 Resp: 11339
Ion Ratio Lower Upper
41 100
67 60.1 50.2 75.4
39 64.6 40.7 61.1#
52 30.6 23.0 34.4



#40
Methyl acrylate
Concen: 1.923 ug/l
RT: 4.43 min Scan# 1040
Delta R.T. 0.01 min
Lab File: VU030579.D
Acq: 30 Mar 2019 19:17

Tgt Ion: 55 Resp: 14799
Ion Ratio Lower Upper
55 100
85 0.0 12.5 18.7#
58 9.2 6.3 9.5
42 4.0 7.4 11.2#





#41

Tetrahydrofuran

Concen: 3.959 ug/l

RT: 4.66 min Scan# 1110

Delta R.T. 0.01 min

Lab File: VU030579.D

Acq: 30 Mar 2019 19:17

Instrument :
MSVOA_U
ClientSampleId :

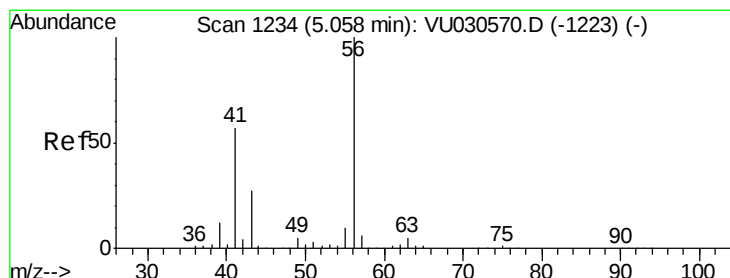
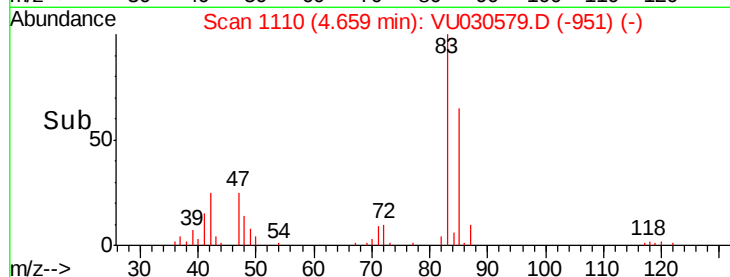
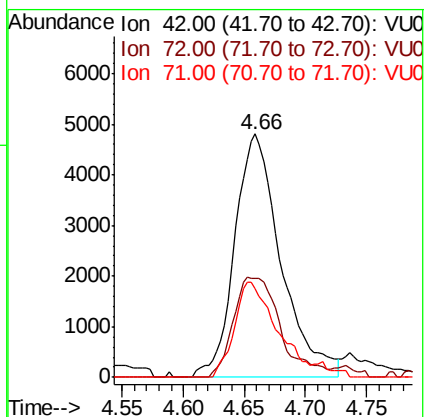
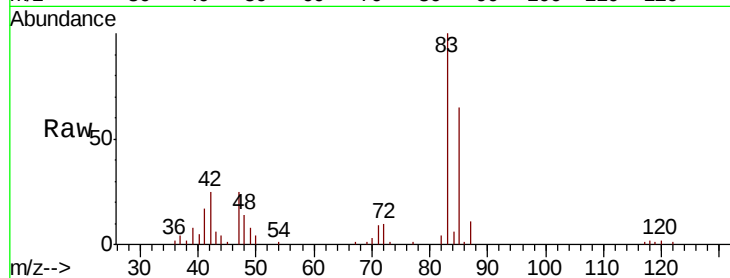
Tot Ion: 42 Resp: 12638

Ion Ratio Lower Upper

42 100

72 41.8 33.4 50.0

71 35.7 28.8 43.2



#42

1-Chlorobutane

Concen: 1.983 ug/l

RT: 5.06 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VU030579.D

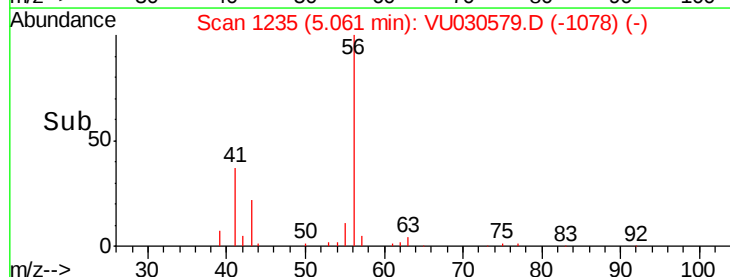
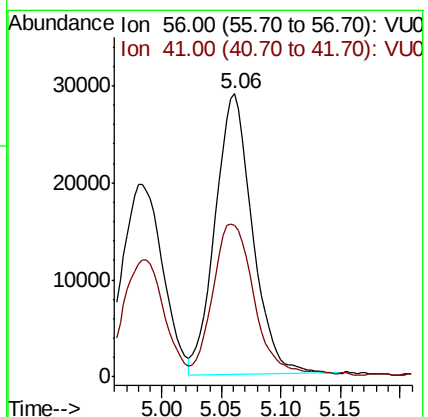
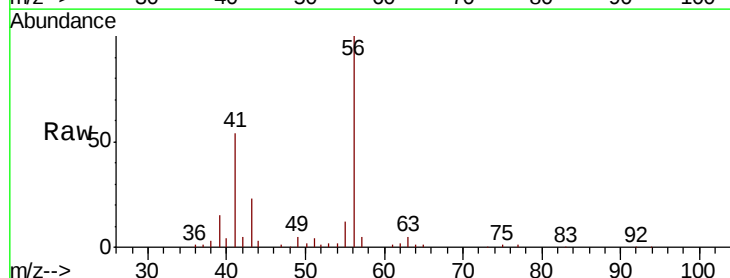
Acq: 30 Mar 2019 19:17

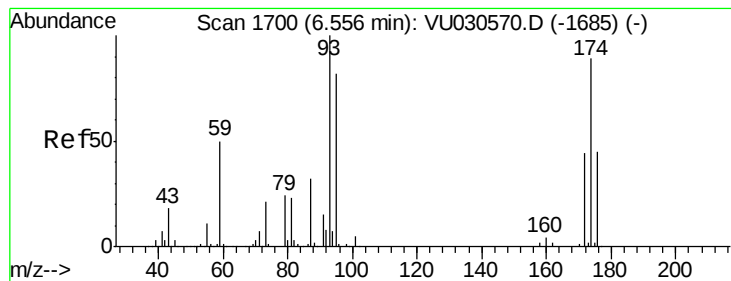
Tgt Ion: 56 Resp: 62817

Ion Ratio Lower Upper

56 100

41 56.4 28.5 85.6





#43

Dibromomethane

Concen: 1.956 ug/l

RT: 6.56 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VU030579.D

Acq: 30 Mar 2019 19:17

Instrument :

MSVOA_U

ClientSampleId :

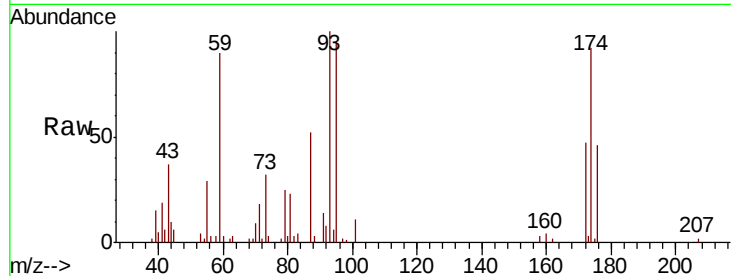
Tot Ion: 93 Resp: 15373

Ion Ratio Lower Upper

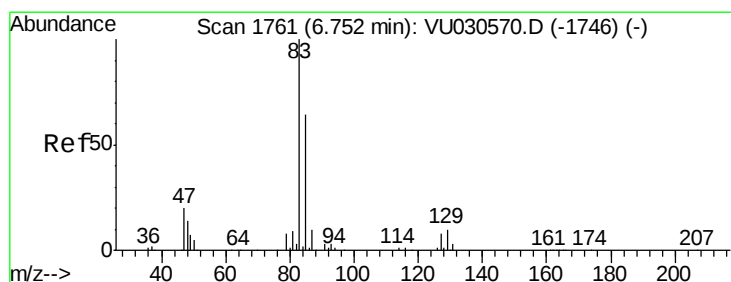
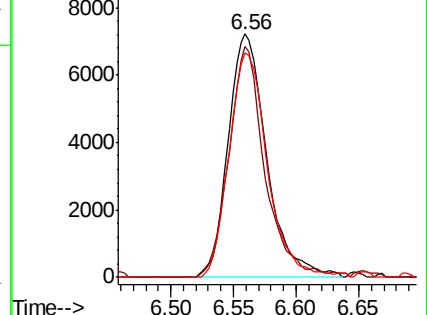
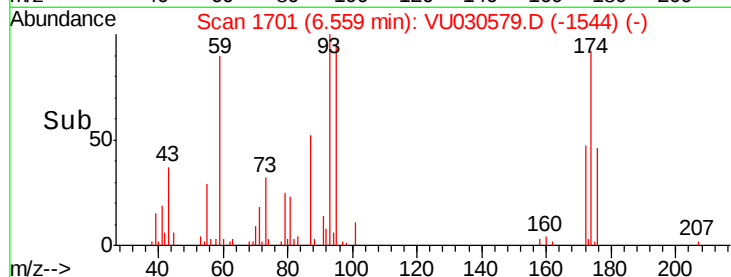
93 100

95 88.2 63.9 95.9

174 91.5 71.0 106.4



Abundance Ion 93.00 (92.70 to 93.70): VU030579.D (-1544) (-)



#44

Bromodichloromethane

Concen: 2.034 ug/l

RT: 6.76 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VU030579.D

Acq: 30 Mar 2019 19:17

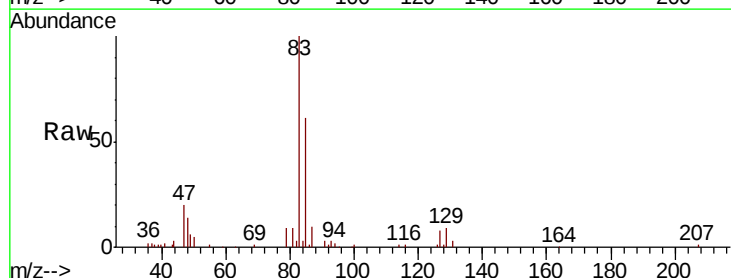
Tgt Ion: 83 Resp: 42303

Ion Ratio Lower Upper

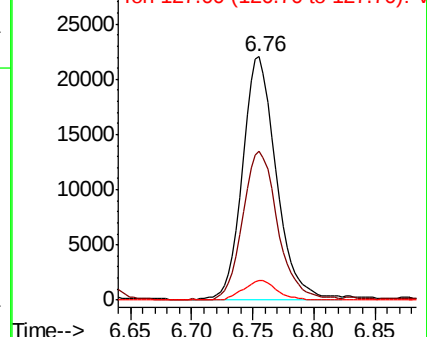
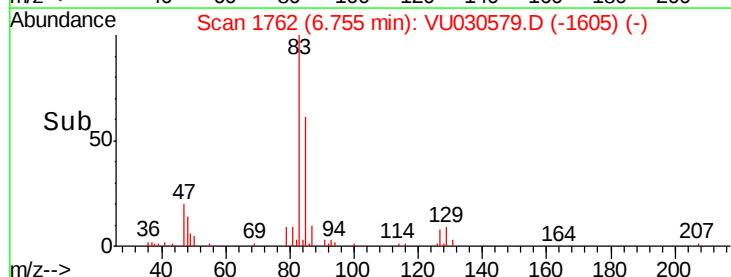
83 100

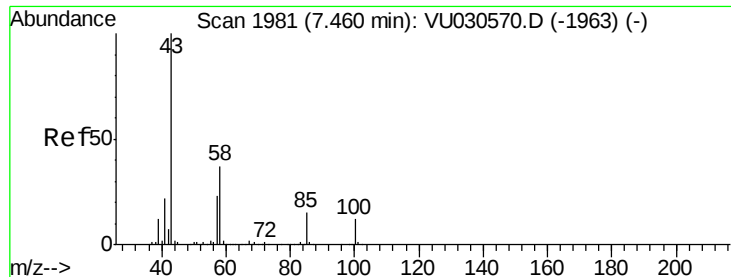
85 60.4 51.1 76.7

127 8.2 6.1 9.1



Abundance Ion 83.00 (82.70 to 83.70): VU030579.D (-1605) (-)





#45

4-Methyl-2-Pentanone

Concen: 10.400 ug/l

RT: 7.47 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VU030579.D

Acq: 30 Mar 2019 19:17

Instrument :

MSVOA_U

ClientSampleId :

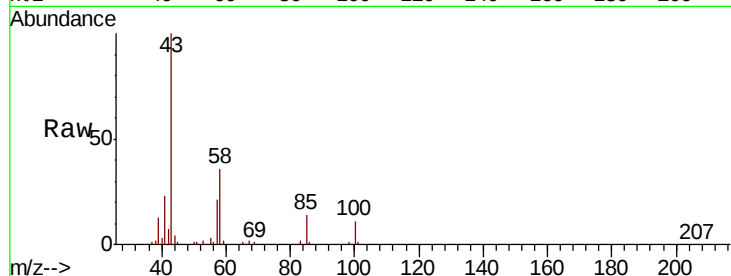
Tot Ion: 43 Resp: 112411

Ion Ratio Lower Upper

43 100

58 34.1 18.6 55.8

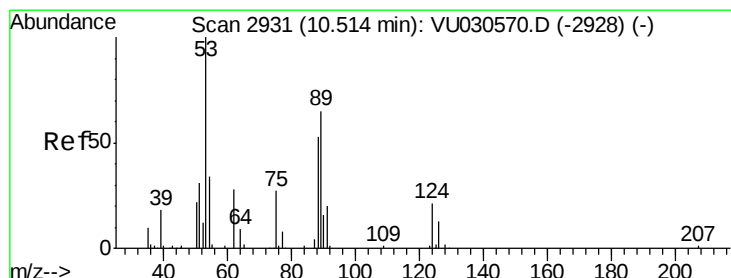
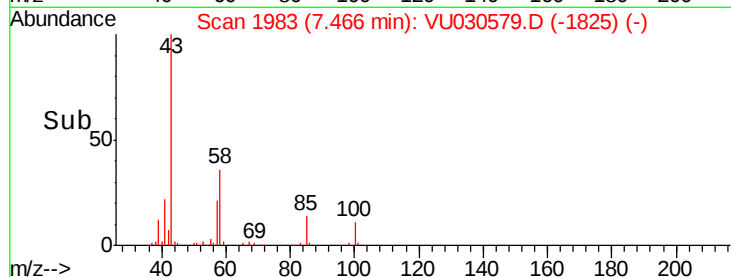
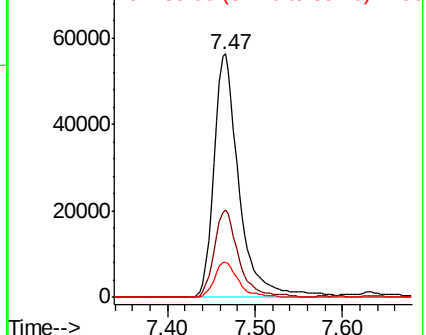
85 13.9 11.8 17.6



Abundance Ion 43.00 (42.70 to 43.70): VU030579.D (-1825) (-)

Ion 58.00 (57.70 to 58.70): VU030579.D (-1825) (-)

Ion 85.00 (84.70 to 85.70): VU030579.D (-1825) (-)



#46

t-1,4-Dichloro-2-butene

Concen: 5.299 ug/l

RT: 10.49 min Scan# 2925

Delta R.T. -0.02 min

Lab File: VU030579.D

Acq: 30 Mar 2019 19:17

Tgt Ion: 75 Resp: 18379

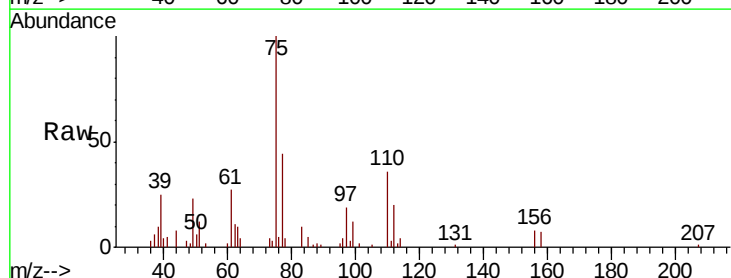
Ion Ratio Lower Upper

75 100

53 58.7 63.4 95.2#

89 33.1 39.1 58.7#

88 27.4 30.4 45.6#

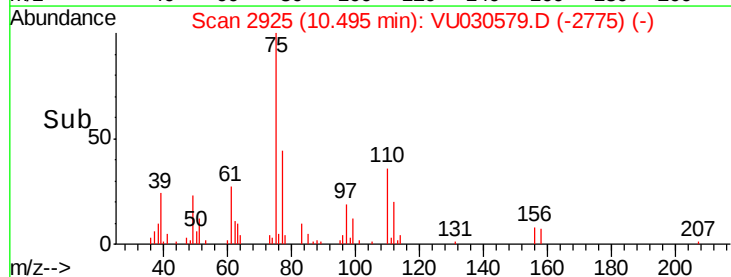
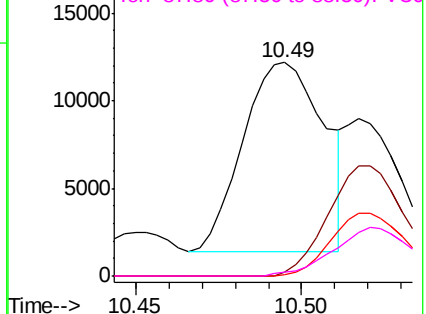


