

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041519\
 Data File : VX008964.D
 Acq On : 15 Apr 2019 16:46
 Operator : JC/SP
 Sample : K2241-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 16 03:23:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 02:27:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	221370	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	364814	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	316961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	139233	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	154512	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
35) Dibromofluoromethane	5.49	113	110947	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	
50) Toluene-d8	8.71	98	452573	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
62) 4-Bromofluorobenzene	11.13	95	156365	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	1271	0.498	ug/l	91
3) Chloromethane	1.32	50	2027	0.648	ug/l	95
4) Vinyl Chloride	1.41	62	1652	0.542	ug/l	100
5) Bromomethane	1.64	94	2335	4.978	ug/l	99
6) Chloroethane	1.71	64	1219	0.680	ug/l	91
7) Trichlorofluoromethane	1.93	101	1812	0.509	ug/l	94
8) Diethyl Ether	2.19	74	1095	0.673	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	1246	0.548	ug/l	95
10) Methyl Iodide	2.51	142	3583	5.728	ug/l	98
11) Tert butyl alcohol	3.04	59	8779	12.677	ug/l #	91
12) 1,1-Dichloroethene	2.37	96	1298	0.547	ug/l	87
13) Acrolein	2.29	56	5974	9.984	ug/l	97
14) Allyl chloride	2.73	41	2904	0.561	ug/l #	84
15) Acrylonitrile	3.14	53	4716	2.683	ug/l	93
16) Acetone	2.45	43	5027	3.107	ug/l	94
17) Carbon Disulfide	2.57	76	4092	1.825	ug/l	99
18) Methyl Acetate	2.78	43	2718	0.673	ug/l	95
19) Methyl tert-butyl Ether	3.19	73	4401	0.520	ug/l #	85
20) Methylene Chloride	2.85	84	2272	0.821	ug/l #	89
21) trans-1,2-Dichloroethene	3.16	96	1388	0.548	ug/l	90
22) Diisopropyl ether	3.85	45	5539	0.550	ug/l #	83
23) Vinyl Acetate	3.82	43	21044	2.379	ug/l	97
24) 1,1-Dichloroethane	3.70	63	2882	0.570	ug/l #	92
25) 2-Butanone	4.68	43	6319	2.444	ug/l	98
26) 2,2-Dichloropropane	4.59	77	1995	0.527	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	1649	0.574	ug/l	81
28) Bromochloromethane	5.01	49	1548	Below Cal	#	87
29) Tetrahydrofuran	5.15	42	5065	2.926	ug/l #	88
30) Chloroform	5.22	83	2587	0.572	ug/l	100
31) Cyclohexane	5.58	56	2685	0.540	ug/l	94
32) 1,1,1-Trichloroethane	5.51	97	2091	0.558	ug/l #	23
36) 1,1-Dichloropropene	5.81	75	2161	0.573	ug/l #	94
37) Ethyl Acetate	4.85	43	2517	0.518	ug/l #	94
38) Carbon Tetrachloride	5.77	117	1764	0.551	ug/l #	73

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 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 02:27:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	2370	0.516	ug/l #	86
40) Benzene	6.15	78	5984	0.538	ug/l #	88
41) Methacrylonitrile	5.06	41	1741	0.625	ug/l #	74
42) 1,2-Dichloroethane	6.20	62	2591	0.657	ug/l	85
43) Isopropyl Acetate	6.45	43	4206	0.538	ug/l	99
44) Trichloroethene	7.21	130	1408	0.516	ug/l	88
45) 1,2-Dichloropropane	7.52	63	1760	0.570	ug/l	92
46) Dibromomethane	7.66	93	927	0.516	ug/l	97
47) Bromodichloromethane	7.90	83	1884	0.535	ug/l	89
48) Methyl methacrylate	7.77	41	2348	0.607	ug/l #	84
49) 1,4-Dioxane	7.75	88	807	11.153	ug/l #	73
51) 4-Methyl-2-Pentanone	8.64	43	12225	2.453	ug/l	99
52) Toluene	8.79	92	3381	0.507	ug/l	90
53) t-1,3-Dichloropropene	9.04	75	1720	0.424	ug/l	94
54) cis-1,3-Dichloropropene	8.44	75	1923	0.423	ug/l	92
55) 1,1,2-Trichloroethane	9.22	97	1315	0.497	ug/l	97
56) Ethyl methacrylate	9.18	69	2235	0.471	ug/l	95
57) 1,3-Dichloropropane	9.37	76	2514	0.534	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.31	63	5799	2.272	ug/l	99
59) 2-Hexanone	9.49	43	8588	2.235	ug/l	97
60) Dibromochloromethane	9.59	129	1109	0.438	ug/l	99
61) 1,2-Dibromoethane	9.67	107	1394	0.511	ug/l	93
64) Tetrachloroethene	9.34	164	1436	0.596	ug/l	93
65) Chlorobenzene	10.13	112	3459	0.517	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	1191	0.505	ug/l #	63
67) Ethyl Benzene	10.25	91	6167	0.504	ug/l	97
68) m/p-Xylenes	10.36	106	4496	1.012	ug/l	97
69) o-Xylene	10.70	106	2194	0.507	ug/l	98
70) Styrene	10.71	104	3452	0.461	ug/l	95
71) Bromoform	10.86	173	830	0.442	ug/l #	97
73) Isopropylbenzene	11.02	105	5516	0.523	ug/l	95
74) N-amyl acetate	10.90	43	3096	0.511	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	2169	0.562	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	2619	0.770	ug/l	82
77) Bromobenzene	11.26	156	1516	0.569	ug/l	96
78) n-propylbenzene	11.36	91	6243	0.515	ug/l	99
79) 2-Chlorotoluene	11.42	91	4310	0.590	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	4457	0.503	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.13	75	77499	58.522	ug/l #	11
82) 4-Chlorotoluene	11.51	91	4399	0.519	ug/l	99
83) tert-Butylbenzene	11.77	119	4449	0.523	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	4639	0.515	ug/l	99
85) sec-Butylbenzene	11.94	105	5079	0.501	ug/l	97
86) p-Isopropyltoluene	12.07	119	4660	0.500	ug/l	86
87) 1,3-Dichlorobenzene	12.02	146	2350	0.504	ug/l	94
88) 1,4-Dichlorobenzene	12.02	146	2350	0.497	ug/l	93
89) n-Butylbenzene	12.39	91	4047	0.466	ug/l	97
90) Hexachloroethane	12.60	117	740	0.481	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	2469	0.536	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.01	75	487	0.555	ug/l	91

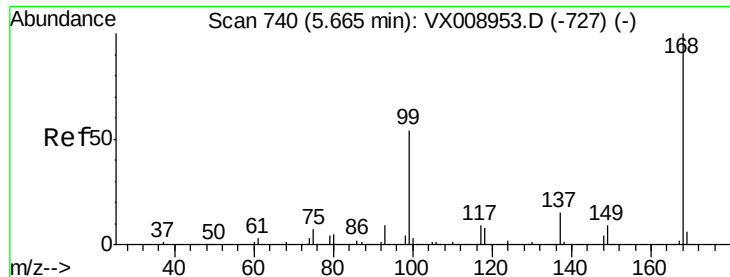
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041519\
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Quant Title : SW846 8260
QLast Update : Tue Apr 16 02:27:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	1618	0.487	ug/l	94
94) Hexachlorobutadiene	13.78	225	860	0.519	ug/l	97
95) Naphthalene	13.83	128	4802	0.451	ug/l	95
96) 1,2,3-Trichlorobenzene	14.02	180	1540	0.470	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008964.D

Acq: 15 Apr 2019 16:46

Instrument :

MSVOA_X

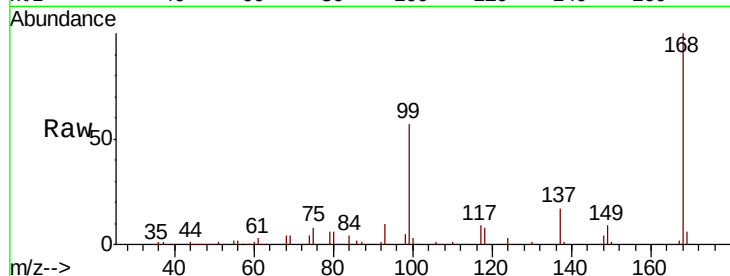
ClientSampled :

Tot Ion:168 Resp: 221370

Ion Ratio Lower Upper

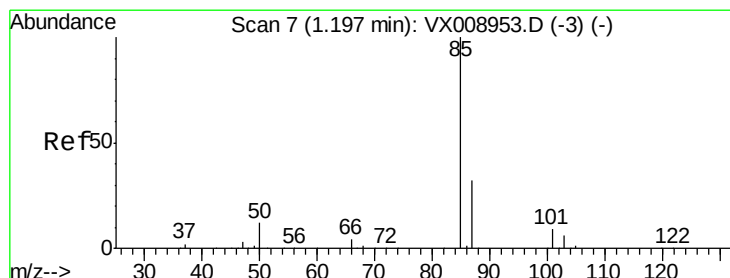
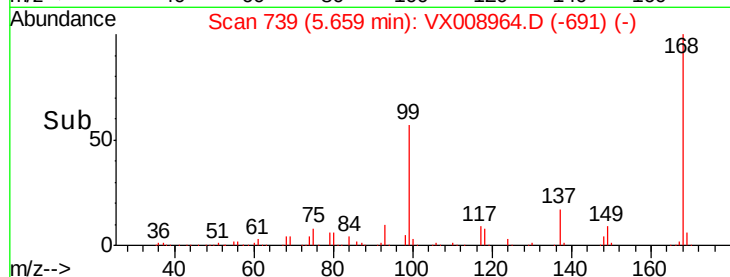
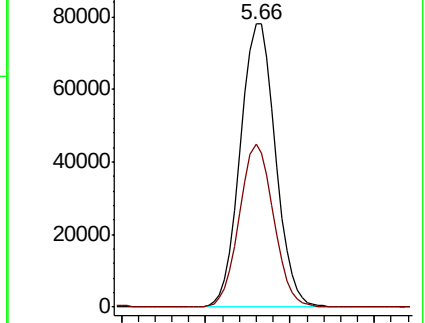
168 100

99 57.4 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.498 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008964.D

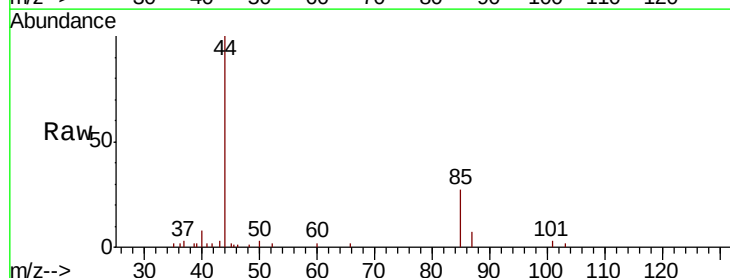
Acq: 15 Apr 2019 16:46

Tgt Ion: 85 Resp: 1271

Ion Ratio Lower Upper

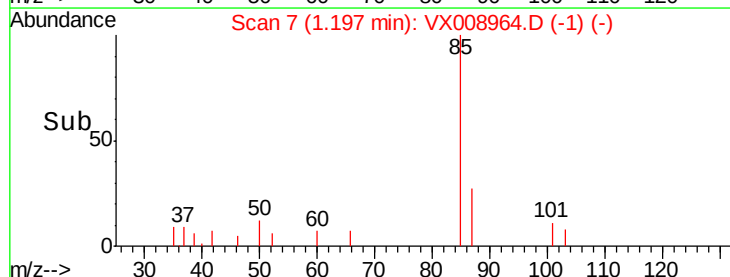
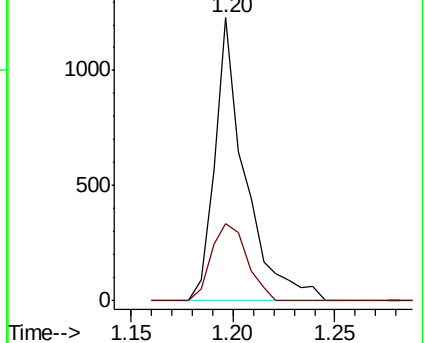
85 100

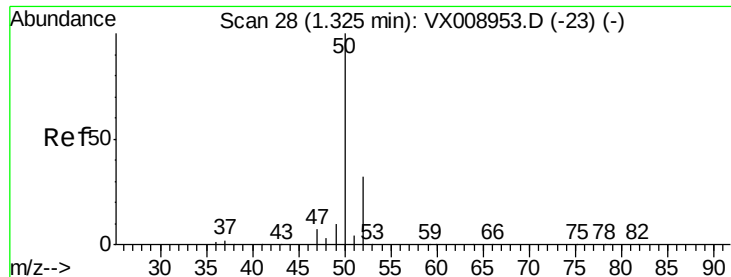
87 27.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 0.648 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008964.D

Acq: 15 Apr 2019 16:46

Instrument :

MSVOA_X

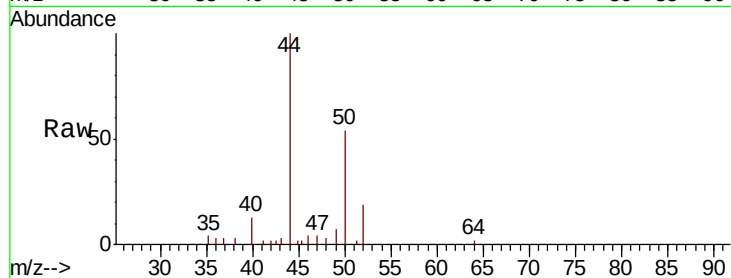
ClientSampleId :

Tot Ion: 50 Resp: 2027

Ion Ratio Lower Upper

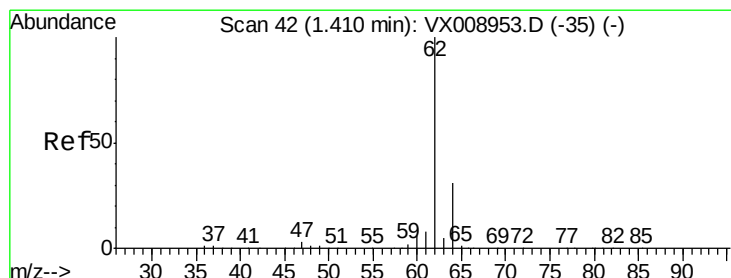
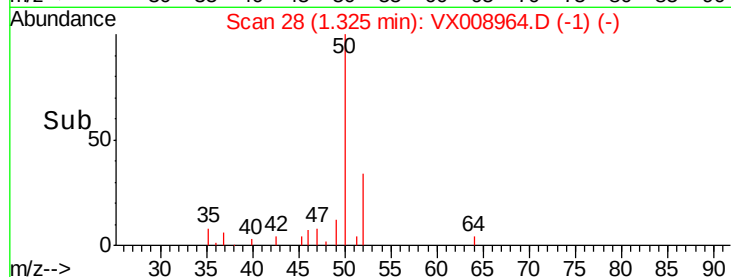
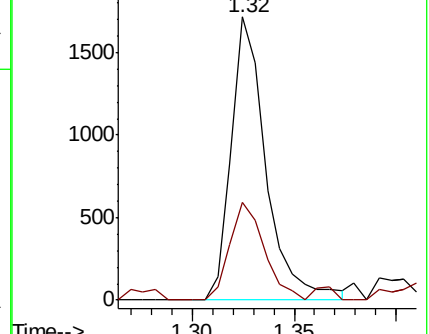
50 100

52 34.4 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 0.542 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX008964.D

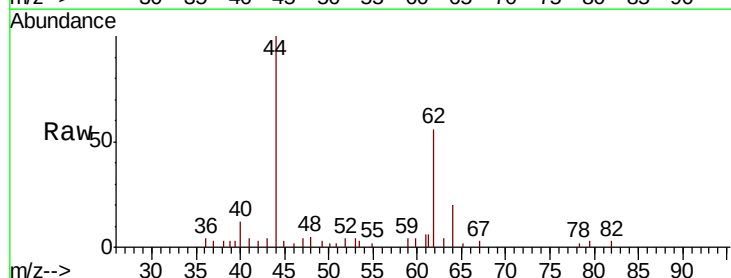
Acq: 15 Apr 2019 16:46

Tgt Ion: 62 Resp: 1652

Ion Ratio Lower Upper

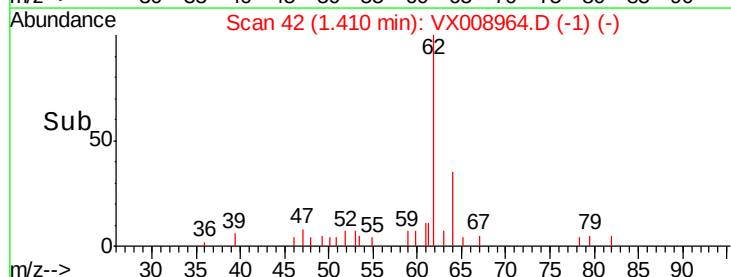
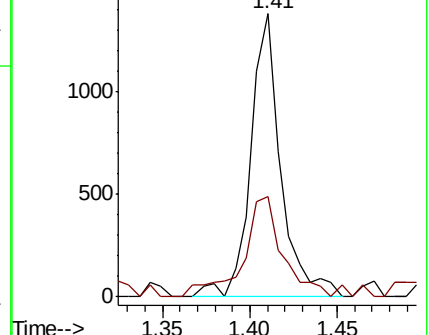
62 100

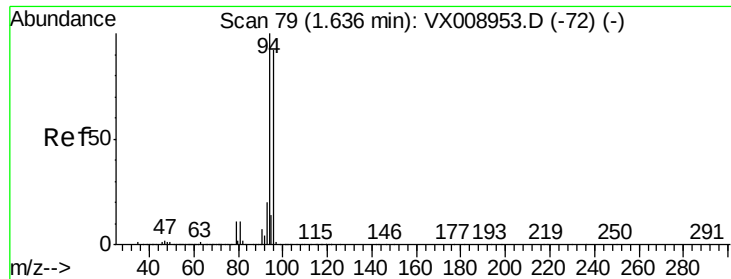
64 31.4 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 4.978 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008964.D

Acq: 15 Apr 2019 16:46

Instrument :

MSVOA_X

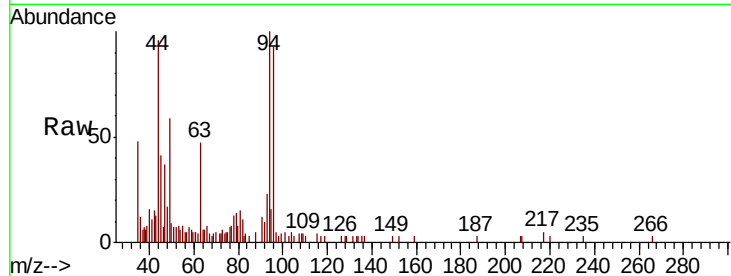
ClientSampleId :

Tot Ion: 94 Resp: 2335

Ion Ratio Lower Upper

94 100

96 93.4 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

2000

1500

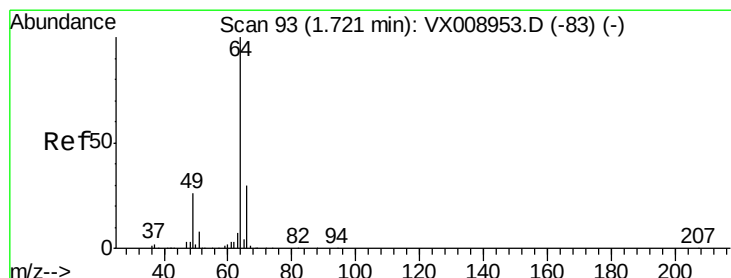
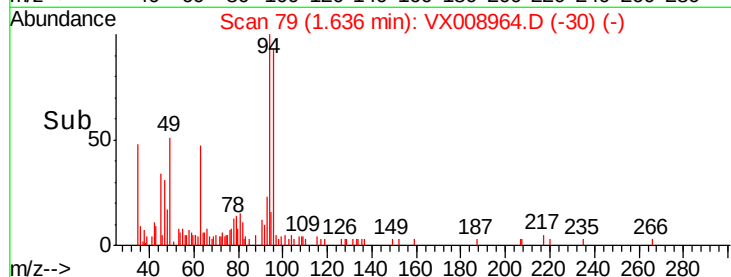
1000

500

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 0.680 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX008964.D

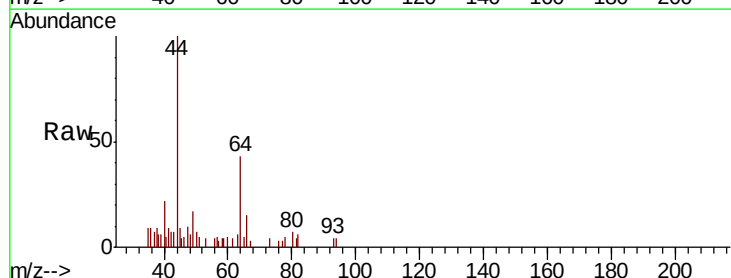
Acq: 15 Apr 2019 16:46

Tgt Ion: 64 Resp: 1219

Ion Ratio Lower Upper

64 100

66 35.1 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

800

600

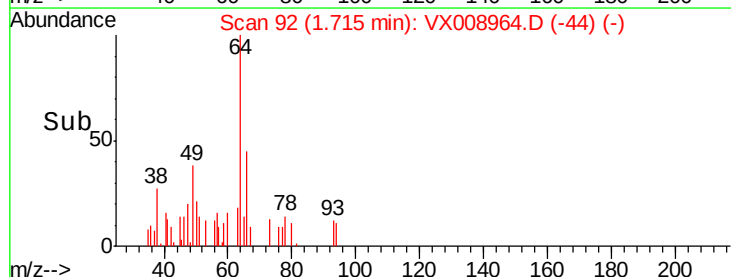
400

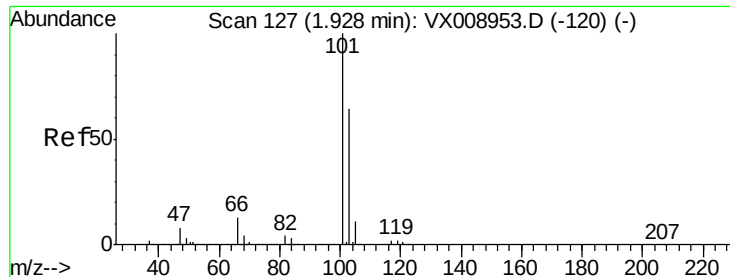
200

0

1.70 1.75

Time-->



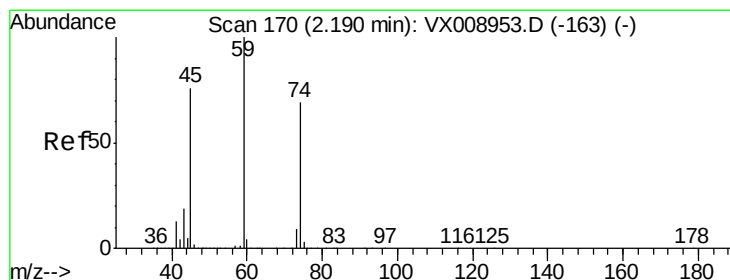
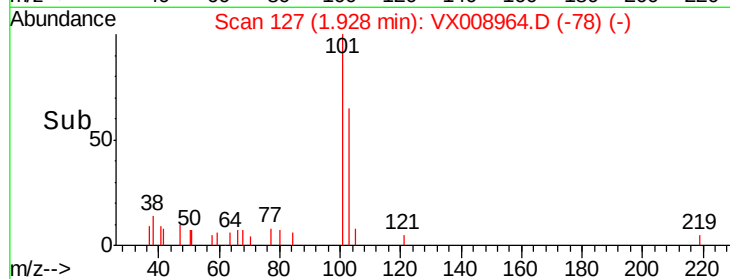
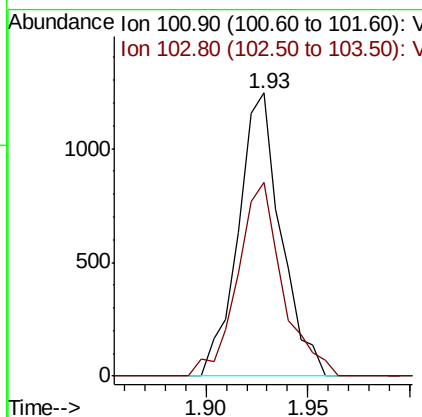
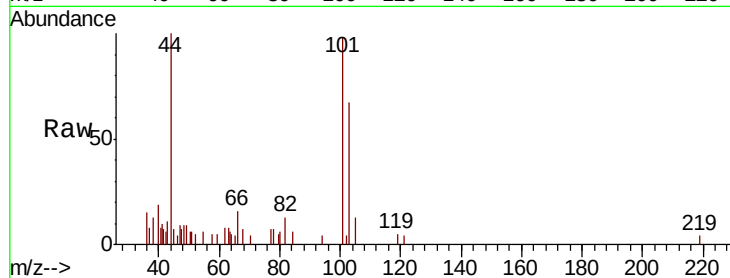


#7

Trichlorofluoromethane
Concen: 0.509 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX008964.D
Acq: 15 Apr 2019 16:46

Instrument :
MSVOA_X
ClientSampled :

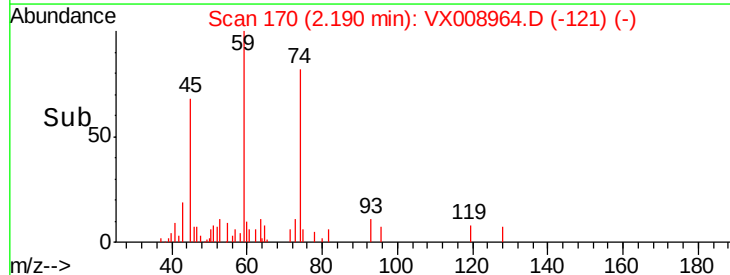
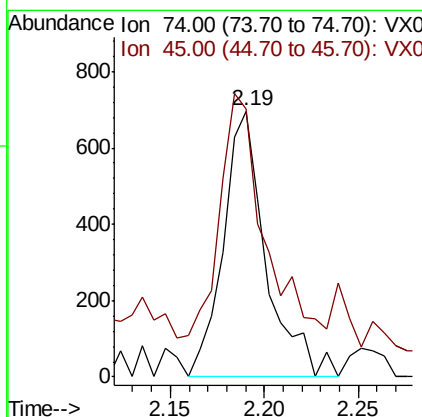
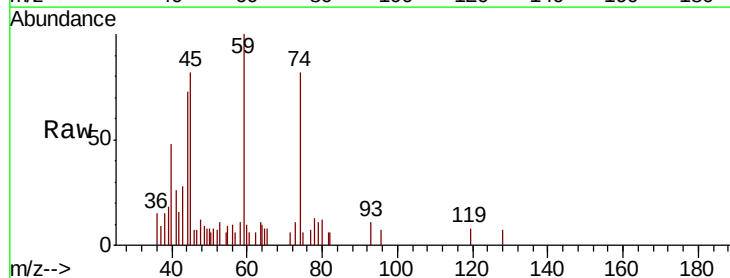
Tot Ion:101 Resp: 1812
Ion Ratio Lower Upper
101 100
103 68.5 51.0 76.6

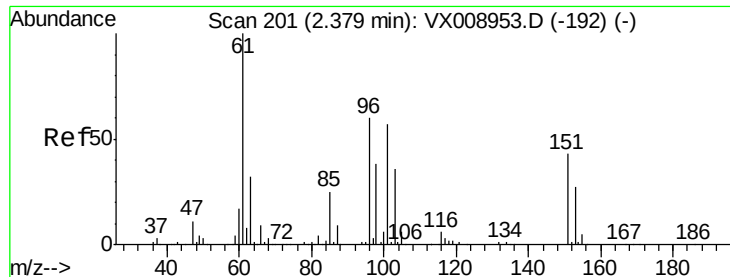


#8

Diethyl Ether
Concen: 0.673 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX008964.D
Acq: 15 Apr 2019 16:46

Tgt Ion: 74 Resp: 1095
Ion Ratio Lower Upper
74 100
45 103.7 54.9 164.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.548 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX008964.D

Acq: 15 Apr 2019 16:46

Instrument :

MSVOA_X

ClientSampled :

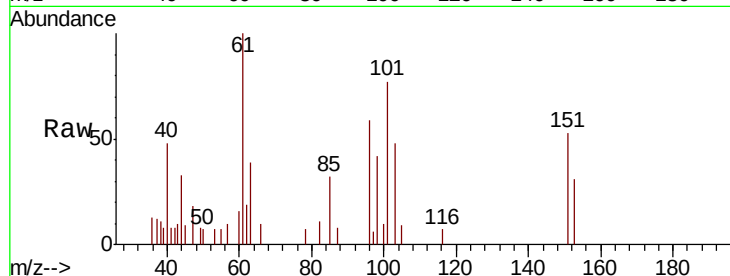
Tot Ion:101 Resp: 1246

Ion Ratio Lower Upper

101 100

85 47.3 35.7 53.5

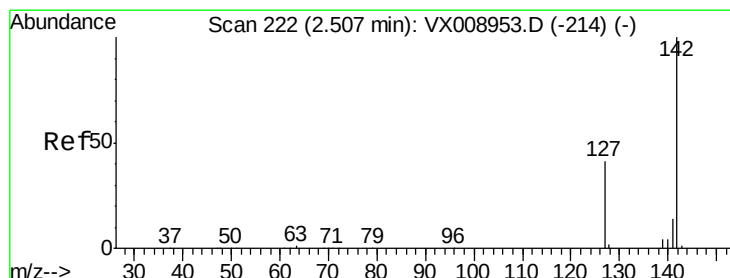
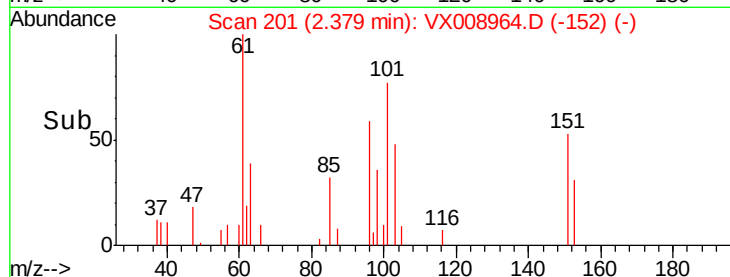
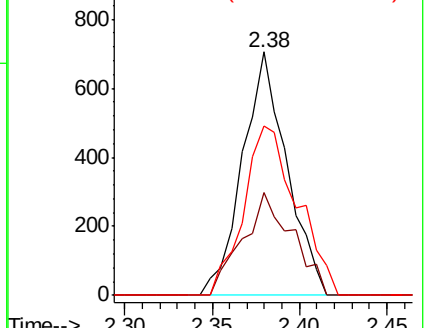
151 83.9 62.7 94.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 5.728 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008964.D

Acq: 15 Apr 2019 16:46

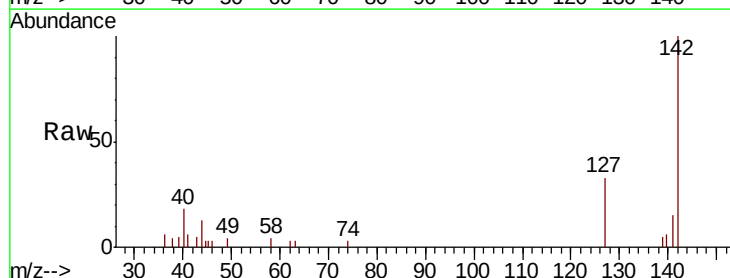
Tgt Ion:142 Resp: 3583

Ion Ratio Lower Upper

142 100

127 39.1 32.8 49.2

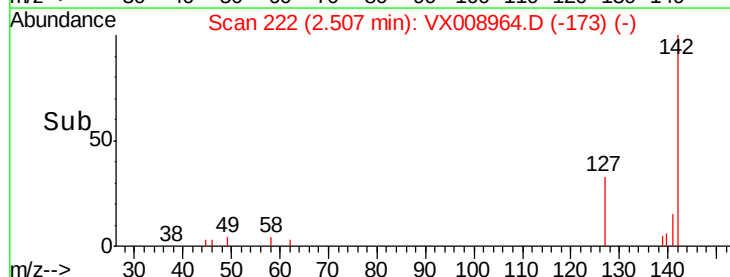
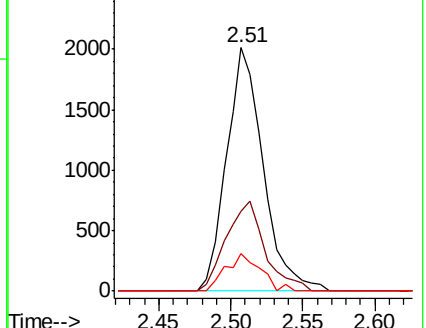
141 14.6 11.4 17.2

