

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061319\
 Data File : VX010267.D
 Acq On : 13 Jun 2019 09:57
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 14 03:31:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	314620	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	456846	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	414308	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	216334	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	135644	44.17	ug/l	0.00
Spiked Amount						
			Recovery	=	88.34%	
35) Dibromofluoromethane	5.49	113	138964	49.31	ug/l	0.00
Spiked Amount						
			Recovery	=	98.62%	
50) Toluene-d8	8.71	98	519373	49.18	ug/l	0.00
Spiked Amount						
			Recovery	=	98.36%	
62) 4-Bromofluorobenzene	11.13	95	192032	48.69	ug/l	0.00
Spiked Amount						
			Recovery	=	97.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	144560	49.935	ug/l	99
3) Chloromethane	1.32	50	131797	45.842	ug/l	98
4) Vinyl Chloride	1.41	62	143719	53.188	ug/l	98
5) Bromomethane	1.64	94	59740	58.588	ug/l	98
6) Chloroethane	1.71	64	84348	61.914	ug/l	97
7) Trichlorofluoromethane	1.92	101	223305	55.634	ug/l	98
8) Diethyl Ether	2.19	74	77762	56.210	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	2.38	101	132382	47.847	ug/l	92
10) Methyl Iodide	2.51	142	190624	44.468	ug/l	97
11) Tert butyl alcohol	3.05	59	168329	223.746	ug/l	100
12) 1,1-Dichloroethene	2.37	96	126113	44.626	ug/l #	77
13) Acrolein	2.29	56	39229	285.970	ug/l	96
14) Allyl chloride	2.73	41	189086	44.327	ug/l #	88
15) Acrylonitrile	3.14	53	360238	234.266	ug/l	98
16) Acetone	2.44	43	406426	281.373	ug/l #	89
17) Carbon Disulfide	2.57	76	330670	40.496	ug/l	99
18) Methyl Acetate	2.77	43	150337	47.326	ug/l #	85
19) Methyl tert-butyl Ether	3.19	73	415500	45.765	ug/l	94
20) Methylene Chloride	2.85	84	144155	45.443	ug/l #	77
21) trans-1,2-Dichloroethene	3.16	96	135992	43.484	ug/l #	78
22) Diisopropyl ether	3.85	45	389539	47.762	ug/l #	84
23) Vinyl Acetate	3.81	43	1720378	236.450	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	224911	45.420	ug/l	96
25) 2-Butanone	4.67	43	550398	255.892	ug/l #	82
26) 2,2-Dichloropropane	4.58	77	204084	45.176	ug/l	93
27) cis-1,2-Dichloroethene	4.59	96	162063	46.582	ug/l	79
28) Bromochloromethane	5.01	49	101737	45.842	ug/l #	49
29) Tetrahydrofuran	5.12	42	313980	232.277	ug/l #	76
30) Chloroform	5.21	83	239169	46.507	ug/l	99
31) Cyclohexane	5.57	56	206686	46.248	ug/l #	76
32) 1,1,1-Trichloroethane	5.49	97	216822	44.847	ug/l	93
36) 1,1-Dichloropropene	5.80	75	175695	47.139	ug/l	92
37) Ethyl Acetate	4.83	43	185400	47.808	ug/l #	93
38) Carbon Tetrachloride	5.78	117	199117	47.199	ug/l	99

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

39) Methylcyclohexane	7.46	83	242795	47.839	ug/l #	84
40) Benzene	6.13	78	557768	48.396	ug/l	98
41) Methacrylonitrile	5.04	41	100801	48.052	ug/l #	85
42) 1,2-Dichloroethane	6.18	62	170753	46.408	ug/l	93
43) Isopropyl Acetate	6.44	43	304805	47.009	ug/l #	89
44) Trichloroethene	7.21	130	167903	48.331	ug/l	88
45) 1,2-Dichloropropane	7.51	63	143185	49.637	ug/l	96
46) Dibromomethane	7.66	93	102524	47.440	ug/l	91
47) Bromodichloromethane	7.89	83	194308	48.117	ug/l	98
48) Methyl methacrylate	7.76	41	144467	47.641	ug/l #	76
49) 1,4-Dioxane	7.74	88	80686	933.253	ug/l #	78
51) 4-Methyl-2-Pentanone	8.64	43	976485	252.091	ug/l	90
52) Toluene	8.78	92	366758	48.411	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	218541	46.787	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	235095	46.949	ug/l #	87
55) 1,1,2-Trichloroethane	9.21	97	154817	49.898	ug/l	95
56) Ethyl methacrylate	9.18	69	239695	48.906	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	235598	48.232	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	535173	231.623	ug/l #	86
59) 2-Hexanone	9.49	43	796410	257.870	ug/l	88
60) Dibromochloromethane	9.58	129	181365	49.419	ug/l	99
61) 1,2-Dibromoethane	9.67	107	166540	48.194	ug/l	99
64) Tetrachloroethene	9.34	164	156866	50.978	ug/l	95
65) Chlorobenzene	10.13	112	425093	49.713	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	161102	48.991	ug/l	99
67) Ethyl Benzene	10.25	91	721234	49.546	ug/l	95
68) m/p-Xylenes	10.35	106	559574	99.338	ug/l	89
69) o-Xylene	10.69	106	276017	49.293	ug/l	88
70) Styrene	10.71	104	475179	50.105	ug/l	94
71) Bromoform	10.85	173	146882	48.587	ug/l #	99
73) Isopropylbenzene	11.02	105	734402	48.631	ug/l	95
74) N-amyl acetate	10.90	43	277606	46.503	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	240902	46.602	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	278502	64.362	ug/l	81
77) Bromobenzene	11.26	156	200887	48.373	ug/l	81
78) n-propylbenzene	11.36	91	829779	49.355	ug/l	95
79) 2-Chlorotoluene	11.42	91	481372	47.673	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	613395	48.225	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	89907	45.907	ug/l #	84
82) 4-Chlorotoluene	11.51	91	554614	48.352	ug/l	91
83) tert-Butylbenzene	11.77	119	624934	48.542	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	621144	48.346	ug/l	94
85) sec-Butylbenzene	11.94	105	743414	49.565	ug/l	96
86) p-Isopropyltoluene	12.06	119	686075	50.036	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	360862	49.333	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	356938	48.406	ug/l	98
89) n-Butylbenzene	12.38	91	592703	50.217	ug/l	97
90) Hexachloroethane	12.59	117	128786	47.150	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	349852	49.196	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	50490	41.506	ug/l	62

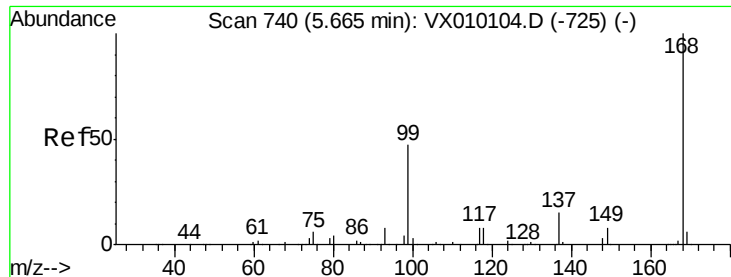
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061319\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	256184	49.214	ug/l	100
94) Hexachlorobutadiene	13.78	225	124770	53.895	ug/l	99
95) Naphthalene	13.83	128	787770	48.075	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	252853	49.127	ug/l	98

(#) = 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: VX010267.D

Acq: 13 Jun 2019 09:57

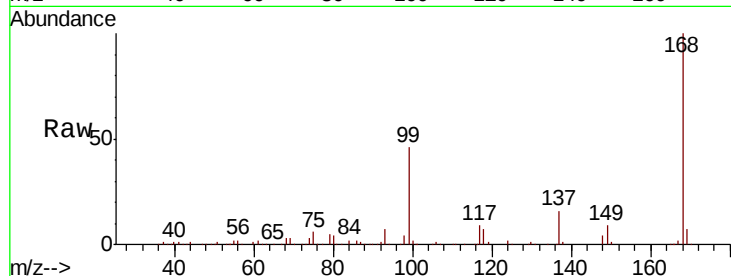
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 314620

Ion Ratio Lower Upper

168 100

99 45.7 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

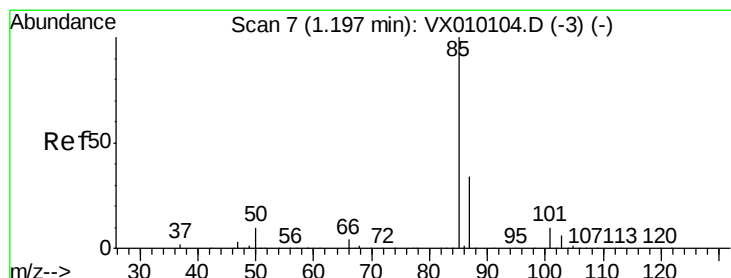
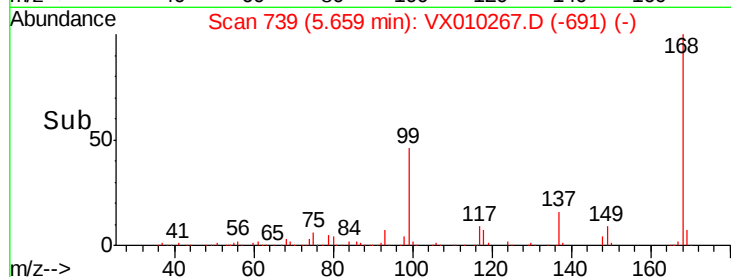
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 49.935 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010267.D

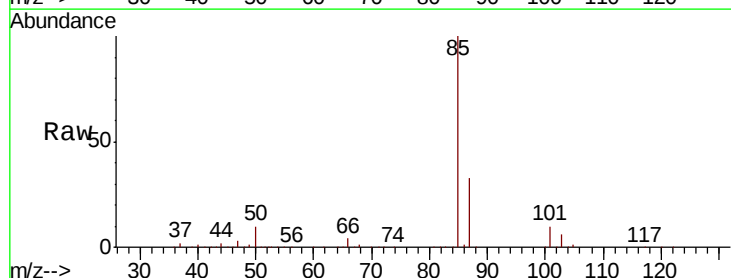
Acq: 13 Jun 2019 09:57

Tgt Ion: 85 Resp: 144560

Ion Ratio Lower Upper

85 100

87 32.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

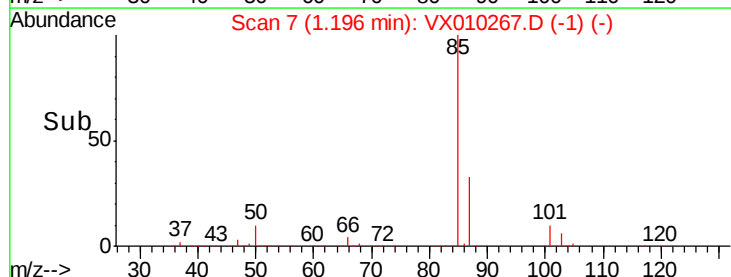
150000

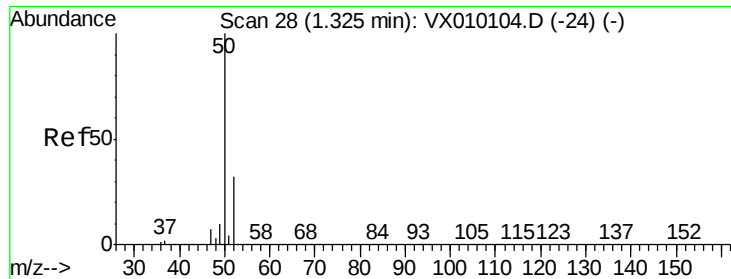
100000

50000

0

Time--> 1.10 1.20 1.30





#3

Chloromethane

Concen: 45.842 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

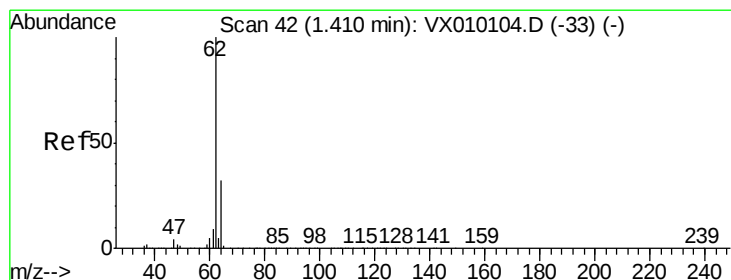
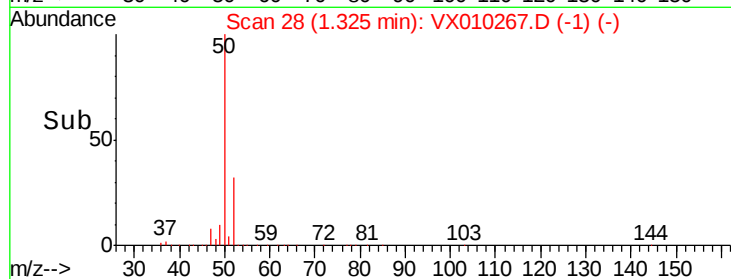
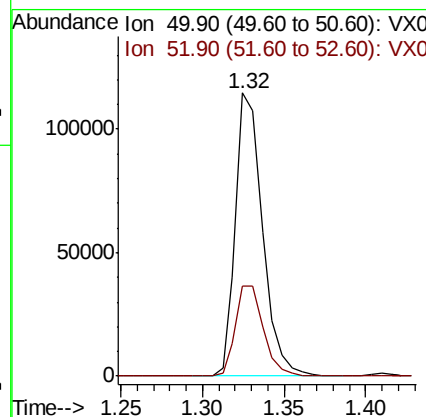
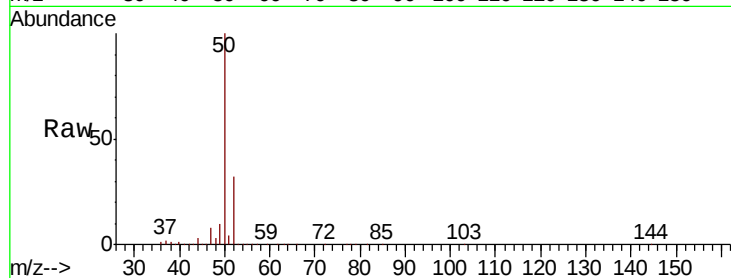
ClientSampled :

Tot Ion: 50 Resp: 131797

Ion Ratio Lower Upper

50 100

52 31.6 26.0 39.0



#4

Vinyl Chloride

Concen: 53.188 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010267.D

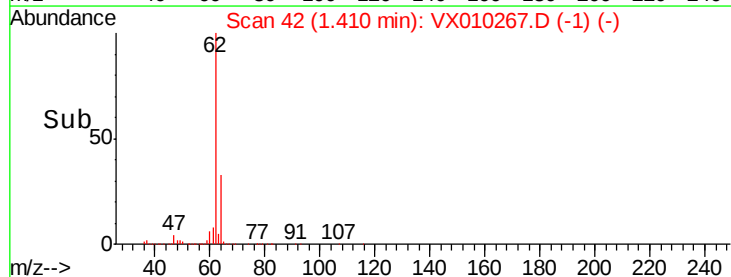
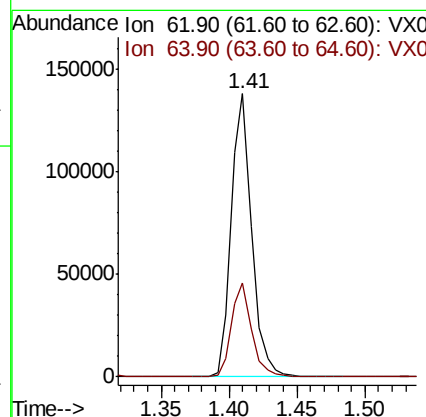
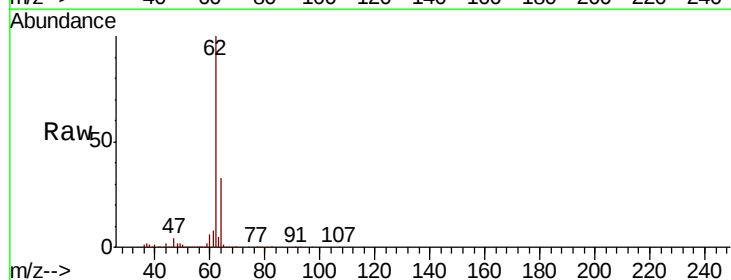
Acq: 13 Jun 2019 09:57

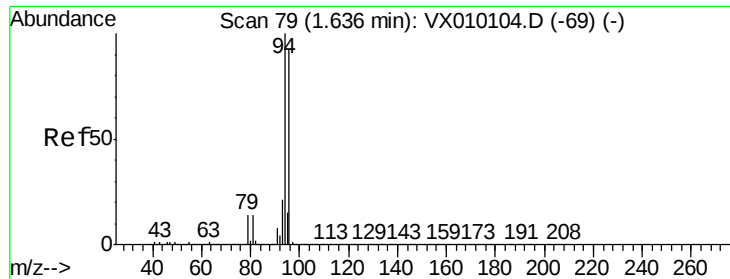
Tgt Ion: 62 Resp: 143719

Ion Ratio Lower Upper

62 100

64 33.2 25.7 38.5





#5

Bromomethane

Concen: 58.588 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

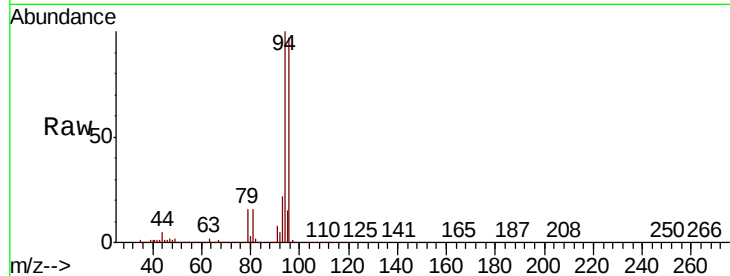
ClientSampleId :

Tot Ion: 94 Resp: 59740

Ion Ratio Lower Upper

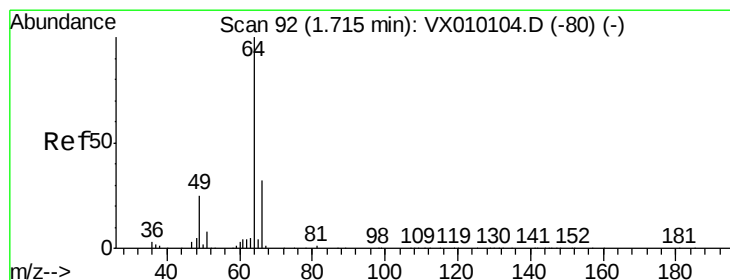
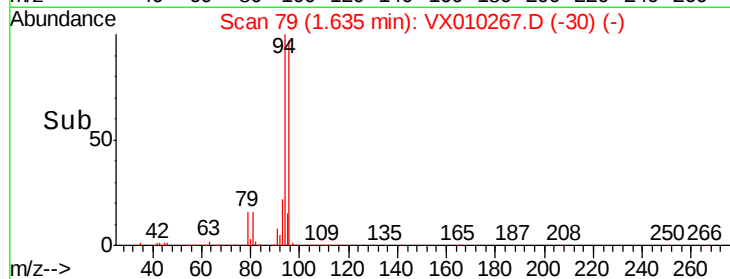
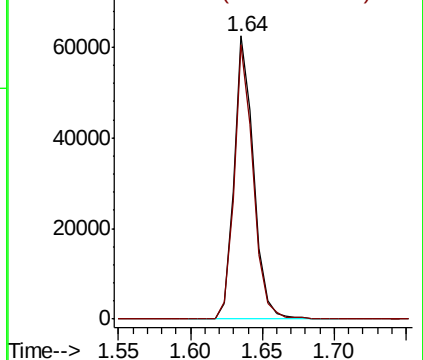
94 100

96 97.0 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 61.914 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010267.D

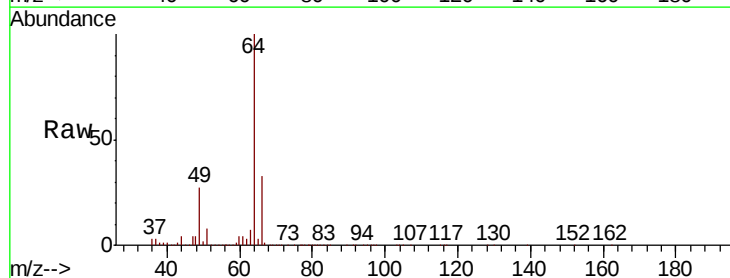
Acq: 13 Jun 2019 09:57

Tgt Ion: 64 Resp: 84348

Ion Ratio Lower Upper

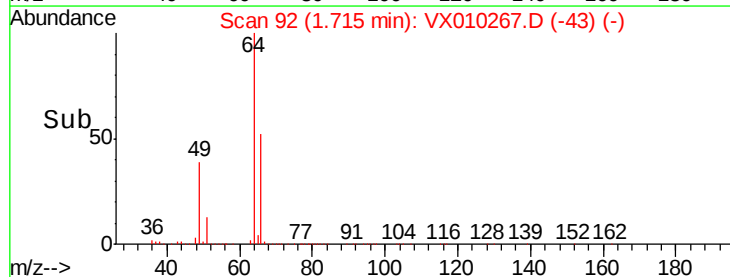
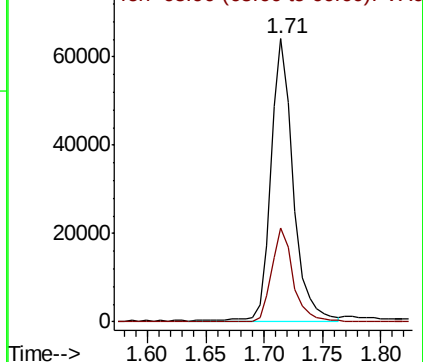
64 100

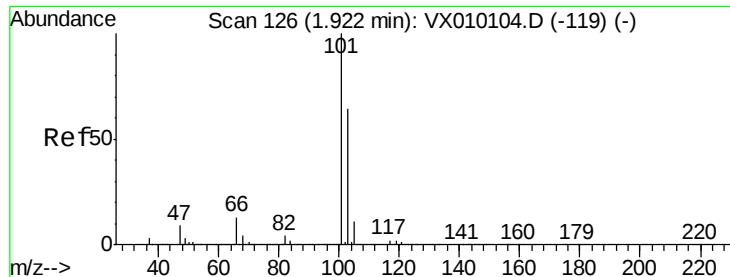
66 33.1 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



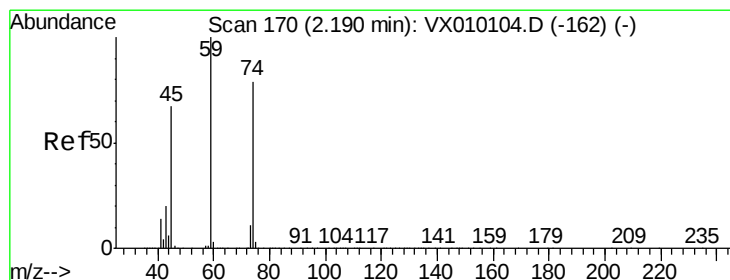
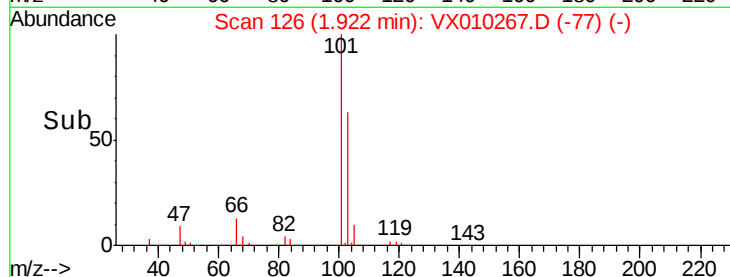
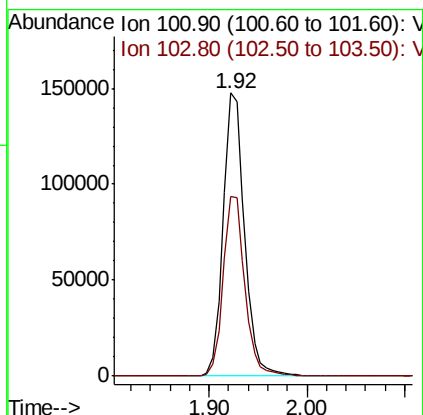
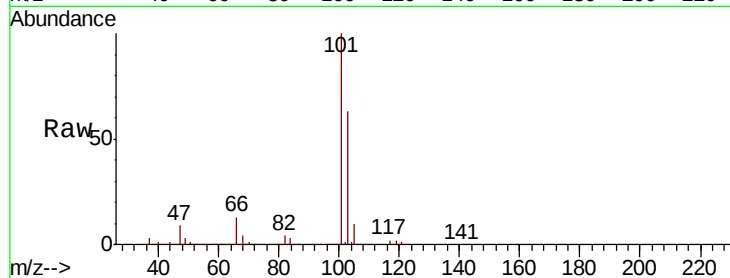


#7

Trichlorofluoromethane
Concen: 55.634 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :

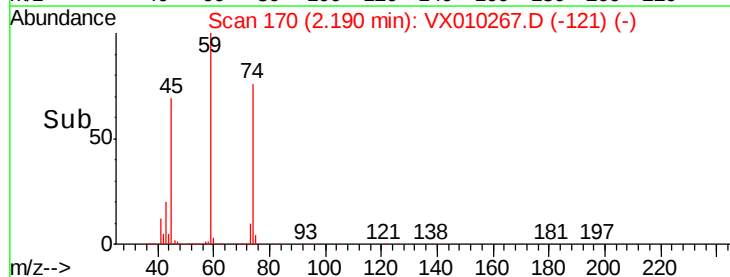
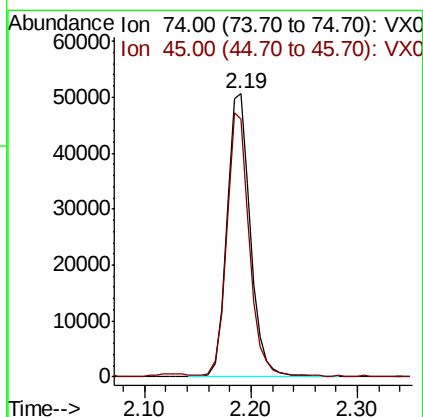
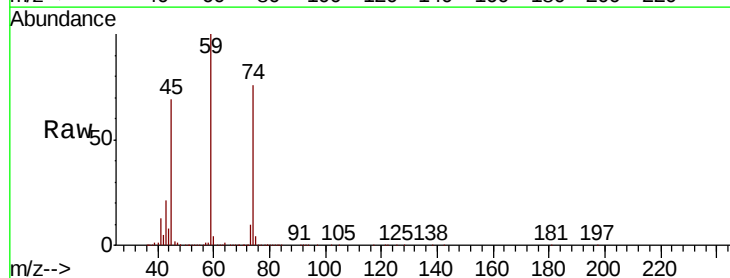
Tot Ion:101 Resp: 223305
Ion Ratio Lower Upper
101 100
103 63.4 52.2 78.4

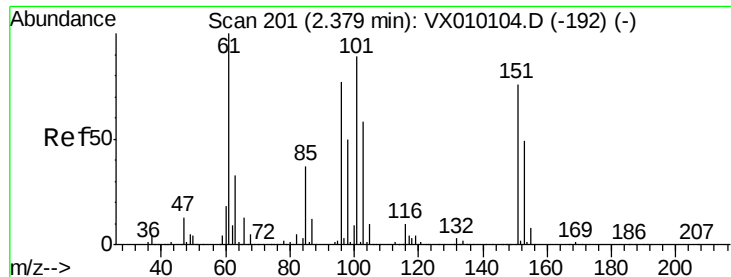


#8

Diethyl Ether
Concen: 56.210 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

Tgt Ion: 74 Resp: 77762
Ion Ratio Lower Upper
74 100
45 88.7 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.847 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

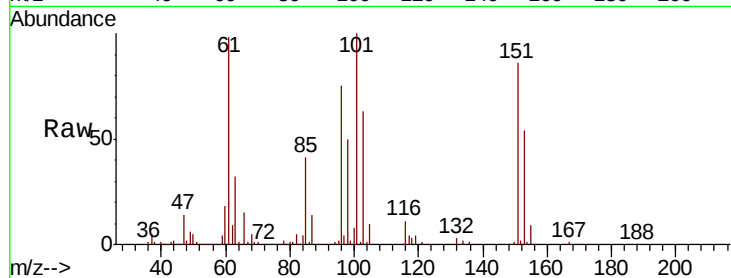
Tot Ion:101 Resp: 132382

Ion Ratio Lower Upper

101 100

85 42.1 35.2 52.8

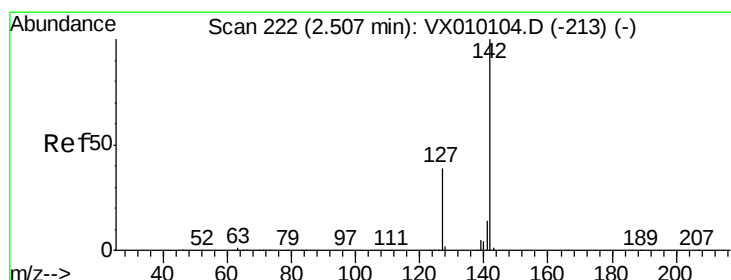
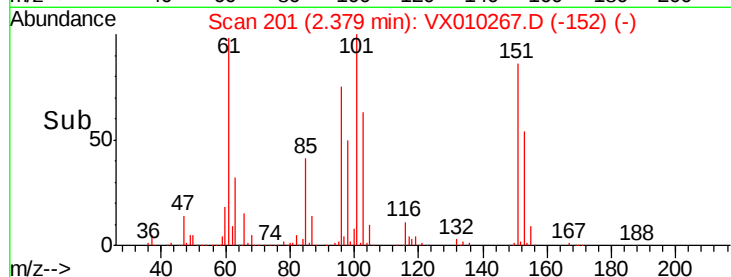
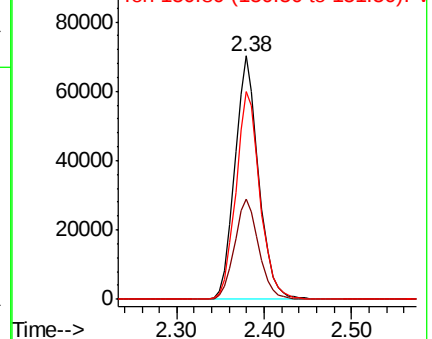
151 86.7 61.9 92.9



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: 44.468 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

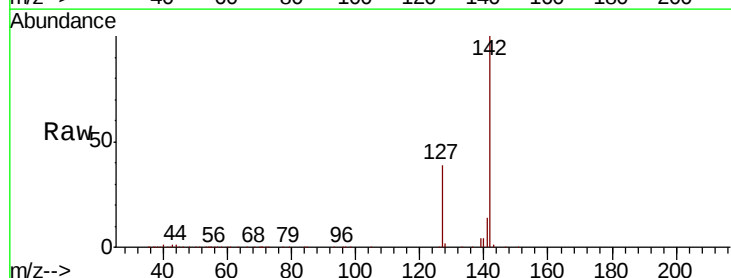
Tgt Ion:142 Resp: 190624

Ion Ratio Lower Upper

142 100

127 39.1 33.0 49.4

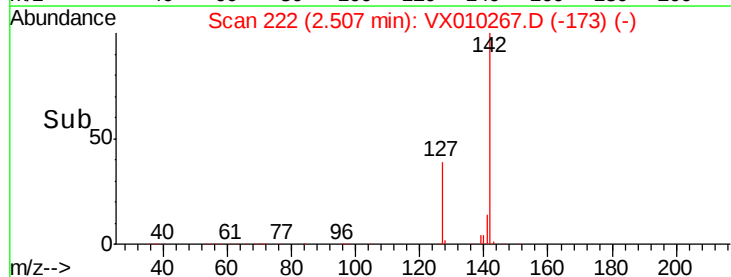
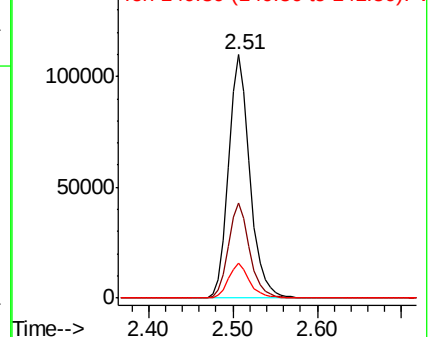
141 14.1 11.4 17.0

