

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033119\
 Data File : VU030569.D
 Acq On : 30 Mar 2019 11:15
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 31 00:44:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U033119DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sun Mar 31 00:38:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.74	96	55239	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	20727	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	19309	0.86	ug/l	0.00
Spiked Amount 1.000			Recovery	=	86.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.21	85	116199	5.536	ug/l	99
3) Chloromethane	1.33	50	147414	6.121	ug/l	100
4) Vinyl Chloride	1.40	62	131503	6.291	ug/l	98
5) Bromomethane	1.63	94	55171	4.839	ug/l	98
6) Chloroethane	1.70	64	72937	6.091	ug/l	99
7) Trichlorofluoromethane	1.88	101	146131	5.545	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	72093	5.106	ug/l	100
9) 1,1-Dichloroethene	2.28	96	73053	5.217	ug/l	99
10) Iodomethane	2.41	142	65072	5.405	ug/l	99
11) Allyl Chloride	2.59	41	162064	7.465	ug/l	100
12) Acrylonitrile	2.94	53	39437	12.377	ug/l	98
13) Acetone	2.32	43	87202	30.945	ug/l	99
14) Carbon Disulfide	2.47	76	266473	5.409	ug/l	100
15) Methylene Chloride	2.69	84	85543	5.092	ug/l	99
16) trans-1,2-Dichloroethene	2.97	96	82886	5.148	ug/l	97
17) 1,1-Dichloroethane	3.44	63	168999	5.987	ug/l	99
18) 2-Butanone	4.28	43	124388	31.823	ug/l	99
19) Cyclohexane	4.99	56	127736	5.259	ug/l	89
20) Methylcyclohexane	6.41	83	127785	4.982	ug/l	100
21) 2,2-Dichloropropane	4.22	77	128046	5.466	ug/l	99
22) cis-1,2-Dichloroethene	4.22	96	88123	4.938	ug/l	97
23) Diethyl Ether	2.10	59	68076	6.214	ug/l	99
24) tert-Butyl Alcohol	2.84	59	66466	56.841	ug/l	99
25) Methyl tert-Butyl Ether	3.00	73	209736	5.760	ug/l	99
26) Bromochloromethane	4.54	128	35339	4.604	ug/l	97
27) Chloroform	4.67	83	156859	5.355	ug/l	98
28) 1,1,1-Trichloroethane	4.91	97	131586	5.504	ug/l	99
29) 1,1-Dichloropropene	5.13	75	117689	5.416	ug/l	99
30) Carbon Tetrachloride	5.13	117	107919	5.092	ug/l	99
31) Isopropyl Ether	3.58	45	274566	6.651	ug/l	100
32) Ethyl-t-butyl ether	4.07	59	214900	5.622	ug/l	100
33) Tert-Amyl methyl ether	5.58	73	179593	5.229	ug/l	99
34) Propionitrile	4.34	54	35415	32.679	ug/l #	95
35) Benzene	5.38	78	344543	5.401	ug/l	99
36) 1,2-Dichloroethane	5.40	62	105412	6.013	ug/l	98
37) Trichloroethene	6.18	130	81837	4.601	ug/l	99
38) 1,2-Dichloropropane	6.43	63	97559	5.917	ug/l	100
39) Methacrylonitrile	4.55	41	31269	6.488	ug/l	98
40) Methyl acrylate	4.43	55	43472	5.927	ug/l	98
41) Tetrahydrofuran	4.65	42	33024	12.610	ug/l	96
42) 1-Chlorobutane	5.06	56	185793	6.320	ug/l	95

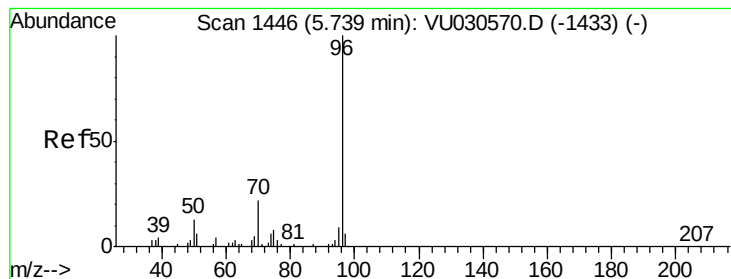
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033119\
 Data File : VU030569.D
 Acq On : 30 Mar 2019 11:15
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 31 00:44:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U033119DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sun Mar 31 00:38:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	43269	5.176	ug/l	96
44) Bromodichloromethane	6.75	83	112600	5.578	ug/l	100
45) 4-Methyl-2-Pentanone	7.46	43	286230	32.496	ug/l	98
46) t-1,4-Dichloro-2-butene	10.49	75	46866	14.515	ug/l #	86
47) Methyl methacrylate	6.62	69	76456	10.799	ug/l	99
48) Ethyl methacrylate	8.02	69	72228	5.436	ug/l	97
49) Toluene	7.63	92	191616	5.057	ug/l	100
50) t-1,3-Dichloropropene	7.88	75	99067	5.509	ug/l	99
51) cis-1,3-Dichloropropene	7.27	75	123079	5.488	ug/l	99
52) 1,1,2-Trichloroethane	8.06	97	57733	4.939	ug/l	98
53) 1,3-Dichloropropane	8.24	76	108086	5.436	ug/l	100
54) 2-Hexanone	8.36	43	193669	30.832	ug/l	99
55) Dibromochloromethane	8.47	129	66676	4.792	ug/l	97
56) 1,2-Dibromoethane	8.58	107	53441	4.797	ug/l	100
58) Tetrachloroethene	8.22	164	71443	4.430	ug/l	97
59) Chlorobenzene	9.12	112	212868	4.958	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.21	131	76201	5.058	ug/l	96
61) Pentachloroethane	11.10	117	58852	5.018	ug/l	99
62) Hexachloroethane	12.14	117	52291	4.558	ug/l	100
63) Ethyl Benzene	9.25	91	370209	5.174	ug/l	99
64) m/p-Xylenes	9.37	106	288768	10.444	ug/l	94
65) o-Xylene	9.77	106	135721	5.010	ug/l	100
66) Styrene	9.79	104	236121	5.274	ug/l	99
67) Bromoform	9.95	173	37367	4.739	ug/l	99
69) Isopropylbenzene	10.16	105	364430	5.110	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	81178	5.543	ug/l	99
71) 1,2,3-Trichloropropane	10.49	75	46866	4.412	ug/l #	98
72) Bromobenzene	10.45	156	83145	4.543	ug/l	98
73) n-propylbenzene	10.58	120	94801	4.745	ug/l	97
74) 2-Chlorotoluene	10.66	126	87133	4.960	ug/l	99
75) 1,3,5-Trimethylbenzene	10.77	105	316443	5.229	ug/l	99
76) 4-Chlorotoluene	10.77	126	89678	5.018	ug/l	98
77) tert-Butylbenzene	11.10	119	287293	4.878	ug/l	99
78) 1,2,4-Trimethylbenzene	11.14	105	311831	5.082	ug/l	100
79) sec-Butylbenzene	11.32	105	398166	5.038	ug/l	100
80) Nitrobenzene	12.88	77	3984	15.807	ug/l #	99
81) p-Isopropyltoluene	11.47	119	313113	4.788	ug/l	99
82) 1,3-Dichlorobenzene	11.41	146	169546	4.594	ug/l	99
83) 1,4-Dichlorobenzene	11.50	146	167707	4.521	ug/l	99
84) n-Butylbenzene	11.89	91	285987	4.647	ug/l	100
85) 1,2-Dichlorobenzene	11.88	146	155754	4.527	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	12007	5.694	ug/l	96
87) 1,2,4-Trichlorobenzene	13.50	180	90378	3.751	ug/l	99
88) Hexachlorobutadiene	13.69	225	57578	4.319	ug/l	99
89) Naphthalene	13.74	128	145698	3.854	ug/l	100
90) 1,2,3-Trichlorobenzene	13.98	180	85578	3.897	ug/l	97

(#) = 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: VU030569.D

Acq: 30 Mar 2019 11:15

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 96 Resp: 55239

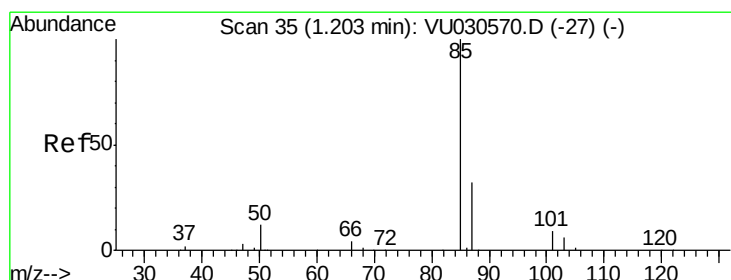
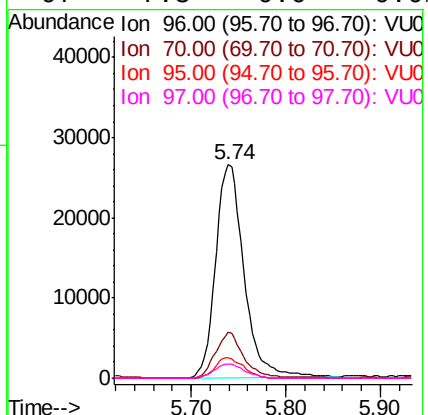
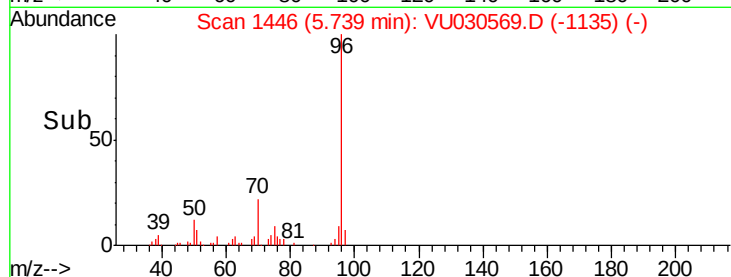
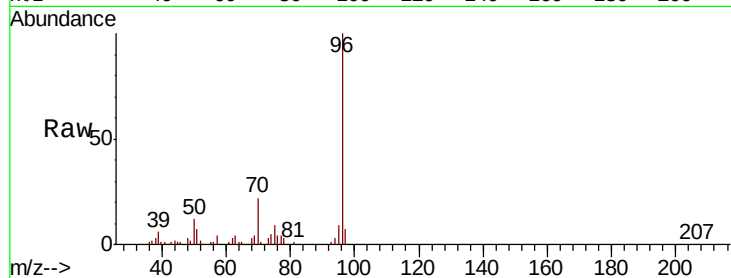
Ion Ratio Lower Upper

96 100

70 20.5 15.6 23.4

95 9.4 7.3 10.9

97 7.3 0.0 0.0#



#2

Dichlorodifluoromethane

Concen: 5.536 ug/l

RT: 1.21 min Scan# 36

Delta R.T. 0.00 min

Lab File: VU030569.D

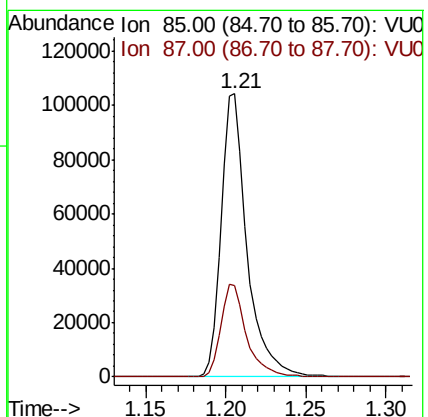
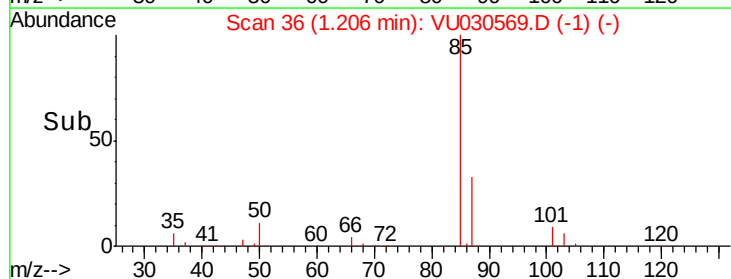
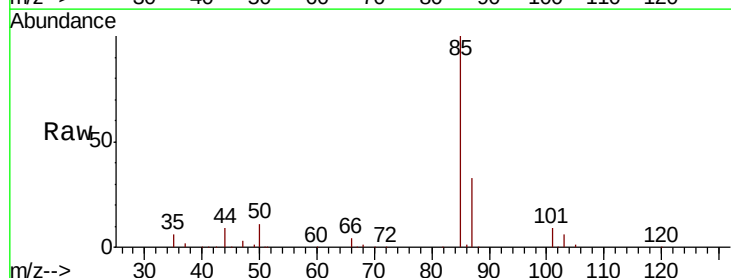
Acq: 30 Mar 2019 11:15

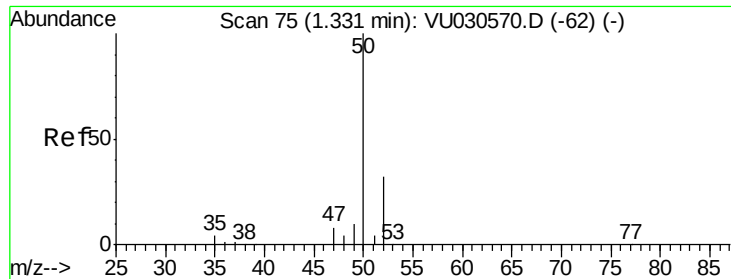
Tgt Ion: 85 Resp: 116199

Ion Ratio Lower Upper

85 100

87 32.5 15.9 47.6





#3

Chloromethane

Concen: 6.121 ug/l

RT: 1.33 min Scan# 75

Delta R.T. -0.00 min

Lab File: VU030569.D

Acq: 30 Mar 2019 11:15

Instrument :

MSVOA_U

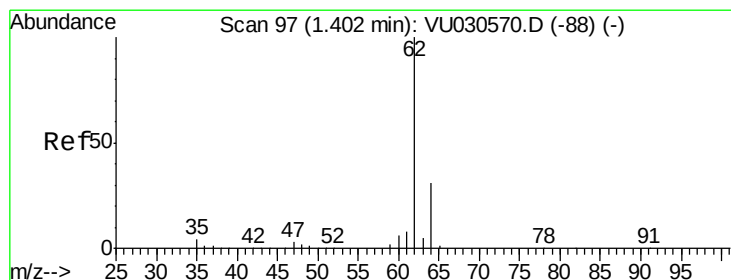
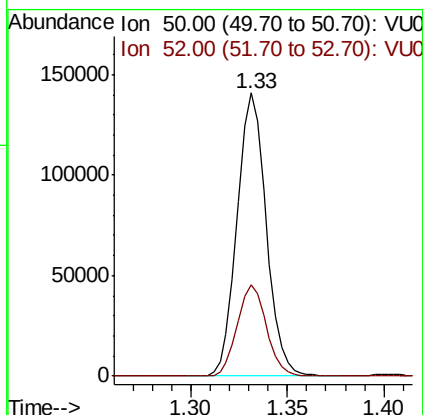
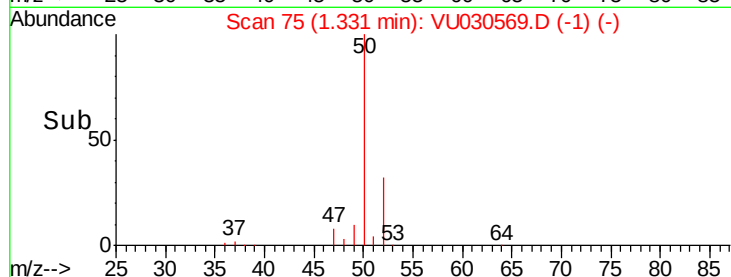
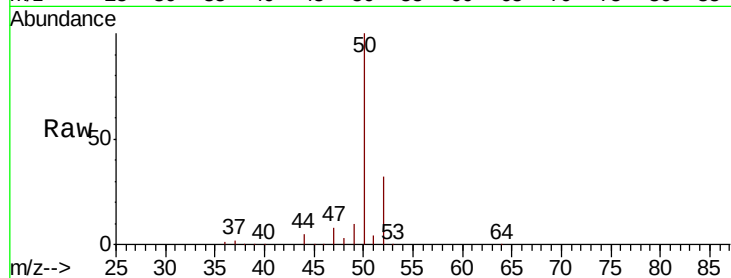
ClientSampled :

Tot Ion: 50 Resp: 147414

Ion Ratio Lower Upper

50 100

52 32.2 25.8 38.8



#4

Vinyl Chloride

Concen: 6.291 ug/l

RT: 1.40 min Scan# 97

Delta R.T. -0.00 min

Lab File: VU030569.D

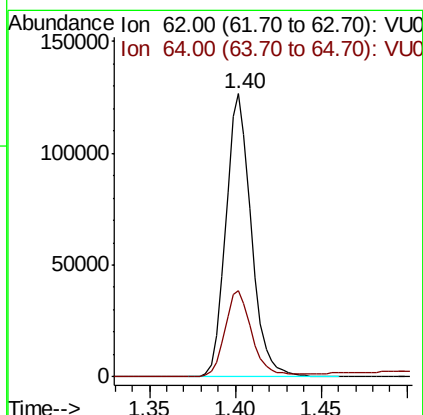
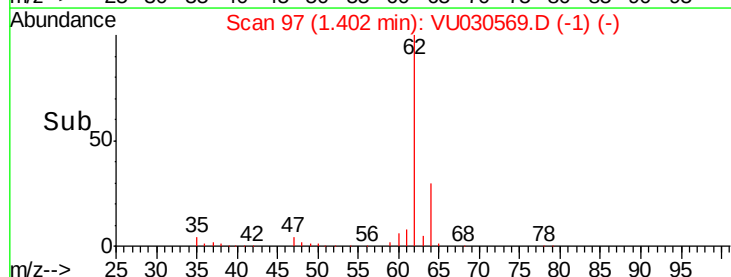
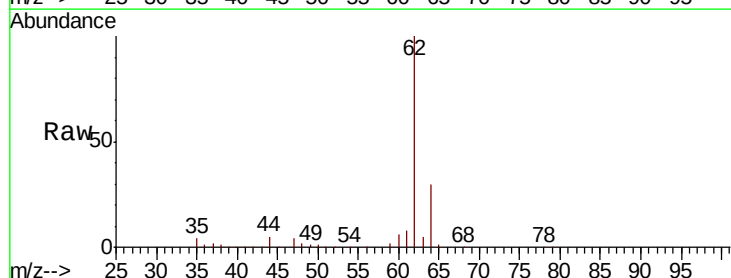
Acq: 30 Mar 2019 11:15

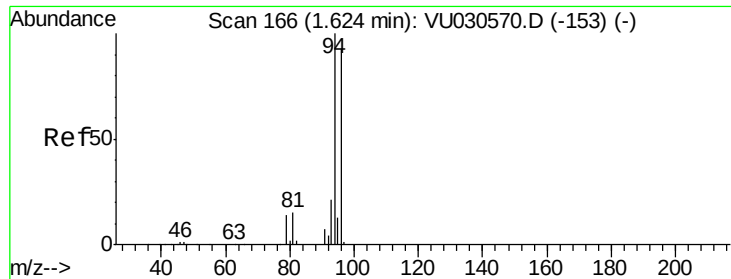
Tgt Ion: 62 Resp: 131503

Ion Ratio Lower Upper

62 100

64 30.2 25.1 37.7





#5

Bromomethane

Concen: 4.839 ug/l

RT: 1.63 min Scan# 167

Delta R.T. 0.00 min

Lab File: VU030569.D

Acq: 30 Mar 2019 11:15

Instrument :

MSVOA_U

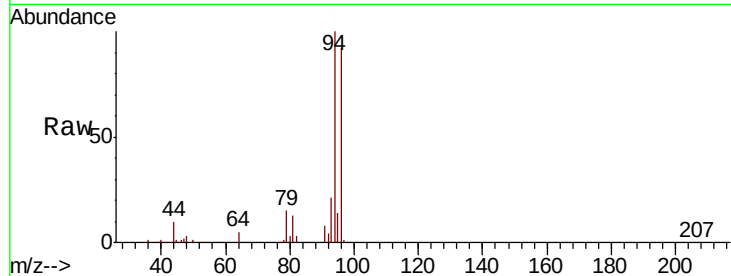
ClientSampleId :

Tot Ion: 94 Resp: 55171

Ion Ratio Lower Upper

94 100

96 91.9 74.8 112.2

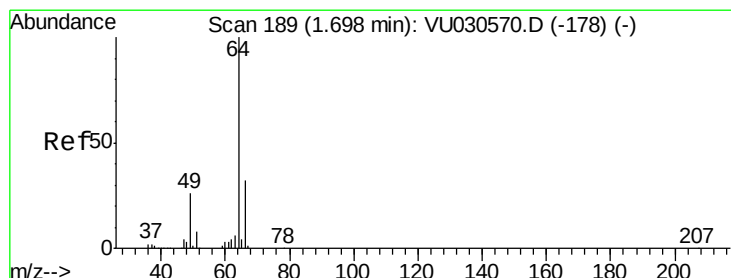
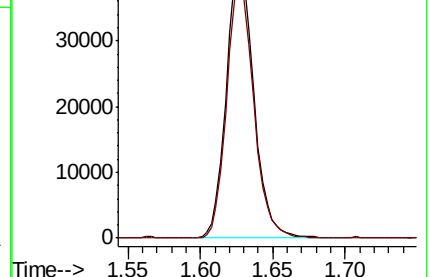
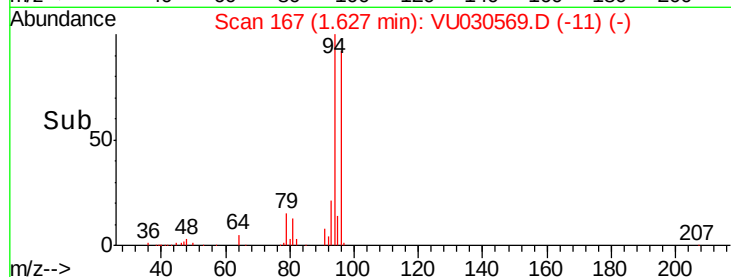


Abundance Ion 94.00 (93.70 to 94.70): VU030569.D (-153) (-)

Ion 96.00 (95.70 to 96.70): VU030569.D (-153) (-)

1.63

Time-->



#6

Chloroethane

Concen: 6.091 ug/l

RT: 1.70 min Scan# 189

Delta R.T. -0.00 min

Lab File: VU030569.D

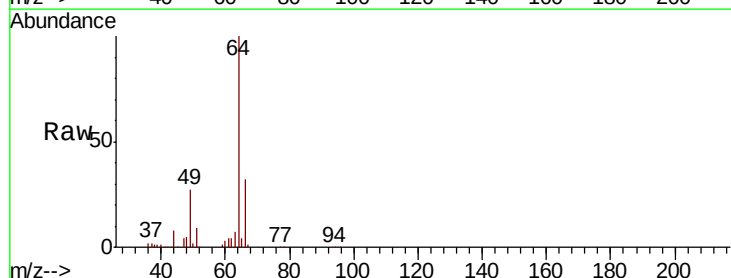
Acq: 30 Mar 2019 11:15

Tgt Ion: 64 Resp: 72937

Ion Ratio Lower Upper

64 100

66 32.2 25.5 38.3

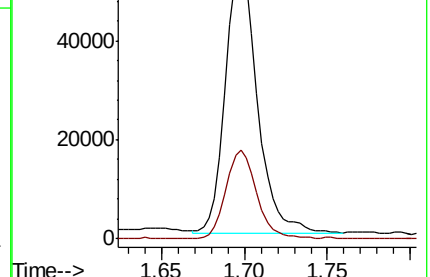
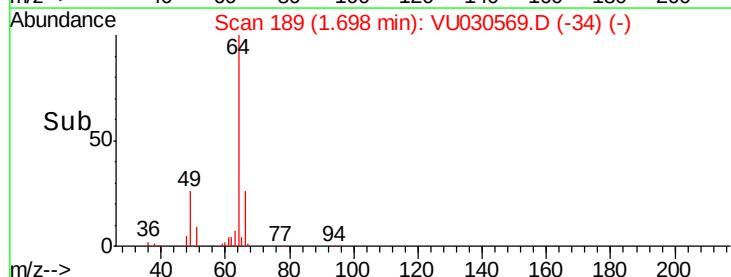


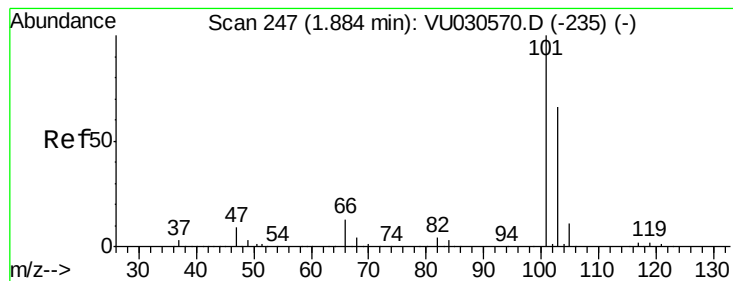
Abundance Ion 64.00 (63.70 to 64.70): VU030569.D (-178) (-)

Ion 66.00 (65.70 to 66.70): VU030569.D (-178) (-)

1.70

Time-->





#7

Trichlorofluoromethane

Concen: 5.545 ug/l

RT: 1.88 min Scan# 247

Delta R.T. -0.00 min

Lab File: VU030569.D

Acq: 30 Mar 2019 11:15

Instrument :

MSVOA_U

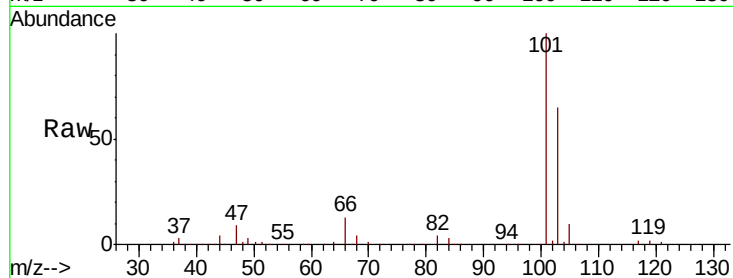
ClientSampleId :

Tot Ion:101 Resp: 146131

Ion Ratio Lower Upper

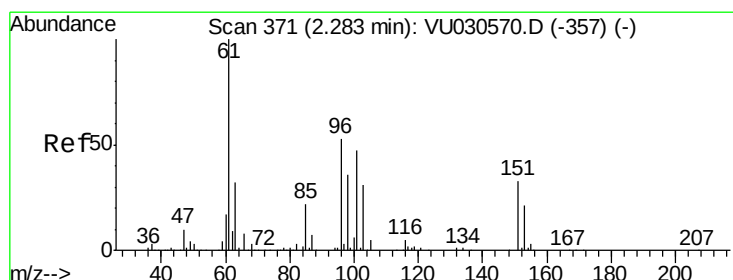
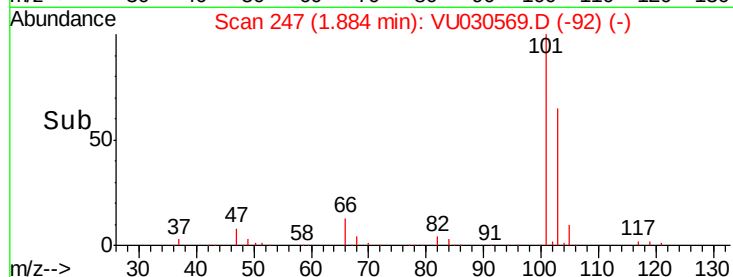
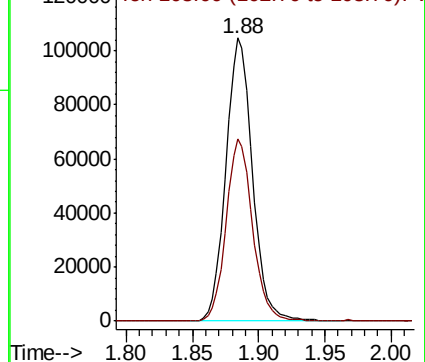
101 100

103 64.5 52.6 79.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.106 ug/l

RT: 2.29 min Scan# 372

Delta R.T. 0.00 min

Lab File: VU030569.D

Acq: 30 Mar 2019 11:15

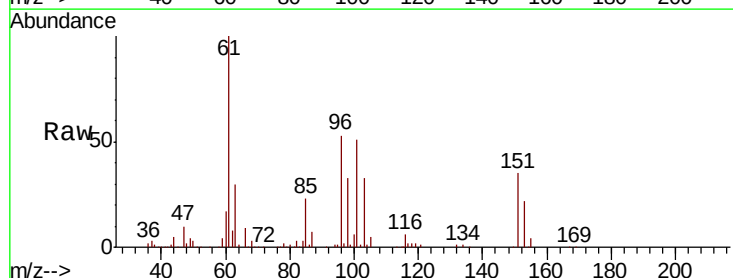
Tgt Ion:101 Resp: 72093

Ion Ratio Lower Upper

101 100

85 45.6 36.5 54.7

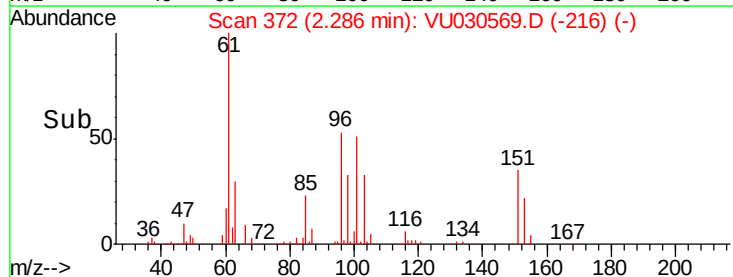
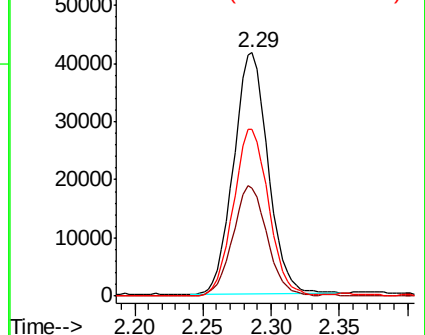
151 70.8 56.5 84.7

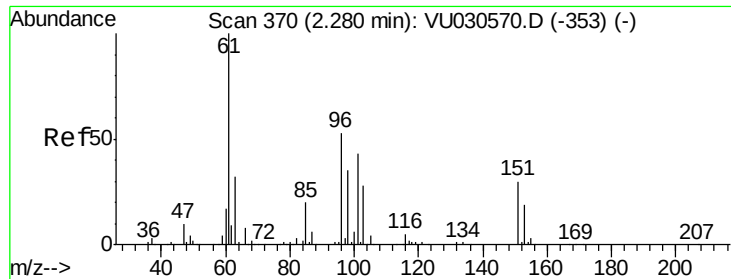


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 5.217 ug/l

RT: 2.28 min Scan# 371

Delta R.T. 0.00 min

Lab File: VU030569.D

Acq: 30 Mar 2019 11:15

Instrument :

MSVOA_U

ClientSampled :

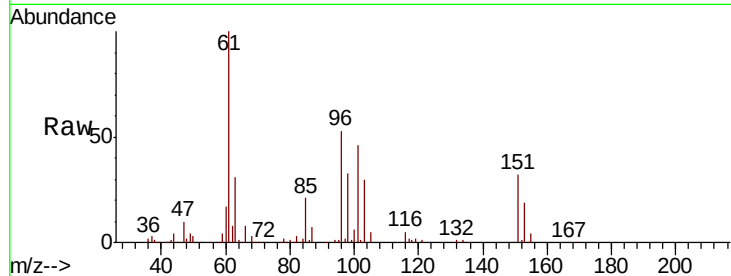
Tot Ion: 96 Resp: 73053

Ion Ratio Lower Upper

96 100

61 188.9 0.0 567.0

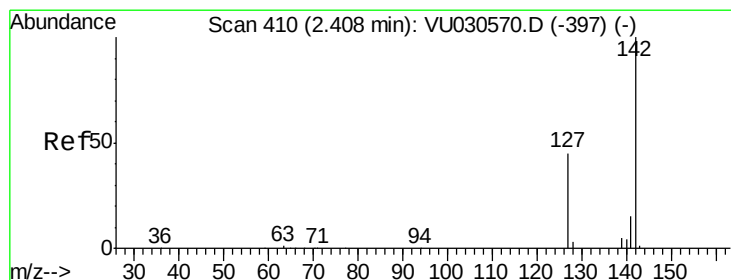
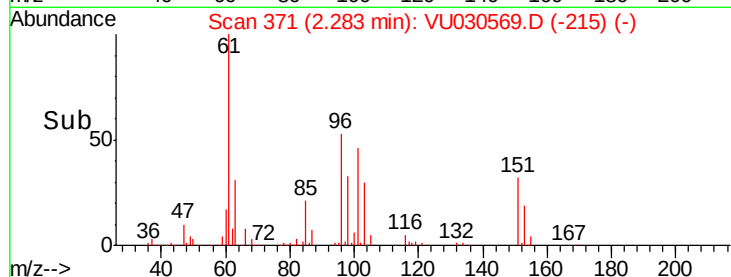
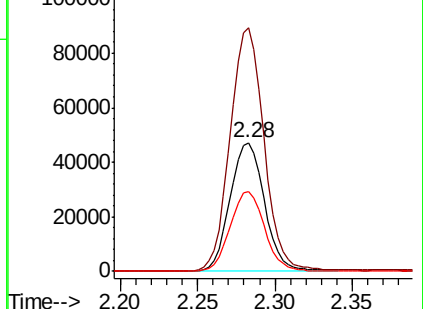
98 61.8 0.0 132.2