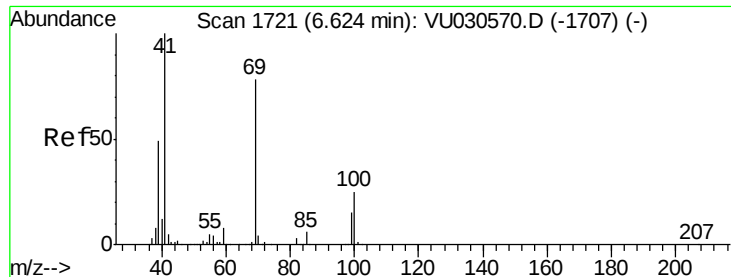
Abundance Ion 74.90 (74.60 to 75.60): VU030579.D (-2775) (-)

Ion 53.00 (52.70 to 53.70): VU030579.D (-2775) (-)

Ion 88.80 (88.50 to 89.50): VU030579.D (-2775) (-)

Ion 87.80 (87.50 to 88.50): VU030579.D (-2775) (-)

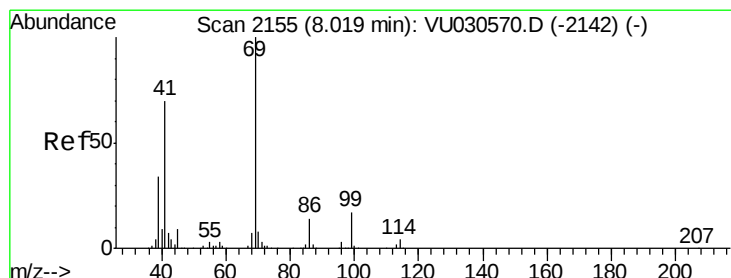
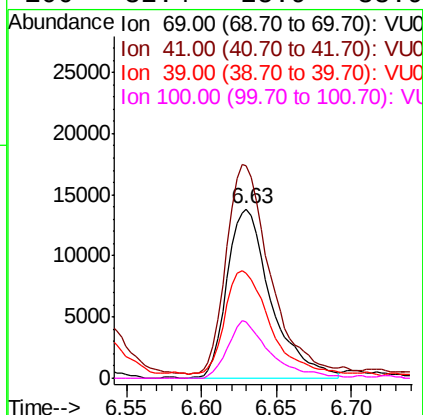
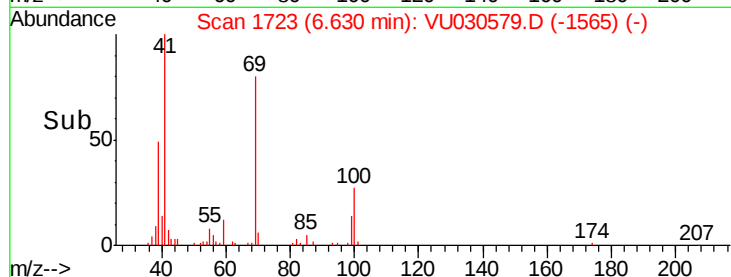
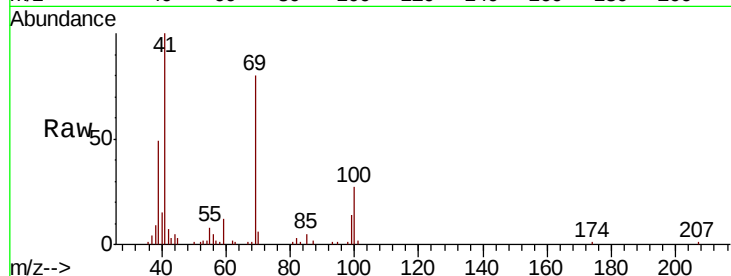




#47
Methvl methacrylate
Concen: 4.252 ug/l
RT: 6.63 min Scan# 1723
Delta R.T. 0.01 min
Lab File: VU030579.D
Acq: 30 Mar 2019 19:17

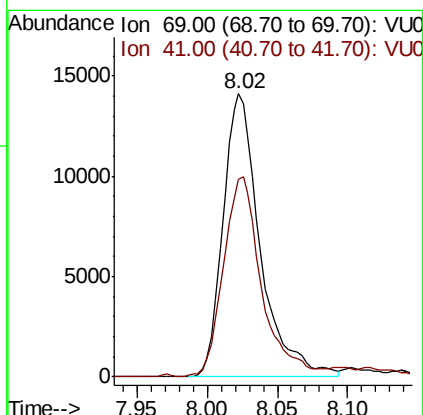
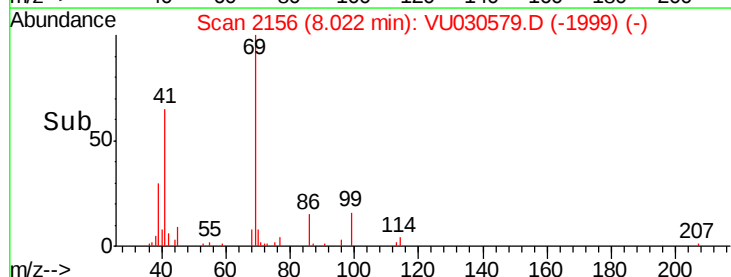
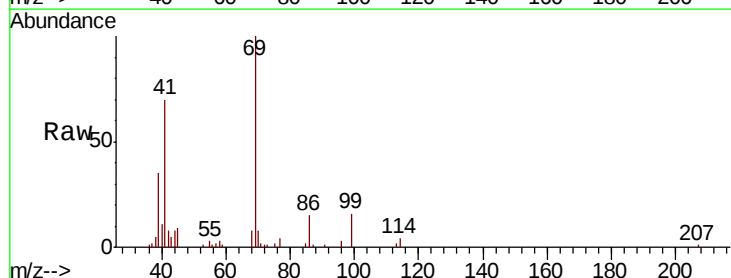
Instrument :
MSVOA_U
ClientSampleId :

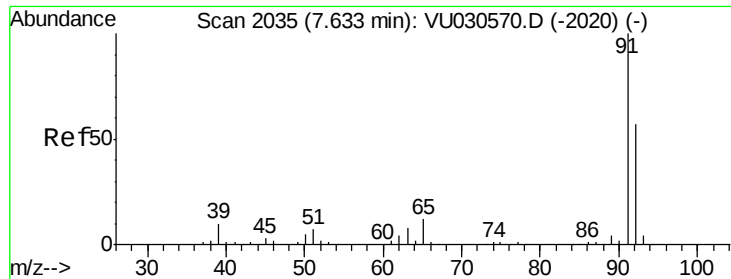
Tot Ion: 69 Resp: 28348
Ion Ratio Lower Upper
69 100
41 122.8 0.0 258.0
39 60.8 51.0 76.4
100 32.4 25.9 38.9



#48
Ethyl methacrylate
Concen: 1.984 ug/l
RT: 8.02 min Scan# 2156
Delta R.T. 0.00 min
Lab File: VU030579.D
Acq: 30 Mar 2019 19:17

Tgt Ion: 69 Resp: 25936
Ion Ratio Lower Upper
69 100
41 72.9 36.1 108.5





#49

Toluene

Concen: 1.966 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU030579.D

Acq: 30 Mar 2019 19:17

Instrument :

MSVOA_U

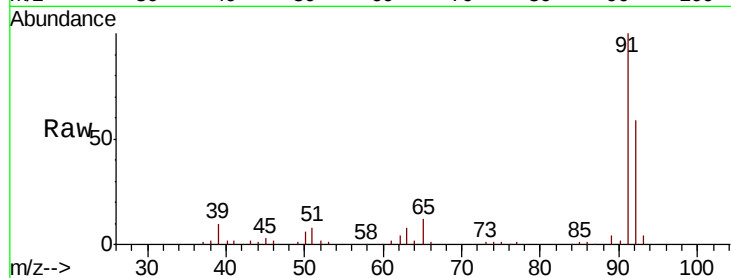
ClientSampleId :

Tot Ion: 92 Resp: 67436

Ion Ratio Lower Upper

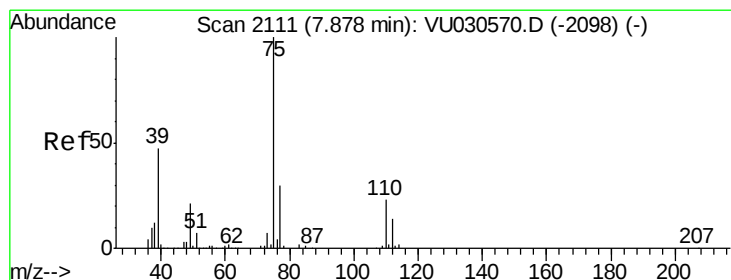
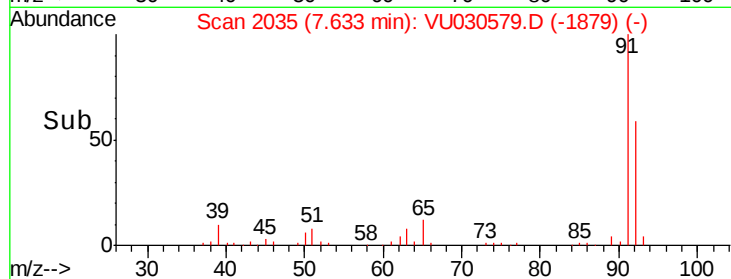
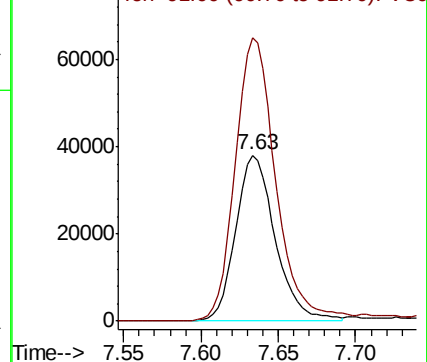
92 100

91 175.5 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VU030570.D (-2020) (-)

Ion 91.00 (90.70 to 91.70): VU030570.D (-2020) (-)



#50

t-1,3-Dichloropropene

Concen: 1.999 ug/l

RT: 7.88 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VU030579.D

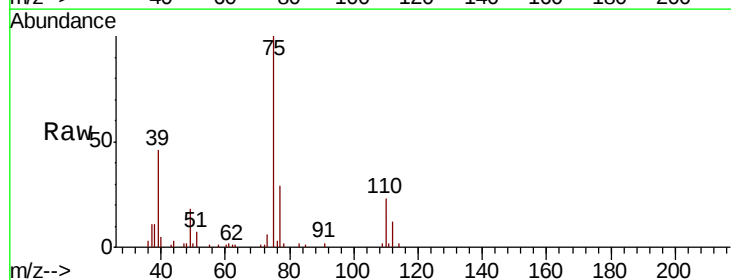
Acq: 30 Mar 2019 19:17

Tgt Ion: 75 Resp: 34850

Ion Ratio Lower Upper

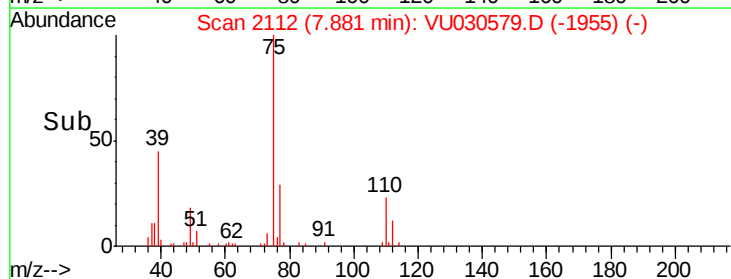
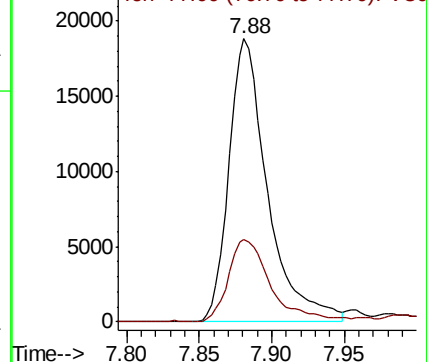
75 100

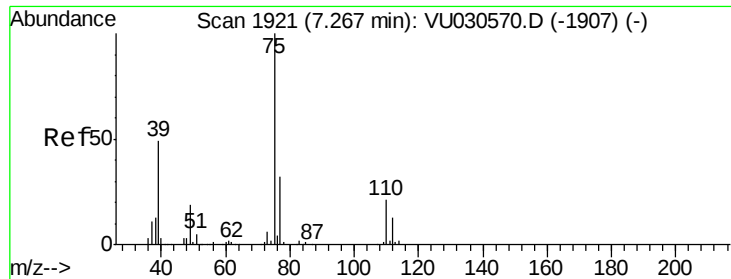
77 29.2 24.4 36.6



Abundance Ion 75.00 (74.70 to 75.70): VU030570.D (-2098) (-)

Ion 77.00 (76.70 to 77.70): VU030570.D (-2098) (-)

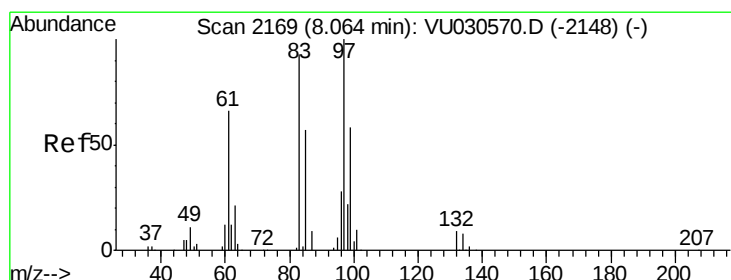
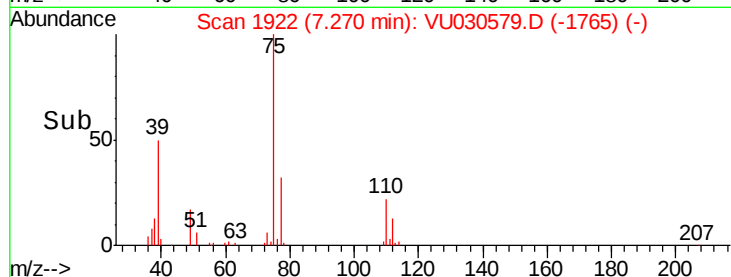
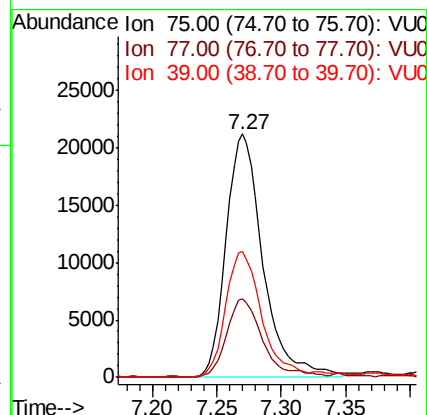
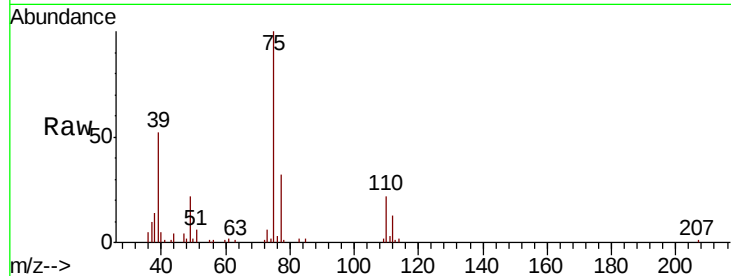




#51
 cis-1,3-Dichloropropene
 Concen: 1.941 ug/l
 RT: 7.27 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VU030579.D
 Acq: 30 Mar 2019 19:17

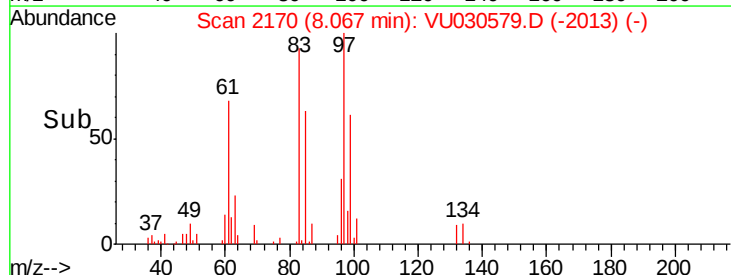
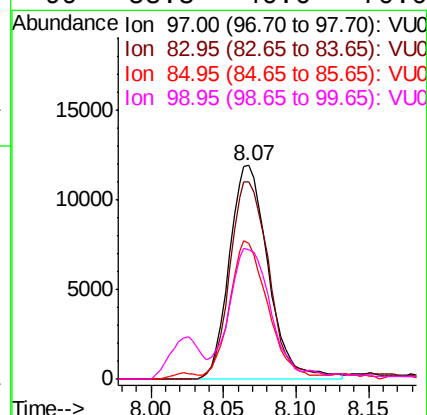
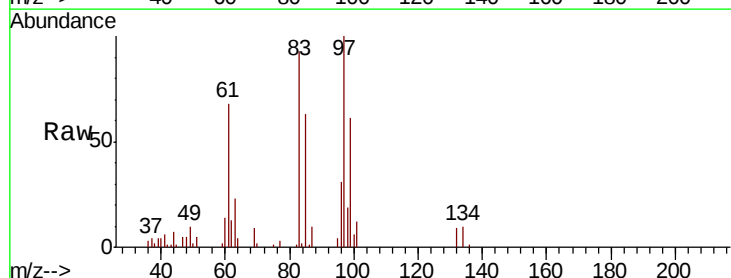
Instrument :
 MSVOA_U
 ClientSampleId :

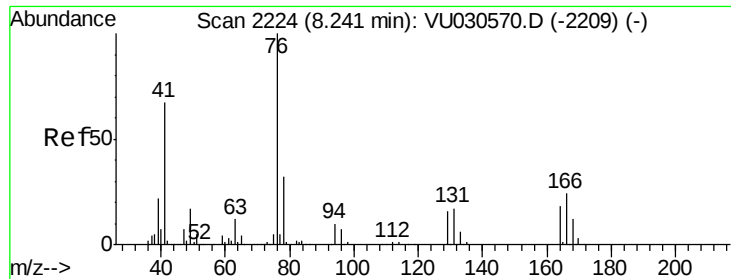
Tot Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.8	38.6
39	51.7	39.3	58.9