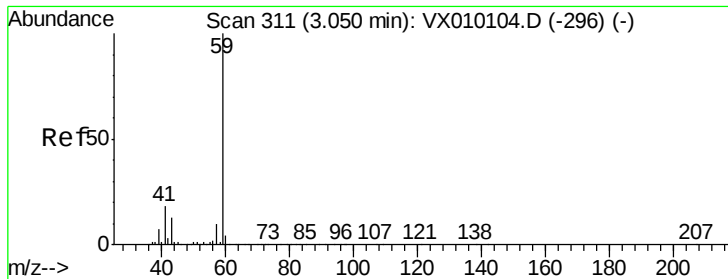


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



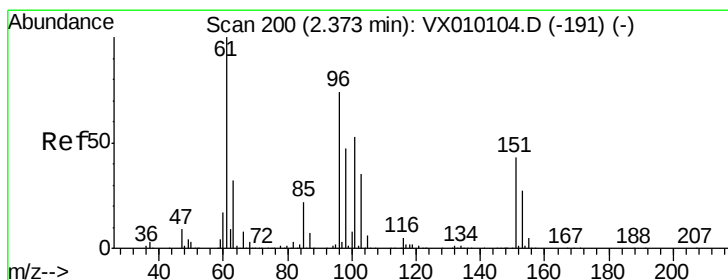
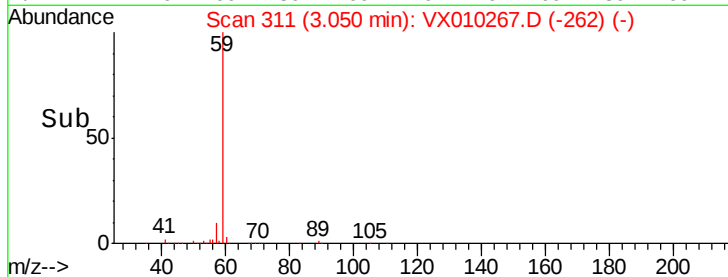
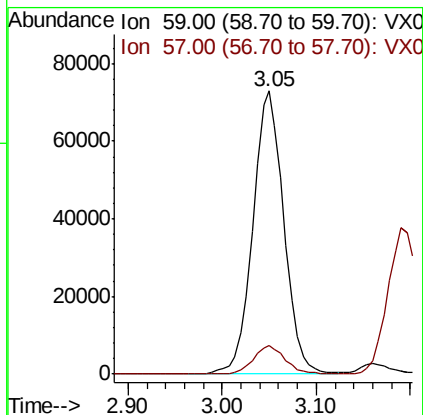
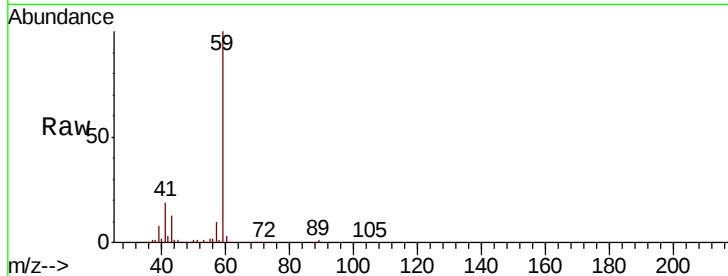


#11

Tert butyl alcohol
 Concen: 223.746 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. -0.00 min
 Lab File: VX010267.D
 Acq: 13 Jun 2019 09:57

Instrument :
 MSVOA_X
 ClientSampled :

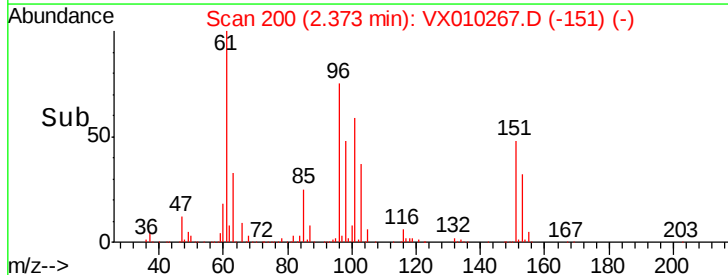
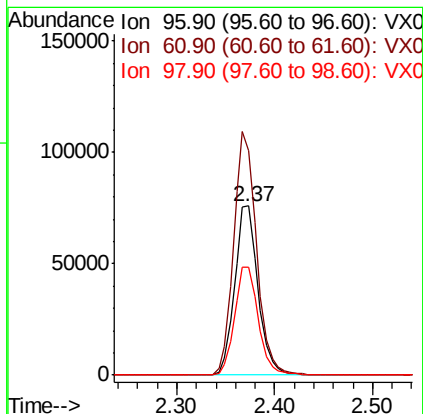
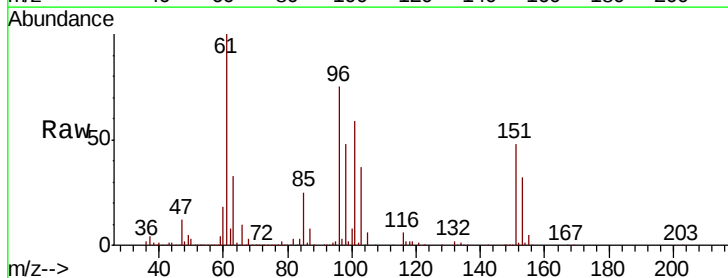
Tot Ion: 59 Resp: 168329
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.2

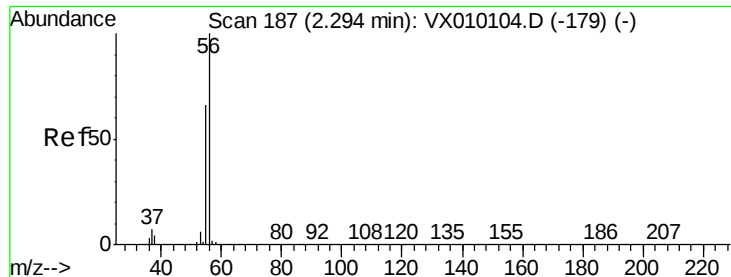


#12

1,1-Dichloroethene
 Concen: 44.626 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX010267.D
 Acq: 13 Jun 2019 09:57

Tgt Ion: 96 Resp: 126113
 Ion Ratio Lower Upper
 96 100
 61 133.0 140.7 211.1#
 98 63.7 50.1 75.1





#13

Acrolein

Concen: 285.970 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

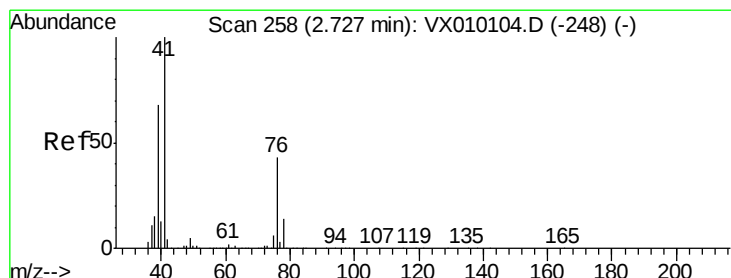
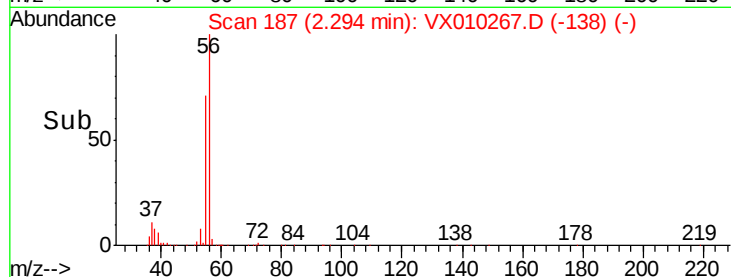
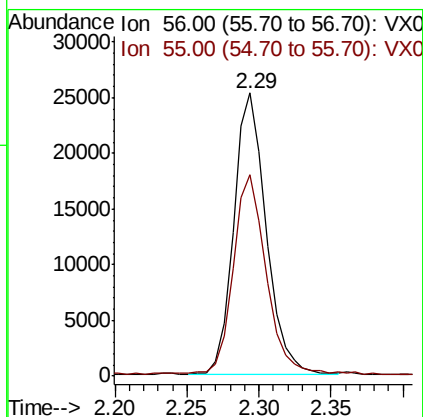
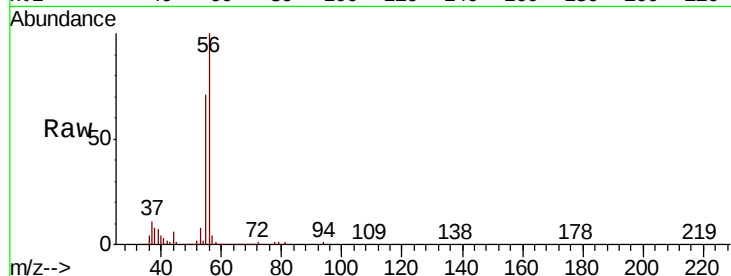
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 39229

Ion Ratio Lower Upper

56 100

55 74.5 57.0 85.4



#14

Allyl chloride

Concen: 44.327 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

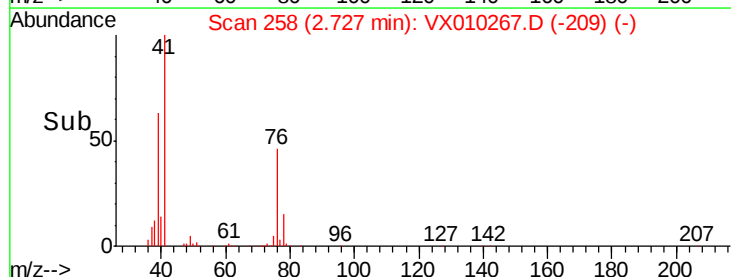
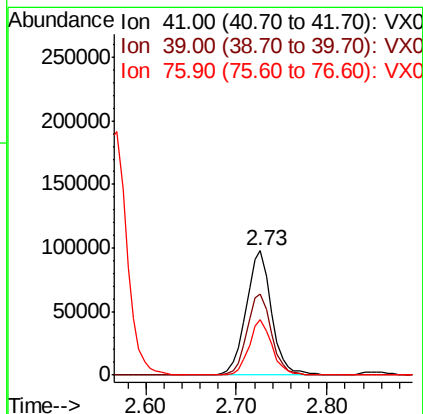
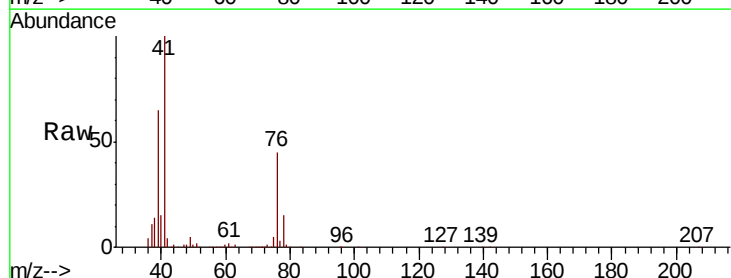
Tgt Ion: 41 Resp: 189086

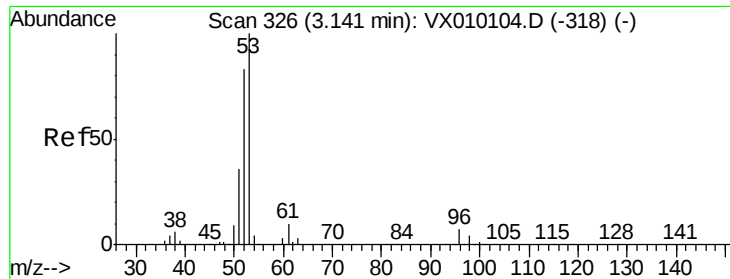
Ion Ratio Lower Upper

41 100

39 62.4 46.7 70.1

76 40.5 21.0 31.4#





#15

Acrylonitrile

Concen: 234.266 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

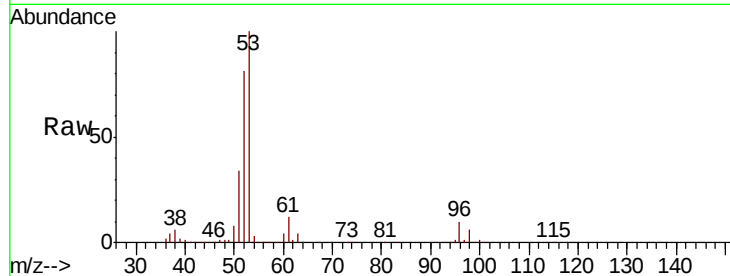
Tot Ion: 53 Resp: 360238

Ion Ratio Lower Upper

53 100

52 81.9 66.7 100.1

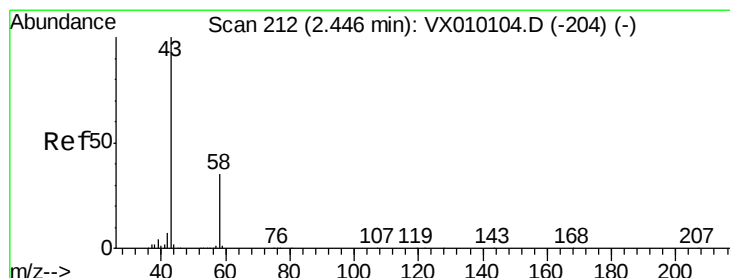
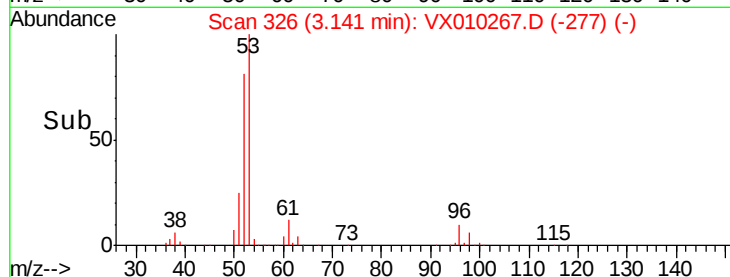
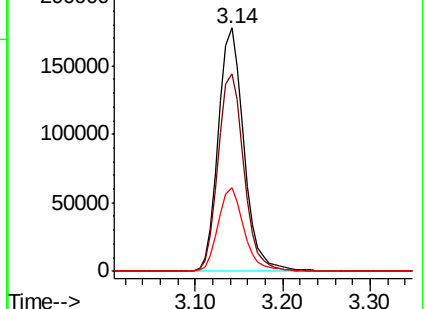
51 34.9 28.8 43.2



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: 281.373 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010267.D

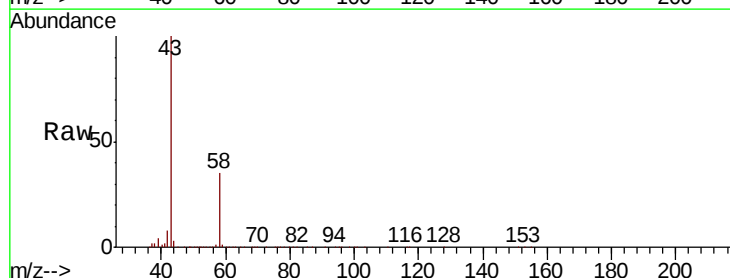
Acq: 13 Jun 2019 09:57

Tgt Ion: 43 Resp: 406426

Ion Ratio Lower Upper

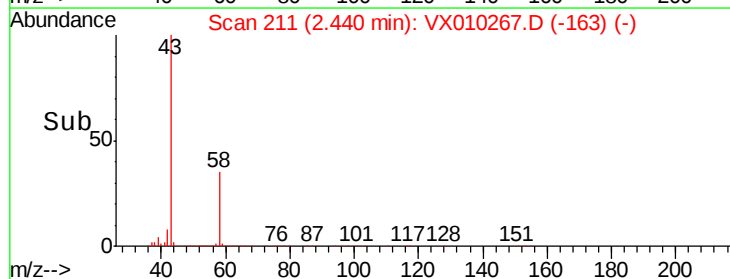
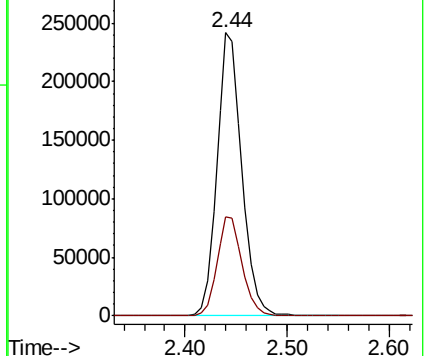
43 100

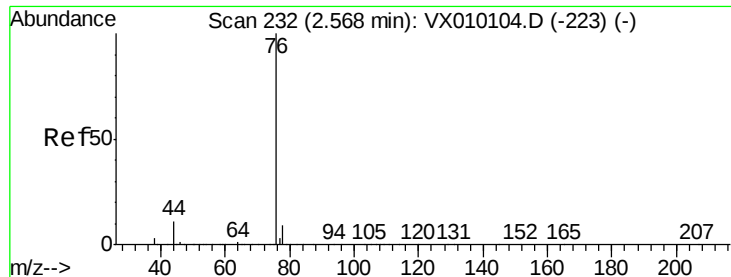
58 35.0 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 40.496 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

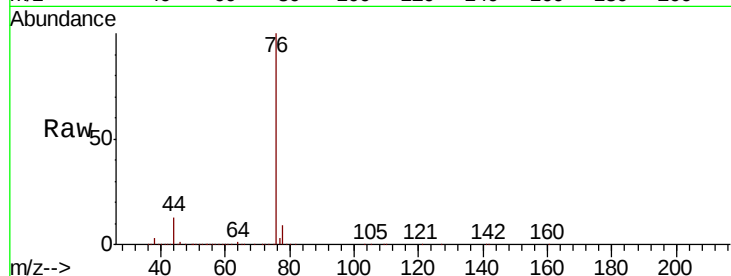
ClientSampleId :

Tot Ion: 76 Resp: 330670

Ion Ratio Lower Upper

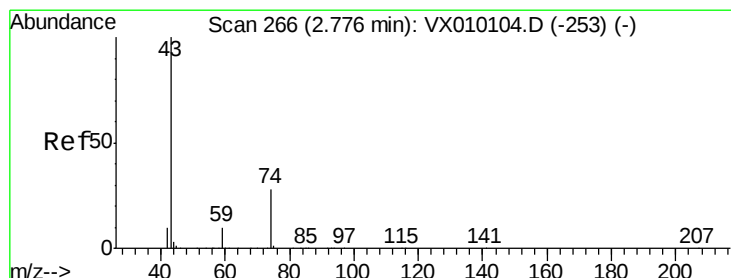
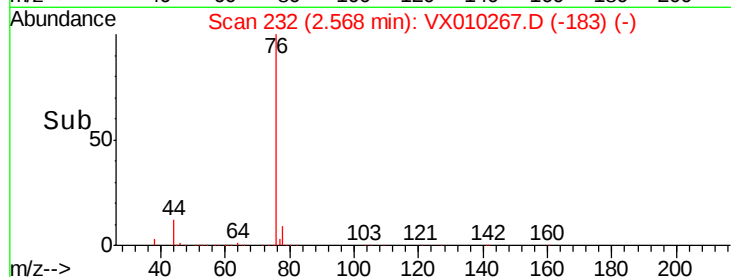
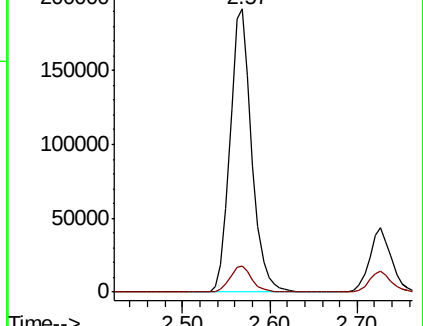
76 100

78 9.1 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 47.326 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX010267.D

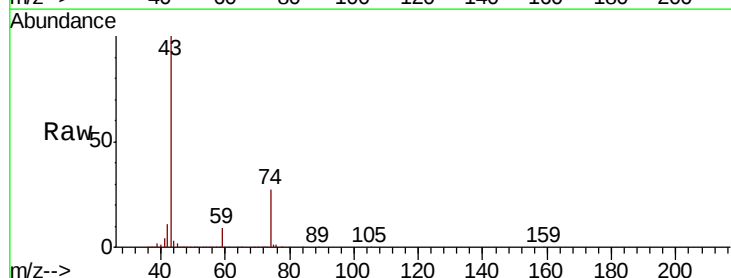
Acq: 13 Jun 2019 09:57

Tgt Ion: 43 Resp: 150337

Ion Ratio Lower Upper

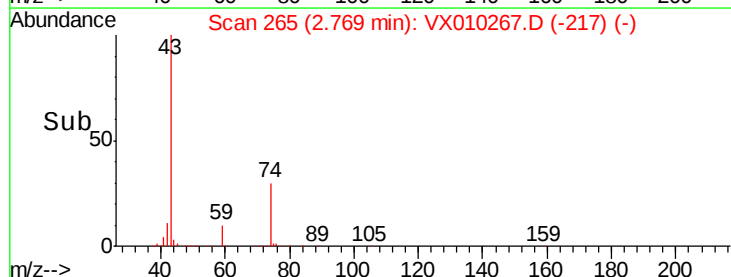
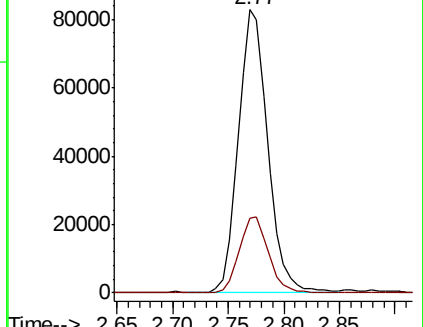
43 100

74 26.4 15.8 23.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



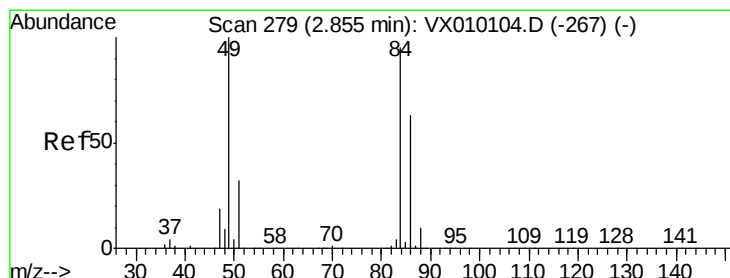
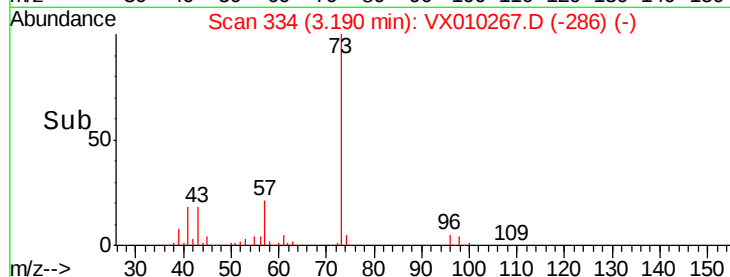
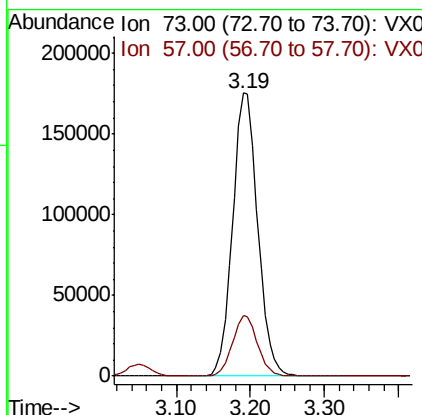
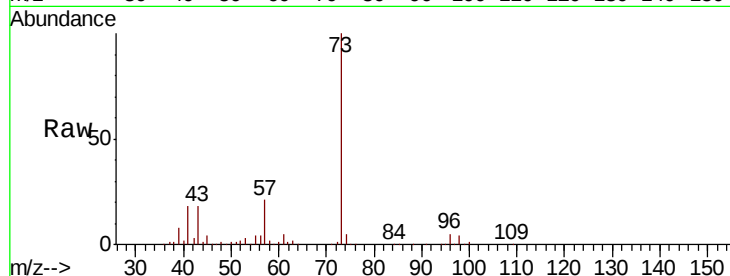


#19

Methyl tert-butyl Ether
 Concen: 45.765 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX010267.D
 Acq: 13 Jun 2019 09:57

Instrument :
 MSVOA_X
 ClientSampleId :

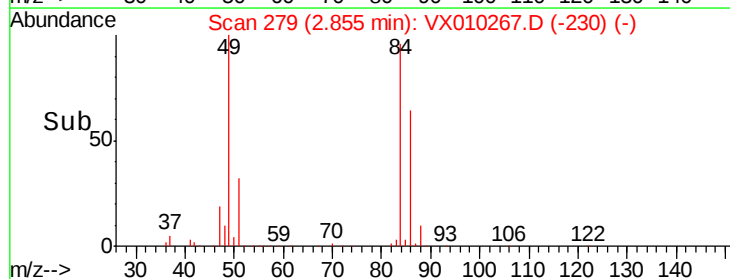
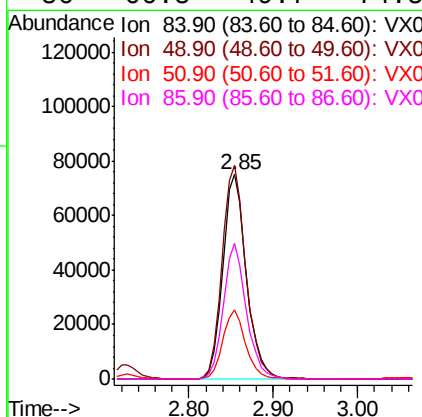
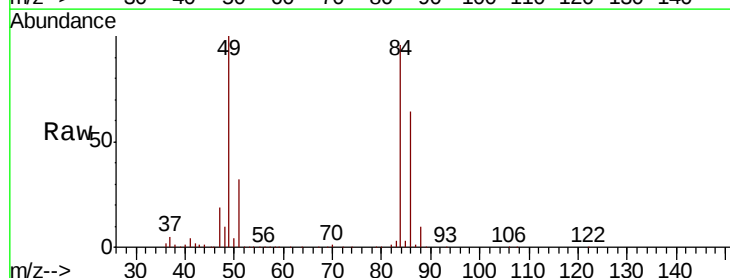
Tot Ion: 73 Resp: 415500
 Ion Ratio Lower Upper
 73 100
 57 21.4 19.4 29.2

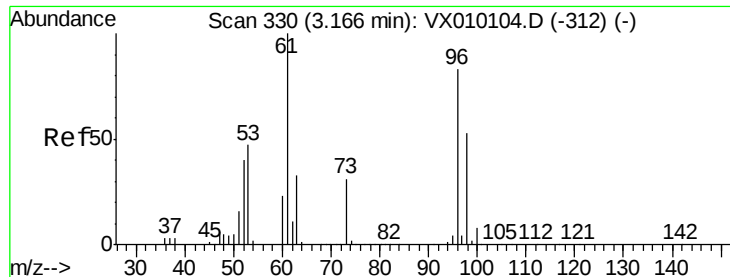


#20

Methylene Chloride
 Concen: 45.443 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX010267.D
 Acq: 13 Jun 2019 09:57

Tgt Ion: 84 Resp: 144155
 Ion Ratio Lower Upper
 84 100
 49 104.2 115.8 173.6#
 51 33.5 34.4 51.6#
 86 66.5 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 43.484 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

ClientSampled :

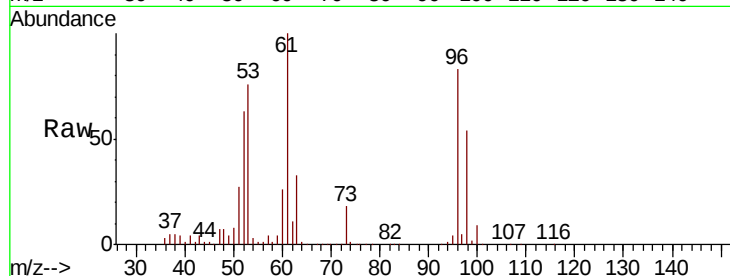
Tot Ion: 96 Resp: 135992

Ion Ratio Lower Upper

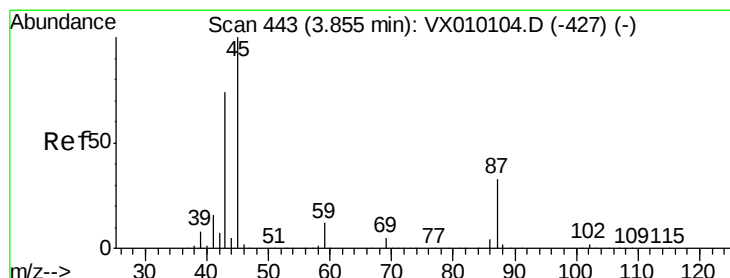
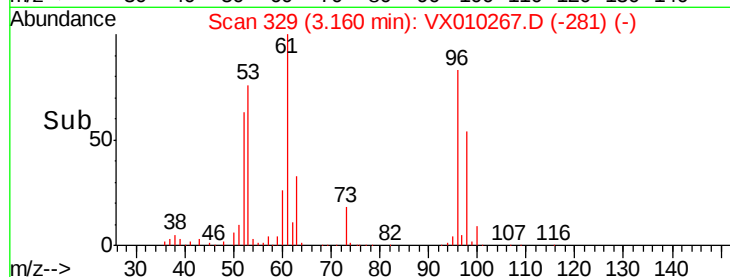
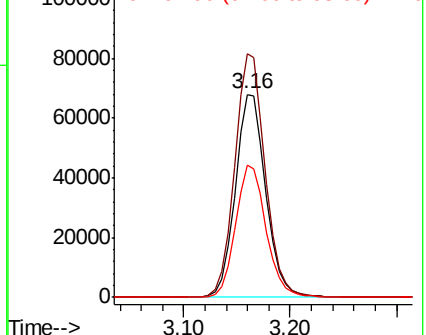
96 100

61 120.0 125.7 188.5#

98 65.3 49.0 73.6



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 47.762 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Tgt Ion: 45 Resp: 389539

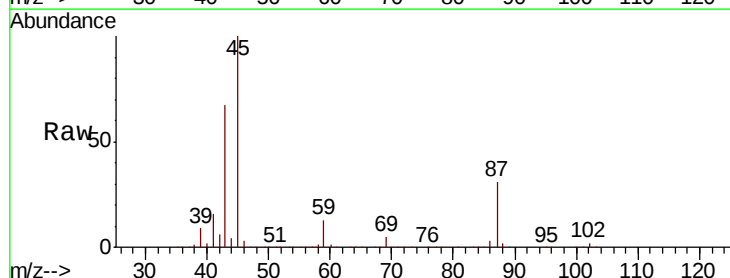
Ion Ratio Lower Upper

45 100

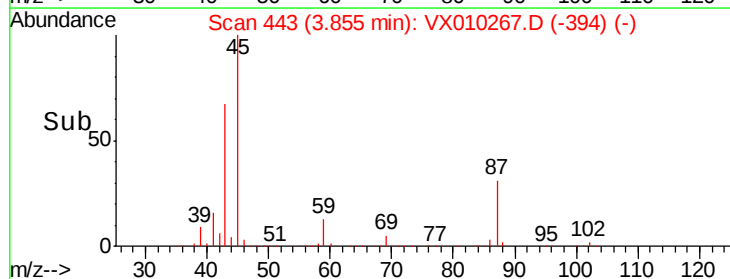
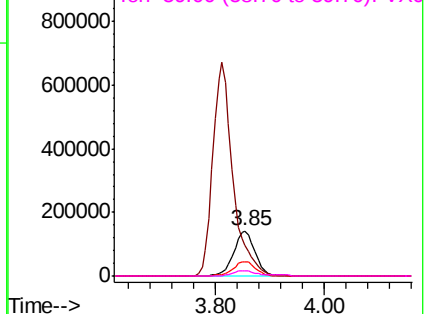
43 66.5 65.0 97.4