Abundance Ion 96.00 (95.70 to 96.70): VU030570.D (-353) (-)

Ion 61.00 (60.70 to 61.70): VU030570.D (-353) (-)

Ion 98.00 (97.70 to 98.70): VU030570.D (-353) (-)



#10

Iodomethane

Concen: 5.405 ug/l

RT: 2.41 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU030569.D

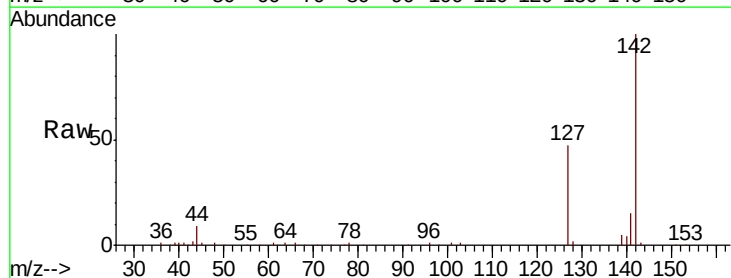
Acq: 30 Mar 2019 11:15

Tgt Ion:142 Resp: 65072

Ion Ratio Lower Upper

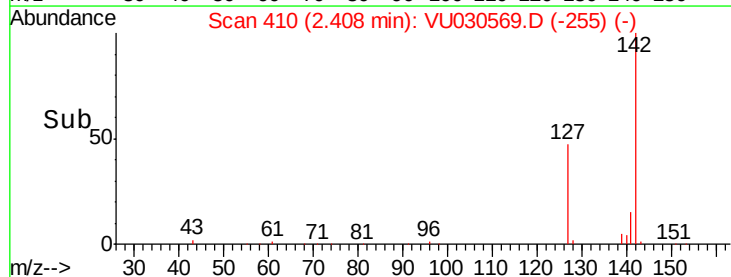
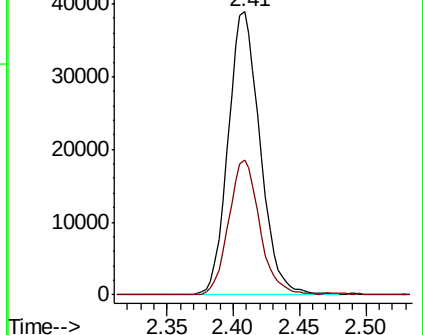
142 100

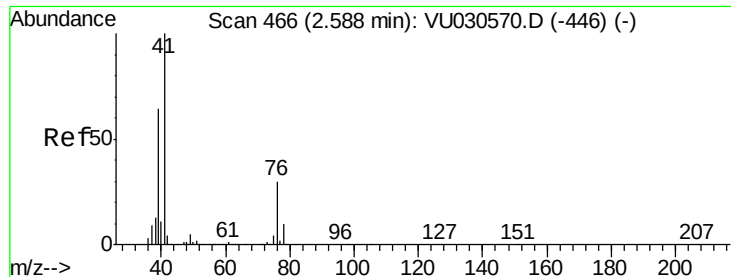
127 46.4 36.8 55.2



Abundance Ion 142.00 (141.70 to 142.70): VU030570.D (-397) (-)

Ion 127.00 (126.70 to 127.70): VU030570.D (-397) (-)

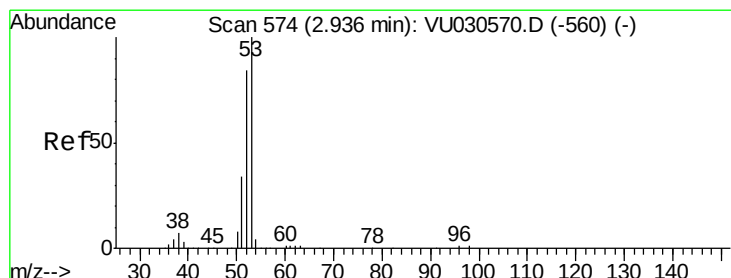
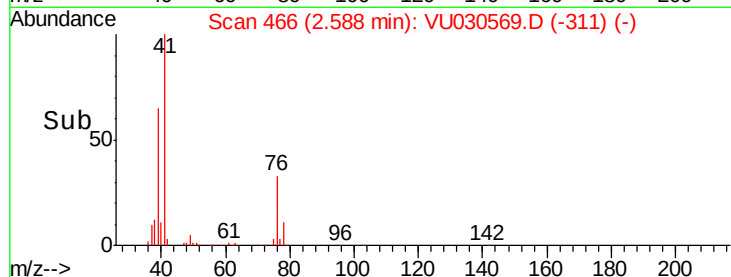
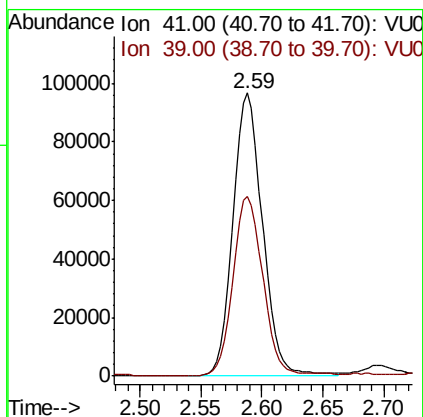
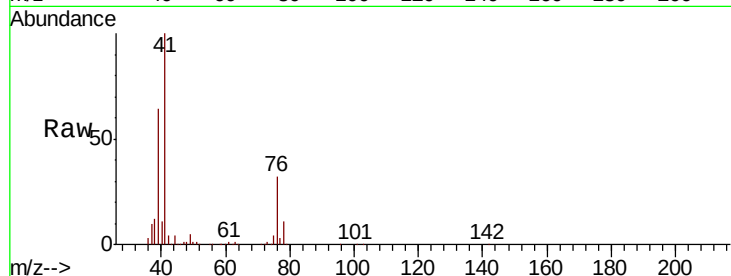




#11
Allvl Chloride
Concen: 7.465 ug/l
RT: 2.59 min Scan# 466
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

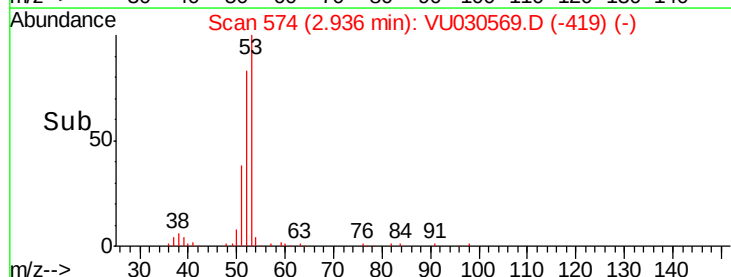
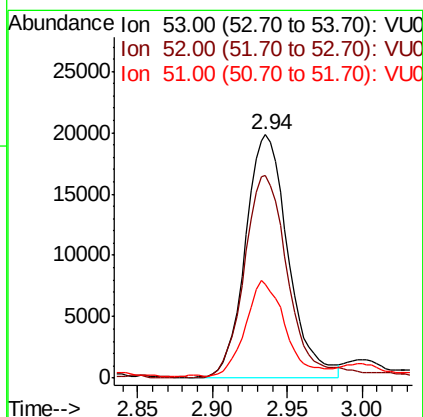
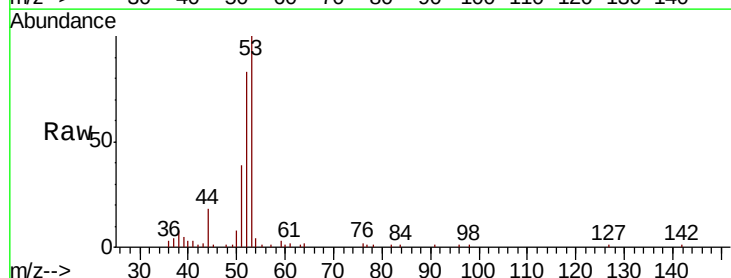
Instrument :
MSVOA_U
ClientSampled :

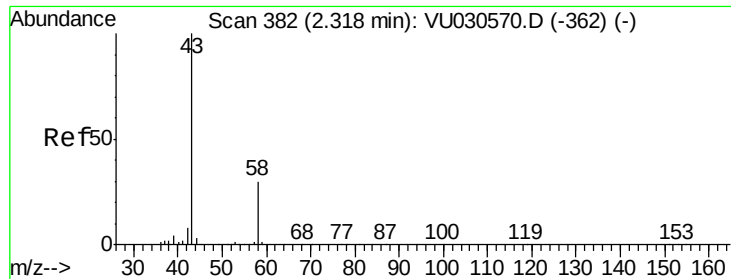
Tot Ion: 41 Resp: 162064
Ion Ratio Lower Upper
41 100
39 64.5 51.8 77.6



#12
Acrylonitrile
Concen: 12.377 ug/l
RT: 2.94 min Scan# 574
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion: 53 Resp: 39437
Ion Ratio Lower Upper
53 100
52 87.5 69.1 103.7
51 36.6 27.9 41.9





#13

Acetone

Concen: 30.945 ug/l

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030569.D

Acq: 30 Mar 2019 11:15

Instrument :

MSVOA_U

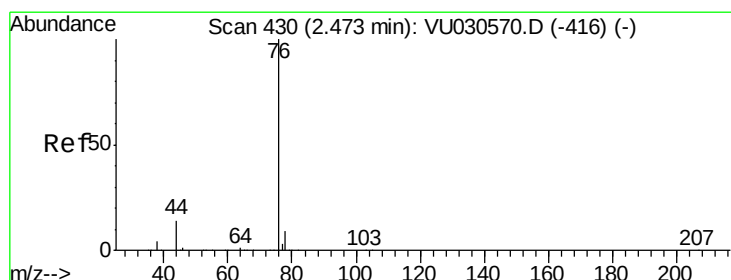
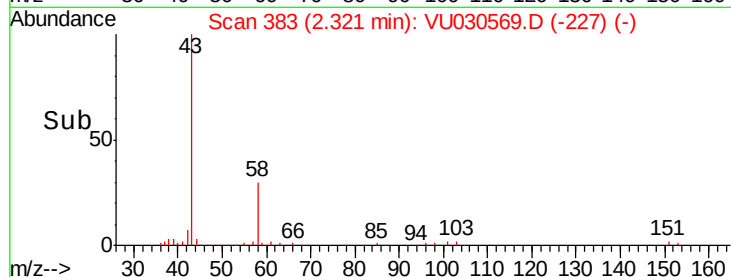
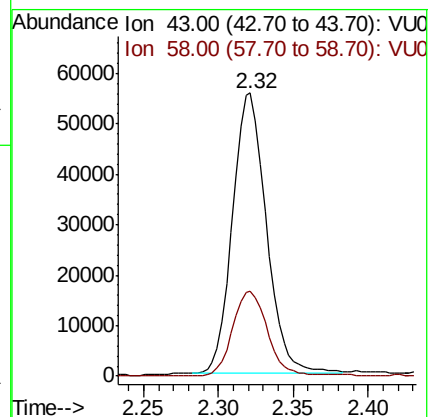
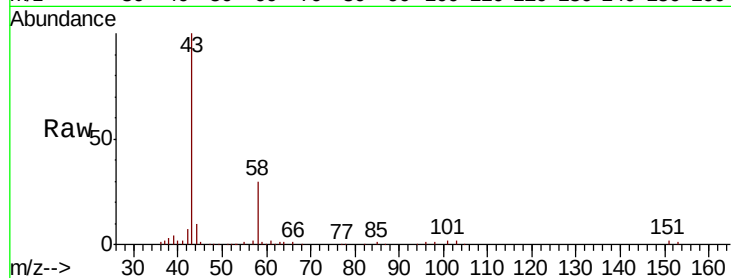
ClientSampleId :

Tot Ion: 43 Resp: 87202

Ion Ratio Lower Upper

43 100

58 29.9 24.2 36.4



#14

Carbon Disulfide

Concen: 5.409 ug/l

RT: 2.47 min Scan# 430

Delta R.T. -0.00 min

Lab File: VU030569.D

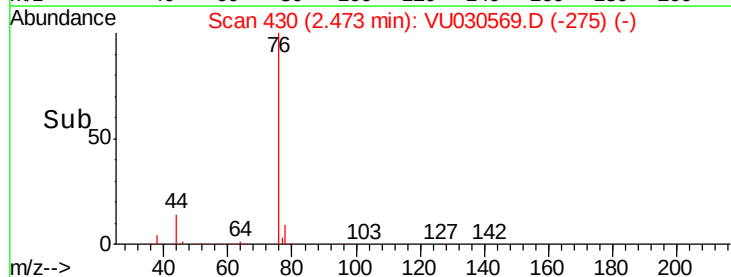
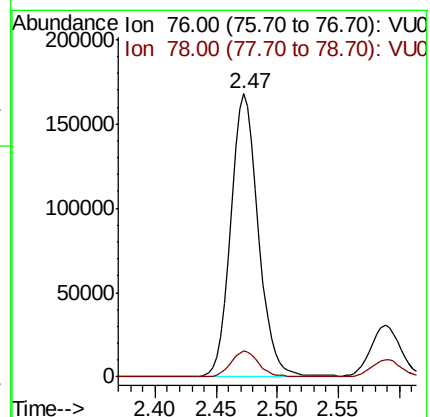
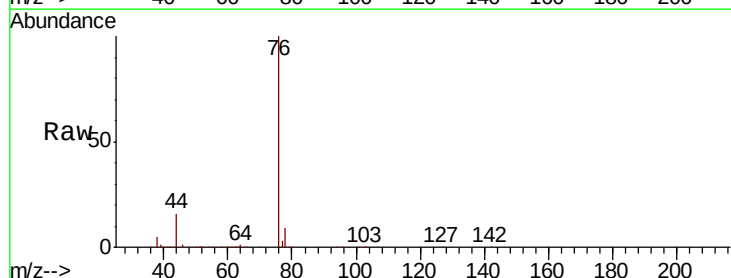
Acq: 30 Mar 2019 11:15

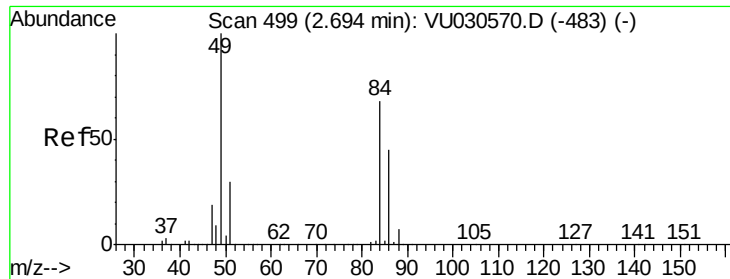
Tgt Ion: 76 Resp: 266473

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

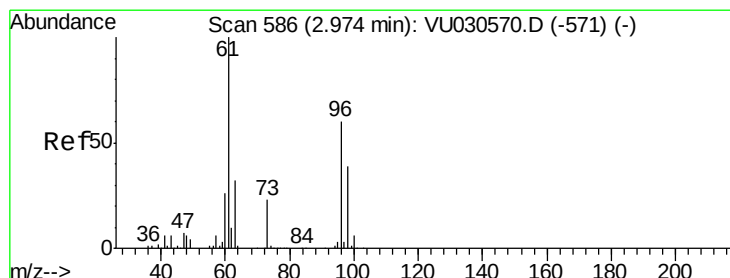
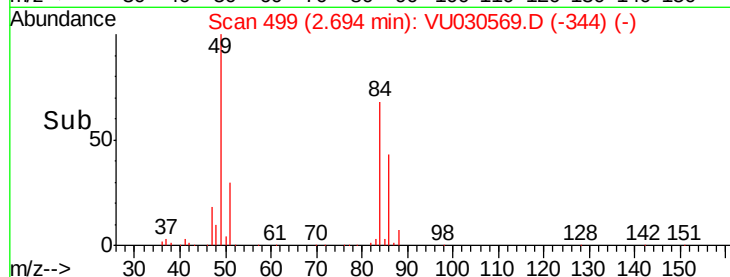
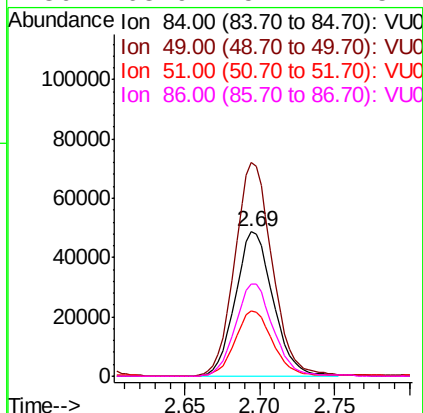
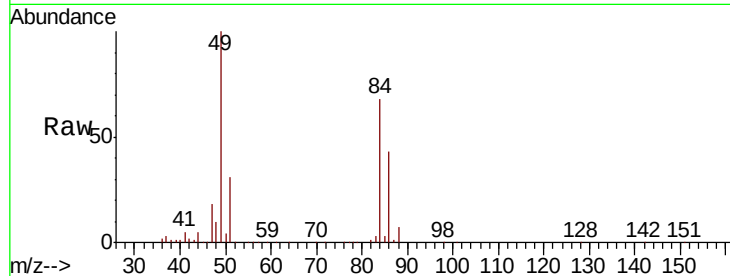




#15
Methylene Chloride
Concen: 5.092 ug/l
RT: 2.69 min Scan# 499
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

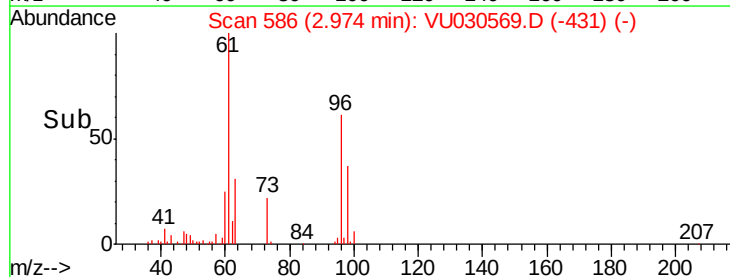
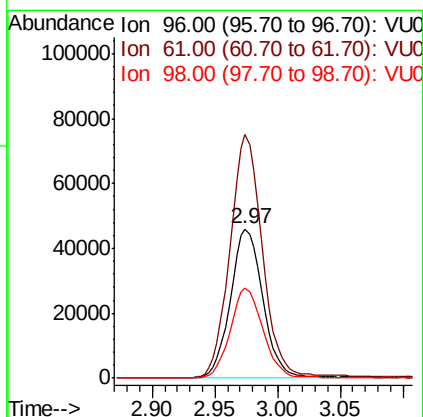
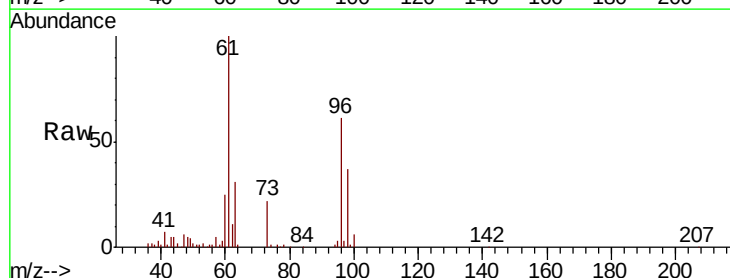
Instrument :
MSVOA_U
ClientSampled :

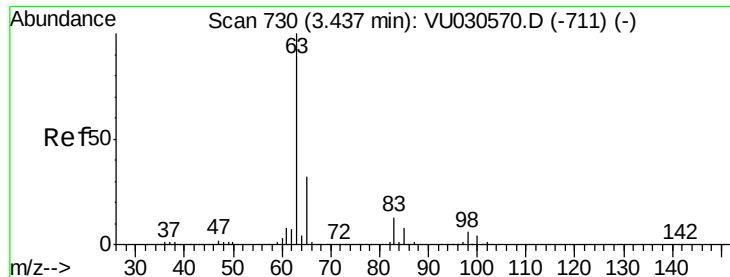
Tot Ion: 84 Resp: 85543
Ion Ratio Lower Upper
84 100
49 147.7 117.0 175.6
51 45.1 0.0 88.6
86 63.9 52.2 78.2



#16
trans-1,2-Dichloroethene
Concen: 5.148 ug/l
RT: 2.97 min Scan# 586
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion: 96 Resp: 82886
Ion Ratio Lower Upper
96 100
61 163.1 132.3 198.5
98 60.4 51.3 76.9

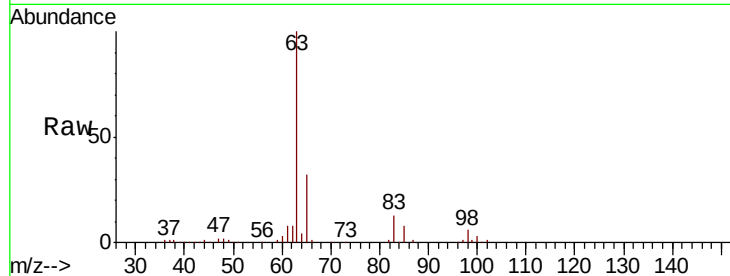




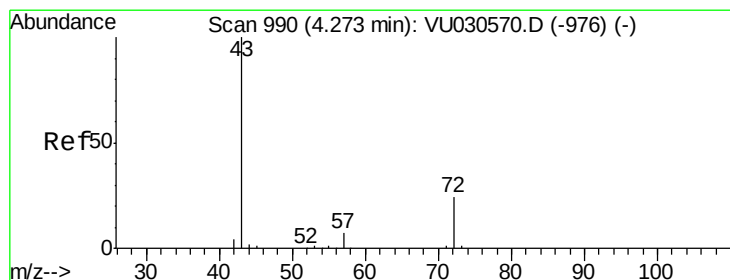
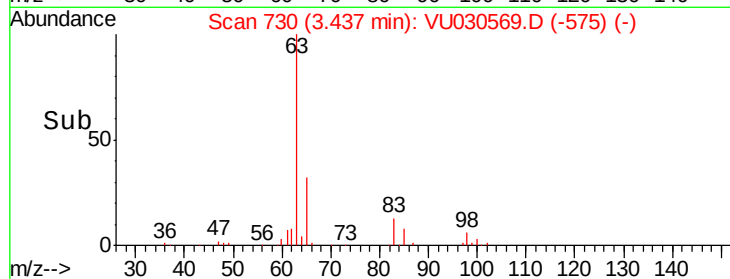
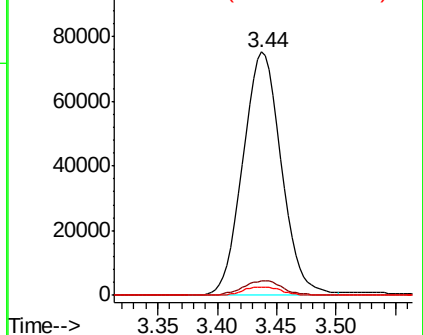
#17
 1,1-Dichloroethane
 Concen: 5.987 ug/l
 RT: 3.44 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: VU030569.D
 Acq: 30 Mar 2019 11:15

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 63 Resp: 168999
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.0 9.0
 100 3.4 1.8 5.5

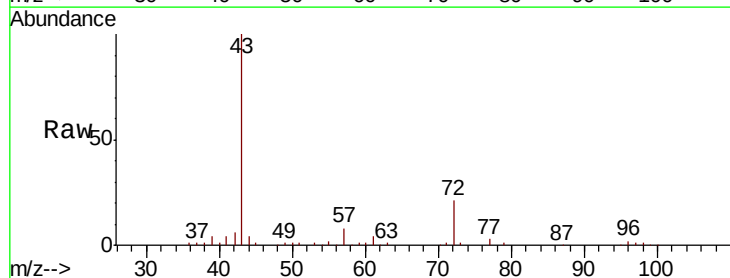


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

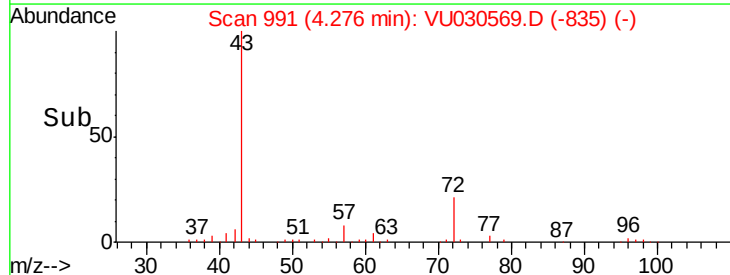
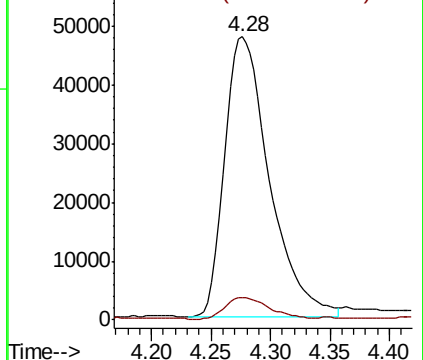


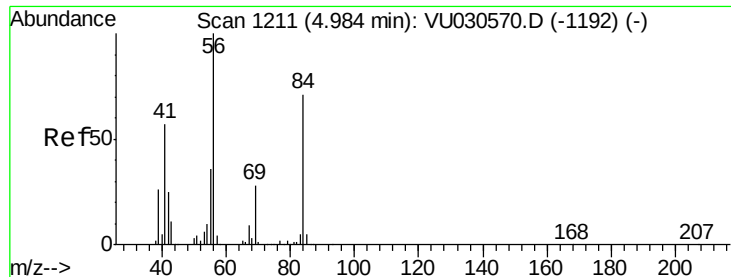
#18
 2-Butanone
 Concen: 31.823 ug/l
 RT: 4.28 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: VU030569.D
 Acq: 30 Mar 2019 11:15

Tgt Ion: 43 Resp: 124388
 Ion Ratio Lower Upper
 43 100
 57 7.4 0.0 14.4



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

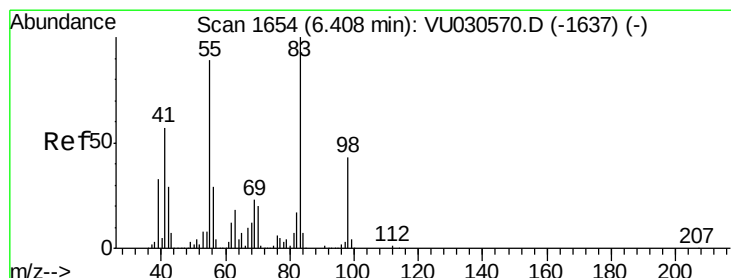
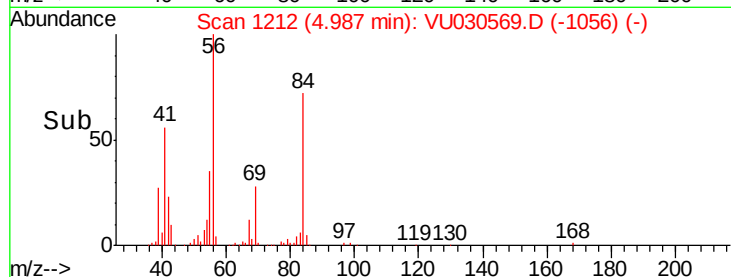
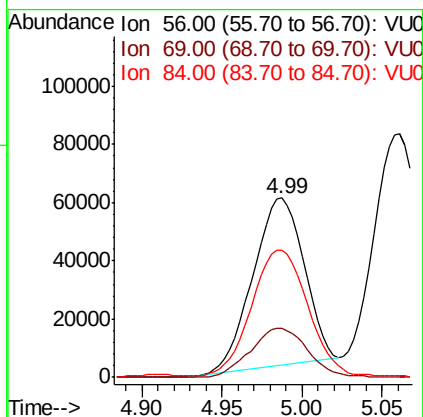
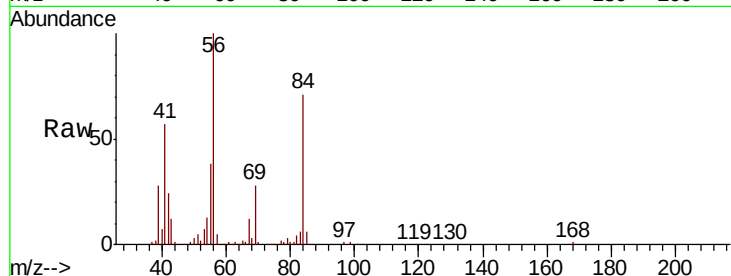




#19
Cyclohexane
Concen: 5.259 ug/l
RT: 4.99 min Scan# 1212
Delta R.T. 0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

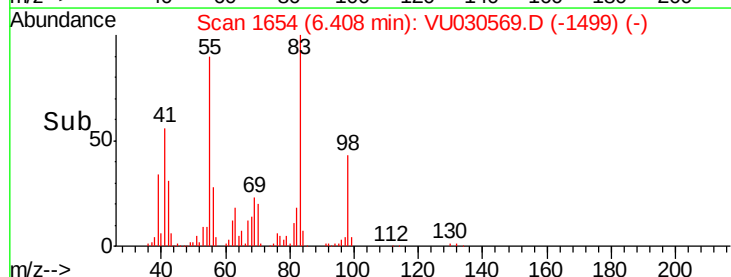
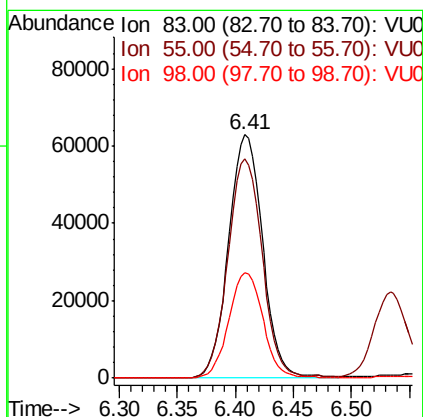
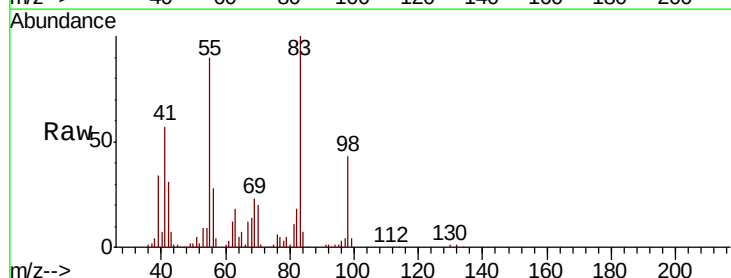
Instrument :
MSVOA_U
ClientSampled :

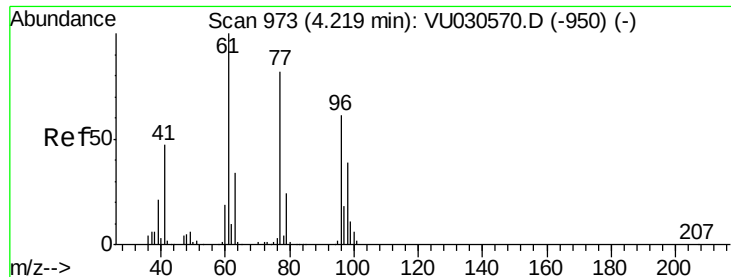
Tot Ion: 56 Resp: 127736
Ion Ratio Lower Upper
56 100
69 32.1 22.3 33.5
84 81.9 57.6 86.4



#20
Methylcyclohexane
Concen: 4.982 ug/l
RT: 6.41 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion: 83 Resp: 127785
Ion Ratio Lower Upper
83 100
55 90.0 72.0 108.0
98 43.3 35.0 52.4