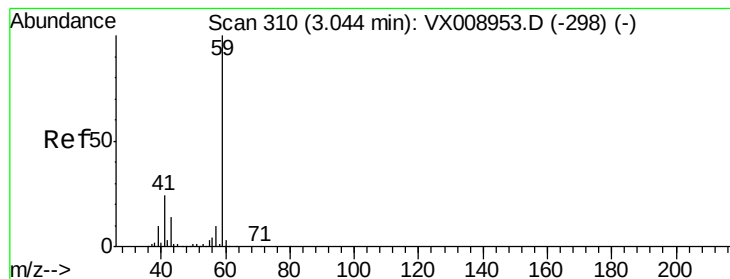


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



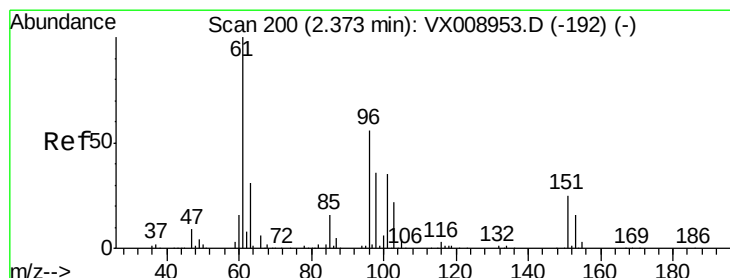
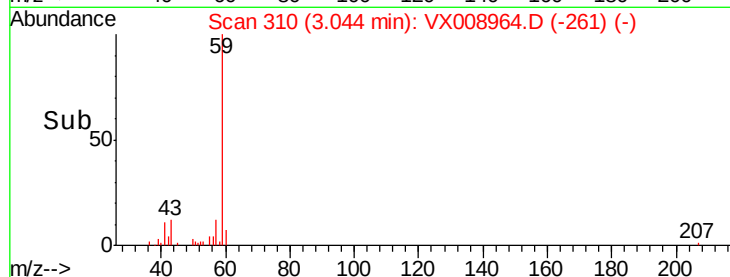
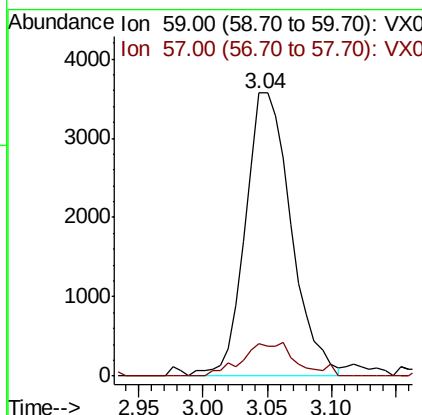
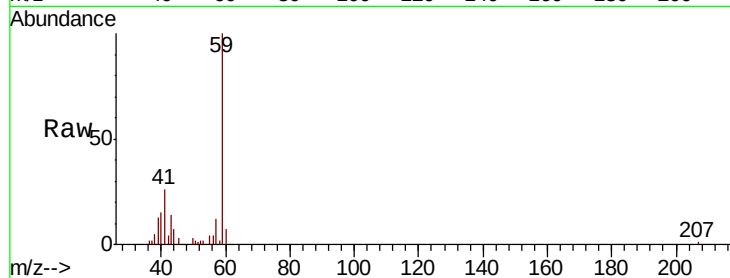


#11

Tert butyl alcohol
 Concen: 12.677 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. 0.00 min
 Lab File: VX008964.D
 Acq: 15 Apr 2019 16:46

Instrument :
 MSVOA_X
 ClientSampleId :

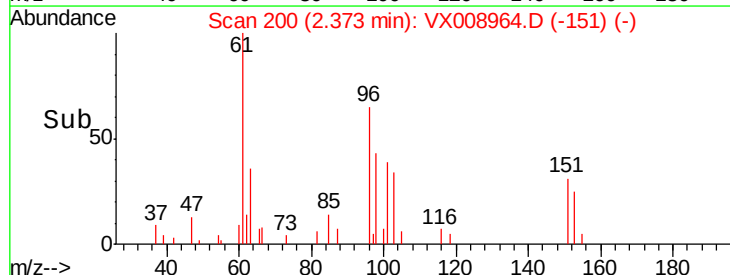
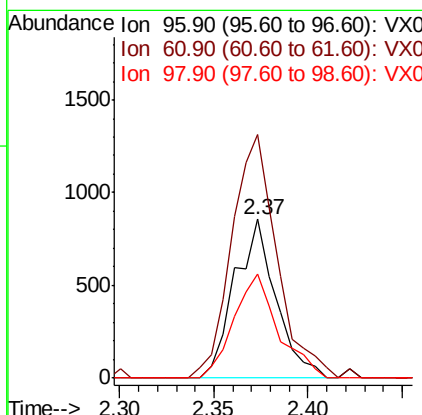
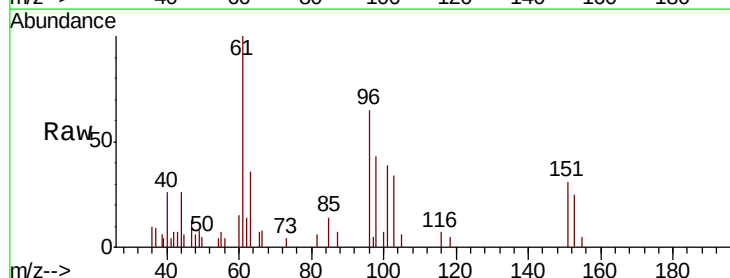
Tot Ion: 59 Resp: 8779
 Ion Ratio Lower Upper
 59 100
 57 13.9 8.4 12.6#

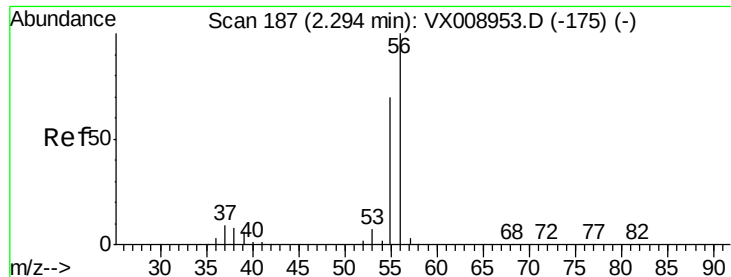


#12

1,1-Dichloroethene
 Concen: 0.547 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX008964.D
 Acq: 15 Apr 2019 16:46

Tgt Ion: 96 Resp: 1298
 Ion Ratio Lower Upper
 96 100
 61 153.4 142.2 213.2
 98 65.4 50.9 76.3

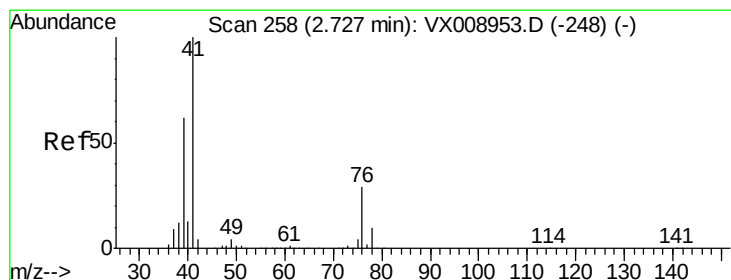
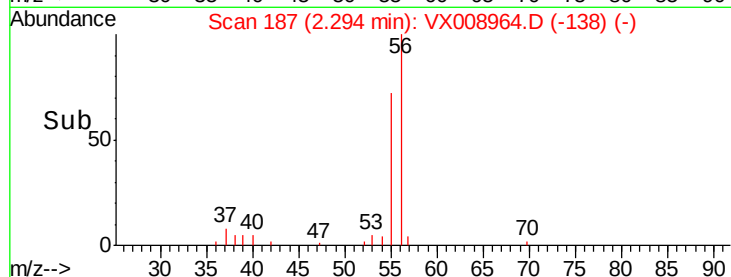
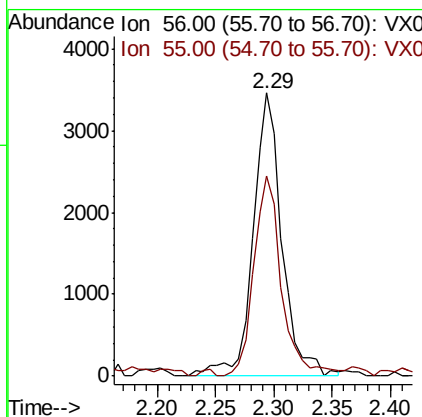
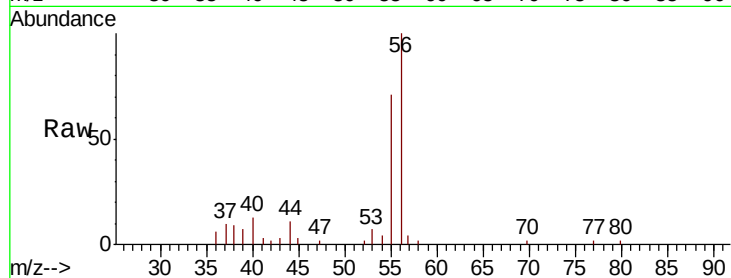




#13
Acrolein
Concen: 9.984 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX008964.D
Acq: 15 Apr 2019 16:46

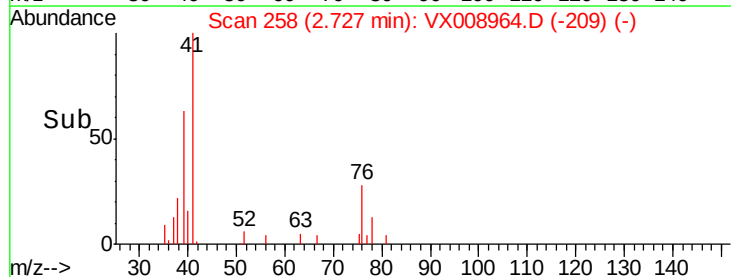
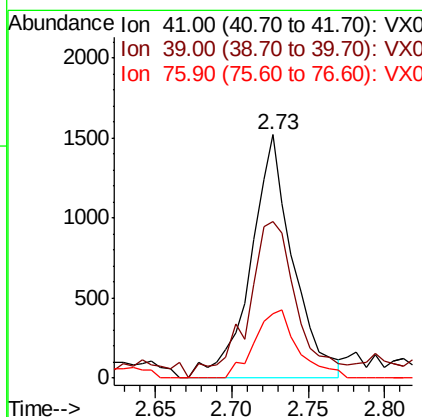
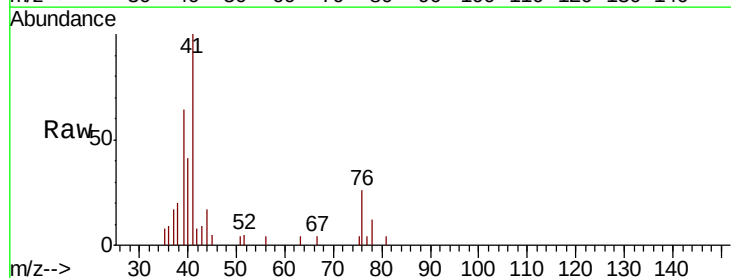
Instrument :
MSVOA_X
ClientSampleId :

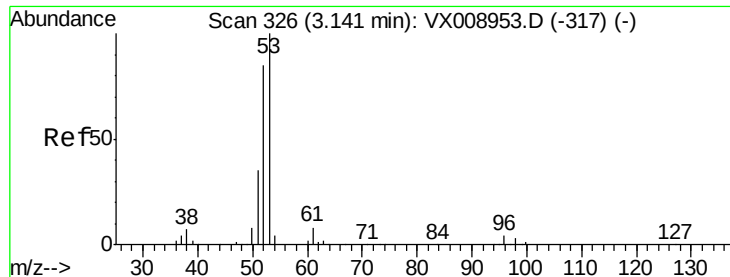
Tot Ion: 56 Resp: 5974
Ion Ratio Lower Upper
56 100
55 68.1 56.6 84.8



#14
Allyl chloride
Concen: 0.561 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX008964.D
Acq: 15 Apr 2019 16:46

Tgt Ion: 41 Resp: 2904
Ion Ratio Lower Upper
41 100
39 75.1 46.7 70.1#
76 28.9 22.0 33.0





#15

Acrylonitrile

Concen: 2.683 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX008964.D

Acq: 15 Apr 2019 16:46

Instrument :

MSVOA_X

ClientSampled :

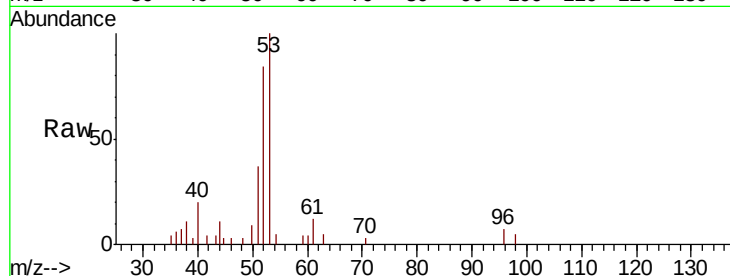
Tot Ion: 53 Resp: 4716

Ion Ratio Lower Upper

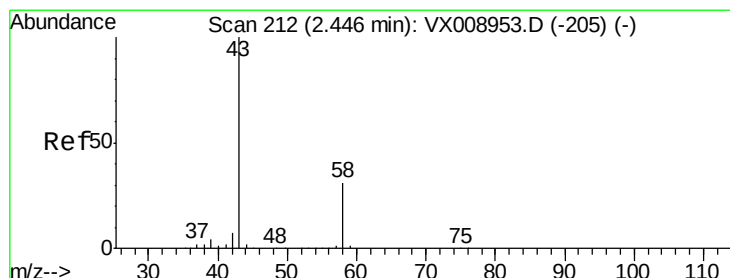
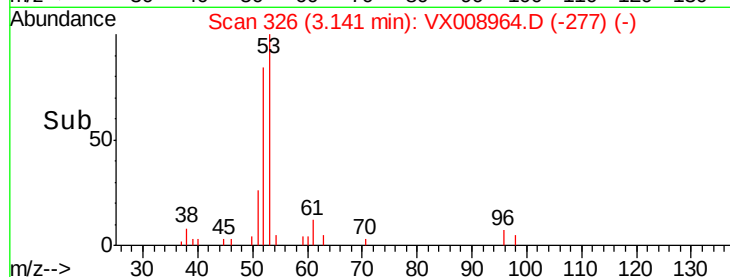
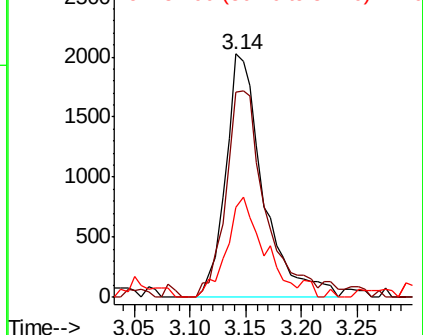
53 100

52 88.5 66.6 100.0

51 40.6 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 3.107 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX008964.D

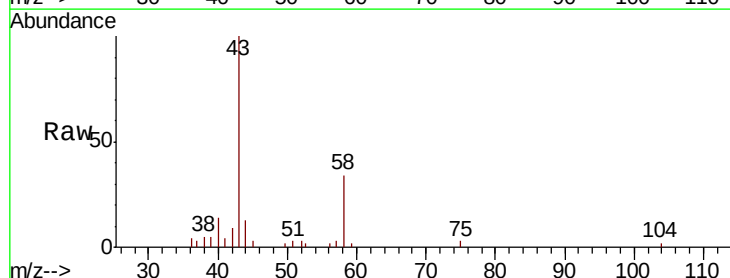
Acq: 15 Apr 2019 16:46

Tgt Ion: 43 Resp: 5027

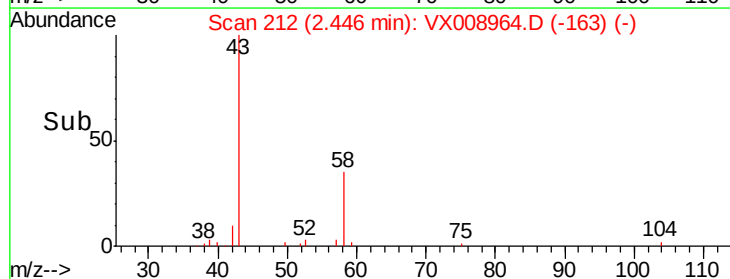
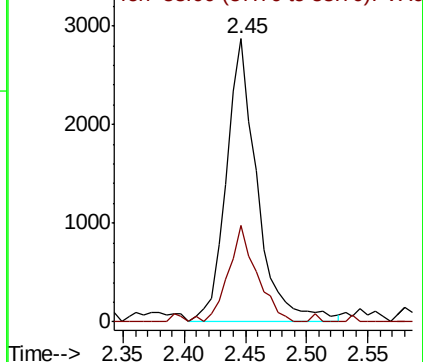
Ion Ratio Lower Upper

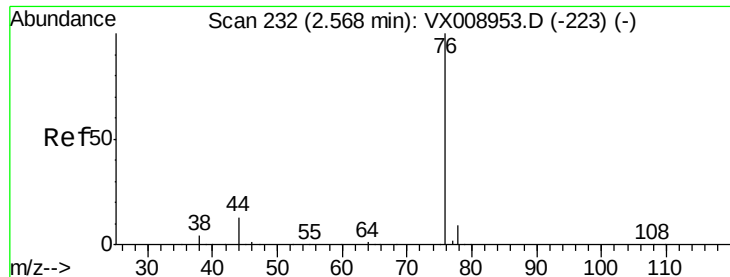
43 100

58 34.2 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 1.825 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008964.D

Acq: 15 Apr 2019 16:46

Instrument :

MSVOA_X

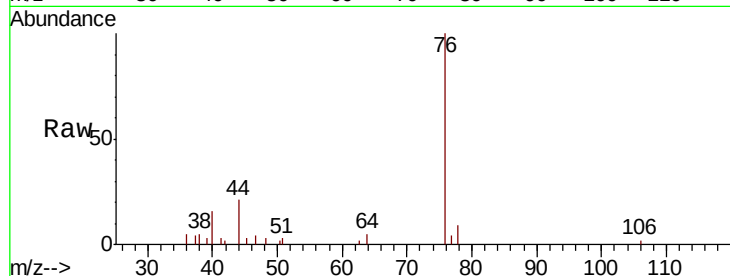
ClientSampled :

Tot Ion: 76 Resp: 4092

Ion Ratio Lower Upper

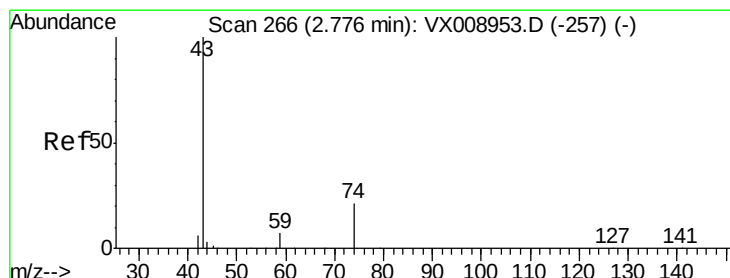
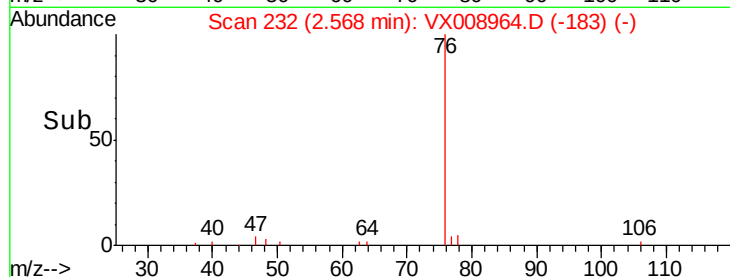
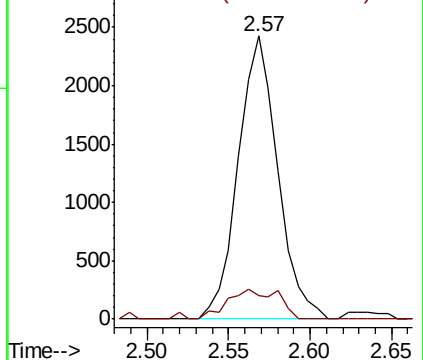
76 100

78 8.5 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.673 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008964.D

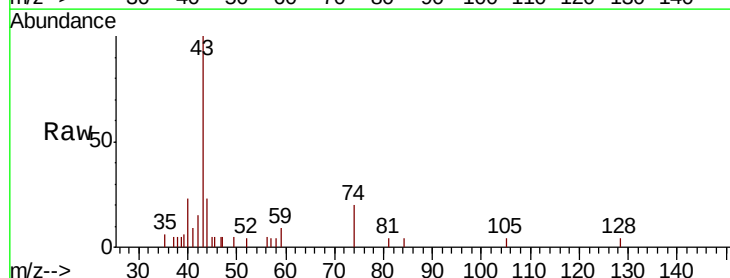
Acq: 15 Apr 2019 16:46

Tgt Ion: 43 Resp: 2718

Ion Ratio Lower Upper

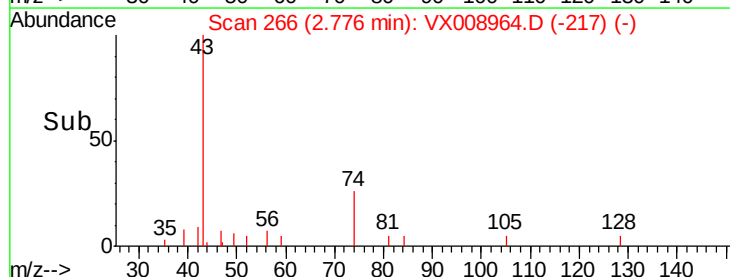
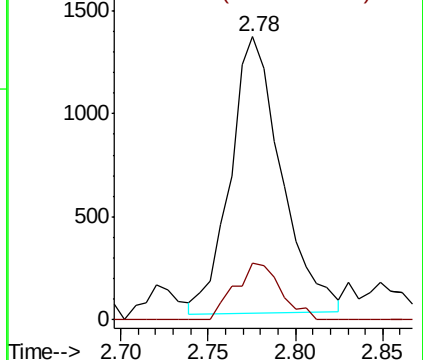
43 100

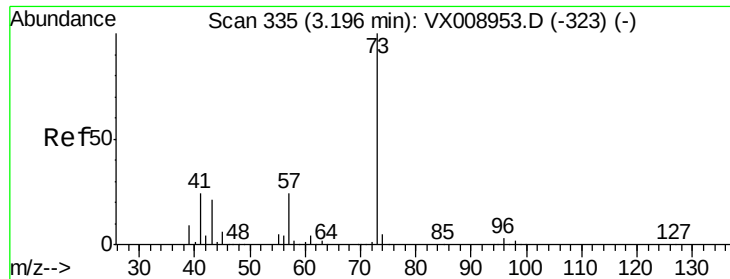
74 18.7 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

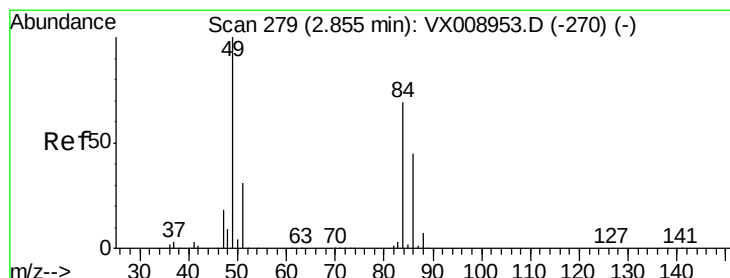
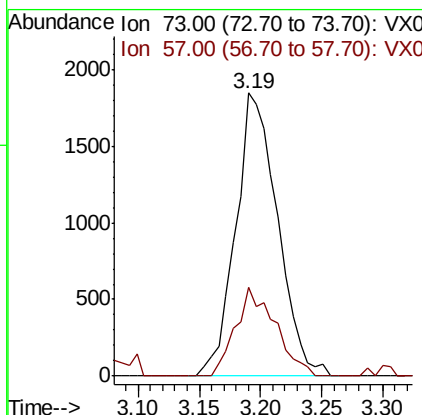
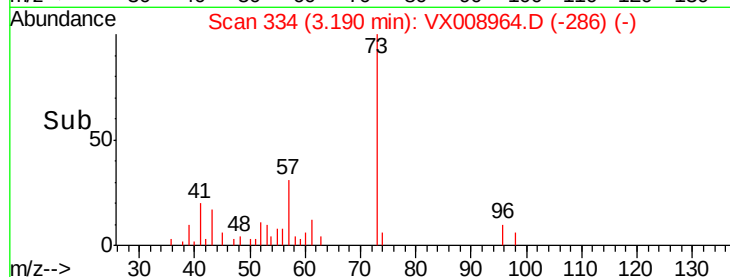
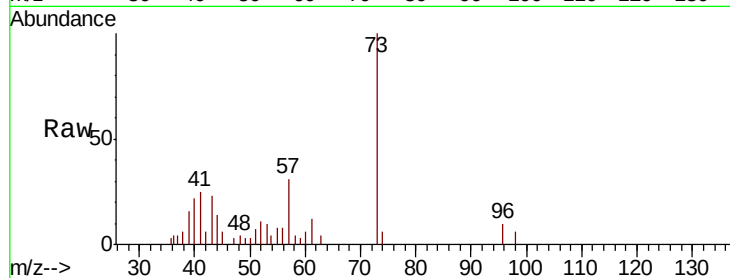




#19
Methyl tert-butyl Ether
Concen: 0.520 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX008964.D
Acq: 15 Apr 2019 16:46

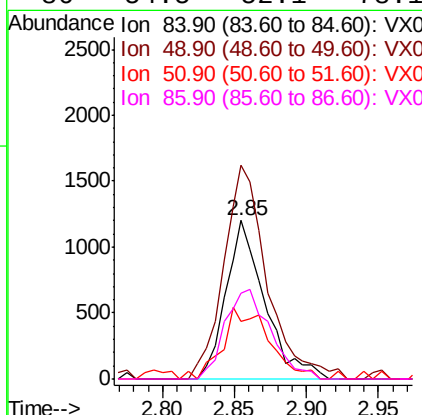
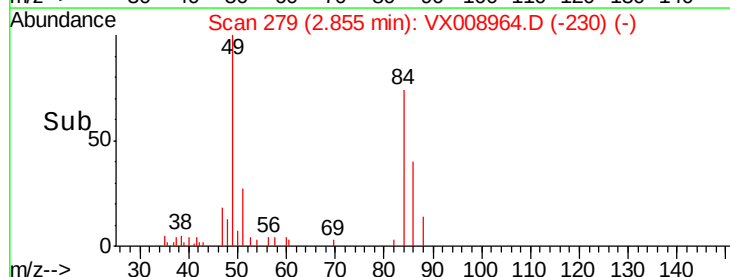
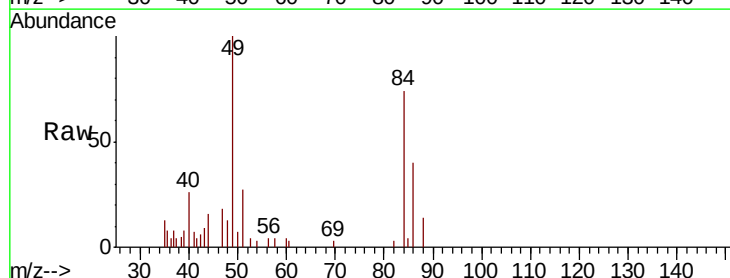
Instrument :
MSVOA_X
ClientSampled :

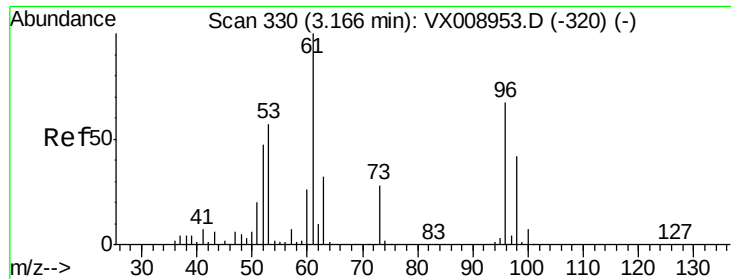
Tot Ion: 73 Resp: 4401
Ion Ratio Lower Upper
73 100
57 31.5 19.2 28.8#



#20
Methylene Chloride
Concen: 0.821 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX008964.D
Acq: 15 Apr 2019 16:46

Tgt Ion: 84 Resp: 2272
Ion Ratio Lower Upper
84 100
49 134.9 115.4 173.0
51 31.2 35.8 53.6#
86 54.5 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 0.548 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008964.D

Acq: 15 Apr 2019 16:46

Instrument :
MSVOA_X
ClientSampled :

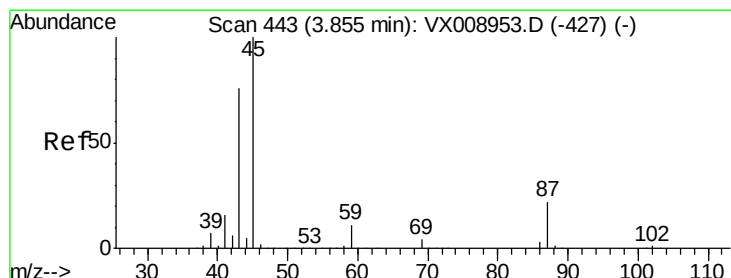
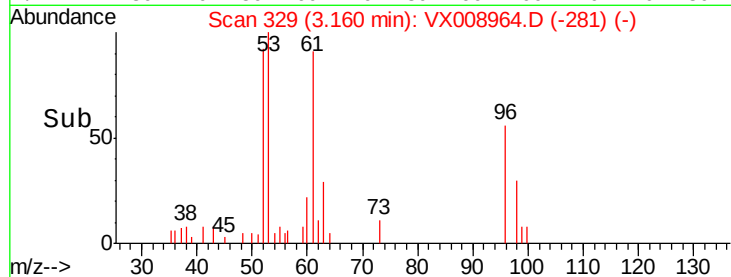
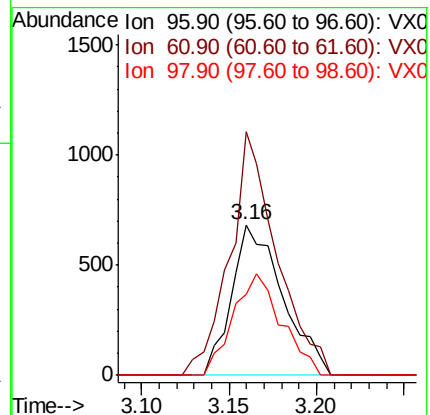
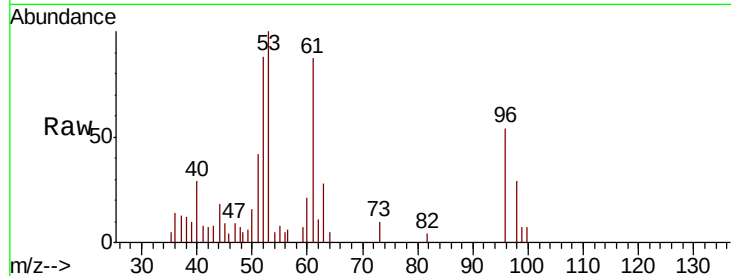
Tot Ion: 96 Resp: 1388

Ion Ratio Lower Upper

96 100

61 161.8 120.3 180.5

98 54.0 50.2 75.2



#22

Diisopropyl ether

Concen: 0.550 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX008964.D

Acq: 15 Apr 2019 16:46

Tgt Ion: 45 Resp: 5539

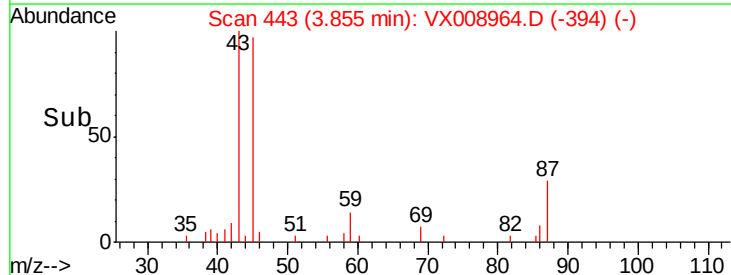
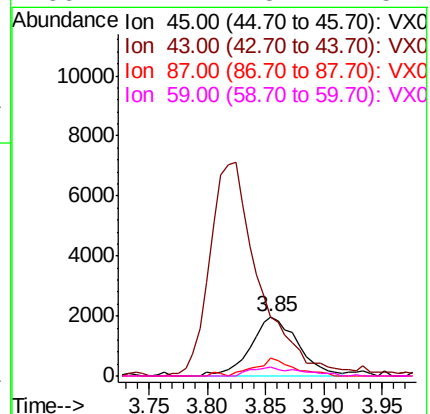
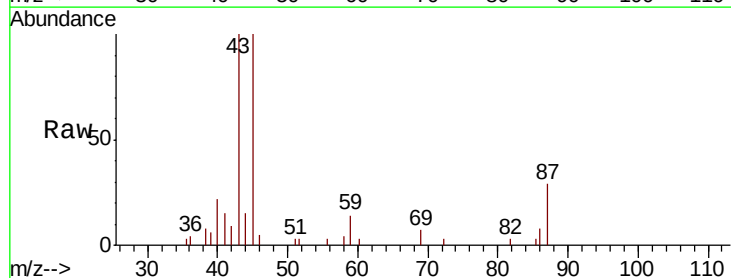
Ion Ratio Lower Upper