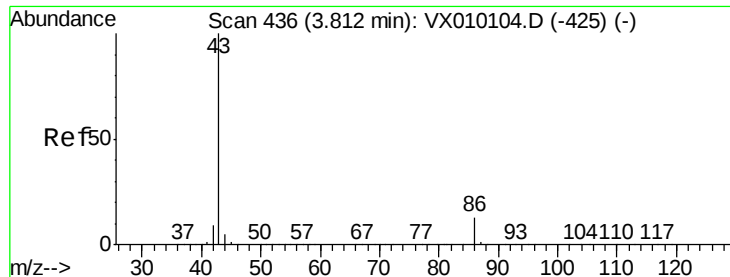
87 31.1 17.3 25.9#

59 12.5 8.1 12.1#



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0

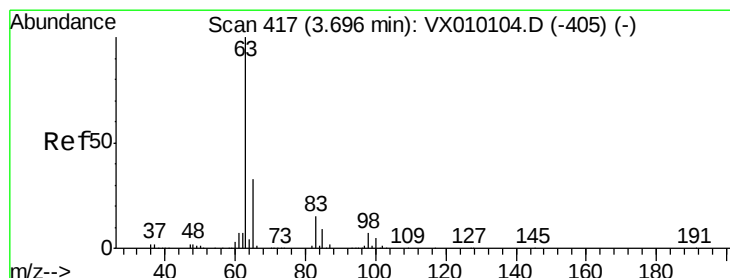
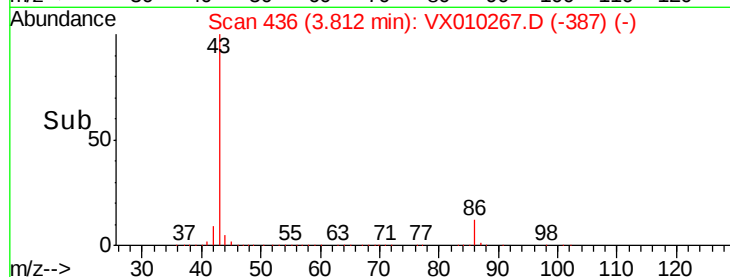
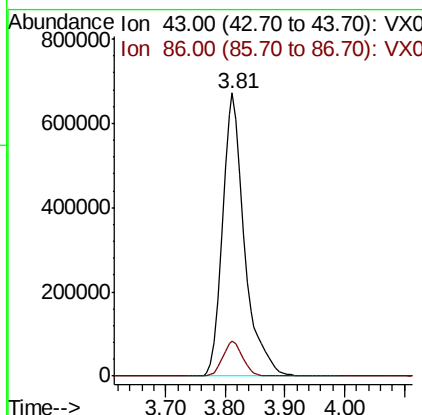
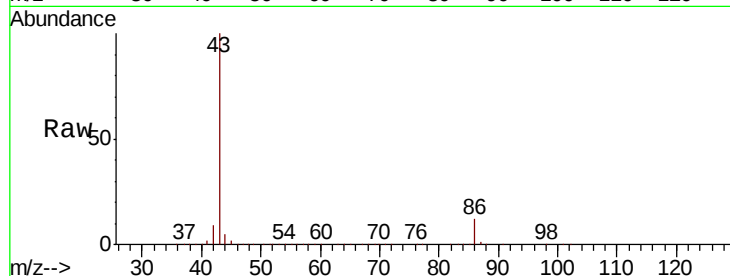




#23
 Vinyl Acetate
 Concen: 236.450 ug/l
 RT: 3.81 min Scan# 436
 Delta R.T. -0.00 min
 Lab File: VX010267.D
 Acq: 13 Jun 2019 09:57

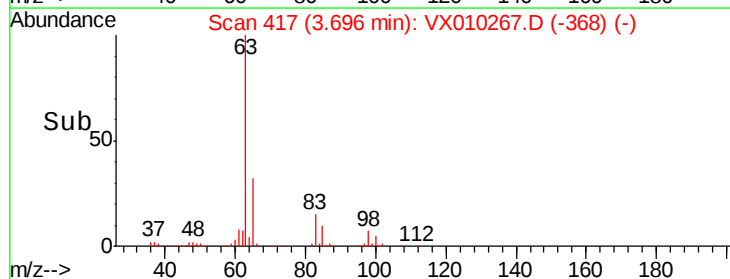
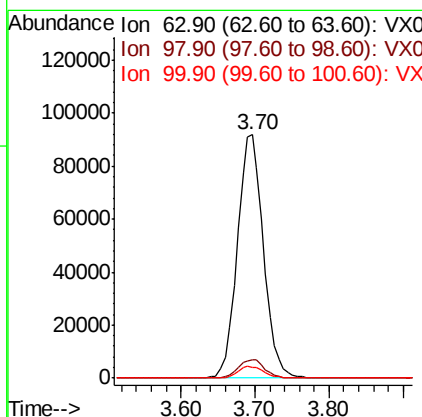
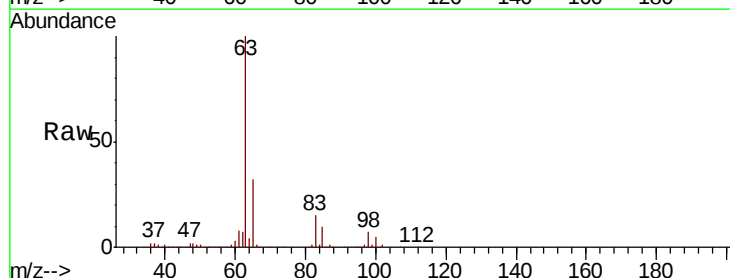
Instrument :
 MSVOA_X
 ClientSampleId :

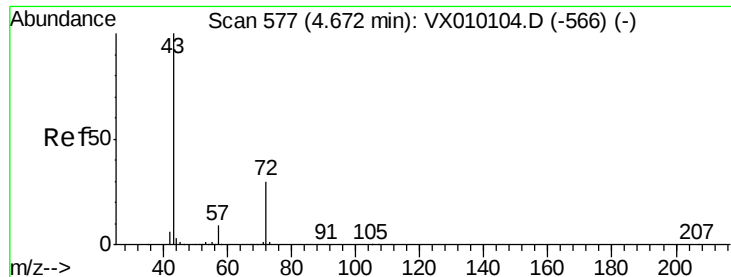
Tot Ion: 43 Resp: 1720378
 Ion Ratio Lower Upper
 43 100
 86 12.5 6.5 9.7#



#24
 1,1-Dichloroethane
 Concen: 45.420 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX010267.D
 Acq: 13 Jun 2019 09:57

Tgt Ion: 63 Resp: 224911
 Ion Ratio Lower Upper
 63 100
 98 7.4 2.9 8.8
 100 4.6 1.8 5.4





#25

2-Butanone

Concen: 255.892 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

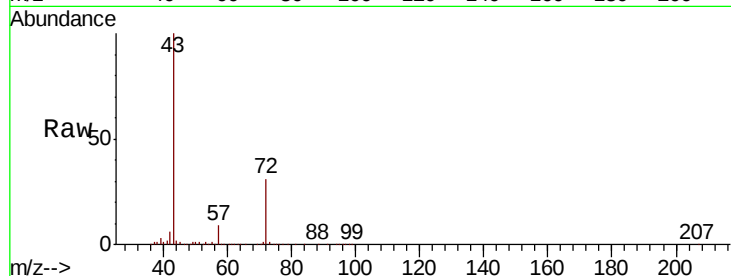
ClientSampled :

Tot Ion: 43 Resp: 550398

Ion Ratio Lower Upper

43 100

72 30.6 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

200000

150000

100000

50000

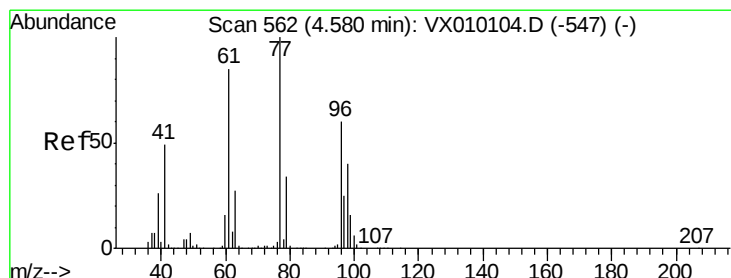
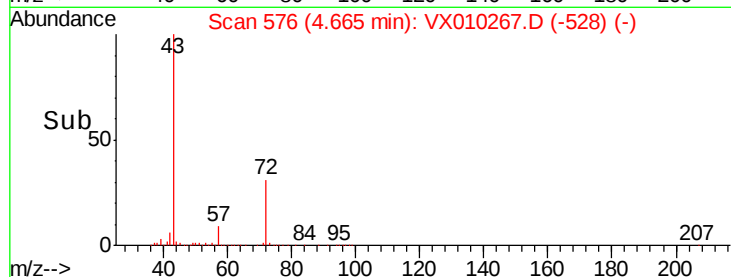
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 45.176 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010267.D

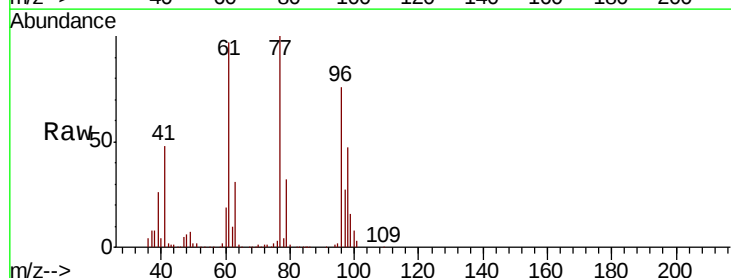
Acq: 13 Jun 2019 09:57

Tgt Ion: 77 Resp: 204084

Ion Ratio Lower Upper

77 100

97 26.2 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

60000

40000

20000

0

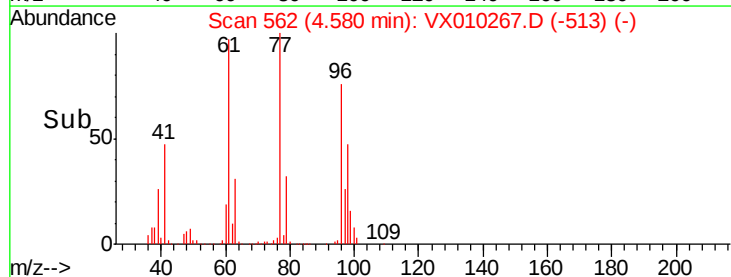
4.40

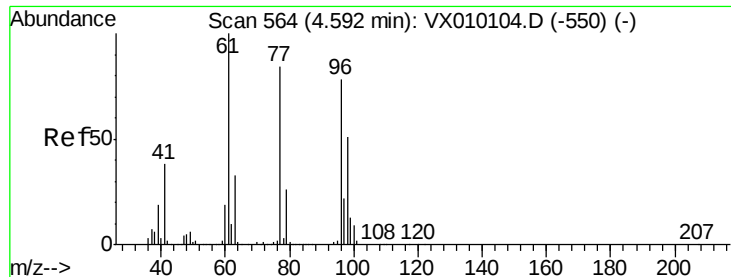
4.50

4.60

4.70

Time-->



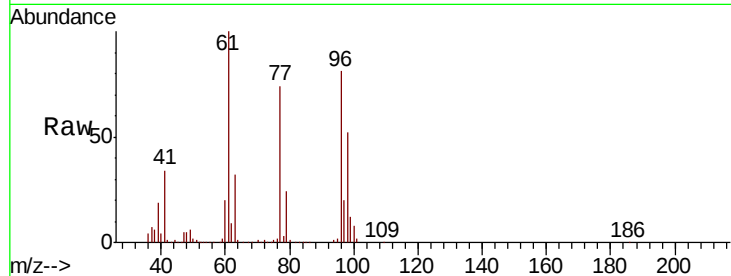


#27

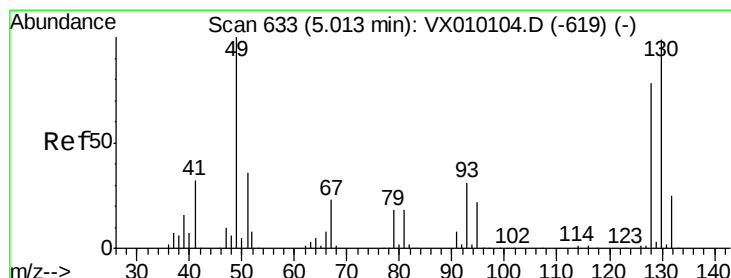
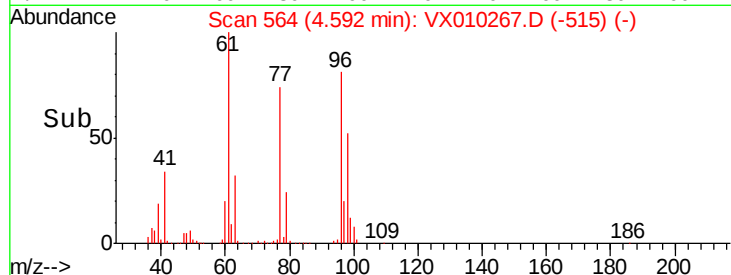
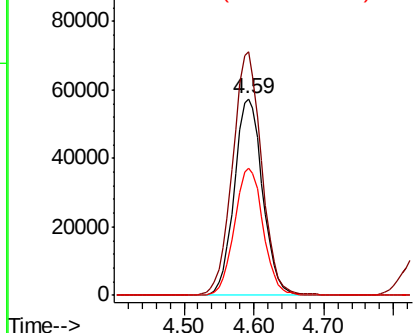
cis-1,2-Dichloroethene
Concen: 46.582 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	96	Resp	162063
Ion	Ratio	Lower	Upper
96	100		
61	127.3	0.0	334.0
98	65.3	0.0	131.6



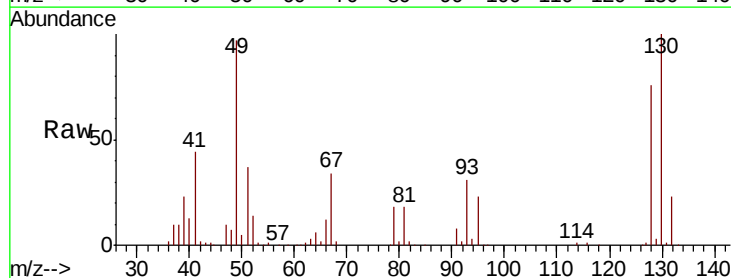
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



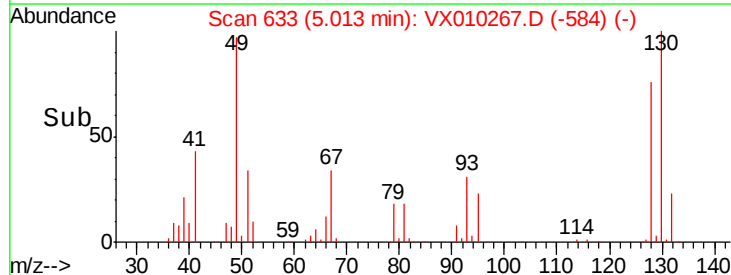
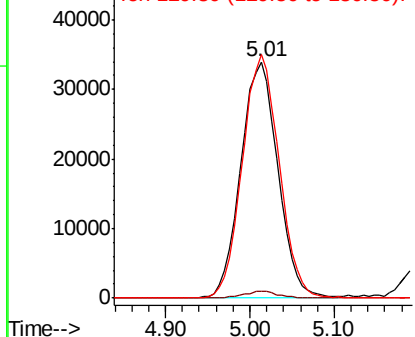
#28

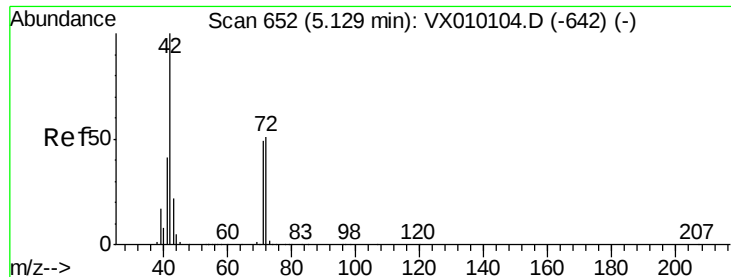
Bromochloromethane
Concen: 45.842 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

Tgt Ion	49	Resp	101737
Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	3.4
130	102.1	49.4	74.2#



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 232.277 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

ClientSampled :

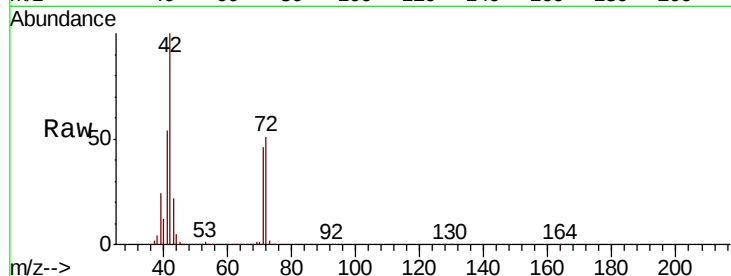
Tot Ion: 42 Resp: 313980

Ion Ratio Lower Upper

42 100

72 51.5 29.2 43.8#

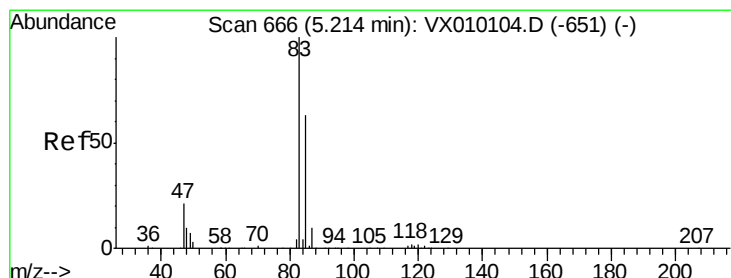
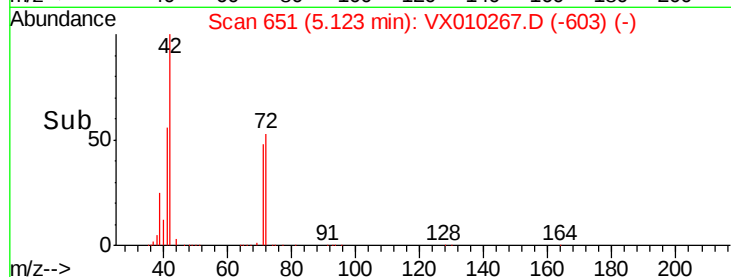
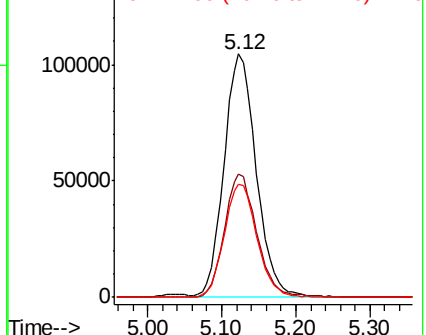
71 47.6 27.6 41.4#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 46.507 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX010267.D

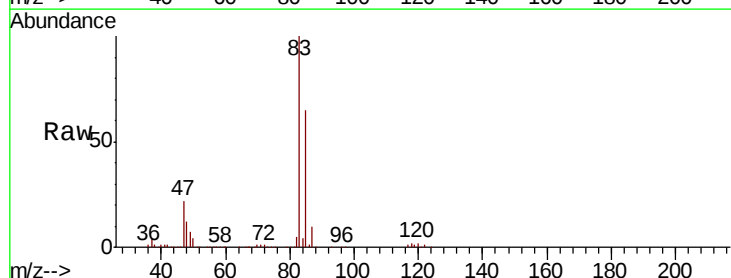
Acq: 13 Jun 2019 09:57

Tgt Ion: 83 Resp: 239169

Ion Ratio Lower Upper

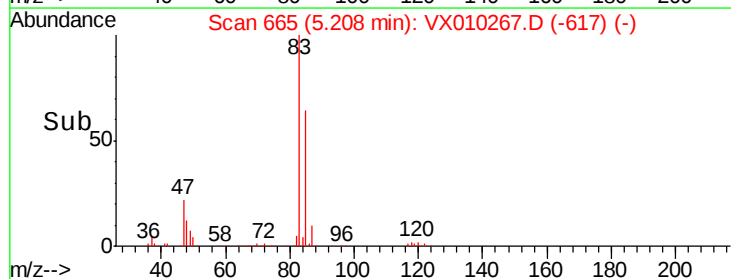
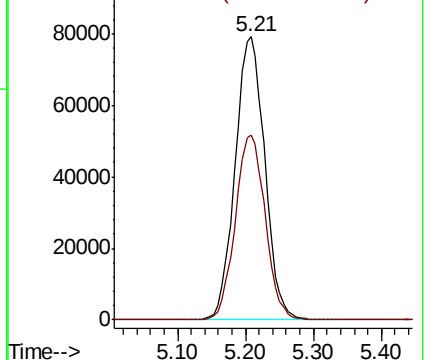
83 100

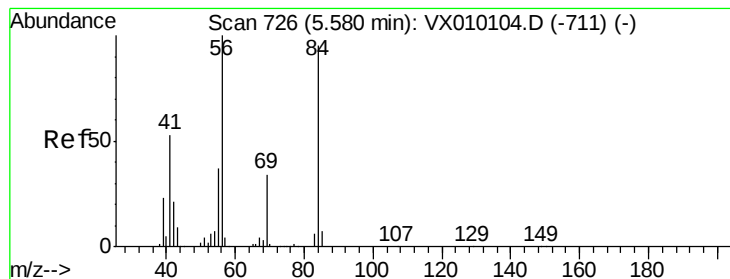
85 65.3 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 46.248 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

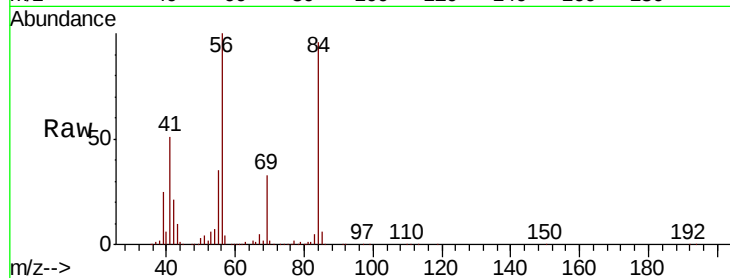
Tot Ion: 56 Resp: 206686

Ion Ratio Lower Upper

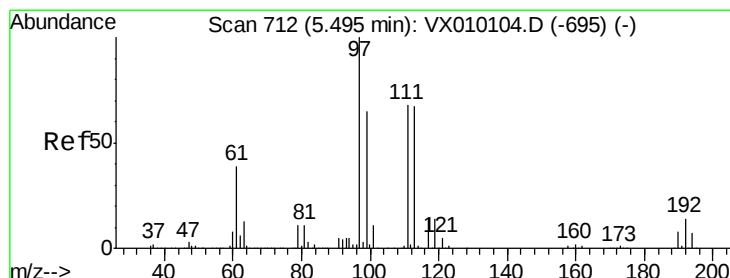
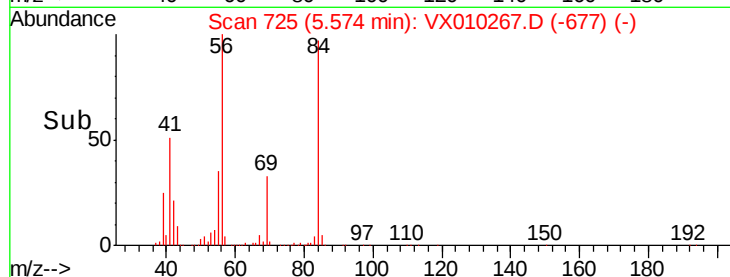
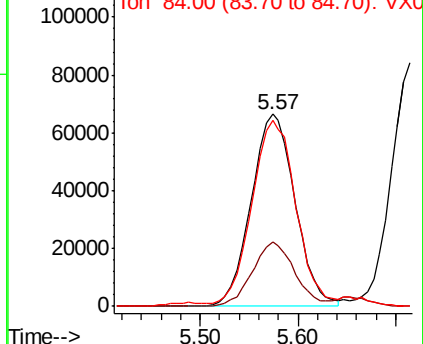
56 100

69 33.2 21.6 32.4#

84 94.6 56.8 85.2#



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: 44.847 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

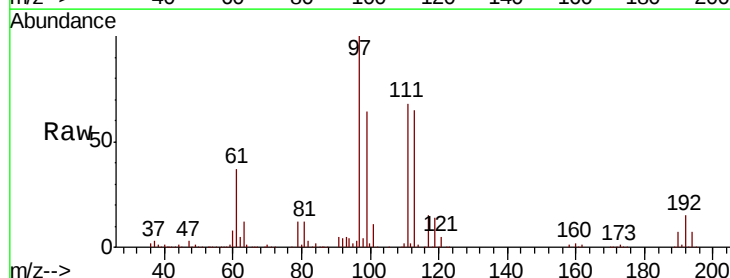
Tgt Ion: 97 Resp: 216822

Ion Ratio Lower Upper

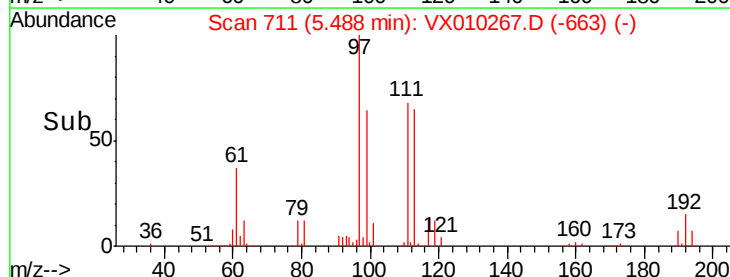
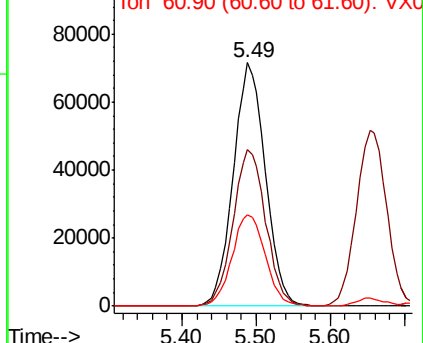
97 100

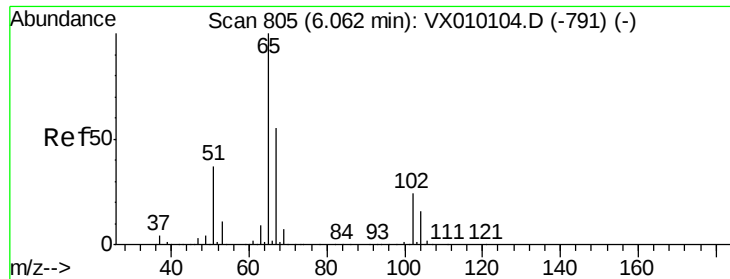
99 65.1 51.0 76.4

61 38.9 38.7 58.1



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: 44.169 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

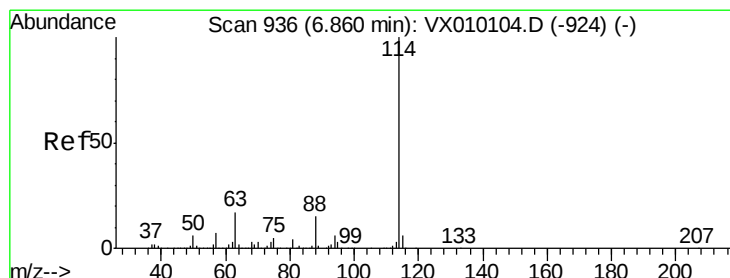
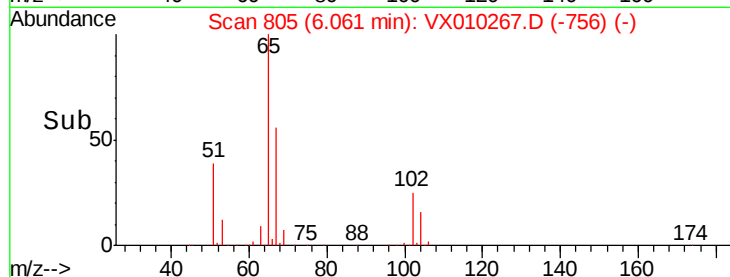
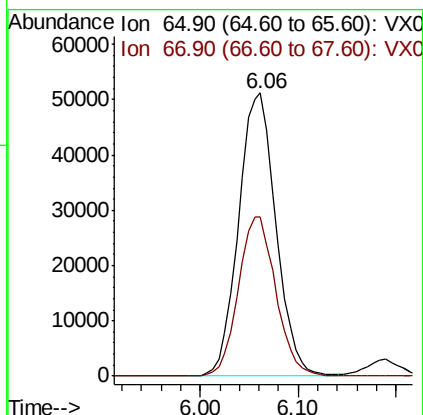
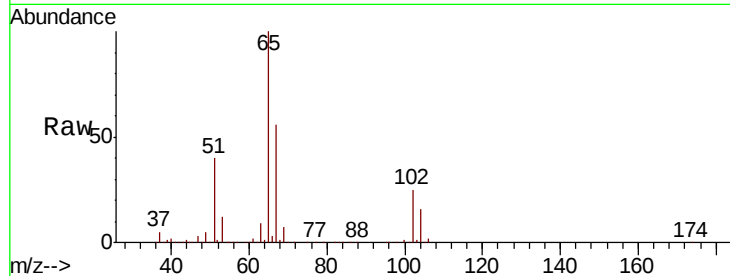
ClientSampleId :

Tot Ion: 65 Resp: 135644

Ion Ratio Lower Upper

65 100

67 56.5 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

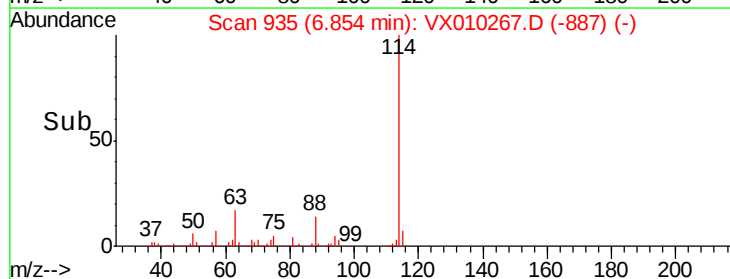
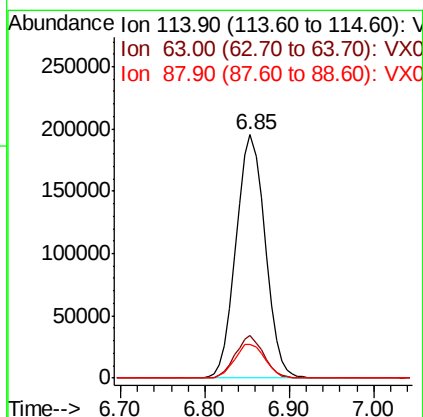
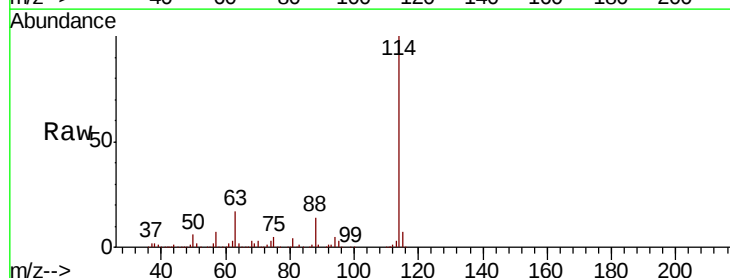
Tgt Ion: 114 Resp: 456846