#21

2,2-Dichloropropane

Concen: 5.466 ug/l

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU030569.D

Acq: 30 Mar 2019 11:15

Instrument :

MSVOA_U

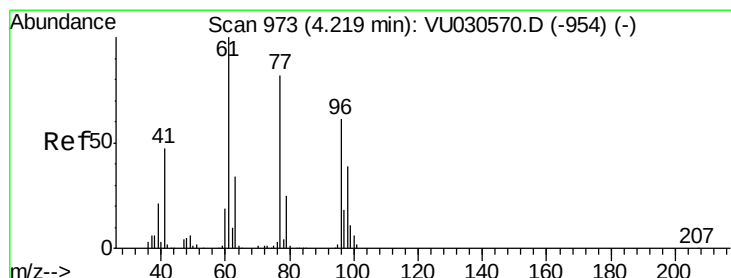
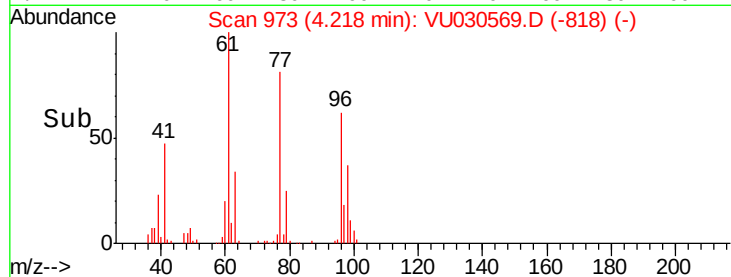
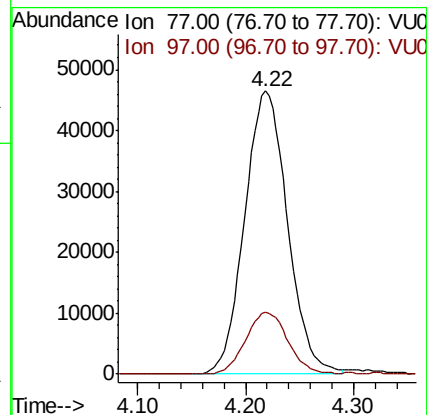
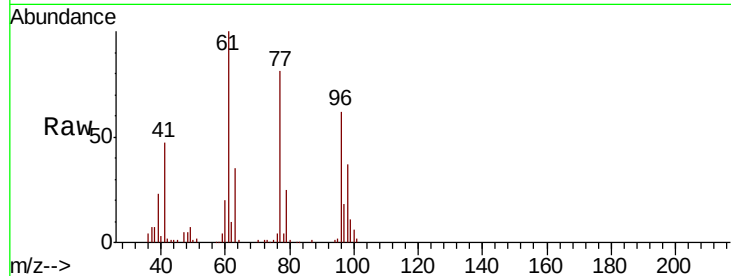
ClientSampled :

Tot Ion: 77 Resp: 128046

Ion Ratio Lower Upper

77 100

97 21.6 17.6 26.4



#22

cis-1,2-Dichloroethene

Concen: 4.938 ug/l

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU030569.D

Acq: 30 Mar 2019 11:15

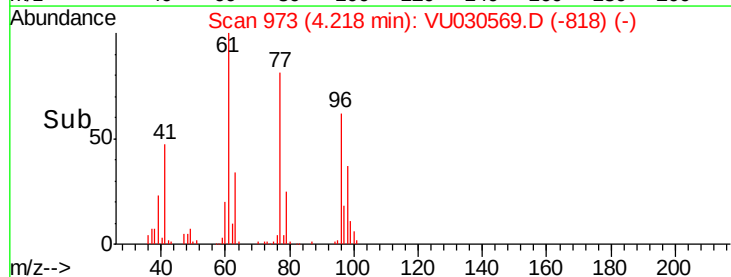
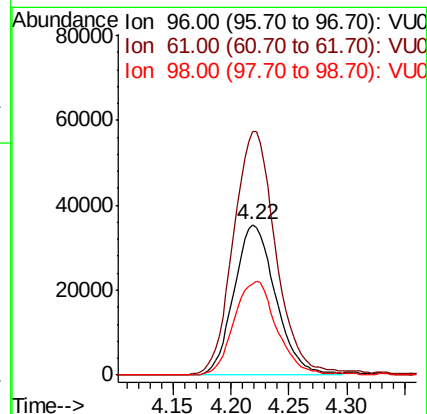
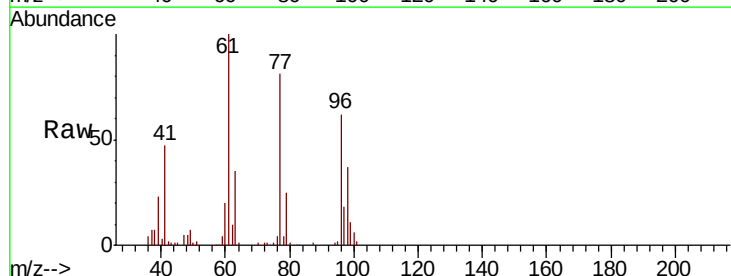
Tgt Ion: 96 Resp: 88123

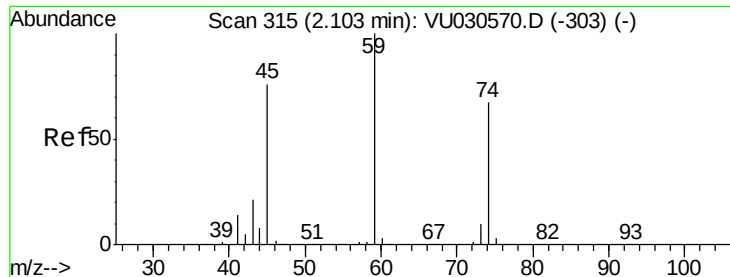
Ion Ratio Lower Upper

96 100

61 165.7 0.0 427.0

98 63.6 32.5 97.4

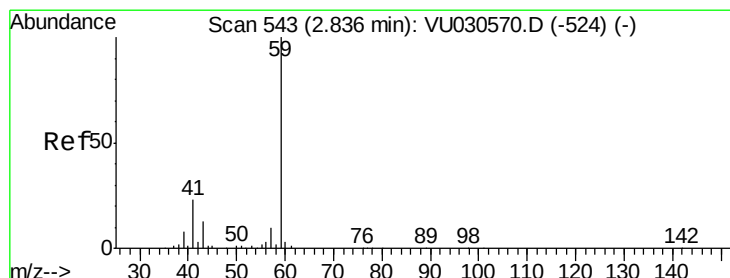
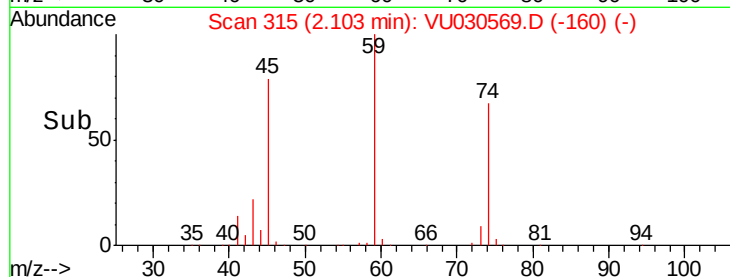
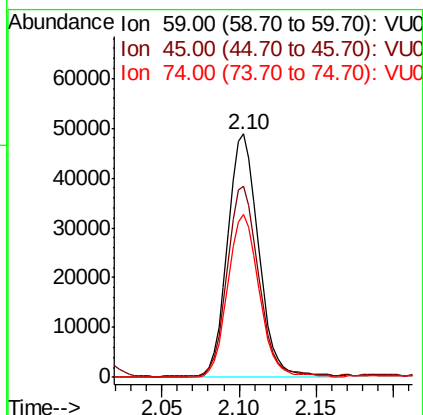
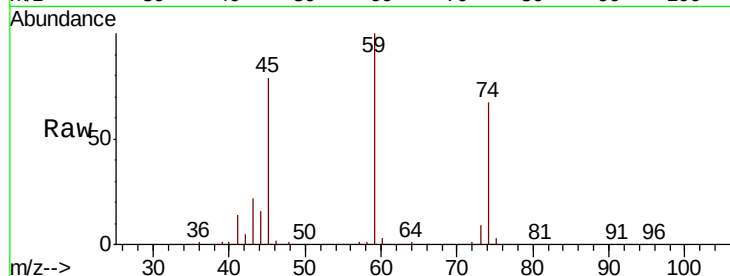




#23
Diethyl Ether
Concen: 6.214 ug/l
RT: 2.10 min Scan# 315
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

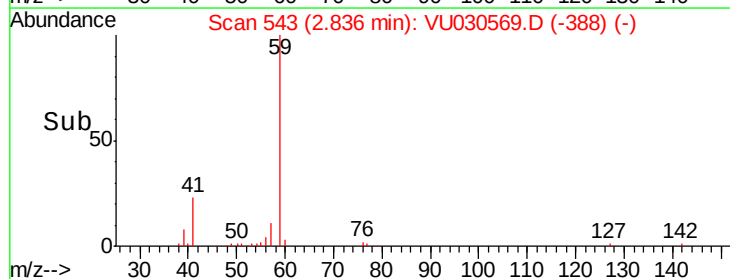
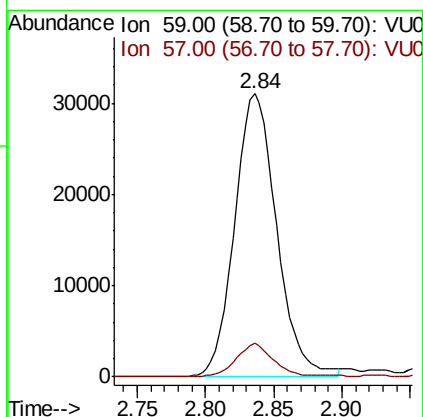
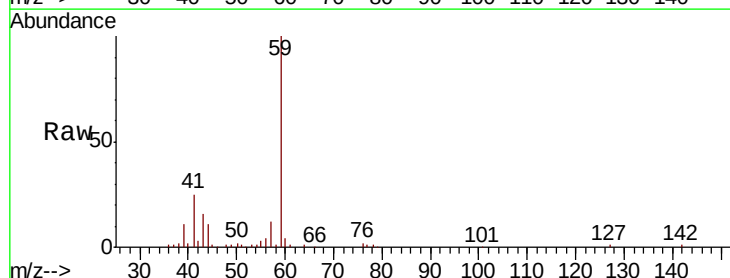
Instrument :
MSVOA_U
ClientSampleId :

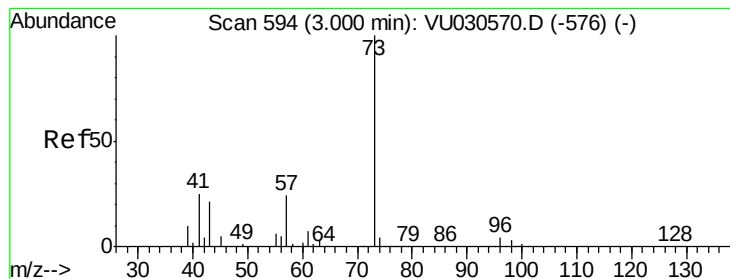
Tot Ion: 59 Resp: 68076
Ion Ratio Lower Upper
59 100
45 77.4 61.6 92.4
74 67.9 53.2 79.8



#24
tert-Butyl Alcohol
Concen: 56.841 ug/l
RT: 2.84 min Scan# 543
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion: 59 Resp: 66466
Ion Ratio Lower Upper
59 100
57 10.3 8.4 12.6





#25

Methyl tert-Butyl Ether

Concen: 5.760 ug/l

RT: 3.00 min Scan# 594

Delta R.T. -0.00 min

Lab File: VU030569.D

Acq: 30 Mar 2019 11:15

Instrument :

MSVOA_U

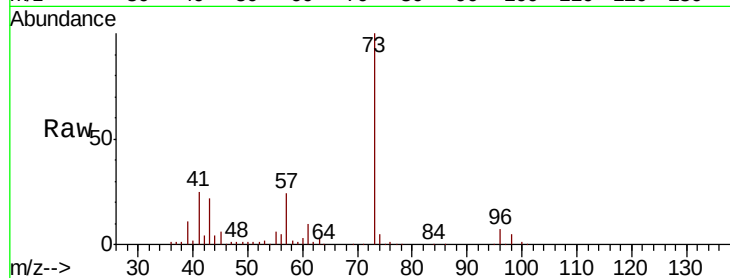
ClientSampled :

Tot Ion: 73 Resp: 209736

Ion Ratio Lower Upper

73 100

43 21.2 16.6 24.8



Abundance Ion 73.00 (72.70 to 73.70): VU030570.D (-576) (-)

Ion 43.00 (42.70 to 43.70): VU030570.D (-576) (-)

3.00

100000

80000

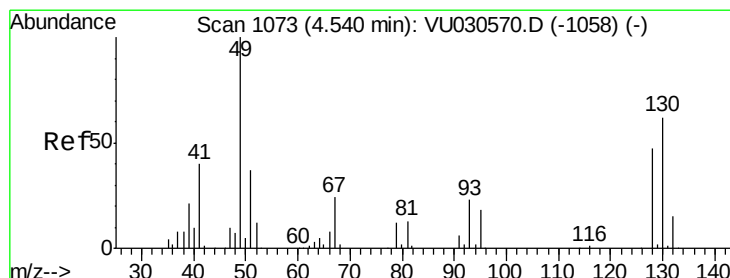
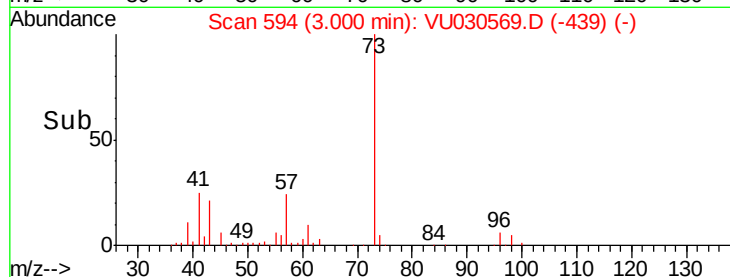
60000

40000

20000

0

Time-->



#26

Bromochloromethane

Concen: 4.604 ug/l

RT: 4.54 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VU030569.D

Acq: 30 Mar 2019 11:15

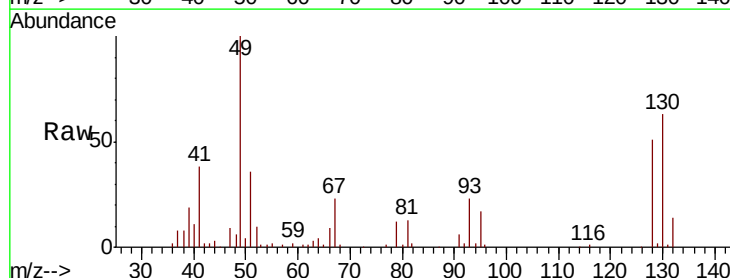
Tgt Ion: 128 Resp: 35339

Ion Ratio Lower Upper

128 100

49 204.9 0.0 418.2

130 125.7 103.4 155.0



Abundance Ion 128.00 (127.70 to 128.70): VU030570.D (-1058) (-)

Ion 49.00 (48.70 to 49.70): VU030570.D (-1058) (-)

Ion 130.00 (129.70 to 130.70): VU030570.D (-1058) (-)

4.54

40000

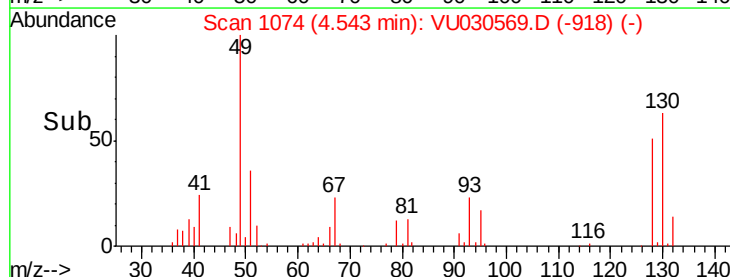
30000

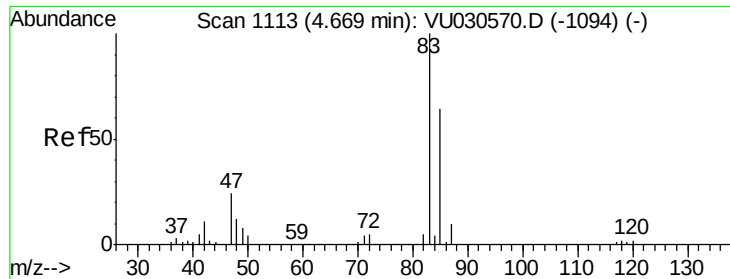
20000

10000

0

Time-->

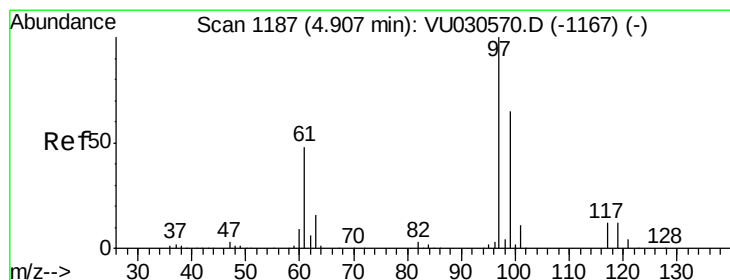
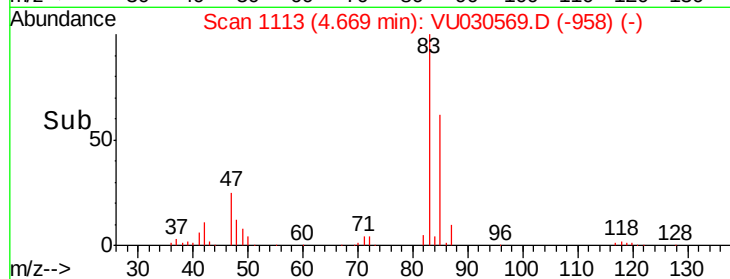
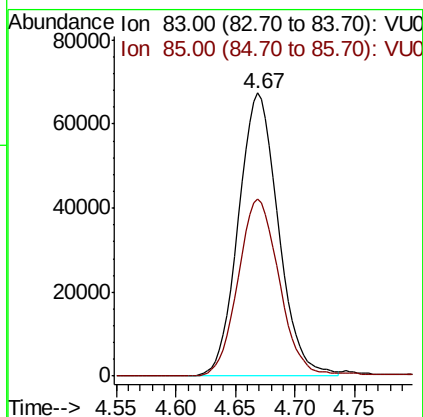
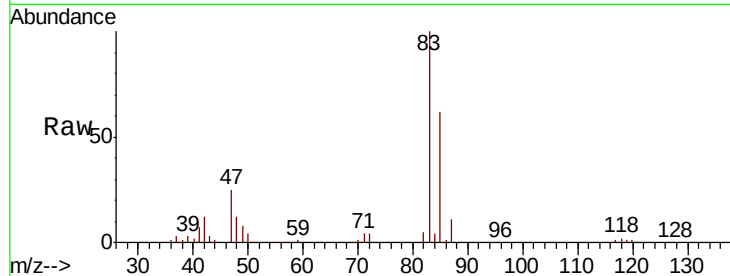




#27
Chloroform
Concen: 5.355 ug/l
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

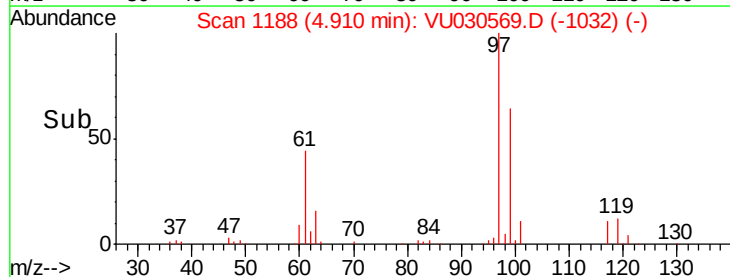
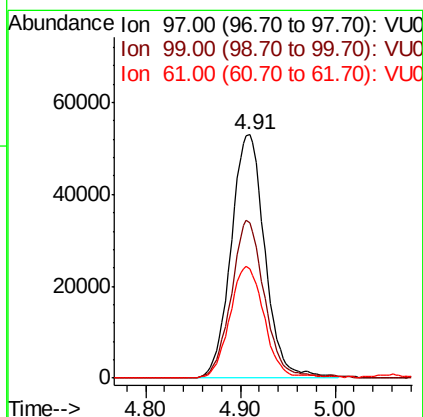
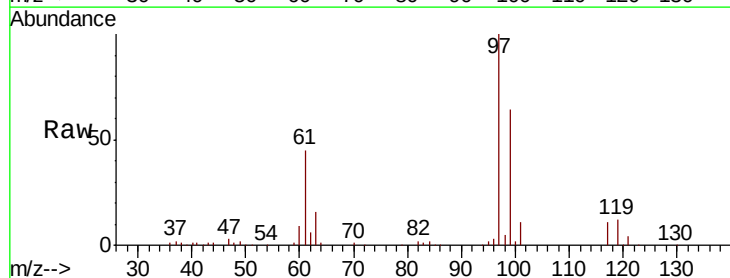
Instrument :
MSVOA_U
ClientSampleId :

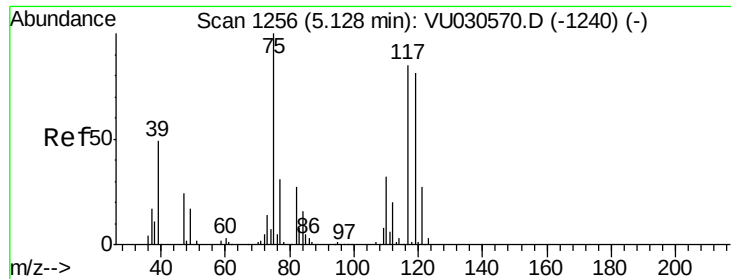
Tot Ion: 83 Resp: 156859
Ion Ratio Lower Upper
83 100
85 62.4 0.0 128.4



#28
1,1,1-Trichloroethane
Concen: 5.504 ug/l
RT: 4.91 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion: 97 Resp: 131586
Ion Ratio Lower Upper
97 100
99 63.7 32.0 96.0
61 46.5 24.0 72.0

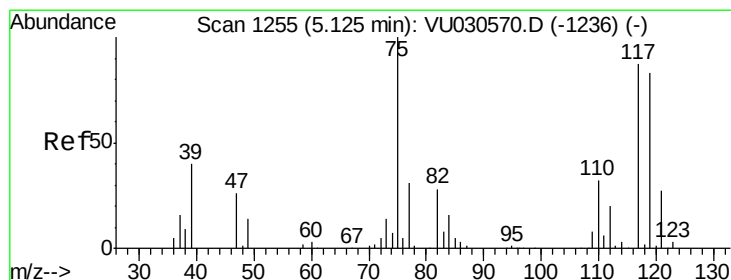
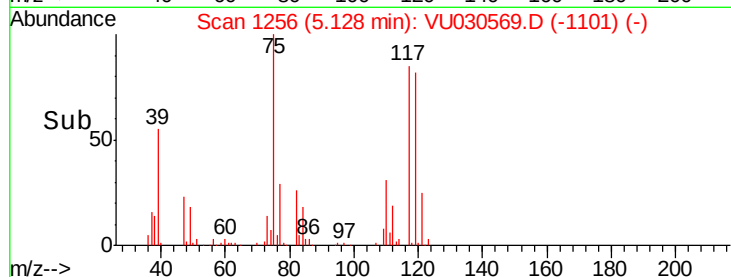
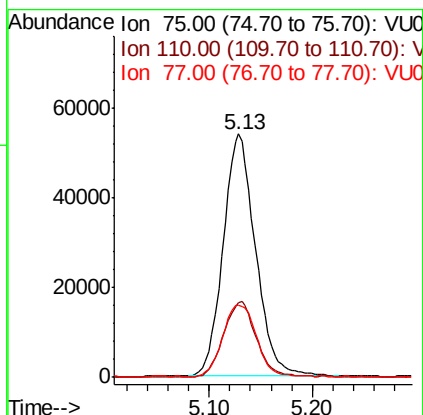
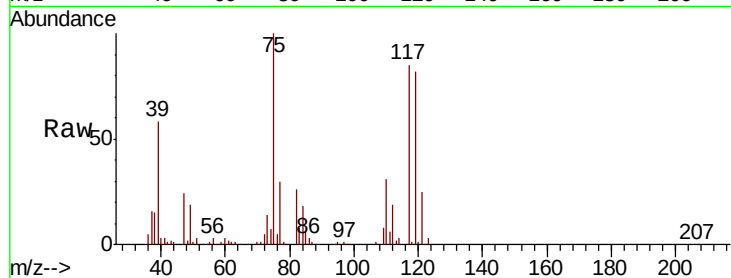




#29
 1,1-Dichloropropene
 Concen: 5.416 ug/l
 RT: 5.13 min Scan# 1256
 Delta R.T. -0.00 min
 Lab File: VU030569.D
 Acq: 30 Mar 2019 11:15

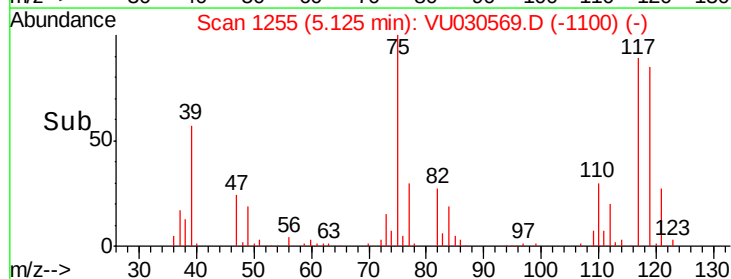
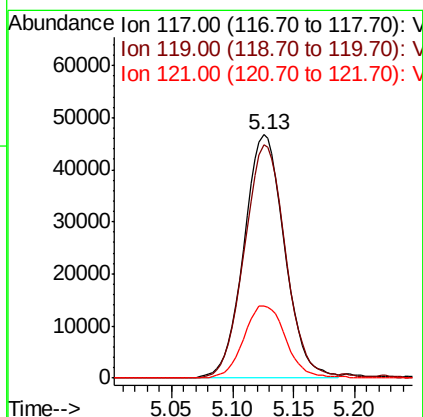
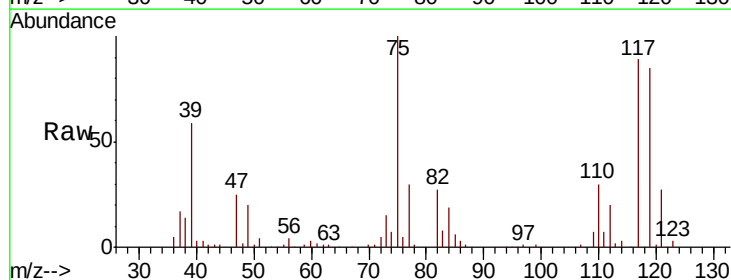
Instrument :
 MSVOA_U
 ClientSampleId :

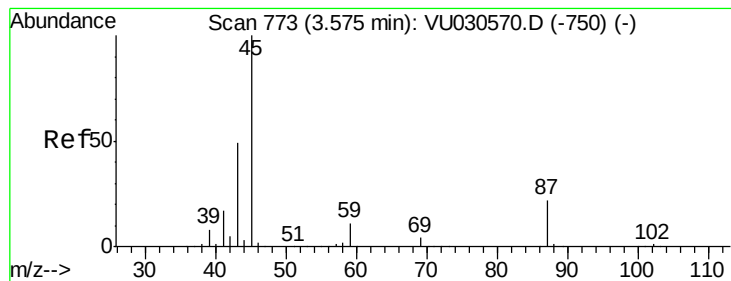
Tot Ion	Ratio	Lower	Upper
75	100		
110	32.2	16.0	48.0
77	30.6	24.8	37.2



#30
 Carbon Tetrachloride
 Concen: 5.092 ug/l
 RT: 5.13 min Scan# 1255
 Delta R.T. -0.00 min
 Lab File: VU030569.D
 Acq: 30 Mar 2019 11:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.4	114.6
121	29.8	24.7	37.1





#31

Isopropyl Ether

Concen: 6.651 ug/l

RT: 3.58 min Scan# 773

Delta R.T. -0.00 min

Lab File: VU030569.D

Acq: 30 Mar 2019 11:15

Instrument :

MSVOA_U

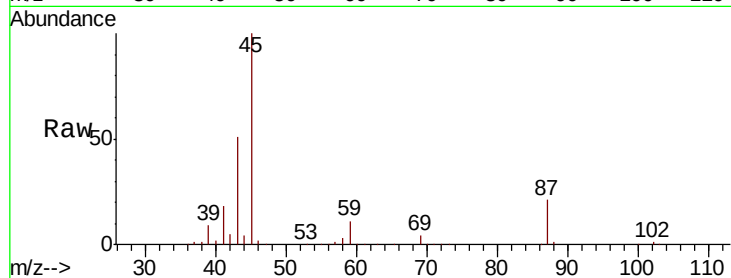
ClientSampleId :

Tot Ion: 45 Resp: 274566

Ion Ratio Lower Upper

45 100

43 49.9 25.0 75.0



Abundance Ion 45.00 (44.70 to 45.70): VU030570.D (-750) (-)

Ion 43.00 (42.70 to 43.70): VU030570.D (-750) (-)

3.58

120000

100000

80000

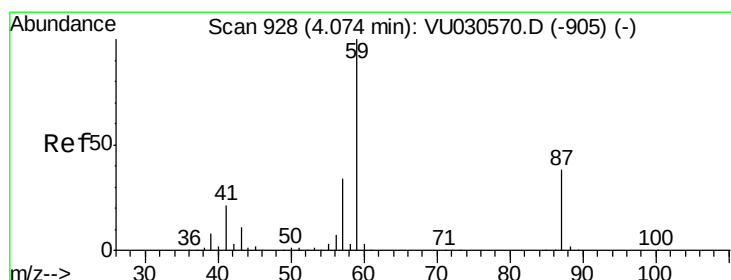
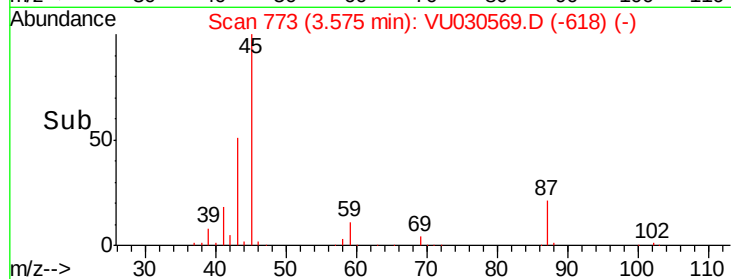
60000

40000

20000

0

Time-->



#32

Ethyl-t-butyl ether

Concen: 5.622 ug/l

RT: 4.07 min Scan# 927

Delta R.T. -0.00 min

Lab File: VU030569.D

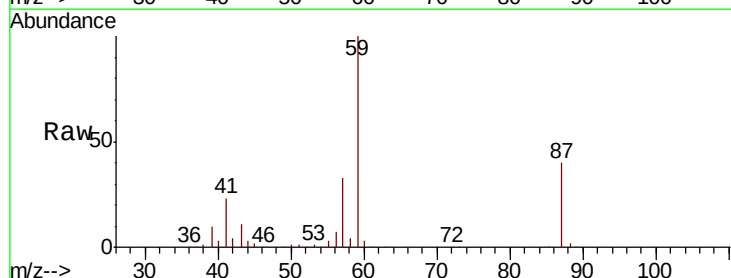
Acq: 30 Mar 2019 11:15

Tgt Ion: 59 Resp: 214900

Ion Ratio Lower Upper

59 100

87 37.7 30.1 45.1



Abundance Ion 59.00 (58.70 to 59.70): VU030570.D (-905) (-)

Ion 87.00 (86.70 to 87.70): VU030570.D (-905) (-)