#52
 1,1,2-Trichloroethane
 Concen: 2.070 ug/l
 RT: 8.07 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VU030579.D
 Acq: 30 Mar 2019 19:17

Tgt Ion	Ratio	Lower	Upper
97	100		
83	92.6	74.3	111.5
85	61.2	45.4	68.0
99	58.3	46.6	70.0





#53

1,3-Dichloropropane

Concen: 2.012 ug/l

RT: 8.24 min Scan# 2225

Delta R.T. 0.00 min

Lab File: VU030579.D

Acq: 30 Mar 2019 19:17

Instrument :

MSVOA_U

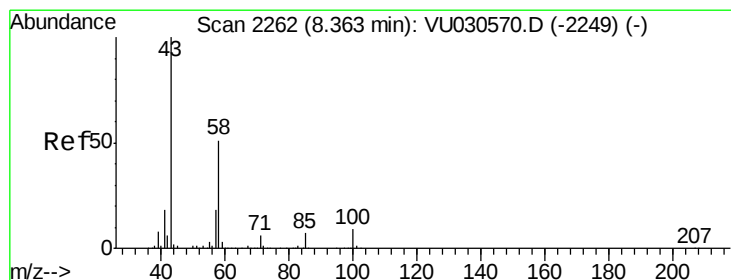
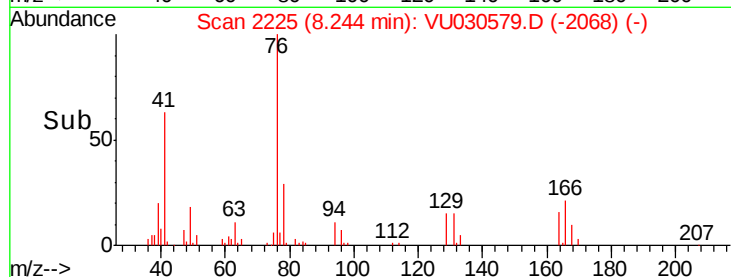
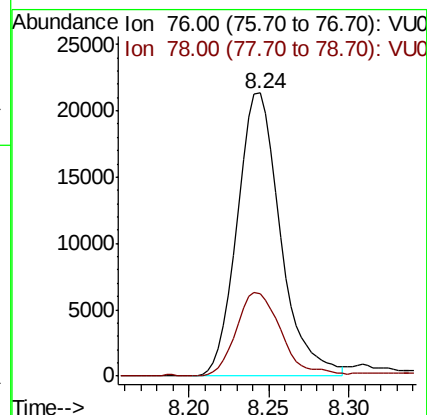
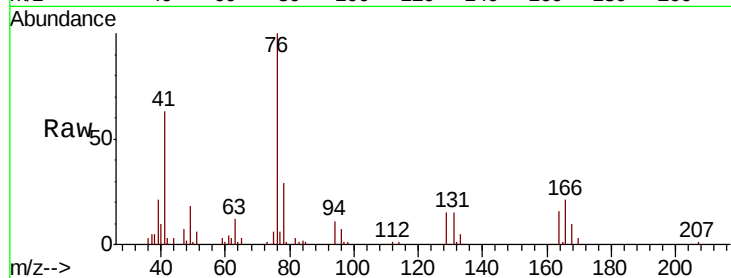
ClientSampleId :

Tot Ion: 76 Resp: 39422

Ion Ratio Lower Upper

76 100

78 30.9 25.3 37.9



#54

2-Hexanone

Concen: 9.841 ug/l

RT: 8.37 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VU030579.D

Acq: 30 Mar 2019 19:17

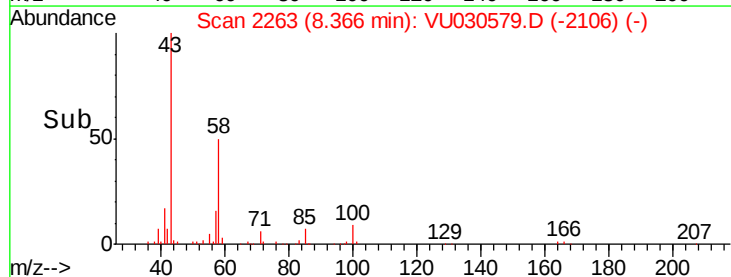
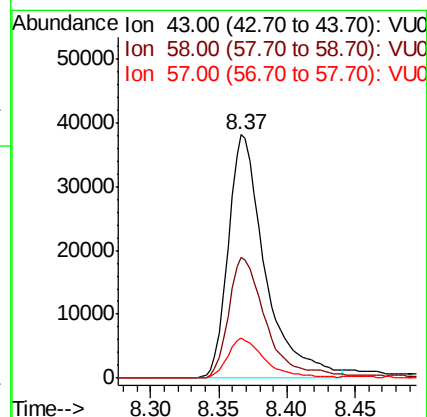
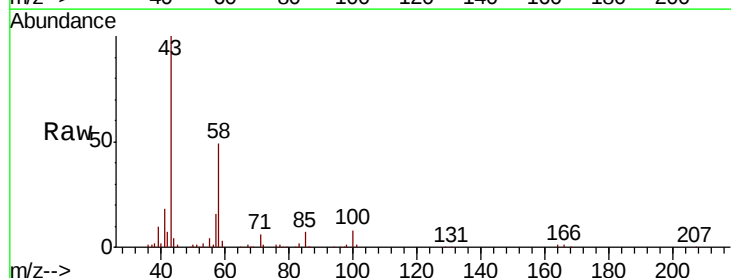
Tgt Ion: 43 Resp: 71833

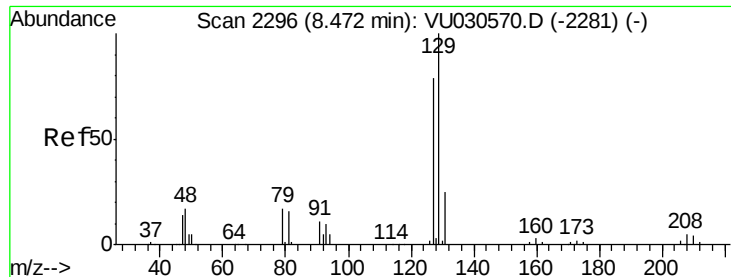
Ion Ratio Lower Upper

43 100

58 50.4 32.5 72.5

57 16.6 0.0 37.6





#55

Dibromochloromethane

Concen: 1.985 ug/l

RT: 8.48 min Scan# 2297

Delta R.T. 0.00 min

Lab File: VU030579.D

Acq: 30 Mar 2019 19:17

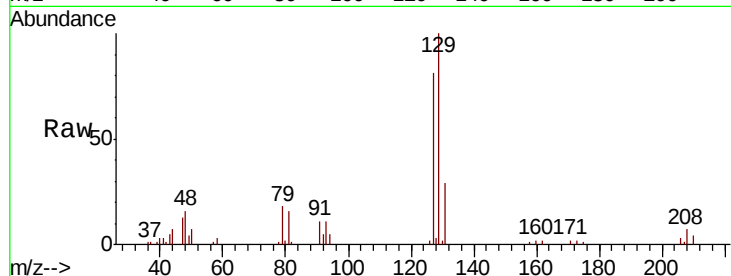
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:129 Resp: 24650

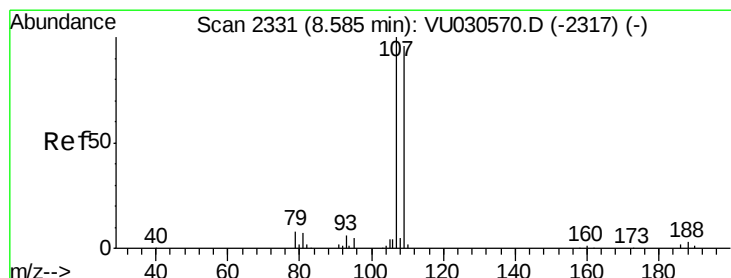
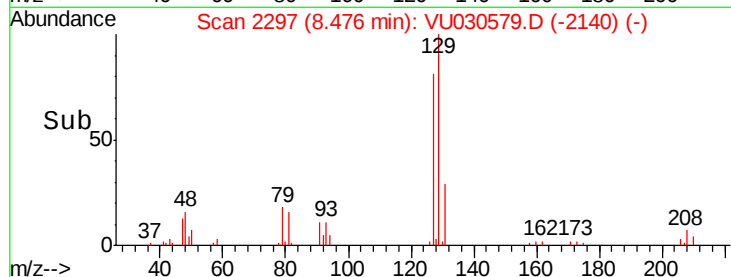
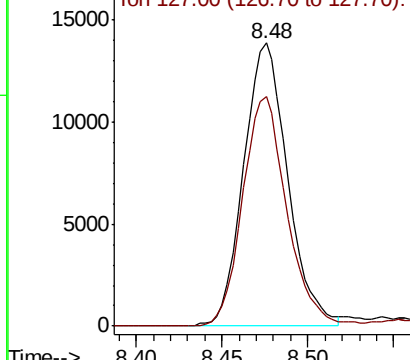
Ion Ratio Lower Upper

129 100

127 80.9 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: 2.010 ug/l

RT: 8.59 min Scan# 2332

Delta R.T. 0.00 min

Lab File: VU030579.D

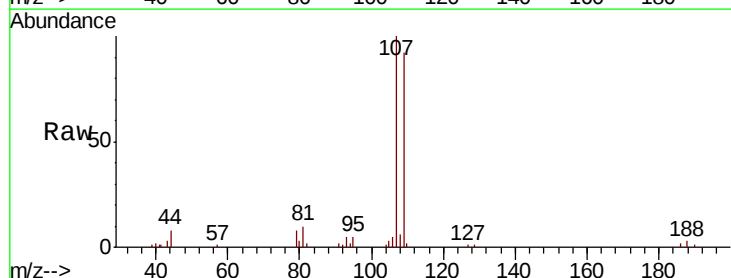
Acq: 30 Mar 2019 19:17

Tgt Ion:107 Resp: 19977

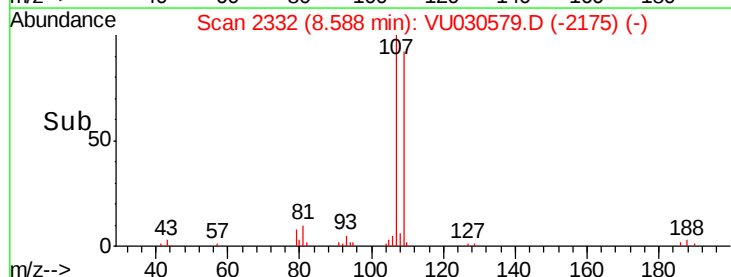
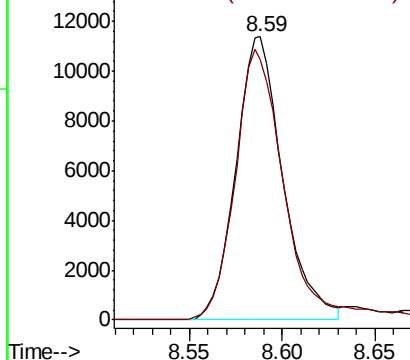
Ion Ratio Lower Upper

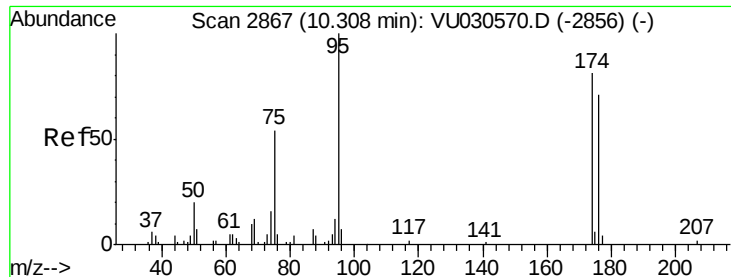
107 100

109 101.5 0.0 190.0



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

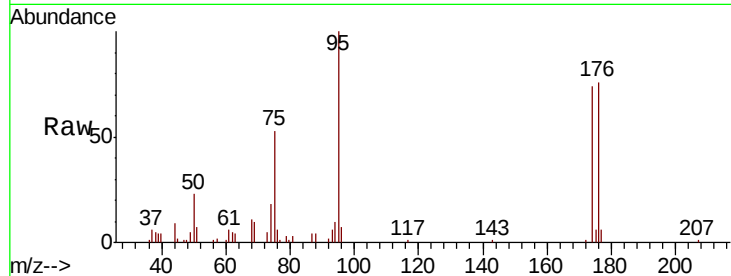




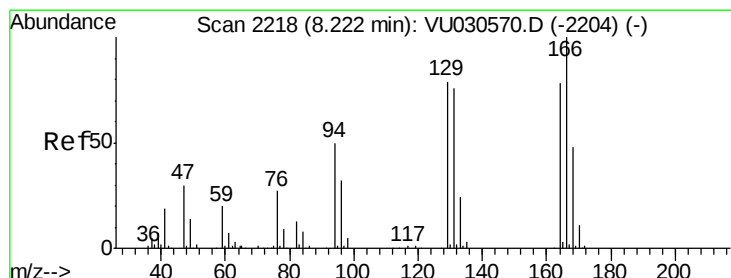
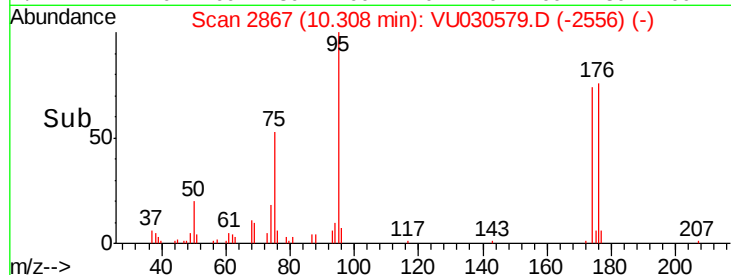
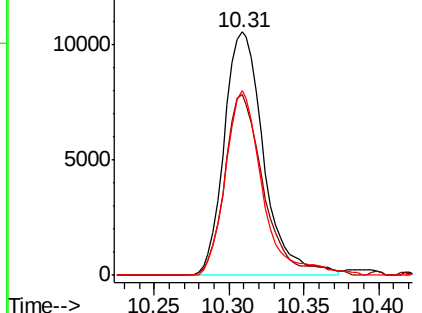
#57
4-Bromofluorobenzene
Concen: 2.010 ug/l
RT: 10.31 min Scan# 2867
Delta R.T. 0.00 min
Lab File: VU030579.D
Acq: 30 Mar 2019 19:17

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
95	100		
174	70.9	60.5	90.7
176	71.6	57.9	86.9



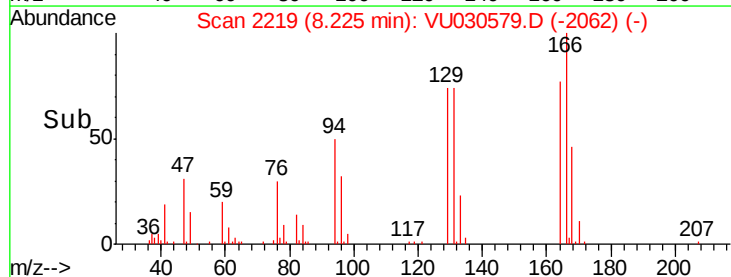
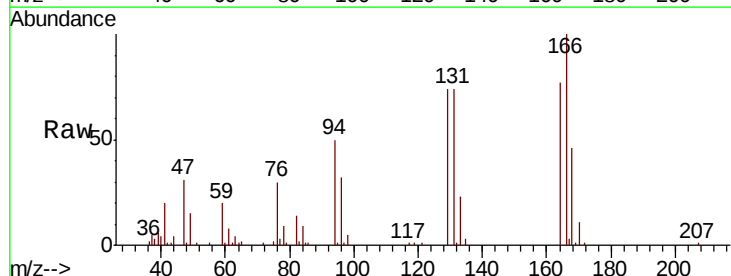
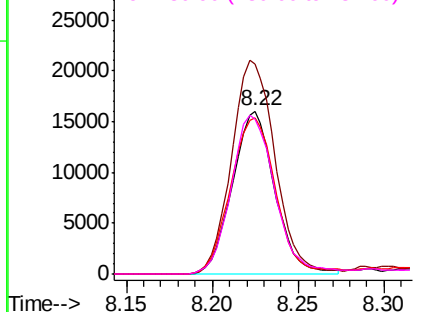
Abundance Ion 95.00 (94.70 to 95.70): VU030579.D (-2856) (-)
Ion 174.00 (173.70 to 174.70): VU030579.D (-2856) (-)
Ion 176.00 (175.70 to 176.70): VU030579.D (-2856) (-)

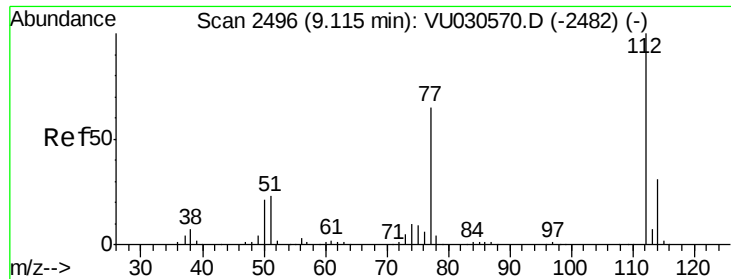


#58
Tetrachloroethene
Concen: 2.048 ug/l
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU030579.D
Acq: 30 Mar 2019 19:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.3	102.4	153.6
129	96.1	81.4	122.0
131	95.4	77.7	116.5

Abundance Ion 163.85 (163.55 to 164.55): VU030579.D (-2062) (-)
Ion 165.80 (165.50 to 166.50): VU030579.D (-2062) (-)
Ion 128.90 (128.60 to 129.60): VU030579.D (-2062) (-)
Ion 130.90 (130.60 to 131.60): VU030579.D (-2062) (-)