Ion Ratio Lower Upper

114 100

63 17.4 0.0 47.4

88 13.9 0.0 33.0

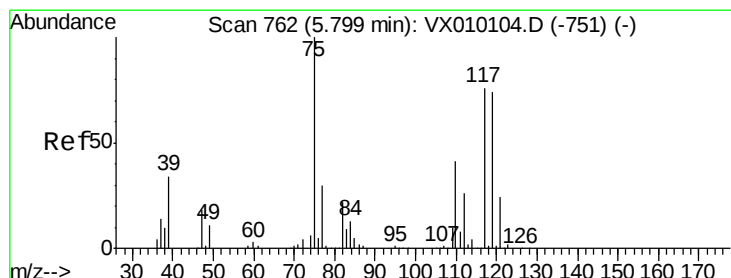
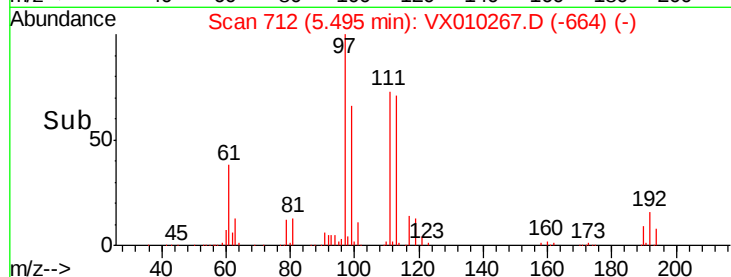
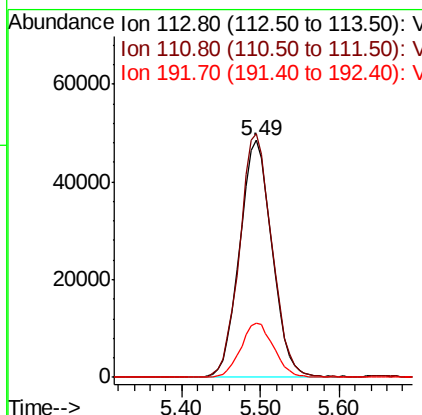
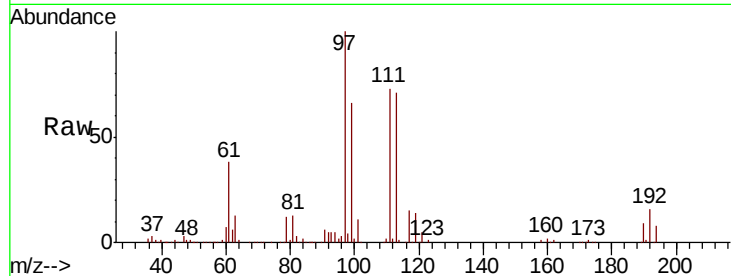




#35
 Dibromofluoromethane
 Concen: 49.314 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010267.D
 Acq: 13 Jun 2019 09:57

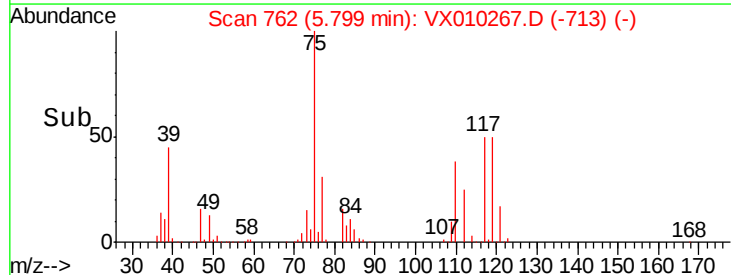
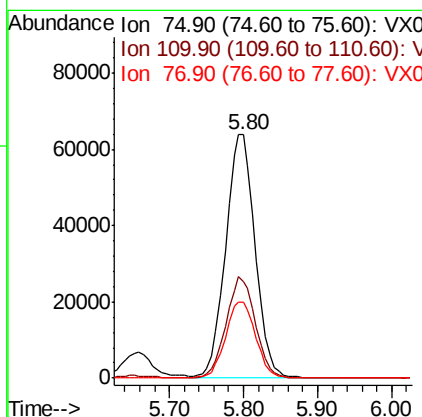
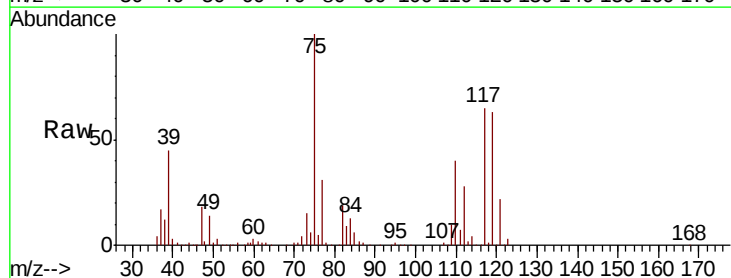
Instrument :
 MSVOA_X
 ClientSampleId :

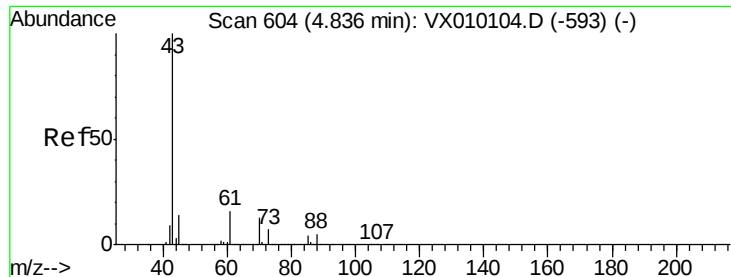
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.2
192	23.1	17.1	25.7



#36
 1,1-Dichloropropene
 Concen: 47.139 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX010267.D
 Acq: 13 Jun 2019 09:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	41.5	16.7	50.1
77	32.2	25.0	37.4





#37

Ethyl Acetate

Concen: 47.808 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

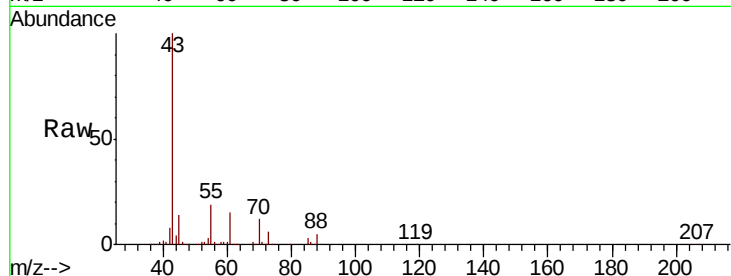
Tot Ion: 43 Resp: 185400

Ion Ratio Lower Upper

43 100

61 15.4 10.2 15.2#

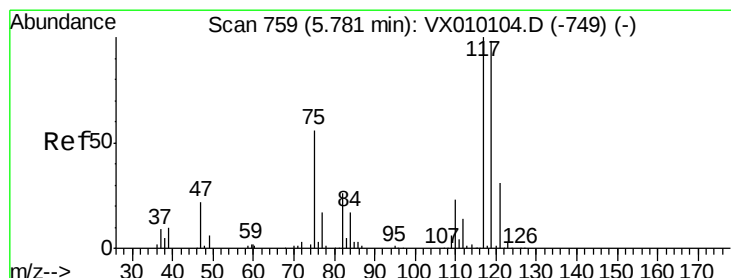
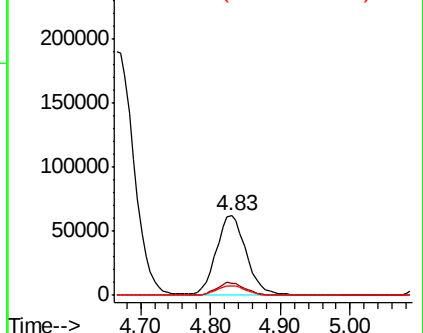
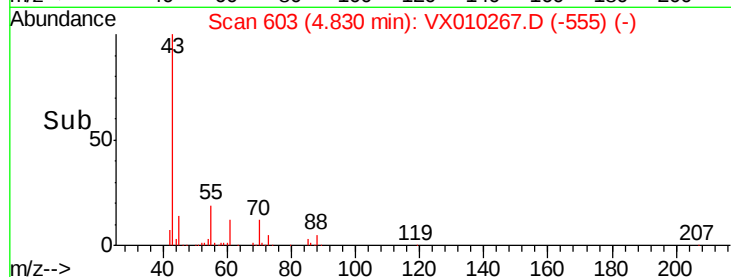
70 12.2 7.4 11.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 47.199 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

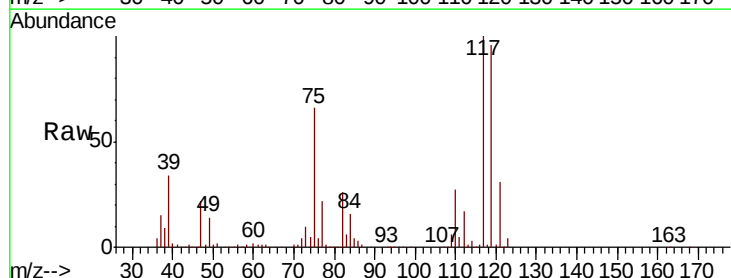
Tgt Ion: 117 Resp: 199117

Ion Ratio Lower Upper

117 100

119 96.0 77.3 115.9

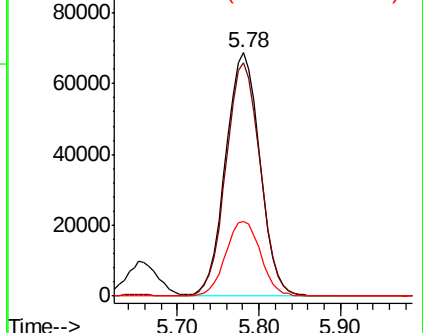
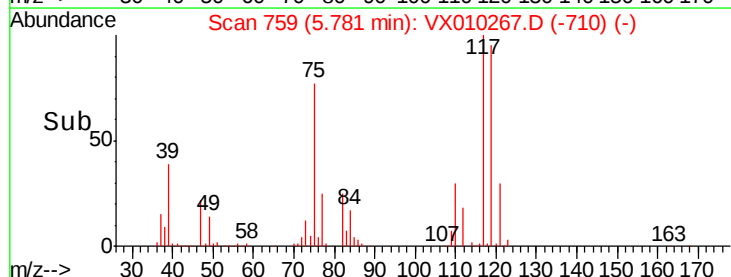
121 30.6 25.4 38.0

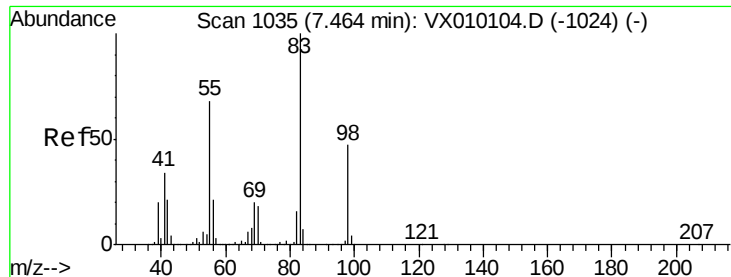


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

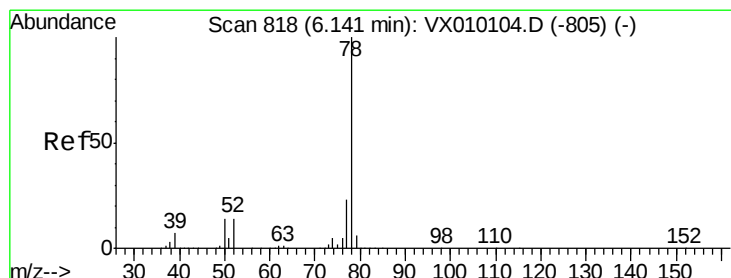
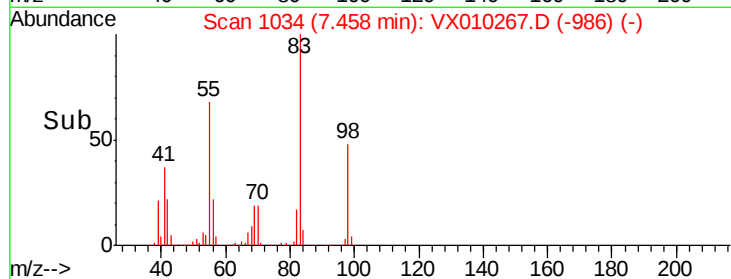
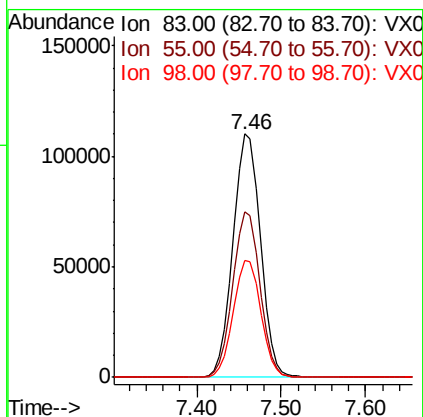
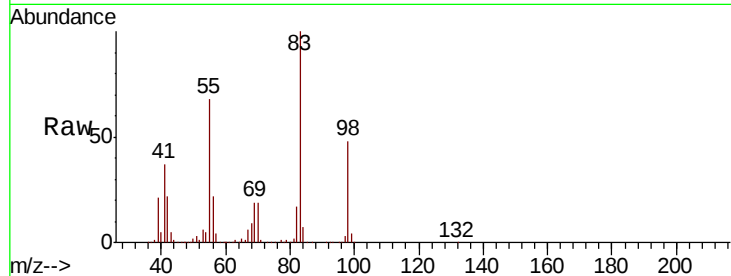




#39
Methvlcvclohexane
Concen: 47.839 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

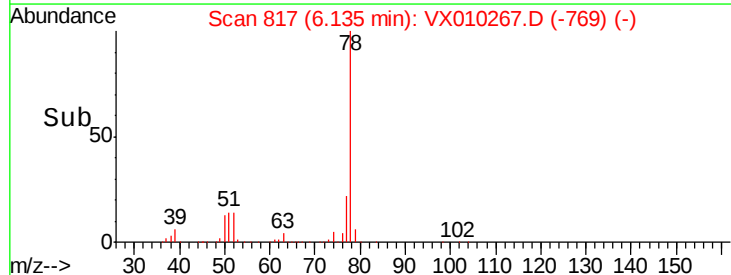
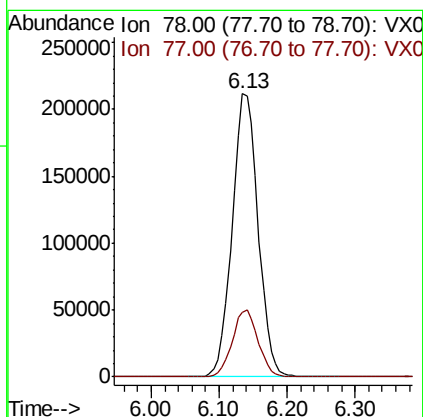
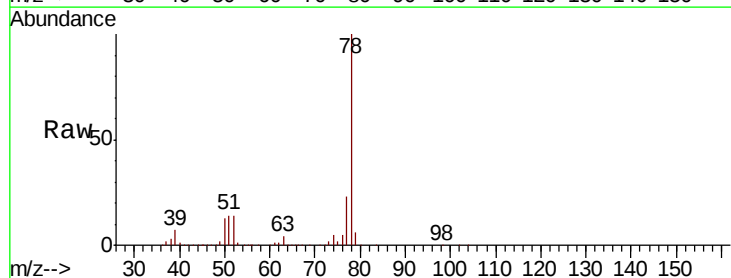
Instrument :
MSVOA_X
ClientSampled :

Tot Ion	83	Resp	242795
Ion	Ratio	Lower	Upper
83	100		
55	68.2	69.9	104.9#
98	47.8	35.1	52.7



#40
Benzene
Concen: 48.396 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

Tgt Ion	78	Resp	557768
Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.2	28.8

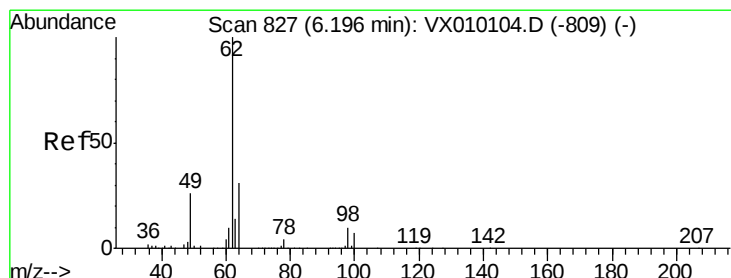
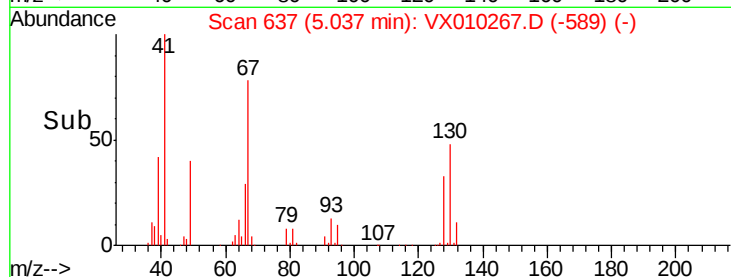
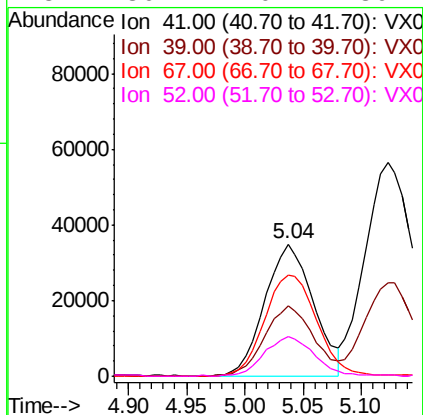
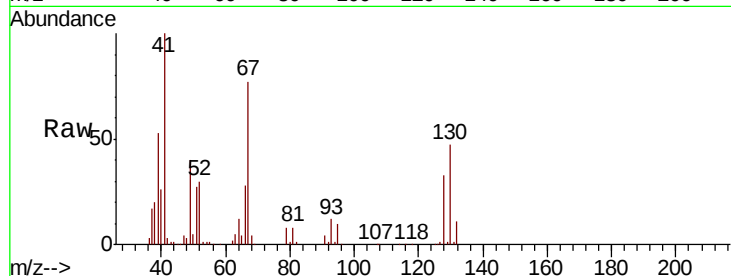




#41
Methacrylonitrile
Concen: 48.052 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

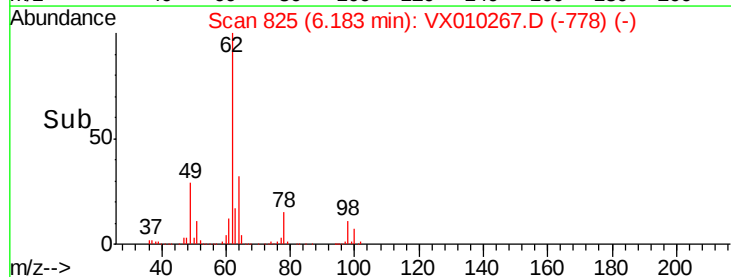
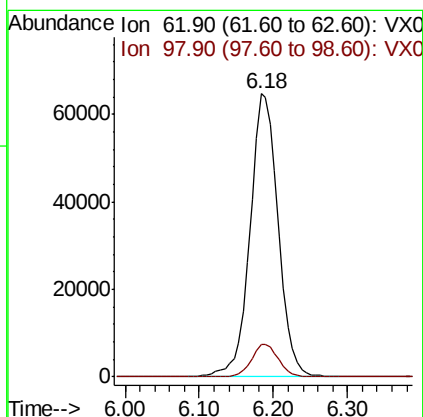
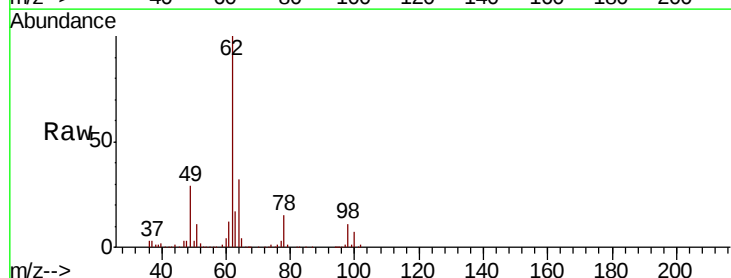
Instrument :
MSVOA_X
ClientSampleId :

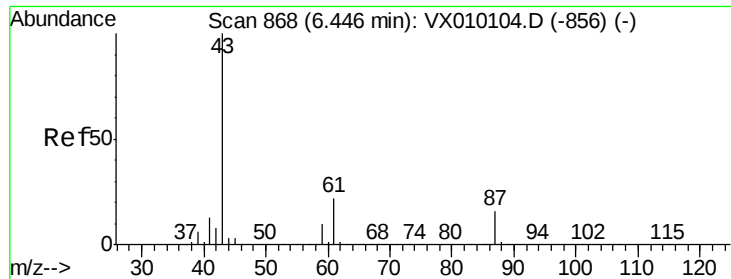
Tot Ion: 41 Resp: 100801
Ion Ratio Lower Upper
41 100
39 53.3 42.2 63.4
67 82.9 48.9 73.3#
52 30.2 20.1 30.1#



#42
1,2-Dichloroethane
Concen: 46.408 ug/l
RT: 6.18 min Scan# 825
Delta R.T. -0.01 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

Tgt Ion: 62 Resp: 170753
Ion Ratio Lower Upper
62 100
98 11.2 0.0 17.2



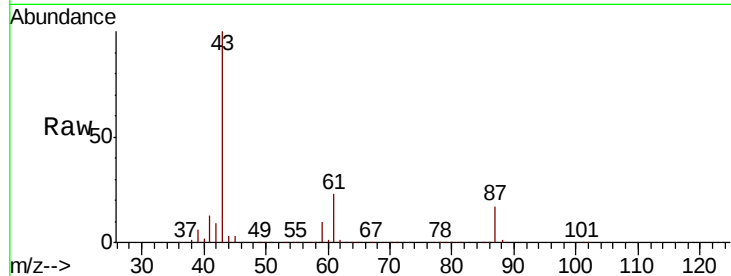


#43

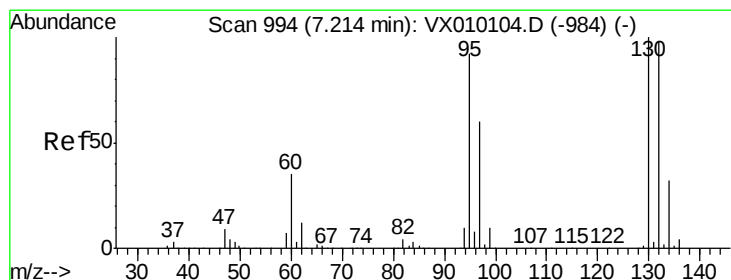
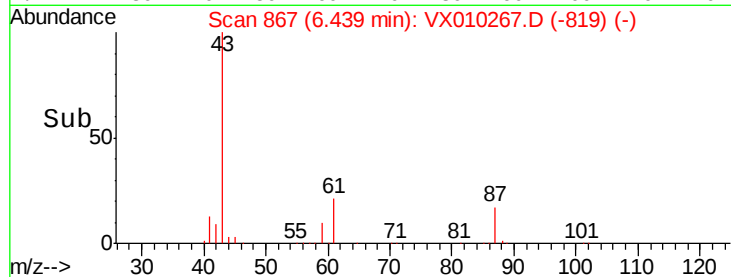
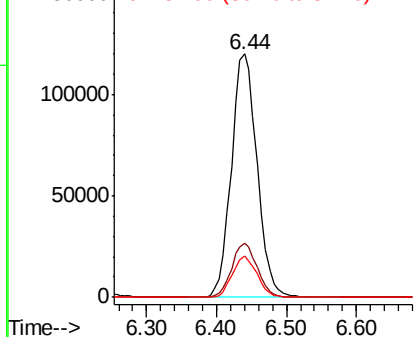
Isopropyl Acetate
 Concen: 47.009 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX010267.D
 Acq: 13 Jun 2019 09:57

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 43 Resp: 304805
 Ion Ratio Lower Upper
 43 100
 61 22.2 14.6 21.8#
 87 16.4 8.7 13.1#



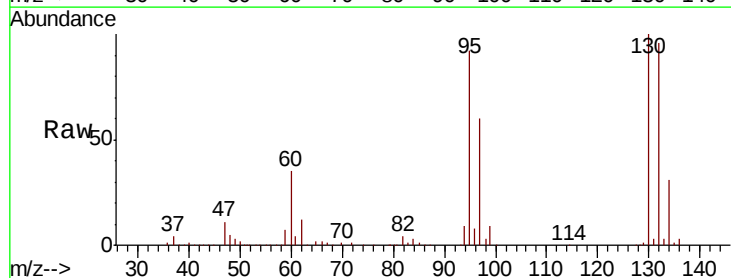
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



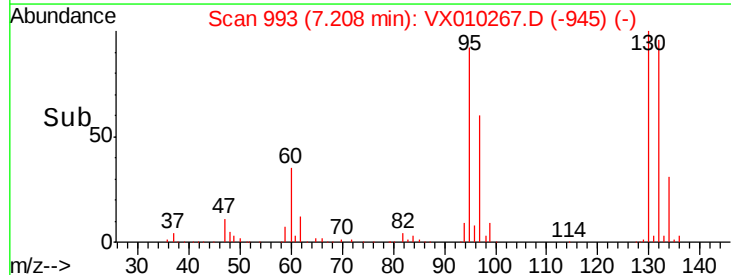
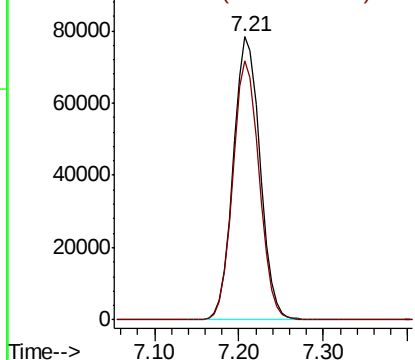
#44

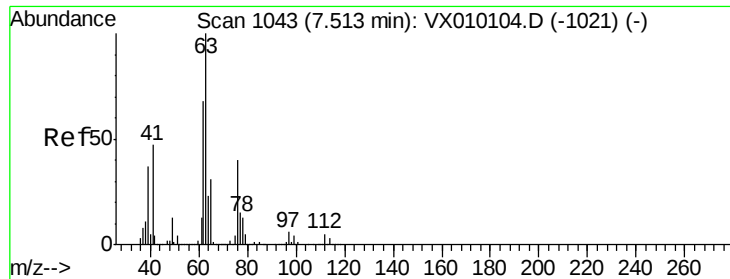
Trichloroethene
 Concen: 48.331 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX010267.D
 Acq: 13 Jun 2019 09:57

Tgt Ion:130 Resp: 167903
 Ion Ratio Lower Upper
 130 100
 95 91.5 0.0 207.4



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

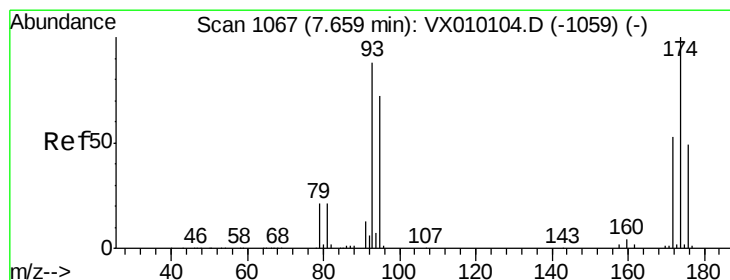
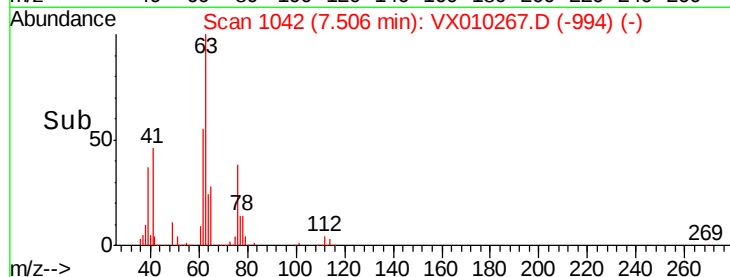
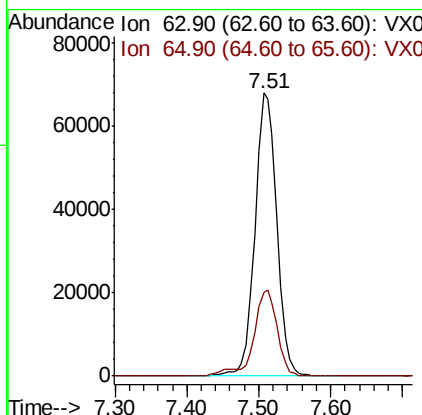
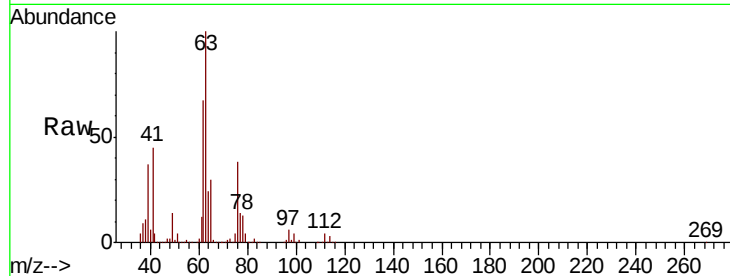




#45
 1,2-Dichloropropane
 Concen: 49.637 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX010267.D
 Acq: 13 Jun 2019 09:57

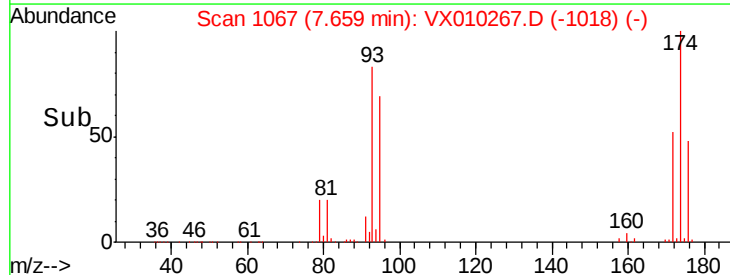
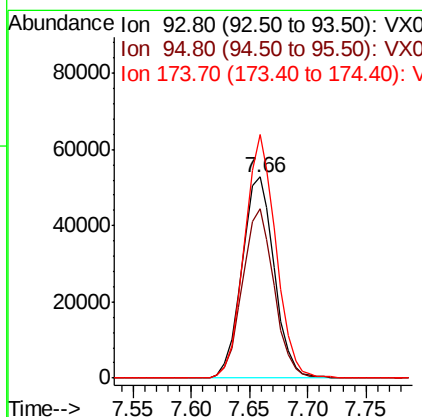
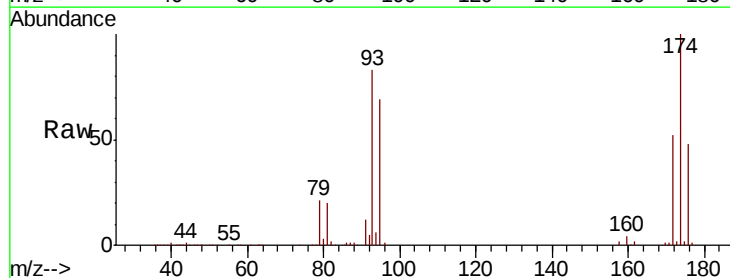
Instrument :
 MSVOA_X
 ClientSampleId :