4.07

80000

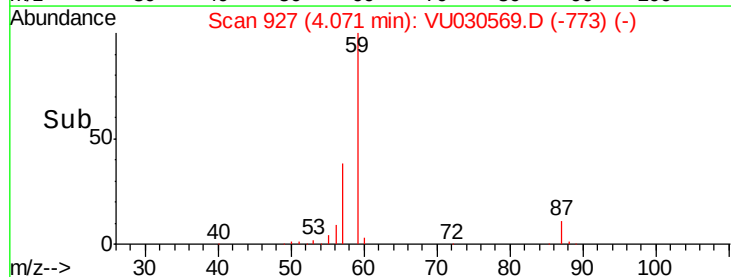
60000

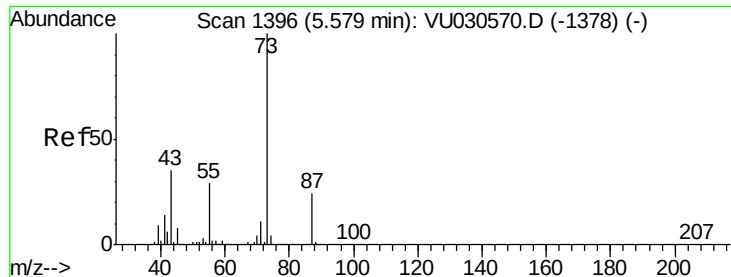
40000

20000

0

Time-->



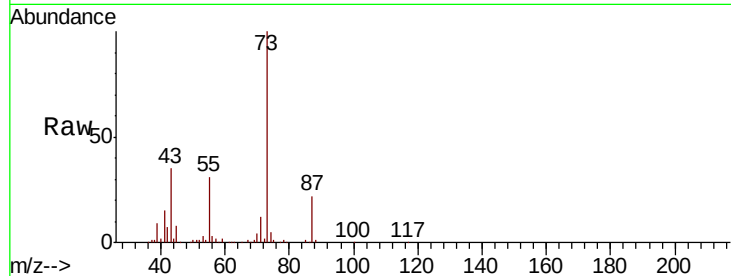


#33

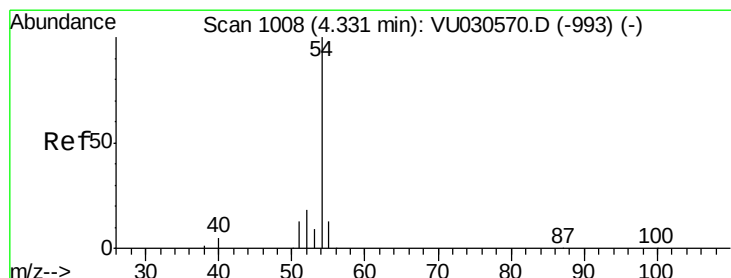
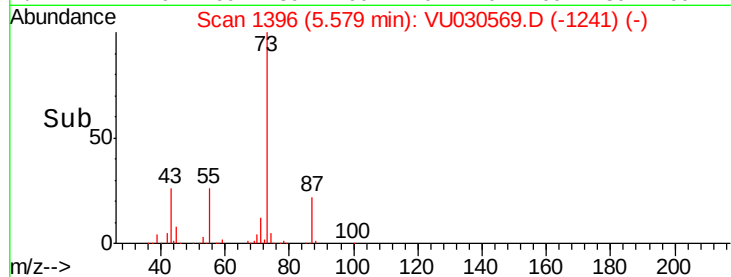
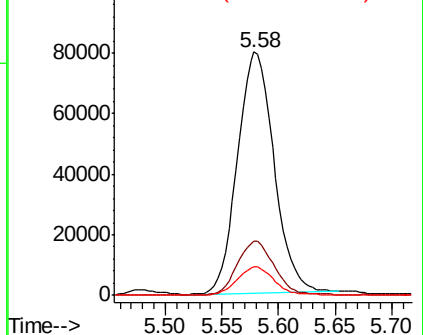
Tert-Butyl methyl ether
 Concen: 5.229 ug/l
 RT: 5.58 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: VU030569.D
 Acq: 30 Mar 2019 11:15

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 73 Resp: 179593
 Ion Ratio Lower Upper
 73 100
 87 22.5 18.6 27.8
 71 11.5 9.0 13.4



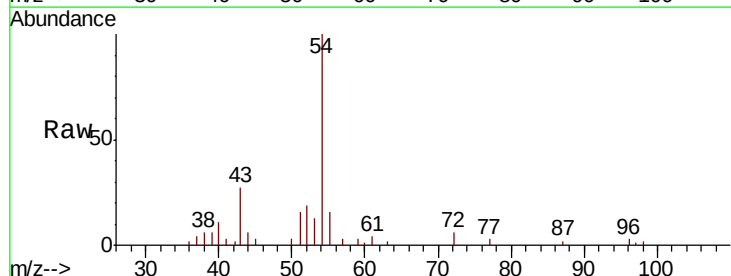
Abundance Ion 73.00 (72.70 to 73.70): VU0
 Ion 87.00 (86.70 to 87.70): VU0
 Ion 71.00 (70.70 to 71.70): VU0



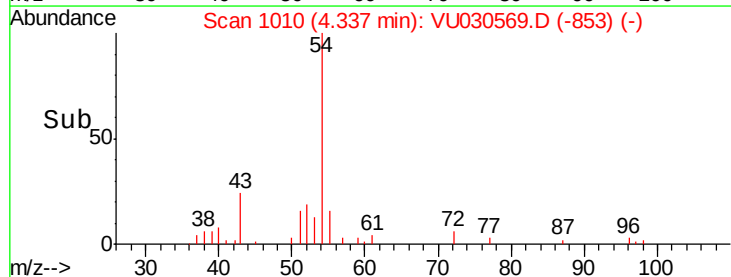
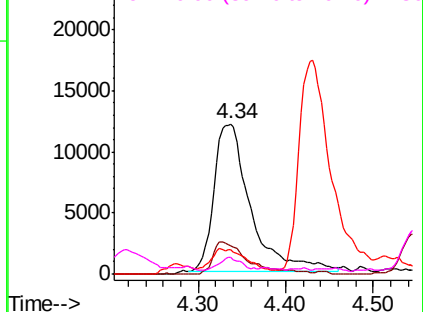
#34

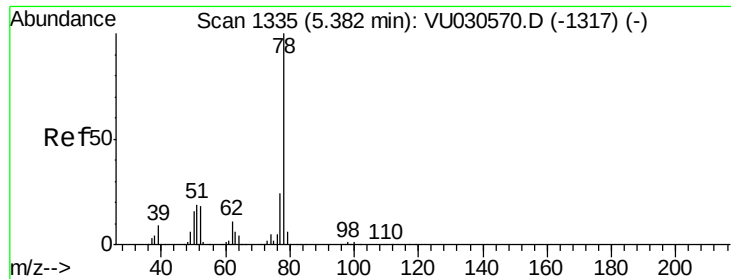
Propionitrile
 Concen: 32.679 ug/l
 RT: 4.34 min Scan# 1010
 Delta R.T. 0.01 min
 Lab File: VU030569.D
 Acq: 30 Mar 2019 11:15

Tgt Ion: 54 Resp: 35415
 Ion Ratio Lower Upper
 54 100
 52 19.3 14.1 21.1
 55 14.9 10.4 15.6
 40 5.2 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: 5.401 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU030569.D

Acq: 30 Mar 2019 11:15

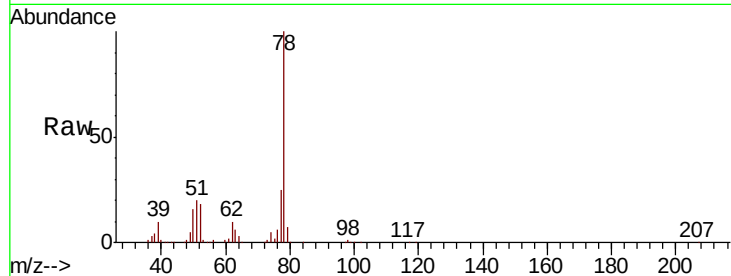
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 78 Resp: 344543

Ion Ratio Lower Upper

78 100

77 24.8 19.5 29.3



Abundance Ion 78.10 (77.80 to 78.80): VU030570.D (-1317) (-)

Ion 77.00 (76.70 to 77.70): VU030569.D (-1180) (-)

5.38

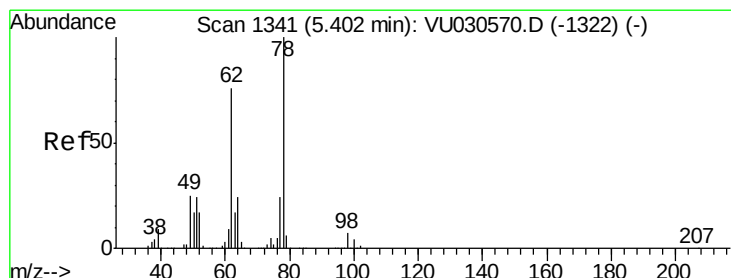
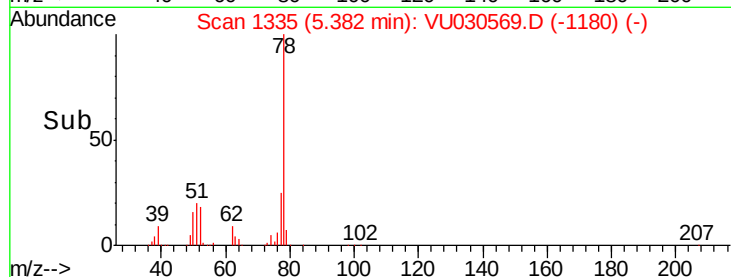
150000

100000

50000

0

Time-->



#36

1,2-Dichloroethane

Concen: 6.013 ug/l

RT: 5.40 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VU030569.D

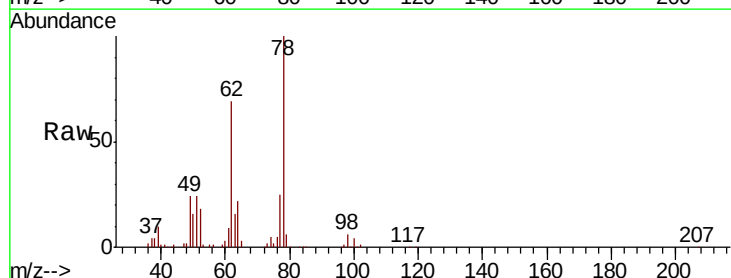
Acq: 30 Mar 2019 11:15

Tgt Ion: 62 Resp: 105412

Ion Ratio Lower Upper

62 100

98 8.0 6.8 10.2



Abundance Ion 62.00 (61.70 to 62.70): VU030570.D (-1322) (-)

Ion 98.00 (97.70 to 98.70): VU030569.D (-1186) (-)

5.40

50000

40000

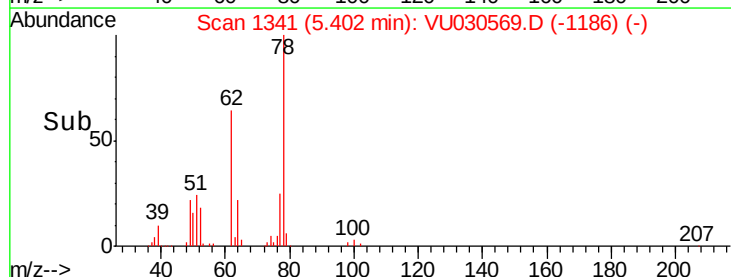
30000

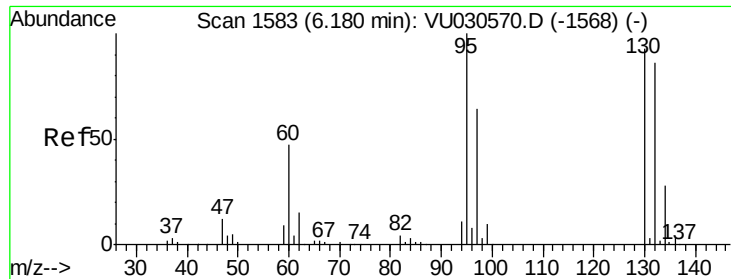
20000

10000

0

Time-->

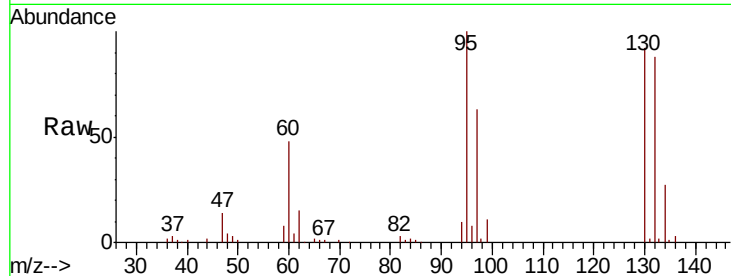




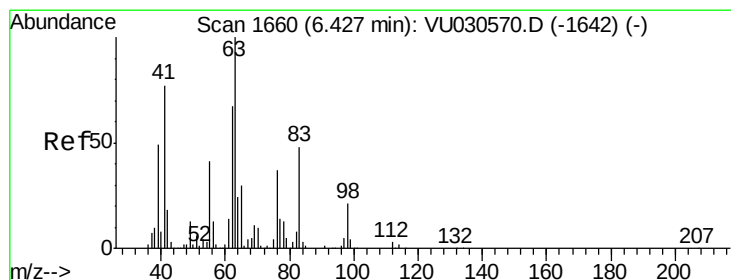
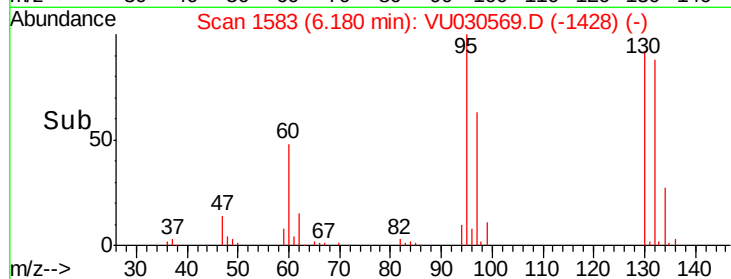
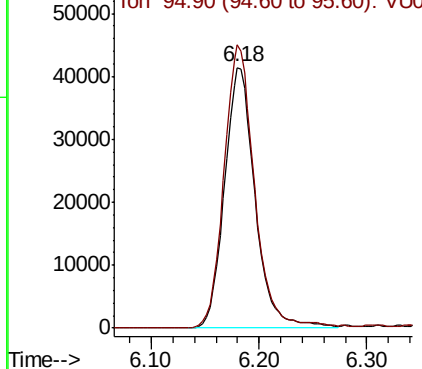
#37
 Trichloroethene
 Concen: 4.601 ug/l
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VU030569.D
 Acq: 30 Mar 2019 11:15

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:130 Resp: 81837
 Ion Ratio Lower Upper
 130 100
 95 108.6 85.8 128.8

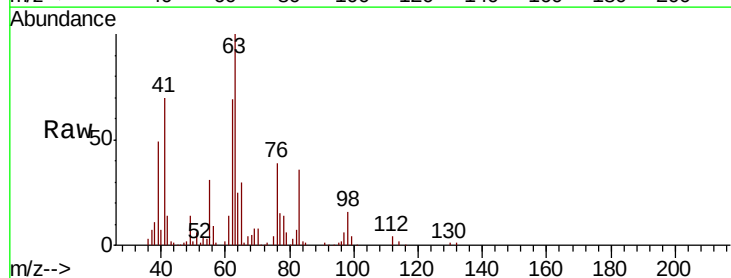


Abundance Ion 129.90 (129.60 to 130.60): VU030570.D (-1568) (-)
 Ion 94.90 (94.60 to 95.60): VU030570.D (-1568) (-)

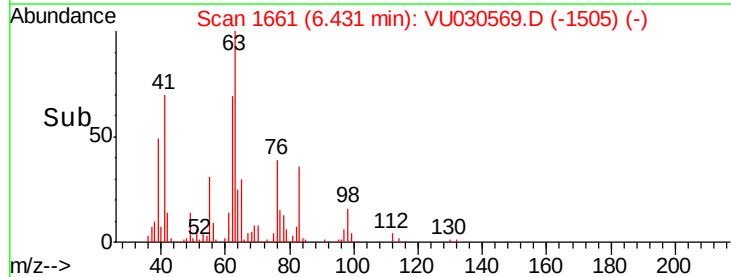
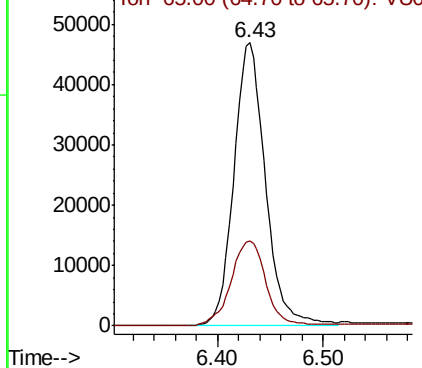


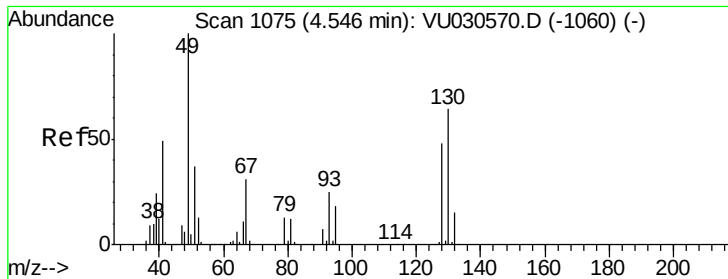
#38
 1,2-Dichloropropane
 Concen: 5.917 ug/l
 RT: 6.43 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: VU030569.D
 Acq: 30 Mar 2019 11:15

Tgt Ion: 63 Resp: 97559
 Ion Ratio Lower Upper
 63 100
 65 29.8 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) (-)

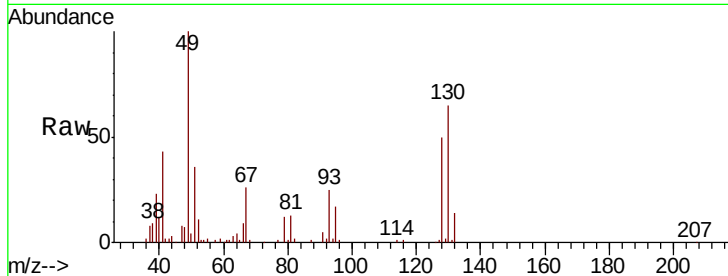




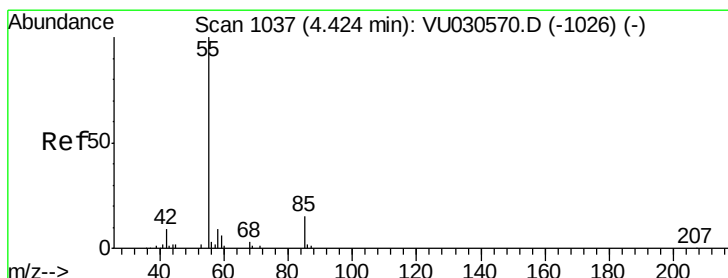
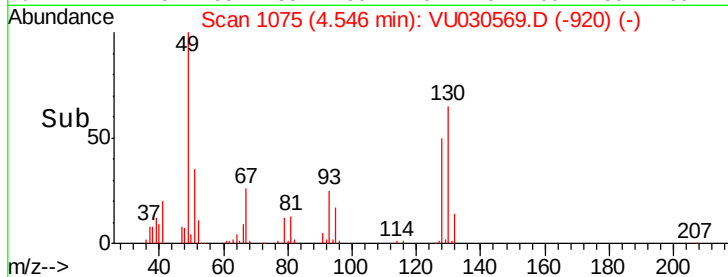
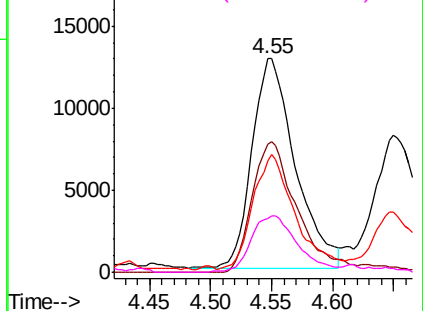
#39
Methacrylonitrile
Concen: 6.488 ug/l
RT: 4.55 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	41	Resp:	31269
Ion	Ratio	Lower	Upper
41	100		
67	64.4	50.2	75.4
39	52.8	40.7	61.1
52	28.8	23.0	34.4

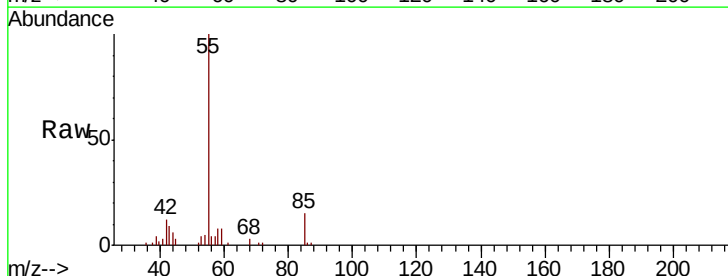


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

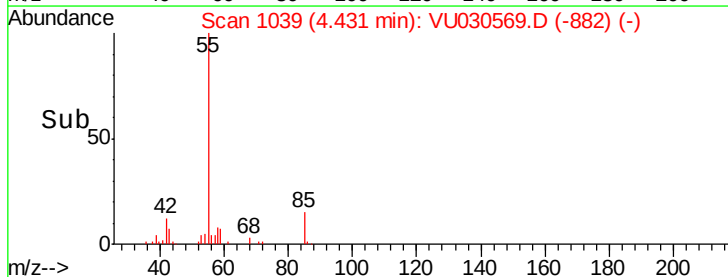
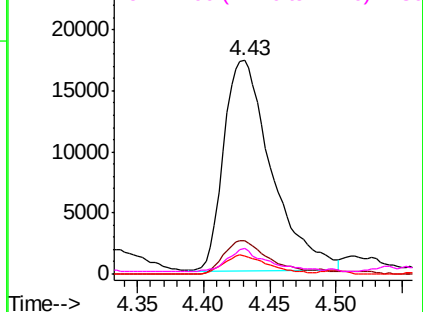


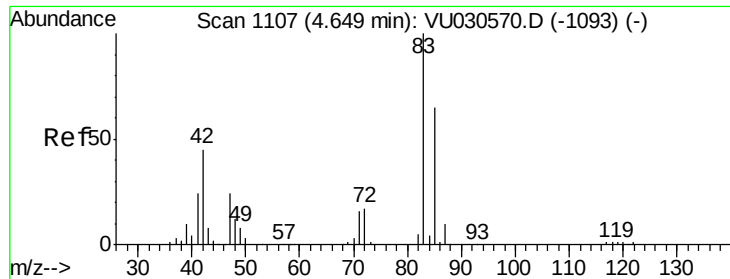
#40
Methyl acrylate
Concen: 5.927 ug/l
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion:	55	Resp:	43472
Ion	Ratio	Lower	Upper
55	100		
85	14.7	12.5	18.7
58	8.1	6.3	9.5
42	8.8	7.4	11.2



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

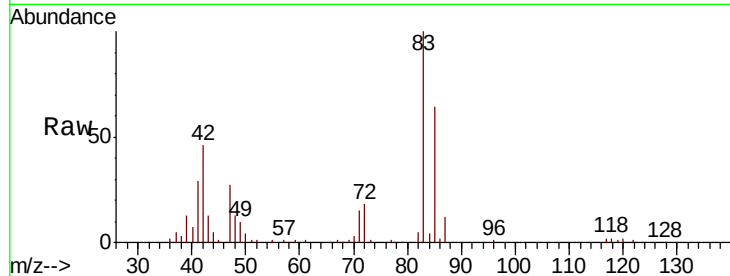




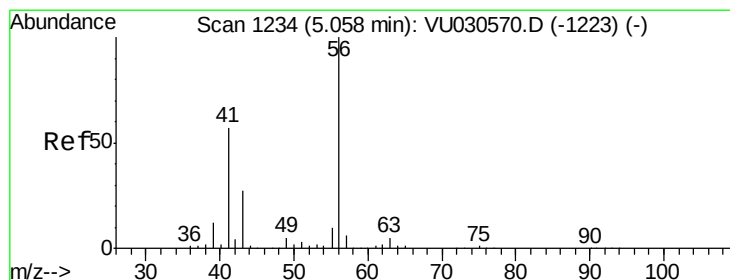
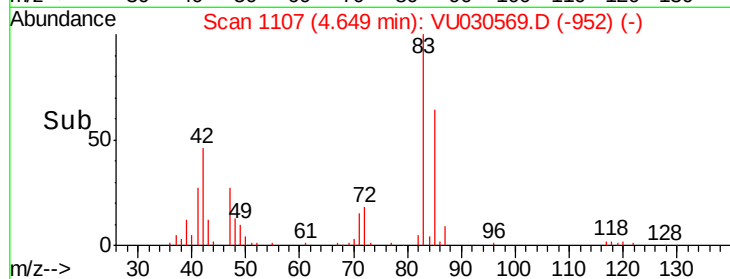
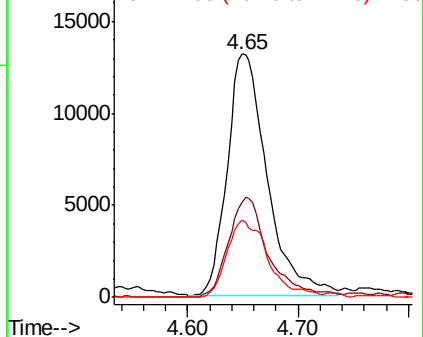
#41
Tetrahydrofuran
Concen: 12.610 ug/l
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 42 Resp: 33024
Ion Ratio Lower Upper
42 100
72 40.5 33.4 50.0
71 32.8 28.8 43.2

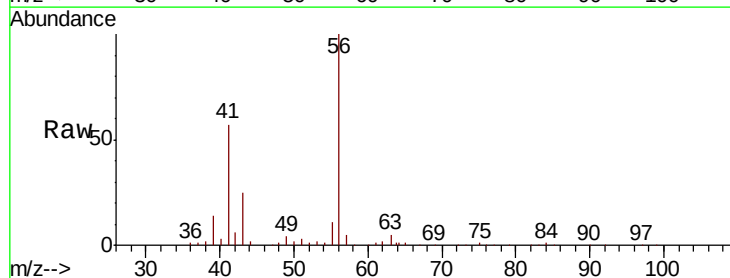


Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

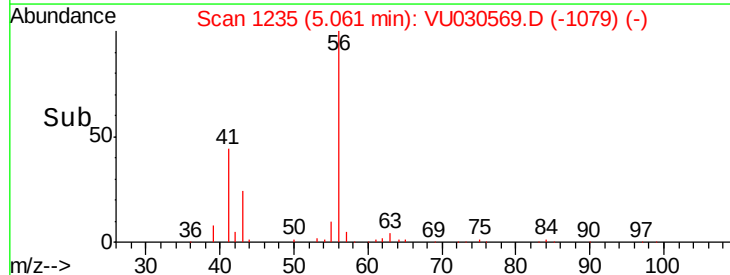
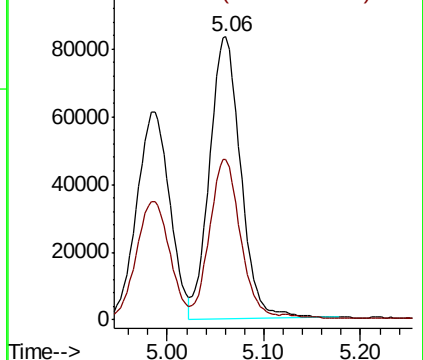


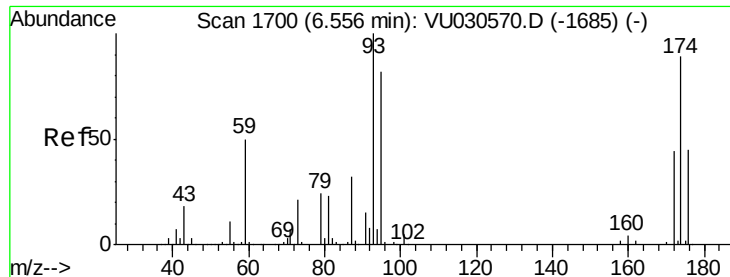
#42
1-Chlorobutane
Concen: 6.320 ug/l
RT: 5.06 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion: 56 Resp: 185793
Ion Ratio Lower Upper
56 100
41 53.8 28.5 85.6



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





#43

Dibromomethane

Concen: 5.176 ug/l

RT: 6.56 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VU030569.D

Acq: 30 Mar 2019 11:15

Instrument :

MSVOA_U

ClientSampleId :

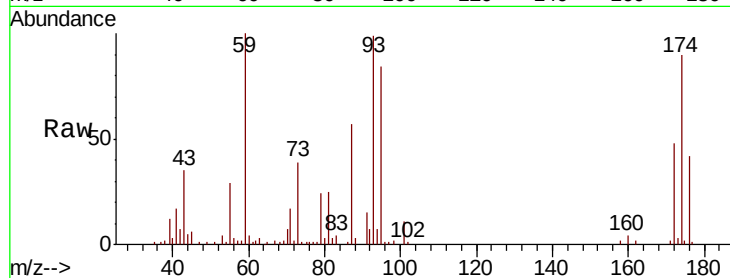
Tot Ion: 93 Resp: 43269

Ion Ratio Lower Upper

93 100

95 85.7 63.9 95.9

174 89.9 71.0 106.4

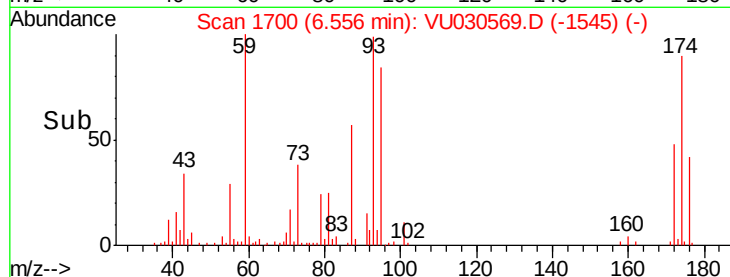


Abundance Ion 93.00 (92.70 to 93.70): VU030570.D (-1685) (-)

Ion 95.00 (94.70 to 95.70): VU030570.D (-1685) (-)

Ion 174.00 (173.70 to 174.70): VU030570.D (-1685) (-)

Time-->

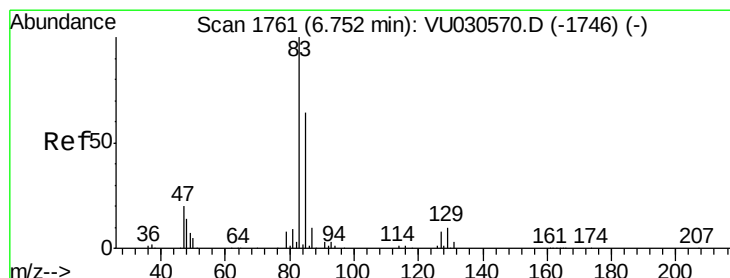


Abundance Ion 93.00 (92.70 to 93.70): VU030569.D (-1545) (-)

Ion 95.00 (94.70 to 95.70): VU030569.D (-1545) (-)

Ion 174.00 (173.70 to 174.70): VU030569.D (-1545) (-)

Time-->



#44

Bromodichloromethane

Concen: 5.578 ug/l

RT: 6.75 min Scan# 1761

Delta R.T. -0.00 min

Lab File: VU030569.D

Acq: 30 Mar 2019 11:15

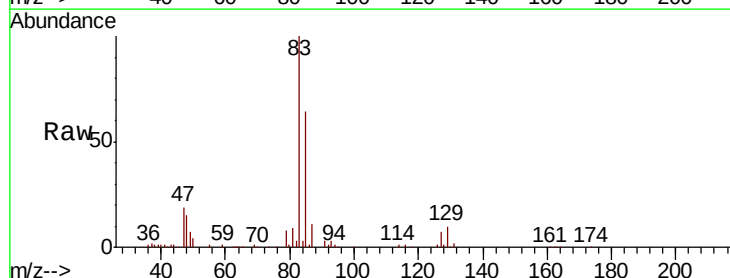
Tgt Ion: 83 Resp: 112600

Ion Ratio Lower Upper

83 100

85 64.2 51.1 76.7

127 7.4 6.1 9.1

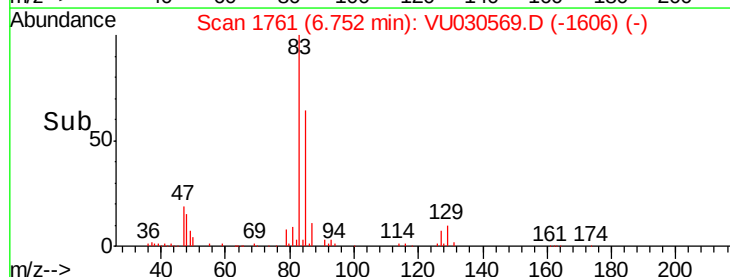


Abundance Ion 83.00 (82.70 to 83.70): VU030570.D (-1746) (-)