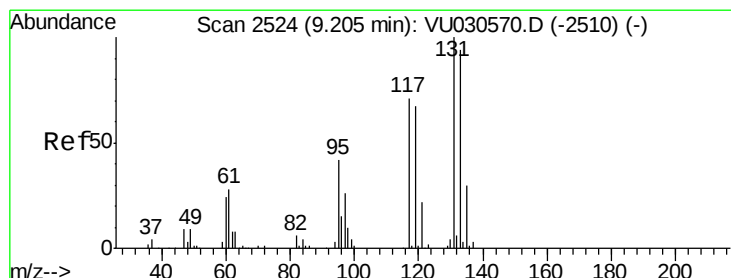
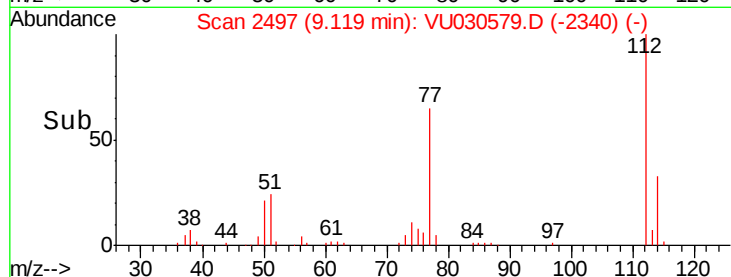
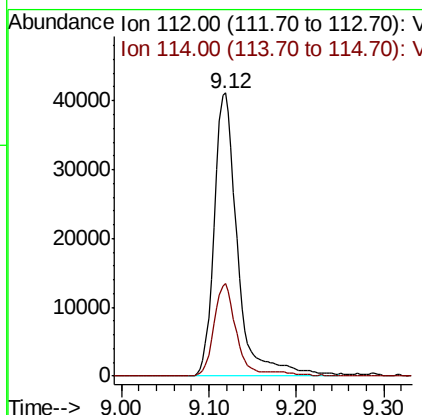
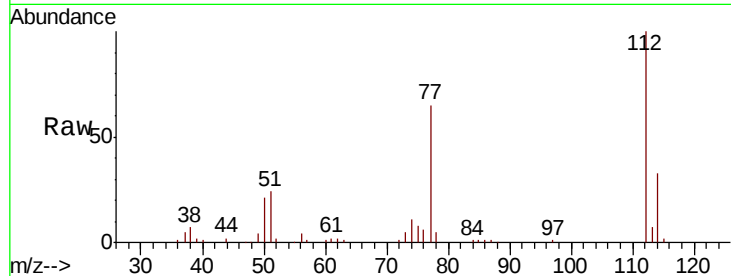




#59
Chlorobenzene
Concen: 2.070 ug/l
RT: 9.12 min Scan# 2497
Delta R.T. 0.00 min
Lab File: VU030579.D
Acq: 30 Mar 2019 19:17

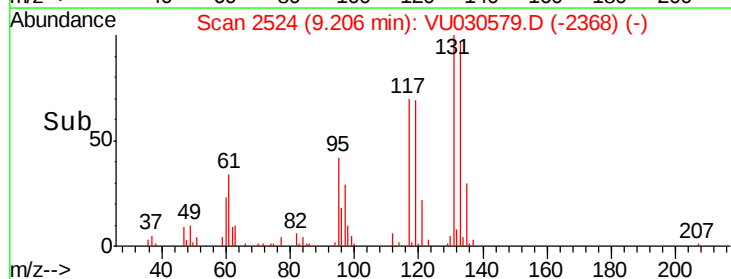
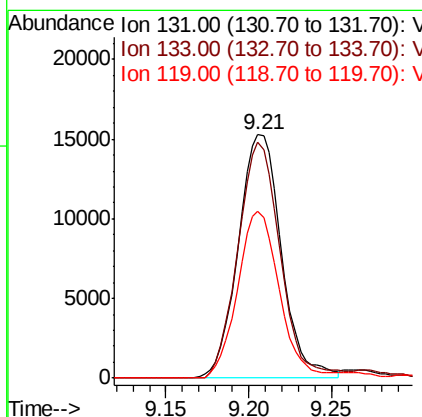
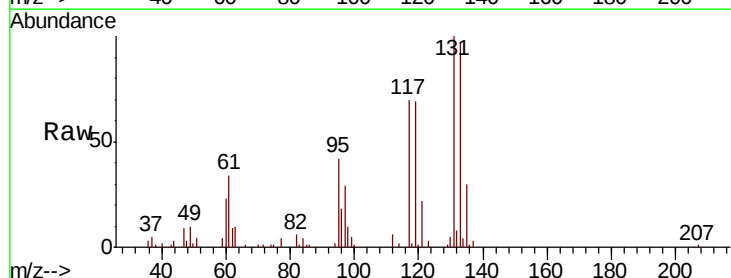
Instrument :
MSVOA_U
ClientSampleId :

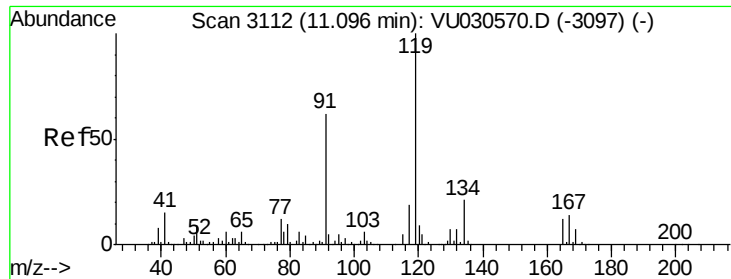
Tot Ion:112 Resp: 76719
Ion Ratio Lower Upper
112 100
114 32.6 24.9 37.3



#60
1,1,1,2-Tetrachloroethane
Concen: 2.014 ug/l
RT: 9.21 min Scan# 2524
Delta R.T. 0.00 min
Lab File: VU030579.D
Acq: 30 Mar 2019 19:17

Tgt Ion:131 Resp: 27655
Ion Ratio Lower Upper
131 100
133 95.4 77.5 116.3
119 65.8 53.2 79.8

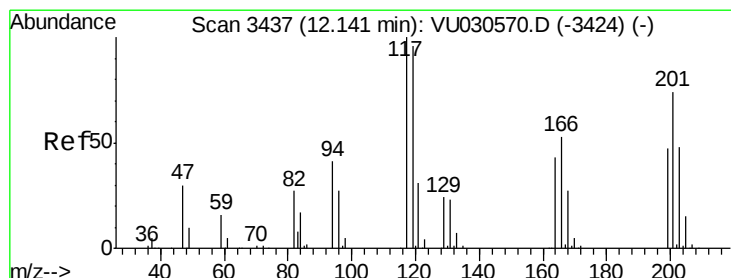
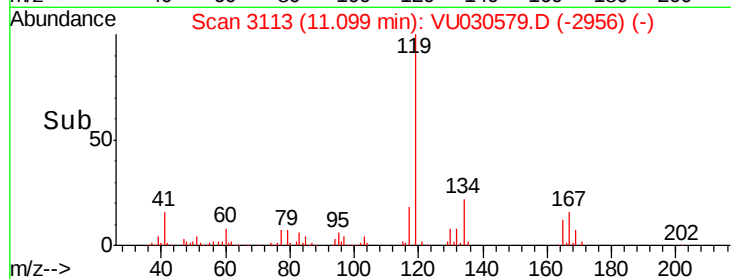
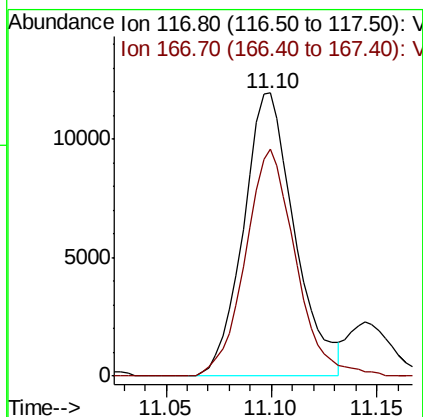
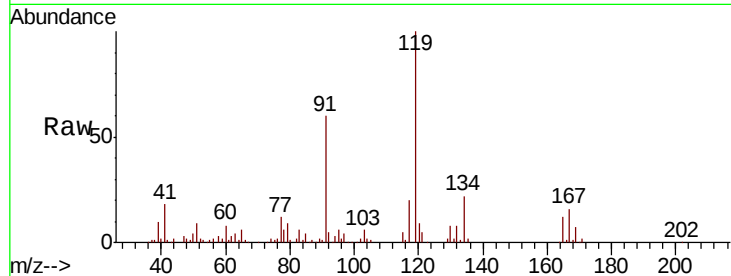




#61
 Pentachloroethane
 Concen: 1.917 ug/l
 RT: 11.10 min Scan# 3113
 Delta R.T. 0.00 min
 Lab File: VU030579.D
 Acq: 30 Mar 2019 19:17

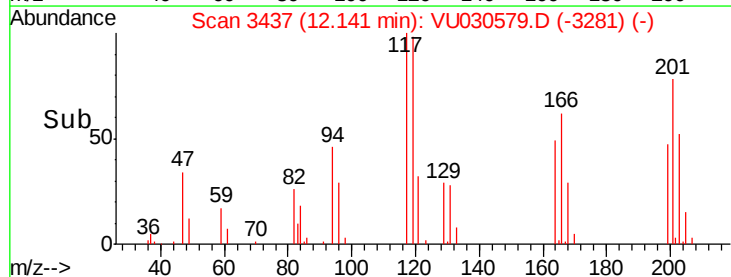
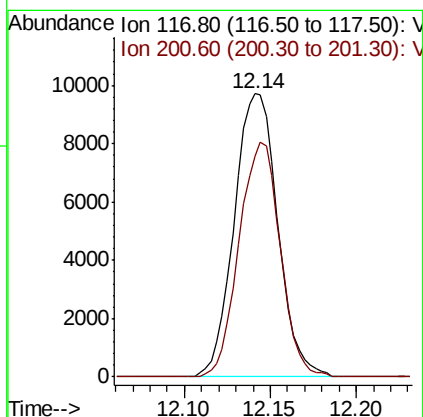
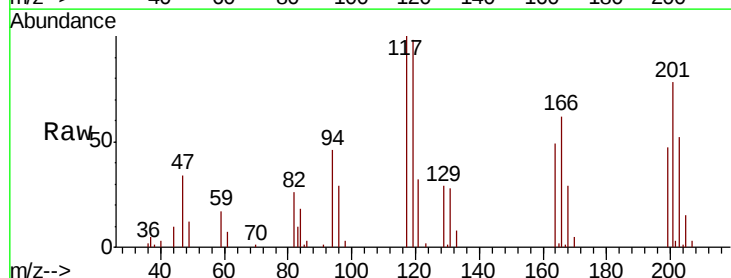
Instrument :
 MSVOA_U
 ClientSampleId :

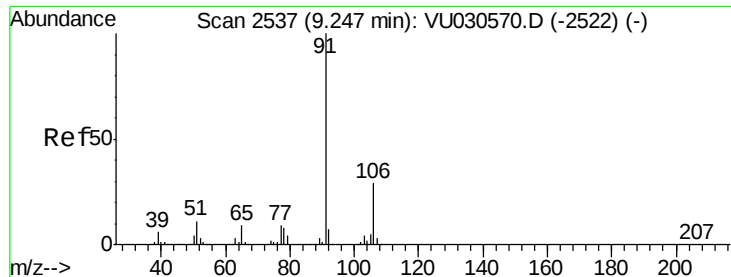
Tot Ion:117 Resp: 20301
 Ion Ratio Lower Upper
 117 100
 167 77.9 62.6 93.8



#62
 Hexachloroethane
 Concen: 1.847 ug/l
 RT: 12.14 min Scan# 3437
 Delta R.T. 0.00 min
 Lab File: VU030579.D
 Acq: 30 Mar 2019 19:17

Tgt Ion:117 Resp: 17024
 Ion Ratio Lower Upper
 117 100
 201 78.3 59.1 88.7

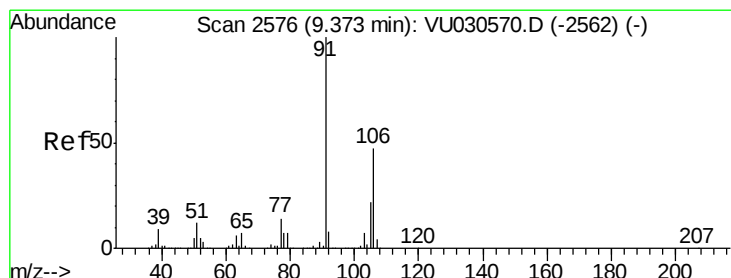
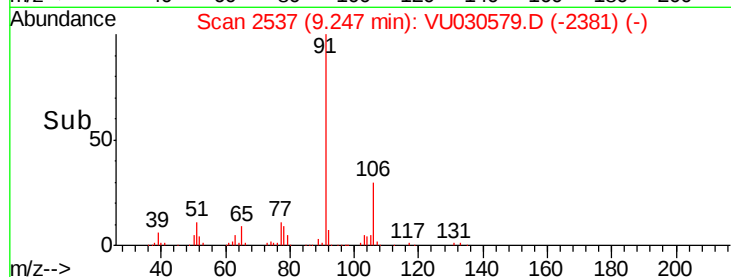
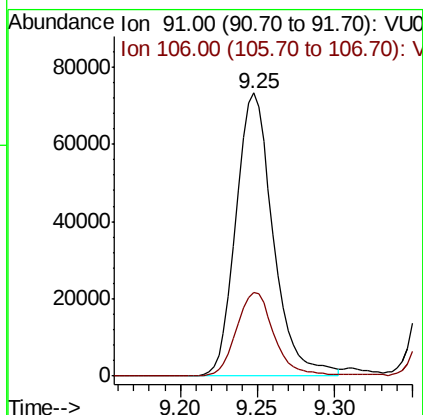
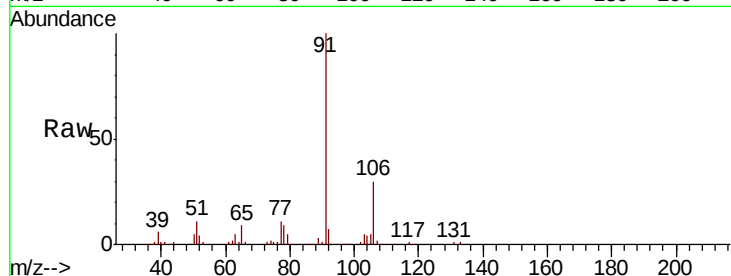




#63
Ethyl Benzene
Concen: 1.865 ug/l
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU030579.D
Acq: 30 Mar 2019 19:17

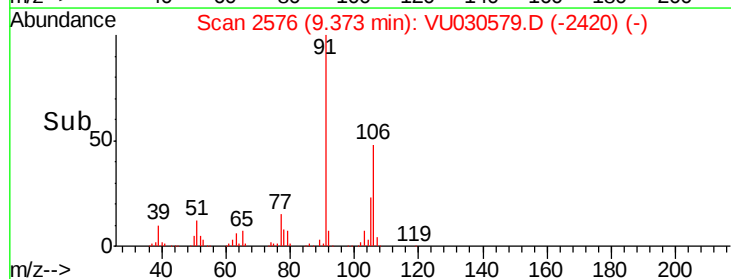
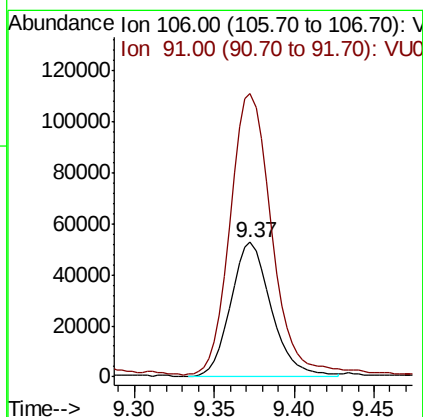
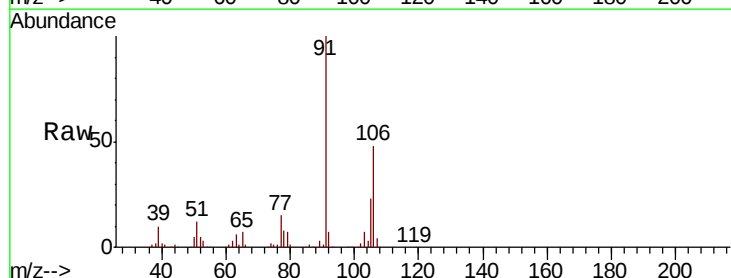
Instrument :
MSVOA_U
ClientSampleId :

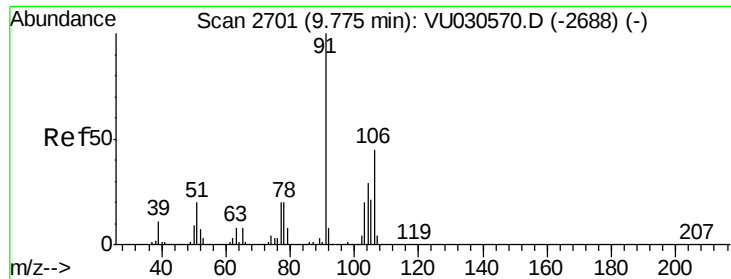
Tot Ion: 91 Resp: 122667
Ion Ratio Lower Upper
91 100
106 29.6 23.1 34.7



#64
m/p-Xylenes
Concen: 3.750 ug/l
RT: 9.37 min Scan# 2576
Delta R.T. 0.00 min
Lab File: VU030579.D
Acq: 30 Mar 2019 19:17

Tgt Ion: 106 Resp: 90240
Ion Ratio Lower Upper
106 100
91 216.7 179.4 269.0





#65

o-Xylene

Concen: 1.965 ug/l

RT: 9.77 min Scan# 2701

Delta R.T. 0.00 min

Lab File: VU030579.D

Acq: 30 Mar 2019 19:17

Instrument :

MSVOA_U

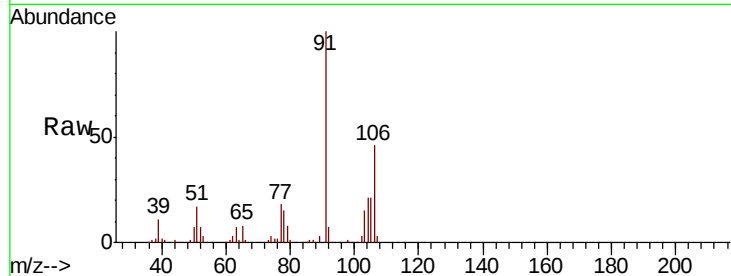
ClientSampled :