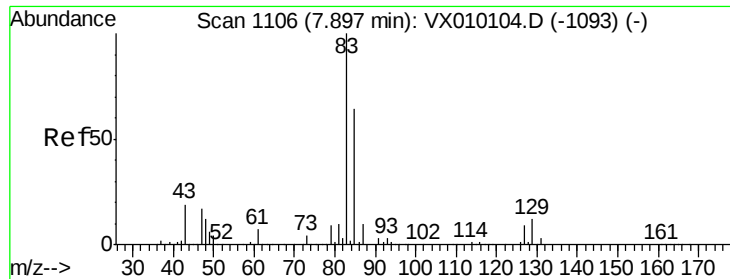
Tot Ion: 63 Resp: 143185
 Ion Ratio Lower Upper
 63 100
 65 29.8 25.7 38.5



#46
 Dibromomethane
 Concen: 47.440 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX010267.D
 Acq: 13 Jun 2019 09:57

Tgt Ion: 93 Resp: 102524
 Ion Ratio Lower Upper
 93 100
 95 82.4 66.8 100.2
 174 117.9 81.9 122.9





#47

Bromodichloromethane

Concen: 48.117 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

ClientSampled :

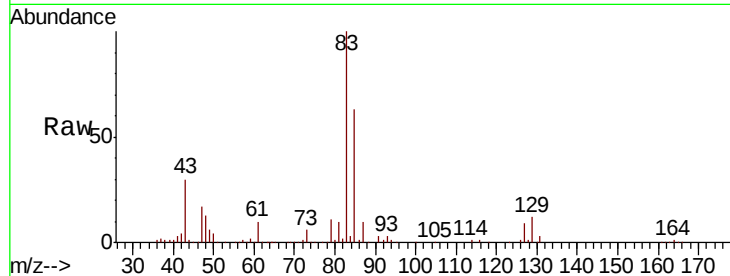
Tot Ion: 83 Resp: 194308

Ion Ratio Lower Upper

83 100

85 63.0 51.4 77.2

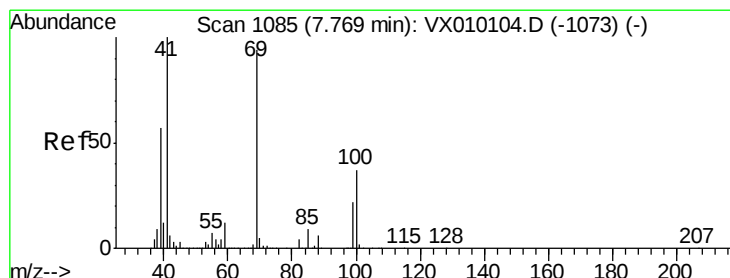
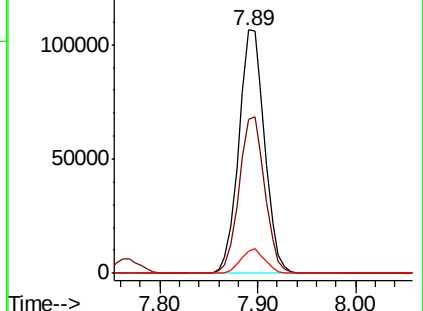
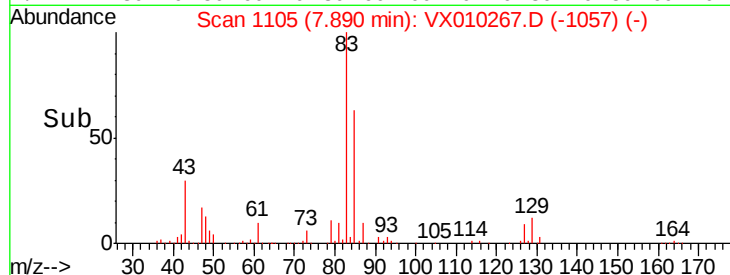
127 8.9 6.4 9.6



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: 47.641 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.01 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

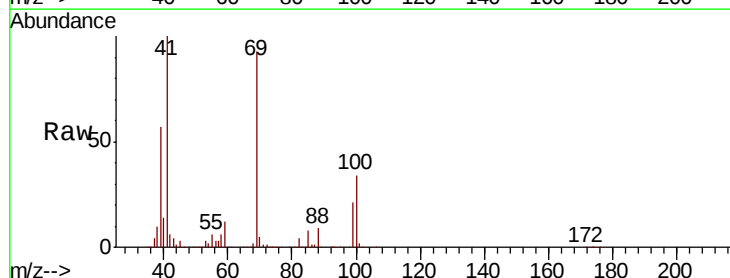
Tgt Ion: 41 Resp: 144467

Ion Ratio Lower Upper

41 100

69 96.7 56.4 84.6#

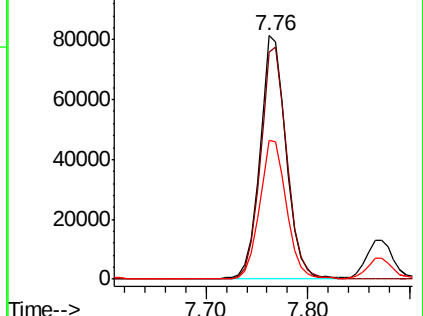
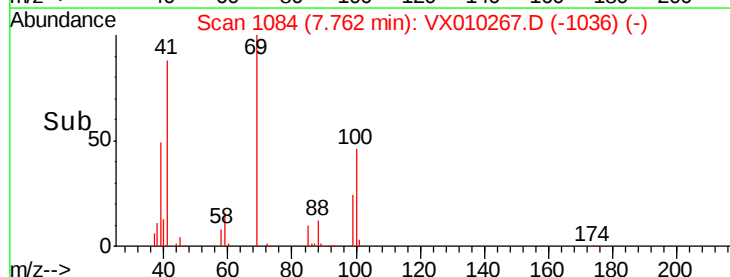
39 59.1 40.6 60.8

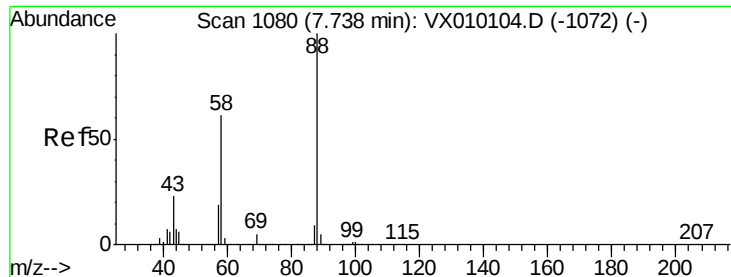


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

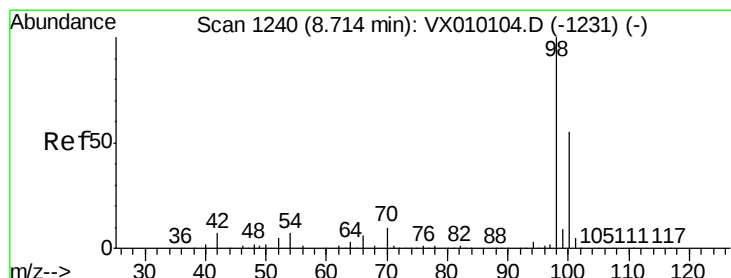
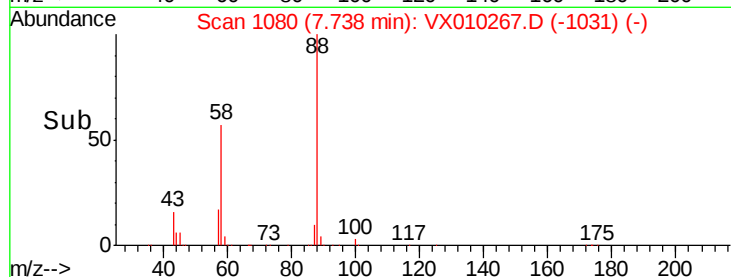
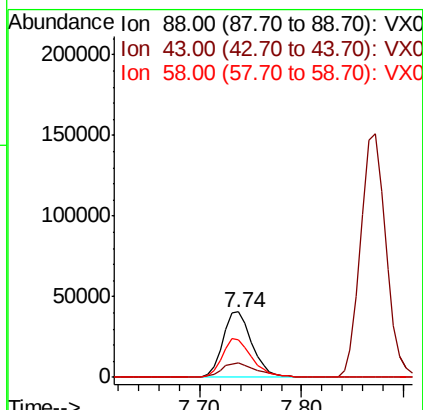
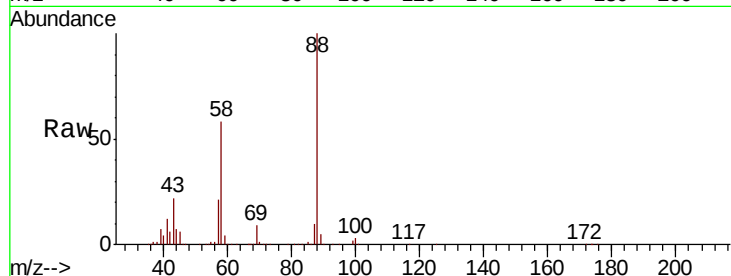




#49
1,4-Dioxane
Concen: 933.253 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

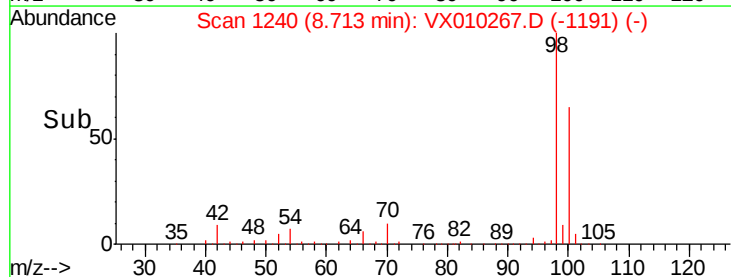
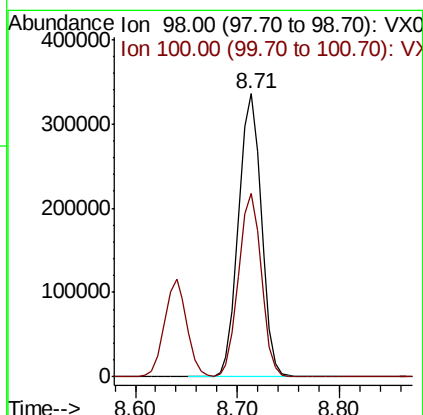
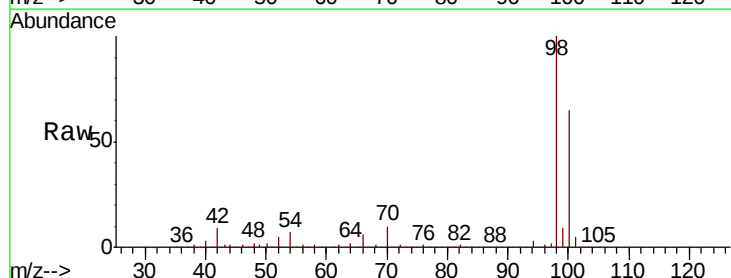
Instrument :
MSVOA_X
ClientSampleId :

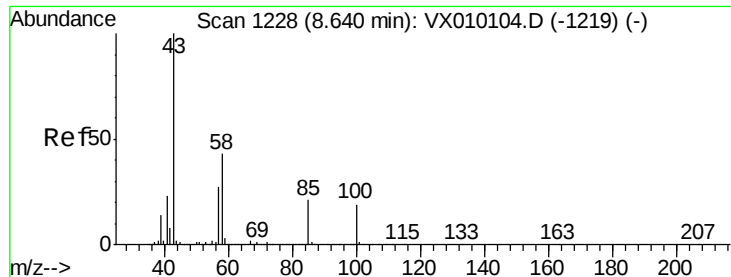
Tot Ion: 88 Resp: 80686
Ion Ratio Lower Upper
88 100
43 25.2 30.2 45.4#
58 60.8 64.0 96.0#



#50
Toluene-d8
Concen: 49.178 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

Tgt Ion: 98 Resp: 519373
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 252.091 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

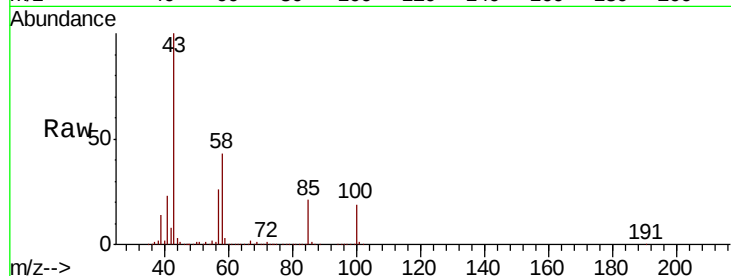
ClientSampleId :

Tot Ion: 43 Resp: 976485

Ion Ratio Lower Upper

43 100

58 42.0 28.8 43.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

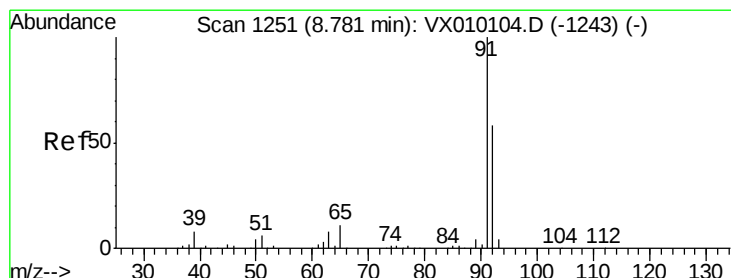
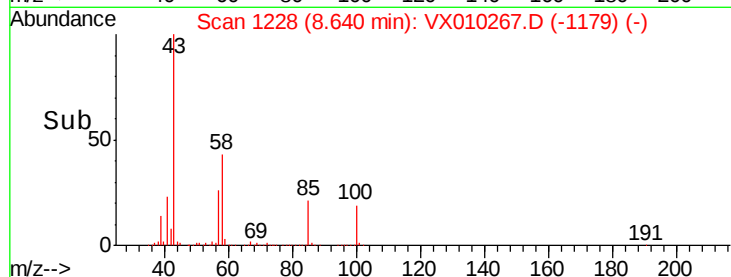
600000

400000

200000

0

Time--> 8.50 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 48.411 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX010267.D

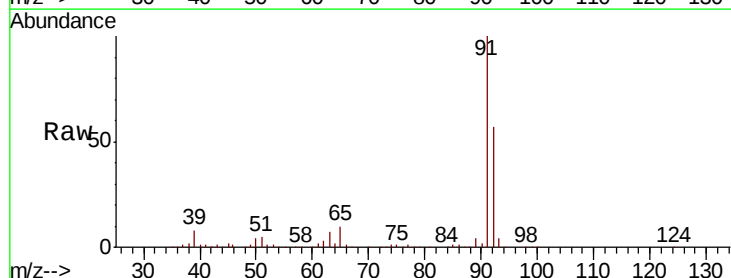
Acq: 13 Jun 2019 09:57

Tgt Ion: 92 Resp: 366758

Ion Ratio Lower Upper

92 100

91 175.0 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

500000

400000

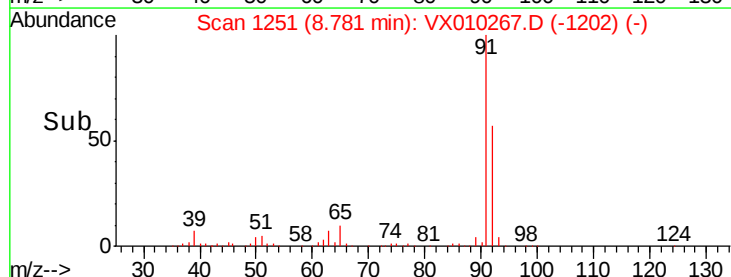
300000

200000

100000

0

Time--> 8.70 8.75 8.80 8.85

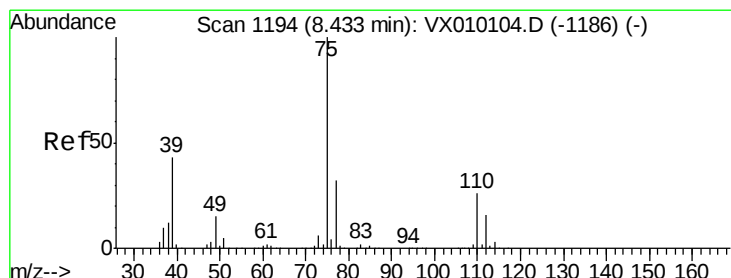
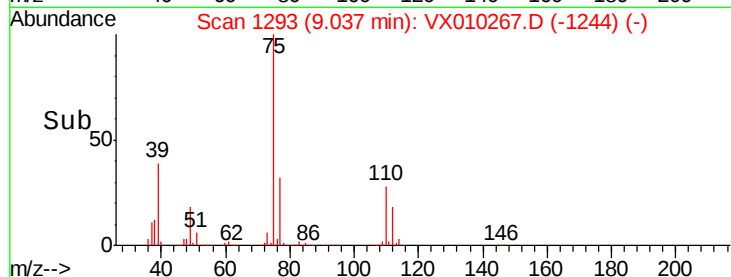
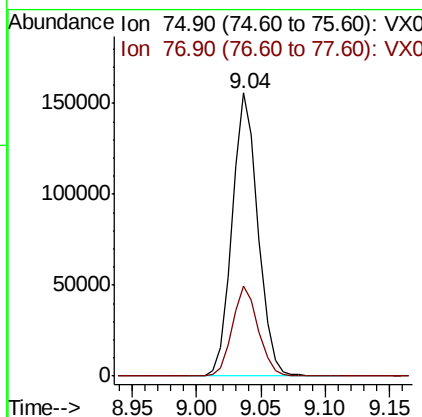
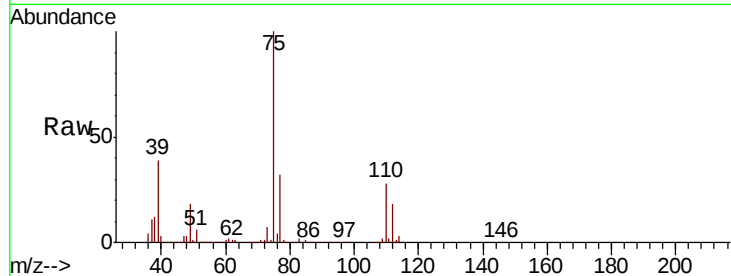




#53
t-1,3-Dichloropropene
Concen: 46.787 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

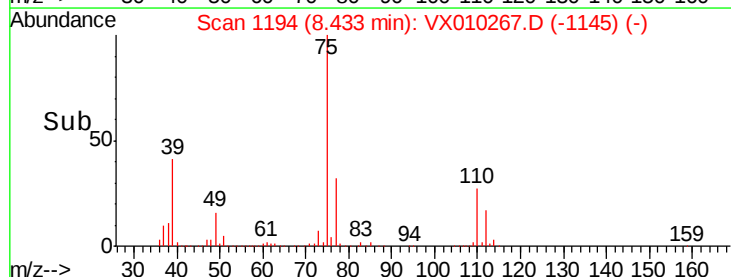
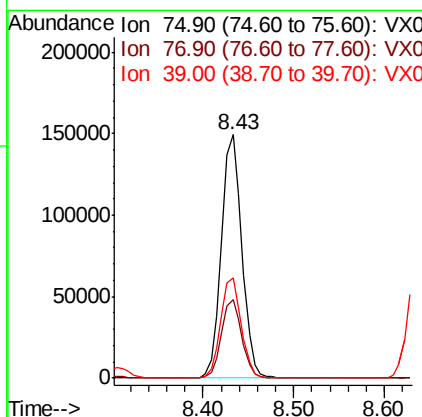
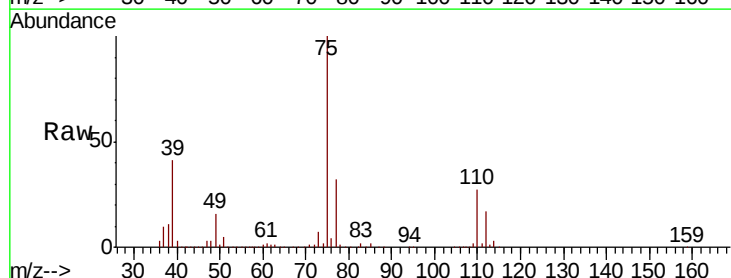
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 218541
Ion Ratio Lower Upper
75 100
77 31.6 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 46.949 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

Tgt Ion: 75 Resp: 235095
Ion Ratio Lower Upper
75 100
77 32.5 24.8 37.2
39 40.9 43.4 65.0#





#55

1,1,2-Trichloroethane

Concen: 49.898 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 154817

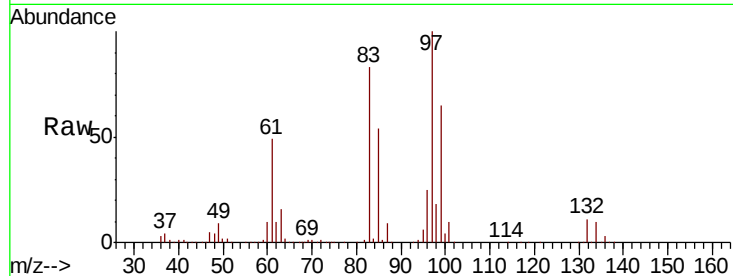
Ion Ratio Lower Upper

97 100

83 82.7 69.8 104.8

85 53.8 45.3 67.9

99 64.6 49.0 73.4



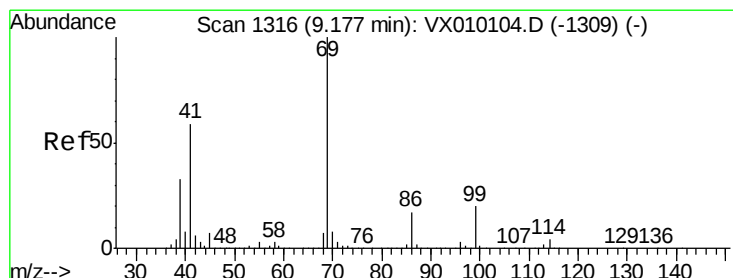
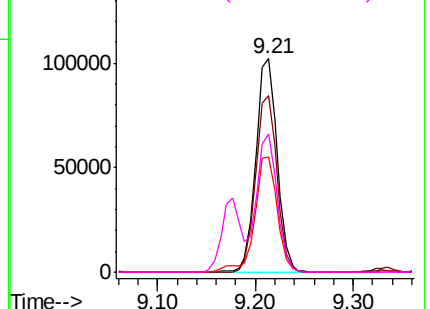
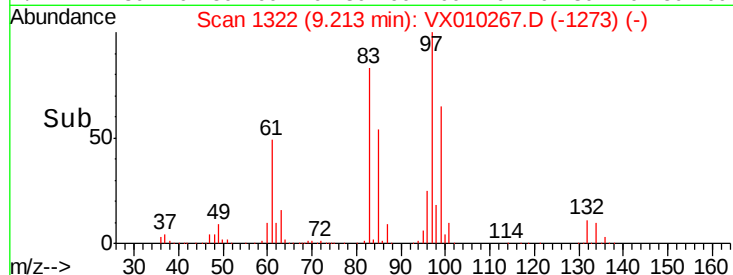
Abundance

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: 48.906 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

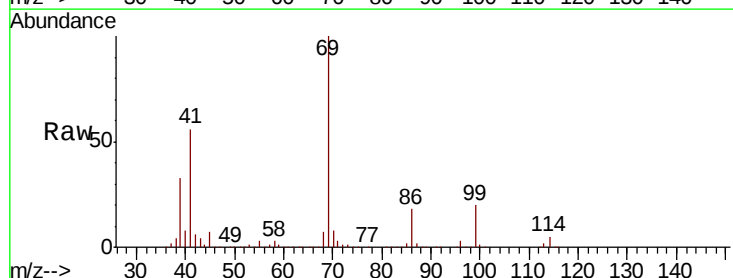
Tgt Ion: 69 Resp: 239695

Ion Ratio Lower Upper

69 100

41 57.6 62.7 94.1#

39 32.8 29.5 44.3

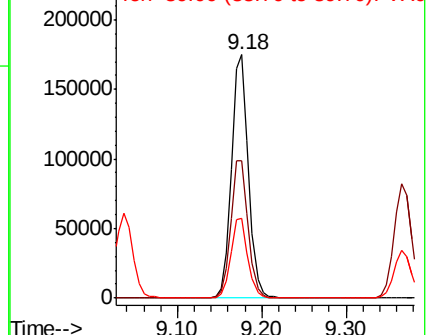
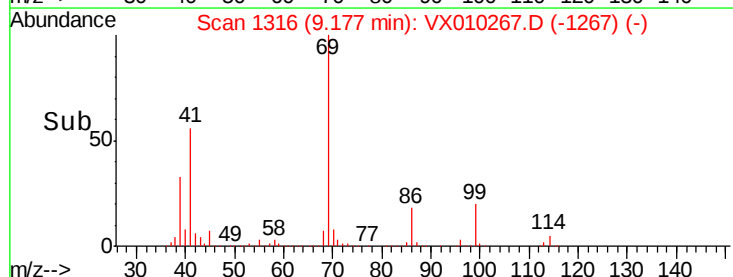


Abundance

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

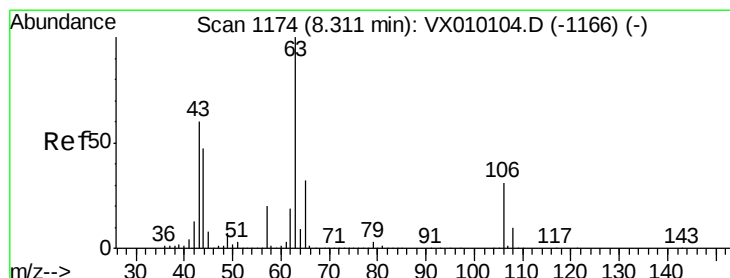
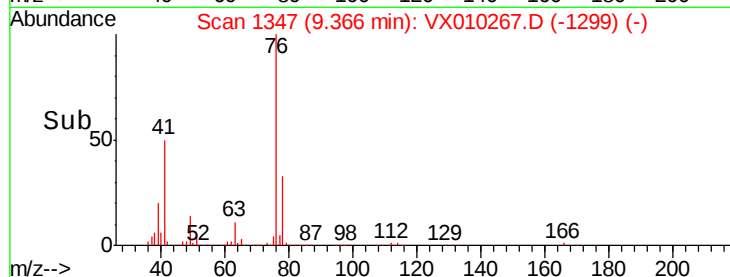
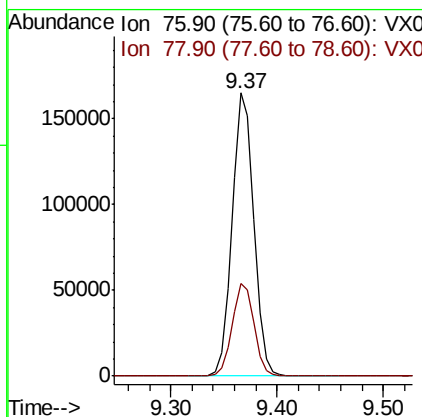
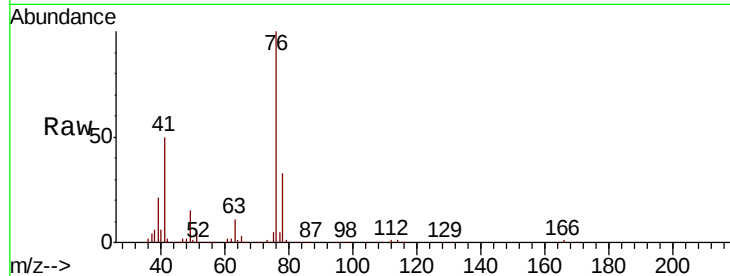




#57
 1,3-Dichloropropane
 Concen: 48.232 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX010267.D
 Acq: 13 Jun 2019 09:57

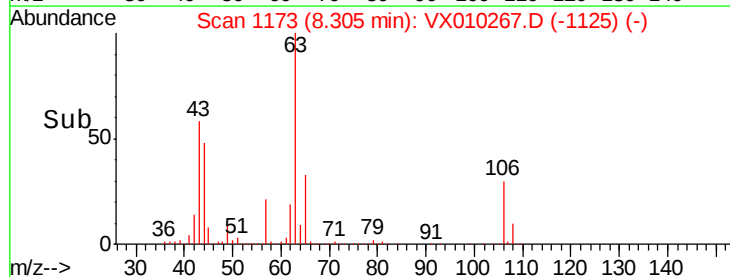
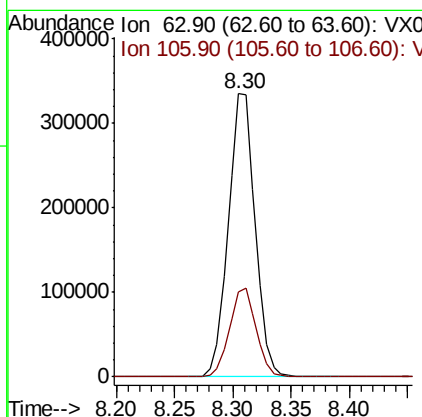
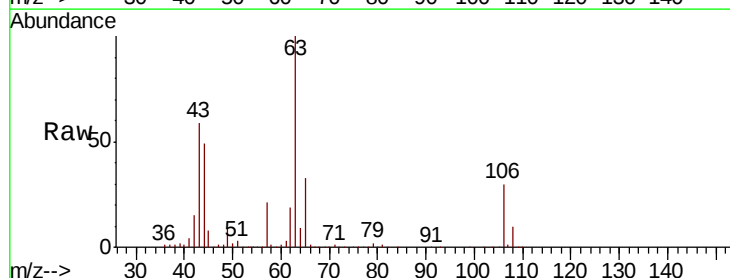
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 76 Resp: 235598
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 231.623 ug/l
 RT: 8.30 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: VX010267.D
 Acq: 13 Jun 2019 09:57

Tgt Ion: 63 Resp: 535173
 Ion Ratio Lower Upper
 63 100
 106 31.1 19.4 29.2#

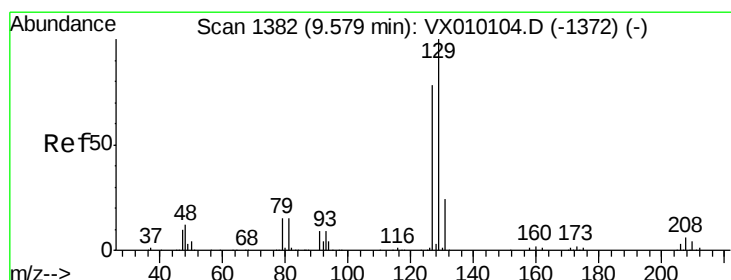
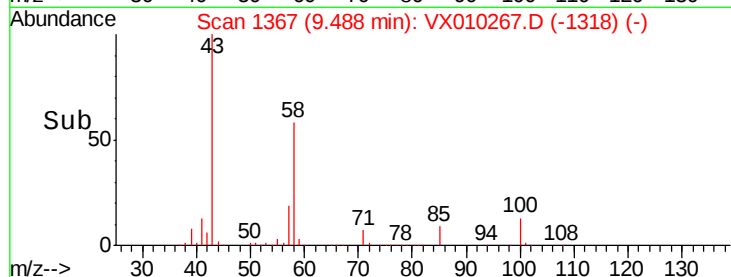
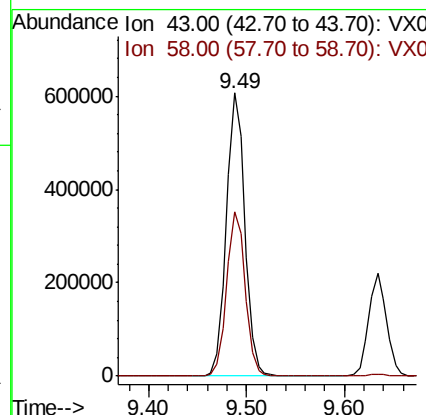
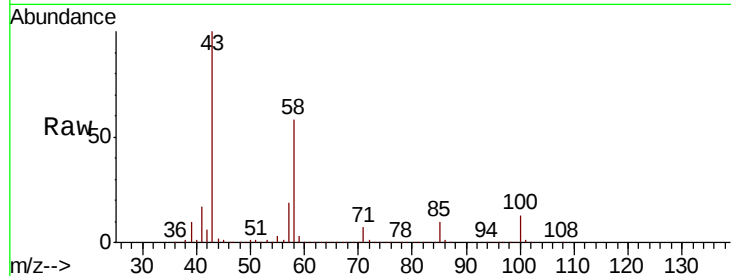