Ion 85.00 (84.70 to 85.70): VU030570.D (-1746) (-)

Ion 127.00 (126.70 to 127.70): VU030570.D (-1746) (-)

Time-->

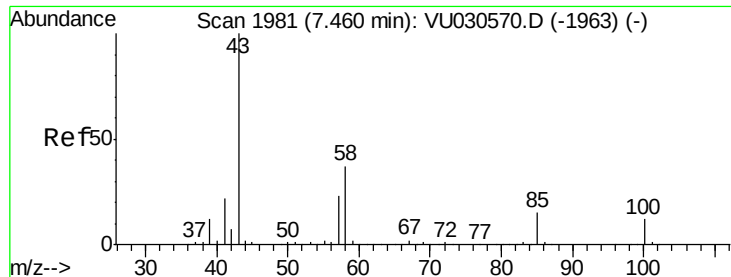


Abundance Ion 83.00 (82.70 to 83.70): VU030569.D (-1606) (-)

Ion 85.00 (84.70 to 85.70): VU030569.D (-1606) (-)

Ion 127.00 (126.70 to 127.70): VU030569.D (-1606) (-)

Time-->



#45

4-Methyl-2-Pentanone

Concen: 32.496 ug/l

RT: 7.46 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VU030569.D

Acq: 30 Mar 2019 11:15

Instrument :

MSVOA_U

ClientSampleId :

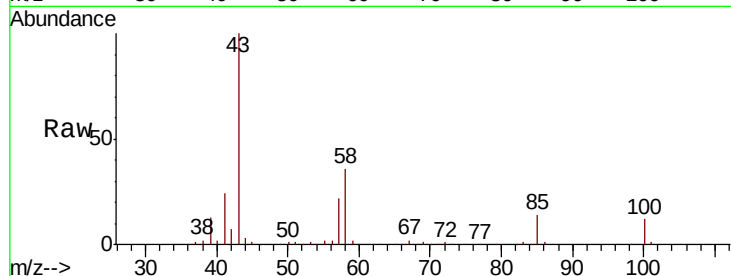
Tot Ion: 43 Resp: 286230

Ion Ratio Lower Upper

43 100

58 35.9 18.6 55.8

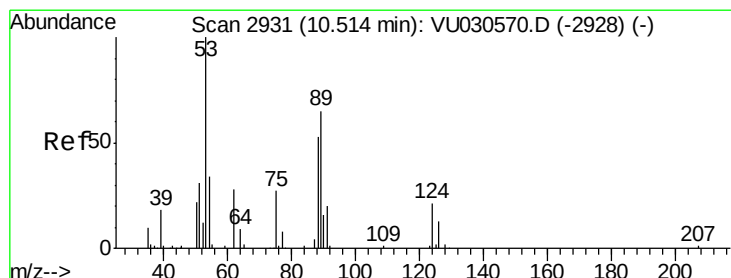
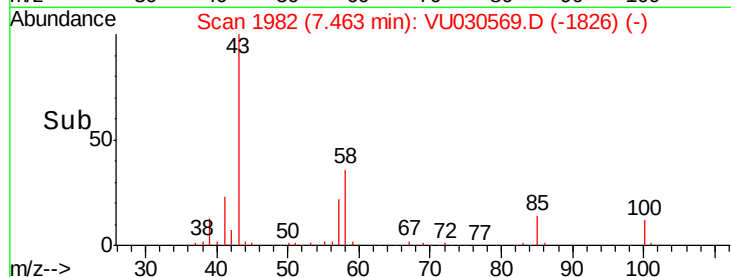
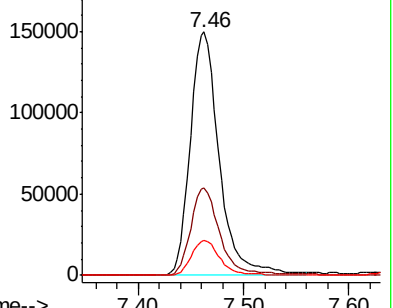
85 14.2 11.8 17.6



Abundance Ion 43.00 (42.70 to 43.70): VU030570.D (-1963) (-)

Ion 58.00 (57.70 to 58.70): VU030570.D (-1963) (-)

Ion 85.00 (84.70 to 85.70): VU030570.D (-1963) (-)



#46

t-1,4-Dichloro-2-butene

Concen: 14.515 ug/l

RT: 10.49 min Scan# 2924

Delta R.T. -0.02 min

Lab File: VU030569.D

Acq: 30 Mar 2019 11:15

Tgt Ion: 75 Resp: 46866

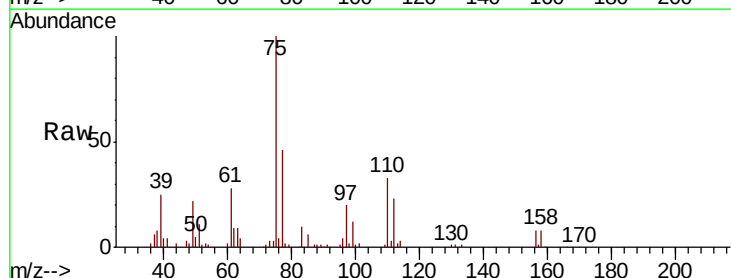
Ion Ratio Lower Upper

75 100

53 67.5 63.4 95.2

89 38.2 39.1 58.7#

88 30.9 30.4 45.6

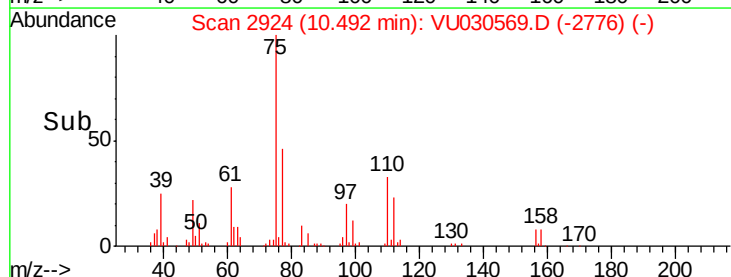
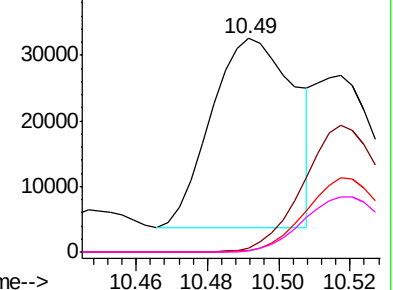


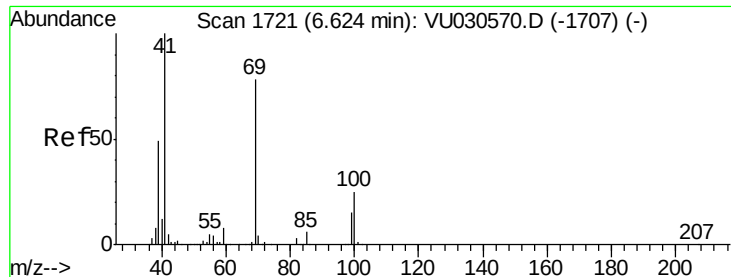
Abundance Ion 74.90 (74.60 to 75.60): VU030570.D (-2928) (-)

Ion 53.00 (52.70 to 53.70): VU030570.D (-2928) (-)

Ion 88.80 (88.50 to 89.50): VU030570.D (-2928) (-)

Ion 87.80 (87.50 to 88.50): VU030570.D (-2928) (-)





#47

Methvl methacrylate

Concen: 10.799 ug/l

RT: 6.62 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VU030569.D

Acq: 30 Mar 2019 11:15

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 69 Resp: 76456

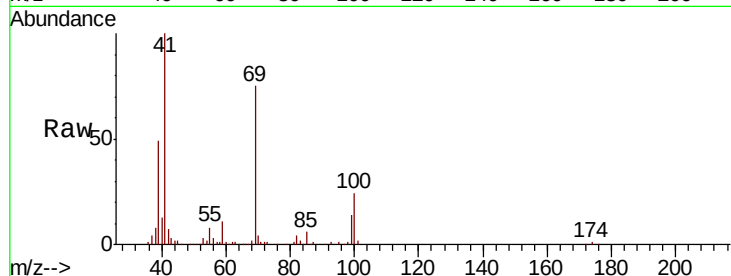
Ion Ratio Lower Upper

69 100

41 128.1 0.0 258.0

39 65.1 51.0 76.4

100 32.7 25.9 38.9

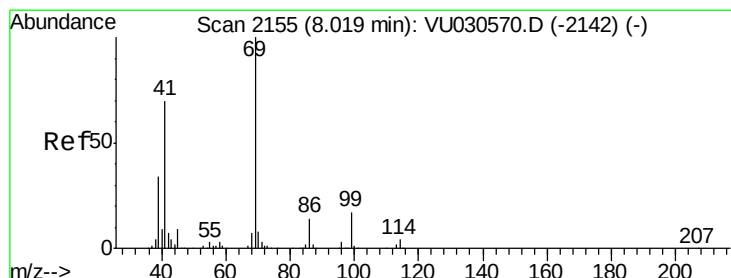
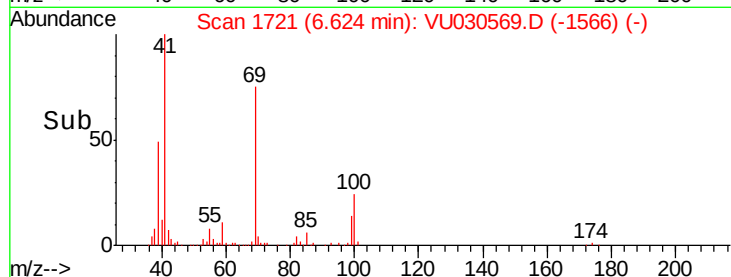
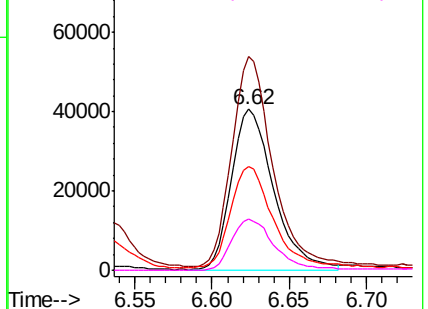


Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 100.00 (99.70 to 100.70): VU0



#48

Ethyl methacrylate

Concen: 5.436 ug/l

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VU030569.D

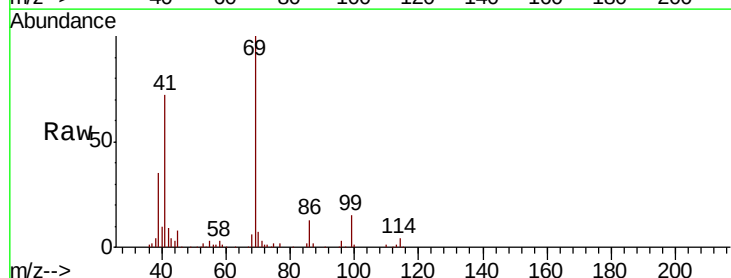
Acq: 30 Mar 2019 11:15

Tgt Ion: 69 Resp: 72228

Ion Ratio Lower Upper

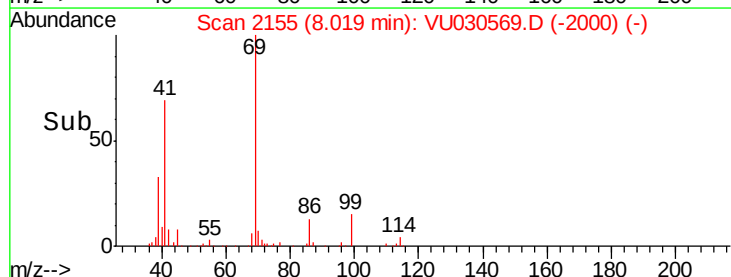
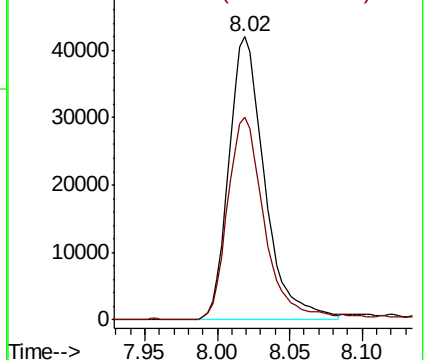
69 100

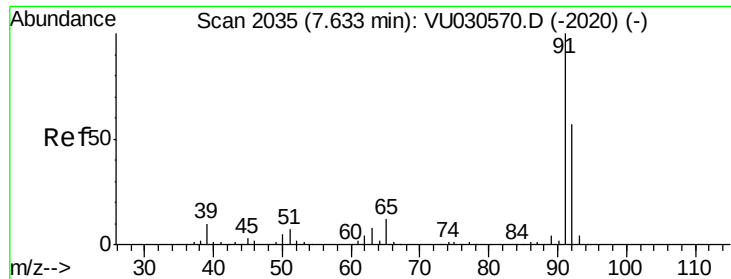
41 74.4 36.1 108.5



Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#49

Toluene

Concen: 5.057 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VU030569.D

Acq: 30 Mar 2019 11:15

Instrument :

MSVOA_U

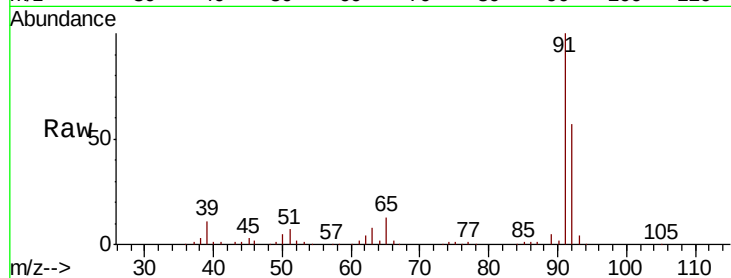
ClientSampled :

Tot Ion: 92 Resp: 191616

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) (-)

200000

150000

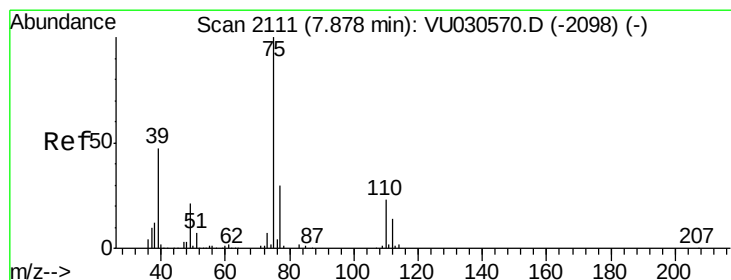
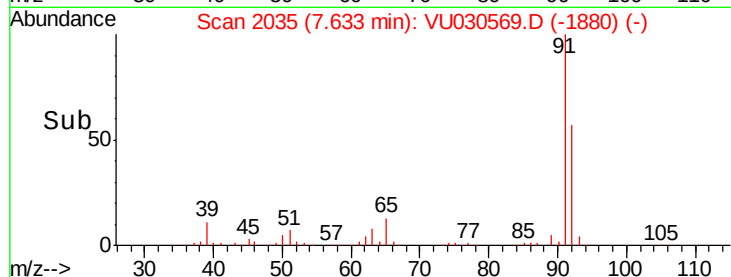
100000

50000

0

7.55 7.60 7.65 7.70

Time-->



#50

t-1,3-Dichloropropene

Concen: 5.509 ug/l

RT: 7.88 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VU030569.D

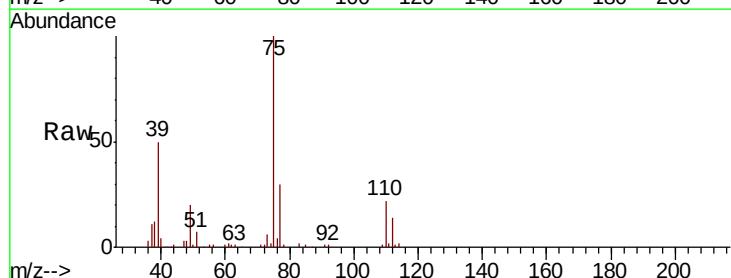
Acq: 30 Mar 2019 11:15

Tgt Ion: 75 Resp: 99067

Ion Ratio Lower Upper

75 100

77 30.0 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) (-)

60000

50000

40000

30000

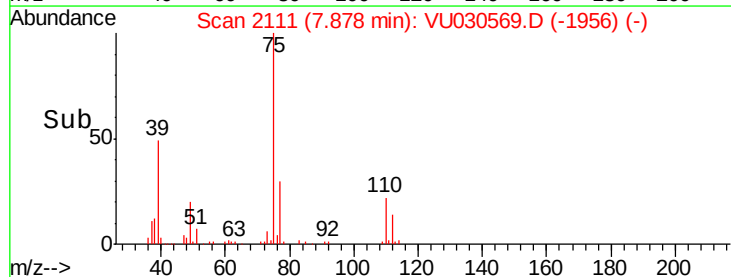
20000

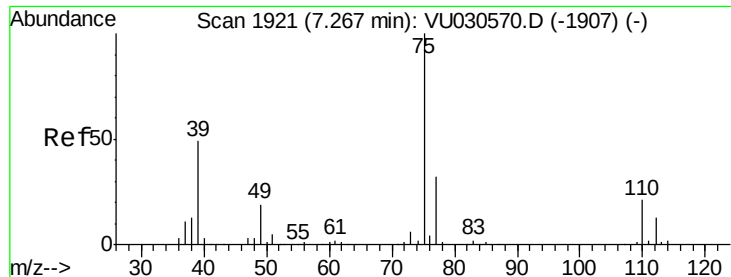
10000

0

7.80 7.85 7.90 7.95 8.00

Time-->



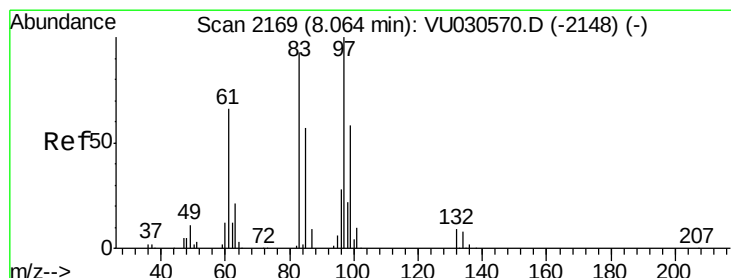
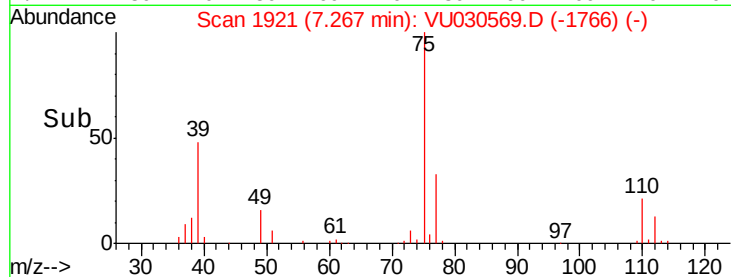
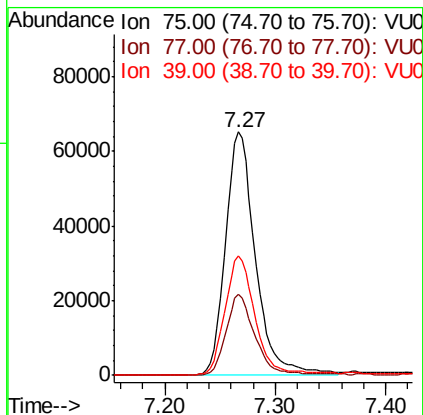
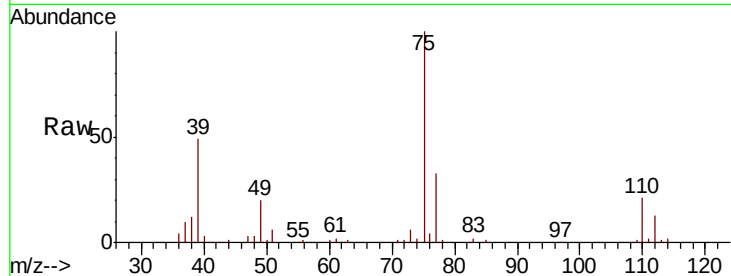


#51

cis-1,3-Dichloropropene
Concen: 5.488 ug/l
RT: 7.27 min Scan# 1921
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Instrument :
MSVOA_U
ClientSampleId :

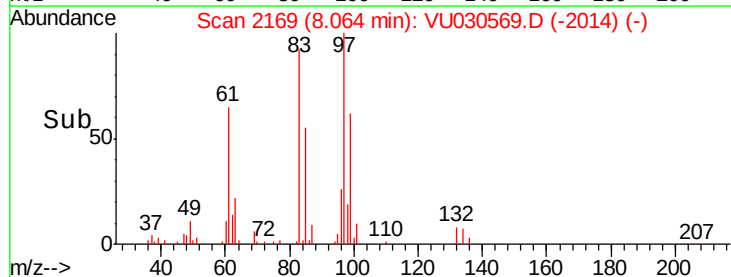
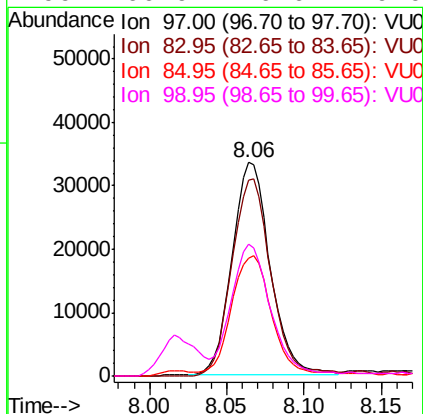
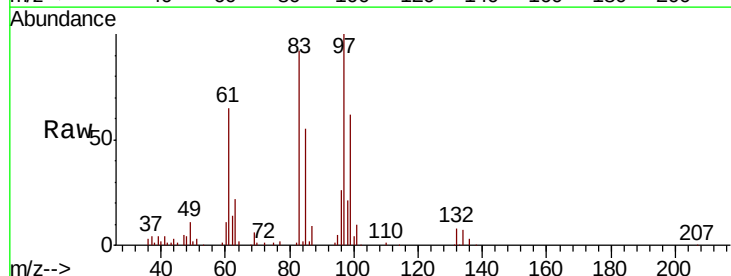
Tot Ion	75	Resp	123079
Ion	Ratio	Lower	Upper
75	100		
77	33.2	25.8	38.6
39	48.5	39.3	58.9

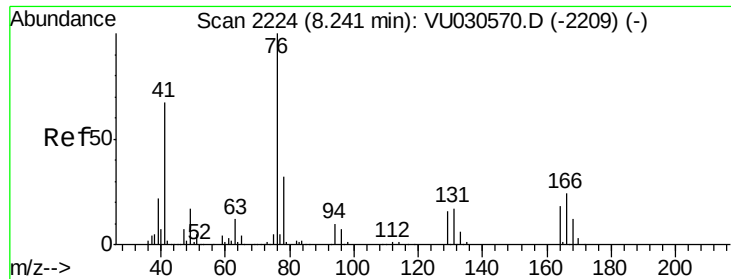


#52

1,1,2-Trichloroethane
Concen: 4.939 ug/l
RT: 8.06 min Scan# 2169
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion	97	Resp	57733
Ion	Ratio	Lower	Upper
97	100		
83	91.9	74.3	111.5
85	54.3	45.4	68.0
99	60.9	46.6	70.0

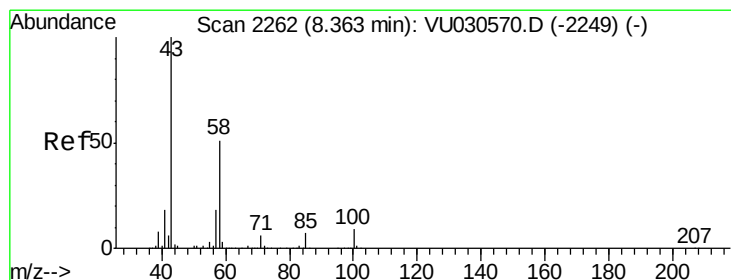
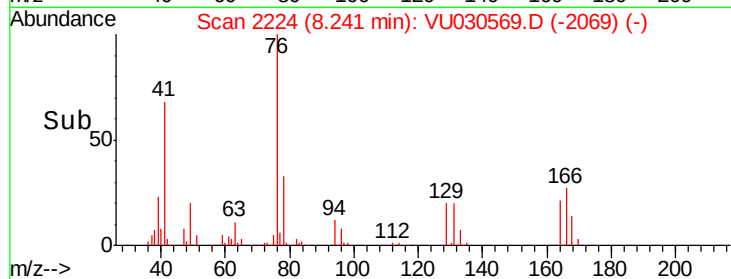
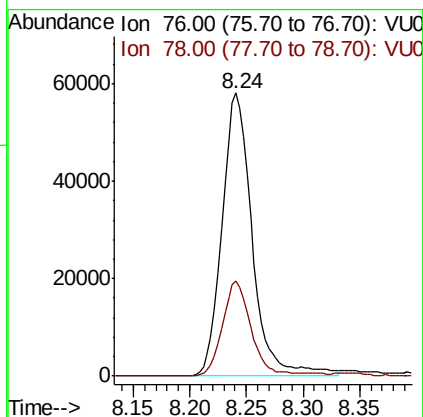
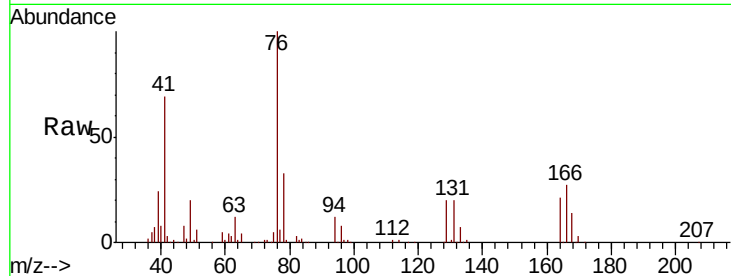




#53
 1,3-Dichloropropane
 Concen: 5.436 ug/l
 RT: 8.24 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VU030569.D
 Acq: 30 Mar 2019 11:15

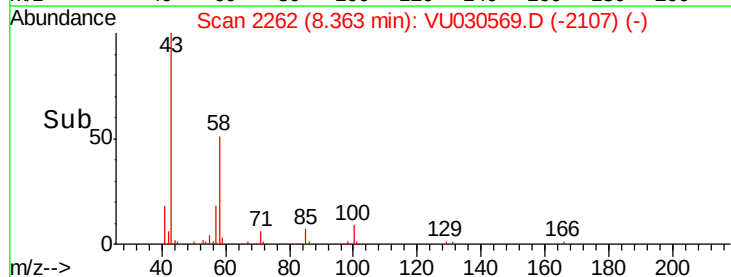
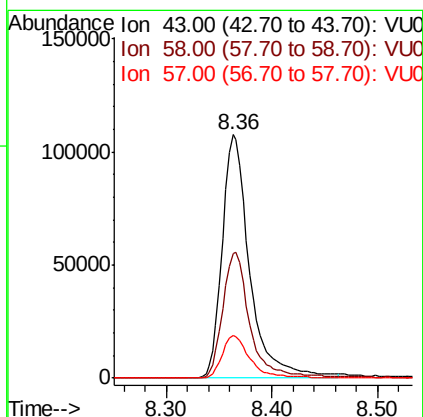
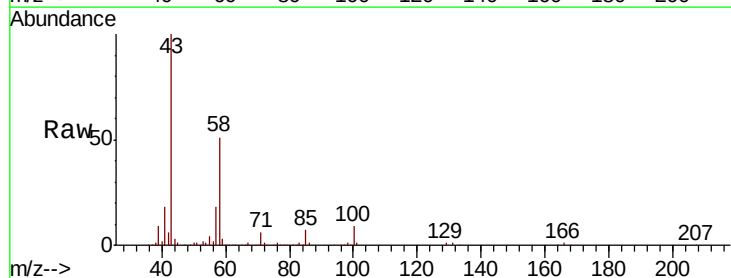
Instrument :
 MSVOA_U
 ClientSampleId :

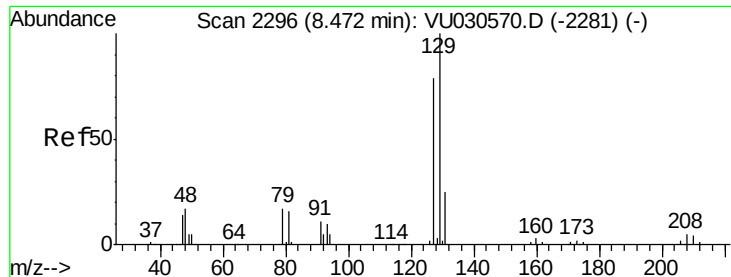
Tot Ion: 76 Resp: 108086
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.3 37.9



#54
 2-Hexanone
 Concen: 30.832 ug/l
 RT: 8.36 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: VU030569.D
 Acq: 30 Mar 2019 11:15

Tgt Ion: 43 Resp: 193669
 Ion Ratio Lower Upper
 43 100
 58 51.3 32.5 72.5
 57 17.9 0.0 37.6

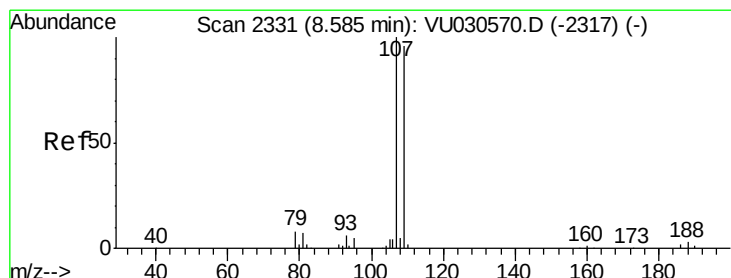
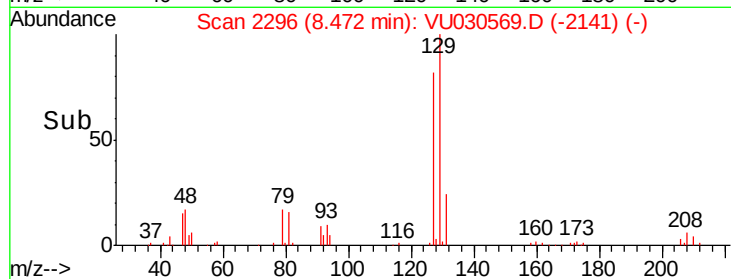
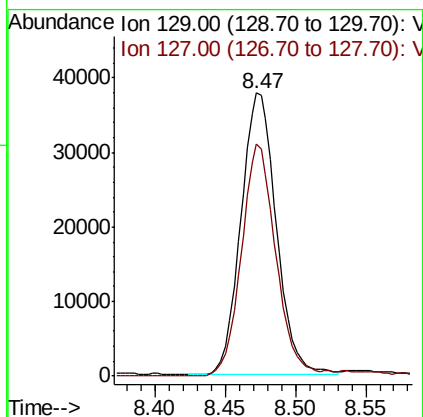
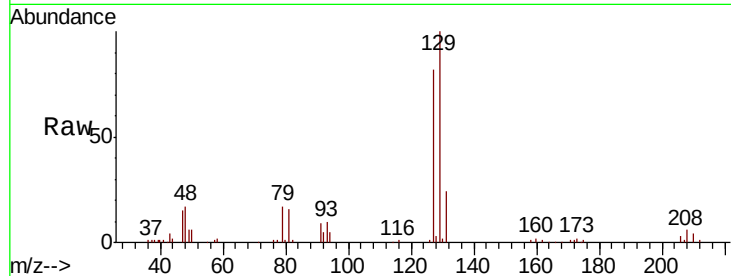




#55
Dibromochloromethane
Concen: 4.792 ug/l
RT: 8.47 min Scan# 2296
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