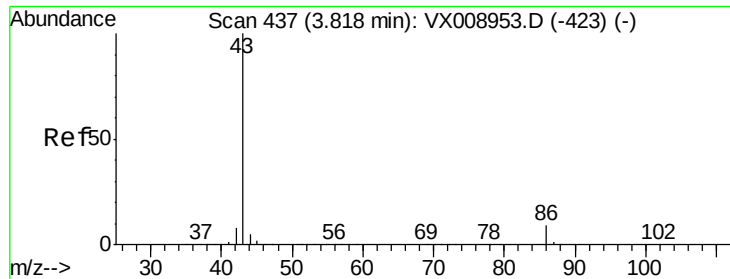
45 100

43 91.6 60.6 91.0#

87 30.2 17.8 26.8#

59 14.4 8.7 13.1#





#23

Vinyl Acetate

Concen: 2.379 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX008964.D

Acq: 15 Apr 2019 16:46

Instrument :

MSVOA_X

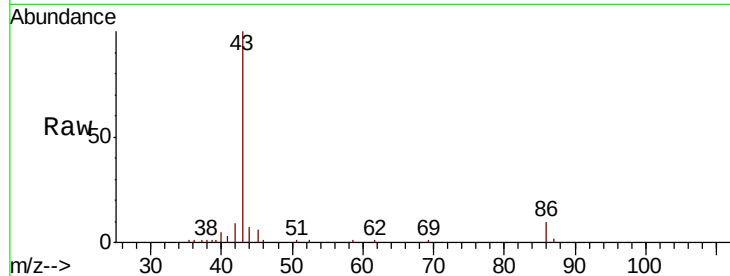
ClientSampleId :

Tot Ion: 43 Resp: 21044

Ion Ratio Lower Upper

43 100

86 10.1 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

8000

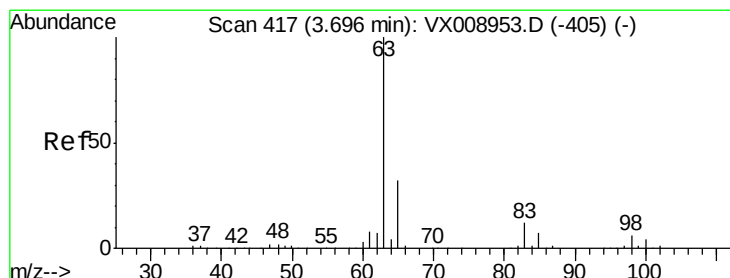
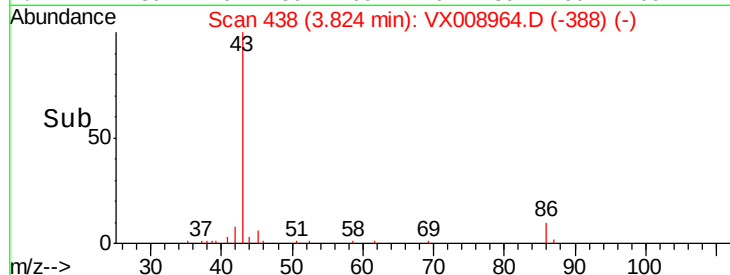
6000

4000

2000

0

Time-->



#24

1,1-Dichloroethane

Concen: 0.570 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008964.D

Acq: 15 Apr 2019 16:46

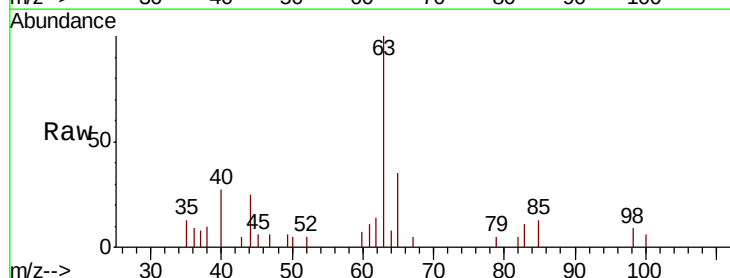
Tgt Ion: 63 Resp: 2882

Ion Ratio Lower Upper

63 100

98 9.1 3.1 9.3

100 6.4 1.9 5.7#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

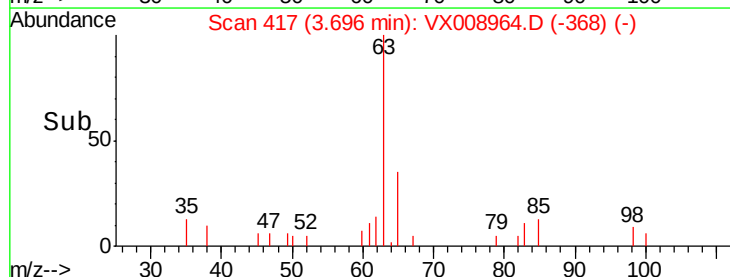
1500

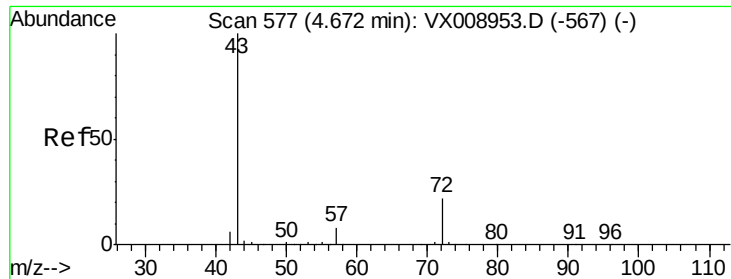
1000

500

0

Time-->





#25

2-Butanone

Concen: 2.444 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX008964.D

Acq: 15 Apr 2019 16:46

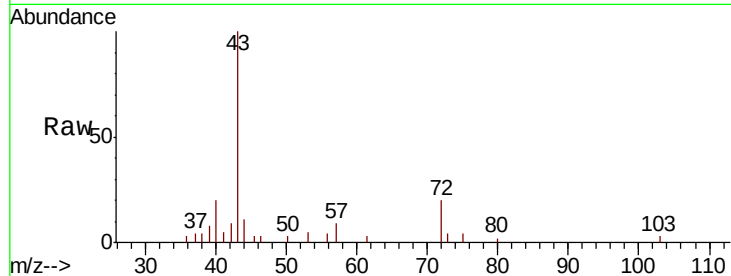
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 6319

Ion Ratio Lower Upper

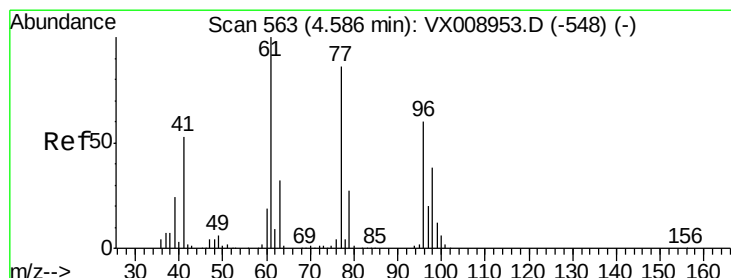
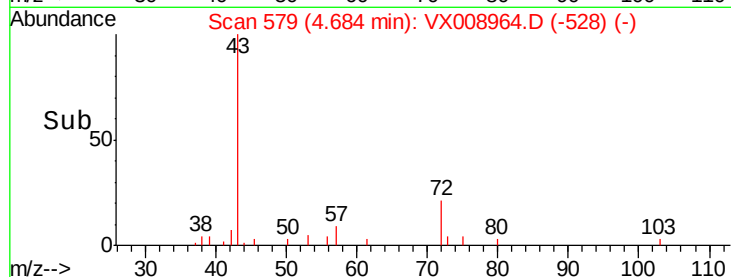
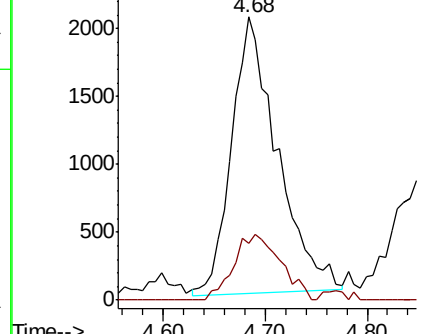
43 100

72 20.9 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 0.527 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008964.D

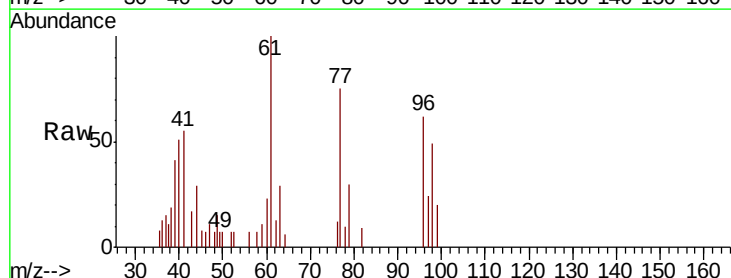
Acq: 15 Apr 2019 16:46

Tgt Ion: 77 Resp: 1995

Ion Ratio Lower Upper

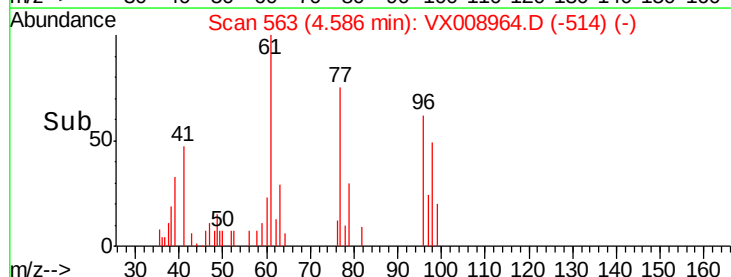
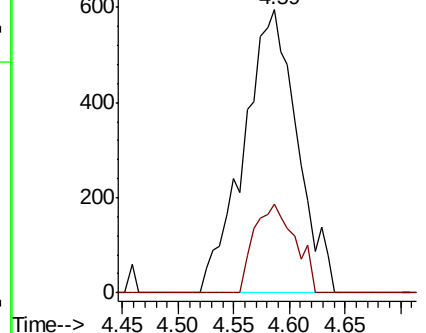
77 100

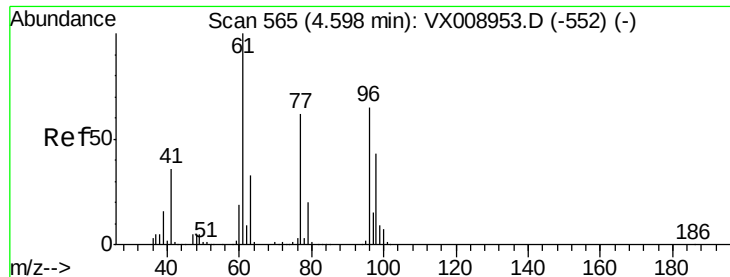
97 23.9 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



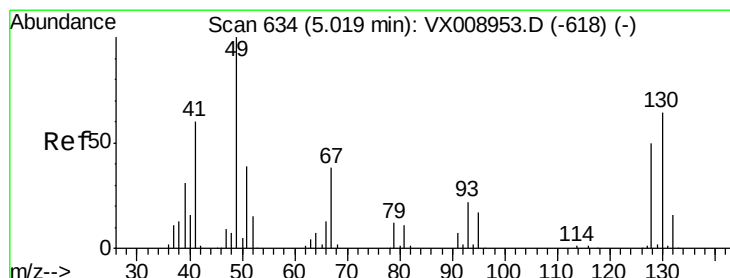
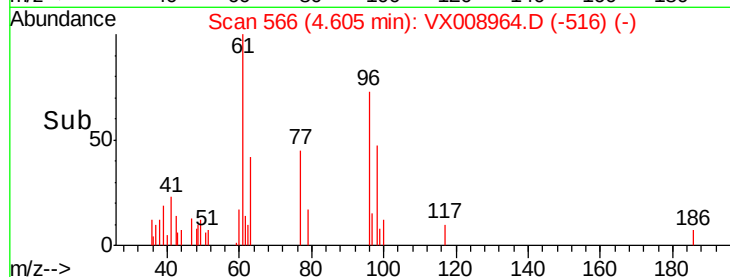
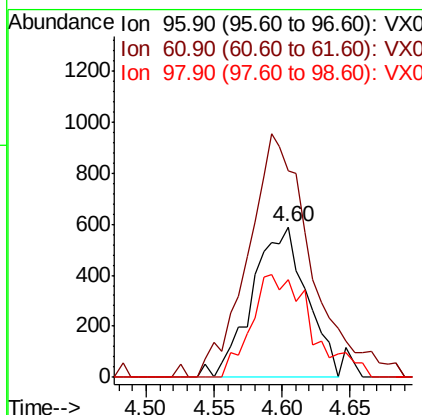
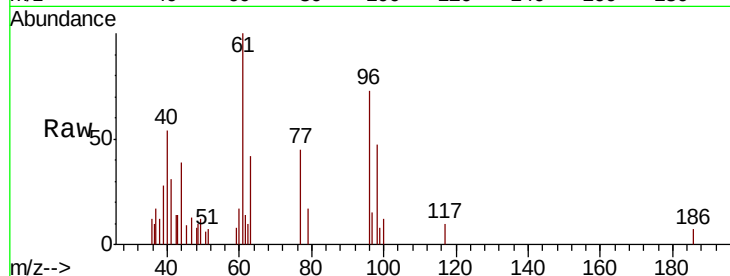


#27

cis-1,2-Dichloroethene
Concen: 0.574 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX008964.D
Acq: 15 Apr 2019 16:46

Instrument :
MSVOA_X
ClientSampled :

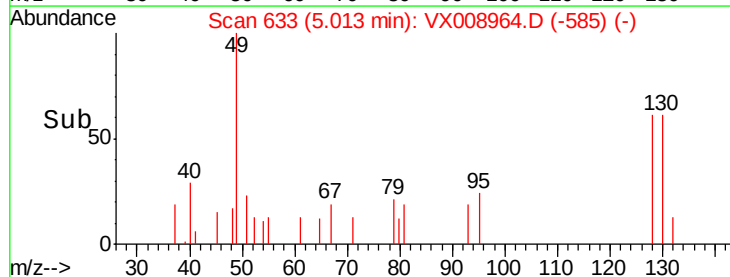
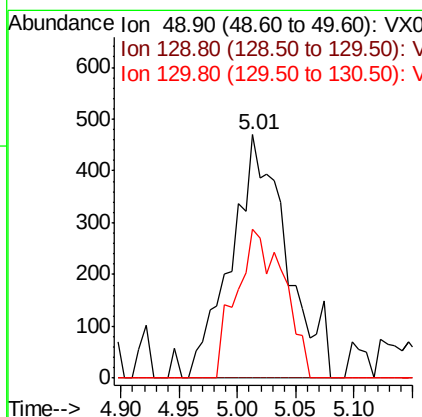
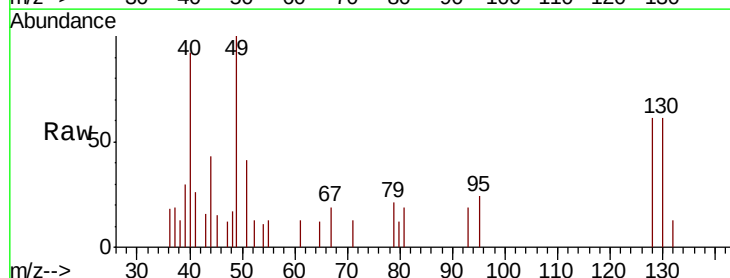
Tot Ion: 96 Resp: 1649
Ion Ratio Lower Upper
96 100
61 188.2 0.0 322.0
98 75.3 0.0 128.4

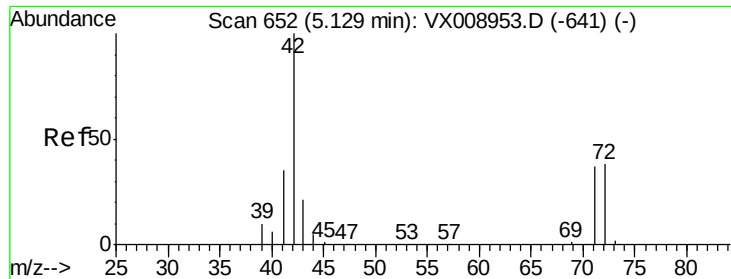


#28

Bromochloromethane
Concen: Below Cal
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008964.D
Acq: 15 Apr 2019 16:46

Tgt Ion: 49 Resp: 1548
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 52.4 50.4 75.6

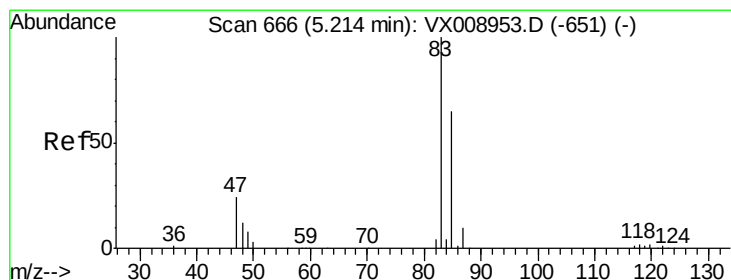
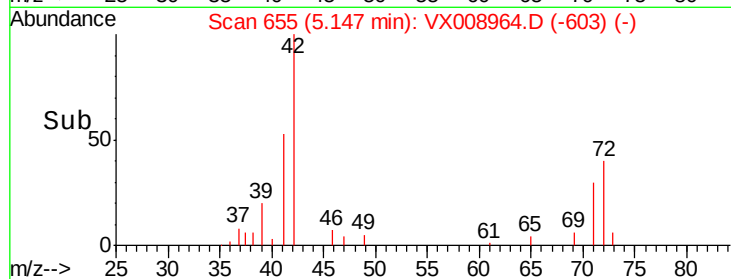
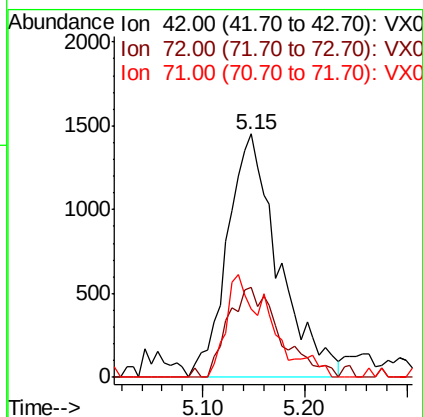
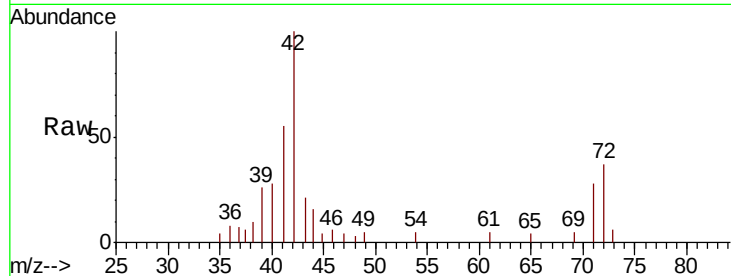




#29
Tetrahydrofuran
Concen: 2.926 ug/l
RT: 5.15 min Scan# 655
Delta R.T. 0.02 min
Lab File: VX008964.D
Acq: 15 Apr 2019 16:46

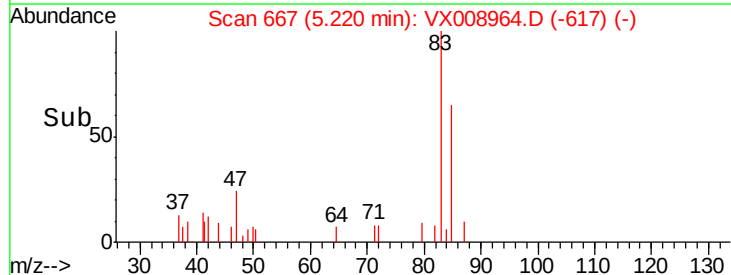
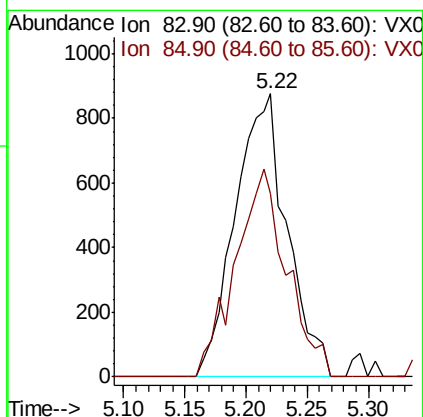
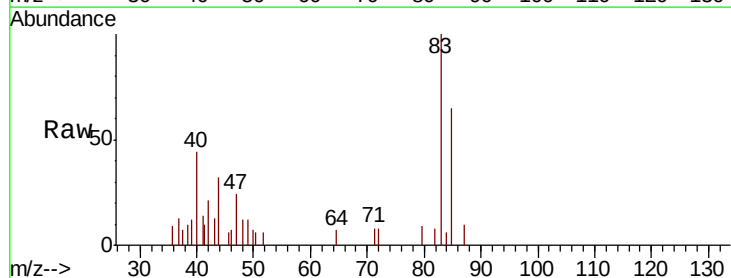
Instrument :
MSVOA_X
ClientSampled :

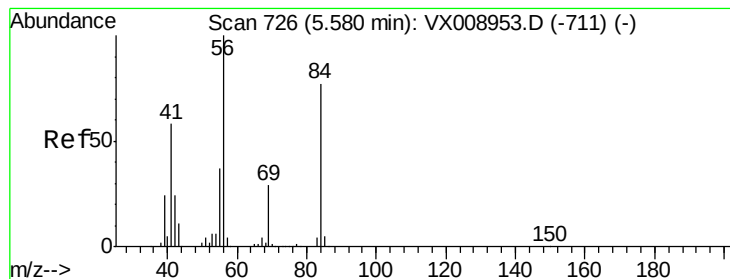
Tot Ion: 42 Resp: 5065
Ion Ratio Lower Upper
42 100
72 38.0 30.6 45.8
71 21.5 28.8 43.2#



#30
Chloroform
Concen: 0.572 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX008964.D
Acq: 15 Apr 2019 16:46

Tgt Ion: 83 Resp: 2587
Ion Ratio Lower Upper
83 100
85 64.8 51.9 77.9





#31

Cyclohexane

Concen: 0.540 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX008964.D

Acq: 15 Apr 2019 16:46

Instrument :

MSVOA_X

ClientSampleId :

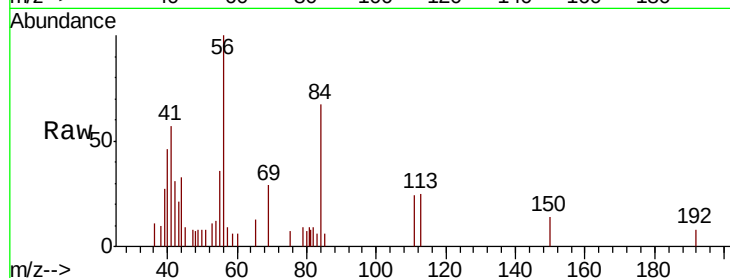
Tot Ion: 56 Resp: 2685

Ion Ratio Lower Upper

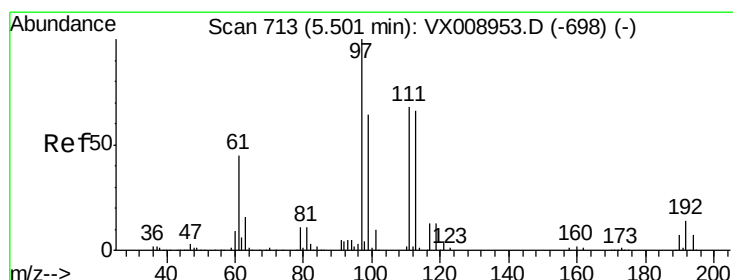
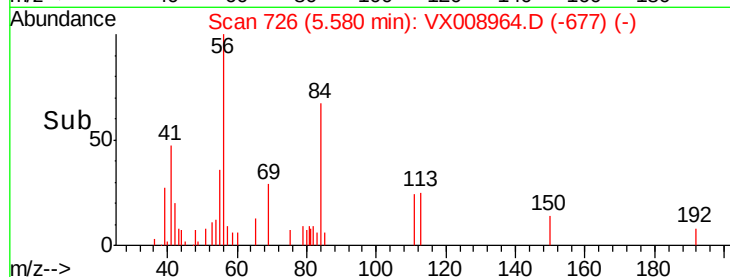
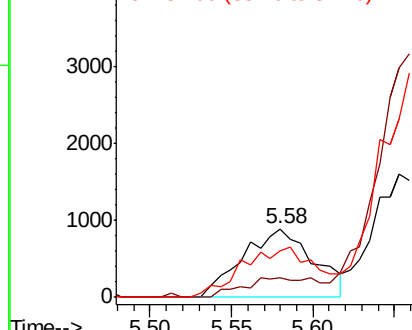
56 100

69 30.9 23.3 34.9

84 71.6 61.7 92.5



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 0.558 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX008964.D

Acq: 15 Apr 2019 16:46

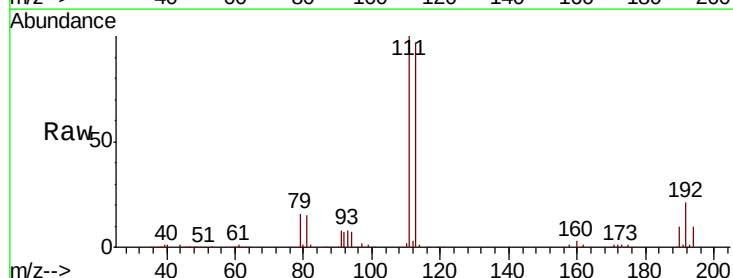
Tgt Ion: 97 Resp: 2091

Ion Ratio Lower Upper

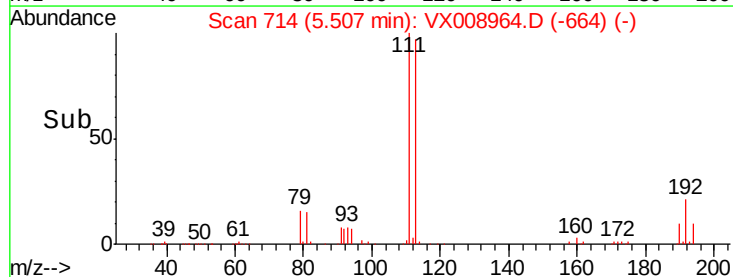
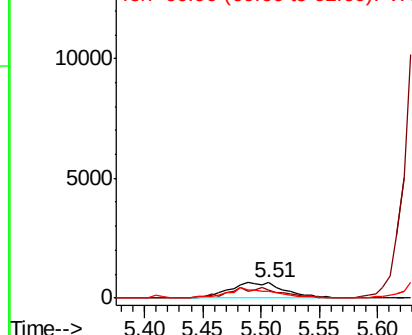
97 100

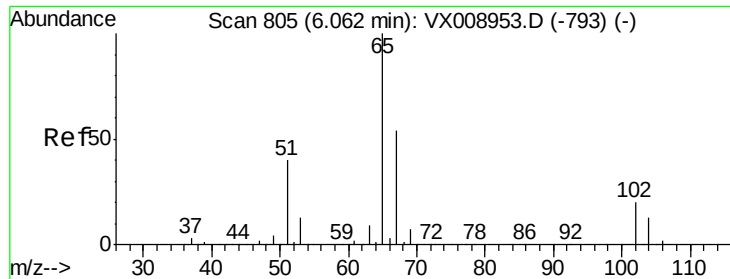
99 0.0 51.6 77.4#

61 0.0 37.9 56.9#



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

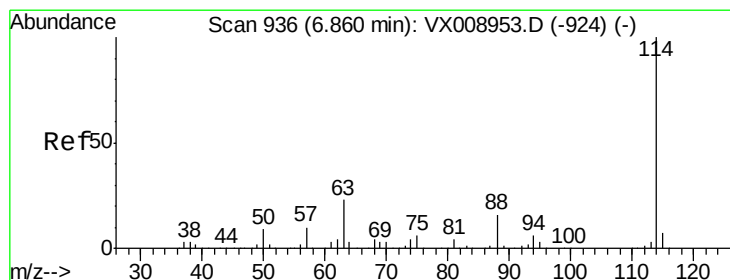
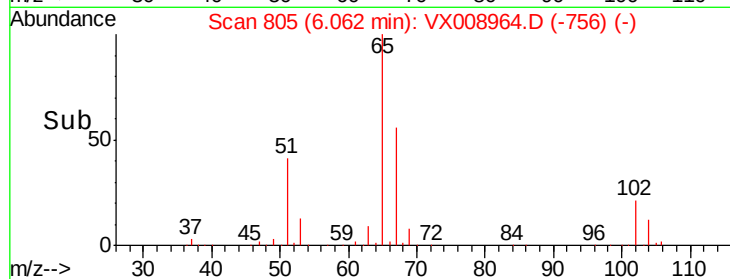
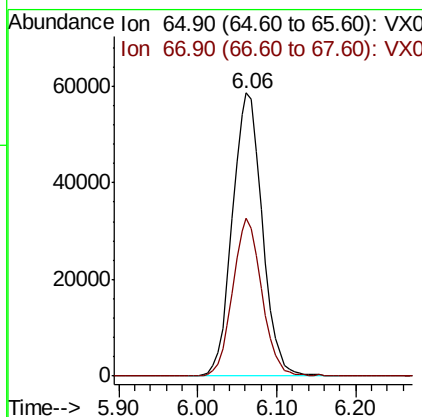
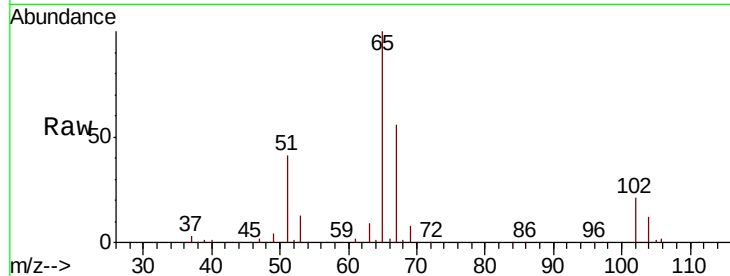




#33
 1,2-Dichloroethane-d4
 Concen: 49.527 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008964.D
 Acq: 15 Apr 2019 16:46

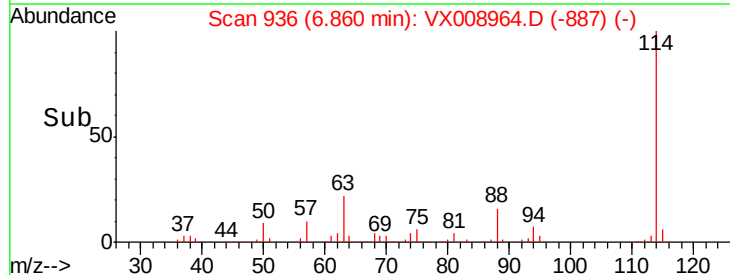
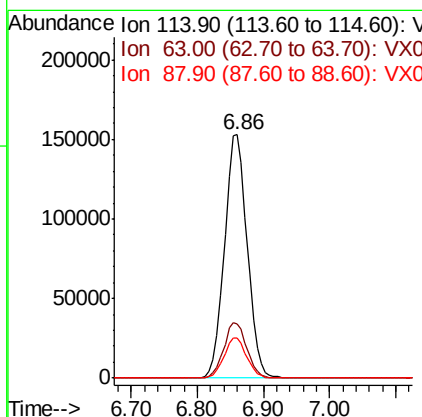
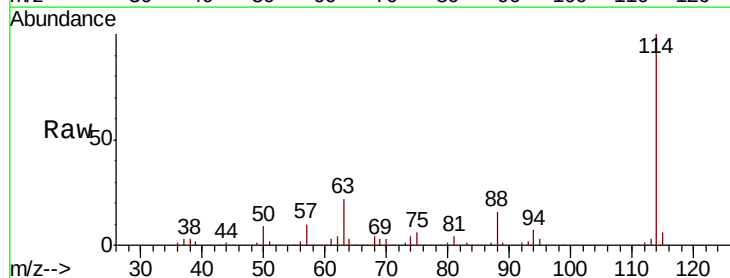
Instrument :
 MSVOA_X
 ClientSampleId :

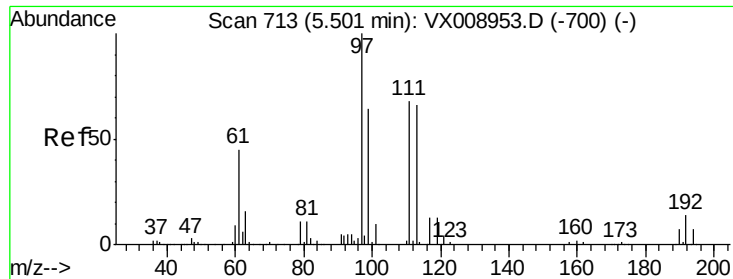
Tot Ion: 65 Resp: 154512
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008964.D
 Acq: 15 Apr 2019 16:46

Tgt Ion: 114 Resp: 364814
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 46.0
 88 16.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.387 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008964.D

Acq: 15 Apr 2019 16:46

Instrument :

MSVOA_X

ClientSampled :