Tot Ion:106 Resp: 45459

Ion Ratio Lower Upper

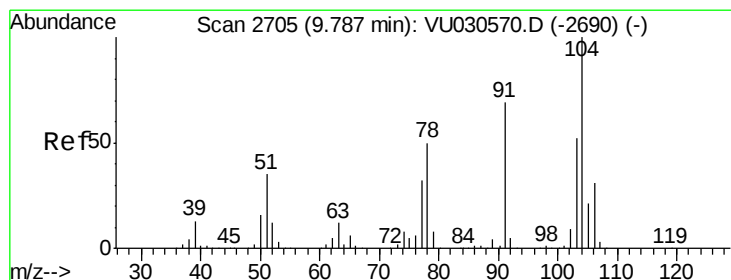
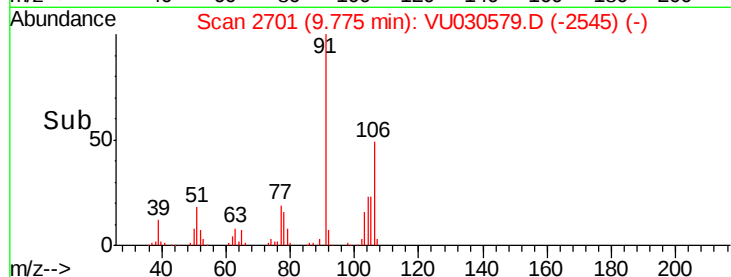
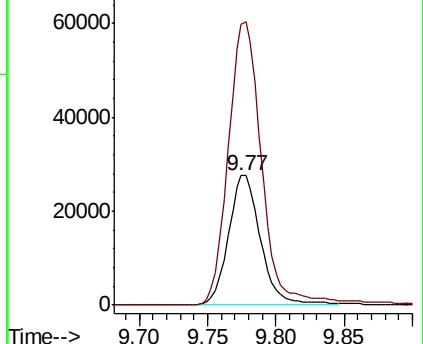
106 100

91 224.5 115.5 346.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 1.997 ug/l

RT: 9.79 min Scan# 2706

Delta R.T. 0.00 min

Lab File: VU030579.D

Acq: 30 Mar 2019 19:17

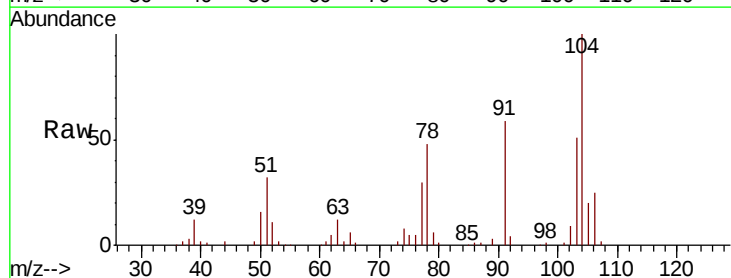
Tgt Ion:104 Resp: 77850

Ion Ratio Lower Upper

104 100

78 51.7 42.3 63.5

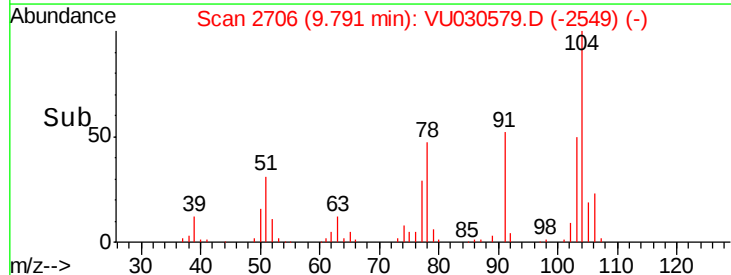
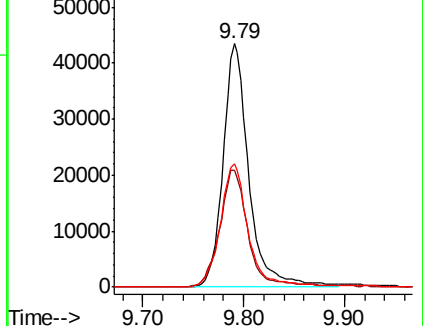
103 54.6 44.7 67.1

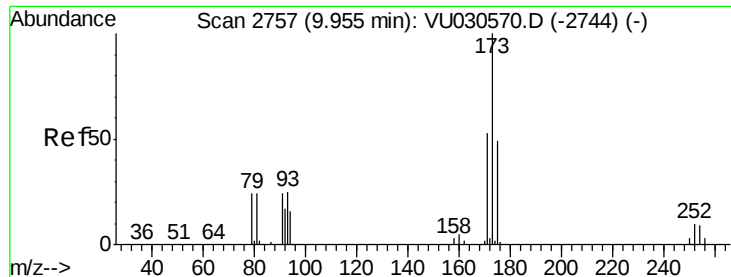


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V





#67

Bromoform

Concen: 2.153 ug/l

RT: 9.96 min Scan# 2758

Delta R.T. 0.00 min

Lab File: VU030579.D

Acq: 30 Mar 2019 19:17

Instrument :
MSVOA_U
ClientSampled :

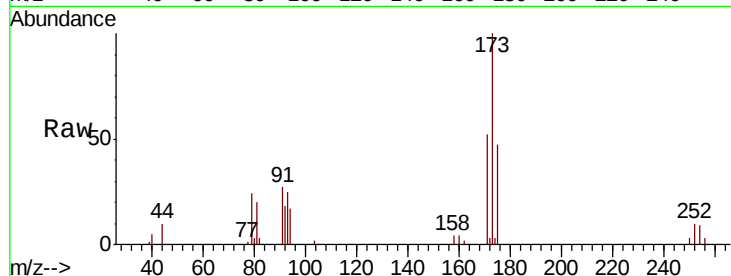
Tot Ion:173 Resp: 14648

Ion Ratio Lower Upper

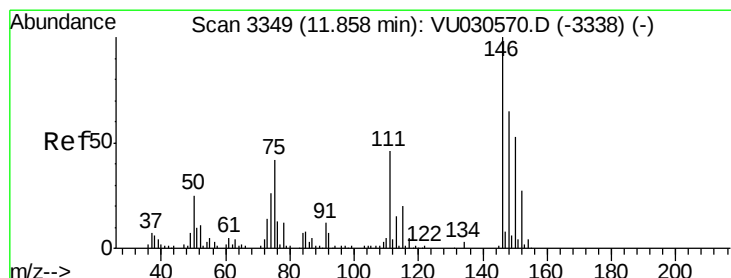
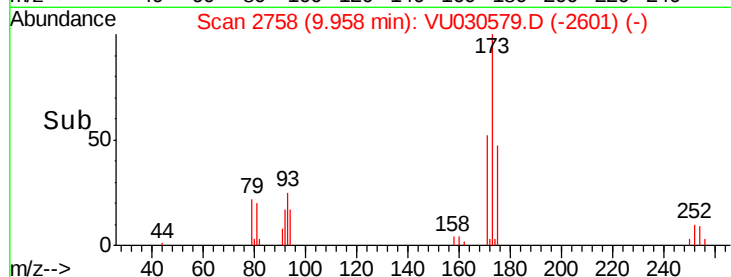
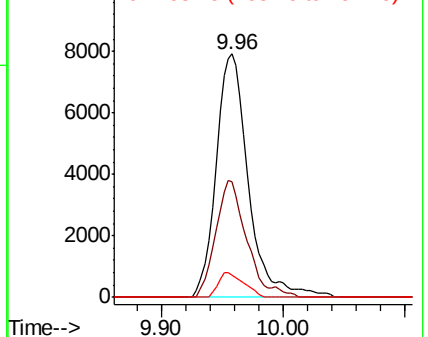
173 100

175 46.3 38.6 57.8

254 8.1 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: 2.153 ug/l

RT: 11.86 min Scan# 3349

Delta R.T. 0.00 min

Lab File: VU030579.D

Acq: 30 Mar 2019 19:17

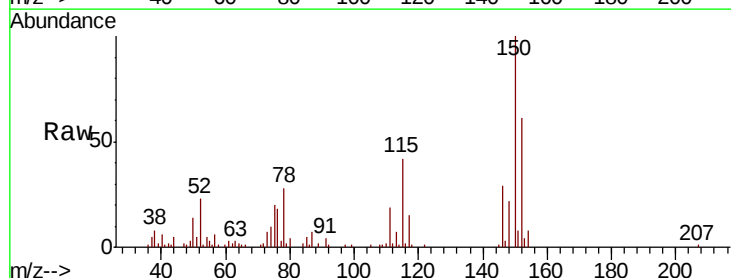
Tgt Ion:152 Resp: 18107

Ion Ratio Lower Upper

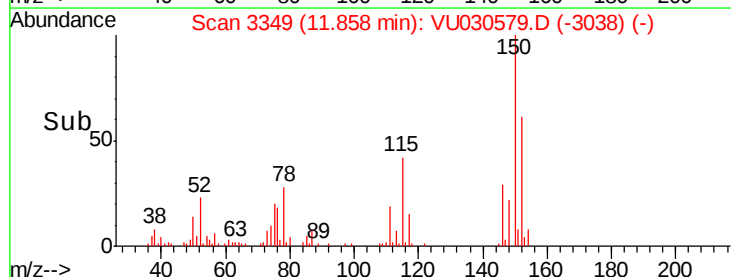
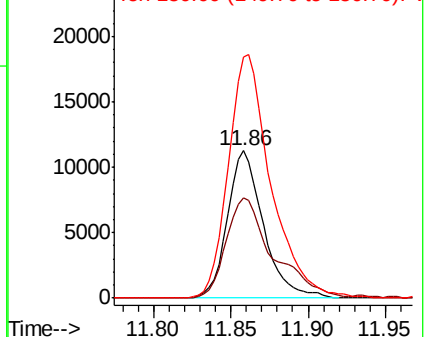
152 100

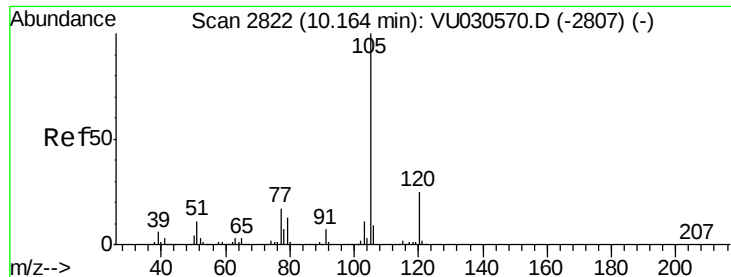
115 88.4 0.0 136.2

150 195.7 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: 1.934 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. 0.00 min

Lab File: VU030579.D

Acq: 30 Mar 2019 19:17

Instrument :

MSVOA_U

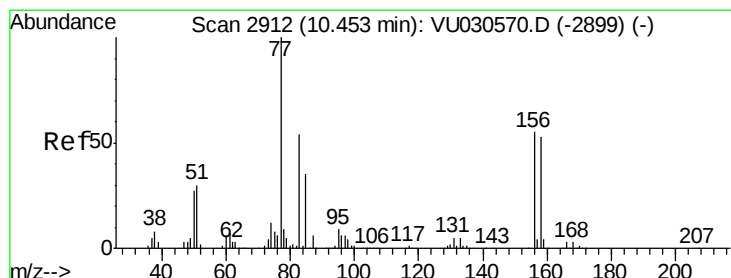
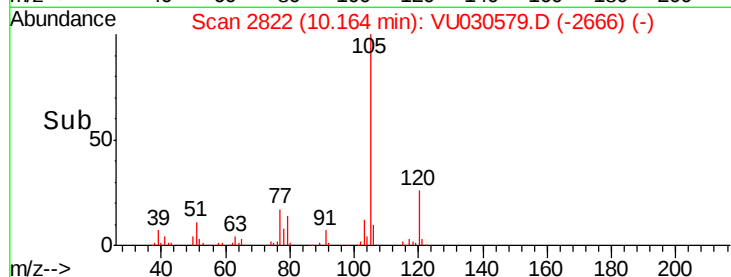
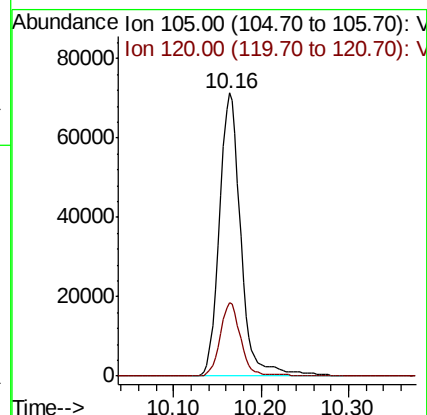
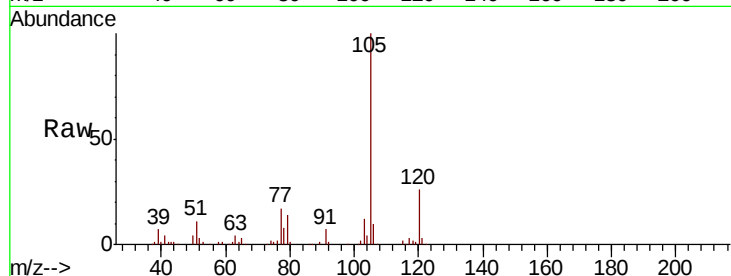
ClientSampleId :

Tot Ion:105 Resp: 121761

Ion Ratio Lower Upper

105 100

120 24.7 12.6 37.6



#70

1,1,2,2-Tetrachloroethane

Concen: 2.048 ug/l

RT: 10.46 min Scan# 2913

Delta R.T. 0.00 min

Lab File: VU030579.D

Acq: 30 Mar 2019 19:17

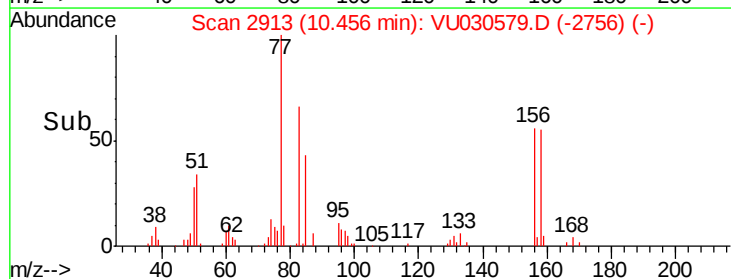
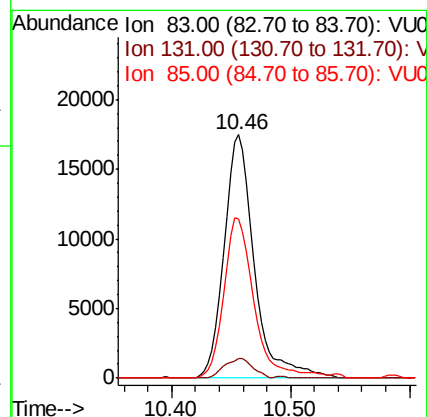
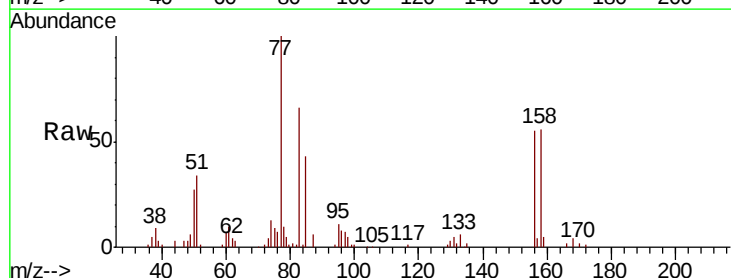
Tgt Ion: 83 Resp: 30719

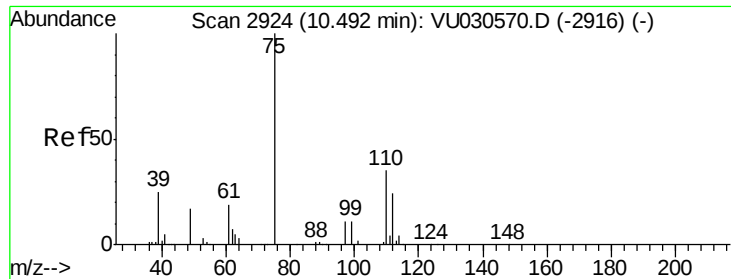
Ion Ratio Lower Upper

83 100

131 7.6 7.0 10.6

85 64.7 51.0 76.4





#71

1,2,3-Trichloropropane

Concen: 1.922 ug/l

RT: 10.49 min Scan# 2925

Delta R.T. 0.00 min

Lab File: VU030579.D

Acq: 30 Mar 2019 19:17

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 18379

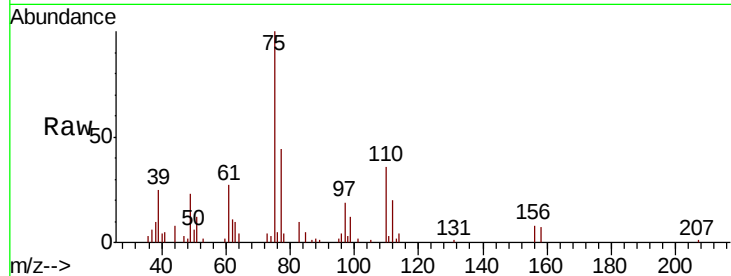
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