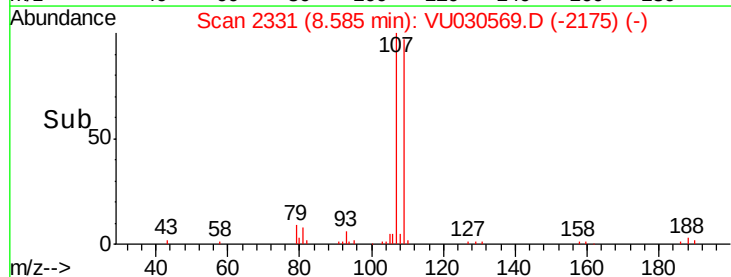
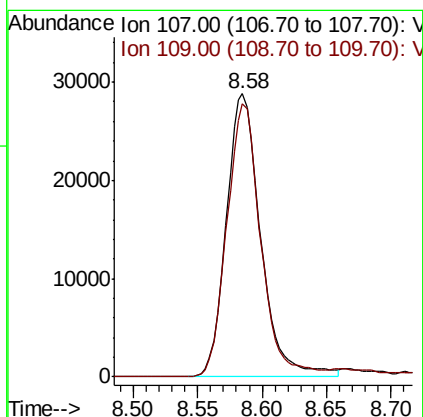
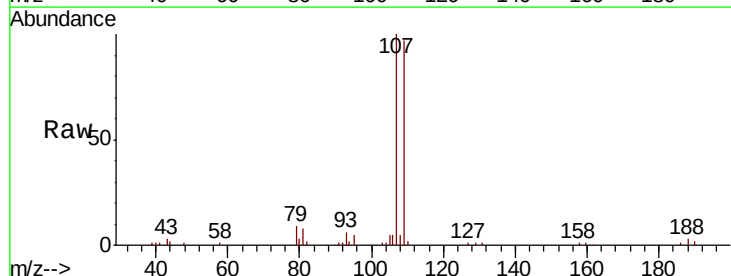
Instrument :
MSVOA_U
ClientSampleId :

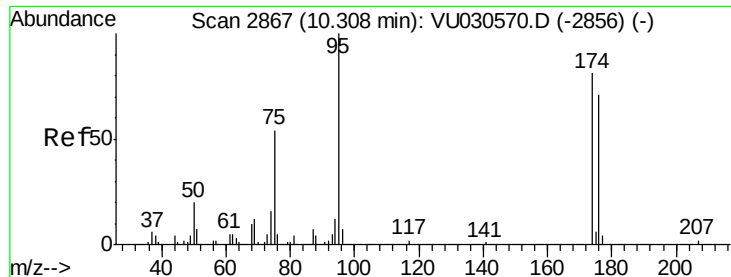
Tot Ion:129 Resp: 66676
Ion Ratio Lower Upper
129 100
127 80.1 62.2 93.4



#56
1,2-Dibromoethane
Concen: 4.797 ug/l
RT: 8.58 min Scan# 2331
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion:107 Resp: 53441
Ion Ratio Lower Upper
107 100
109 95.2 0.0 190.0

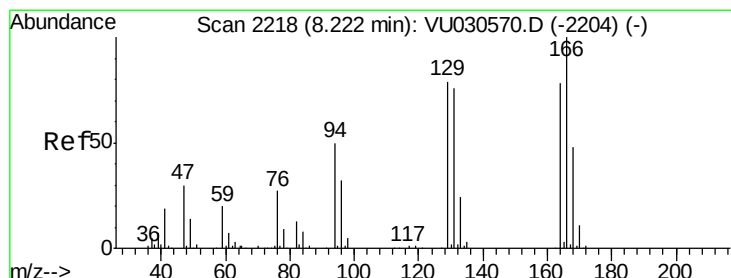
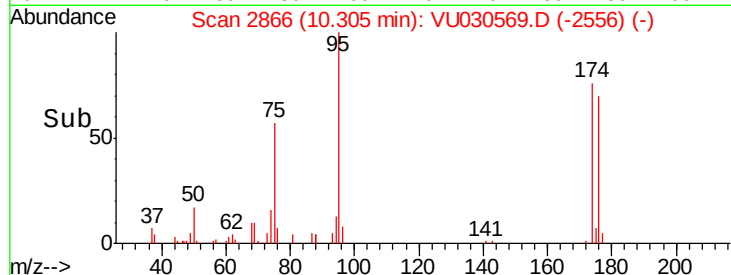
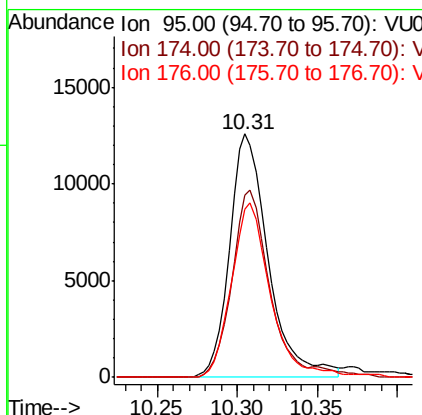
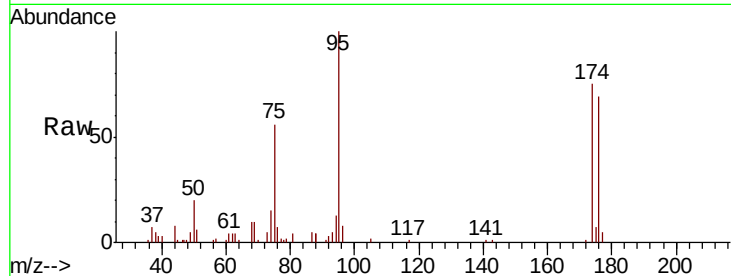




#57
4-Bromofluorobenzene
Concen: 4.797 ug/l
RT: 10.31 min Scan# 2866
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

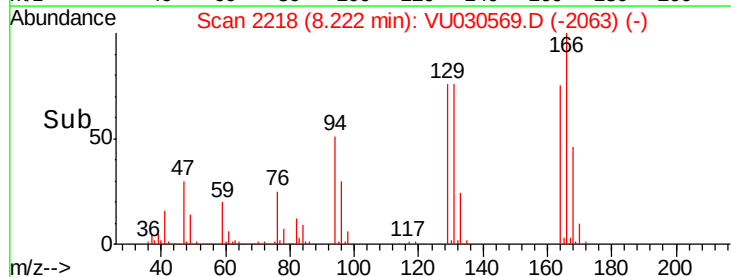
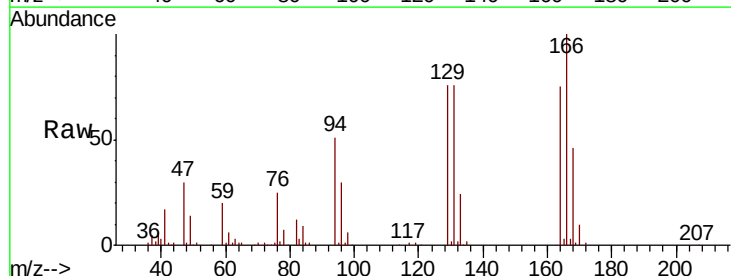
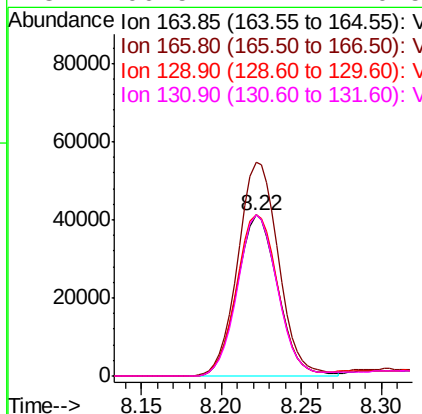
Instrument :
MSVOA_U
ClientSampled :

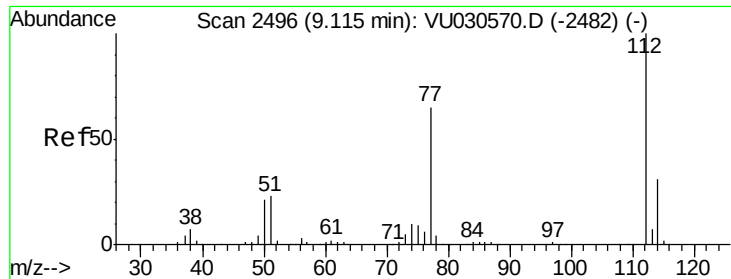
Tot Ion: 95 Resp: 20727
Ion Ratio Lower Upper
95 100
174 76.3 60.5 90.7
176 71.6 57.9 86.9



#58
Tetrachloroethene
Concen: 4.430 ug/l
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion: 164 Resp: 71443
Ion Ratio Lower Upper
164 100
166 132.8 102.4 153.6
129 100.6 81.4 122.0
131 100.5 77.7 116.5

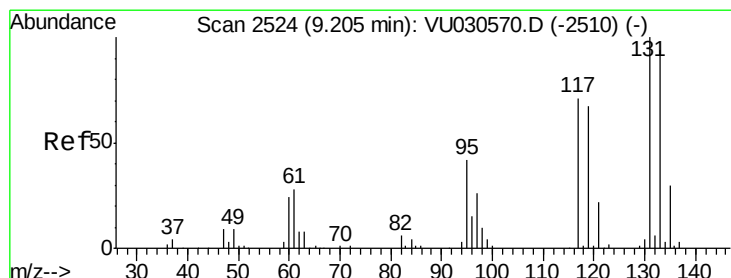
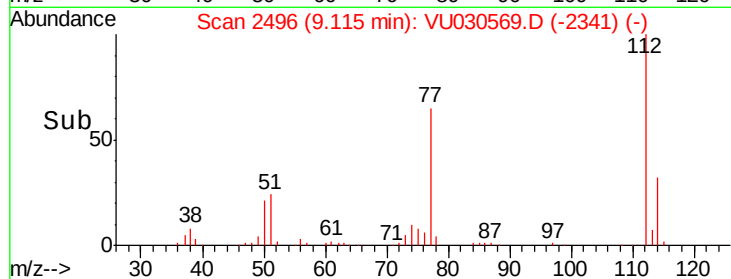
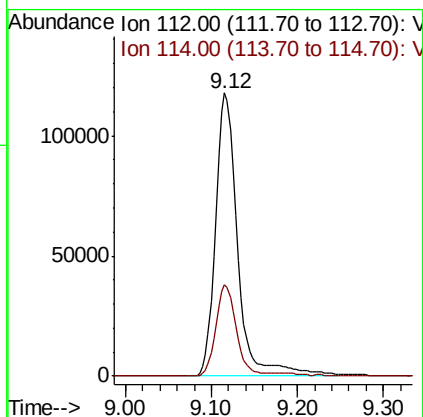
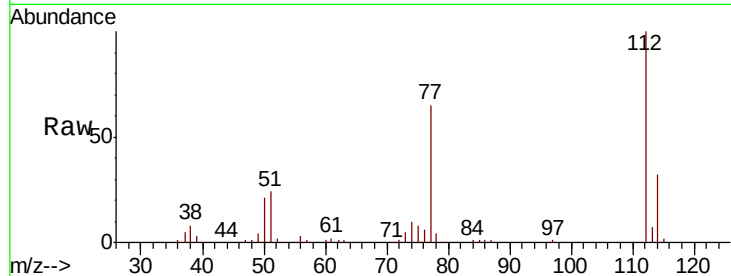




#59
Chlorobenzene
Concen: 4.958 ug/l
RT: 9.12 min Scan# 2496
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

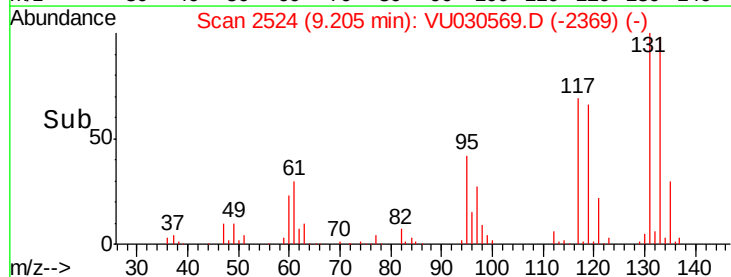
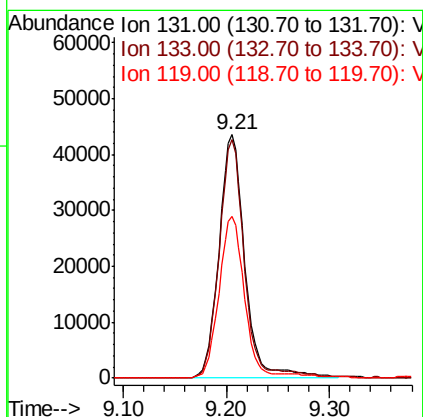
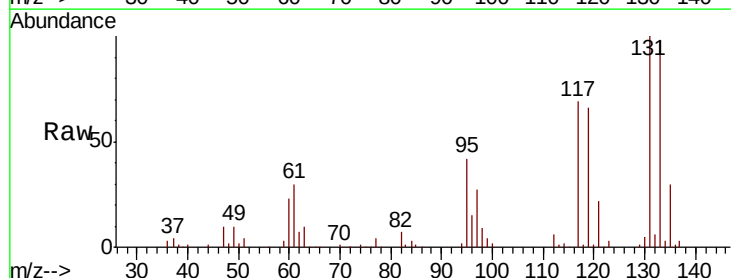
Instrument :
MSVOA_U
ClientSampled :

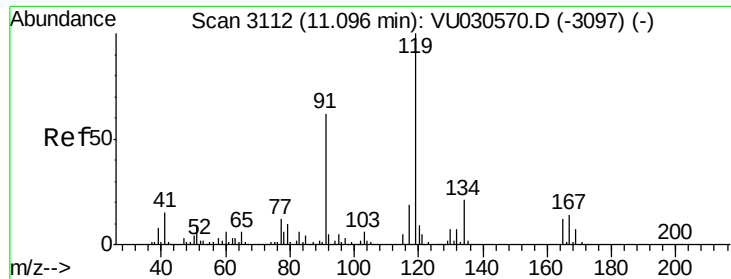
Tot Ion:112 Resp: 212868
Ion Ratio Lower Upper
112 100
114 32.1 24.9 37.3



#60
1,1,1,2-Tetrachloroethane
Concen: 5.058 ug/l
RT: 9.21 min Scan# 2524
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion:131 Resp: 76201
Ion Ratio Lower Upper
131 100
133 93.0 77.5 116.3
119 64.2 53.2 79.8

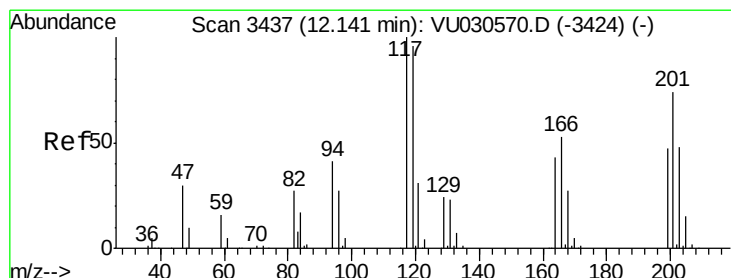
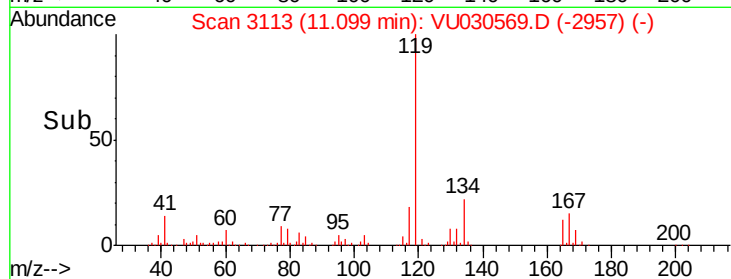
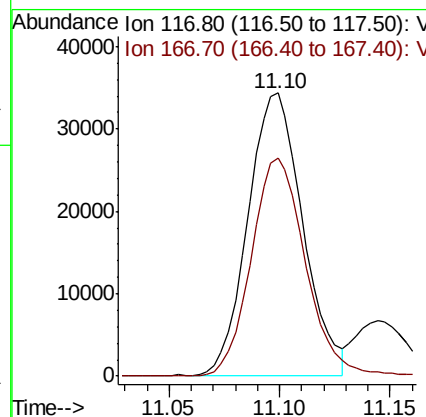
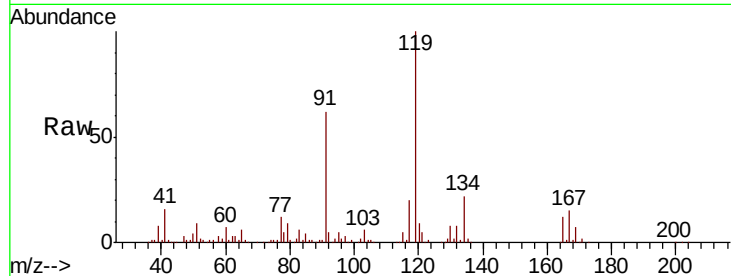




#61
 Pentachloroethane
 Concen: 5.018 ug/l
 RT: 11.10 min Scan# 3113
 Delta R.T. 0.00 min
 Lab File: VU030569.D
 Acq: 30 Mar 2019 11:15

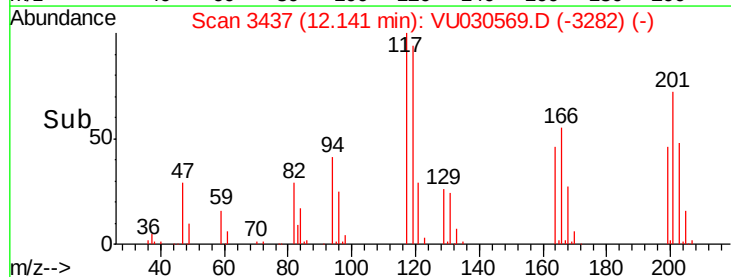
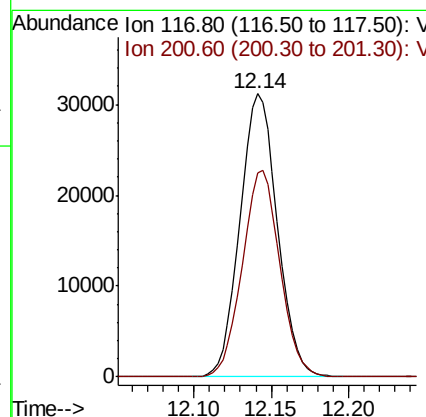
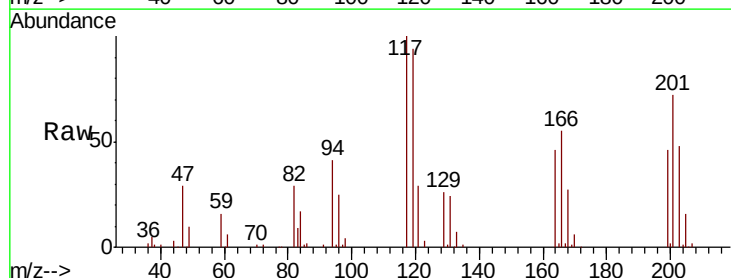
Instrument :
 MSVOA_U
 ClientSampleId :

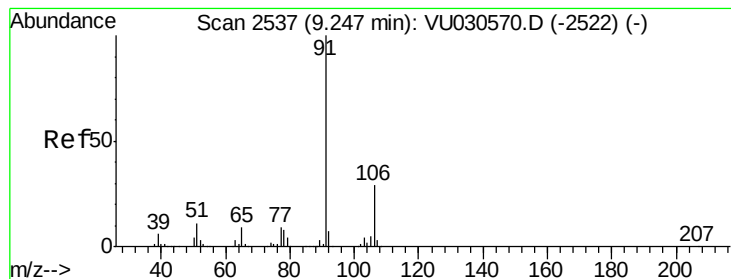
Tot Ion:117 Resp: 58852
 Ion Ratio Lower Upper
 117 100
 167 76.9 62.6 93.8



#62
 Hexachloroethane
 Concen: 4.558 ug/l
 RT: 12.14 min Scan# 3437
 Delta R.T. -0.00 min
 Lab File: VU030569.D
 Acq: 30 Mar 2019 11:15

Tgt Ion:117 Resp: 52291
 Ion Ratio Lower Upper
 117 100
 201 73.5 59.1 88.7





#63

Ethyl Benzene

Concen: 5.174 ug/l

RT: 9.25 min Scan# 2537

Delta R.T. -0.00 min

Lab File: VU030569.D

Acq: 30 Mar 2019 11:15

Instrument :

MSVOA_U

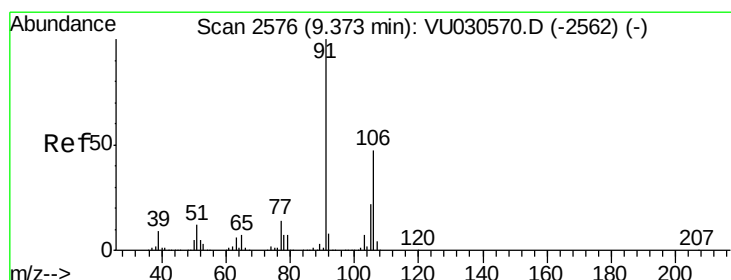
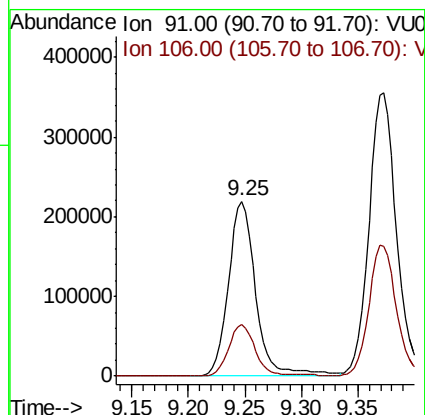
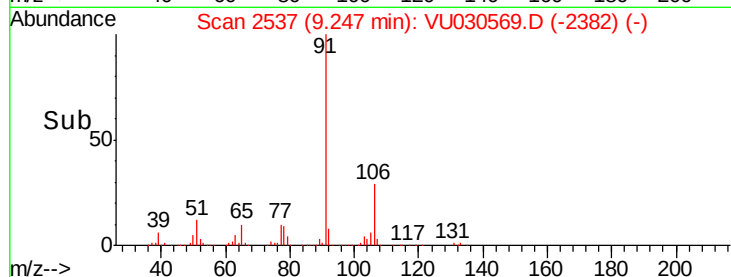
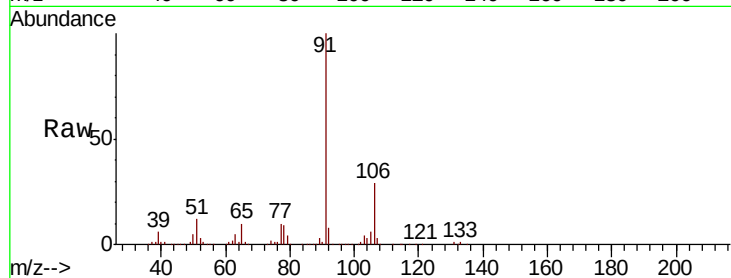
ClientSampled :

Tot Ion: 91 Resp: 370209

Ion Ratio Lower Upper

91 100

106 29.5 23.1 34.7



#64

m/p-Xylenes

Concen: 10.444 ug/l

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU030569.D

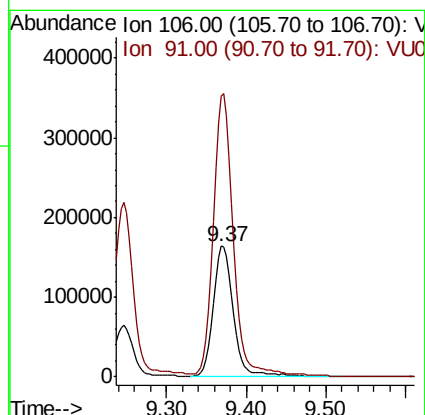
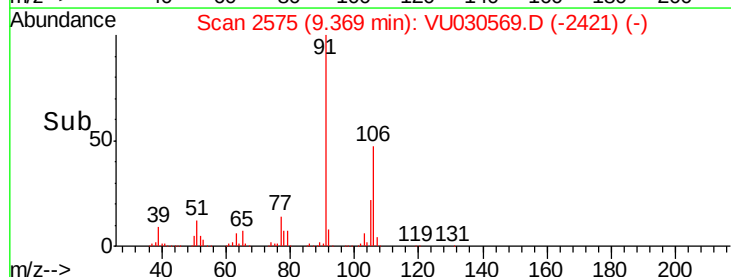
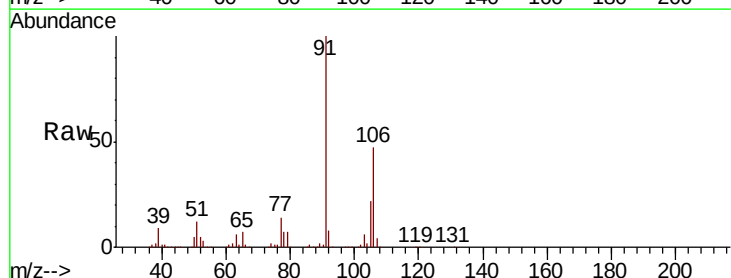
Acq: 30 Mar 2019 11:15

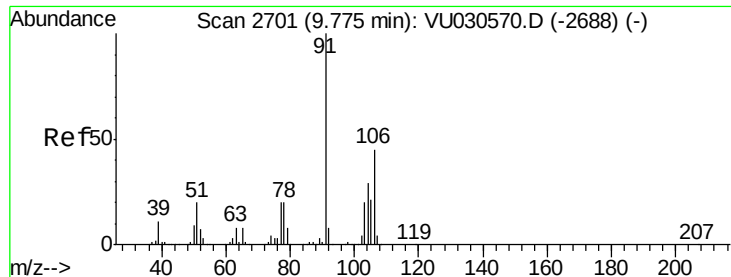
Tgt Ion: 106 Resp: 288768

Ion Ratio Lower Upper

106 100

91 213.8 179.4 269.0





#65

o-Xylene

Concen: 5.010 ug/l

RT: 9.77 min Scan# 2701

Delta R.T. -0.00 min

Lab File: VU030569.D

Acq: 30 Mar 2019 11:15

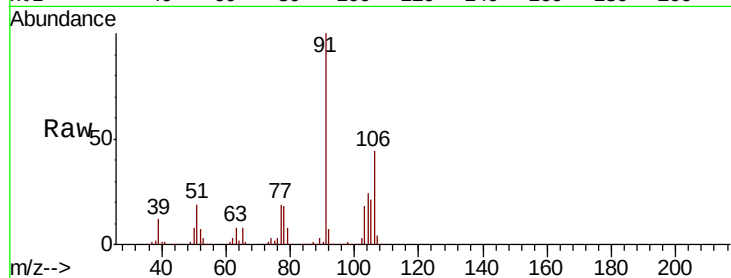
Instrument :
MSVOA_U
ClientSampled :

Tot Ion:106 Resp: 135721

Ion Ratio Lower Upper

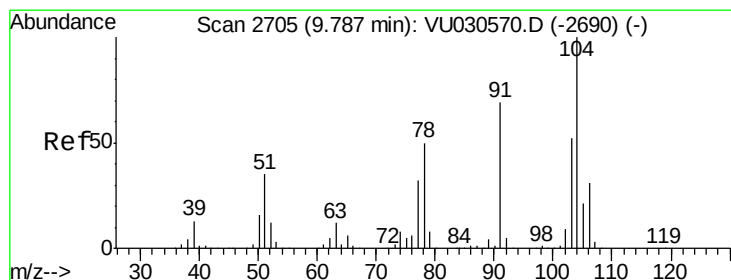
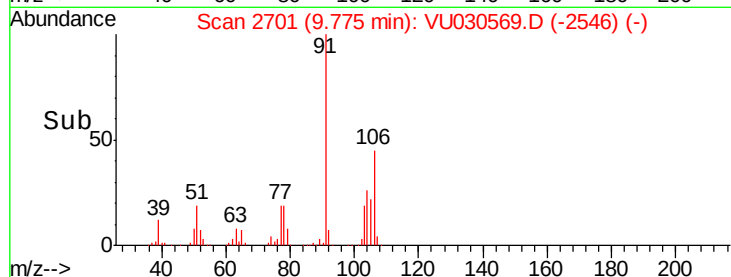
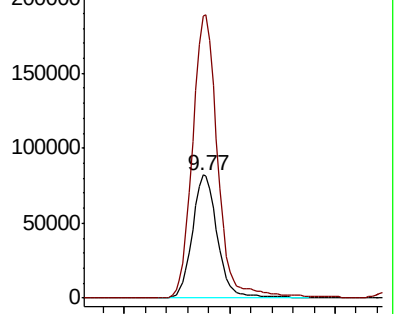
106 100

91 231.2 115.5 346.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 5.274 ug/l

RT: 9.79 min Scan# 2706

Delta R.T. 0.00 min

Lab File: VU030569.D

Acq: 30 Mar 2019 11:15

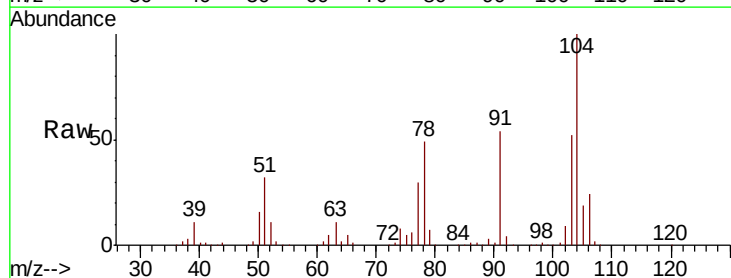
Tgt Ion:104 Resp: 236121

Ion Ratio Lower Upper

104 100

78 53.7 42.3 63.5

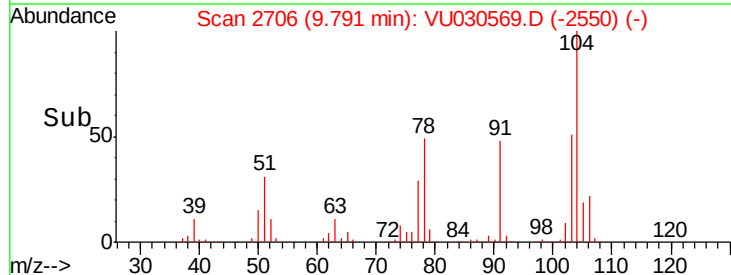
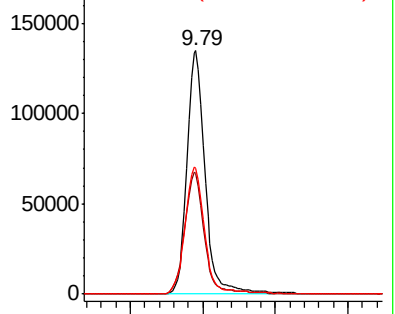
103 56.3 44.7 67.1

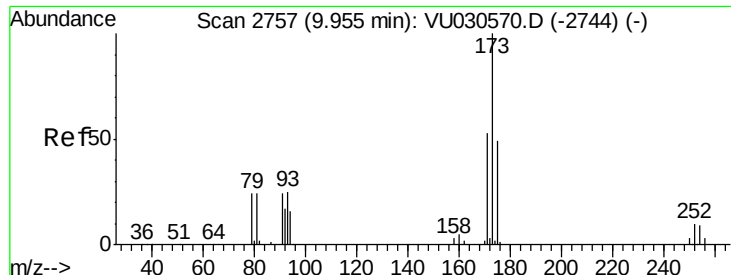


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V





#67

Bromoform

Concen: 4.739 ug/l

RT: 9.95 min Scan# 2757

Delta R.T. -0.00 min

Lab File: VU030569.D

Acq: 30 Mar 2019 11:15

Instrument :
MSVOA_U
ClientSampled :

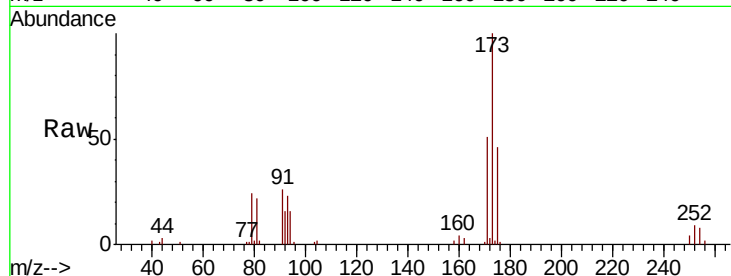
Tot Ion:173 Resp: 37367

Ion Ratio Lower Upper

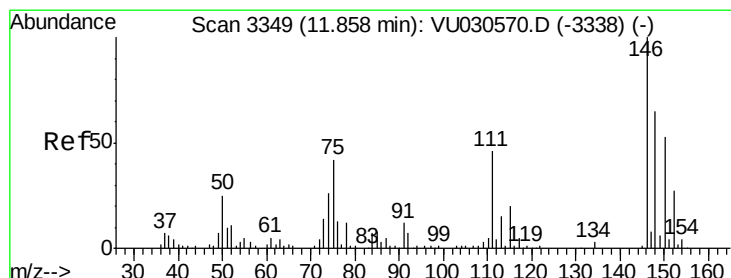
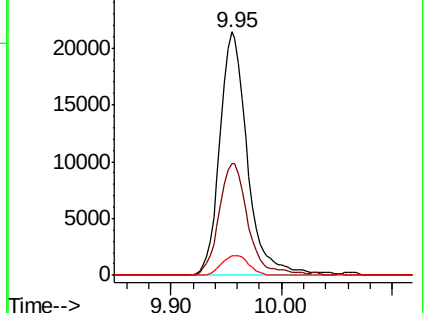
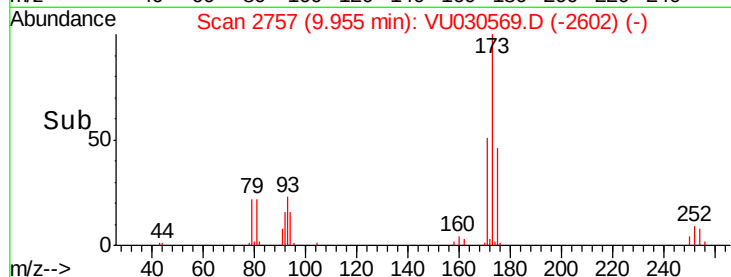
173 100