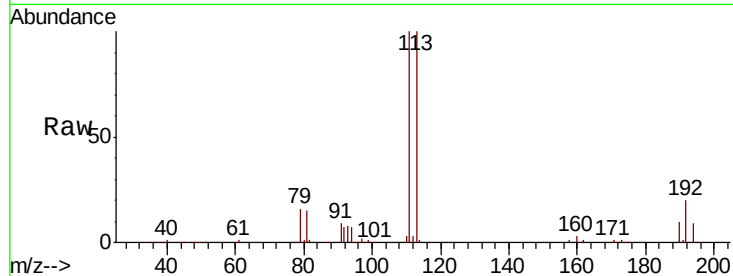
Tot Ion:113 Resp: 110947

Ion Ratio Lower Upper

113 100

111 102.6 82.9 124.3

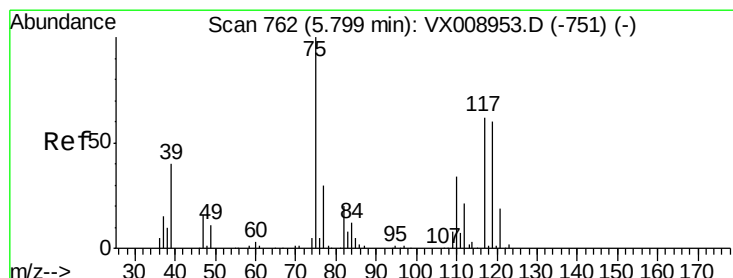
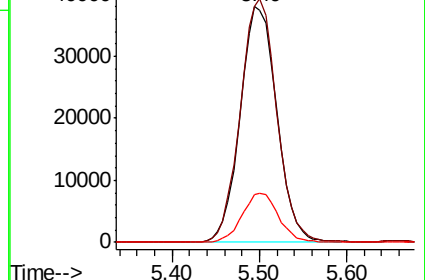
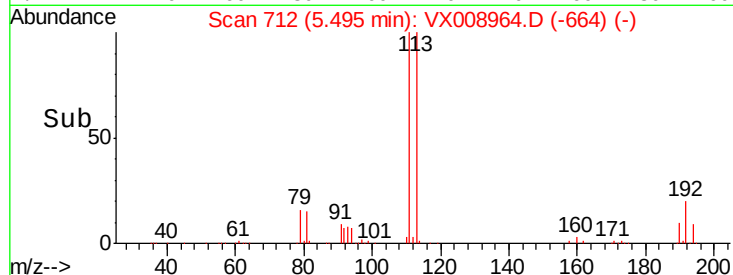
192 20.7 17.4 26.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 0.573 ug/l

RT: 5.81 min Scan# 764

Delta R.T. 0.01 min

Lab File: VX008964.D

Acq: 15 Apr 2019 16:46

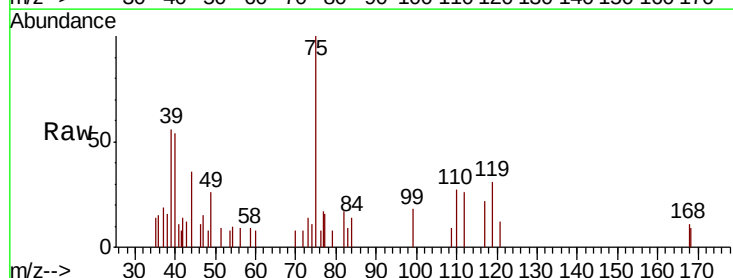
Tgt Ion: 75 Resp: 2161

Ion Ratio Lower Upper

75 100

110 34.4 16.9 50.7

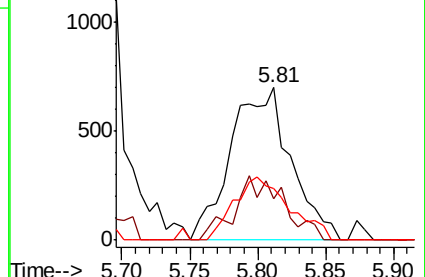
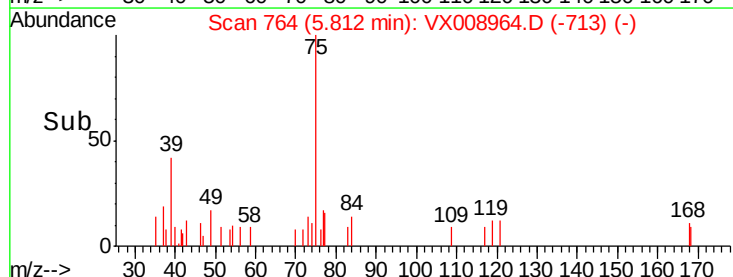
77 38.0 25.0 37.4#

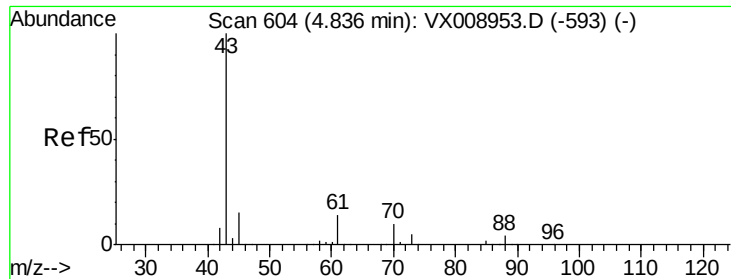


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

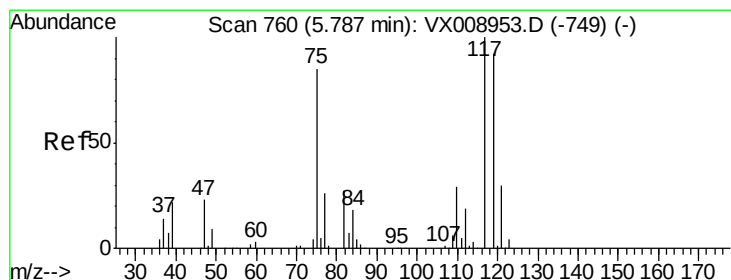
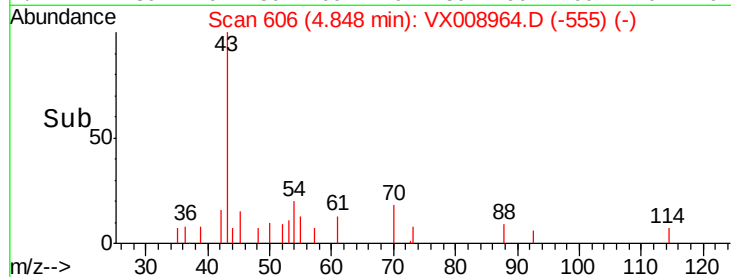
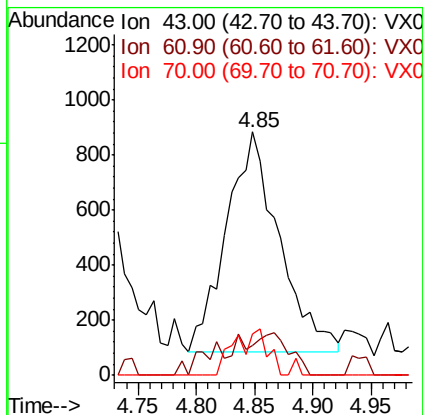
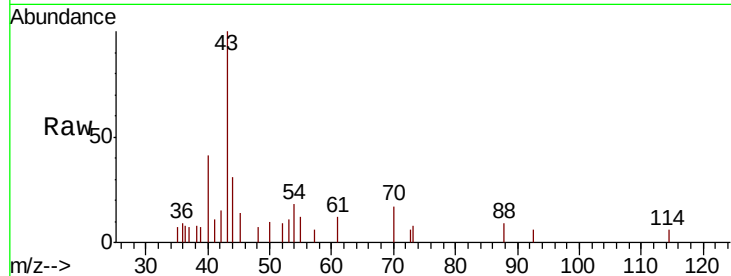




#37
Ethyl Acetate
Concen: 0.518 ug/l
RT: 4.85 min Scan# 606
Delta R.T. 0.01 min
Lab File: VX008964.D
Acq: 15 Apr 2019 16:46

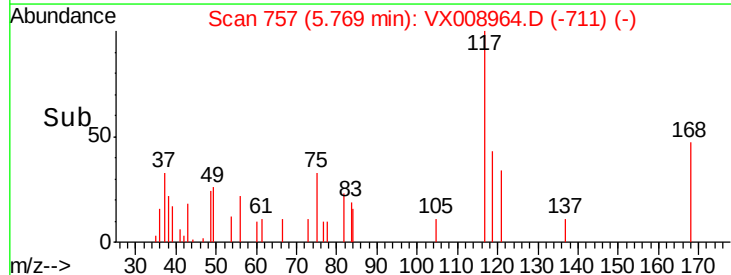
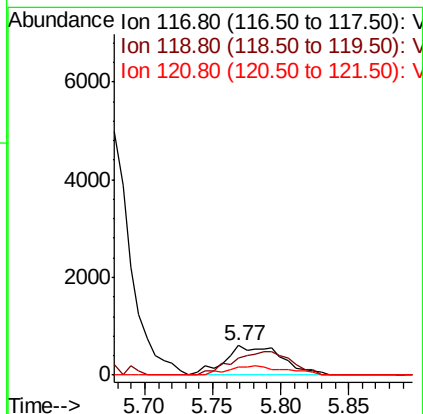
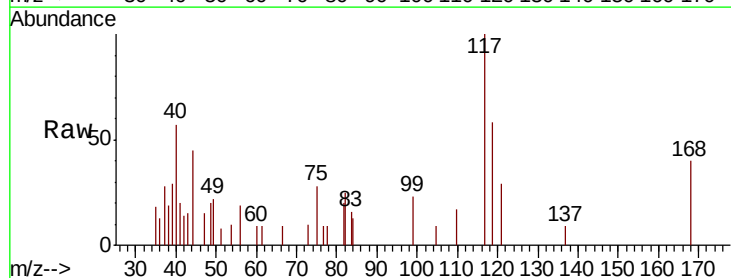
Instrument :
MSVOA_X
ClientSampled :

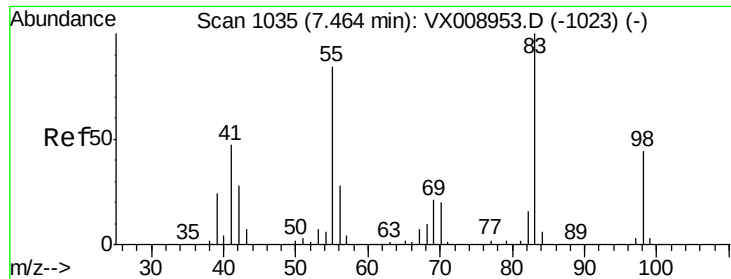
Tot Ion: 43 Resp: 2517
Ion Ratio Lower Upper
43 100
61 11.2 10.6 15.8
70 7.0 7.7 11.5#



#38
Carbon Tetrachloride
Concen: 0.551 ug/l
RT: 5.77 min Scan# 757
Delta R.T. -0.02 min
Lab File: VX008964.D
Acq: 15 Apr 2019 16:46

Tgt Ion: 117 Resp: 1764
Ion Ratio Lower Upper
117 100
119 58.5 73.8 110.8#
121 28.7 23.6 35.4

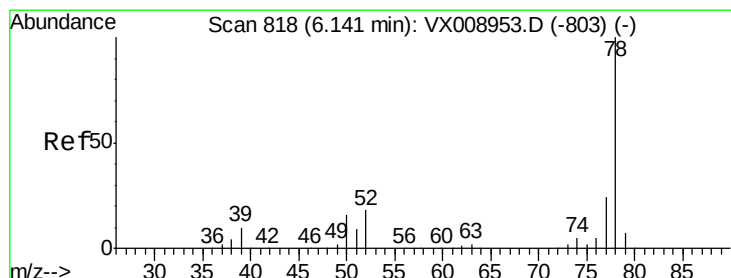
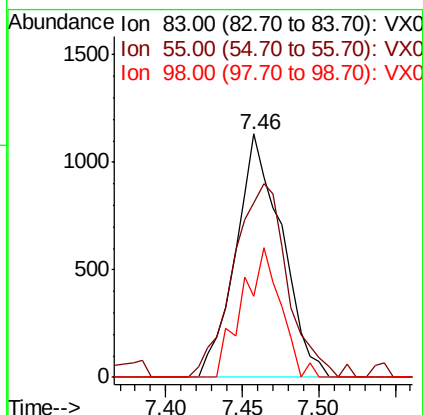
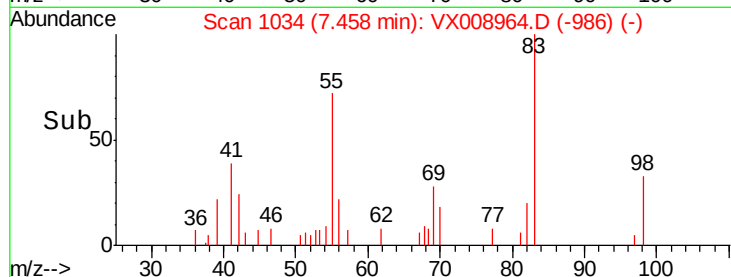
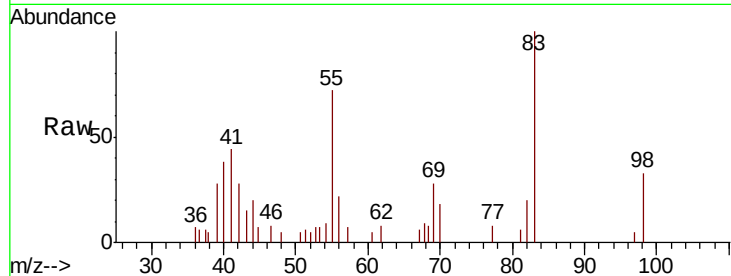




#39
Methylvlcyclohexane
Concen: 0.516 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008964.D
Acq: 15 Apr 2019 16:46

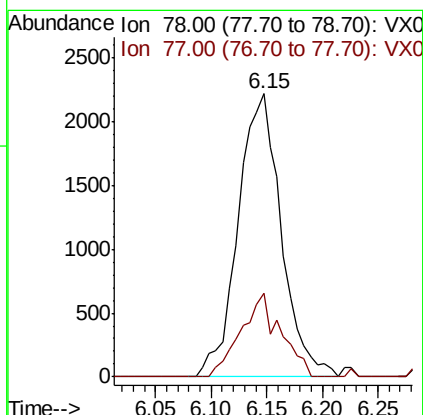
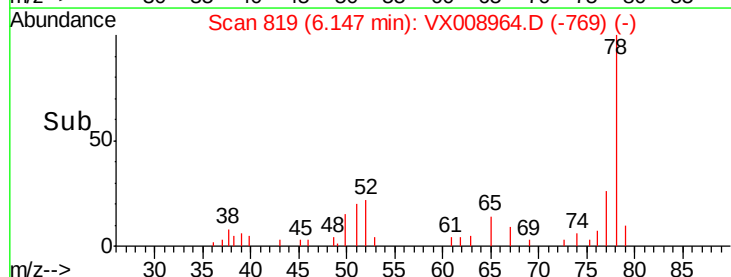
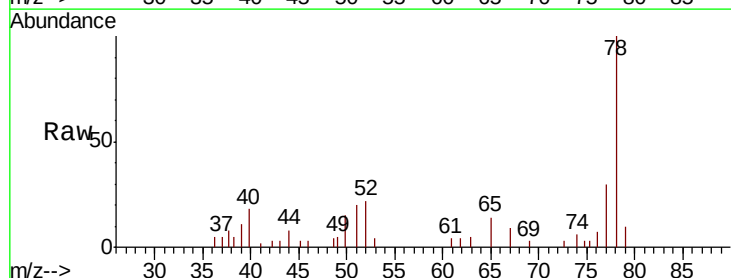
Instrument :
MSVOA_X
ClientSampled :

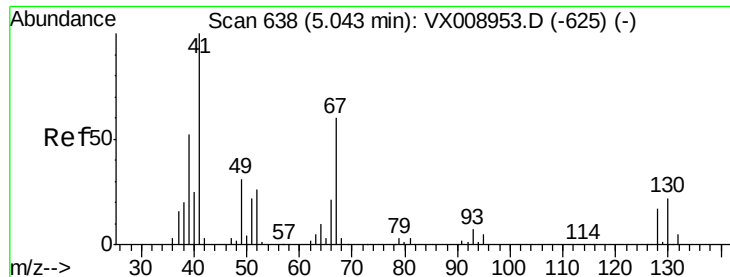
Tot Ion: 83 Resp: 2370
Ion Ratio Lower Upper
83 100
55 71.9 67.1 100.7
98 33.4 35.1 52.7#



#40
Benzene
Concen: 0.538 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX008964.D
Acq: 15 Apr 2019 16:46

Tgt Ion: 78 Resp: 5984
Ion Ratio Lower Upper
78 100
77 29.7 19.0 28.6#





#41

Methacrylonitrile

Concen: 0.625 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.01 min

Lab File: VX008964.D

Acq: 15 Apr 2019 16:46

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 1741

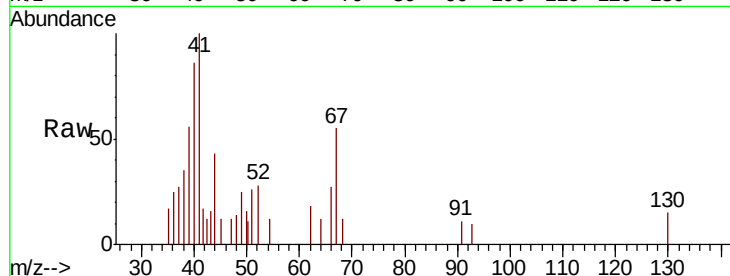
Ion Ratio Lower Upper

41 100

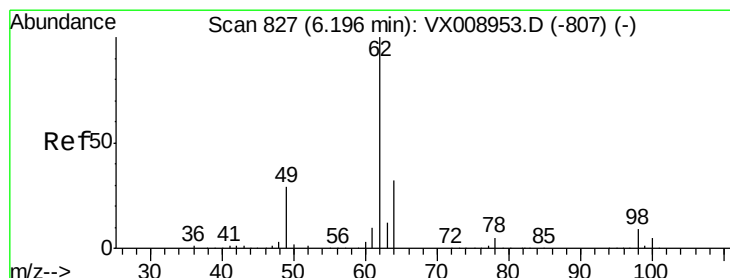
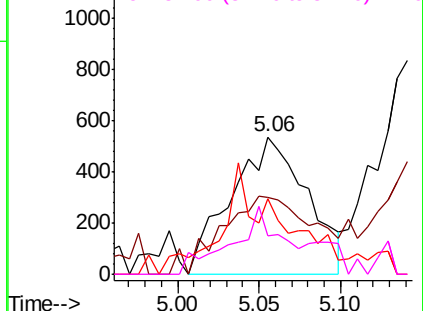
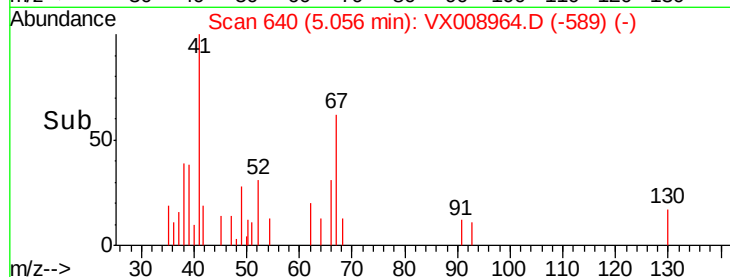
39 69.0 41.8 62.6#

67 35.3 50.2 75.4#

52 31.5 21.1 31.7



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 0.657 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX008964.D

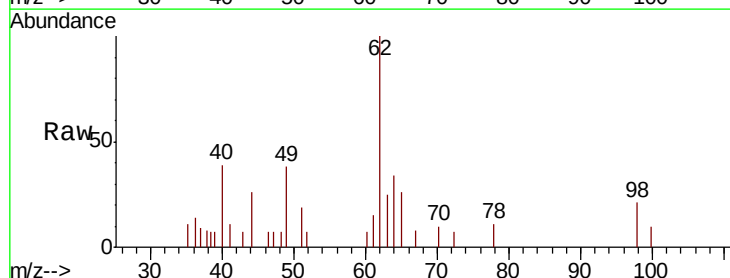
Acq: 15 Apr 2019 16:46

Tgt Ion: 62 Resp: 2591

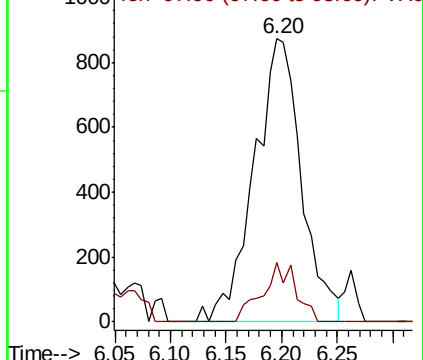
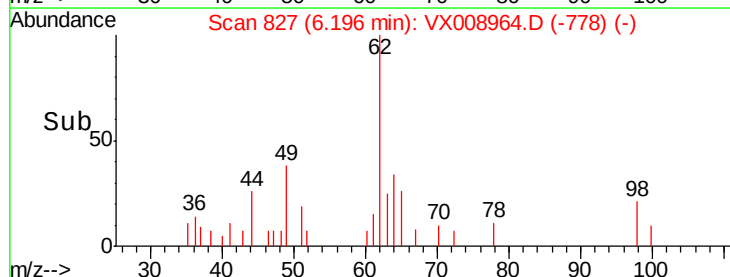
Ion Ratio Lower Upper

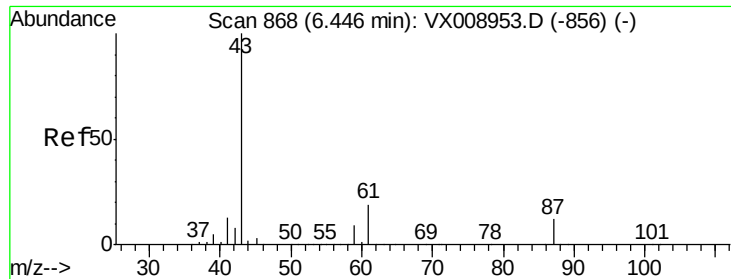
62 100

98 14.7 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 0.538 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008964.D

Acq: 15 Apr 2019 16:46

Instrument :

MSVOA_X

ClientSampleId :

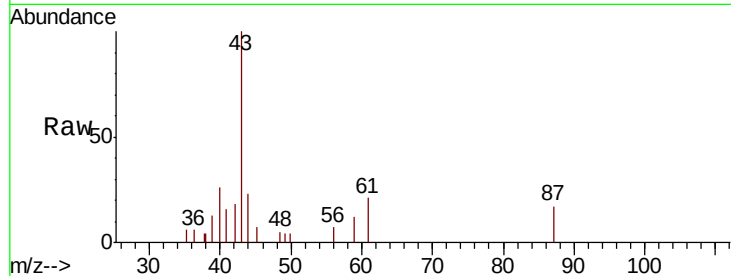
Tot Ion: 43 Resp: 4206

Ion Ratio Lower Upper

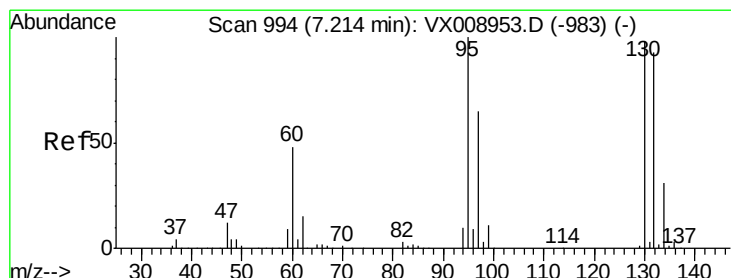
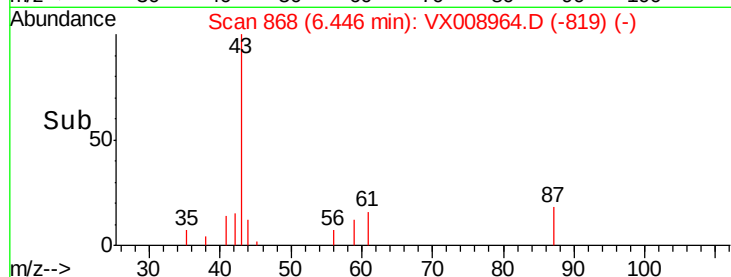
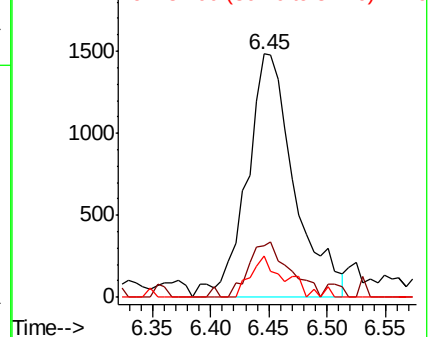
43 100

61 19.3 15.4 23.0

87 11.9 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 0.516 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008964.D

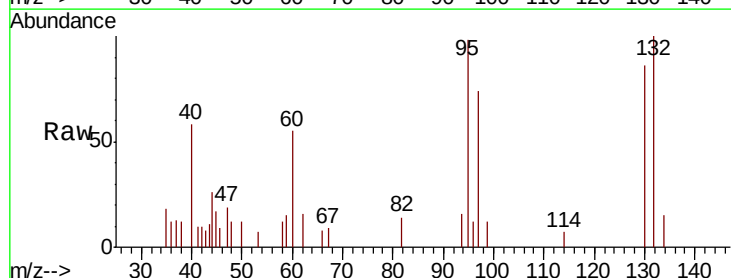
Acq: 15 Apr 2019 16:46

Tgt Ion: 130 Resp: 1408

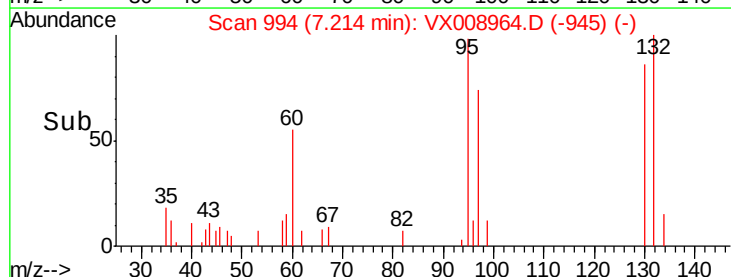
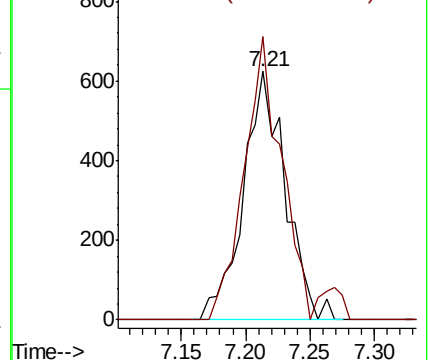
Ion Ratio Lower Upper

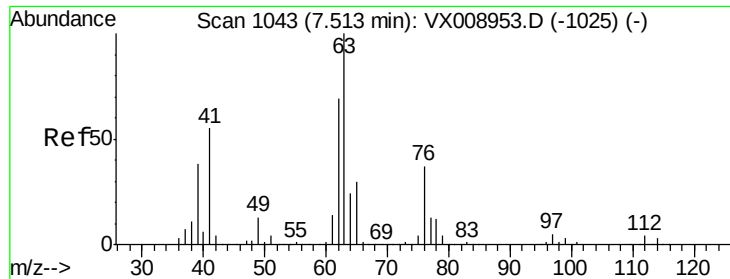
130 100

95 113.9 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

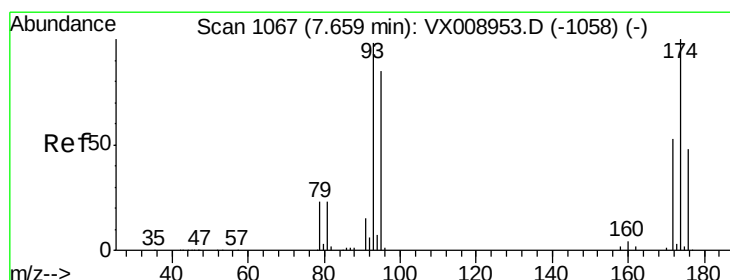
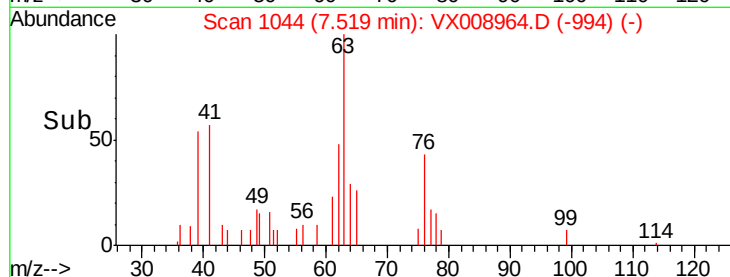
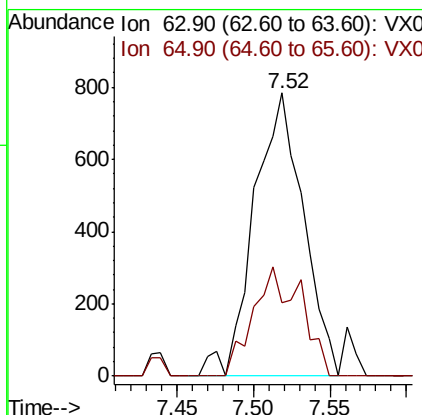
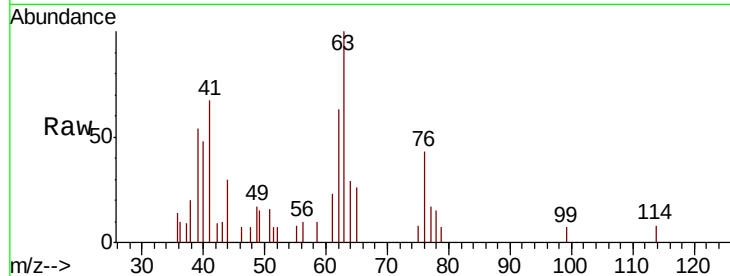




#45
 1,2-Dichloropropane
 Concen: 0.570 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX008964.D
 Acq: 15 Apr 2019 16:46

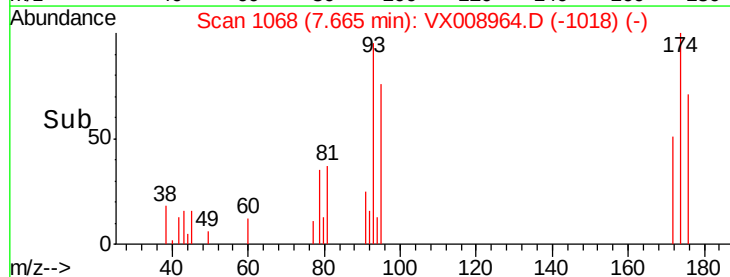
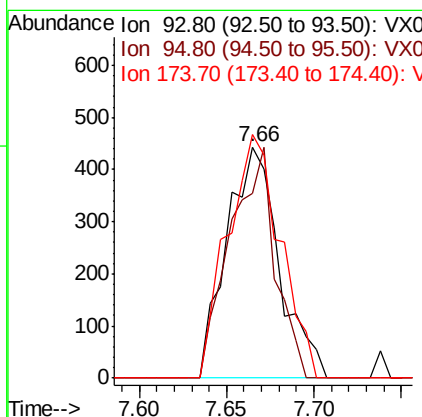
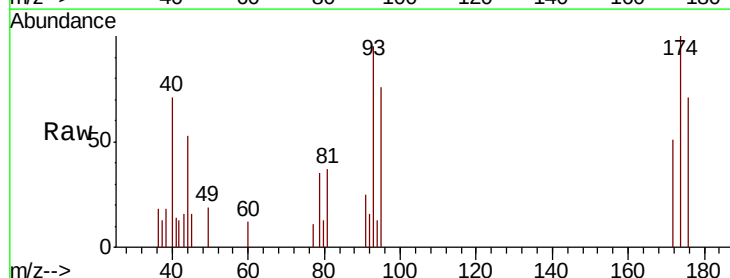
Instrument :
 MSVOA_X
 ClientSampled :

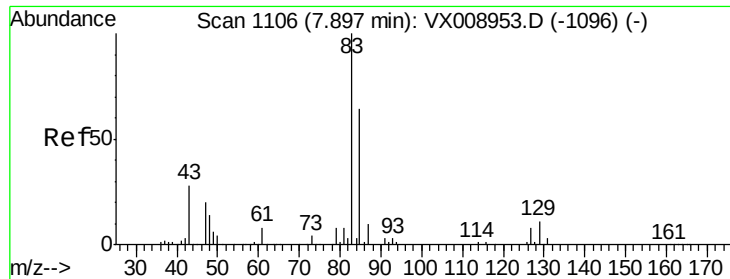
Tot Ion: 63 Resp: 1760
 Ion Ratio Lower Upper
 63 100
 65 26.0 24.1 36.1



#46
 Dibromomethane
 Concen: 0.516 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX008964.D
 Acq: 15 Apr 2019 16:46

Tgt Ion: 93 Resp: 927
 Ion Ratio Lower Upper
 93 100
 95 85.3 67.0 100.4
 174 105.6 81.6 122.4





#47

Bromodichloromethane

Concen: 0.535 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008964.D

Acq: 15 Apr 2019 16:46

Instrument :

MSVOA_X

ClientSampled :