110 40.1 0.0 83.8

97 21.4 0.0 42.8

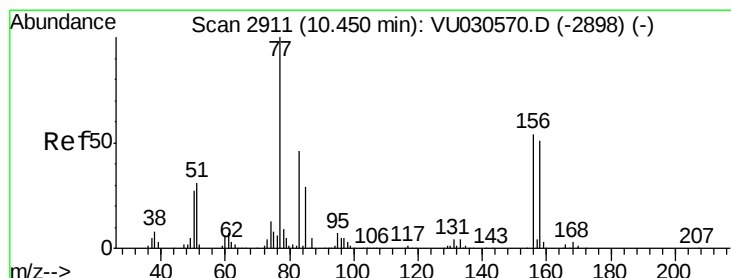
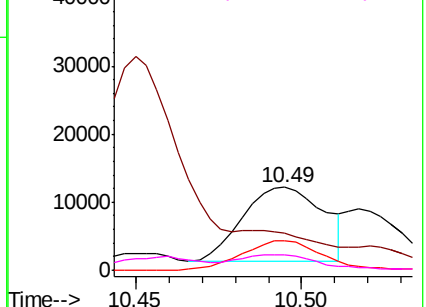
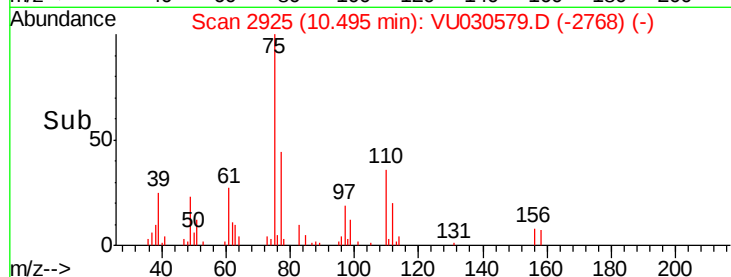


Abundance Ion 75.00 (74.70 to 75.70): VU030570.D (-2916) (-)

Ion 77.00 (76.70 to 77.70): VU030570.D (-2916) (-)

Ion 110.00 (109.70 to 110.70): VU030570.D (-2916) (-)

Ion 97.00 (96.70 to 97.70): VU030570.D (-2916) (-)



#72

Bromobenzene

Concen: 2.003 ug/l

RT: 10.45 min Scan# 2911

Delta R.T. 0.00 min

Lab File: VU030579.D

Acq: 30 Mar 2019 19:17

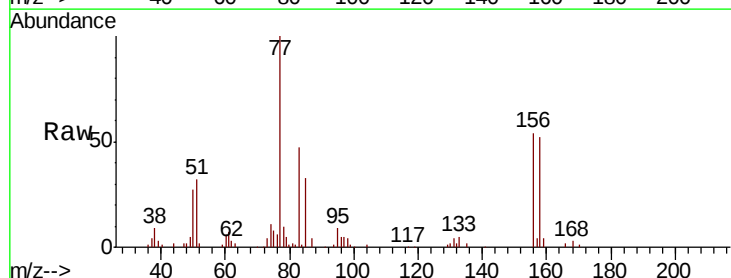
Tgt Ion: 156 Resp: 30250

Ion Ratio Lower Upper

156 100

77 178.0 0.0 363.0

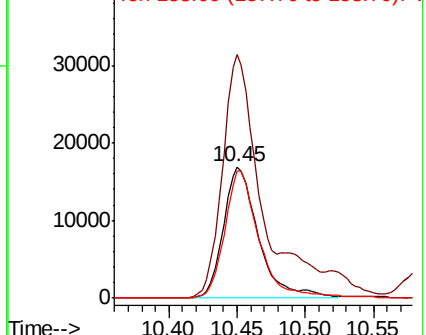
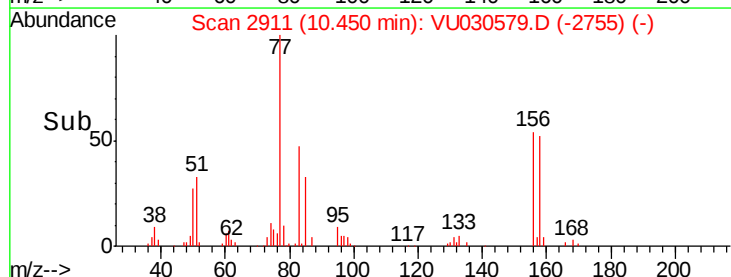
158 94.7 0.0 193.2

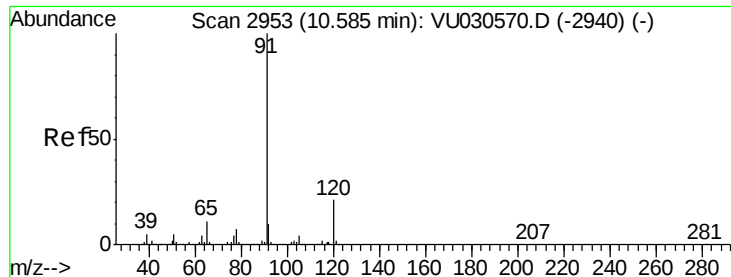


Abundance Ion 156.00 (155.70 to 156.70): VU030570.D (-2898) (-)

Ion 77.00 (76.70 to 77.70): VU030570.D (-2898) (-)

Ion 158.00 (157.70 to 158.70): VU030570.D (-2898) (-)





#73

n-propylbenzene

Concen: 1.903 ug/l

RT: 10.58 min Scan# 2953

Delta R.T. 0.00 min

Lab File: VU030579.D

Acq: 30 Mar 2019 19:17

Instrument :

MSVOA_U

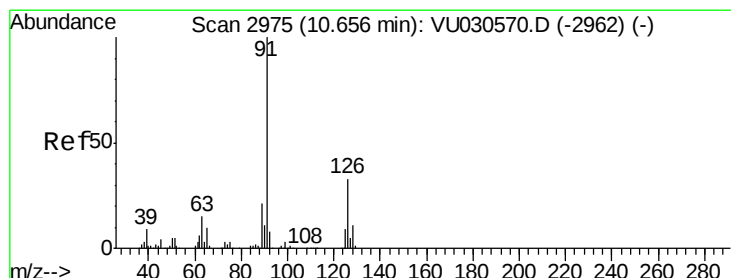
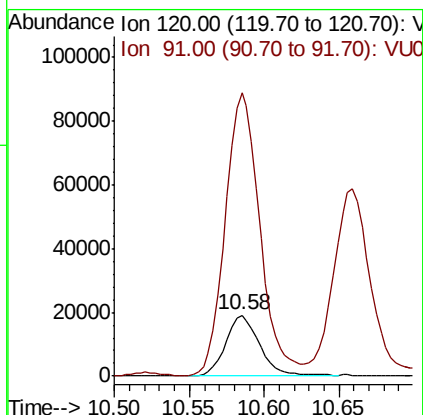
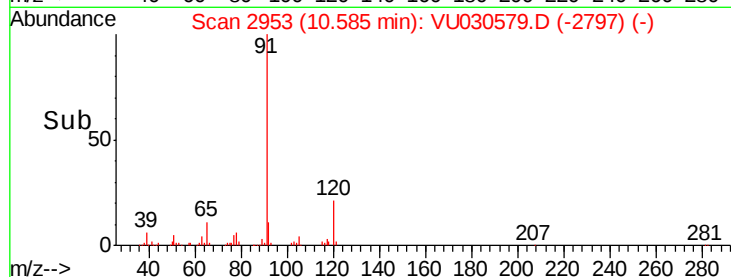
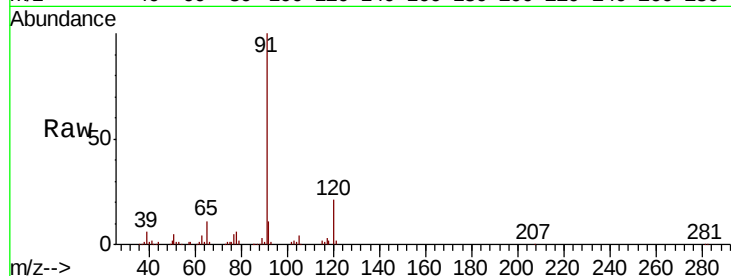
ClientSampleId :

Tot Ion:120 Resp: 30706

Ion Ratio Lower Upper

120 100

91 466.4 371.6 557.4



#74

2-Chlorotoluene

Concen: 1.942 ug/l

RT: 10.66 min Scan# 2976

Delta R.T. 0.00 min

Lab File: VU030579.D

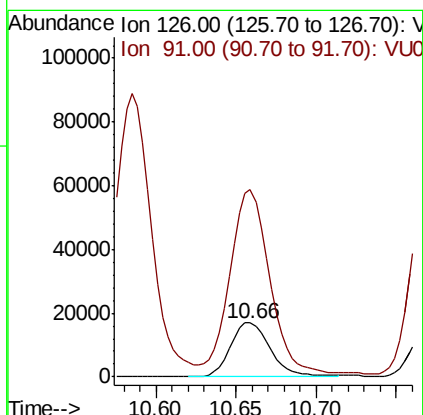
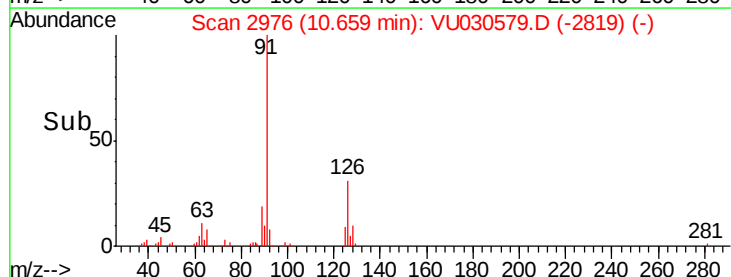
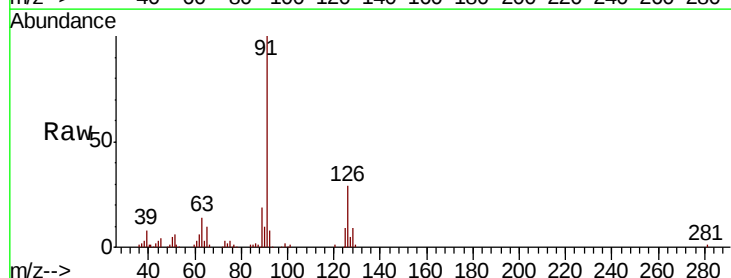
Acq: 30 Mar 2019 19:17

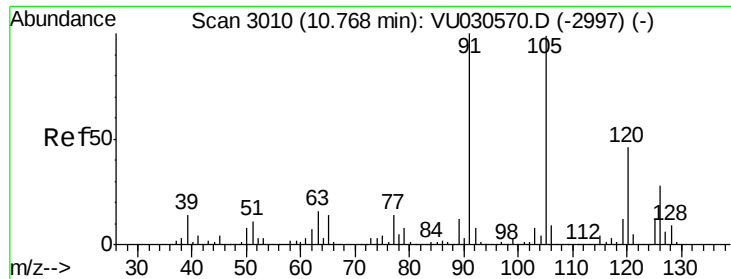
Tgt Ion:126 Resp: 29073

Ion Ratio Lower Upper

126 100

91 335.4 0.0 656.8





#75

1,3,5-Trimethylbenzene

Concen: 1.921 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. 0.00 min

Lab File: VU030579.D

Acq: 30 Mar 2019 19:17

Instrument :

MSVOA_U

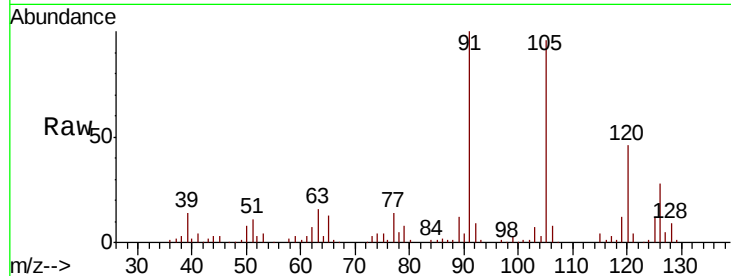
ClientSampled :

Tot Ion:105 Resp: 101670

Ion Ratio Lower Upper

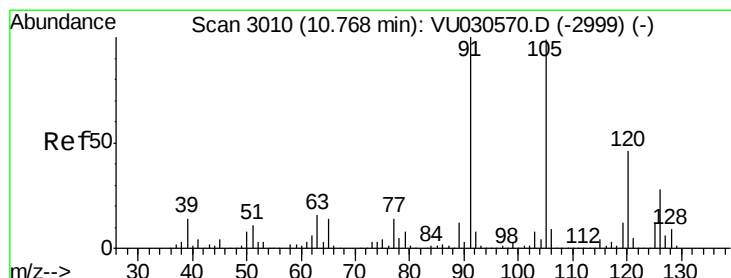
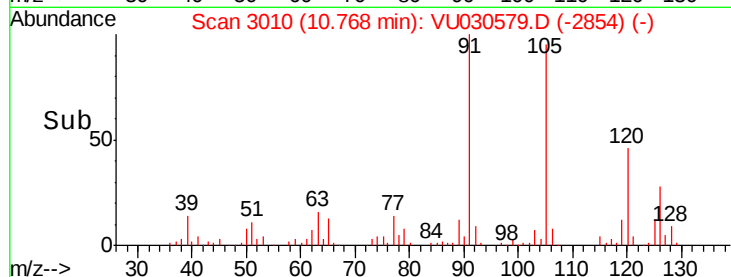
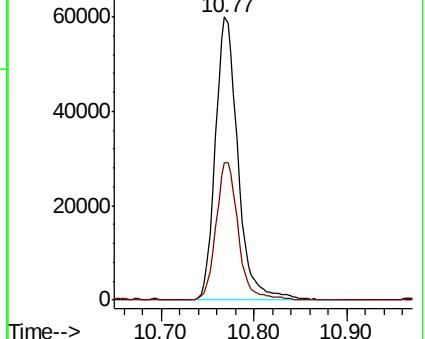
105 100

120 48.0 37.6 56.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 1.955 ug/l

RT: 10.77 min Scan# 3011

Delta R.T. 0.00 min

Lab File: VU030579.D

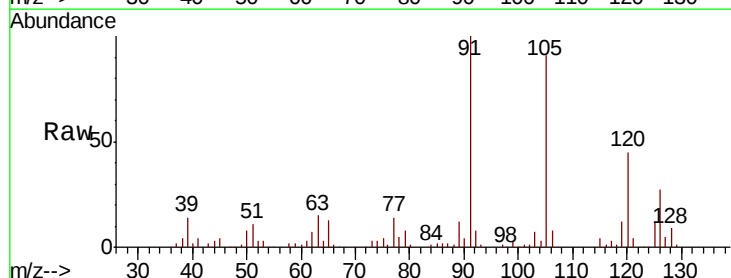
Acq: 30 Mar 2019 19:17

Tgt Ion:126 Resp: 29749

Ion Ratio Lower Upper

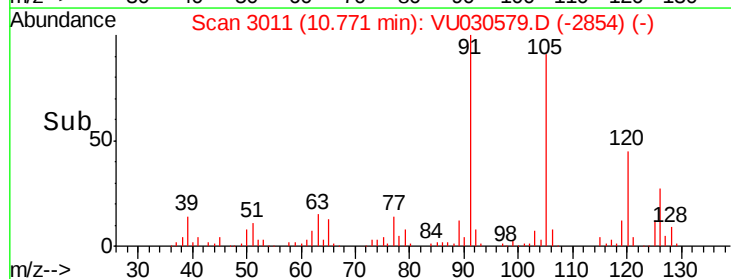
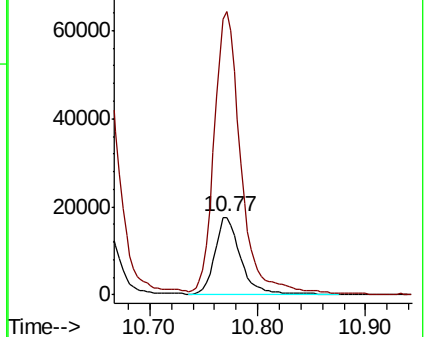
126 100

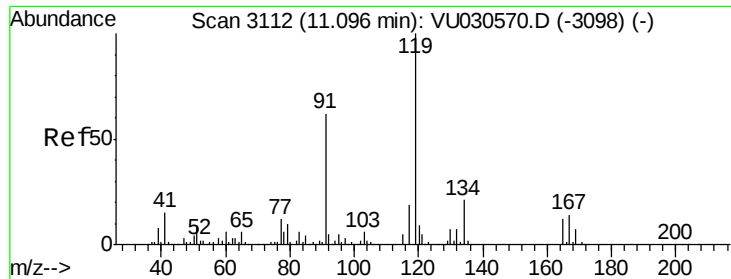
91 368.4 0.0 721.6



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

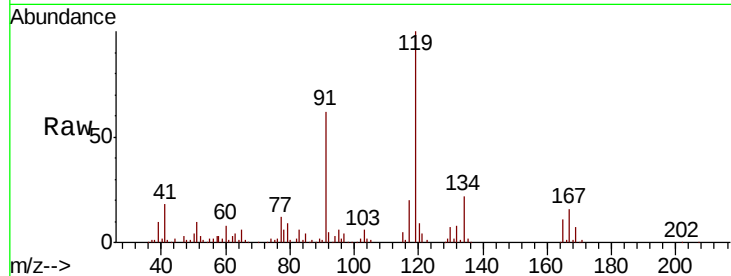




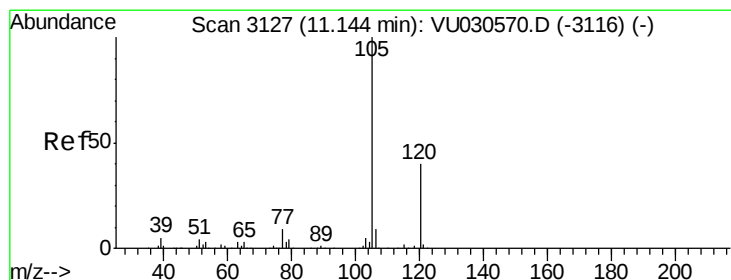
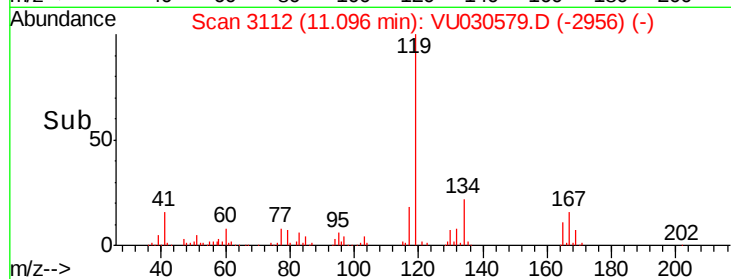
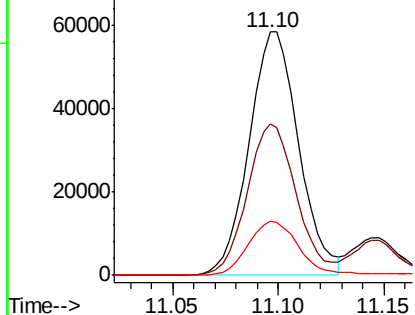
#77
tert-Butylbenzene
Concen: 1.912 ug/l
RT: 11.10 min Scan# 3112
Delta R.T. 0.00 min
Lab File: VU030579.D
Acq: 30 Mar 2019 19:17