175 47.9 38.6 57.8

254 7.9 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: 4.739 ug/l

RT: 11.86 min Scan# 3349

Delta R.T. -0.00 min

Lab File: VU030569.D

Acq: 30 Mar 2019 11:15

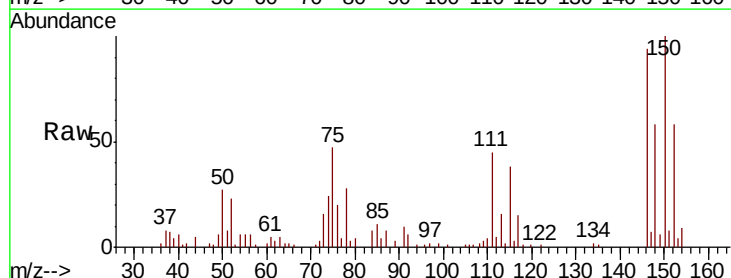
Tgt Ion:152 Resp: 19309

Ion Ratio Lower Upper

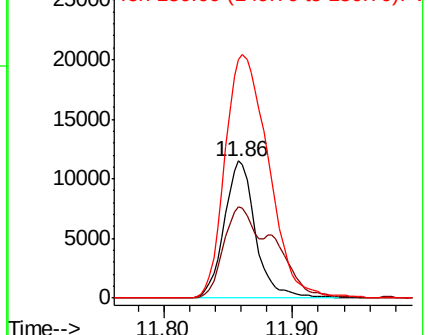
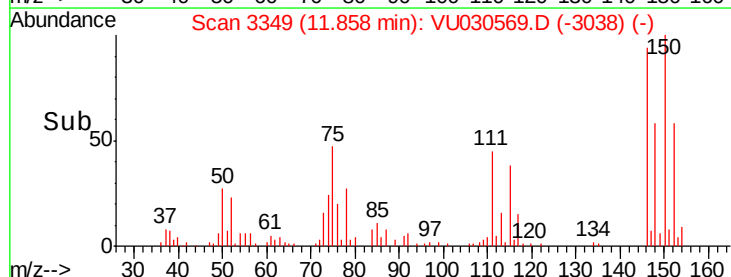
152 100

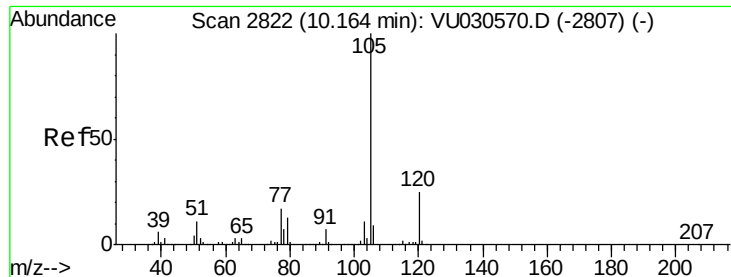
115 71.6 0.0 136.2

150 247.5 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: 5.110 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. -0.00 min

Lab File: VU030569.D

Acq: 30 Mar 2019 11:15

Instrument :

MSVOA_U

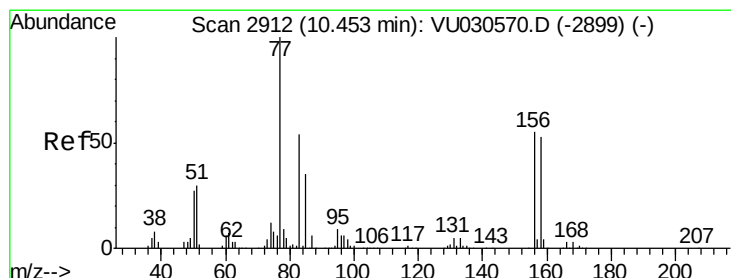
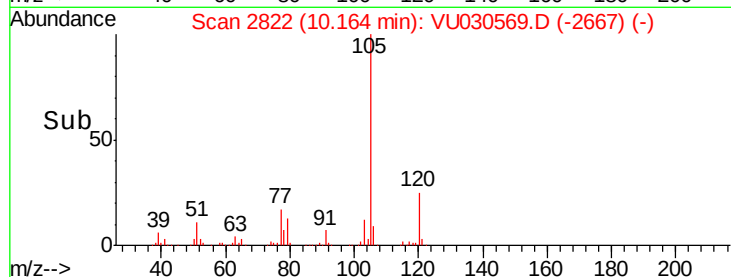
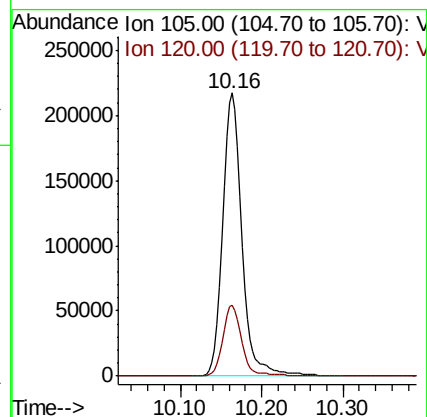
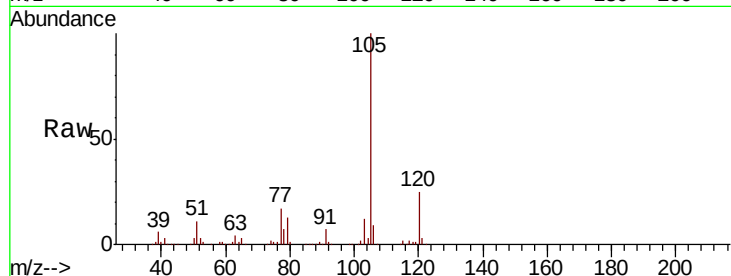
ClientSampleId :

Tot Ion:105 Resp: 364430

Ion Ratio Lower Upper

105 100

120 24.5 12.6 37.6



#70

1,1,2,2-Tetrachloroethane

Concen: 5.543 ug/l

RT: 10.46 min Scan# 2913

Delta R.T. 0.00 min

Lab File: VU030569.D

Acq: 30 Mar 2019 11:15

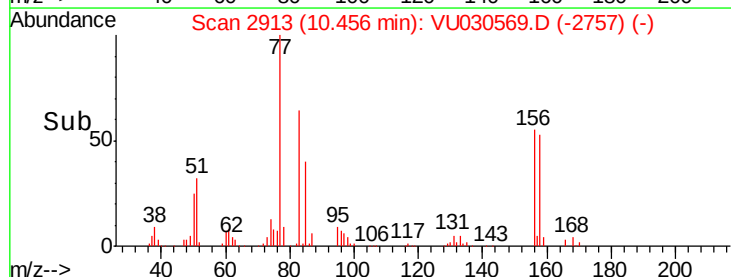
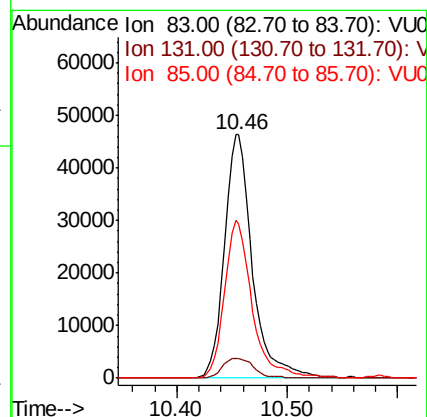
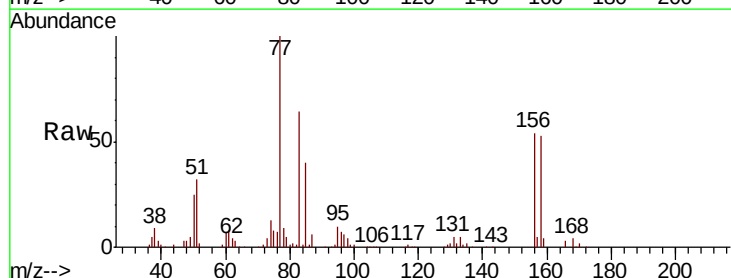
Tgt Ion: 83 Resp: 81178

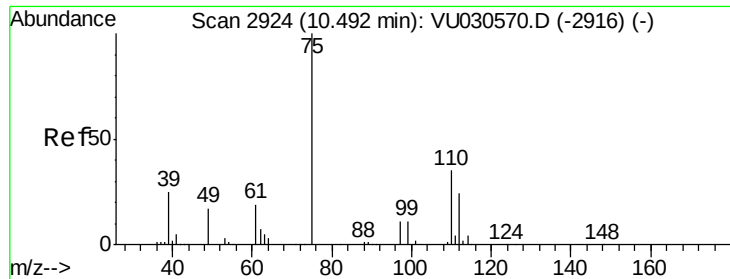
Ion Ratio Lower Upper

83 100

131 9.3 7.0 10.6

85 64.3 51.0 76.4

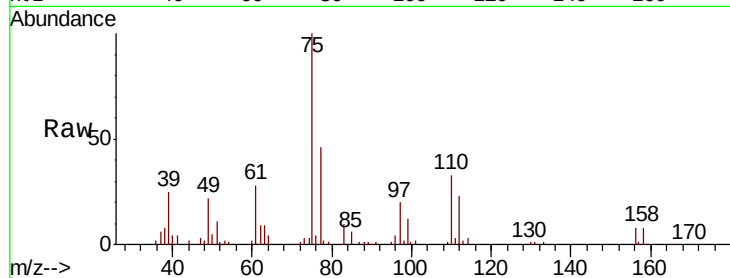




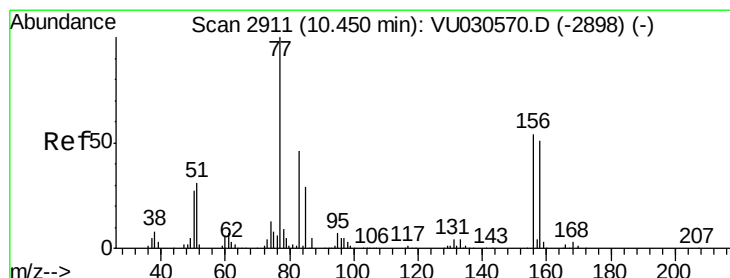
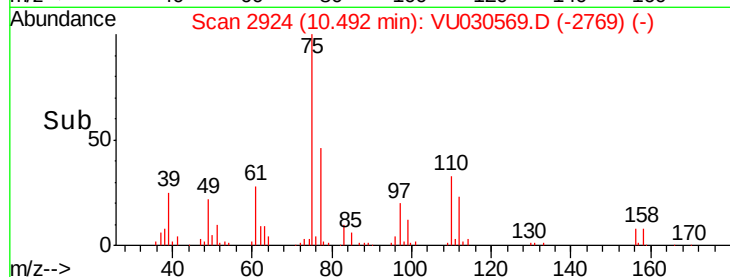
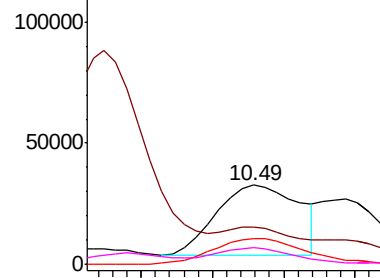
#71
 1,2,3-Trichloropropane
 Concen: 4.412 ug/l
 RT: 10.49 min Scan# 2924
 Delta R.T. -0.00 min
 Lab File: VU030569.D
 Acq: 30 Mar 2019 11:15

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:	75	Resp:	46866
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	40.7	0.0	83.8
97	20.7	0.0	42.8

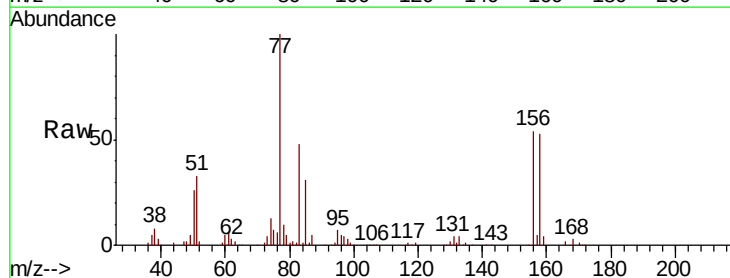


Abundance Ion 75.00 (74.70 to 75.70): VU030570.D (-2916) (-)
 Ion 77.00 (76.70 to 77.70): VU030570.D (-2916) (-)
 Ion 110.00 (109.70 to 110.70): VU030570.D (-2916) (-)
 Ion 97.00 (96.70 to 97.70): VU030570.D (-2916) (-)

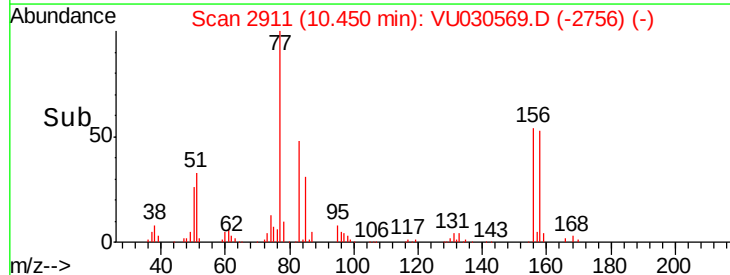
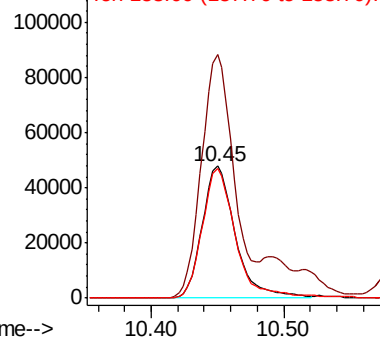


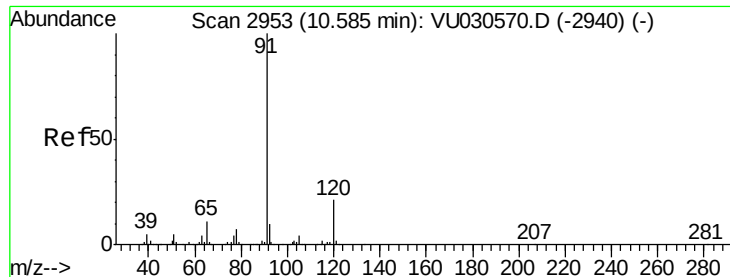
#72
 Bromobenzene
 Concen: 4.543 ug/l
 RT: 10.45 min Scan# 2911
 Delta R.T. -0.00 min
 Lab File: VU030569.D
 Acq: 30 Mar 2019 11:15

Tgt Ion:	156	Resp:	83145
Ion	Ratio	Lower	Upper
156	100		
77	178.6	0.0	363.0
158	99.8	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: 4.745 ug/l

RT: 10.58 min Scan# 2953

Delta R.T. -0.00 min

Lab File: VU030569.D

Acq: 30 Mar 2019 11:15

Instrument :

MSVOA_U

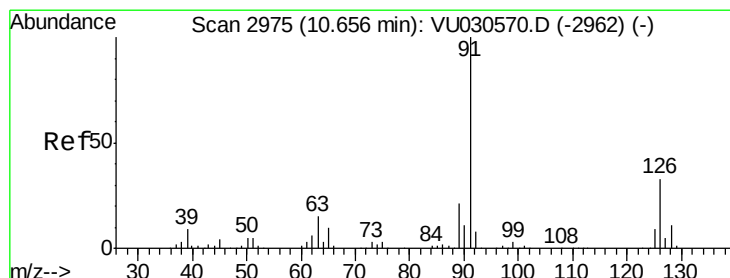
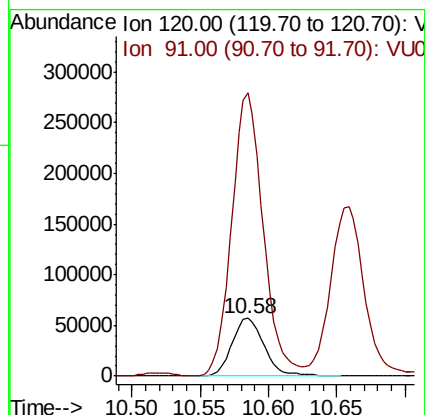
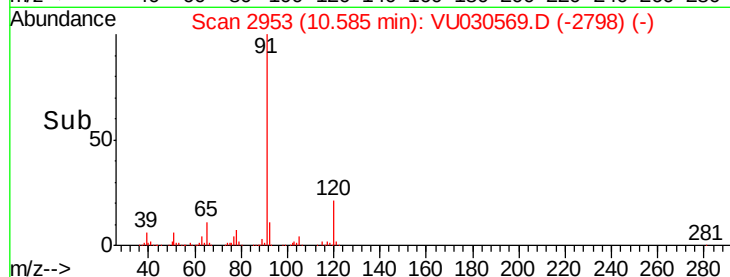
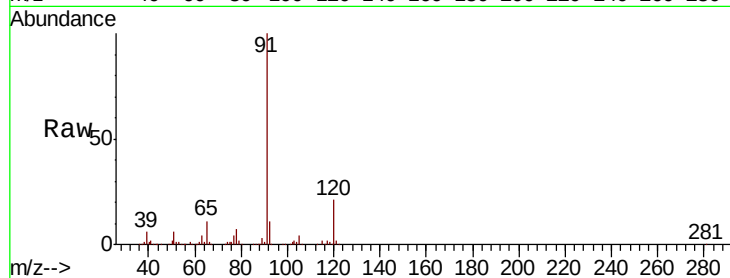
ClientSampleId :

Tot Ion:120 Resp: 94801

Ion Ratio Lower Upper

120 100

91 472.1 371.6 557.4



#74

2-Chlorotoluene

Concen: 4.960 ug/l

RT: 10.66 min Scan# 2976

Delta R.T. 0.00 min

Lab File: VU030569.D

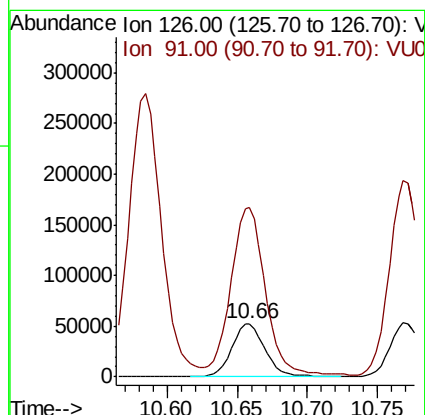
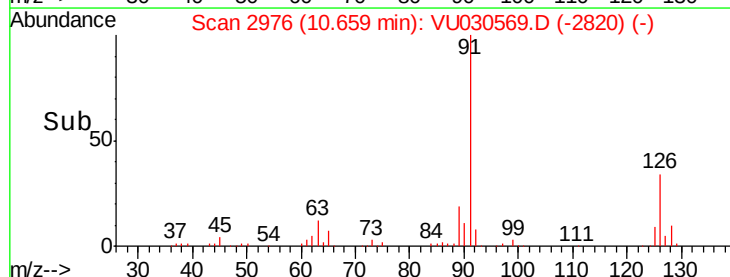
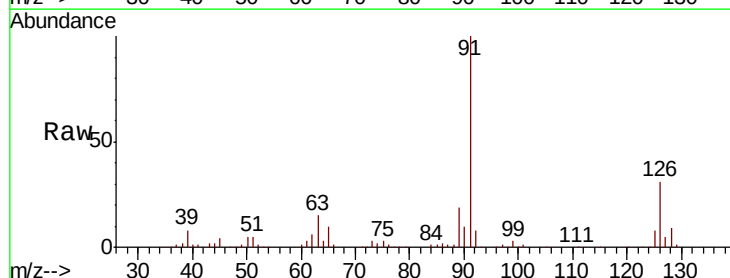
Acq: 30 Mar 2019 11:15

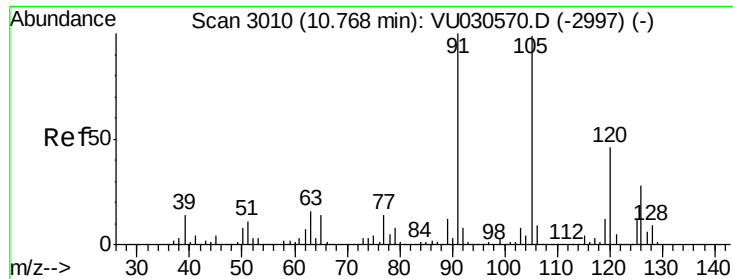
Tgt Ion:126 Resp: 87133

Ion Ratio Lower Upper

126 100

91 330.3 0.0 656.8





#75

1,3,5-Trimethylbenzene

Concen: 5.229 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. -0.00 min

Lab File: VU030569.D

Acq: 30 Mar 2019 11:15

Instrument :

MSVOA_U

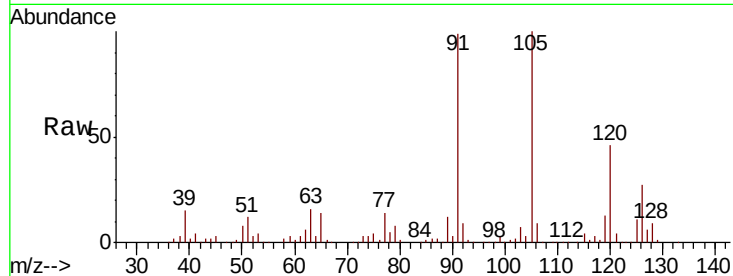
ClientSampled :

Tot Ion:105 Resp: 316443

Ion Ratio Lower Upper

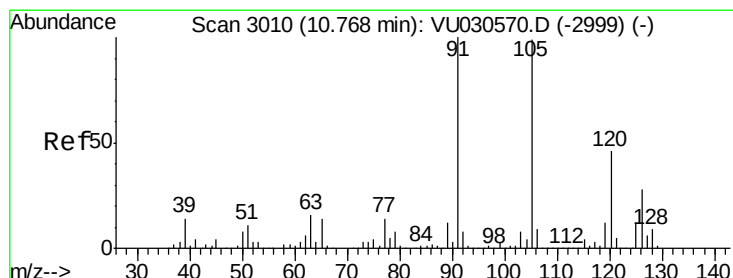
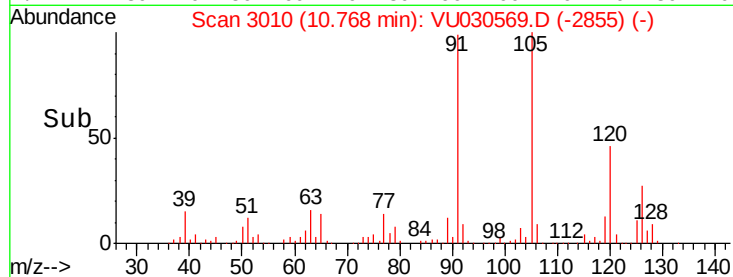
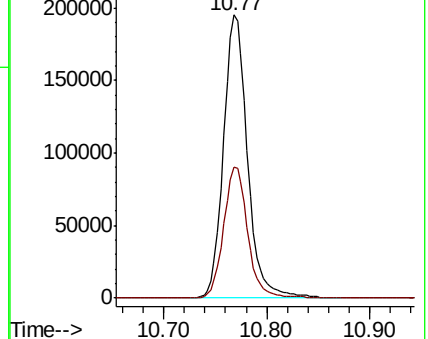
105 100

120 46.4 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: 5.018 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. -0.00 min

Lab File: VU030569.D

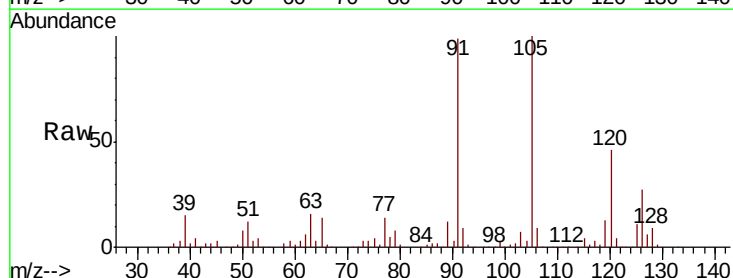
Acq: 30 Mar 2019 11:15

Tgt Ion:126 Resp: 89678

Ion Ratio Lower Upper

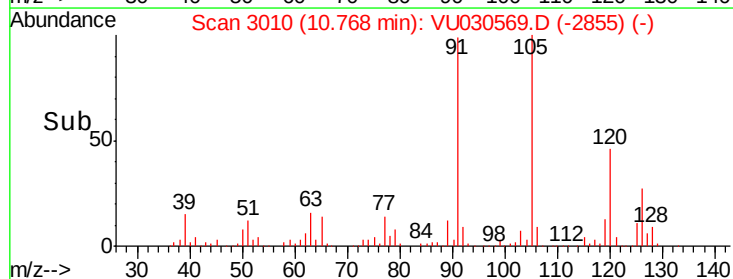
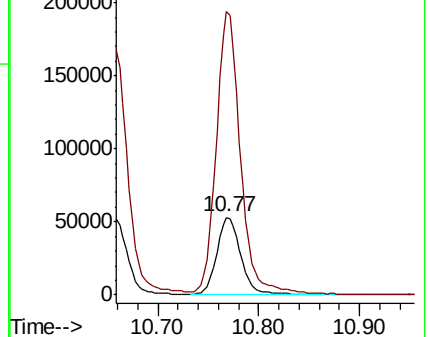
126 100

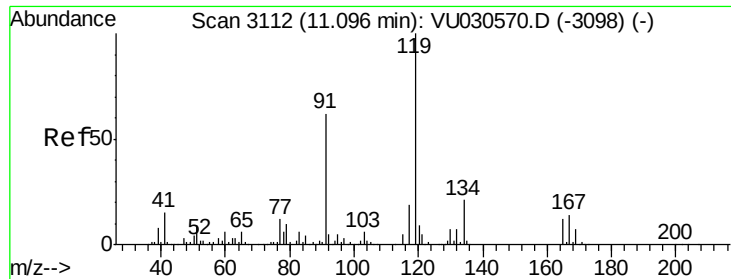
91 356.0 0.0 721.6



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

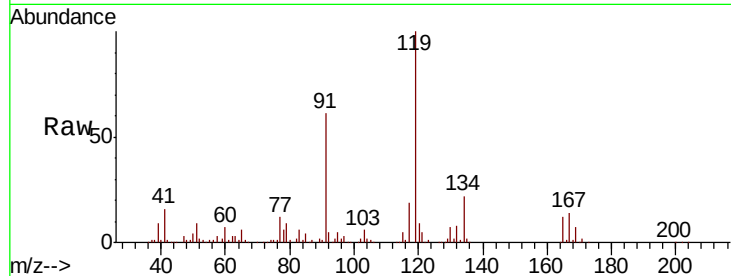




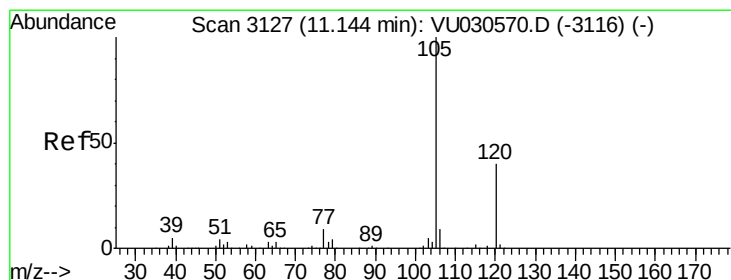
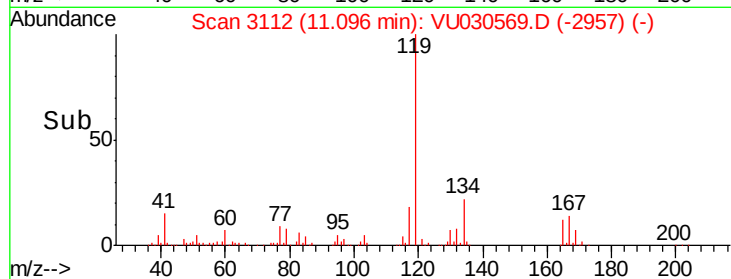
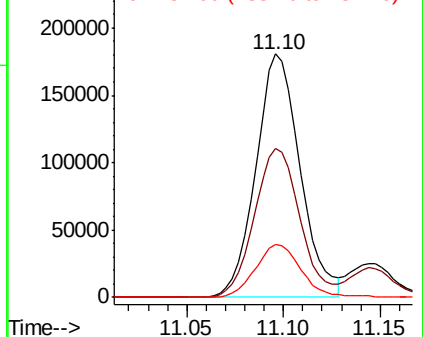
#77
tert-Butylbenzene
Concen: 4.878 ug/l
RT: 11.10 min Scan# 3112
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:119 Resp: 287293
Ion Ratio Lower Upper
119 100
91 62.1 30.9 92.8
134 22.6 17.6 26.4

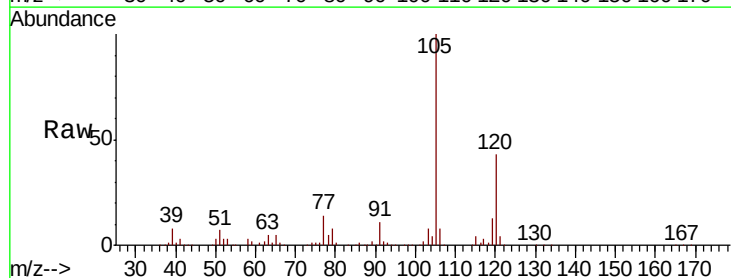


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VU
Ion 134.00 (133.70 to 134.70): V

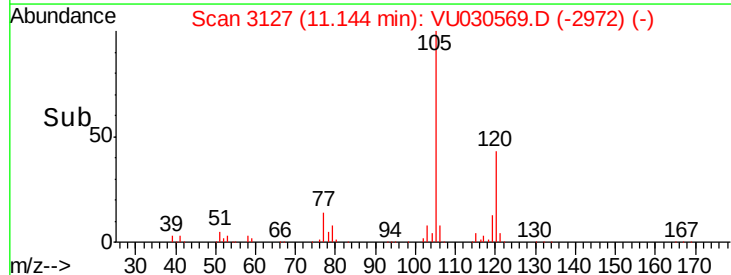
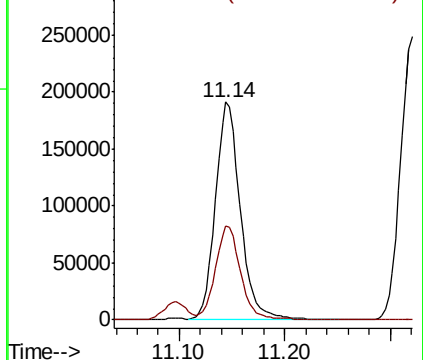


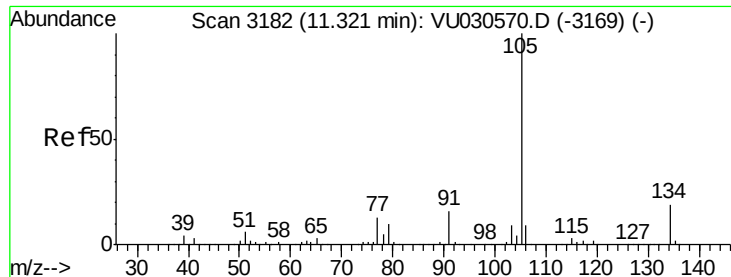
#78
1,2,4-Trimethylbenzene
Concen: 5.082 ug/l
RT: 11.14 min Scan# 3127
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion:105 Resp: 311831
Ion Ratio Lower Upper
105 100
120 44.2 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: 5.038 ug/l