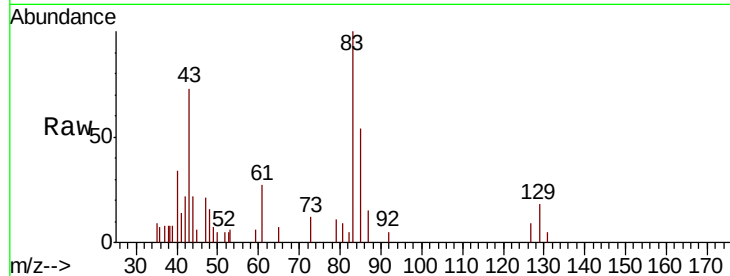
Tot Ion: 83 Resp: 1884

Ion Ratio Lower Upper

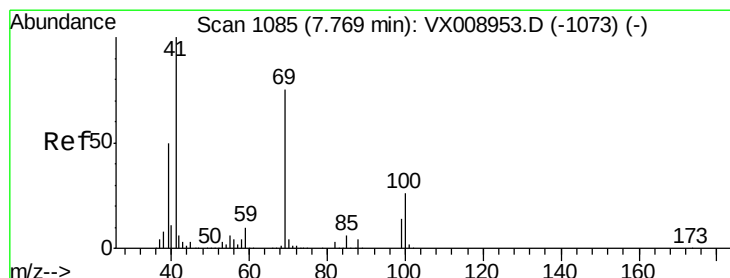
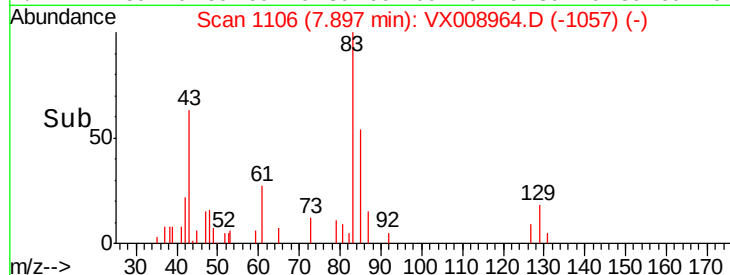
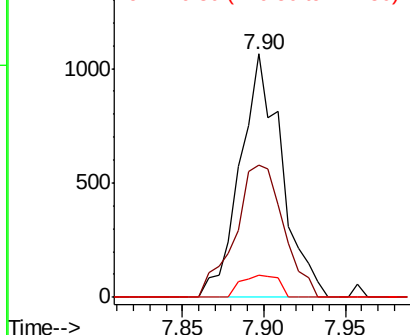
83 100

85 54.3 50.8 76.2

127 9.0 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 0.607 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.01 min

Lab File: VX008964.D

Acq: 15 Apr 2019 16:46

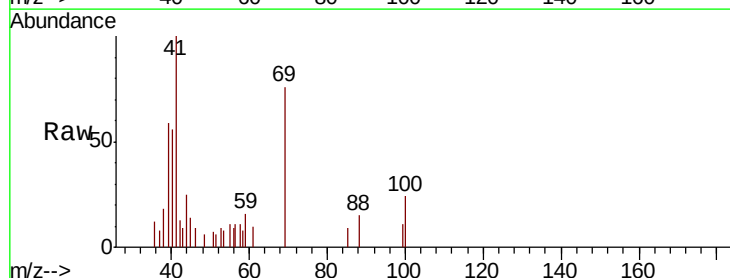
Tgt Ion: 41 Resp: 2348

Ion Ratio Lower Upper

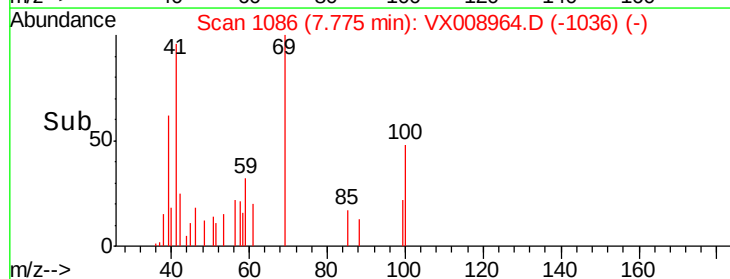
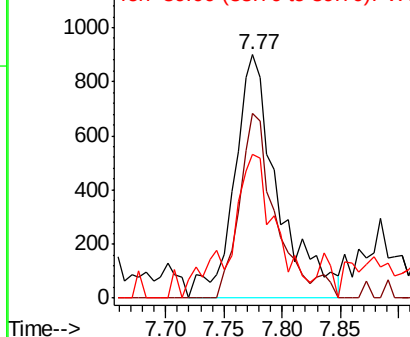
41 100

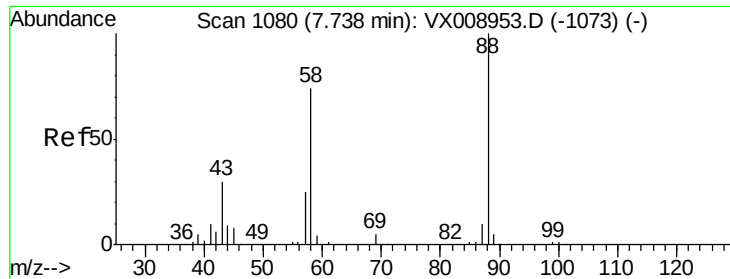
69 60.3 59.4 89.2

39 60.9 39.8 59.6#



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

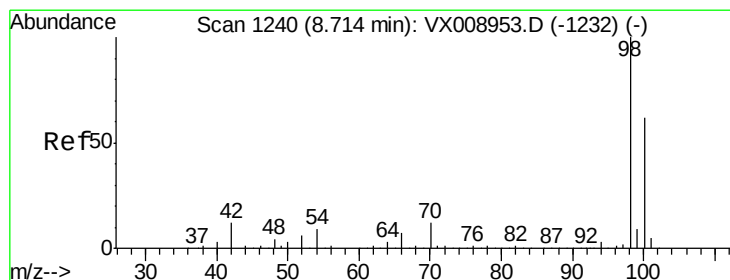
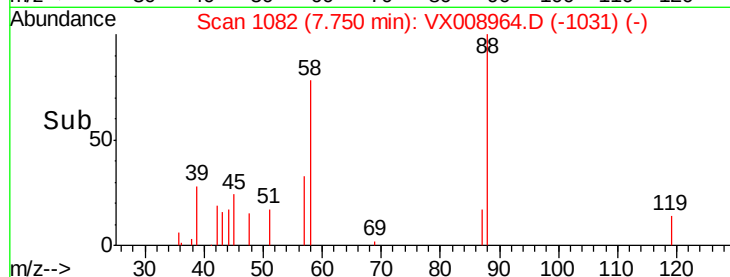
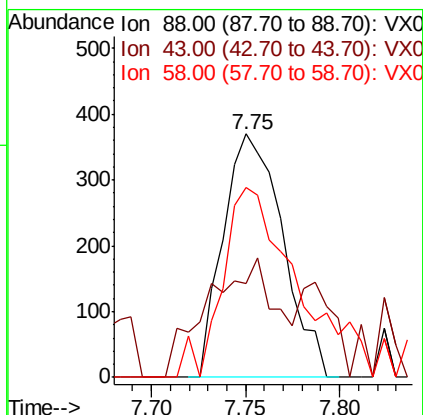
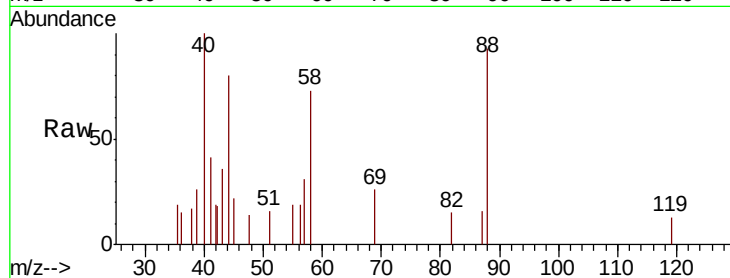




#49
1,4-Dioxane
Concen: 11.153 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.01 min
Lab File: VX008964.D
Acq: 15 Apr 2019 16:46

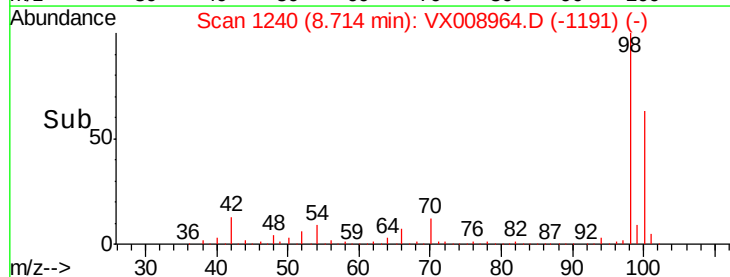
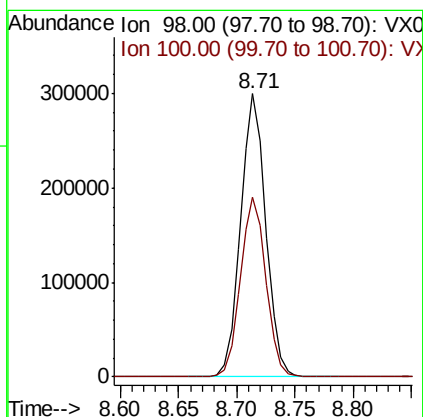
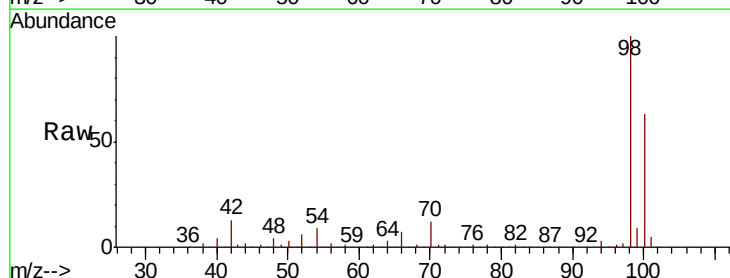
Instrument :
MSVOA_X
ClientSampleId :

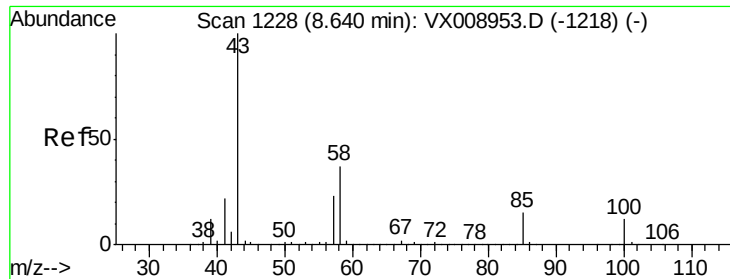
Tot Ion: 88 Resp: 807
Ion Ratio Lower Upper
88 100
43 57.0 29.3 43.9#
58 98.9 62.6 93.8#



#50
Toluene-d8
Concen: 48.470 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008964.D
Acq: 15 Apr 2019 16:46

Tgt Ion: 98 Resp: 452573
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.2

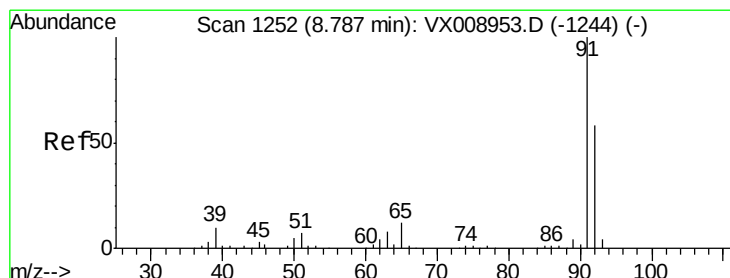
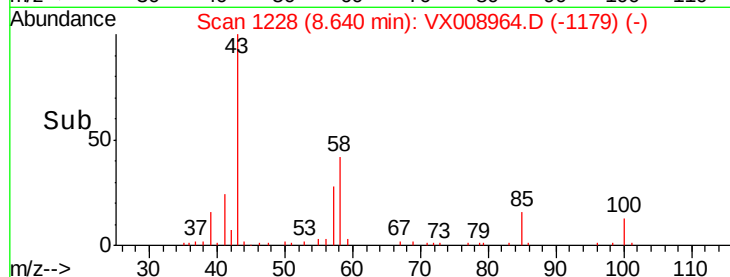
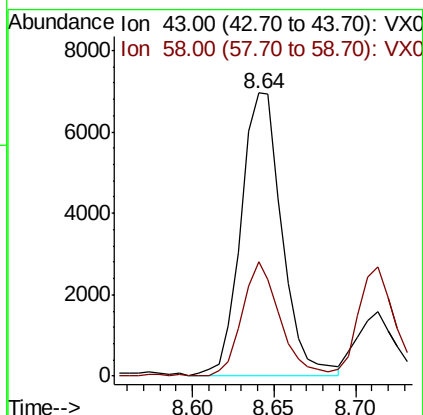
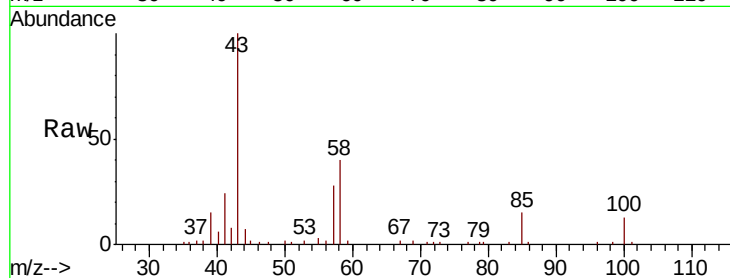




#51
4-Methyl-2-Pentanone
Concen: 2.453 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008964.D
Acq: 15 Apr 2019 16:46

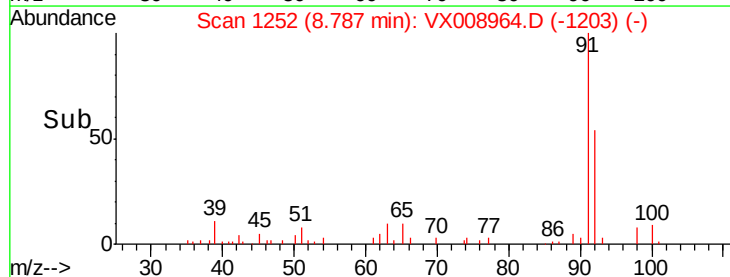
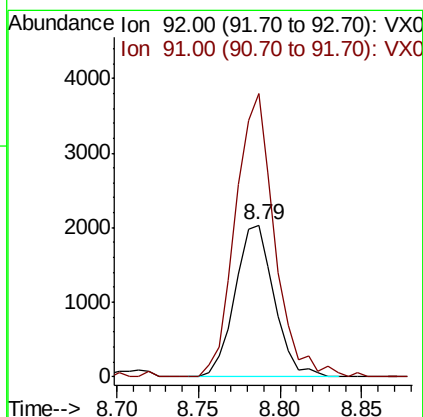
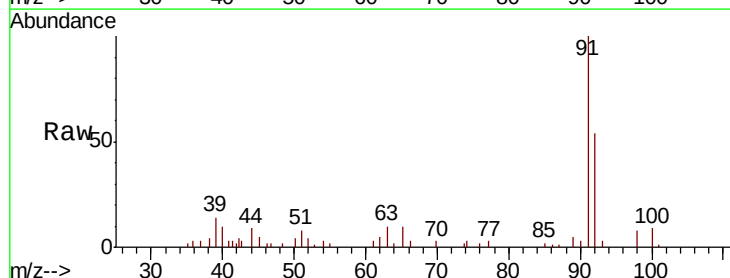
Instrument :
MSVOA_X
ClientSampleId :

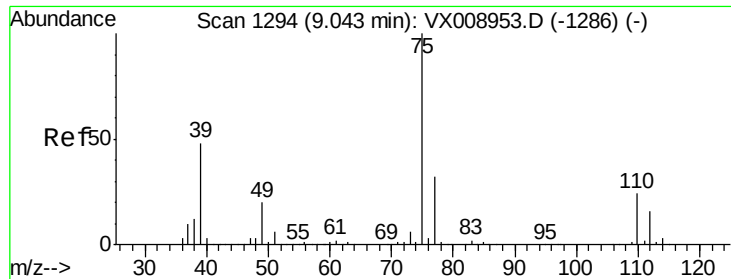
Tot Ion: 43 Resp: 12225
Ion Ratio Lower Upper
43 100
58 36.9 29.8 44.6



#52
Toluene
Concen: 0.507 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX008964.D
Acq: 15 Apr 2019 16:46

Tgt Ion: 92 Resp: 3381
Ion Ratio Lower Upper
92 100
91 187.0 138.5 207.7

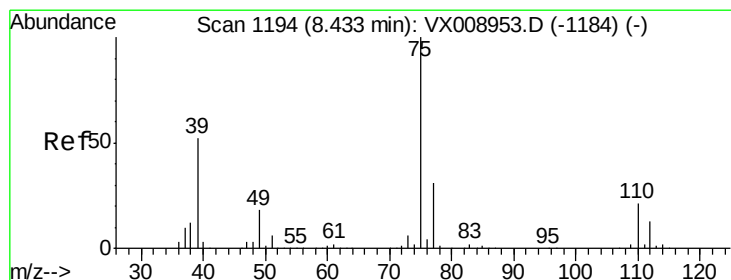
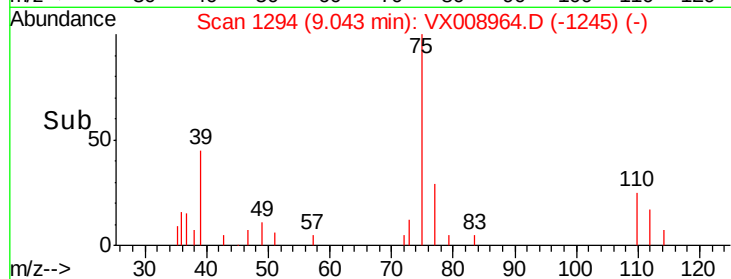
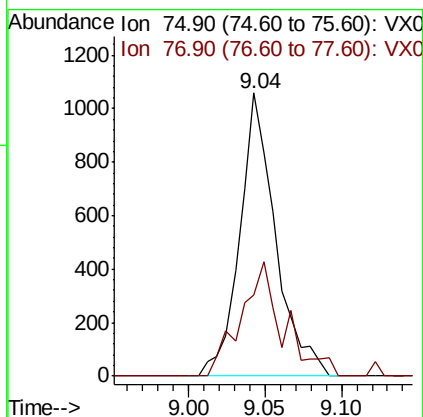
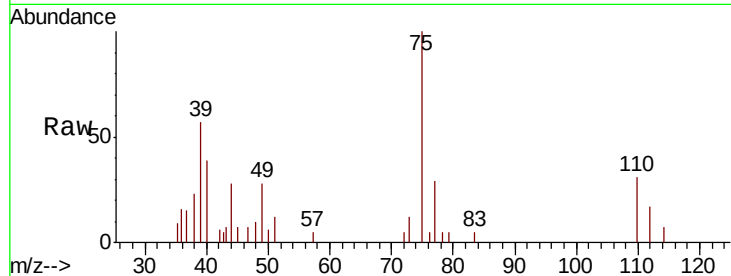




#53
t-1,3-Dichloropropene
Concen: 0.424 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX008964.D
Acq: 15 Apr 2019 16:46

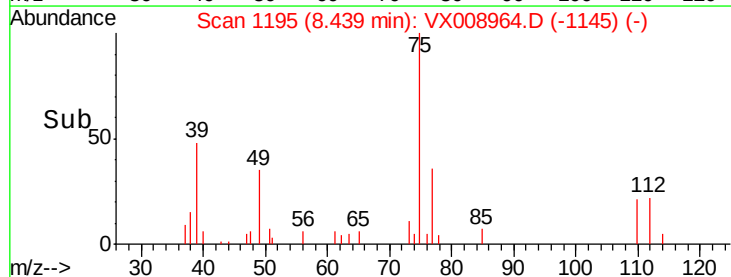
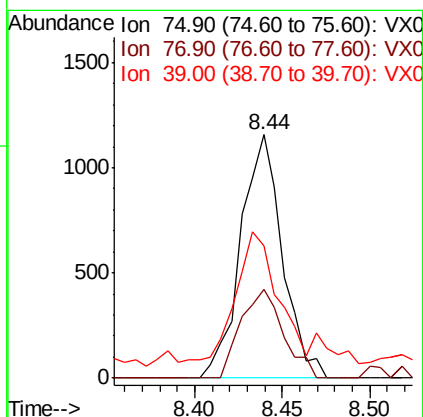
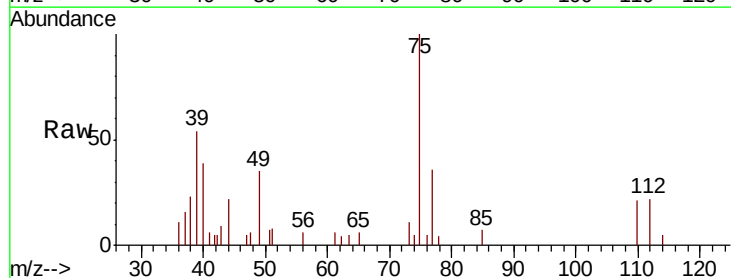
Instrument :
MSVOA_X
ClientSampled :

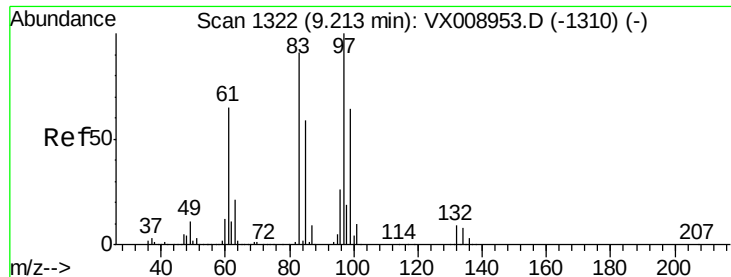
Tot Ion: 75 Resp: 1720
Ion Ratio Lower Upper
75 100
77 28.7 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 0.423 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.01 min
Lab File: VX008964.D
Acq: 15 Apr 2019 16:46

Tgt Ion: 75 Resp: 1923
Ion Ratio Lower Upper
75 100
77 36.3 24.8 37.2
39 46.9 41.8 62.6

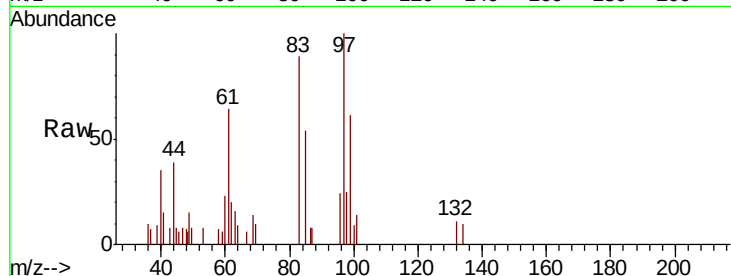




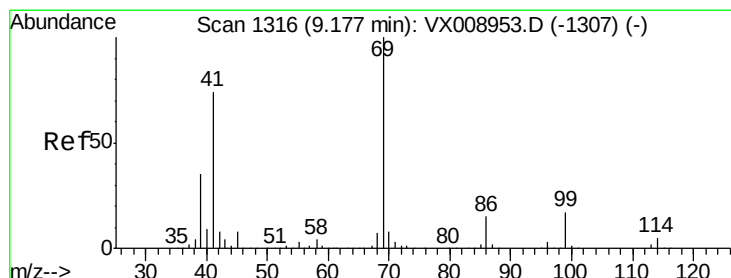
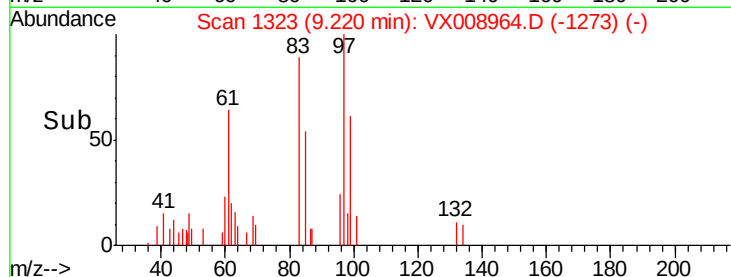
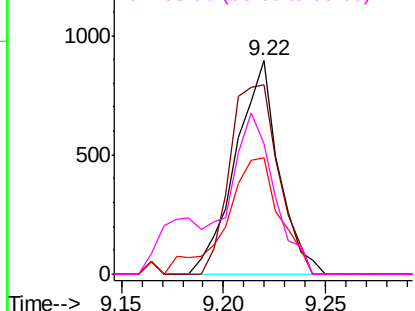
#55
 1,1,2-Trichloroethane
 Concen: 0.497 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VX008964.D
 Acq: 15 Apr 2019 16:46

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:	97	Resp:	1315
Ion	Ratio	Lower	Upper
97	100		
83	88.9	72.6	108.8
85	54.4	46.9	70.3
99	61.1	51.0	76.6

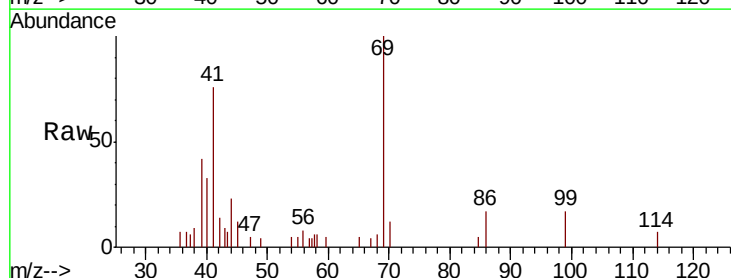


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

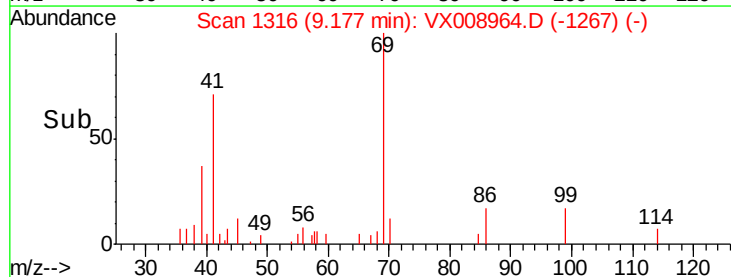
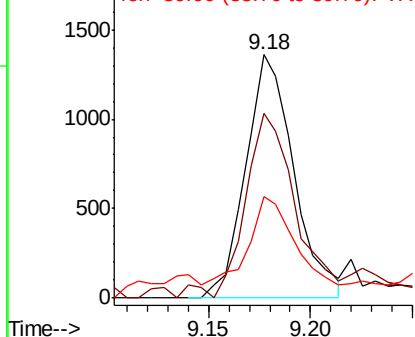


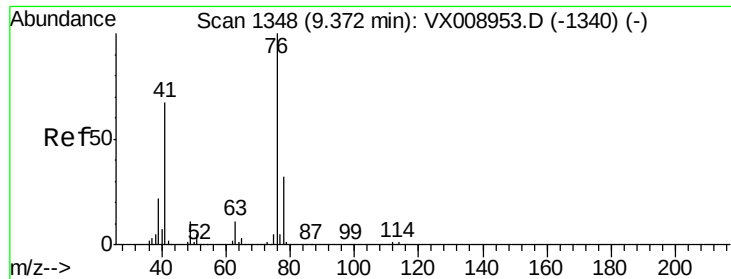
#56
 Ethyl methacrylate
 Concen: 0.471 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008964.D
 Acq: 15 Apr 2019 16:46

Tgt Ion:	69	Resp:	2235
Ion	Ratio	Lower	Upper
69	100		
41	79.5	60.2	90.2
39	38.6	27.9	41.9



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

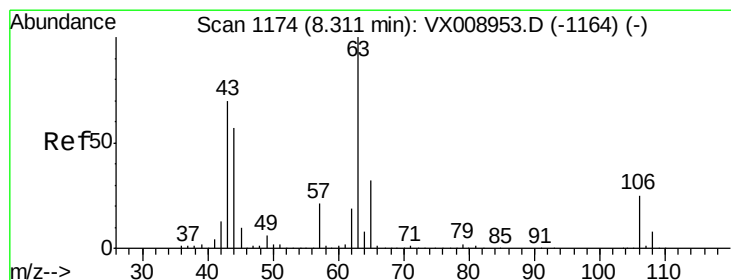
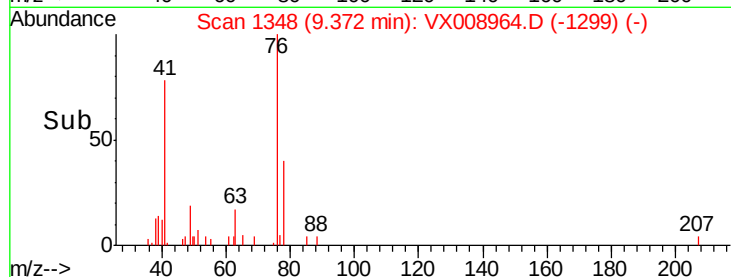
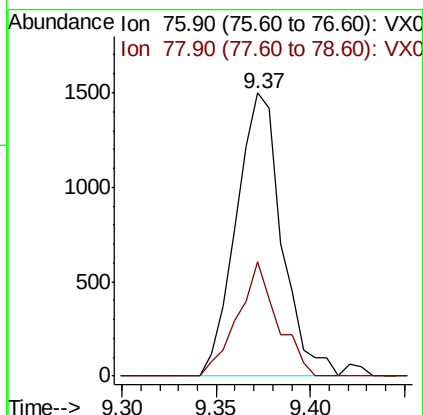
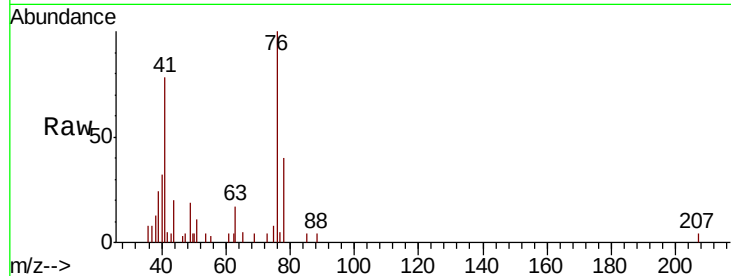




#57
 1,3-Dichloropropane
 Concen: 0.534 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX008964.D
 Acq: 15 Apr 2019 16:46

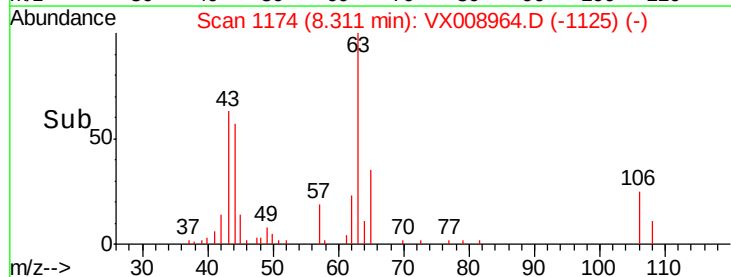
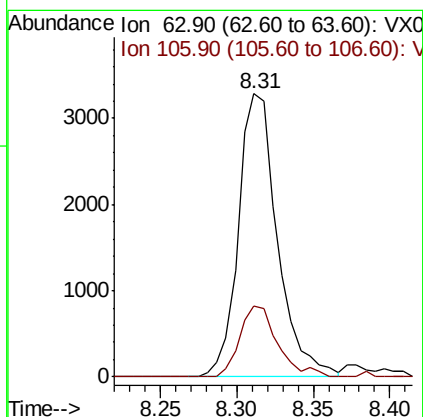
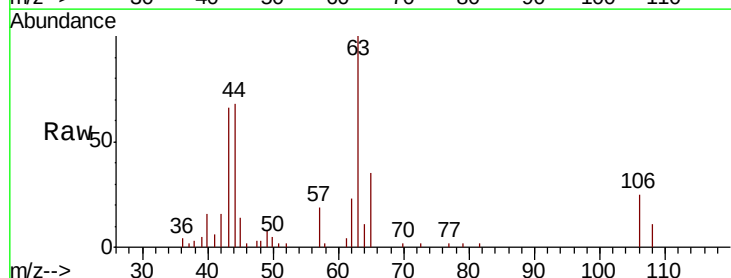
Instrument :
 MSVOA_X
 ClientSampleId :

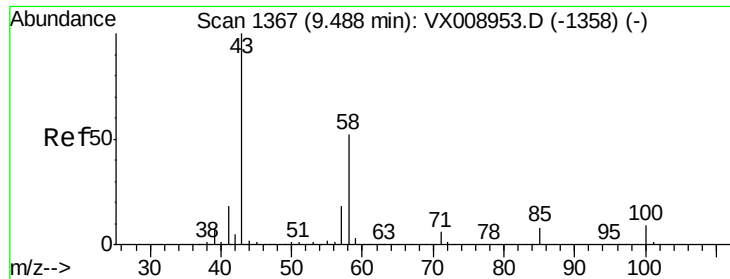
Tot Ion: 76 Resp: 2514
 Ion Ratio Lower Upper
 76 100
 78 35.3 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 2.272 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX008964.D
 Acq: 15 Apr 2019 16:46