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.2	30.9	92.8
134	22.7	17.6	26.4

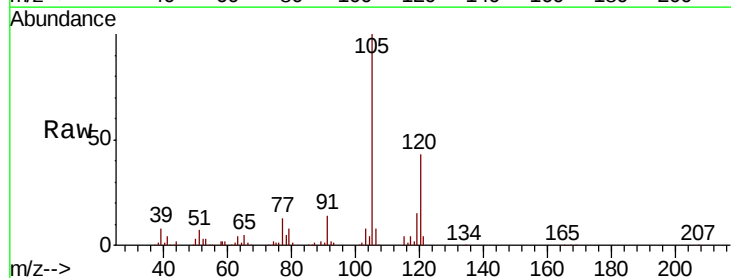


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

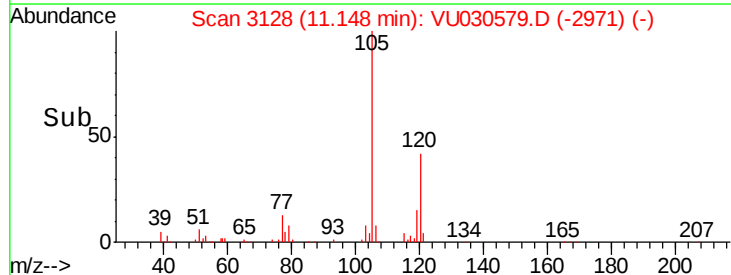
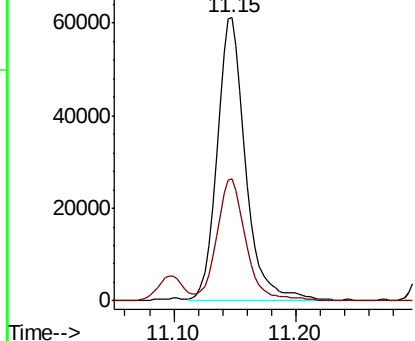


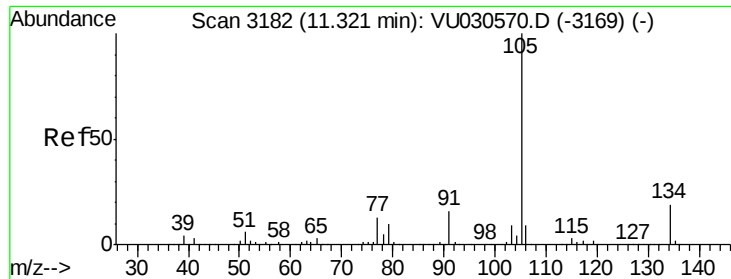
#78
1,2,4-Trimethylbenzene
Concen: 1.889 ug/l
RT: 11.15 min Scan# 3128
Delta R.T. 0.00 min
Lab File: VU030579.D
Acq: 30 Mar 2019 19:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.1	66.5



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

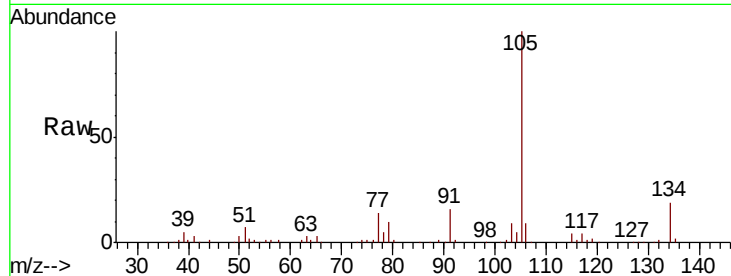




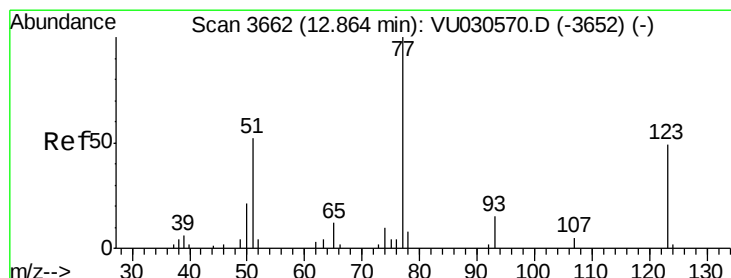
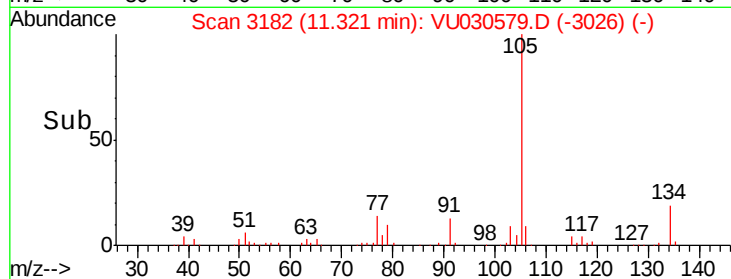
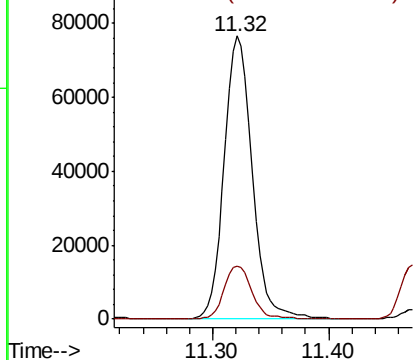
#79
 sec-Butylbenzene
 Concen: 1.865 ug/l
 RT: 11.32 min Scan# 3182
 Delta R.T. 0.00 min
 Lab File: VU030579.D
 Acq: 30 Mar 2019 19:17

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 105 Resp: 127026
 Ion Ratio Lower Upper
 105 100
 134 18.9 14.7 22.1

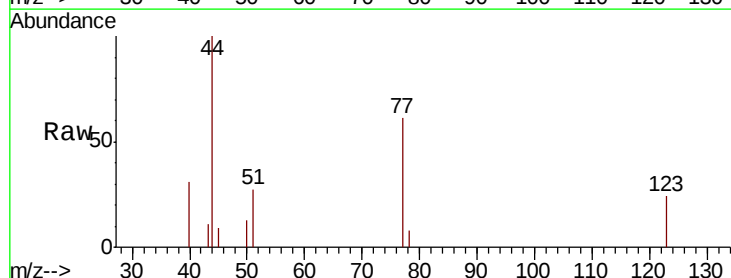


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

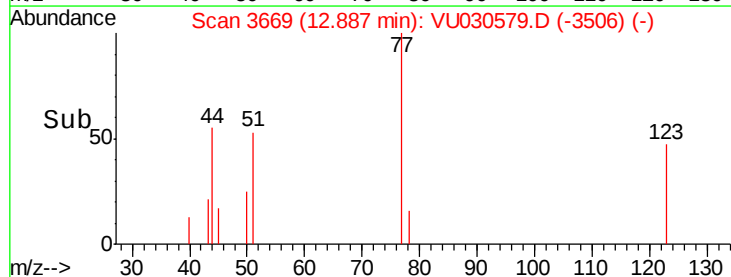
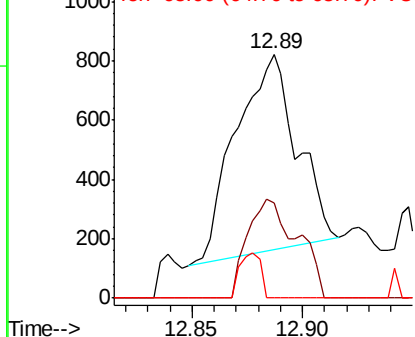


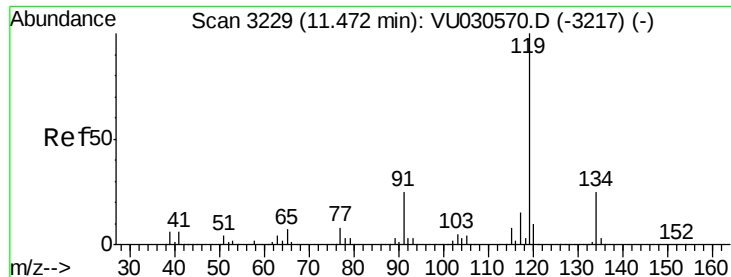
#80
 Nitrobenzene
 Concen: 6.266 ug/l
 RT: 12.89 min Scan# 3669
 Delta R.T. 0.02 min
 Lab File: VU030579.D
 Acq: 30 Mar 2019 19:17

Tgt Ion: 77 Resp: 1266
 Ion Ratio Lower Upper
 77 100
 123 41.2 17.5 62.1
 65 8.1 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

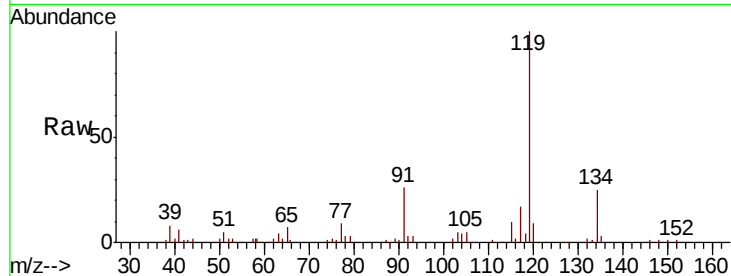




#81
 p-Isopropyltoluene
 Concen: 1.854 ug/l
 RT: 11.47 min Scan# 3229
 Delta R.T. 0.00 min
 Lab File: VU030579.D
 Acq: 30 Mar 2019 19:17

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.1	20.6	31.0
91	26.0	20.4	30.6

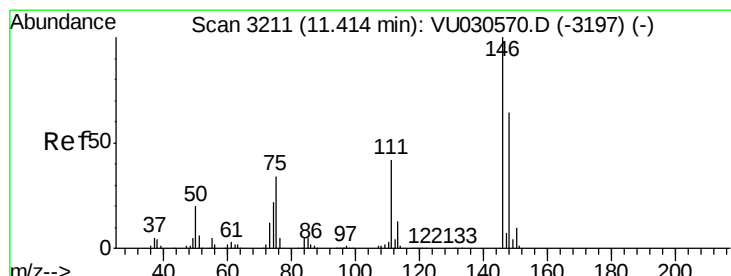
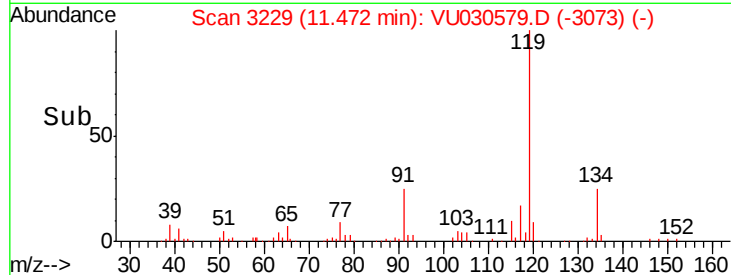
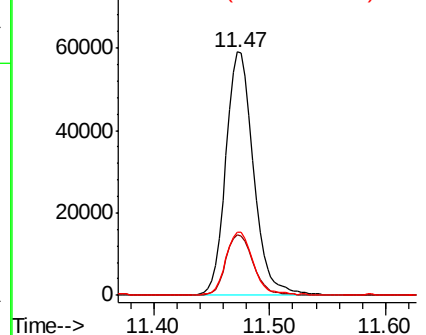


Abundance

Ion 119.00 (118.70 to 119.70): V

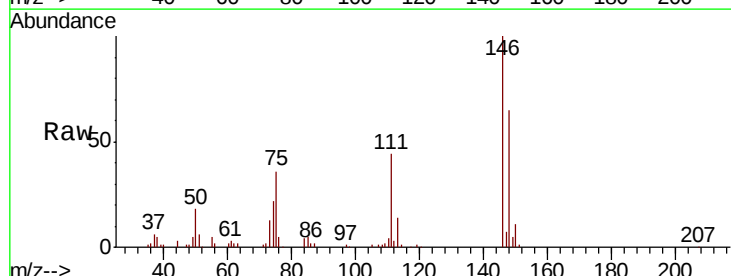
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#82
 1,3-Dichlorobenzene
 Concen: 1.986 ug/l
 RT: 11.41 min Scan# 3211
 Delta R.T. 0.00 min
 Lab File: VU030579.D
 Acq: 30 Mar 2019 19:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.3	34.0	51.0
148	65.3	51.0	76.6

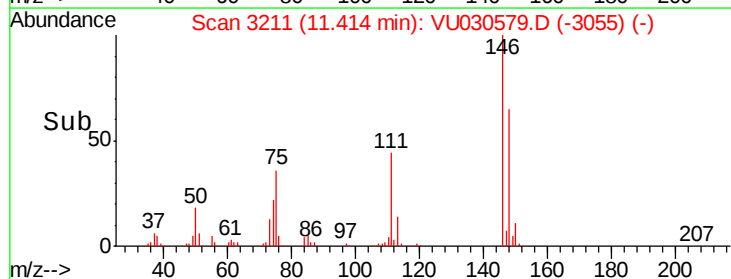
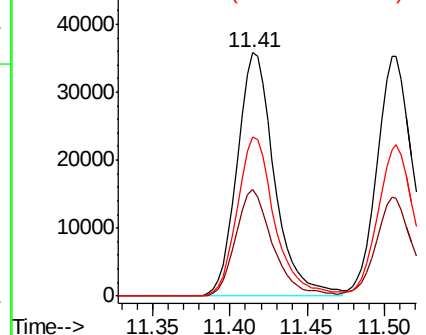


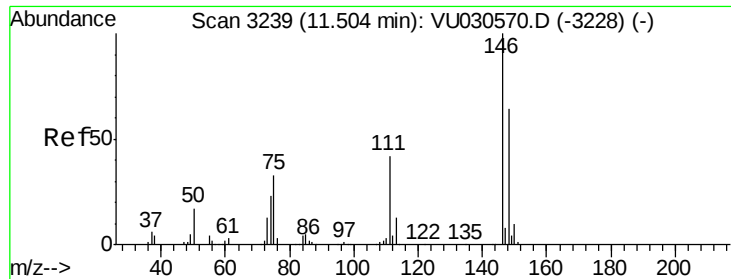
Abundance

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

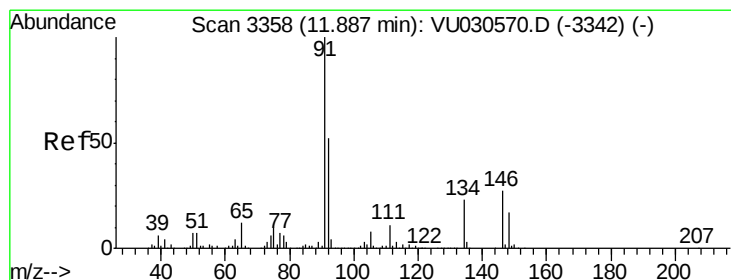
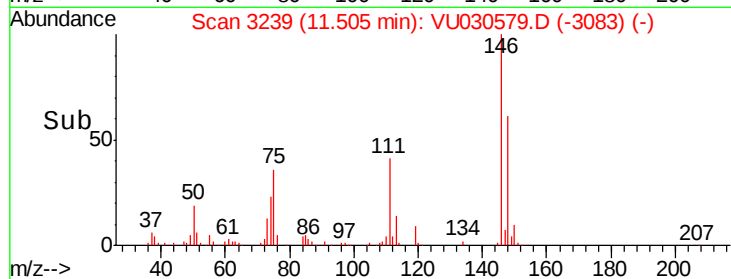
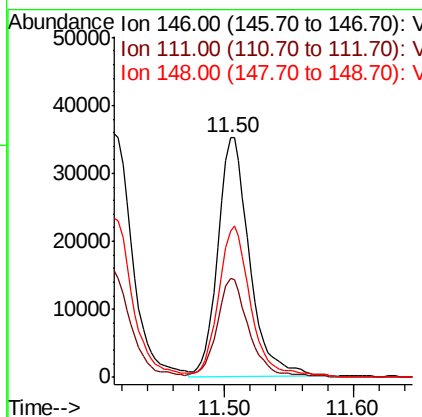
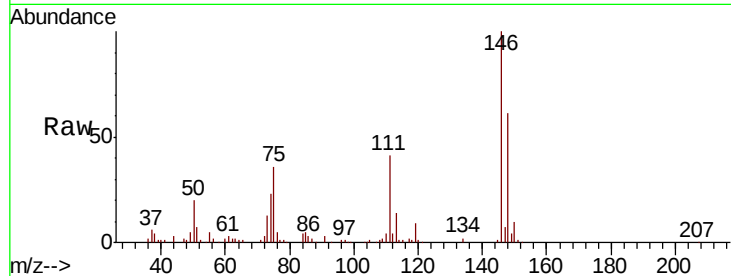




#83
 1,4-Dichlorobenzene
 Concen: 1.992 ug/l
 RT: 11.50 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: VU030579.D
 Acq: 30 Mar 2019 19:17