RT: 11.32 min Scan# 3182

Delta R.T. -0.00 min

Lab File: VU030569.D

Acq: 30 Mar 2019 11:15

Instrument :

MSVOA_U

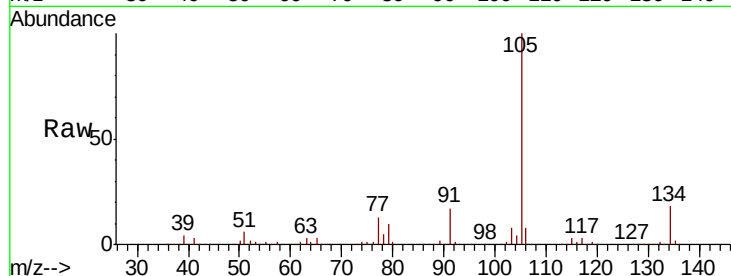
ClientSampled :

Tot Ion:105 Resp: 398166

Ion Ratio Lower Upper

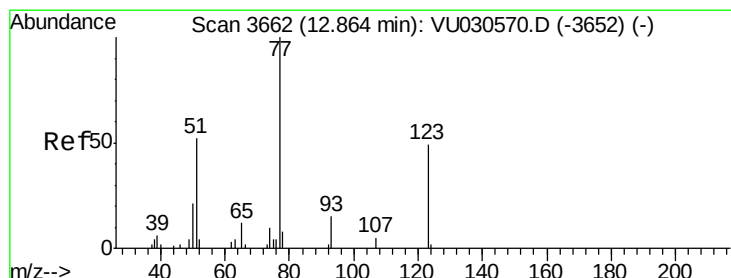
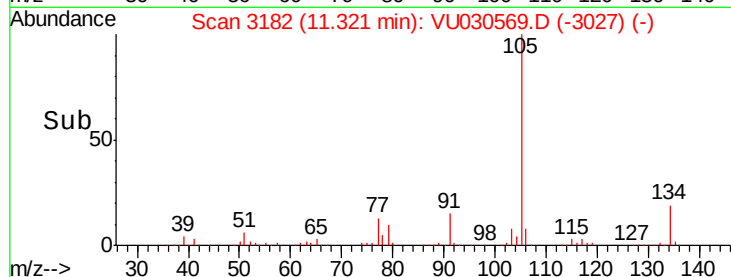
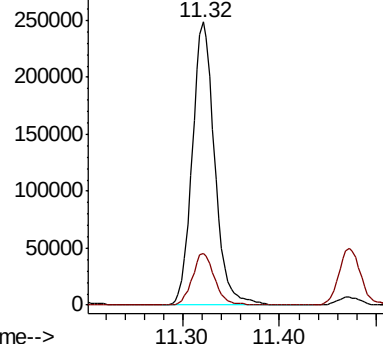
105 100

134 18.4 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: 15.807 ug/l

RT: 12.88 min Scan# 3666

Delta R.T. 0.01 min

Lab File: VU030569.D

Acq: 30 Mar 2019 11:15

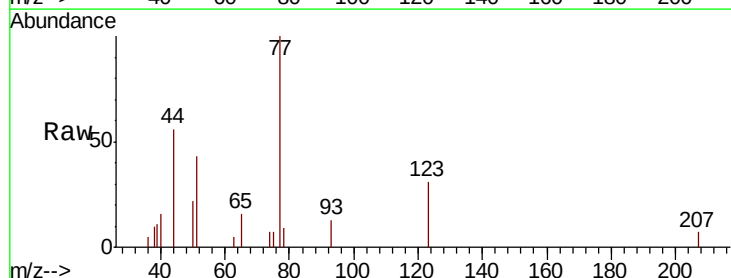
Tgt Ion: 77 Resp: 3984

Ion Ratio Lower Upper

77 100

123 39.9 17.5 62.1

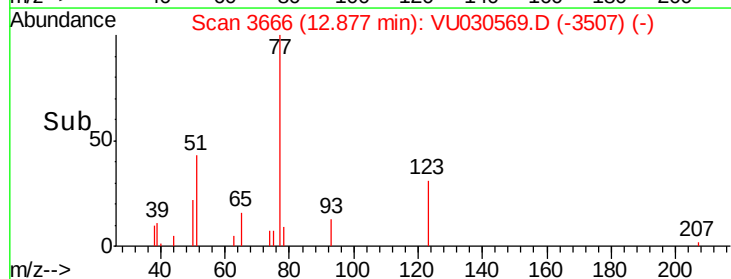
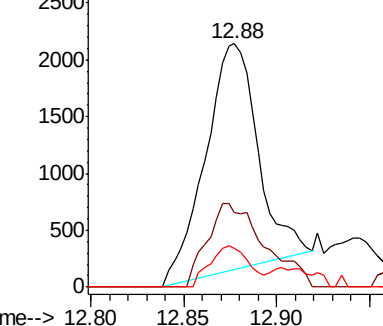
65 10.4 8.1 10.3#

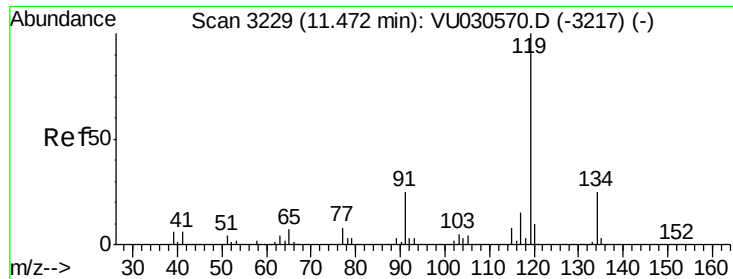


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

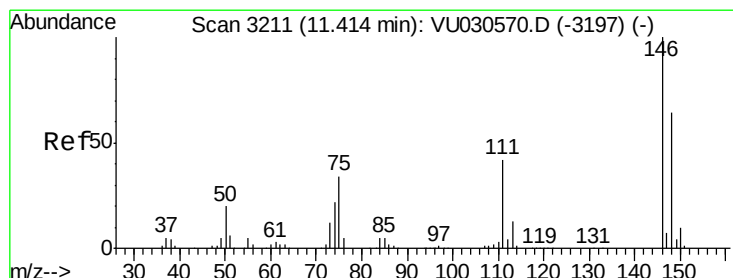
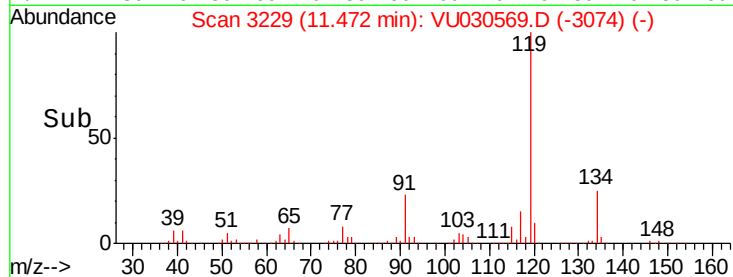
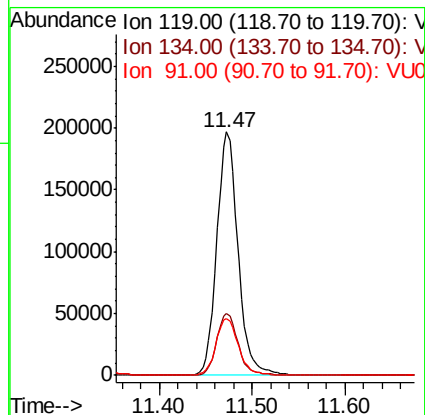
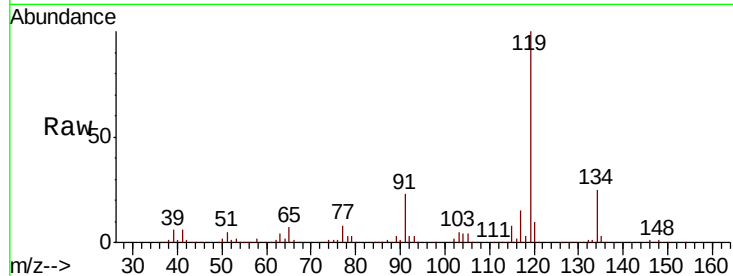




#81
 p-Isopropyltoluene
 Concen: 4.788 ug/l
 RT: 11.47 min Scan# 3229
 Delta R.T. -0.00 min
 Lab File: VU030569.D
 Acq: 30 Mar 2019 11:15

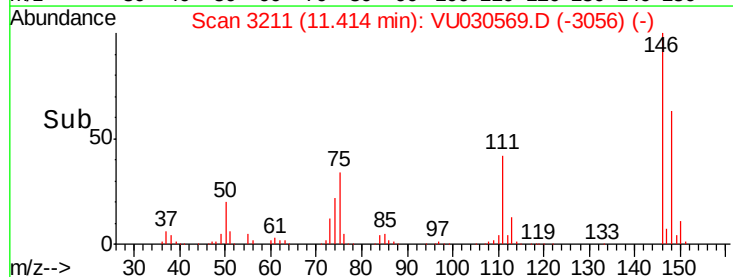
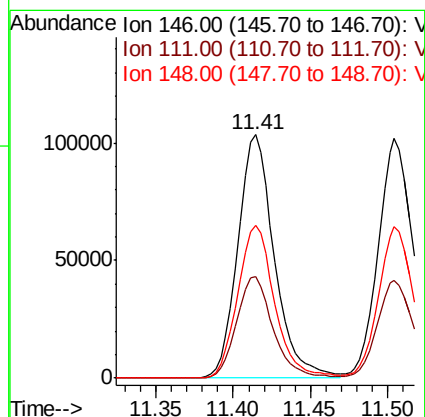
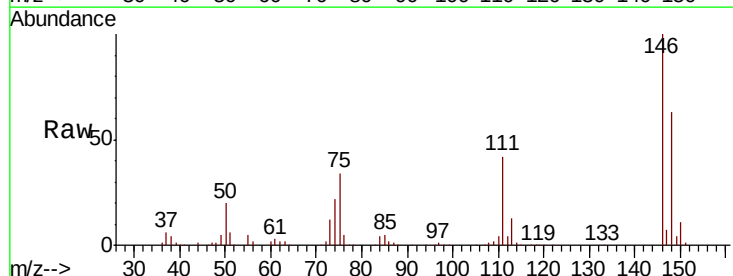
Instrument :
 MSVOA_U
 ClientSampleID :

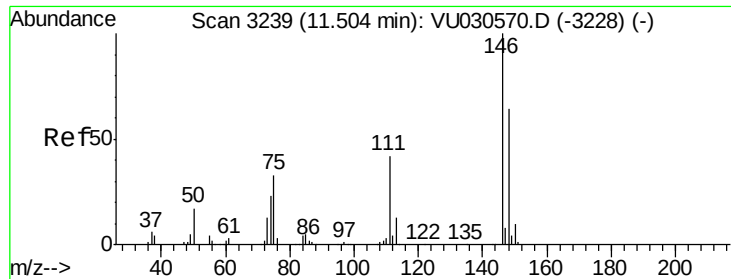
Tot Ion:119 Resp: 313113
 Ion Ratio Lower Upper
 119 100
 134 25.6 20.6 31.0
 91 24.3 20.4 30.6



#82
 1,3-Dichlorobenzene
 Concen: 4.594 ug/l
 RT: 11.41 min Scan# 3211
 Delta R.T. -0.00 min
 Lab File: VU030569.D
 Acq: 30 Mar 2019 11:15

Tgt Ion:146 Resp: 169546
 Ion Ratio Lower Upper
 146 100
 111 41.8 34.0 51.0
 148 63.7 51.0 76.6

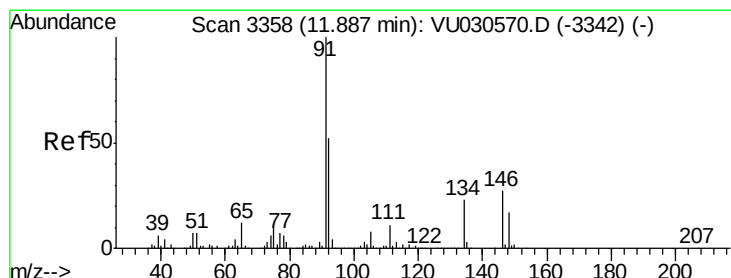
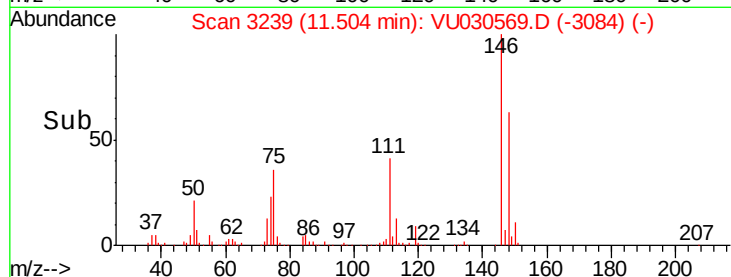
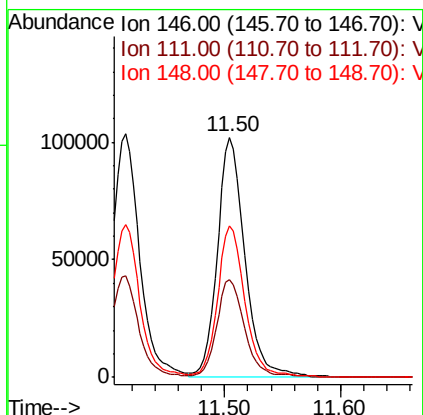
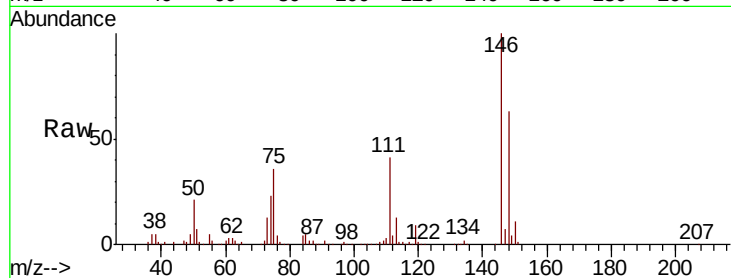




#83
 1,4-Dichlorobenzene
 Concen: 4.521 ug/l
 RT: 11.50 min Scan# 3239
 Delta R.T. -0.00 min
 Lab File: VU030569.D
 Acq: 30 Mar 2019 11:15

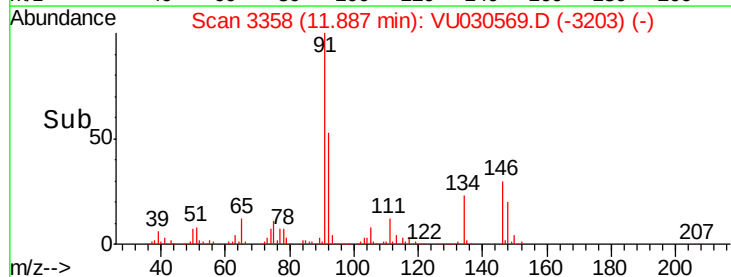
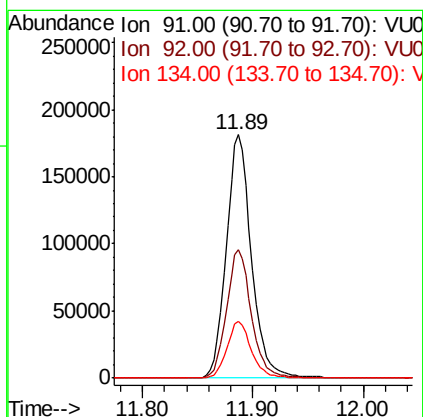
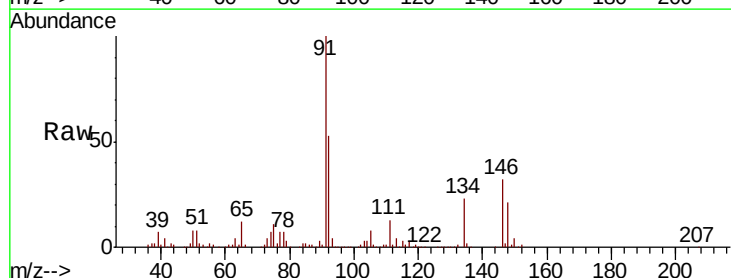
Instrument :
 MSVOA_U
 ClientSampled :

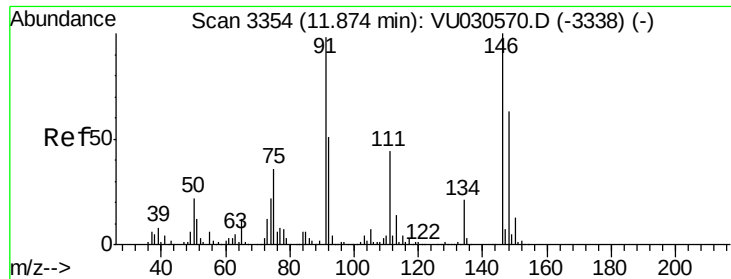
Tot Ion:146 Resp: 167707
 Ion Ratio Lower Upper
 146 100
 111 41.7 32.8 49.2
 148 62.8 50.5 75.7



#84
 n-Butylbenzene
 Concen: 4.647 ug/l
 RT: 11.89 min Scan# 3358
 Delta R.T. -0.00 min
 Lab File: VU030569.D
 Acq: 30 Mar 2019 11:15

Tgt Ion: 91 Resp: 285987
 Ion Ratio Lower Upper
 91 100
 92 52.3 41.7 62.5
 134 22.7 18.3 27.5

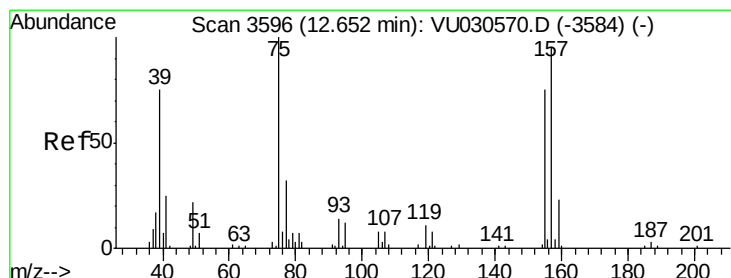
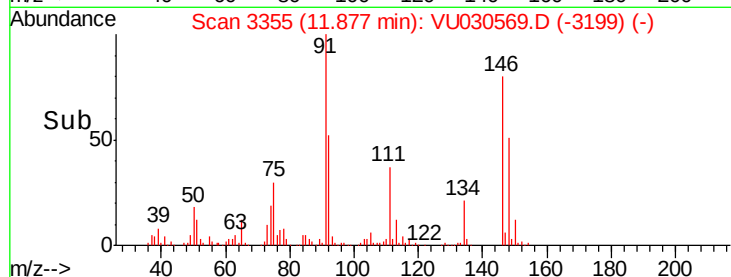
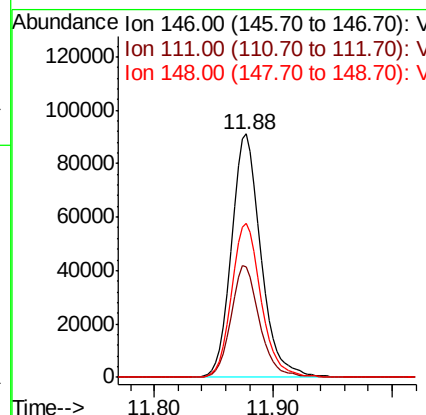
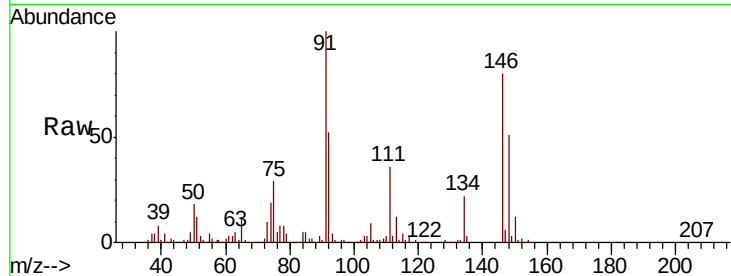




#85
 1,2-Dichlorobenzene
 Concen: 4.527 ug/l
 RT: 11.88 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VU030569.D
 Acq: 30 Mar 2019 11:15

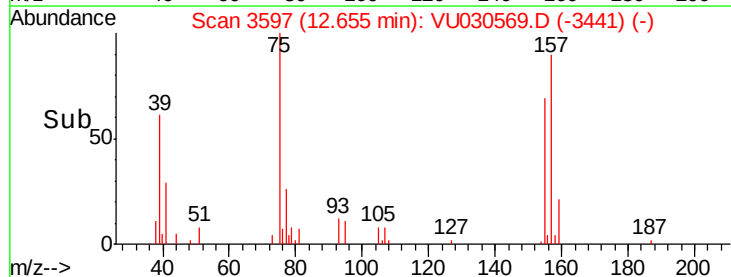
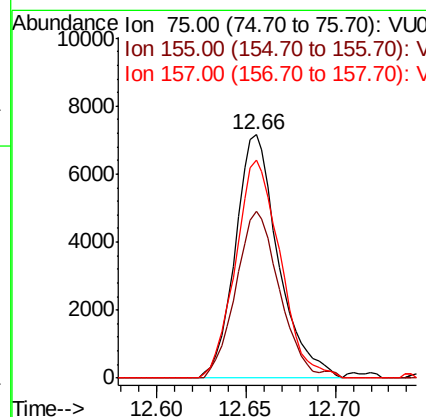
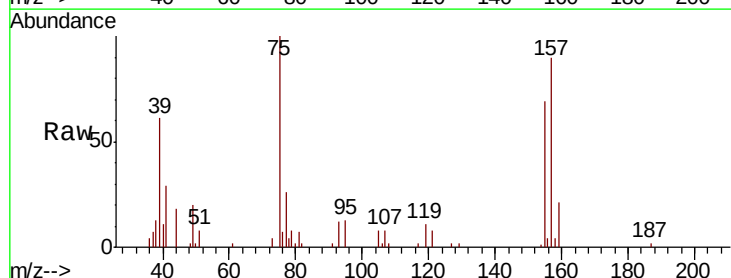
Instrument :
 MSVOA_U
 ClientSampled :

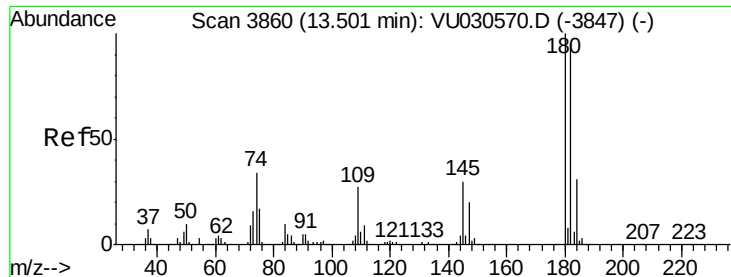
Tot Ion:146 Resp: 155754
 Ion Ratio Lower Upper
 146 100
 111 44.6 21.9 65.5
 148 63.9 31.5 94.5



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 5.694 ug/l
 RT: 12.66 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VU030569.D
 Acq: 30 Mar 2019 11:15

Tgt Ion: 75 Resp: 12007
 Ion Ratio Lower Upper
 75 100
 155 68.8 59.7 89.5
 157 92.9 73.7 110.5

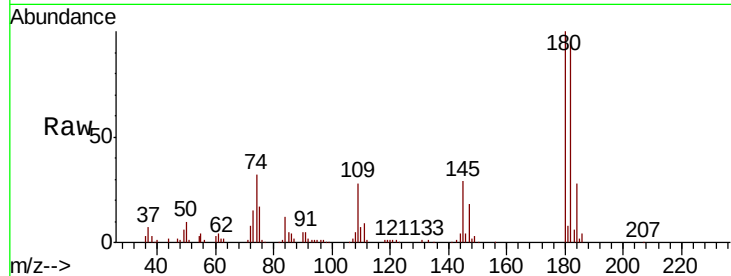




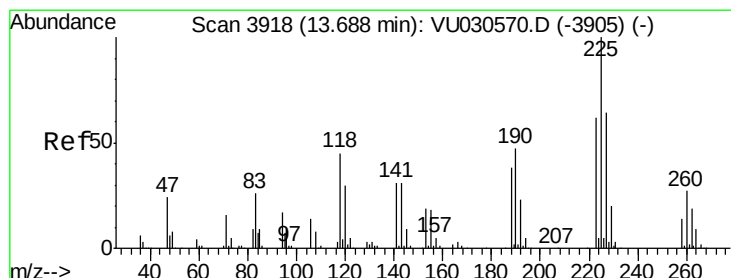
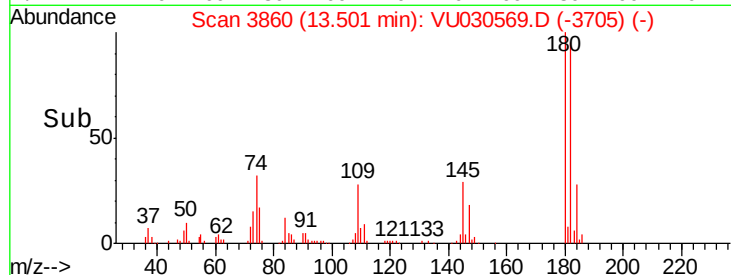
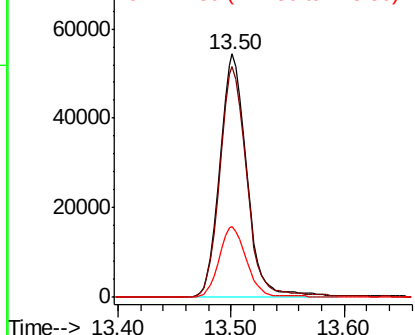
#87
 1,2,4-Trichlorobenzene
 Concen: 3.751 ug/l
 RT: 13.50 min Scan# 3860
 Delta R.T. -0.00 min
 Lab File: VU030569.D
 Acq: 30 Mar 2019 11:15

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180 Resp: 90378
 Ion Ratio Lower Upper
 180 100
 182 94.5 76.0 114.0
 145 29.8 24.3 36.5

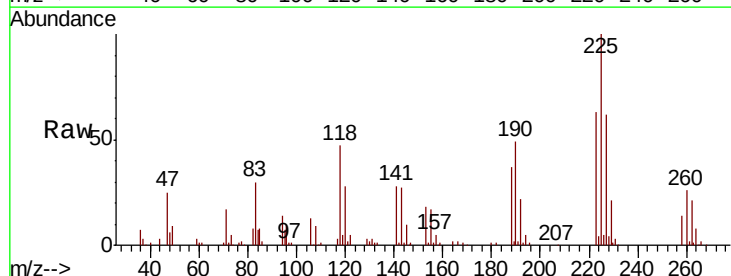


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

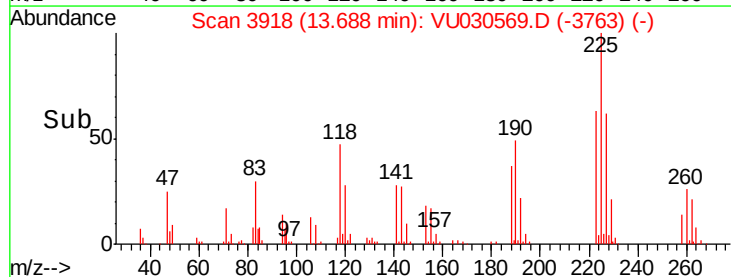
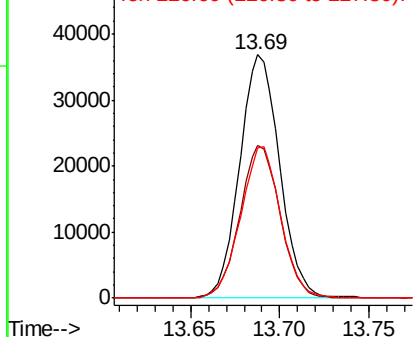


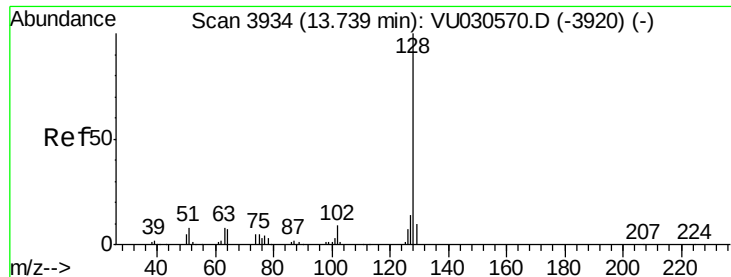
#88
 Hexachlorobutadiene
 Concen: 4.319 ug/l
 RT: 13.69 min Scan# 3918
 Delta R.T. -0.00 min
 Lab File: VU030569.D
 Acq: 30 Mar 2019 11:15

Tgt Ion:225 Resp: 57578
 Ion Ratio Lower Upper
 225 100
 223 62.9 50.7 76.1
 227 62.7 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: 3.854 ug/l

RT: 13.74 min Scan# 3935

Delta R.T. 0.00 min

Lab File: VU030569.D

Acq: 30 Mar 2019 11:15

Instrument :

MSVOA_U

ClientSampleId :

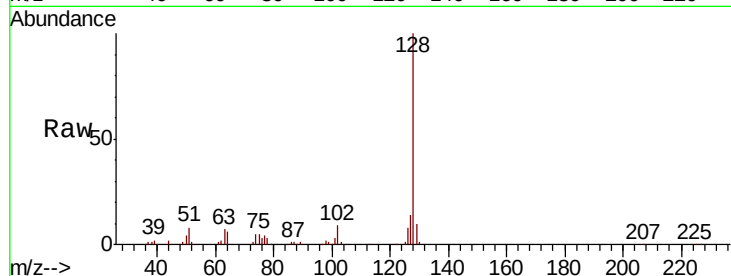
Tot Ion:128 Resp: 145698

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

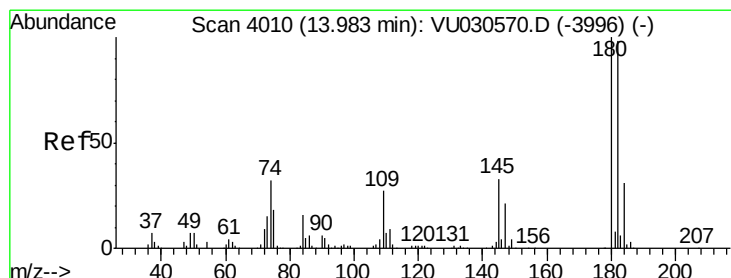
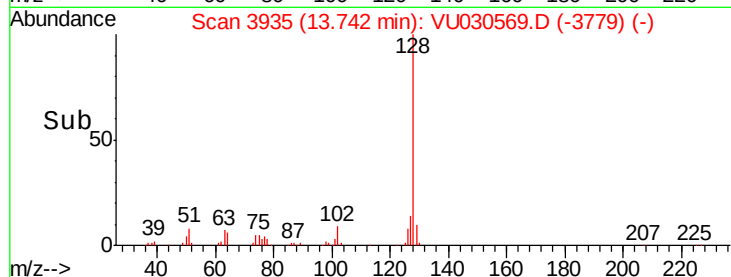
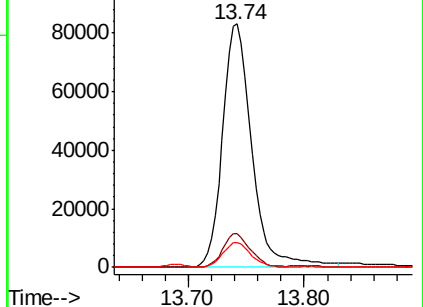
129 10.1 7.8 11.8



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: 3.897 ug/l

RT: 13.98 min Scan# 4010

Delta R.T. -0.00 min

Lab File: VU030569.D

Acq: 30 Mar 2019 11:15

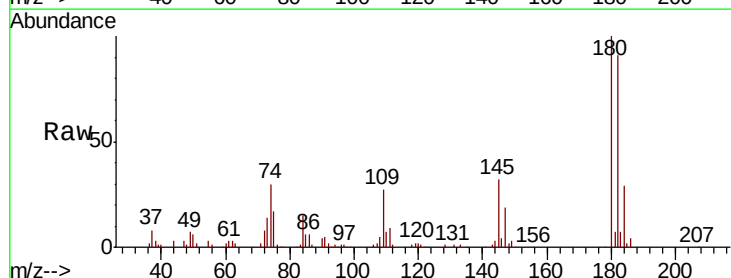
Tgt Ion:180 Resp: 85578

Ion Ratio Lower Upper

180 100

182 92.6 76.6 114.8

145 31.5 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