Tgt Ion: 63 Resp: 5799
 Ion Ratio Lower Upper
 63 100
 106 24.4 19.8 29.6

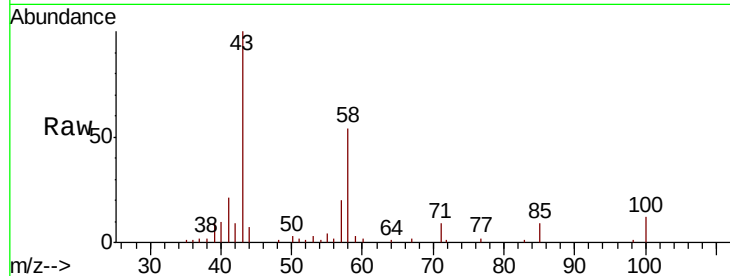




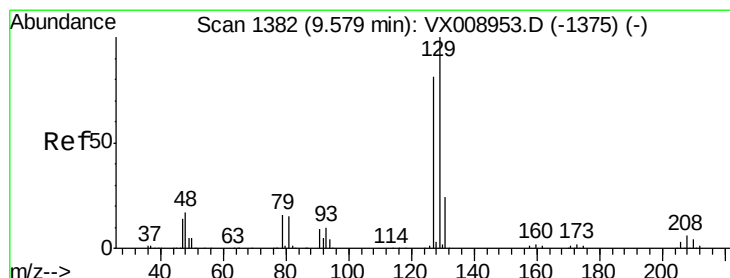
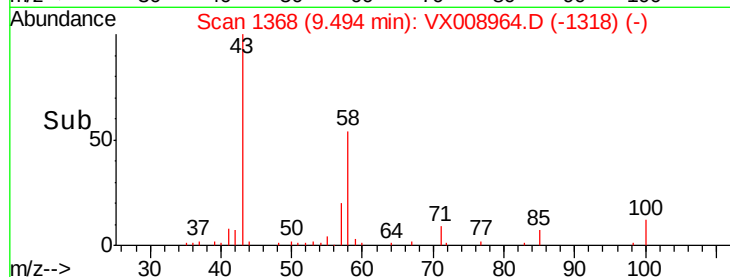
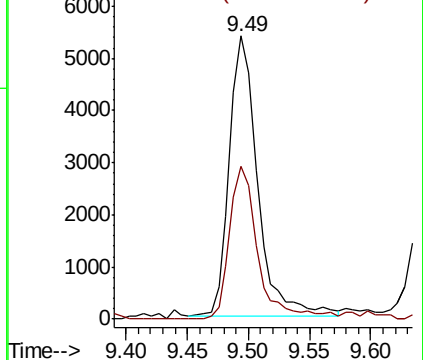
#59
2-Hexanone
Concen: 2.235 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX008964.D
Acq: 15 Apr 2019 16:46

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 8588
Ion Ratio Lower Upper
43 100
58 54.0 25.9 77.8

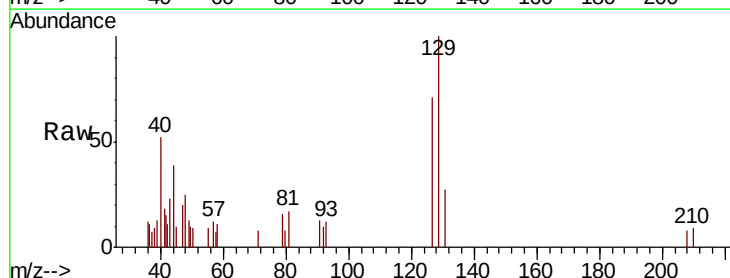


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

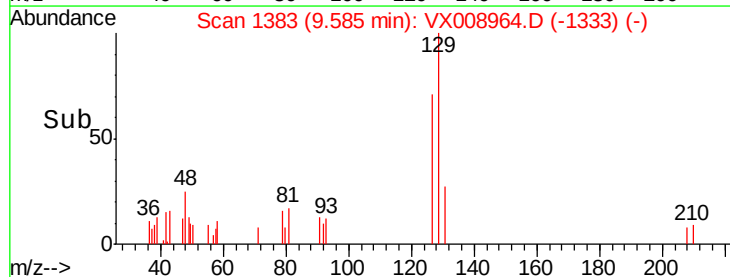
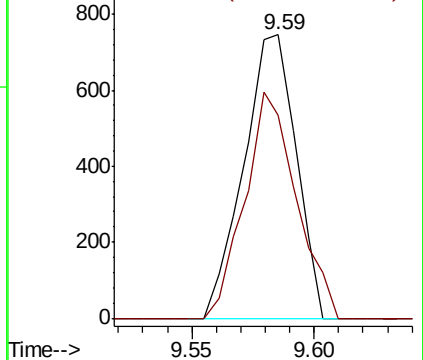


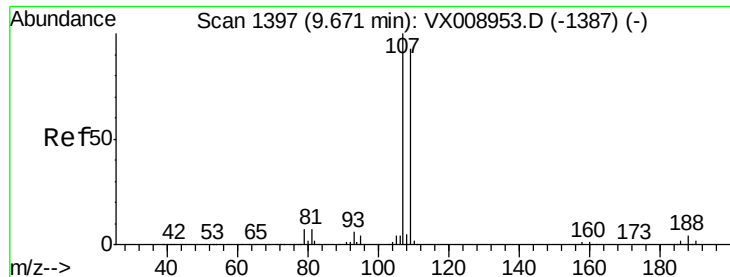
#60
Dibromochloromethane
Concen: 0.438 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX008964.D
Acq: 15 Apr 2019 16:46

Tgt Ion:129 Resp: 1109
Ion Ratio Lower Upper
129 100
127 78.6 39.1 117.2



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 0.511 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008964.D

Acq: 15 Apr 2019 16:46

Instrument :

MSVOA_X

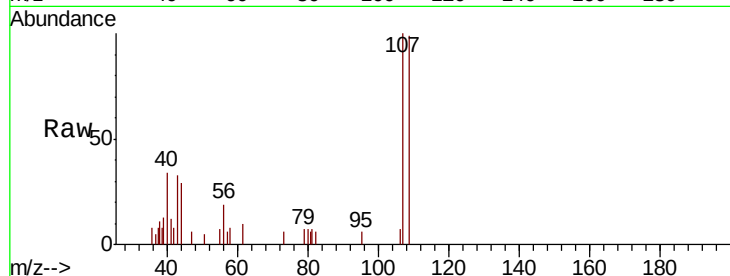
ClientSampleId :

Tot Ion:107 Resp: 1394

Ion Ratio Lower Upper

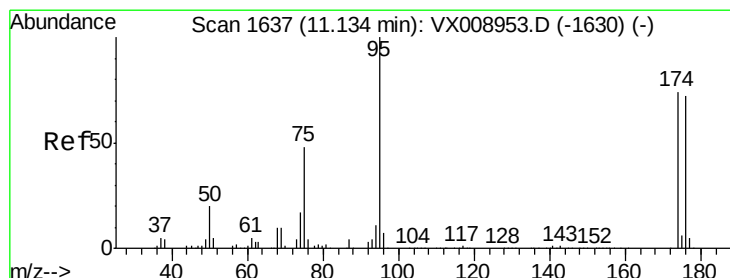
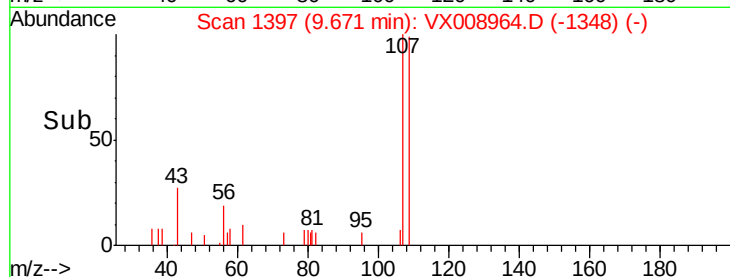
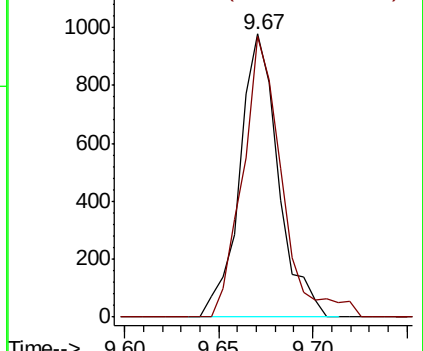
107 100

109 100.0 74.4 111.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.440 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008964.D

Acq: 15 Apr 2019 16:46

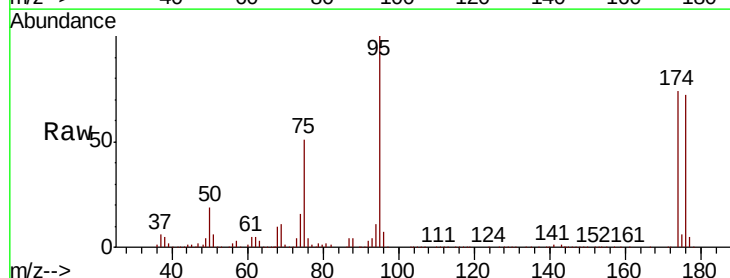
Tgt Ion: 95 Resp: 156365

Ion Ratio Lower Upper

95 100

174 78.9 0.0 159.6

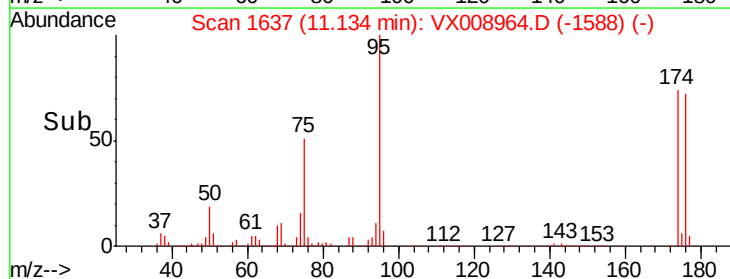
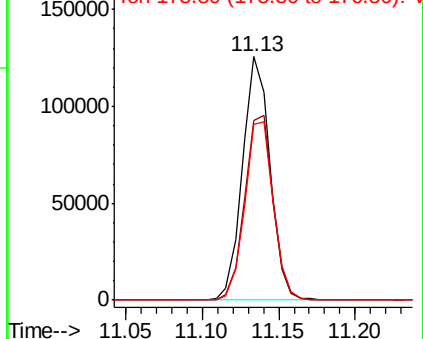
176 76.3 0.0 154.8

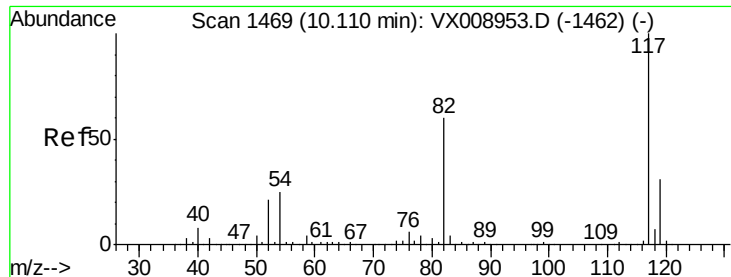


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

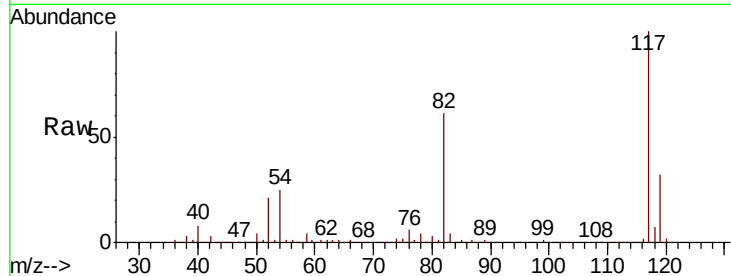




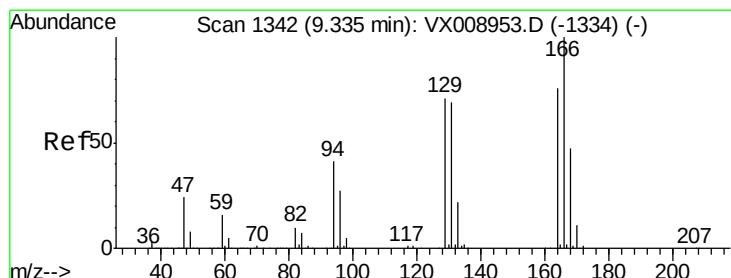
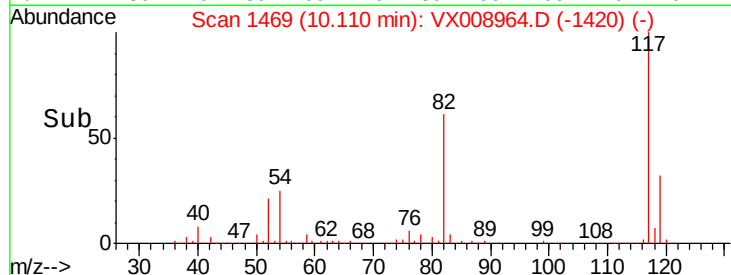
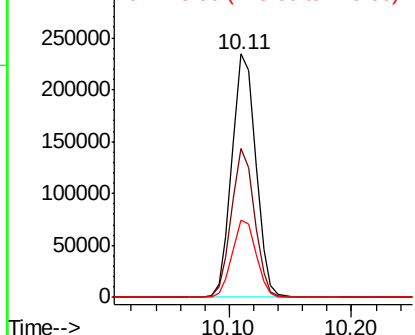
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008964.D
Acq: 15 Apr 2019 16:46

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 316961
Ion Ratio Lower Upper
117 100
82 61.0 48.2 72.4
119 31.6 25.0 37.6

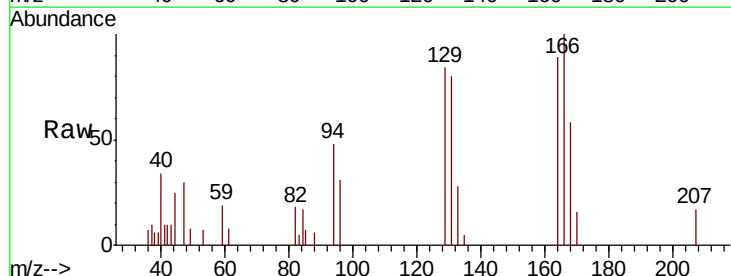


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

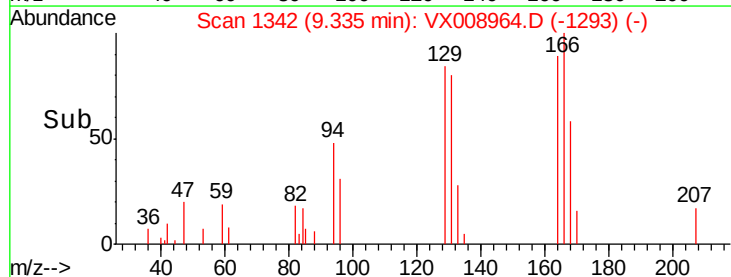
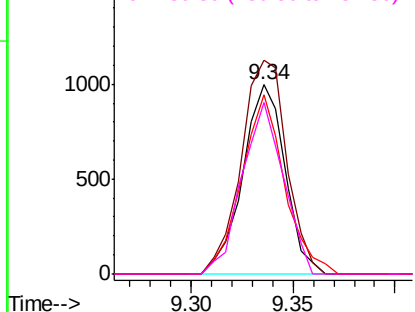


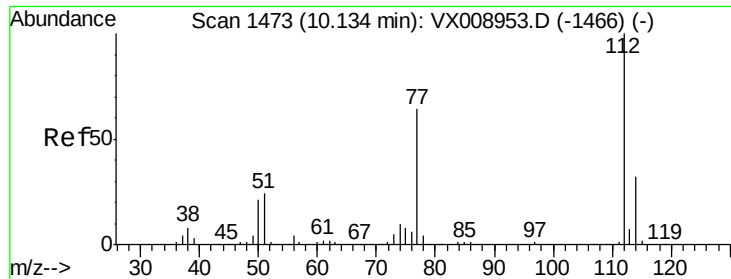
#64
Tetrachloroethene
Concen: 0.596 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008964.D
Acq: 15 Apr 2019 16:46

Tgt Ion:164 Resp: 1436
Ion Ratio Lower Upper
164 100
166 112.8 105.0 157.4
129 94.4 74.2 111.4
131 90.4 72.2 108.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

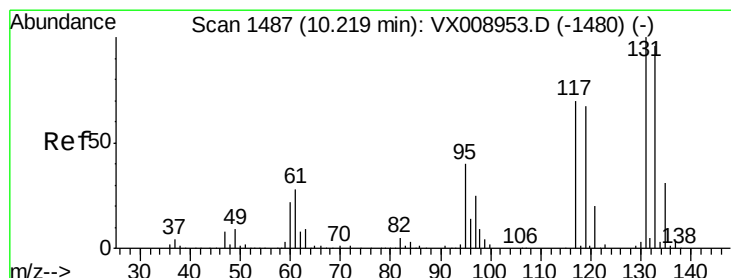
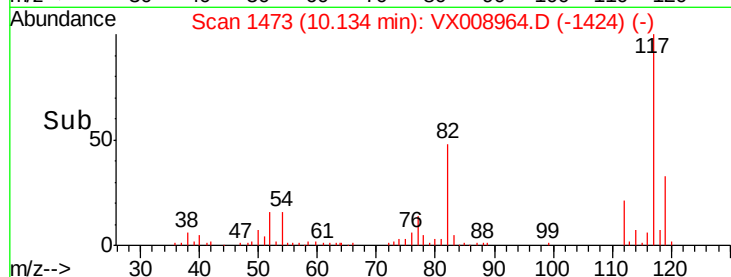
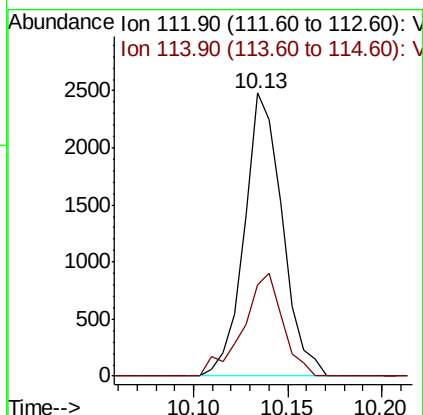
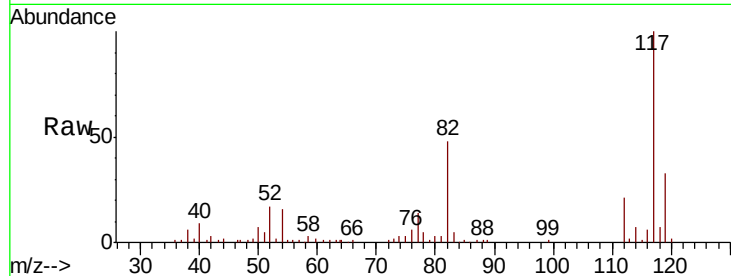




#65
Chlorobenzene
Concen: 0.517 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX008964.D
Acq: 15 Apr 2019 16:46

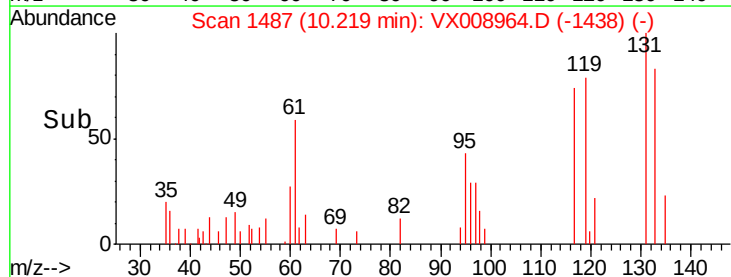
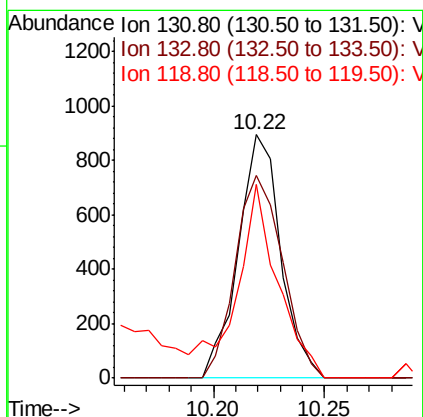
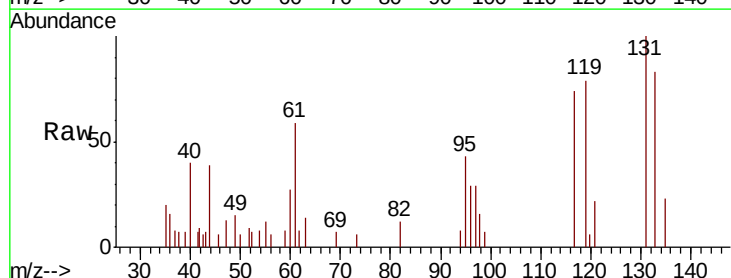
Instrument :
MSVOA_X
ClientSampled :

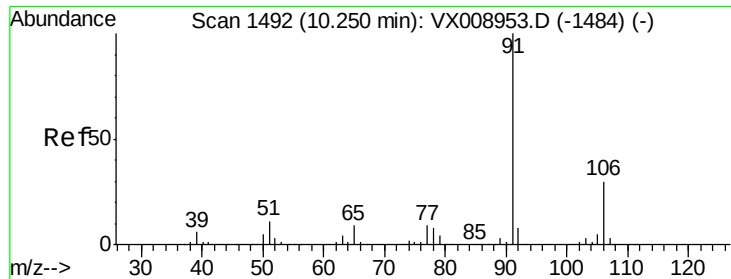
Tot Ion:112 Resp: 3459
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 0.505 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008964.D
Acq: 15 Apr 2019 16:46

Tgt Ion:131 Resp: 1191
Ion Ratio Lower Upper
131 100
133 92.7 48.0 144.2
119 0.0 33.7 101.1#

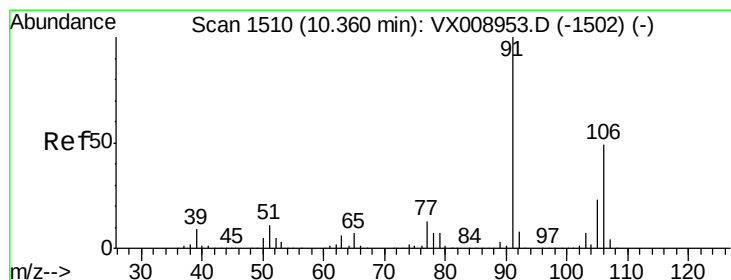
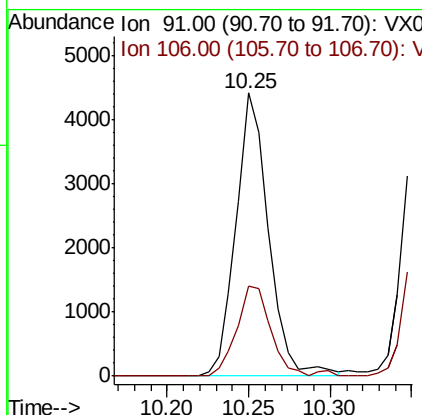
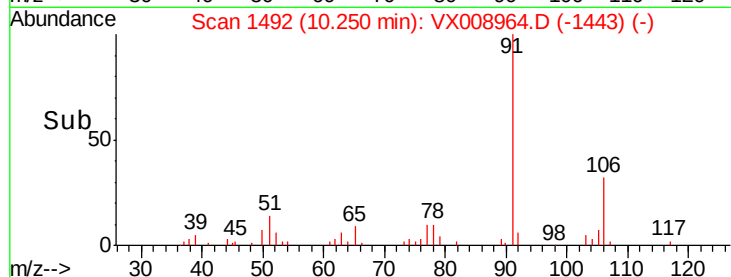
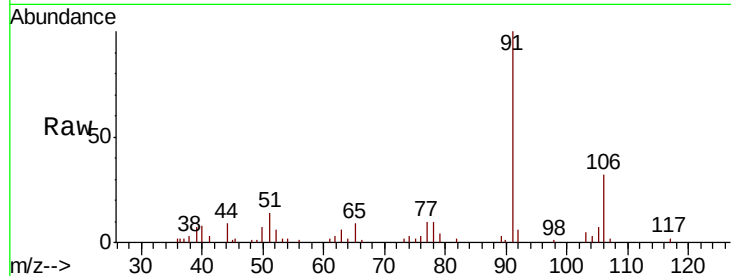




#67
Ethyl Benzene
Concen: 0.504 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008964.D
Acq: 15 Apr 2019 16:46

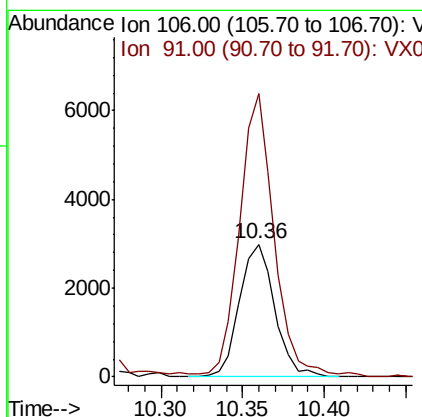
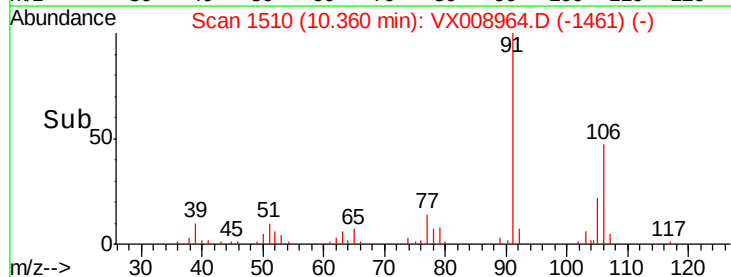
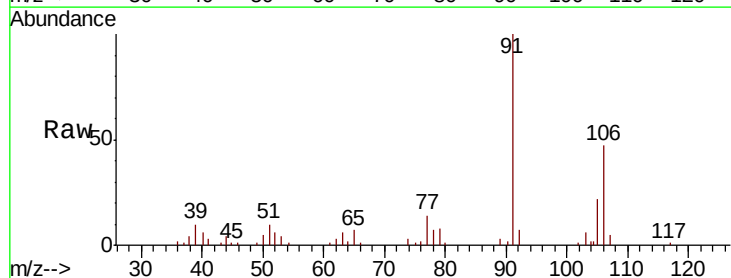
Instrument :
MSVOA_X
ClientSampleId :

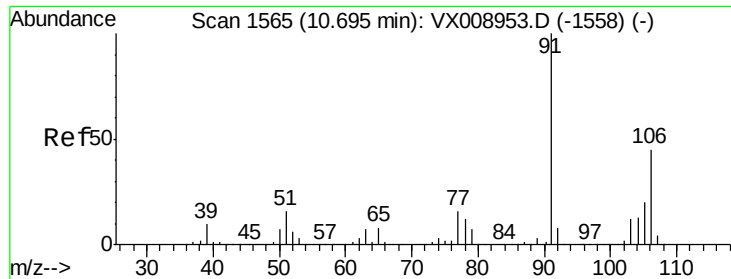
Tot Ion: 91 Resp: 6167
Ion Ratio Lower Upper
91 100
106 32.0 24.3 36.5



#68
m/p-Xylenes
Concen: 1.012 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008964.D
Acq: 15 Apr 2019 16:46

Tgt Ion: 106 Resp: 4496
Ion Ratio Lower Upper
106 100
91 210.9 165.4 248.2

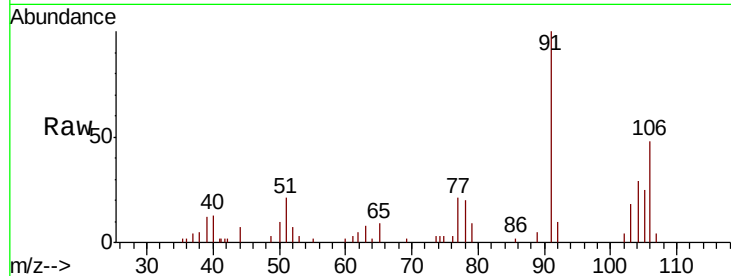




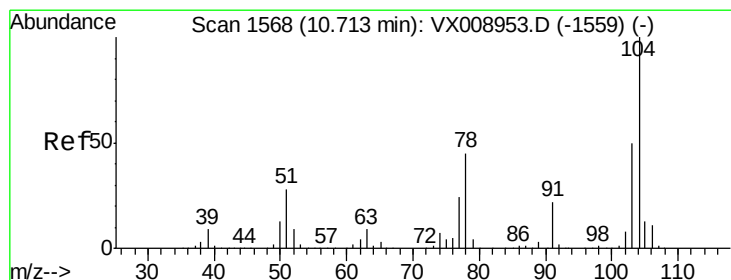
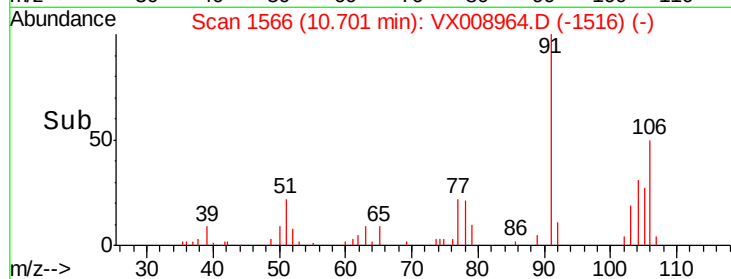
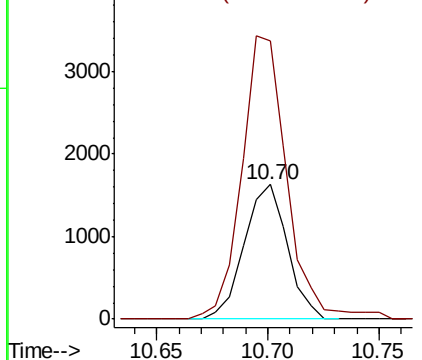
#69
o-Xylene
Concen: 0.507 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX008964.D
Acq: 15 Apr 2019 16:46

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 2194
Ion Ratio Lower Upper
106 100
91 221.3 108.9 326.7

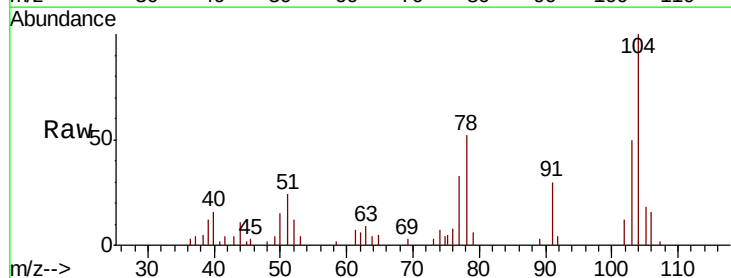


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

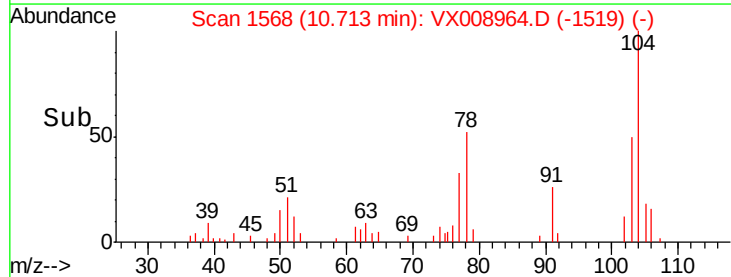
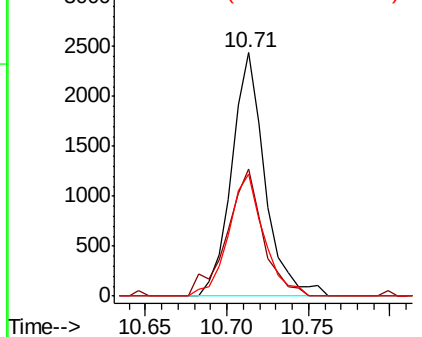


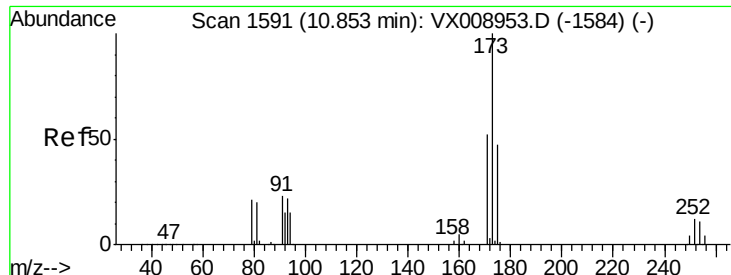
#70
Styrene
Concen: 0.461 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008964.D
Acq: 15 Apr 2019 16:46

Tgt Ion:104 Resp: 3452
Ion Ratio Lower Upper
104 100
78 56.3 41.2 61.8
103 53.2 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