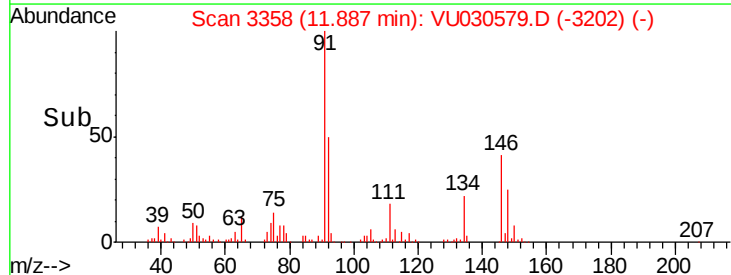
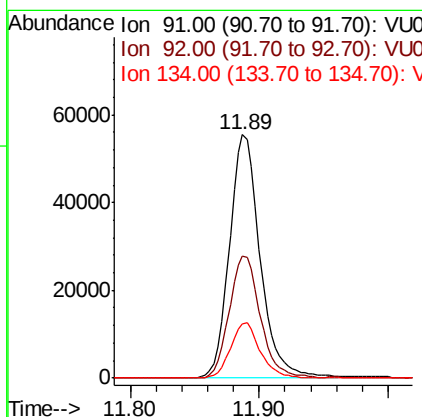
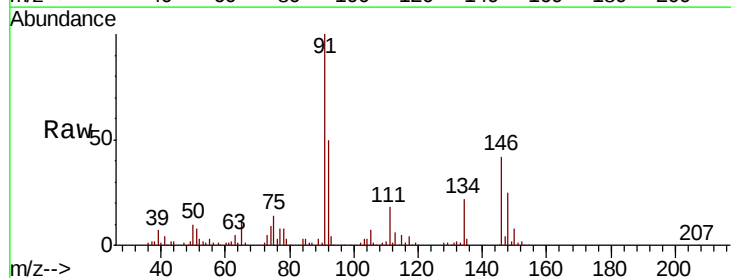
Instrument :
 MSVOA_U
 ClientSampled :

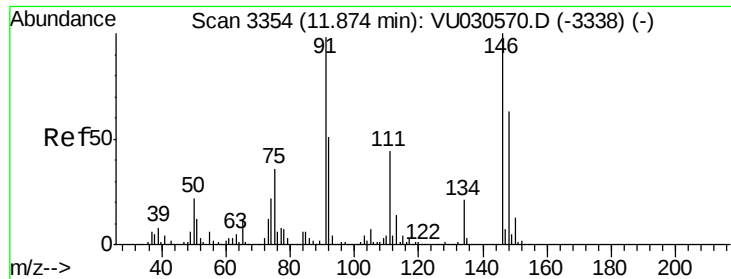
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	32.8	49.2
148	64.6	50.5	75.7



#84
 n-Butylbenzene
 Concen: 1.813 ug/l
 RT: 11.89 min Scan# 3358
 Delta R.T. 0.00 min
 Lab File: VU030579.D
 Acq: 30 Mar 2019 19:17

Tgt Ion	Ratio	Lower	Upper
91	100		
92	50.5	41.7	62.5
134	22.1	18.3	27.5





#85

1,2-Dichlorobenzene

Concen: 2.001 ug/l

RT: 11.88 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VU030579.D

Acq: 30 Mar 2019 19:17

Instrument :

MSVOA_U

ClientSampled :

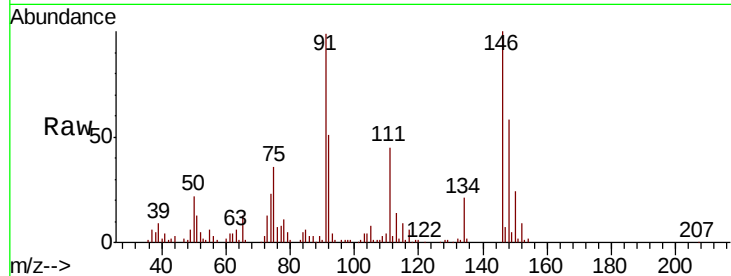
Tot Ion:146 Resp: 56843

Ion Ratio Lower Upper

146 100

111 46.8 21.9 65.5

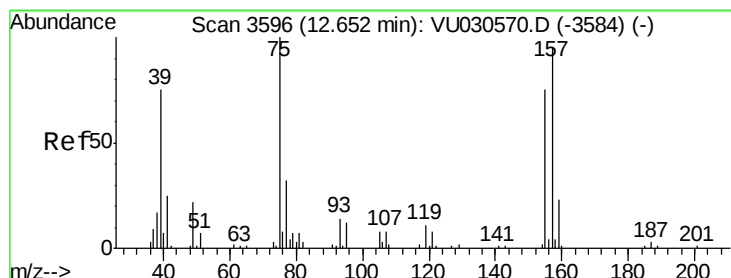
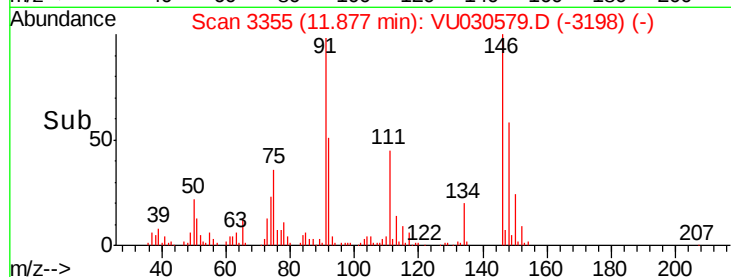
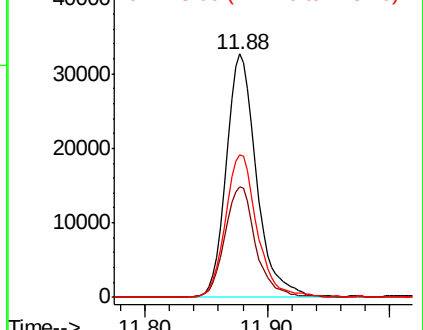
148 61.0 31.5 94.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#86

1,2-Dibromo-3-Chloropropane

Concen: 2.095 ug/l

RT: 12.66 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VU030579.D

Acq: 30 Mar 2019 19:17

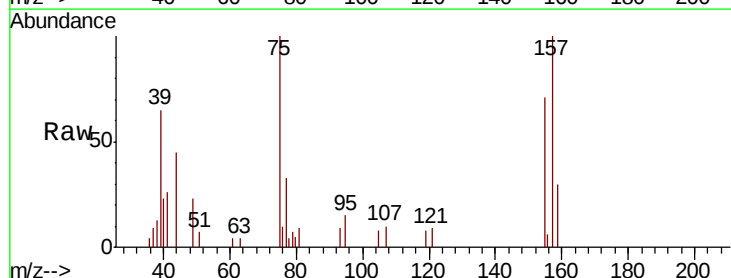
Tgt Ion: 75 Resp: 4607

Ion Ratio Lower Upper

75 100

155 71.8 59.7 89.5

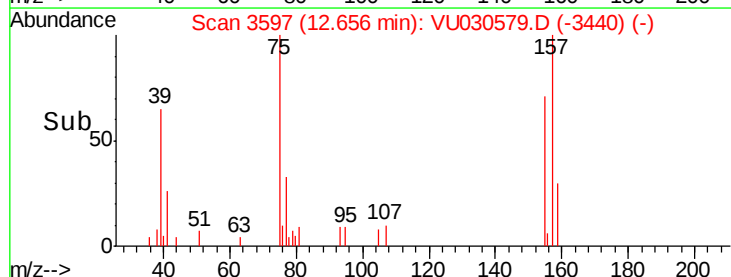
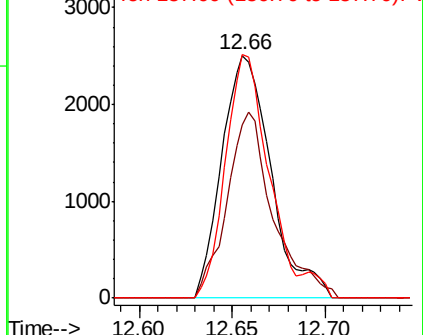
157 87.3 73.7 110.5

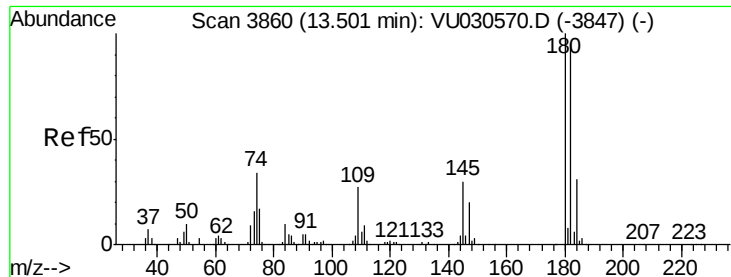


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

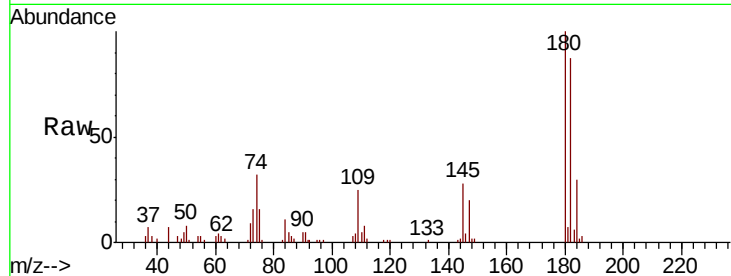




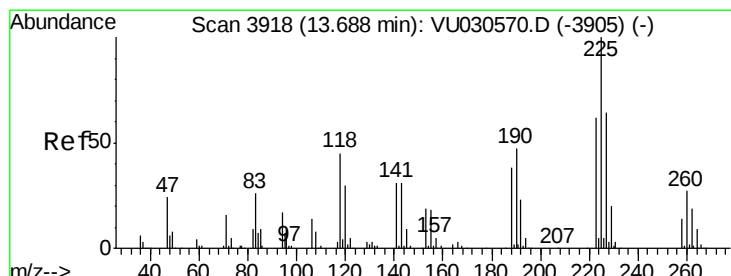
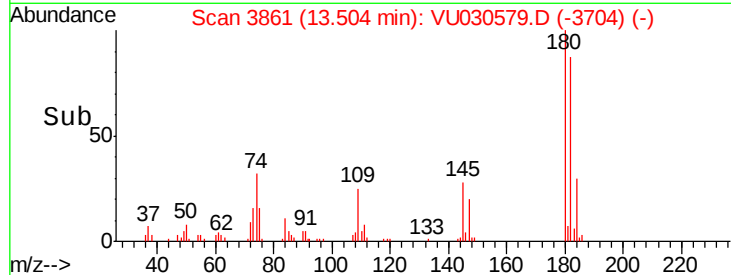
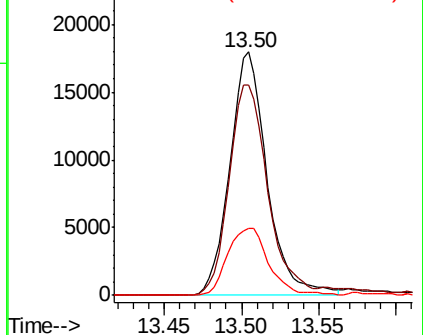
#87
 1,2,4-Trichlorobenzene
 Concen: 1.844 ug/l
 RT: 13.50 min Scan# 3861
 Delta R.T. 0.00 min
 Lab File: VU030579.D
 Acq: 30 Mar 2019 19:17

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180 Resp: 29902
 Ion Ratio Lower Upper
 180 100
 182 89.9 76.0 114.0
 145 30.7 24.3 36.5

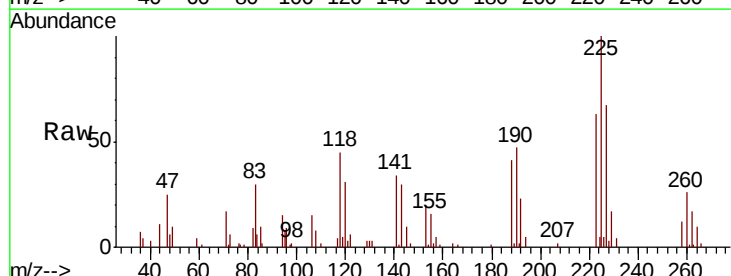


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

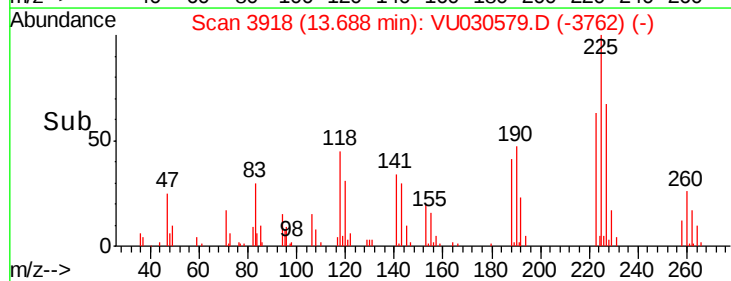
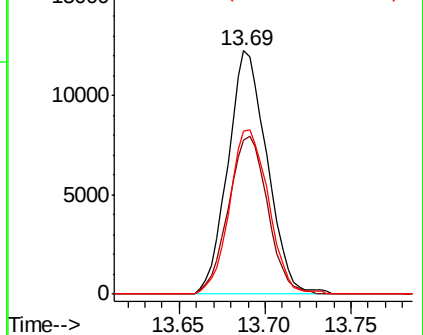


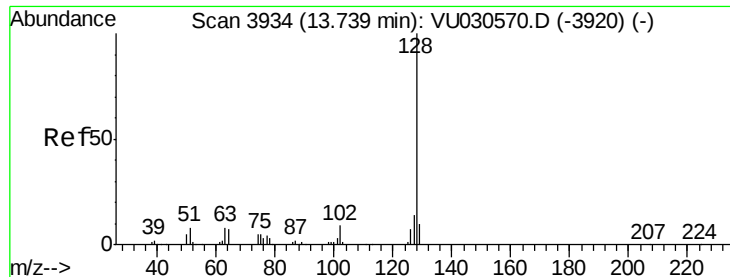
#88
 Hexachlorobutadiene
 Concen: 1.909 ug/l
 RT: 13.69 min Scan# 3918
 Delta R.T. 0.00 min
 Lab File: VU030579.D
 Acq: 30 Mar 2019 19:17

Tgt Ion:225 Resp: 19512
 Ion Ratio Lower Upper
 225 100
 223 64.8 50.7 76.1
 227 67.3 50.8 76.2



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





#89

Naphthalene

Concen: 1.693 ug/l

RT: 13.75 min Scan# 3936

Delta R.T. 0.01 min

Lab File: VU030579.D

Acq: 30 Mar 2019 19:17

Instrument :

MSVOA_U

ClientSampleId :

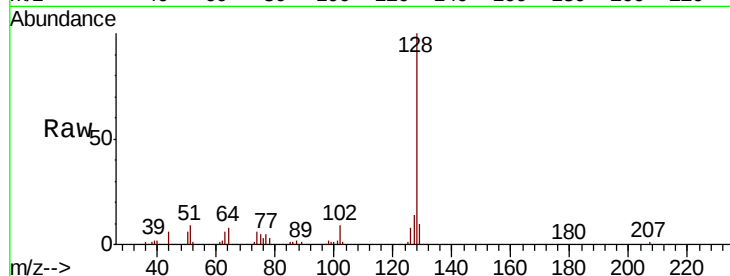
Tot Ion:128 Resp: 47921

Ion Ratio Lower Upper

128 100

127 14.9 10.4 15.6

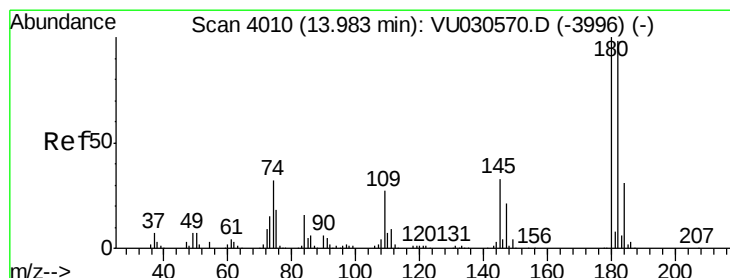
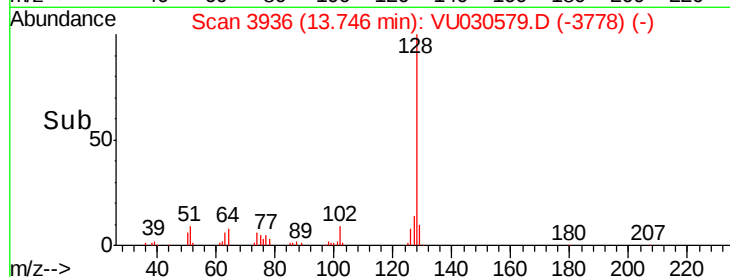
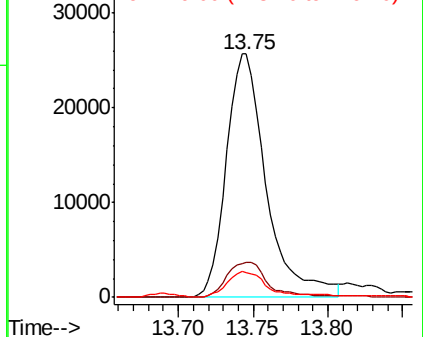
129 10.6 7.8 11.8



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: 1.927 ug/l

RT: 13.99 min Scan# 4011

Delta R.T. 0.00 min

Lab File: VU030579.D

Acq: 30 Mar 2019 19:17

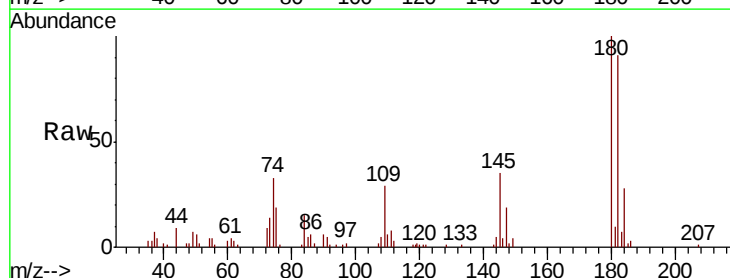
Tgt Ion:180 Resp: 29658

Ion Ratio Lower Upper

180 100

182 94.9 76.6 114.8

145 33.6 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