#59
2-Hexanone
Concen: 257.870 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

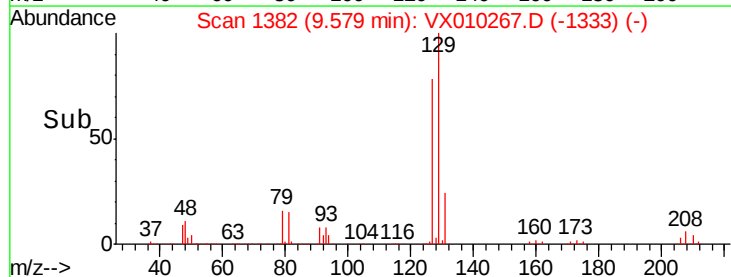
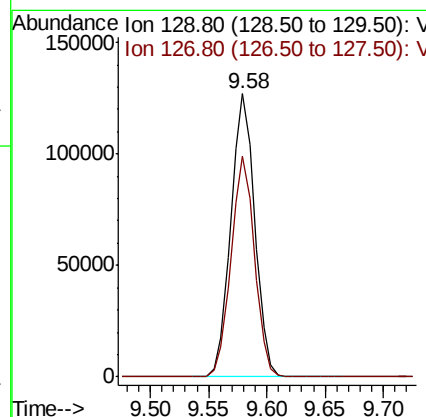
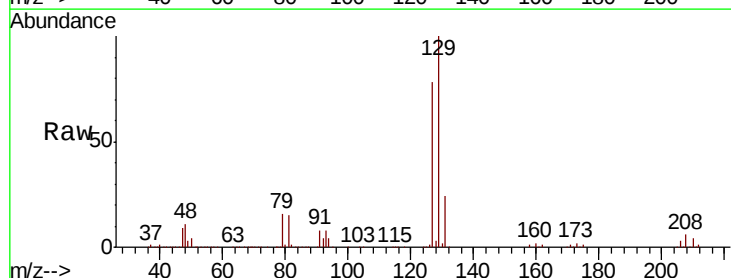
Instrument :
MSVOA_X
ClientSampleId :

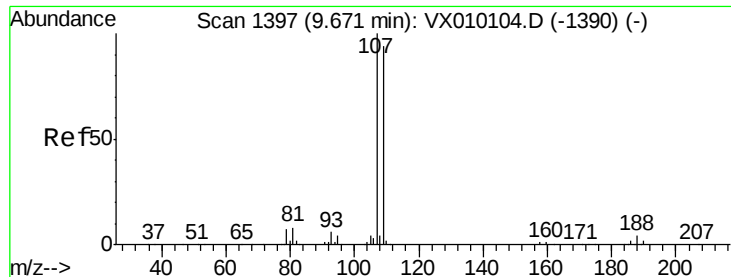
Tot Ion: 43 Resp: 796410
Ion Ratio Lower Upper
43 100
58 58.2 25.1 75.3



#60
Dibromochloromethane
Concen: 49.419 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

Tgt Ion:129 Resp: 181365
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5

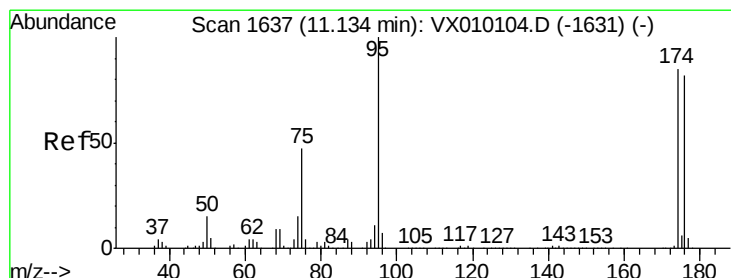
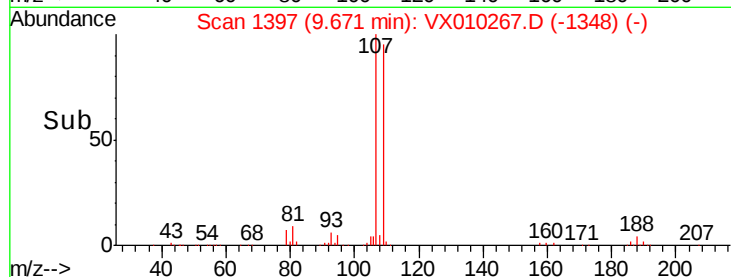
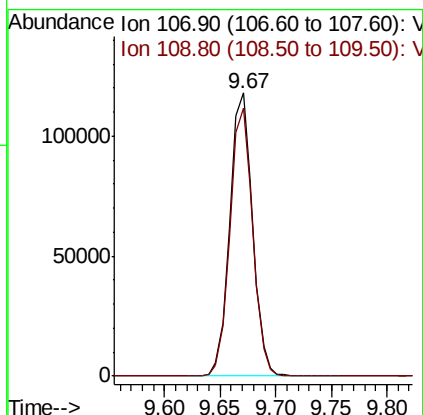
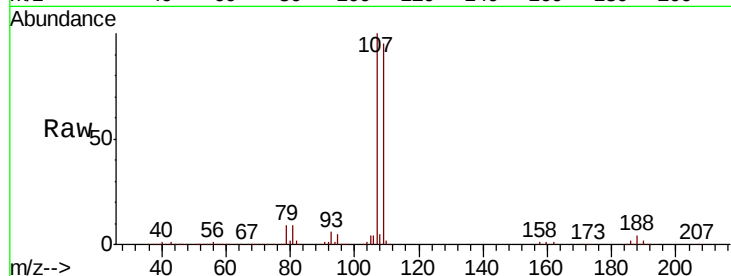




#61
 1,2-Dibromoethane
 Concen: 48.194 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX010267.D
 Acq: 13 Jun 2019 09:57

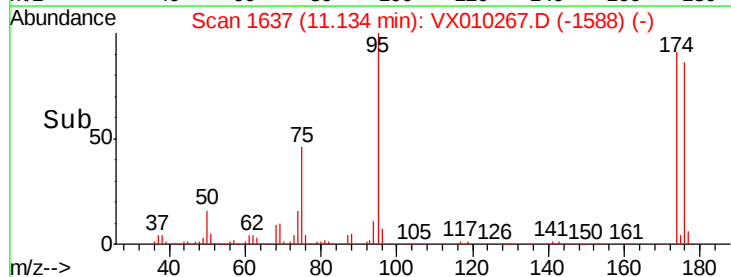
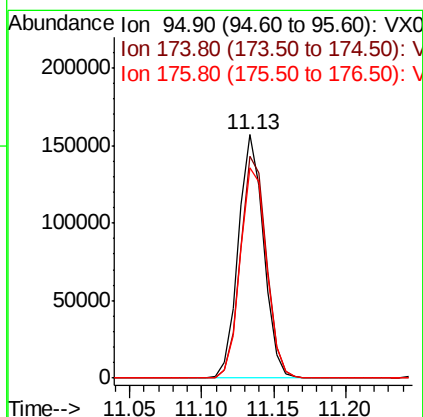
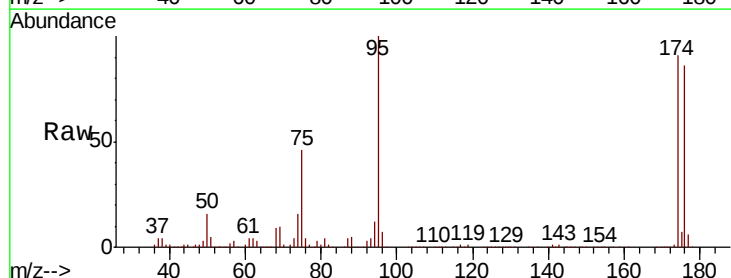
Instrument :
 MSVOA_X
 ClientSampled :

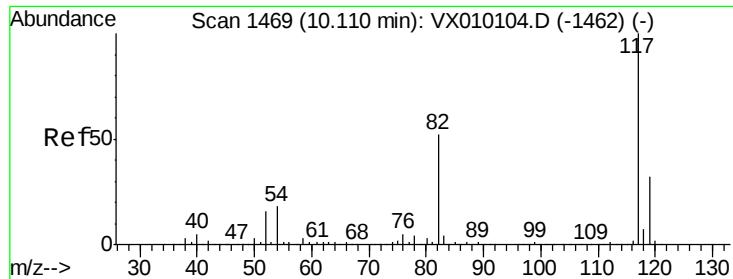
Tot Ion:107 Resp: 166540
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 48.688 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX010267.D
 Acq: 13 Jun 2019 09:57

Tgt Ion: 95 Resp: 192032
 Ion Ratio Lower Upper
 95 100
 174 93.7 0.0 160.4
 176 89.8 0.0 154.6

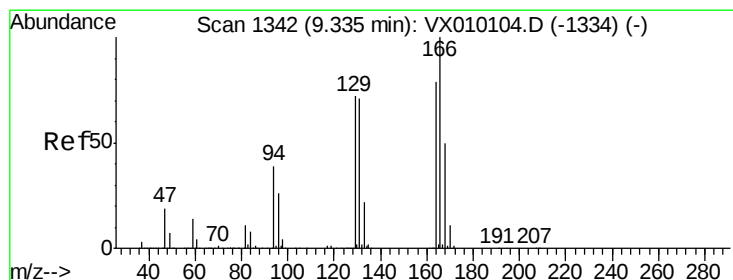
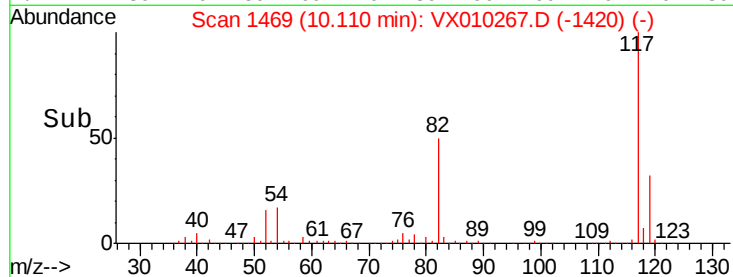
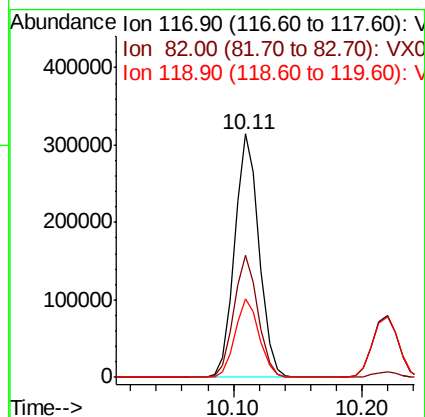
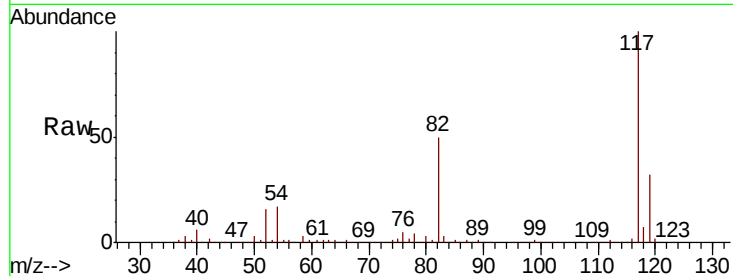




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

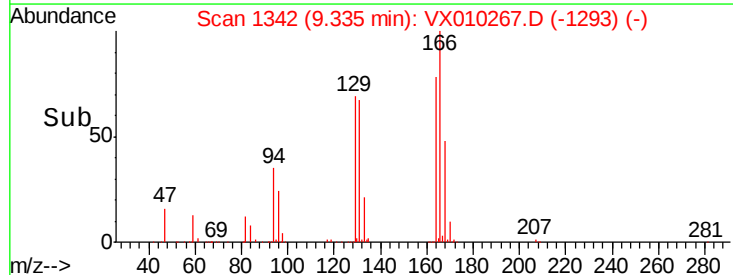
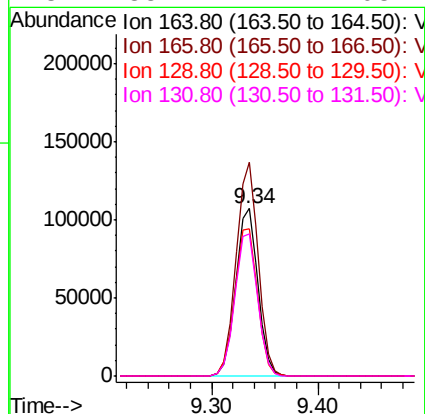
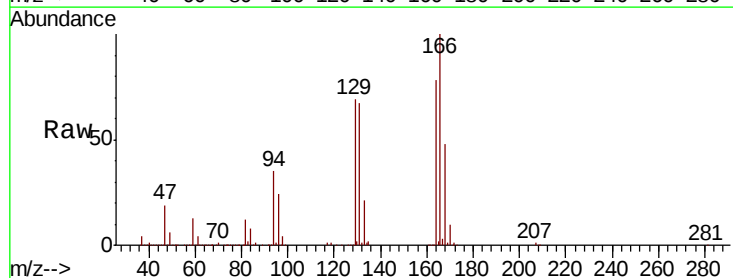
Instrument :
MSVOA_X
ClientSampleId :

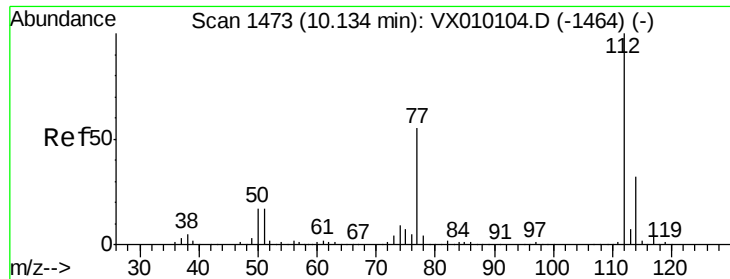
Tot Ion:117 Resp: 414308
Ion Ratio Lower Upper
117 100
82 49.9 49.2 73.8
119 32.4 25.2 37.8



#64
Tetrachloroethene
Concen: 50.978 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

Tgt Ion:164 Resp: 156866
Ion Ratio Lower Upper
164 100
166 127.7 105.0 157.4
129 87.7 75.1 112.7
131 85.2 72.2 108.4

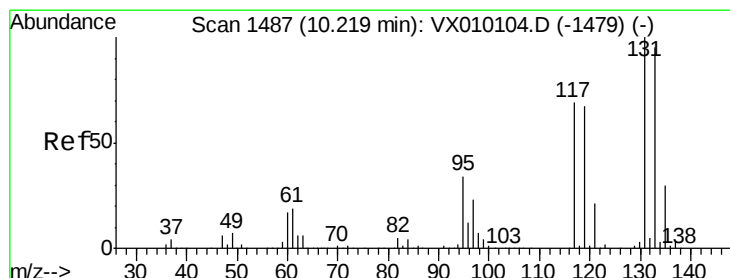
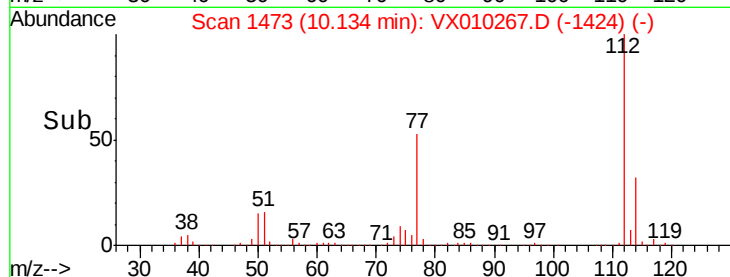
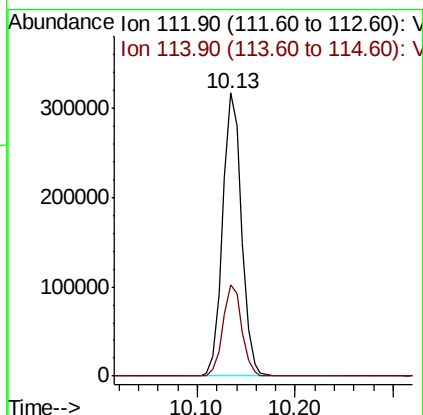
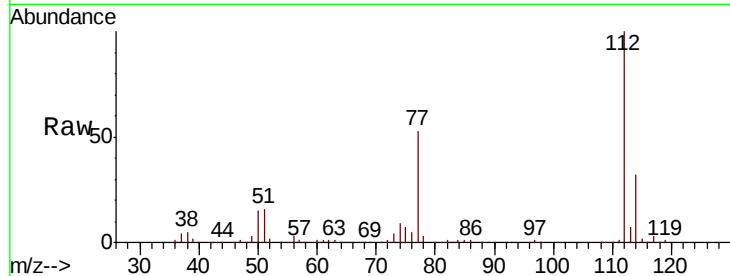




#65
Chlorobenzene
Concen: 49.713 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

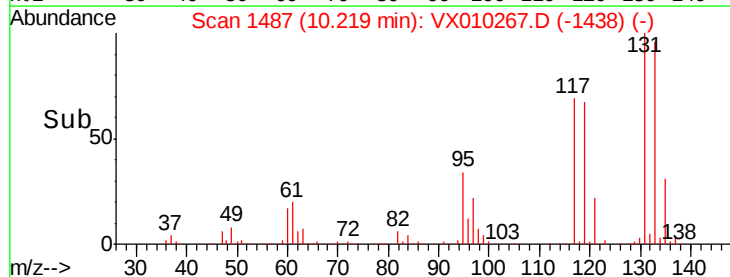
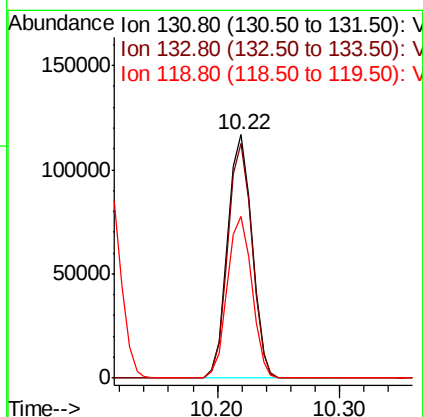
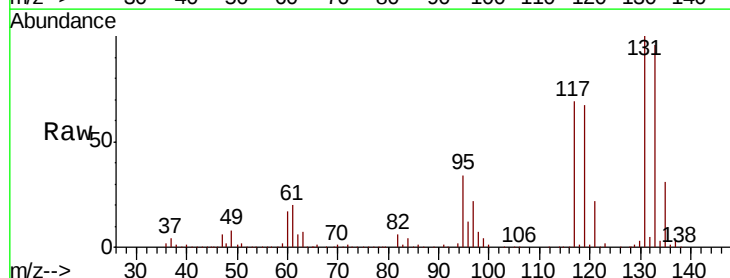
Instrument :
MSVOA_X
ClientSampleId :

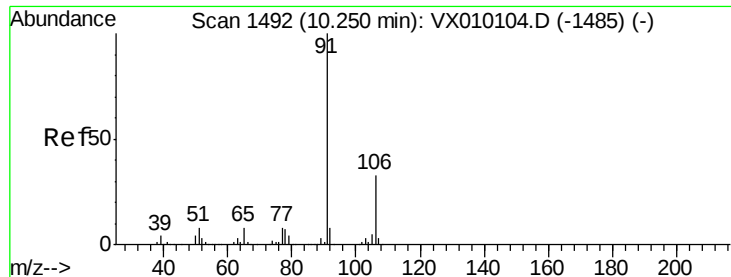
Tot Ion:112 Resp: 425093
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 48.991 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

Tgt Ion:131 Resp: 161102
Ion Ratio Lower Upper
131 100
133 95.7 47.5 142.6
119 67.2 33.4 100.1





#67

Ethyl Benzene

Concen: 49.546 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

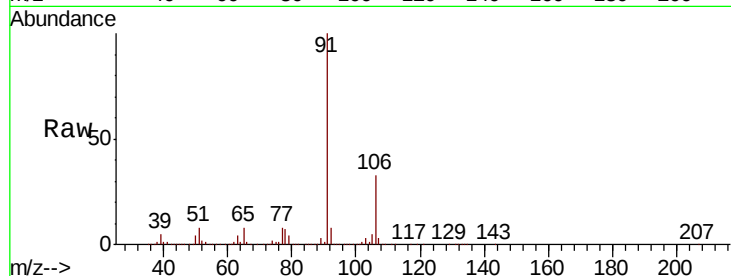
ClientSampled :

Tot Ion: 91 Resp: 721234

Ion Ratio Lower Upper

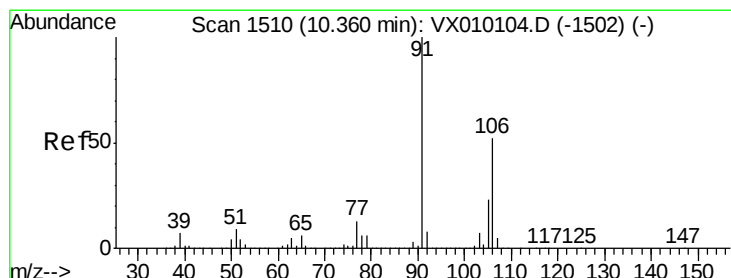
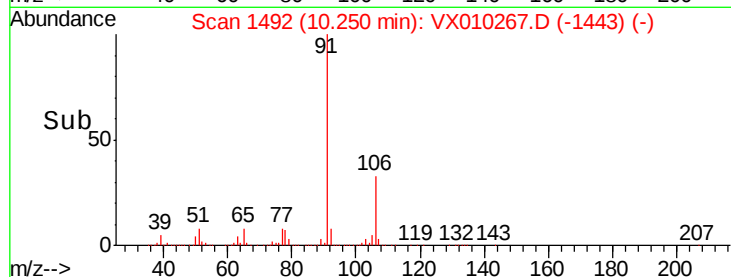
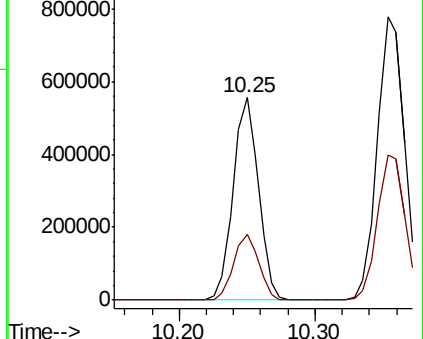
91 100

106 32.7 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 99.338 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX010267.D

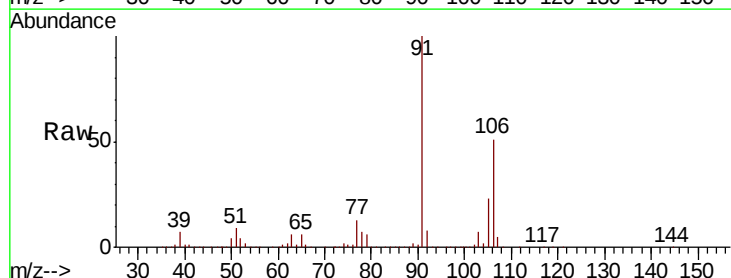
Acq: 13 Jun 2019 09:57

Tgt Ion: 106 Resp: 559574

Ion Ratio Lower Upper

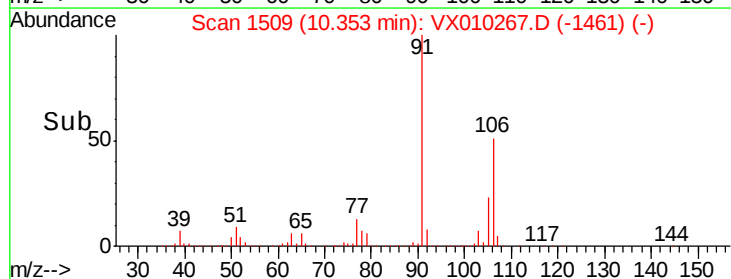
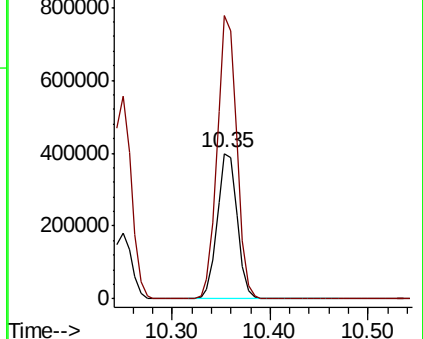
106 100

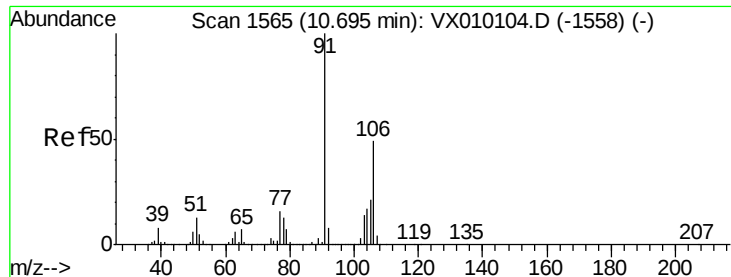
91 192.2 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

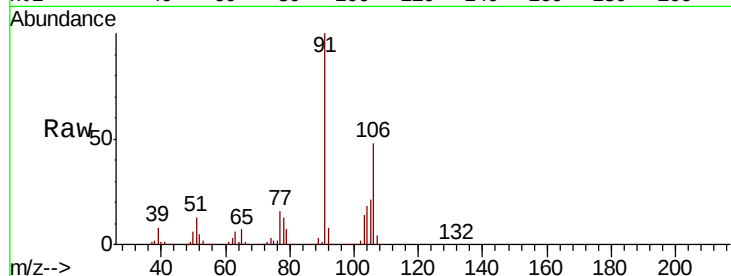




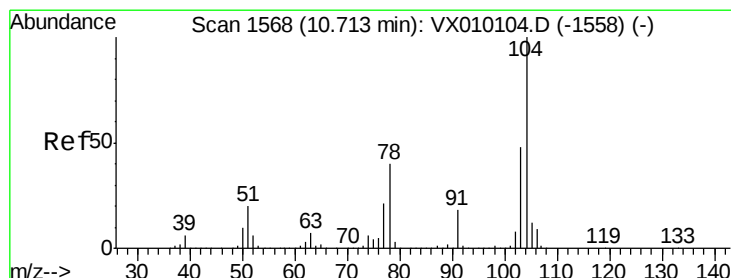
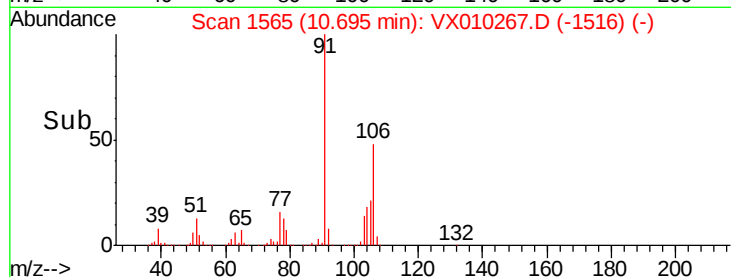
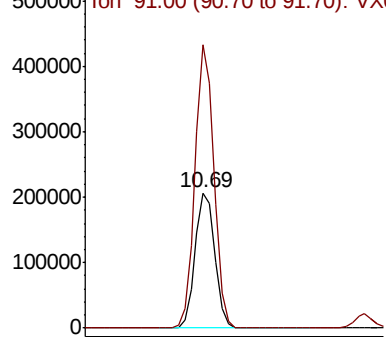
#69
o-Xylene
Concen: 49.293 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 276017
Ion Ratio Lower Upper
106 100
91 202.0 110.4 331.2

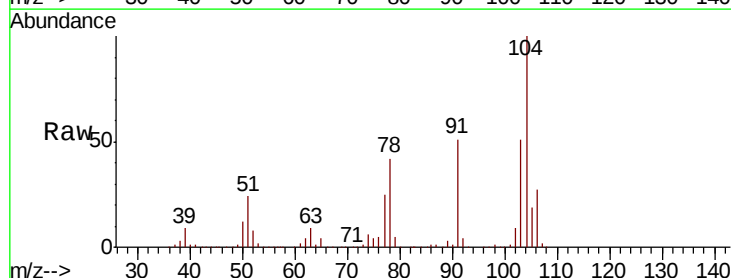


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

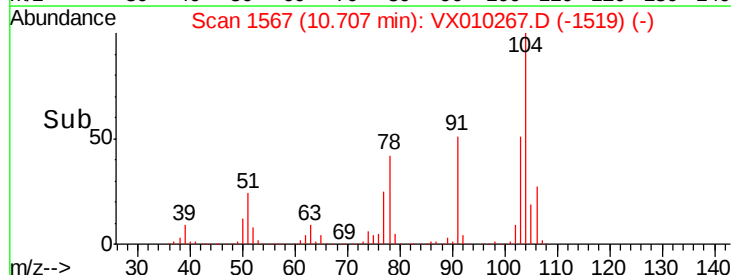
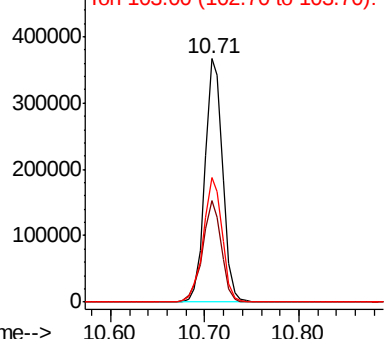


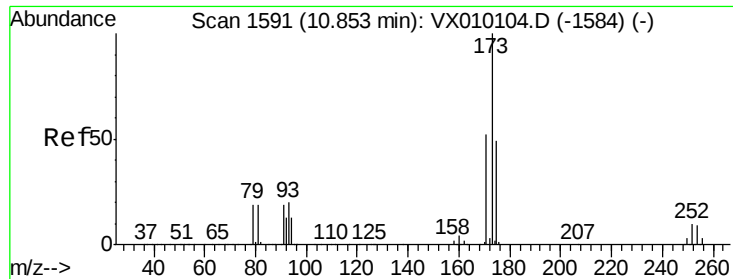
#70
Styrene
Concen: 50.105 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

Tgt Ion:104 Resp: 475179
Ion Ratio Lower Upper
104 100
78 44.7 42.1 63.1
103 54.8 44.1 66.1



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: 48.587 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

ClientSampled :

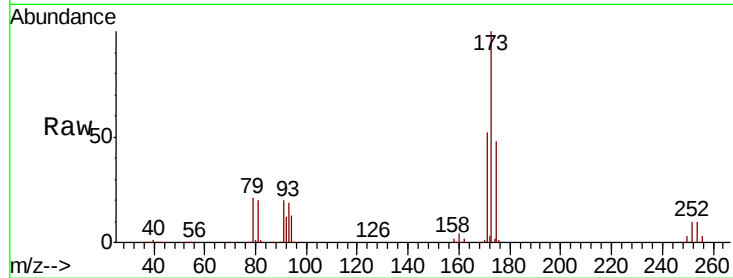
Tot Ion:173 Resp: 146882

Ion Ratio Lower Upper

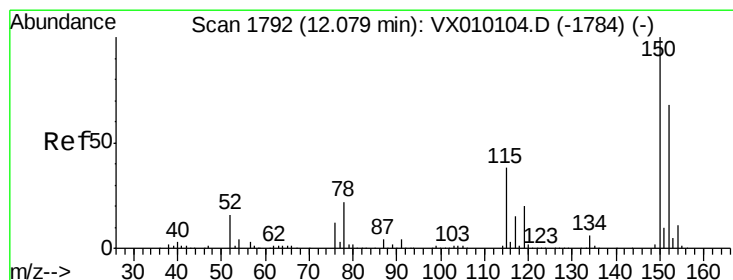
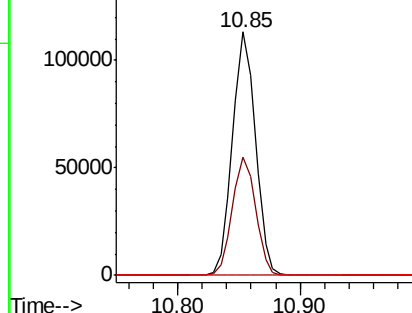
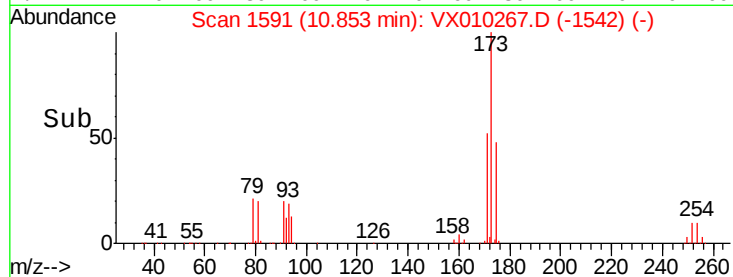
173 100