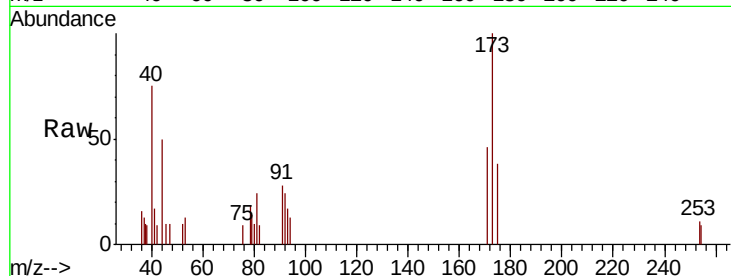




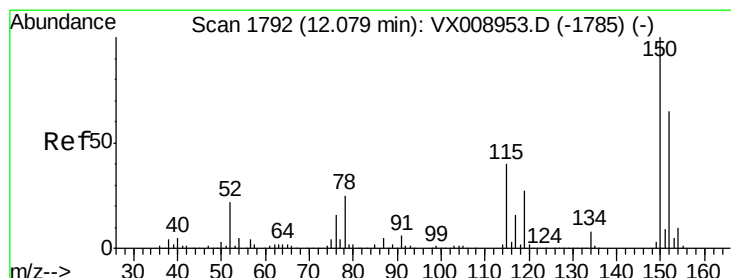
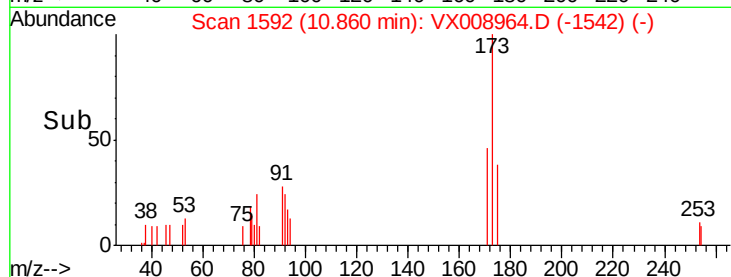
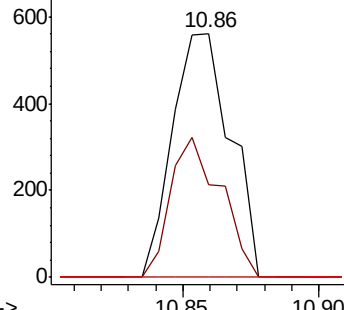
#71
Bromoform
Concen: 0.442 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.01 min
Lab File: VX008964.D
Acq: 15 Apr 2019 16:46

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 830
Ion Ratio Lower Upper
173 100
175 49.6 23.9 71.8
254 0.0 0.2 0.4#

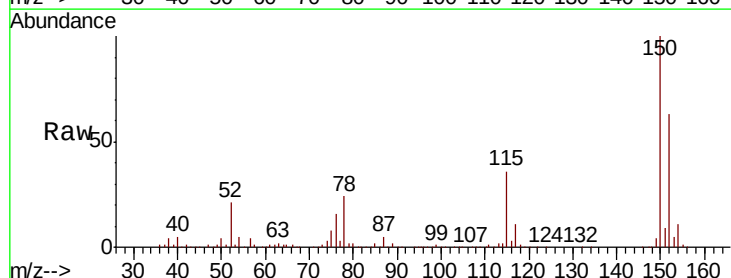


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

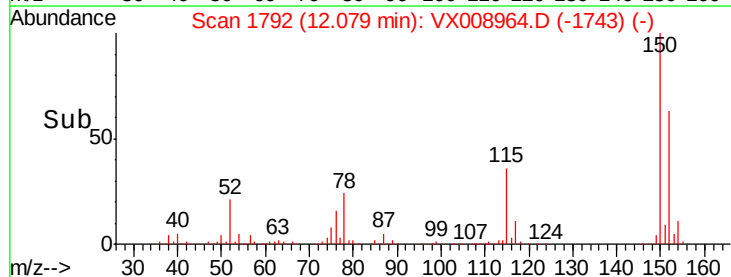
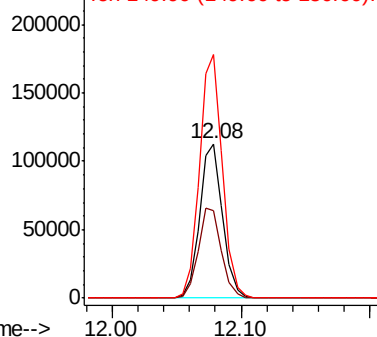


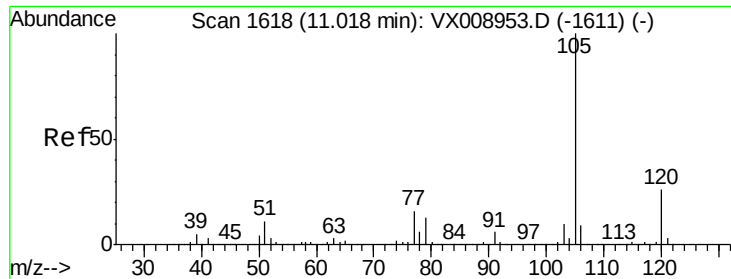
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008964.D
Acq: 15 Apr 2019 16:46

Tgt Ion:152 Resp: 139233
Ion Ratio Lower Upper
152 100
115 59.8 41.4 124.2
150 158.6 0.0 349.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.523 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008964.D

Acq: 15 Apr 2019 16:46

Instrument :

MSVOA_X

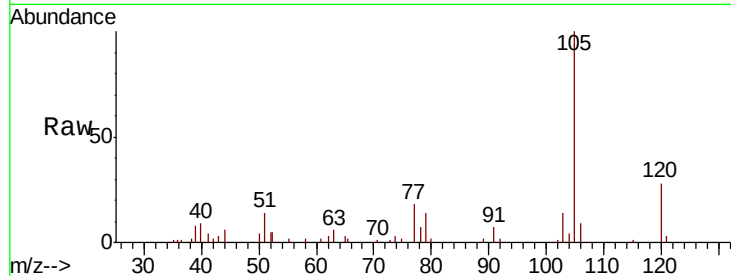
ClientSampleId :

Tot Ion:105 Resp: 5516

Ion Ratio Lower Upper

105 100

120 28.2 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

4000

3000

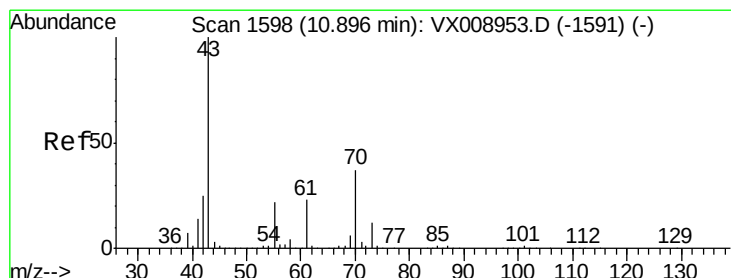
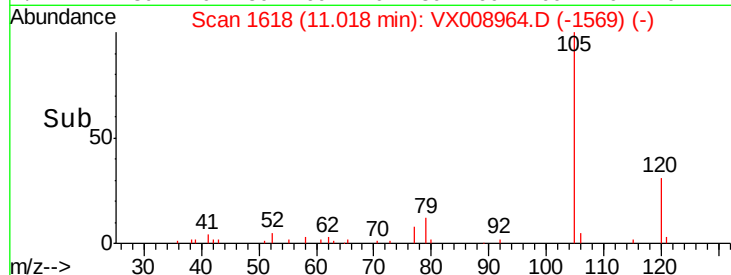
2000

1000

0

Time-->

10.95 11.00 11.05



#74

N-ethyl acetate

Concen: 0.511 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008964.D

Acq: 15 Apr 2019 16:46

Tgt Ion: 43 Resp: 3096

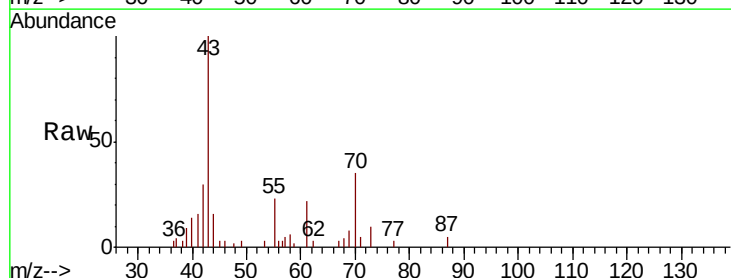
Ion Ratio Lower Upper

43 100

70 37.9 29.9 44.9

55 32.5 17.8 26.8#

61 23.3 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.90

3000

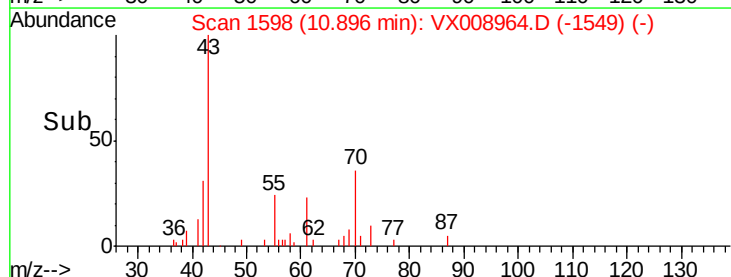
2000

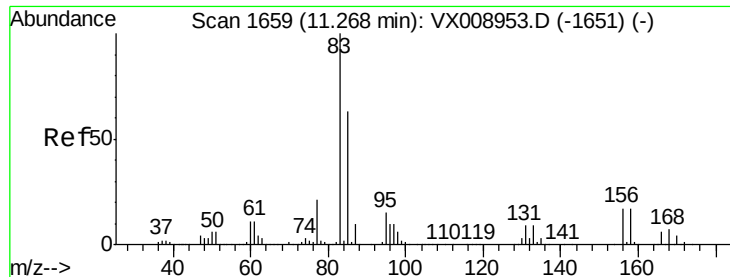
1000

0

Time-->

10.85 10.90 10.95





#75

1,1,2,2-Tetrachloroethane

Concen: 0.562 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008964.D

Acq: 15 Apr 2019 16:46

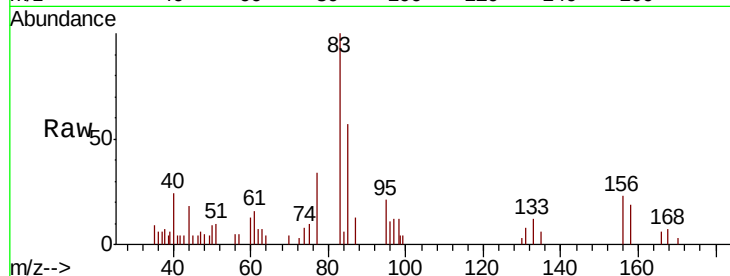
Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 83 Resp: 2169

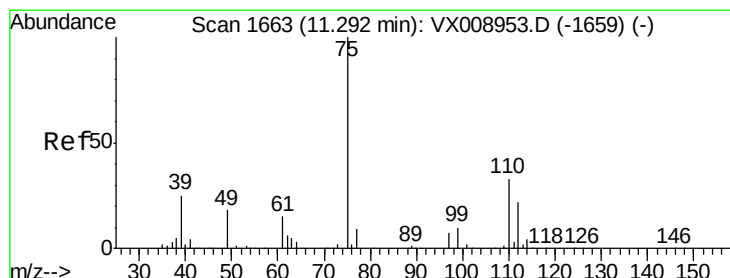
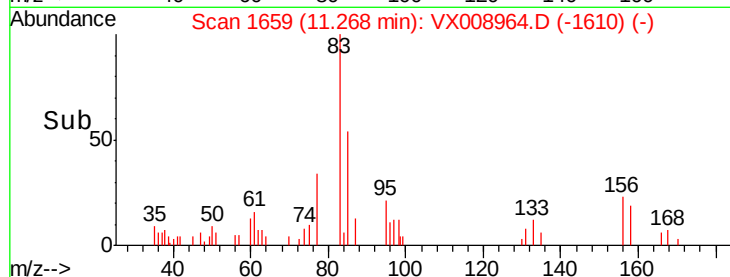
Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.7	14.0
85	62.1	31.9	95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 0.770 ug/l

RT: 11.30 min Scan# 1664

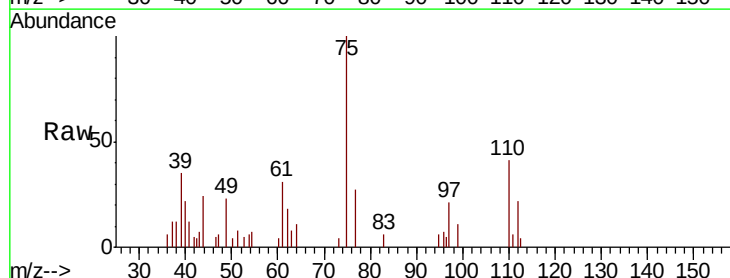
Delta R.T. 0.01 min

Lab File: VX008964.D

Acq: 15 Apr 2019 16:46

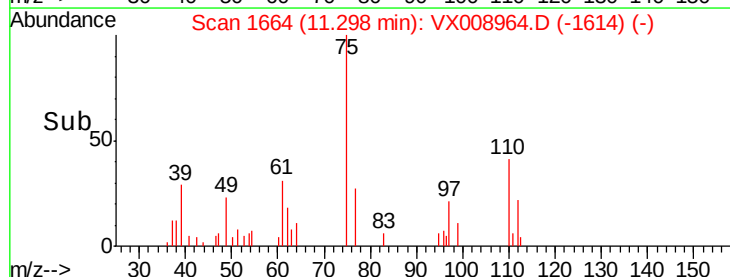
Tgt Ion: 75 Resp: 2619

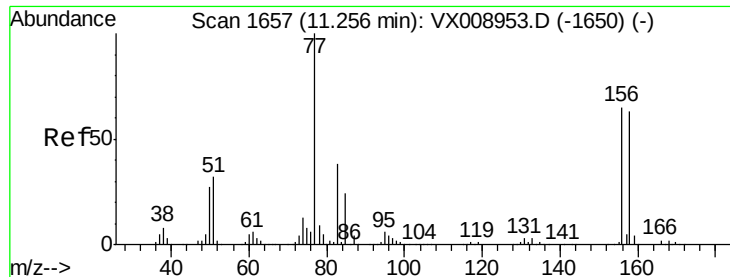
Ion	Ratio	Lower	Upper
75	100		
77	33.7	22.7	68.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 0.569 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008964.D

Acq: 15 Apr 2019 16:46

Instrument :

MSVOA_X

ClientSampled :

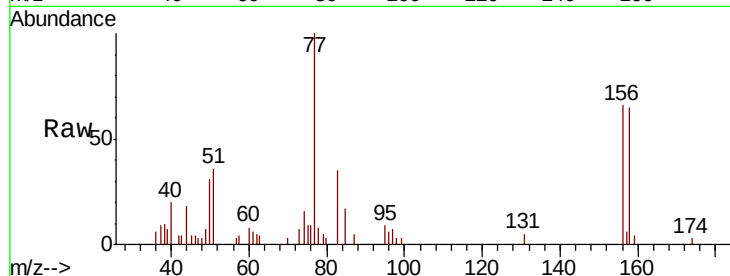
Tot Ion:156 Resp: 1516

Ion Ratio Lower Upper

156 100

77 178.8 85.4 256.1

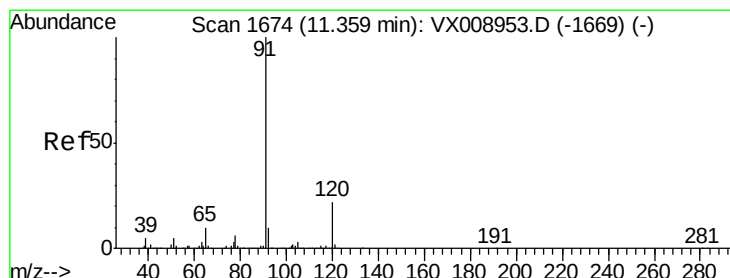
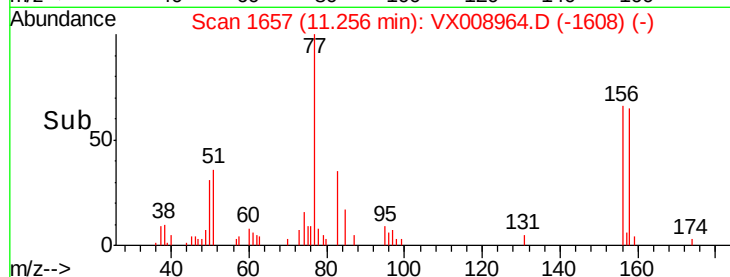
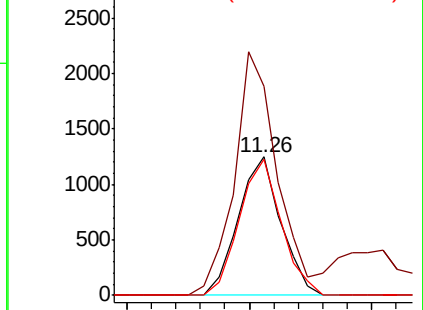
158 96.9 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.515 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008964.D

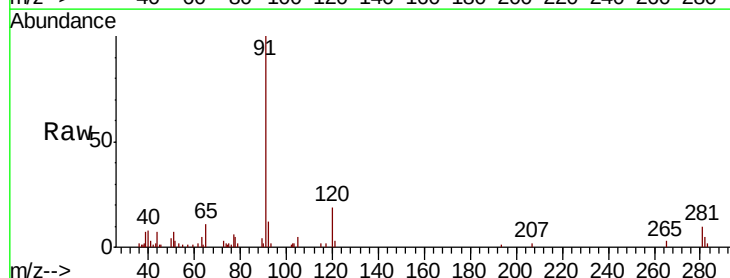
Acq: 15 Apr 2019 16:46

Tgt Ion: 91 Resp: 6243

Ion Ratio Lower Upper

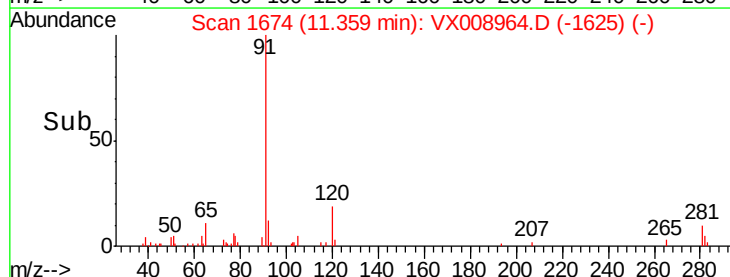
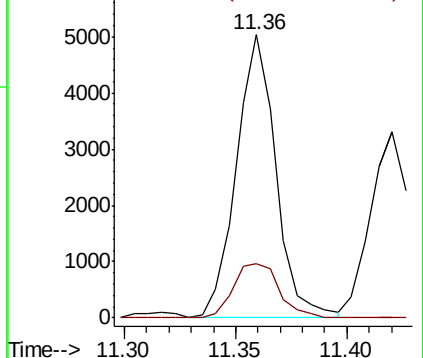
91 100

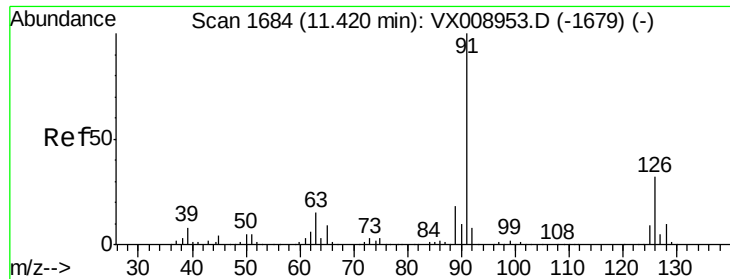
120 22.2 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.590 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008964.D

Acq: 15 Apr 2019 16:46

Instrument :

MSVOA_X

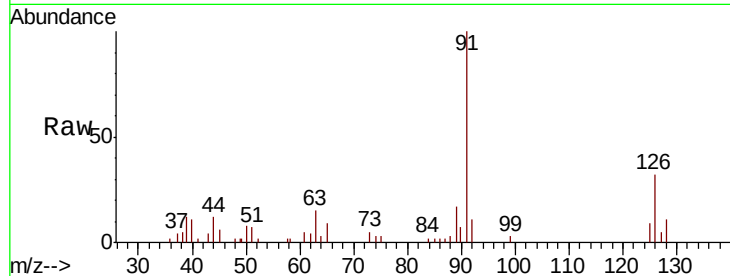
ClientSampled :

Tot Ion: 91 Resp: 4310

Ion Ratio Lower Upper

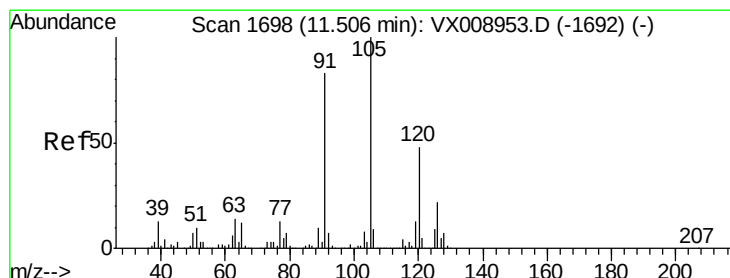
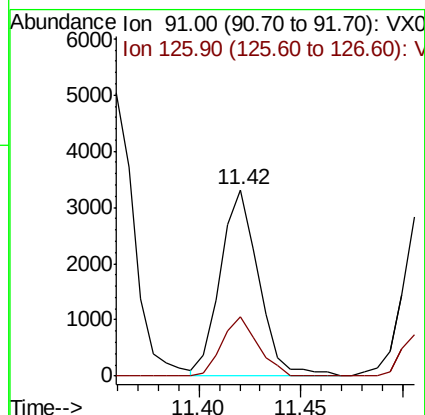
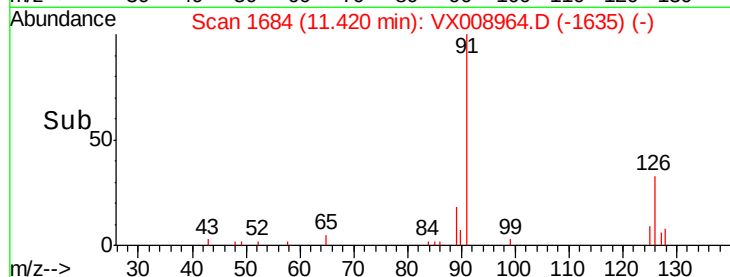
91 100

126 29.7 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX008953.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX008953.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.503 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008964.D

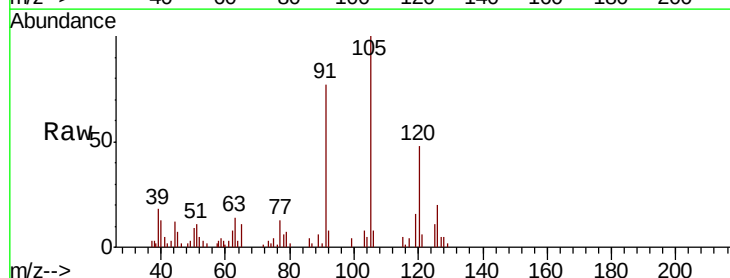
Acq: 15 Apr 2019 16:46

Tgt Ion: 105 Resp: 4457

Ion Ratio Lower Upper

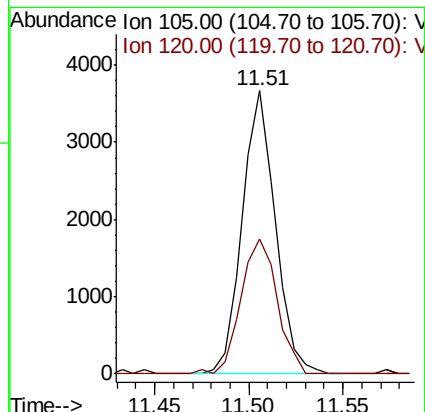
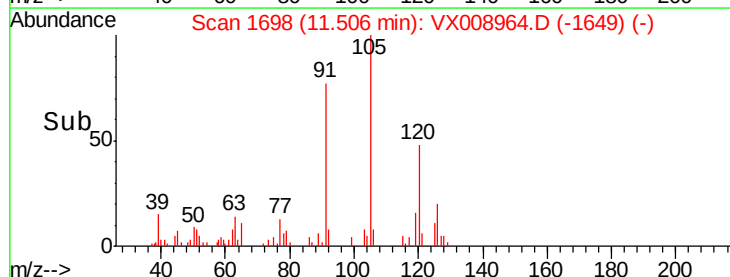
105 100

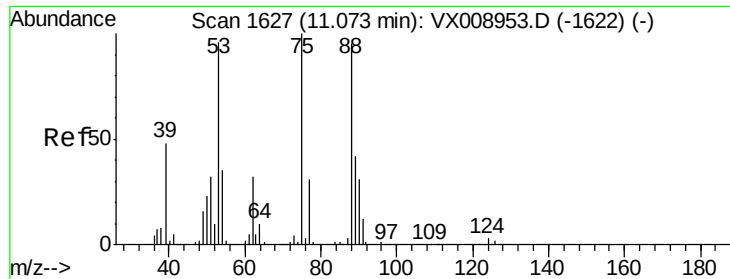
120 52.1 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX008953.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX008953.D (-1692) (-)

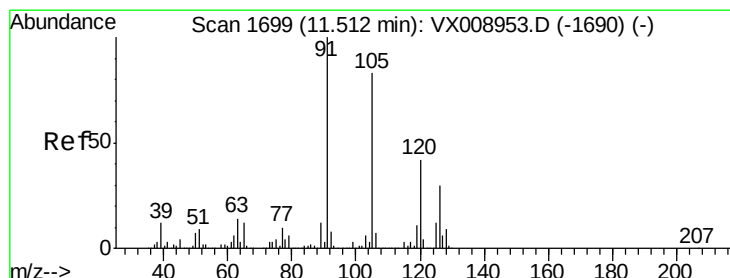
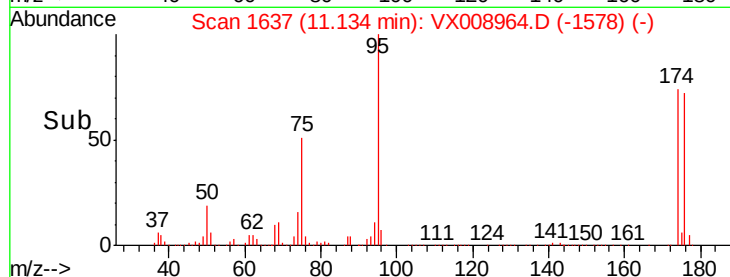
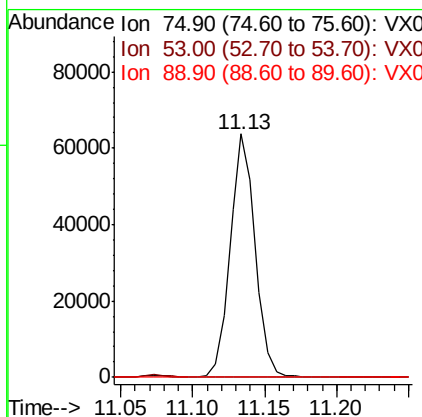
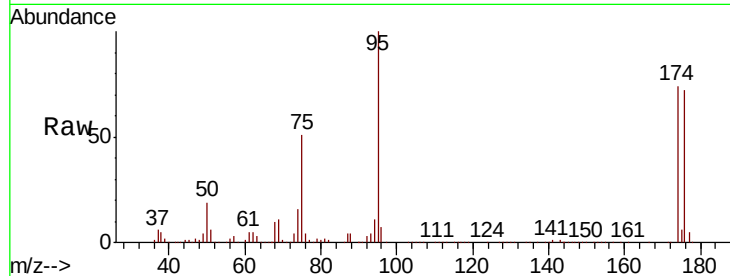




#81
trans-1,4-Dichloro-2-butene
Concen: 58.522 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX008964.D
Acq: 15 Apr 2019 16:46

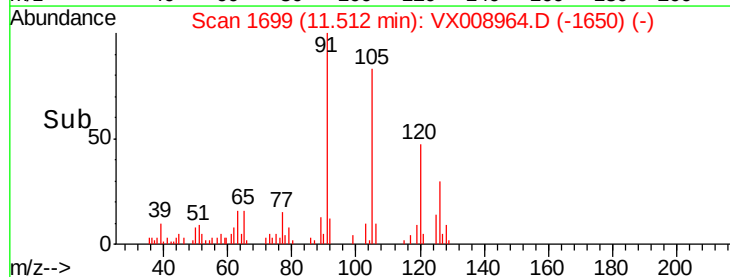
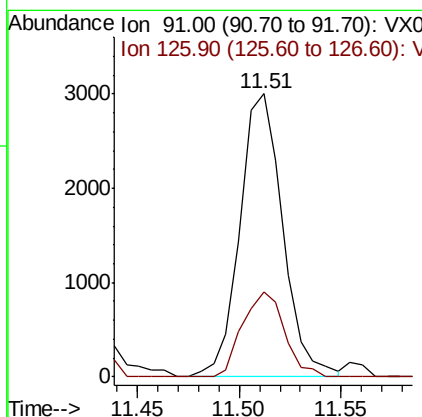
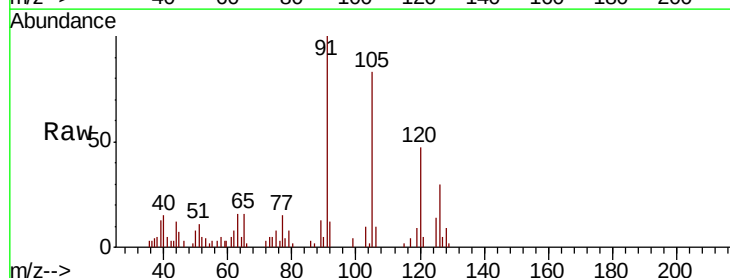
Instrument :
MSVOA_X
ClientSampled :

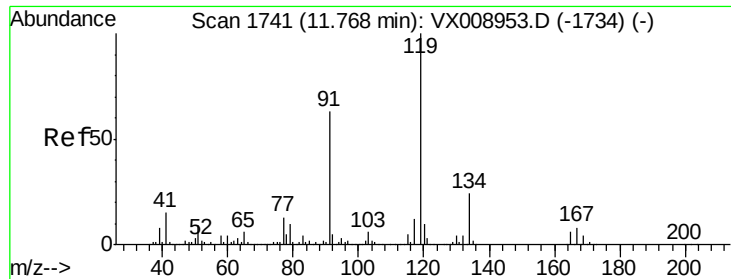
Tot Ion: 75 Resp: 77499
Ion Ratio Lower Upper
75 100
53 0.2 78.2 117.4#
89 0.0 36.0 54.0#



#82
4-Chlorotoluene
Concen: 0.519 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX008964.D
Acq: 15 Apr 2019 16:46

Tgt Ion: 91 Resp: 4399
Ion Ratio Lower Upper
91 100
126 29.2 14.3 42.9

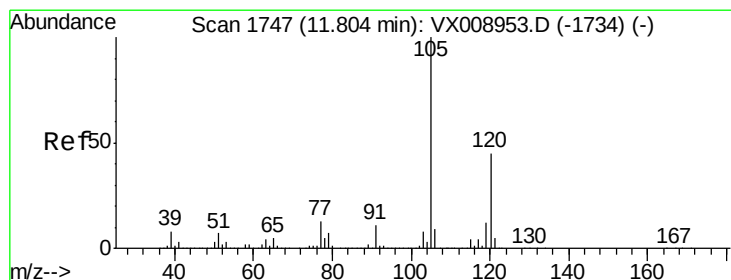
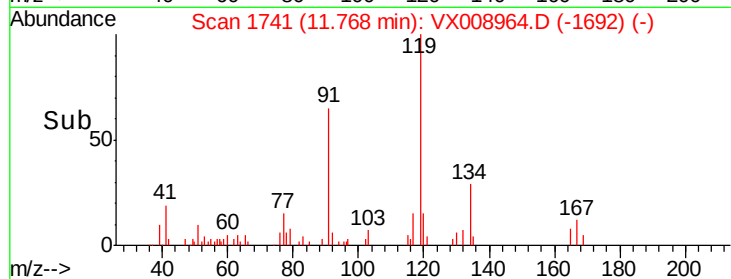
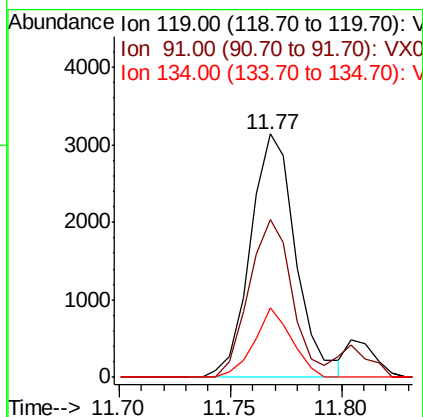
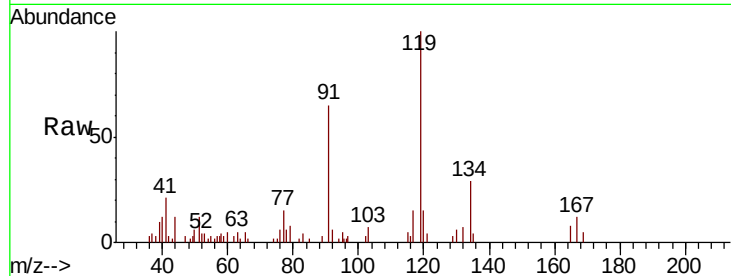