175 49.1 25.0 75.0

254 0.1 0.2 0.2#



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: VX010267.D

Acq: 13 Jun 2019 09:57

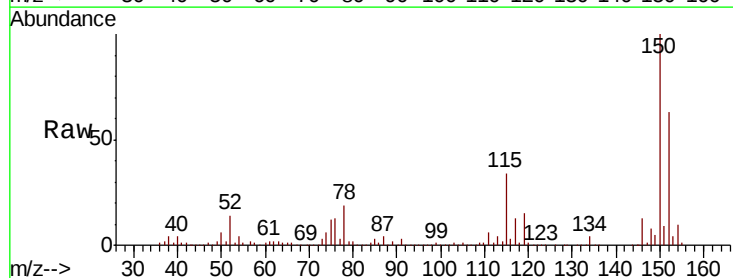
Tgt Ion:152 Resp: 216334

Ion Ratio Lower Upper

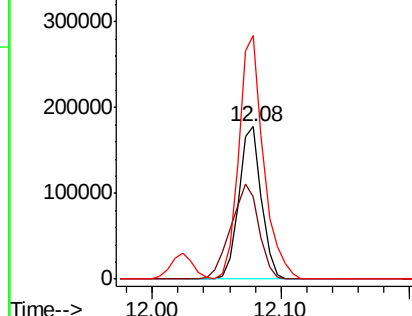
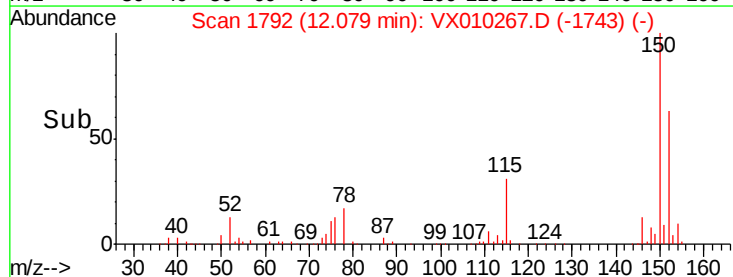
152 100

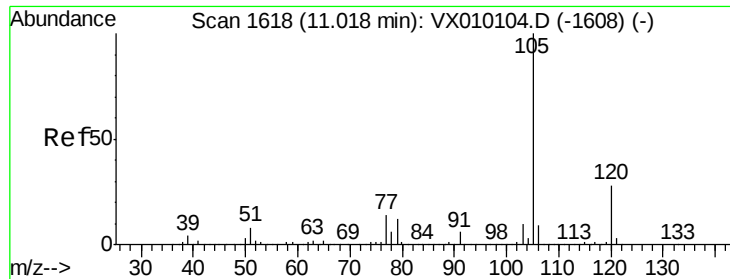
115 77.8 41.4 124.2

150 174.5 0.0 345.2



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: 48.631 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

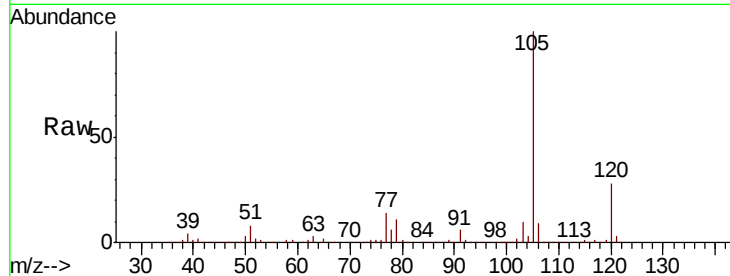
ClientSampleId :

Tot Ion:105 Resp: 734402

Ion Ratio Lower Upper

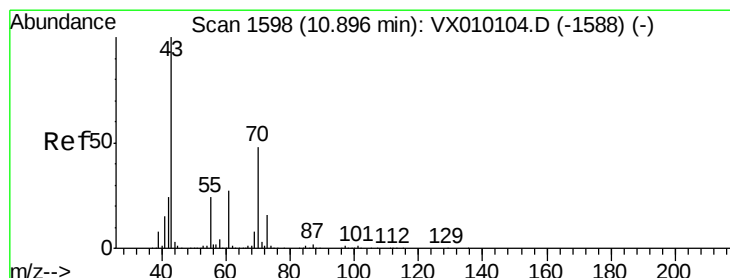
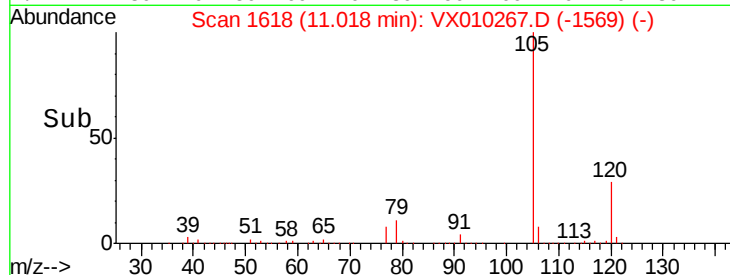
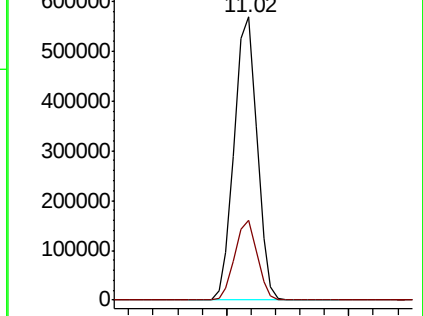
105 100

120 28.0 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.503 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Tgt Ion: 43 Resp: 277606

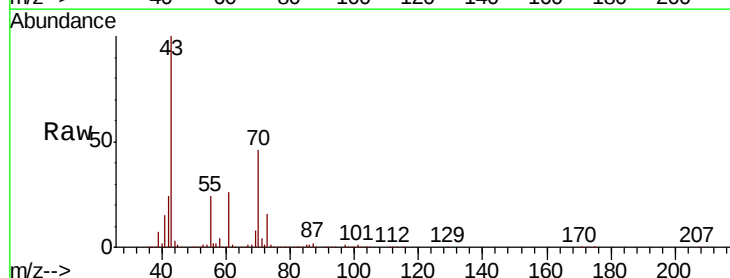
Ion Ratio Lower Upper

43 100

70 46.0 28.6 43.0#

55 23.9 17.8 26.8

61 26.4 17.7 26.5

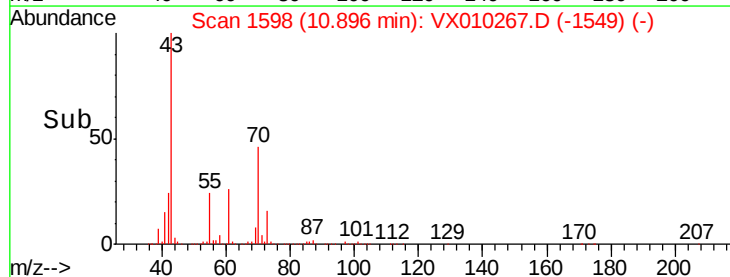
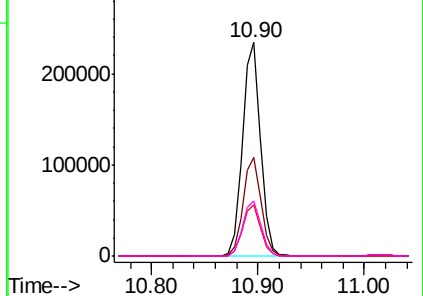


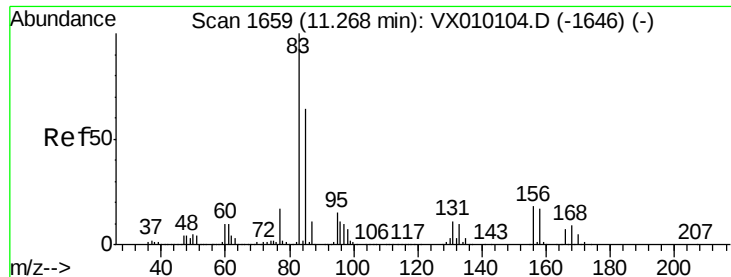
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 46.602 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

ClientSampled :

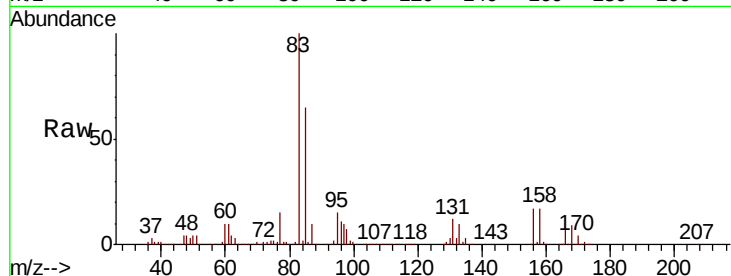
Tot Ion: 83 Resp: 240902

Ion Ratio Lower Upper

83 100

131 11.1 4.7 14.1

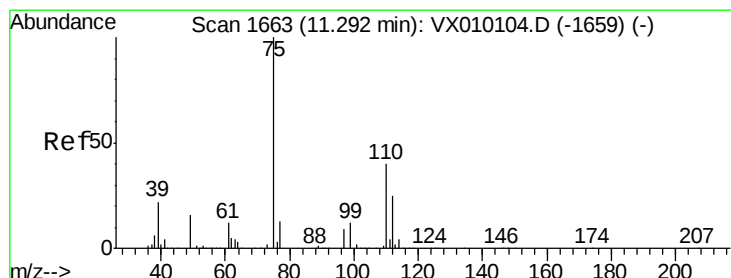
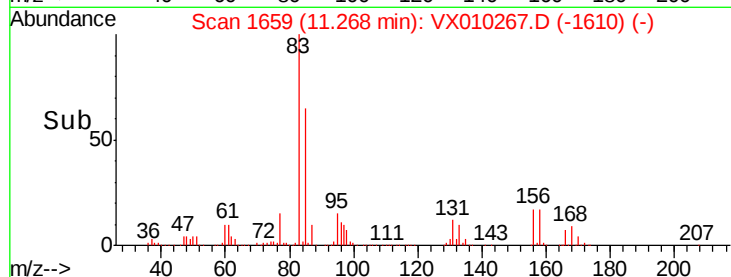
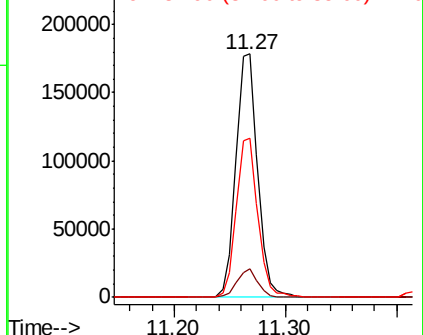
85 65.1 31.9 95.9



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: 64.362 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010267.D

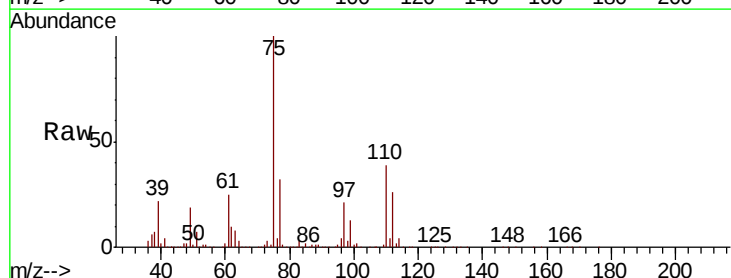
Acq: 13 Jun 2019 09:57

Tgt Ion: 75 Resp: 278502

Ion Ratio Lower Upper

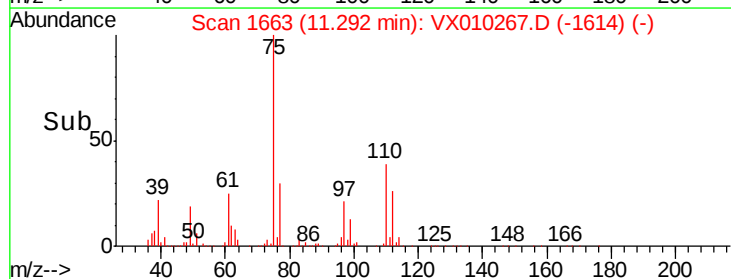
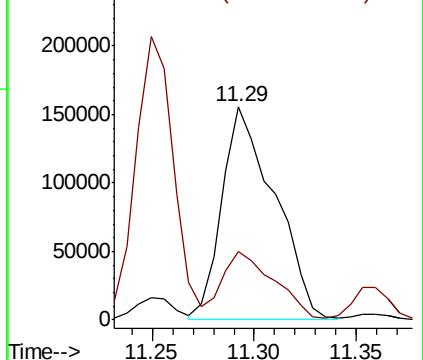
75 100

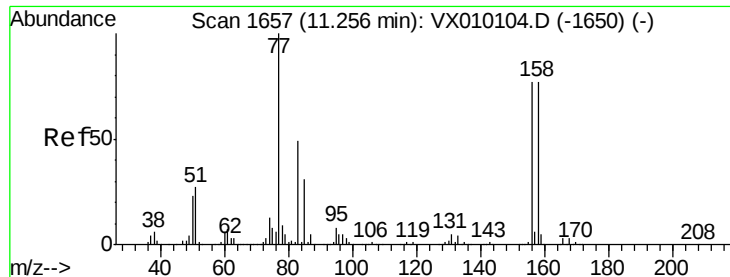
77 31.9 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.373 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

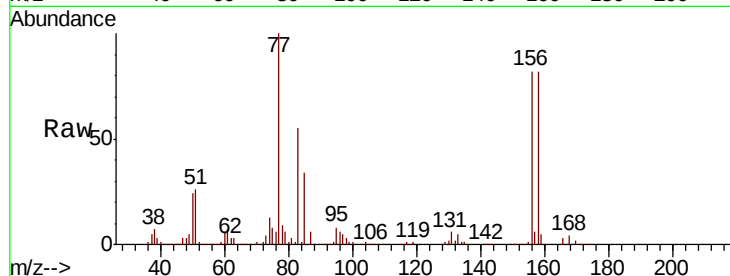
Tot Ion:156 Resp: 200887

Ion Ratio Lower Upper

156 100

77 132.6 86.8 260.3

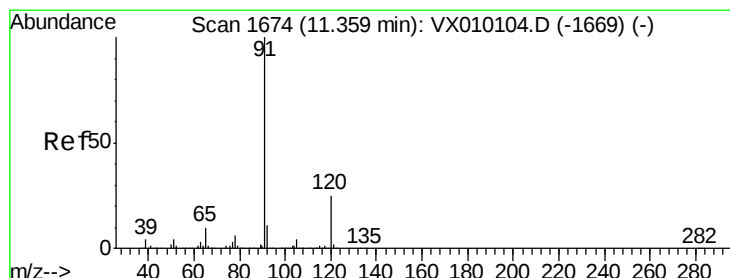
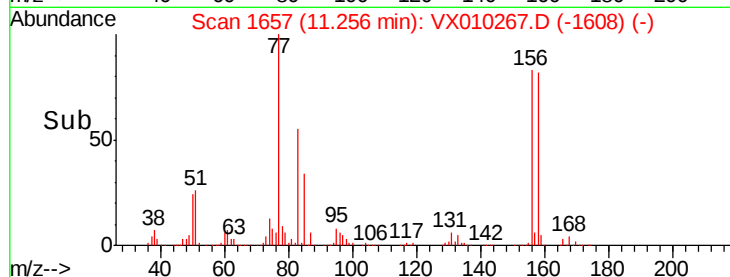
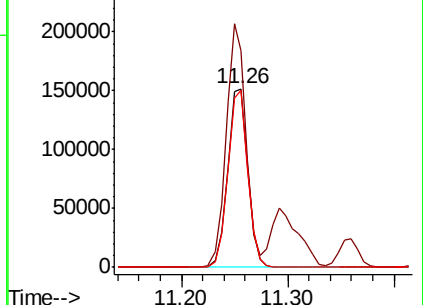
158 97.9 49.6 148.8



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: 49.355 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010267.D

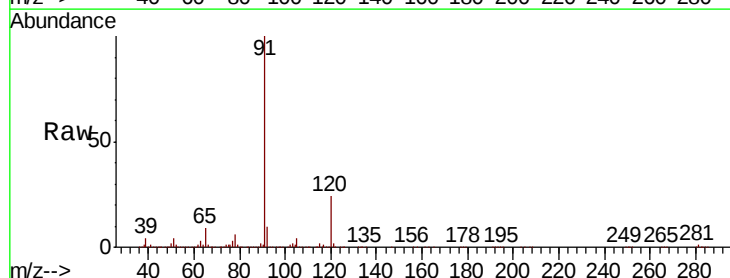
Acq: 13 Jun 2019 09:57

Tgt Ion: 91 Resp: 829779

Ion Ratio Lower Upper

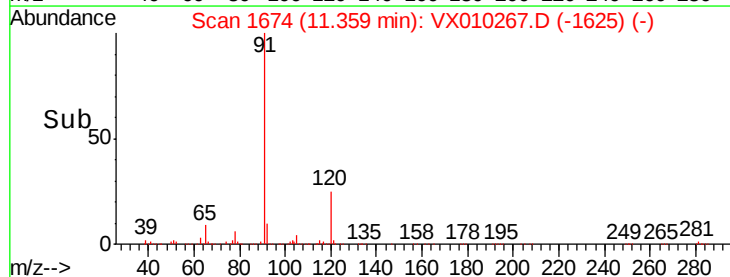
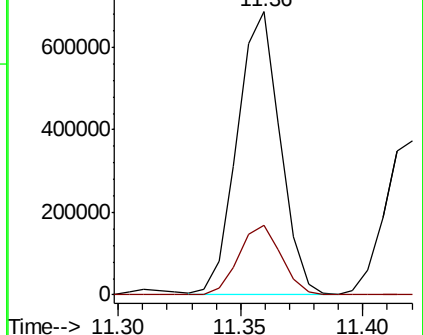
91 100

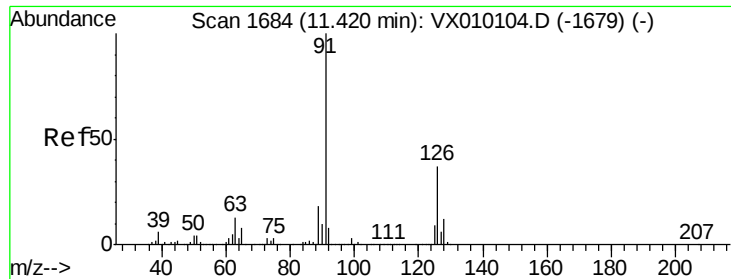
120 24.6 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.673 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

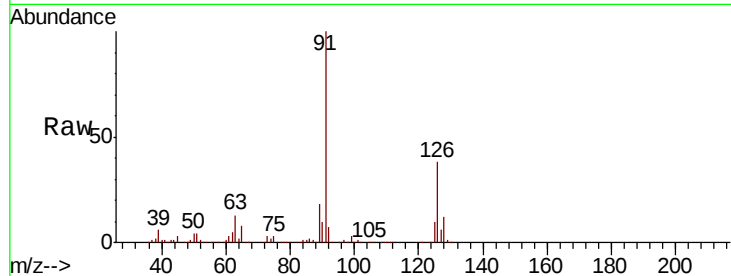
ClientSampleId :

Tot Ion: 91 Resp: 481372

Ion Ratio Lower Upper

91 100

126 37.5 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VX010104.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX010104.D (-1679) (-)

800000

600000

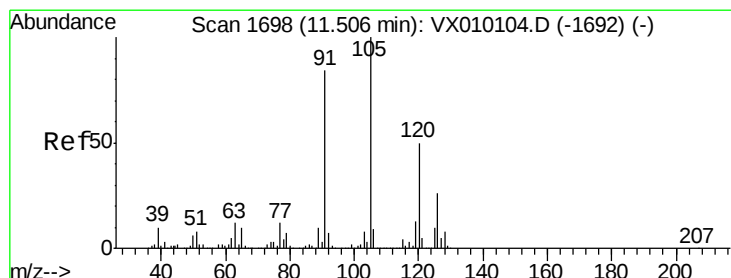
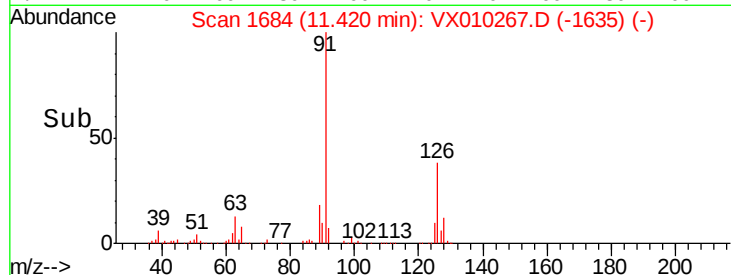
400000

200000

0

11.40 11.42 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 48.225 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010267.D

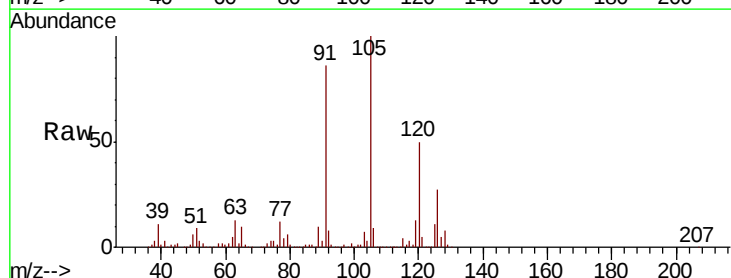
Acq: 13 Jun 2019 09:57

Tgt Ion: 105 Resp: 613395

Ion Ratio Lower Upper

105 100

120 50.4 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX010104.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX010104.D (-1692) (-)

600000

500000

400000

300000

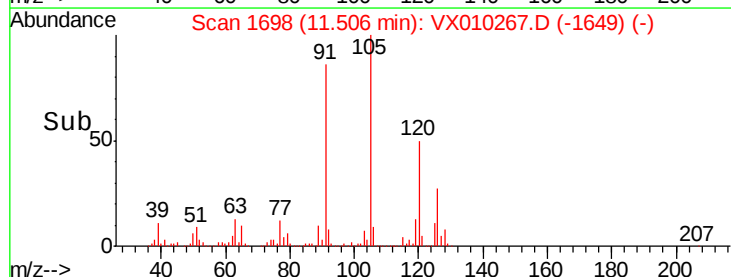
200000

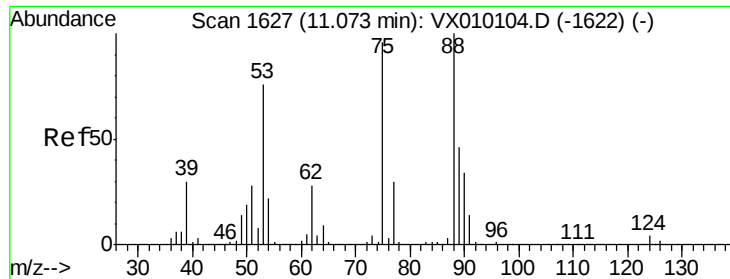
100000

0

11.50 11.51 11.60

Time-->

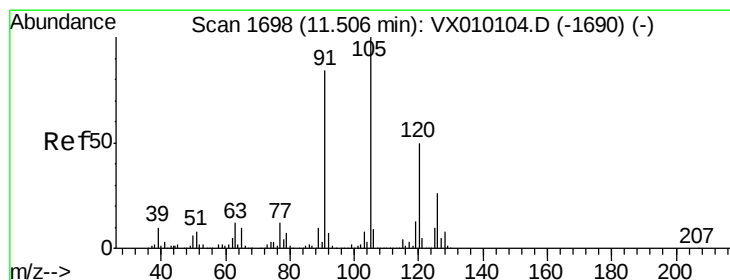
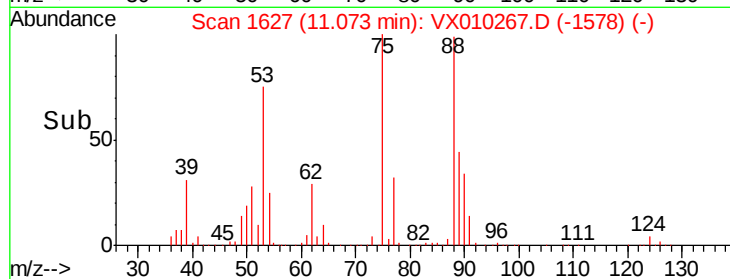
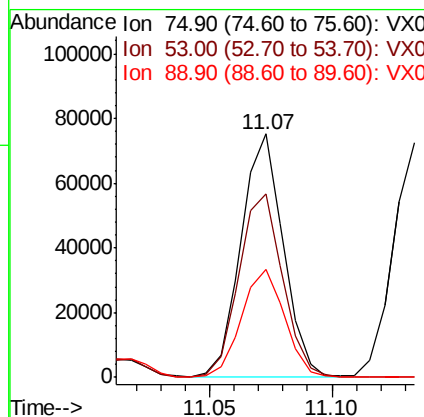
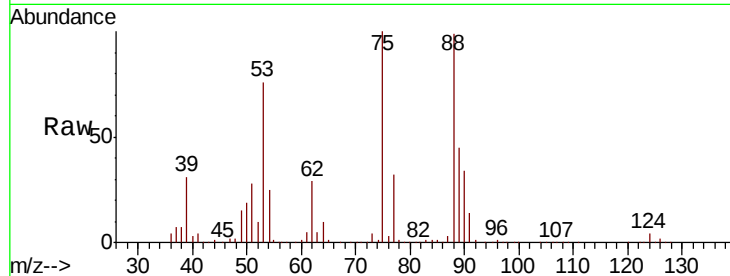




#81
trans-1,4-Dichloro-2-butene
Concen: 45.907 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

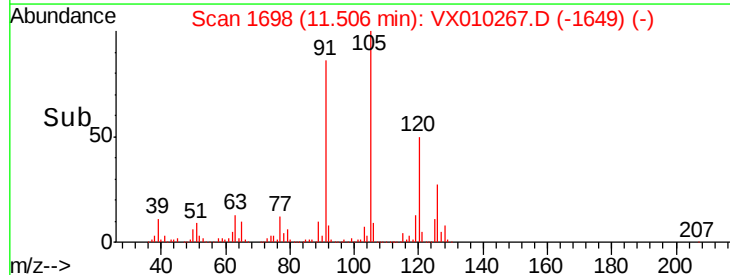
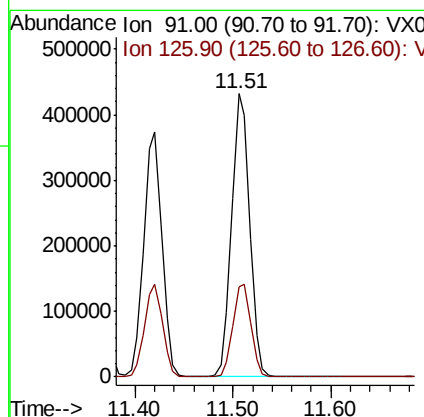
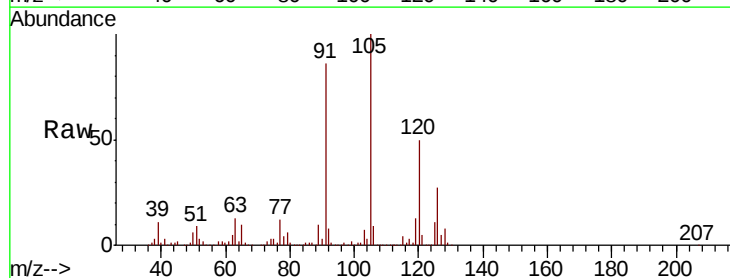
Instrument :
MSVOA_X
ClientSampleId :

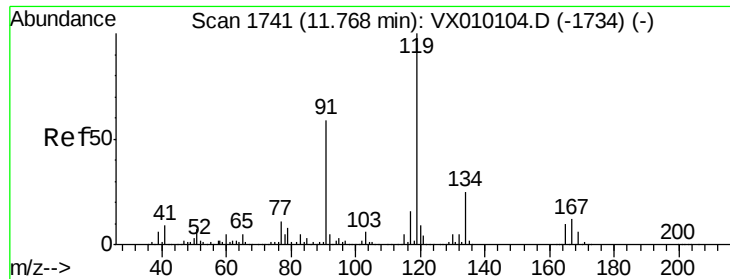
Tot Ion: 75 Resp: 89907
Ion Ratio Lower Upper
75 100
53 78.2 79.8 119.6#
89 45.8 34.2 51.4



#82
4-Chlorotoluene
Concen: 48.352 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

Tgt Ion: 91 Resp: 554614
Ion Ratio Lower Upper
91 100
126 33.0 14.2 42.6

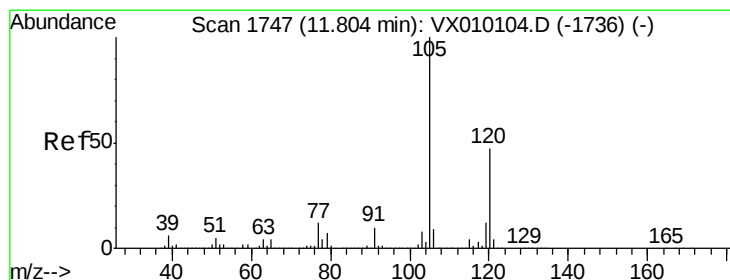
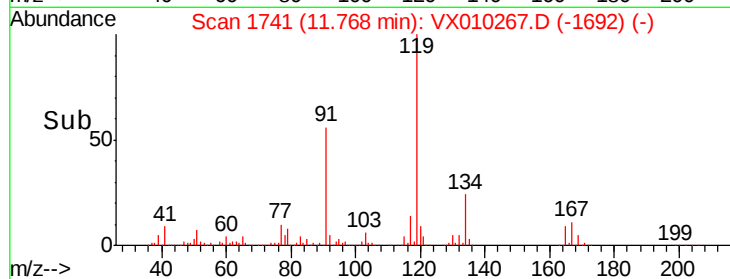
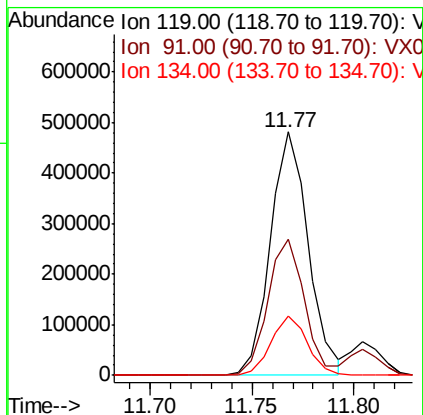
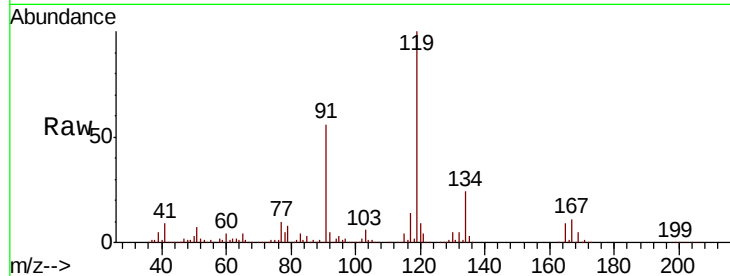