#83
tert-Butylbenzene
Concen: 0.523 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008964.D
Acq: 15 Apr 2019 16:46

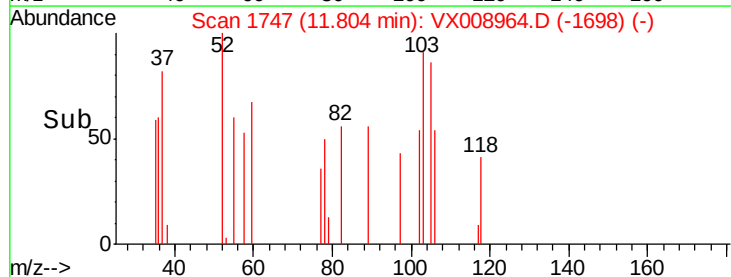
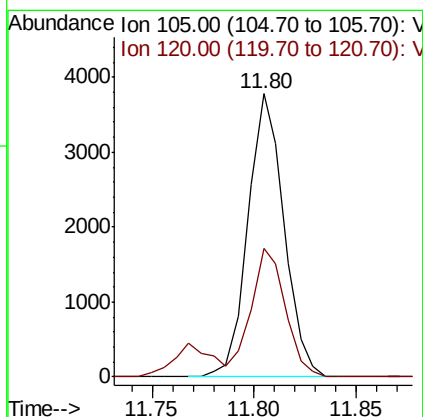
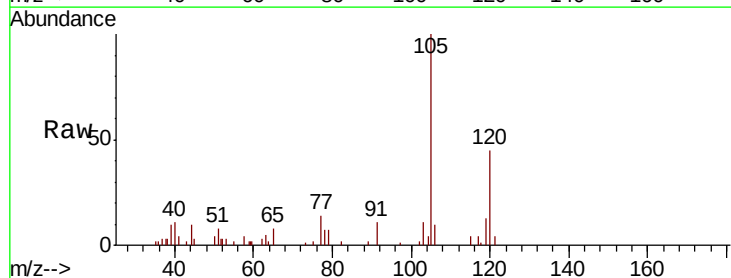
Instrument :
MSVOA_X
ClientSampleId :

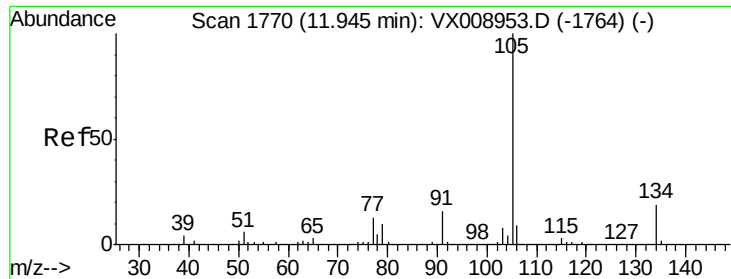
Tot Ion:119 Resp: 4449
Ion Ratio Lower Upper
119 100
91 62.0 29.7 89.1
134 23.6 11.2 33.5



#84
1,2,4-Trimethylbenzene
Concen: 0.515 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX008964.D
Acq: 15 Apr 2019 16:46

Tgt Ion:105 Resp: 4639
Ion Ratio Lower Upper
105 100
120 43.6 21.9 65.8





#85

sec-Butylbenzene

Concen: 0.501 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008964.D

Acq: 15 Apr 2019 16:46

Instrument :

MSVOA_X

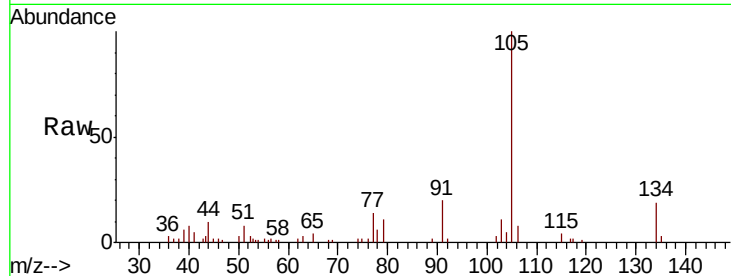
ClientSampleId :

Tot Ion:105 Resp: 5079

Ion Ratio Lower Upper

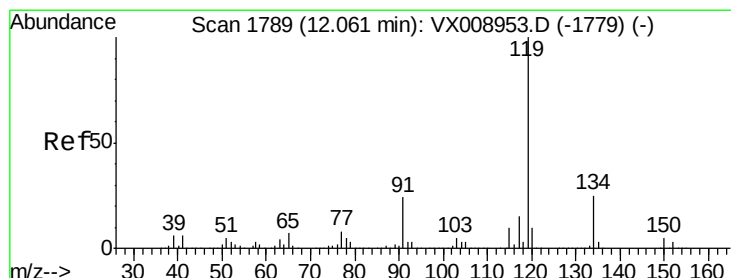
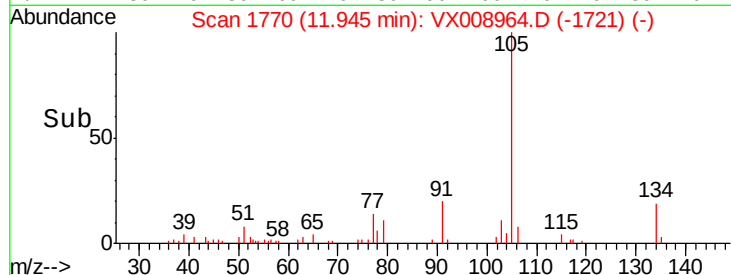
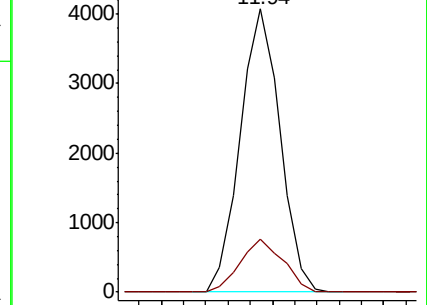
105 100

134 20.3 9.6 28.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.500 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX008964.D

Acq: 15 Apr 2019 16:46

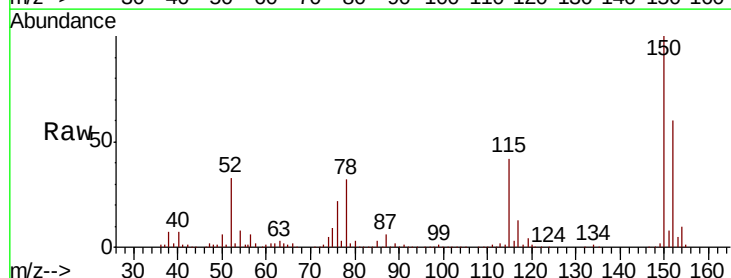
Tgt Ion:119 Resp: 4660

Ion Ratio Lower Upper

119 100

134 29.1 12.9 38.6

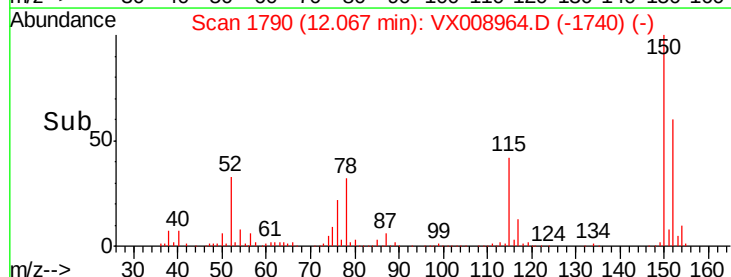
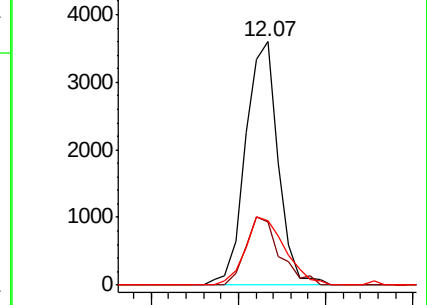
91 34.0 11.9 35.5

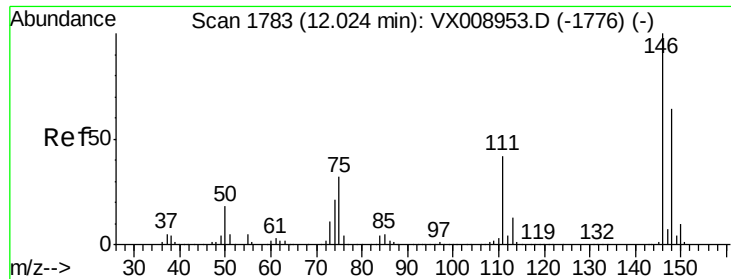


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 0.504 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX008964.D

Acq: 15 Apr 2019 16:46

Instrument :

MSVOA_X

ClientSampled :

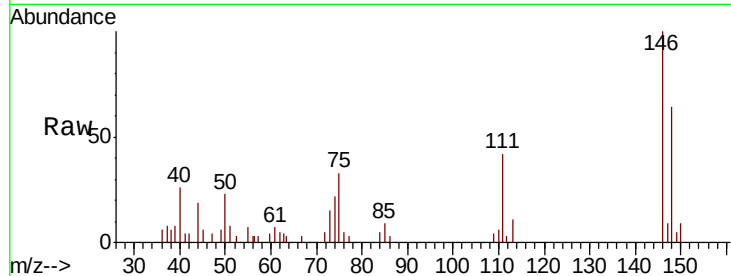
Tot Ion:146 Resp: 2350

Ion Ratio Lower Upper

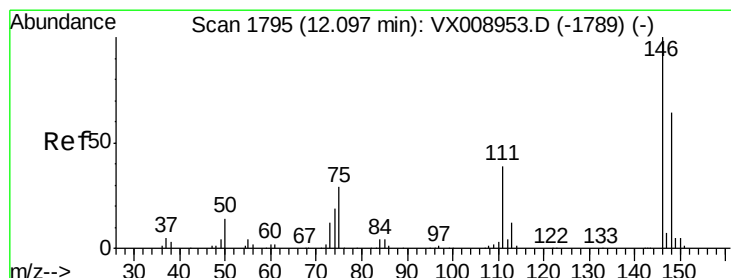
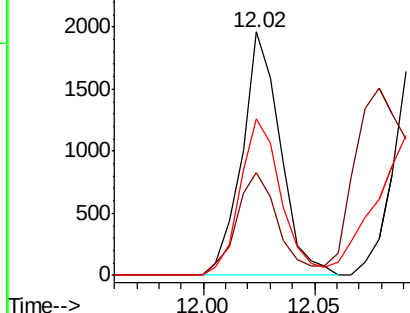
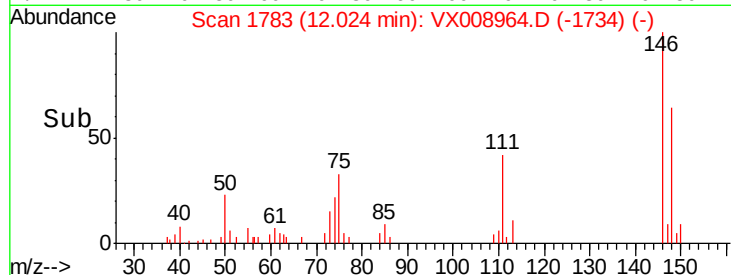
146 100

111 45.7 20.5 61.6

148 68.9 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 0.497 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.07 min

Lab File: VX008964.D

Acq: 15 Apr 2019 16:46

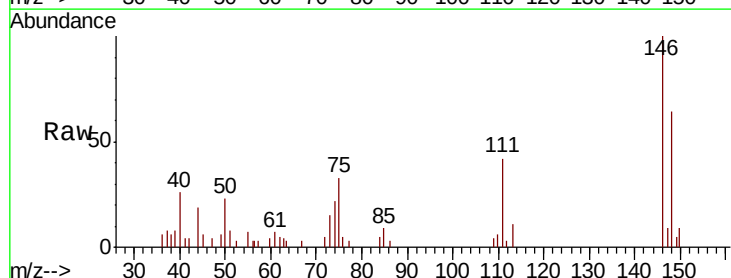
Tgt Ion:146 Resp: 2350

Ion Ratio Lower Upper

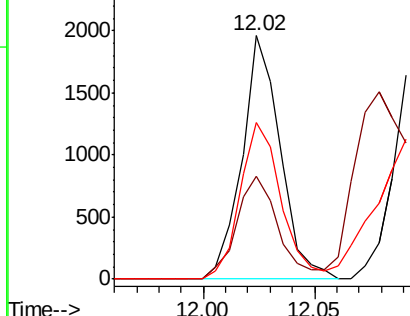
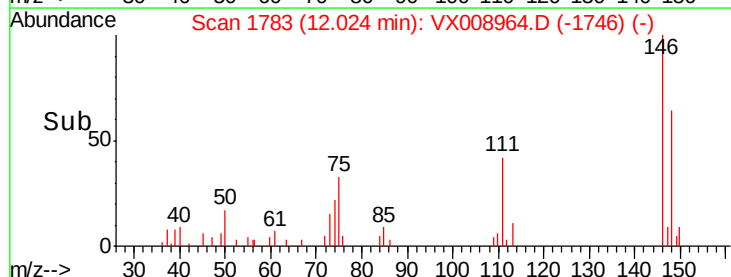
146 100

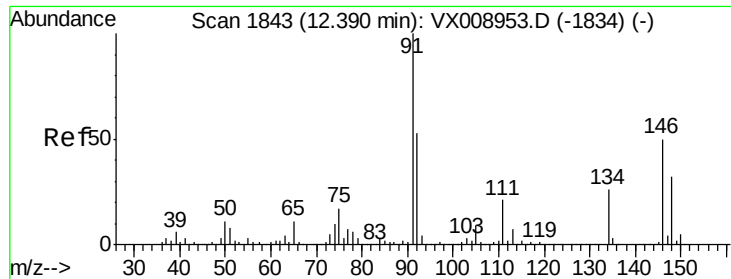
111 45.7 20.0 59.9

148 68.9 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 0.466 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX008964.D

Acq: 15 Apr 2019 16:46

Instrument :

MSVOA_X

ClientSampleId :

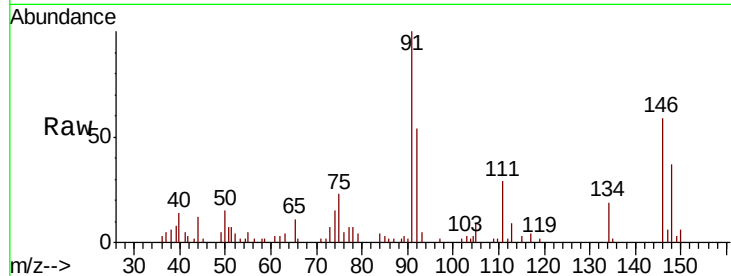
Tot Ion: 91 Resp: 4047

Ion Ratio Lower Upper

91 100

92 55.9 26.6 79.8

134 25.0 12.4 37.2

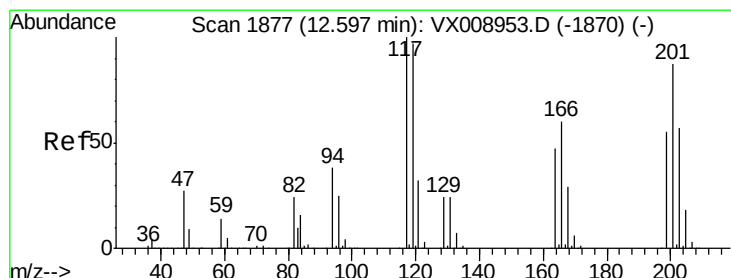
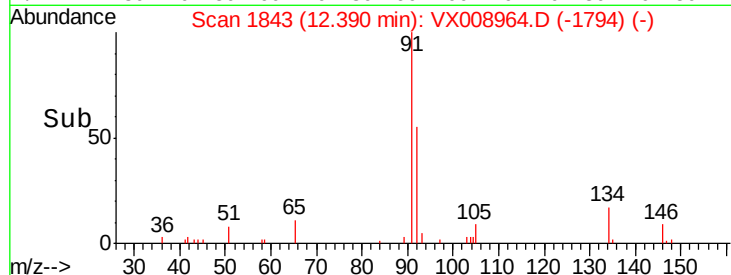


Abundance Ion 91.00 (90.70 to 91.70): VX008953.D (-1834) (-)

Ion 92.00 (91.70 to 92.70): VX008953.D (-1834) (-)

Ion 134.00 (133.70 to 134.70): VX008953.D (-1834) (-)

Time-->



#90

Hexachloroethane

Concen: 0.481 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX008964.D

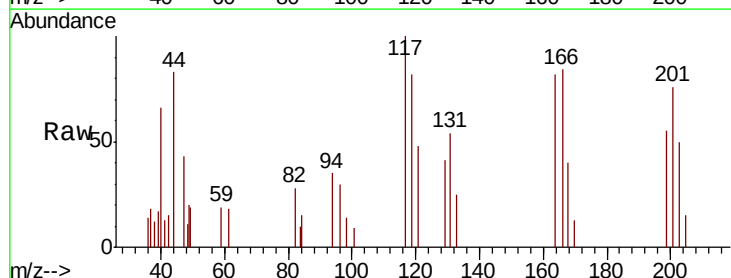
Acq: 15 Apr 2019 16:46

Tgt Ion: 117 Resp: 740

Ion Ratio Lower Upper

117 100

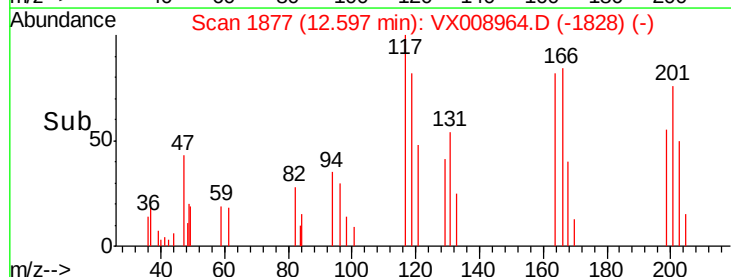
201 80.7 43.0 129.0

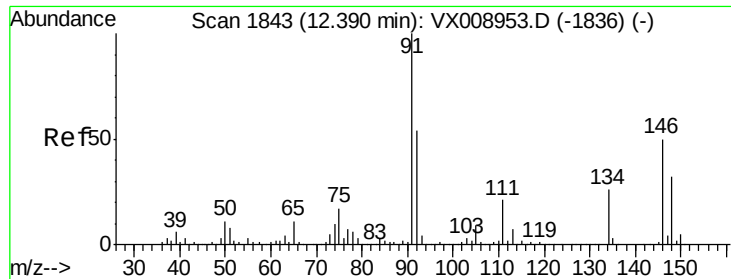


Abundance Ion 116.80 (116.50 to 117.50): VX008953.D (-1870) (-)

Ion 200.70 (200.40 to 201.40): VX008953.D (-1870) (-)

Time-->

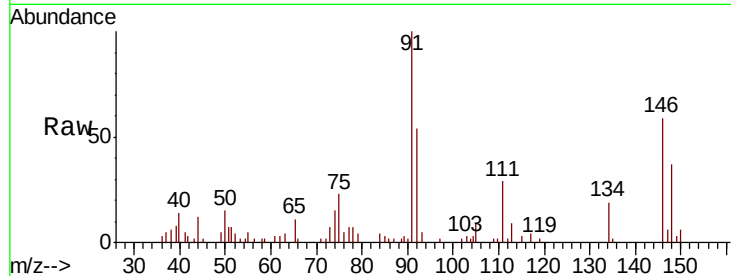




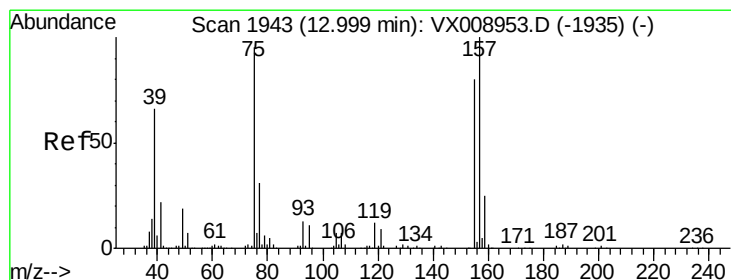
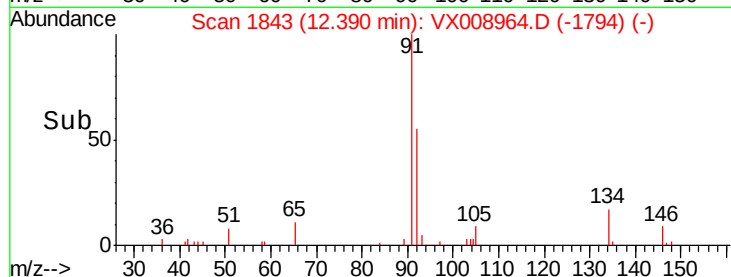
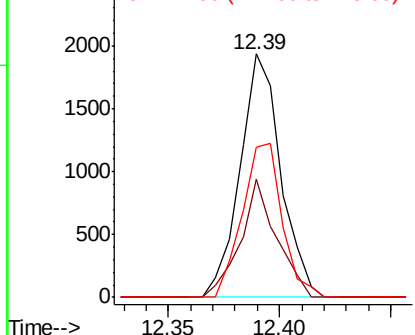
#91
 1,2-Dichlorobenzene
 Concen: 0.536 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008964.D
 Acq: 15 Apr 2019 16:46

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 2469
 Ion Ratio Lower Upper
 146 100
 111 43.1 20.6 61.9
 148 62.0 32.0 96.2

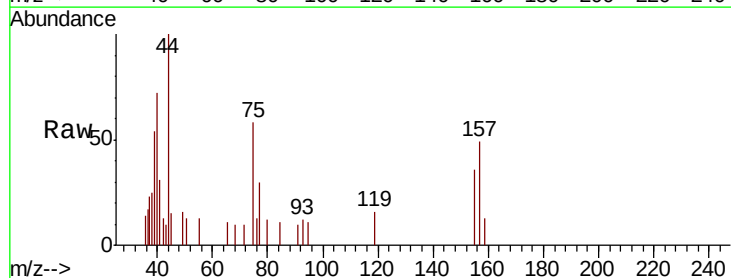


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

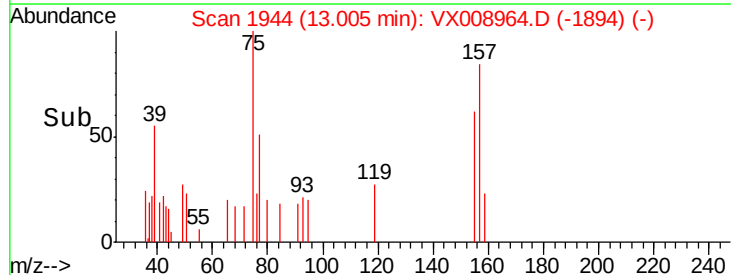
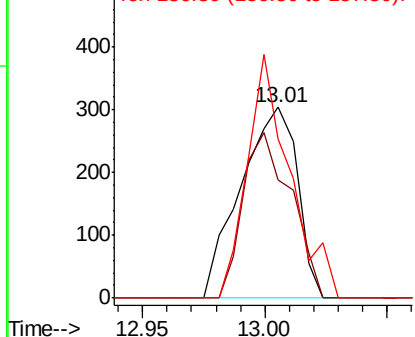


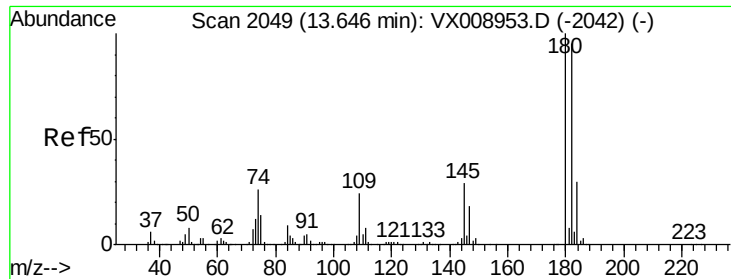
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.555 ug/l
 RT: 13.01 min Scan# 1944
 Delta R.T. 0.01 min
 Lab File: VX008964.D
 Acq: 15 Apr 2019 16:46

Tgt Ion: 75 Resp: 487
 Ion Ratio Lower Upper
 75 100
 155 73.5 41.2 123.6
 157 96.3 52.5 157.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

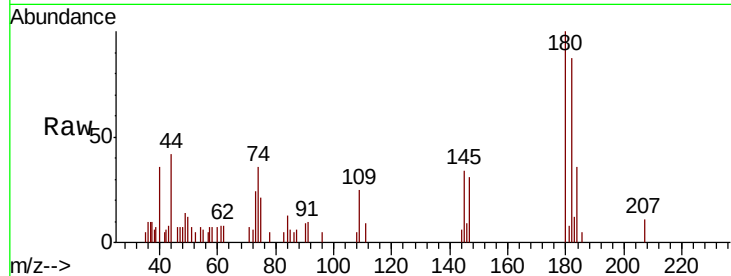




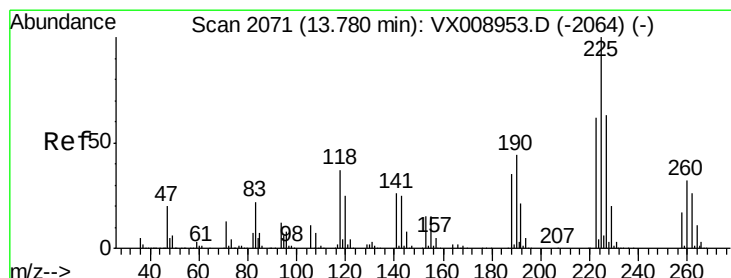
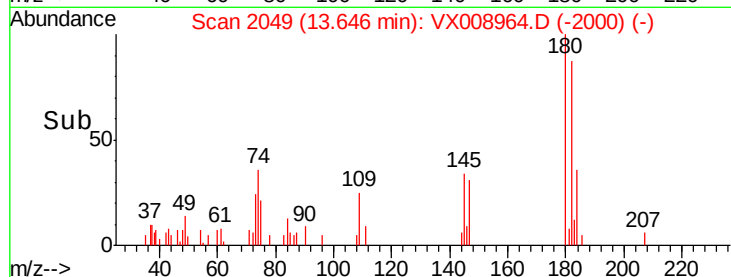
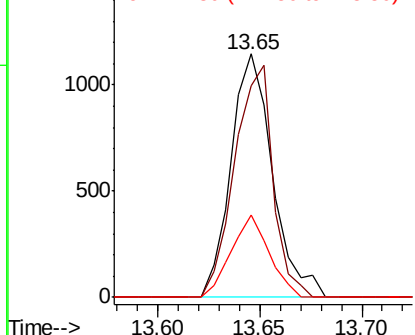
#93
 1,2,4-Trichlorobenzene
 Concen: 0.487 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008964.D
 Acq: 15 Apr 2019 16:46

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 1618
 Ion Ratio Lower Upper
 180 100
 182 88.1 47.6 142.9
 145 31.0 14.8 44.4

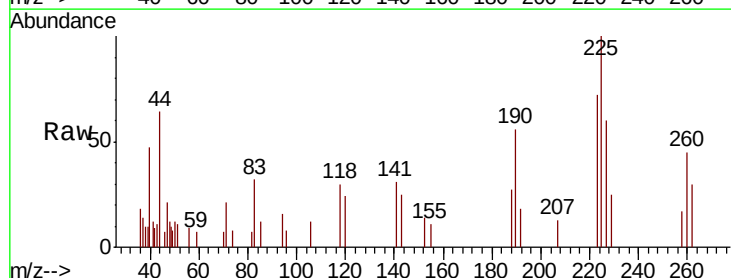


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

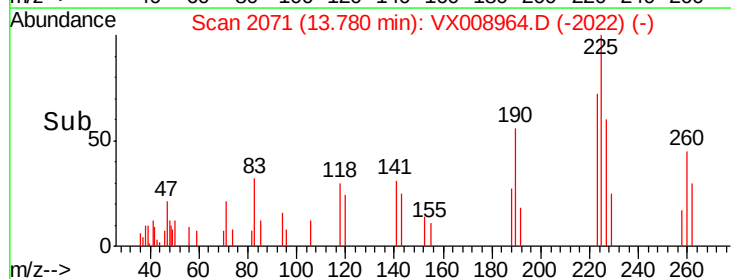
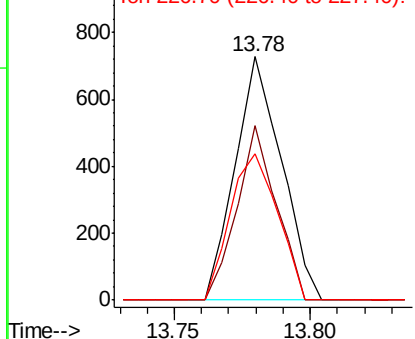


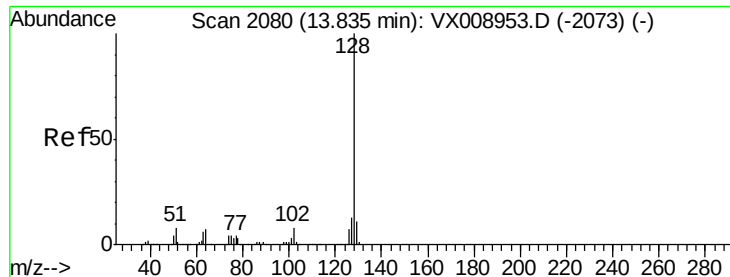
#94
 Hexachlorobutadiene
 Concen: 0.519 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008964.D
 Acq: 15 Apr 2019 16:46

Tgt Ion:225 Resp: 860
 Ion Ratio Lower Upper
 225 100
 223 60.9 31.1 93.2
 227 61.2 32.0 96.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 0.451 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008964.D

Acq: 15 Apr 2019 16:46

Instrument :

MSVOA_X

ClientSampleId :

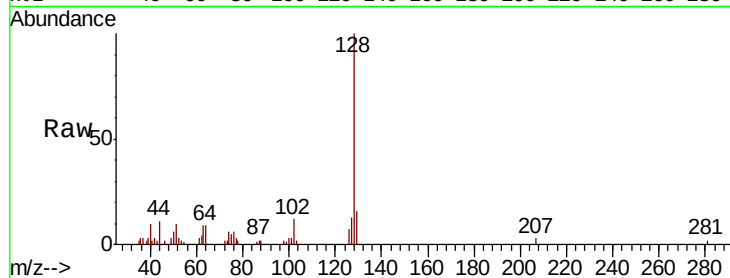
Tot Ion:128 Resp: 4802

Ion Ratio Lower Upper

128 100

127 15.1 10.6 16.0

129 12.7 8.6 13.0

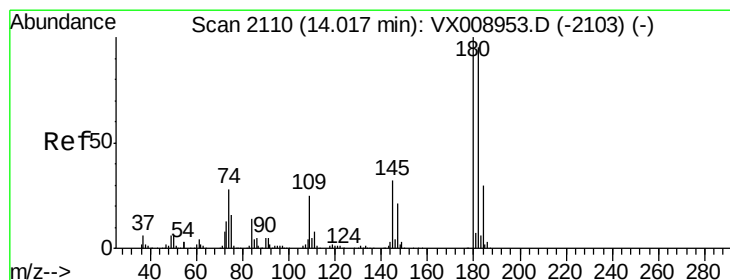
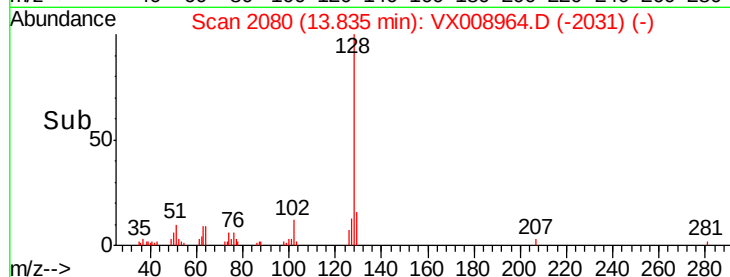
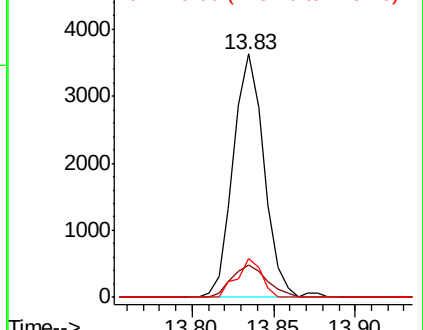


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.470 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.01 min

Lab File: VX008964.D

Acq: 15 Apr 2019 16:46

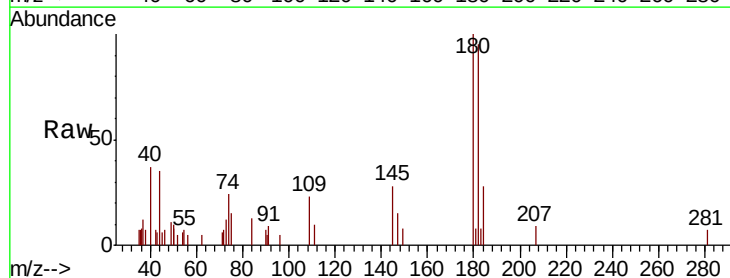
Tgt Ion:180 Resp: 1540

Ion Ratio Lower Upper

180 100

182 98.7 47.8 143.4

145 32.3 15.8 47.3



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