#83
tert-Butylbenzene
Concen: 48.542 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

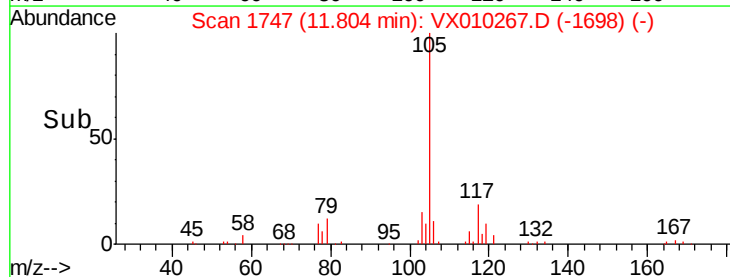
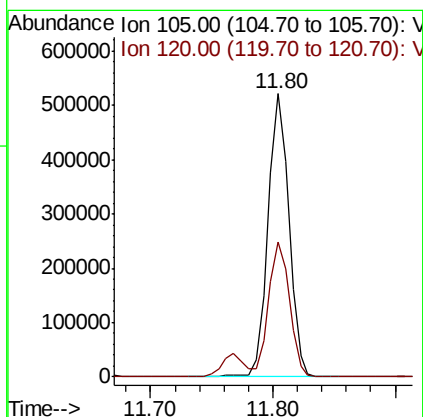
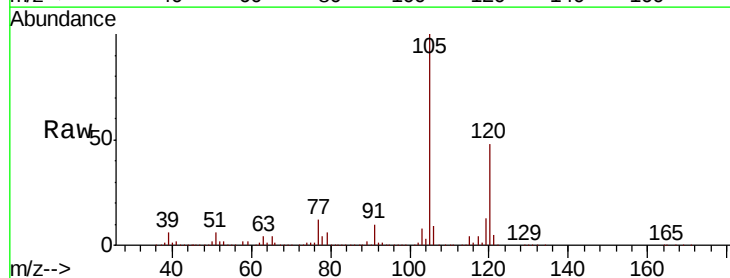
Instrument :
MSVOA_X
ClientSampled :

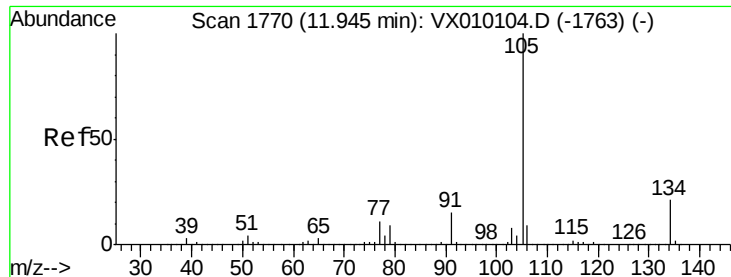
Tot Ion:119 Resp: 624934
Ion Ratio Lower Upper
119 100
91 54.3 30.0 90.0
134 23.4 11.2 33.5



#84
1,2,4-Trimethylbenzene
Concen: 48.346 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

Tgt Ion:105 Resp: 621144
Ion Ratio Lower Upper
105 100
120 48.0 22.1 66.1





#85

sec-Butylbenzene

Concen: 49.565 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

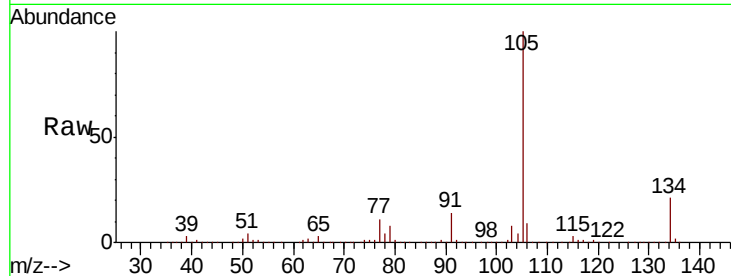
ClientSampleId :

Tot Ion:105 Resp: 743414

Ion Ratio Lower Upper

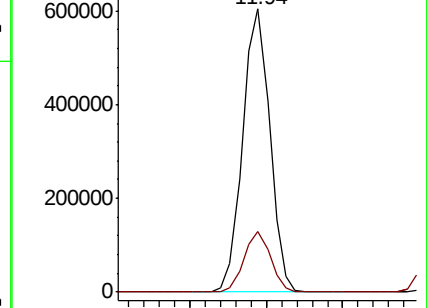
105 100

134 21.1 9.7 28.9

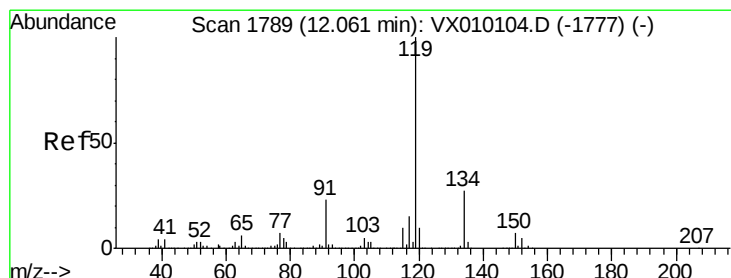
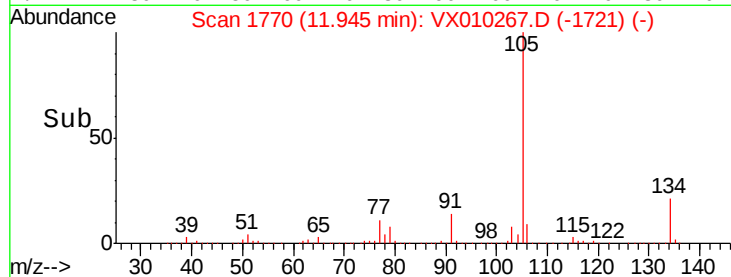


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 50.036 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

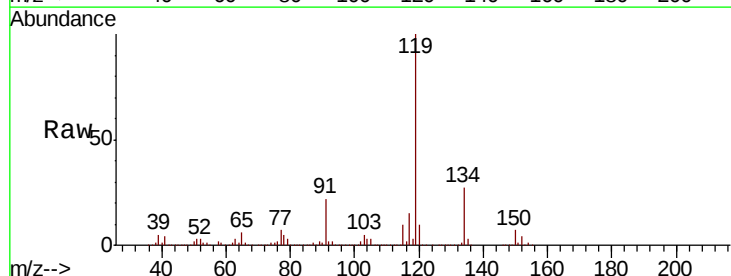
Tgt Ion:119 Resp: 686075

Ion Ratio Lower Upper

119 100

134 27.5 12.9 38.6

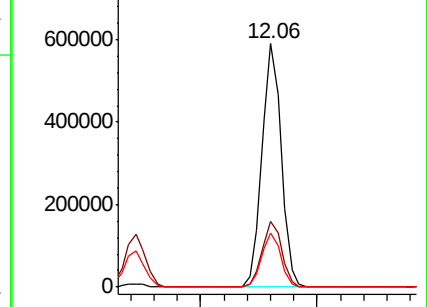
91 21.8 11.9 35.9



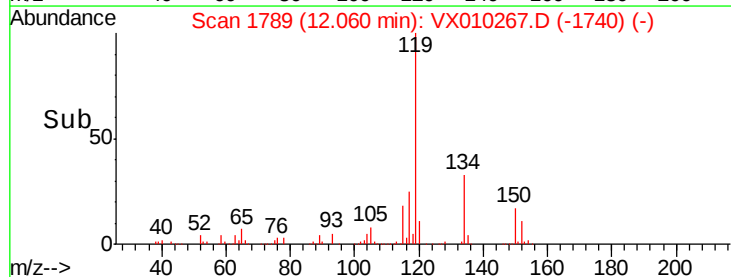
Abundance Ion 119.00 (118.70 to 119.70): V

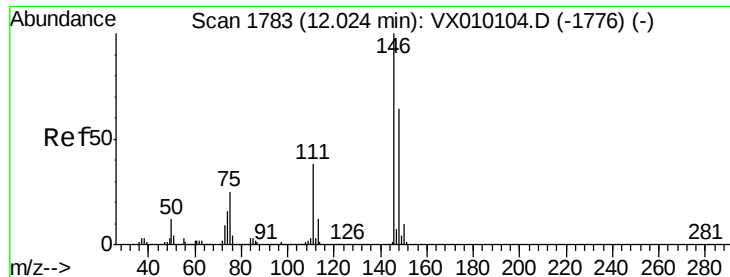
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0



Time-->

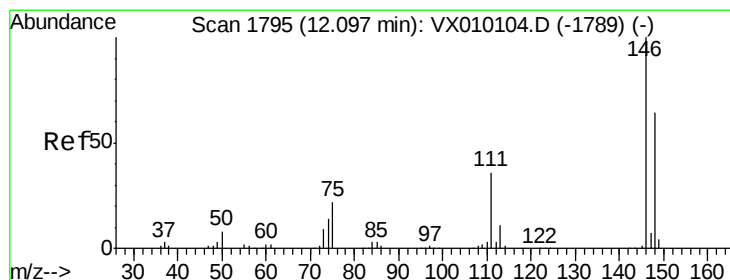
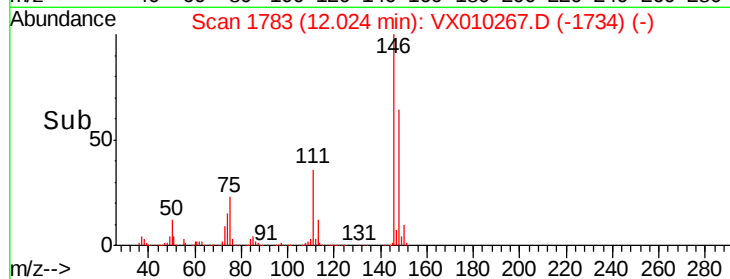
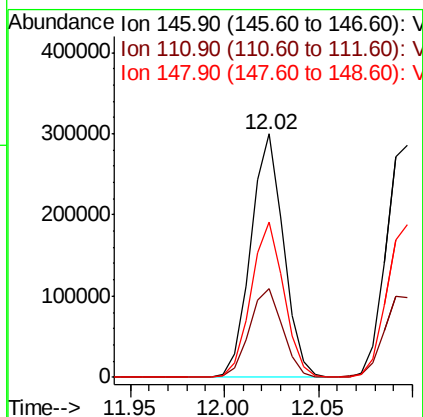
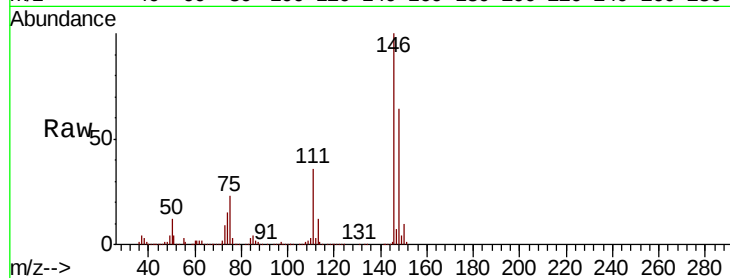




#87
 1,3-Dichlorobenzene
 Concen: 49.333 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010267.D
 Acq: 13 Jun 2019 09:57

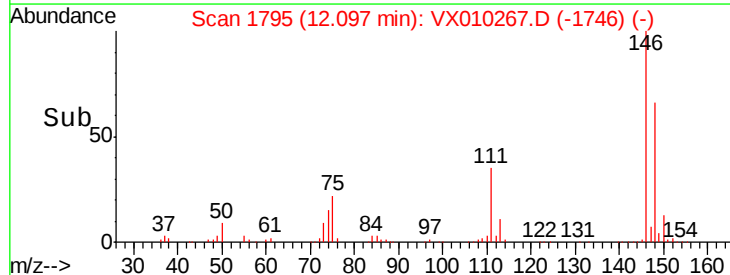
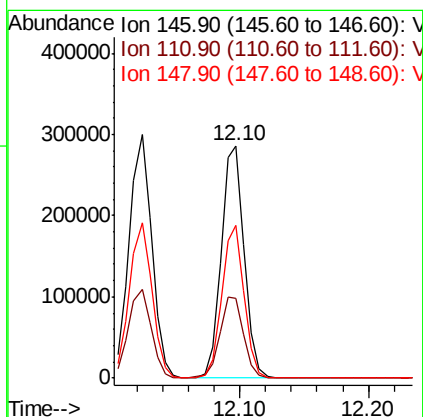
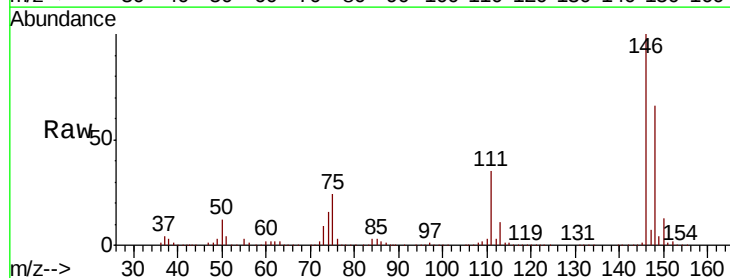
Instrument :
 MSVOA_X
 ClientSampleId :

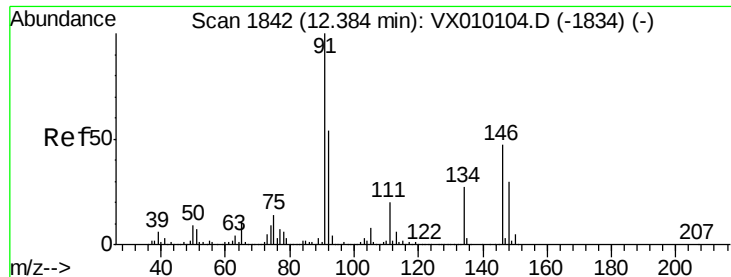
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	20.1	60.2
148	63.9	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 48.406 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010267.D
 Acq: 13 Jun 2019 09:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	20.0	59.9
148	64.4	32.3	96.9

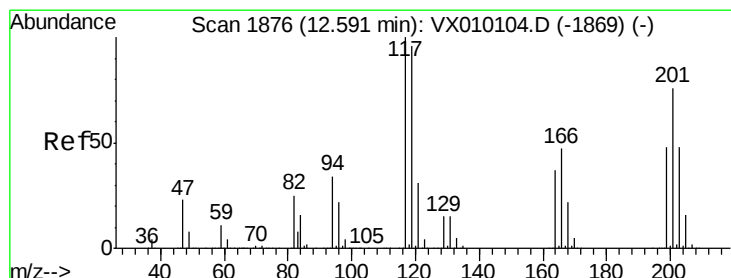
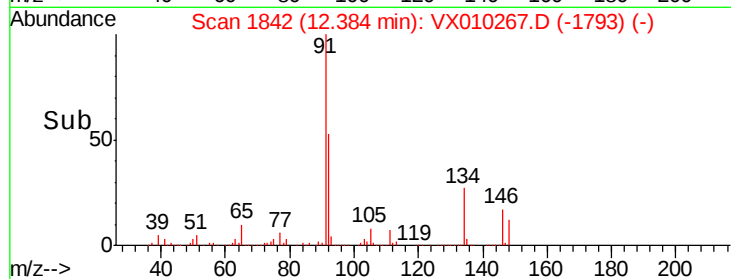
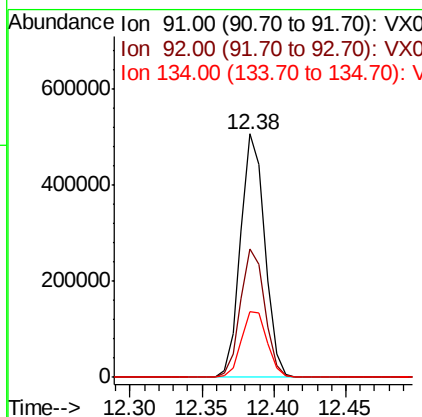
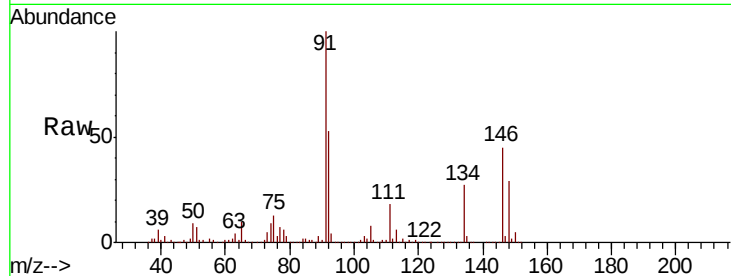




#89
n-Butylbenzene
Concen: 50.217 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

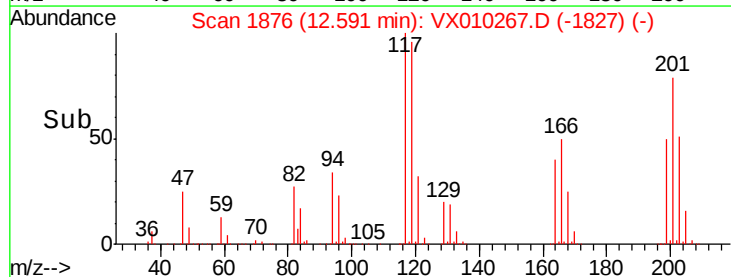
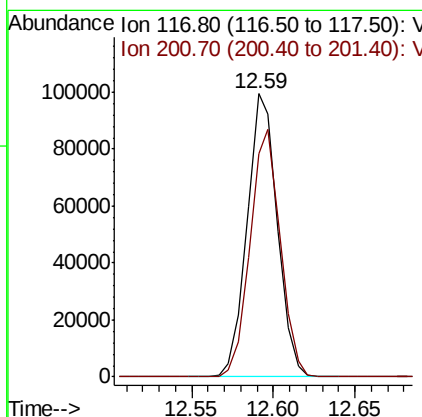
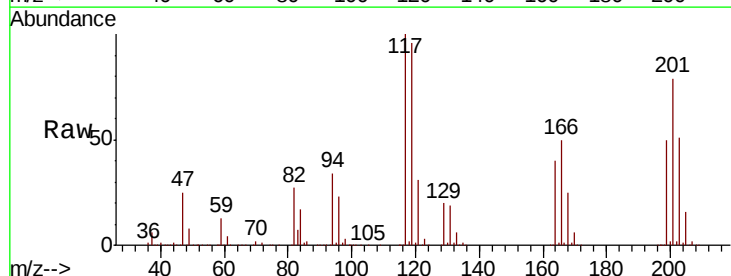
Instrument :
MSVOA_X
ClientSampleId :

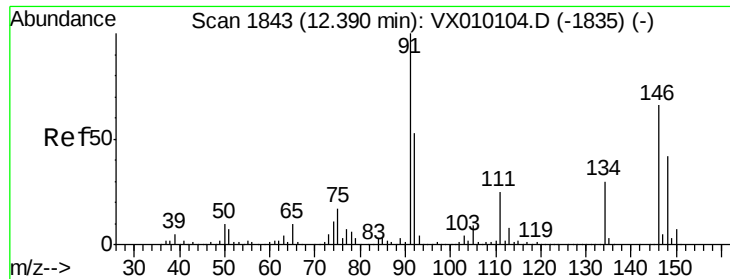
Tot Ion: 91 Resp: 592703
Ion Ratio Lower Upper
91 100
92 52.8 26.3 78.8
134 28.3 12.3 36.8



#90
Hexachloroethane
Concen: 47.150 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

Tgt Ion: 117 Resp: 128786
Ion Ratio Lower Upper
117 100
201 87.0 43.6 130.9





#91

1,2-Dichlorobenzene

Concen: 49.196 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

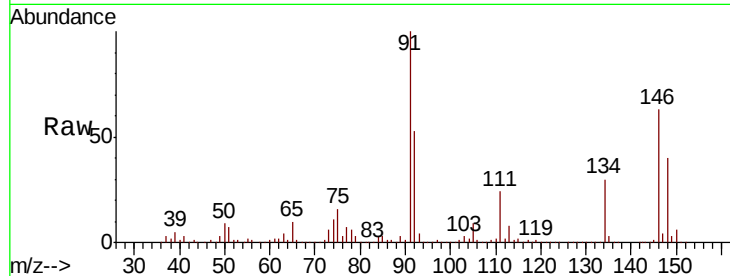
Tot Ion:146 Resp: 349852

Ion Ratio Lower Upper

146 100

111 38.3 21.1 63.1

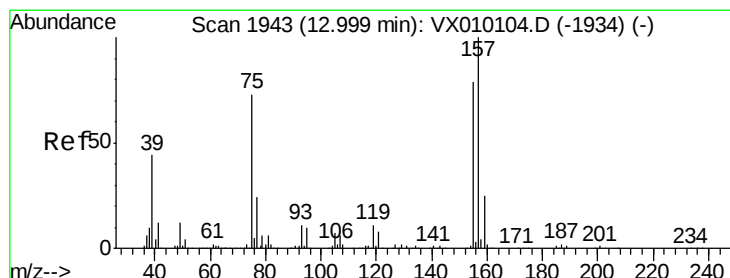
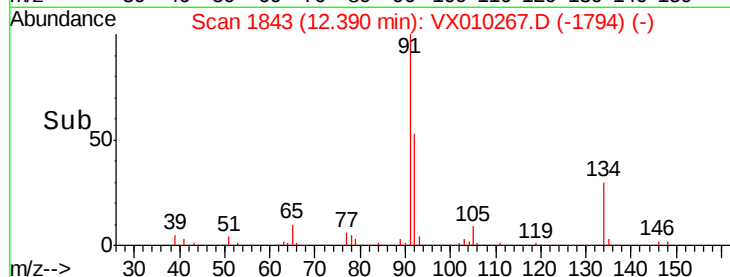
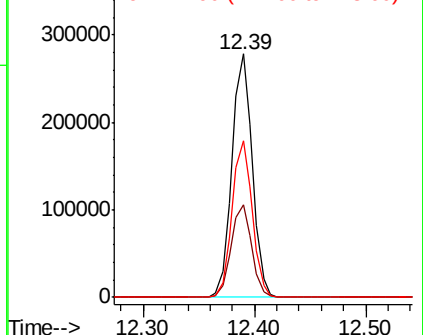
148 63.8 32.3 96.8



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: 41.506 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

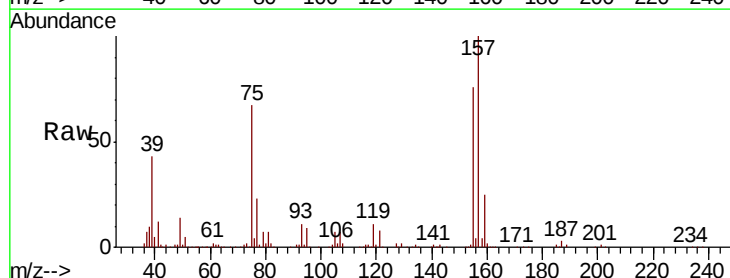
Tgt Ion: 75 Resp: 50490

Ion Ratio Lower Upper

75 100

155 109.1 39.3 117.8

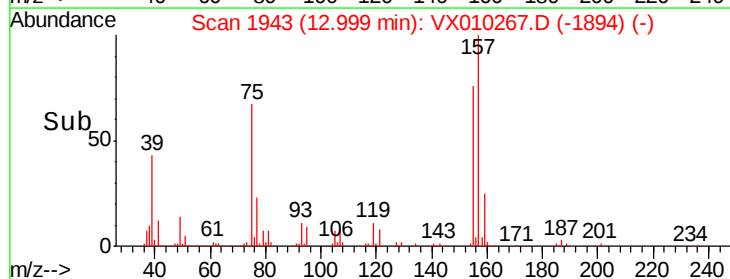
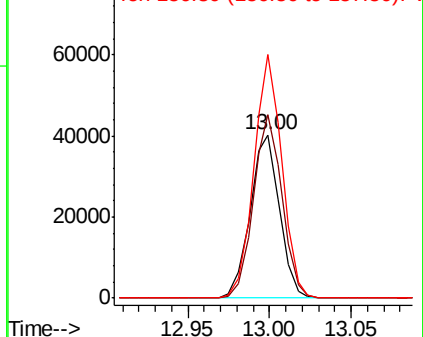
157 141.8 50.6 151.8



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

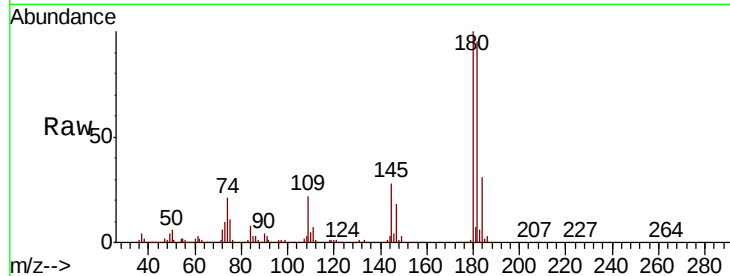




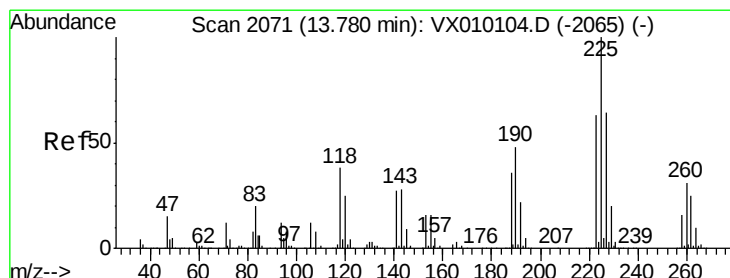
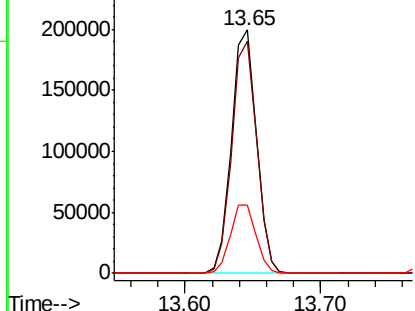
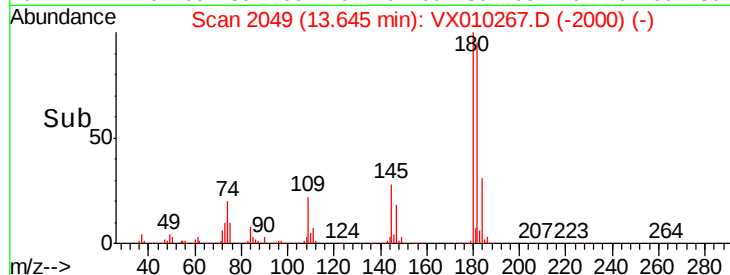
#93
 1,2,4-Trichlorobenzene
 Concen: 49.214 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010267.D
 Acq: 13 Jun 2019 09:57

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:180 Resp: 256184
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.4 142.2
 145 28.9 14.5 43.5

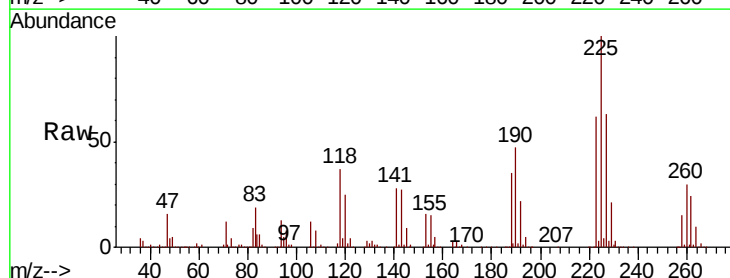


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

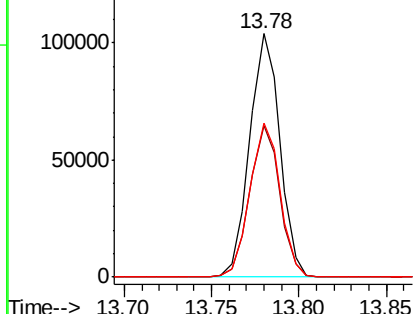
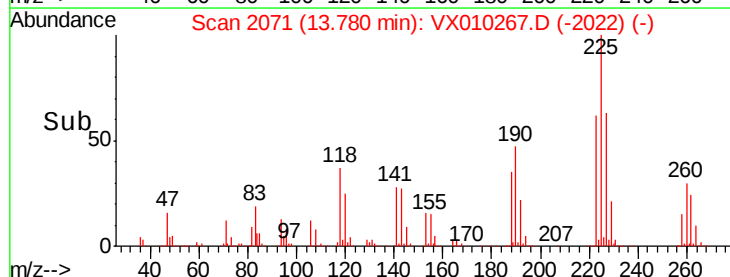


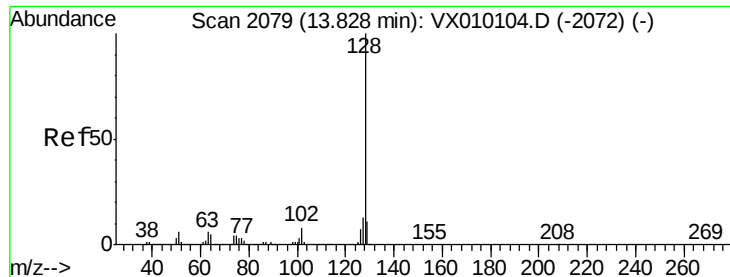
#94
 Hexachlorobutadiene
 Concen: 53.895 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010267.D
 Acq: 13 Jun 2019 09:57

Tgt Ion:225 Resp: 124770
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.3 93.8
 227 63.3 32.3 96.8



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: 48.075 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

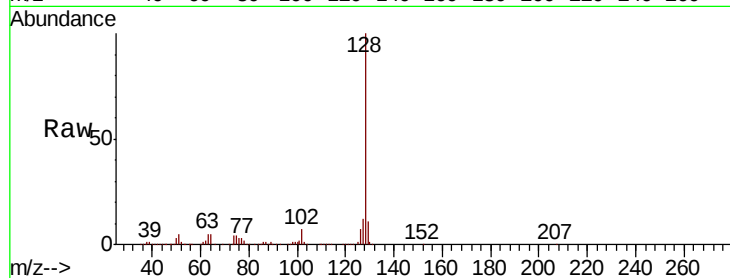
Tot Ion:128 Resp: 787770

Ion Ratio Lower Upper

128 100

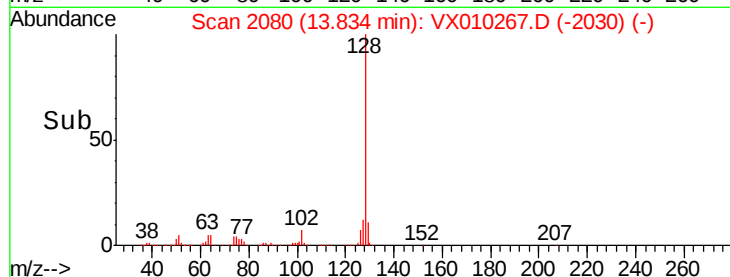
127 12.7 10.6 16.0

129 10.9 8.8 13.2

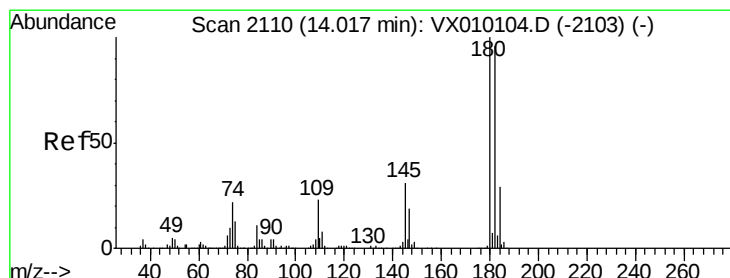


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

13.83



Time--> 13.75 13.80 13.85 13.90



#96

1,2,3-Trichlorobenzene

Concen: 49.127 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

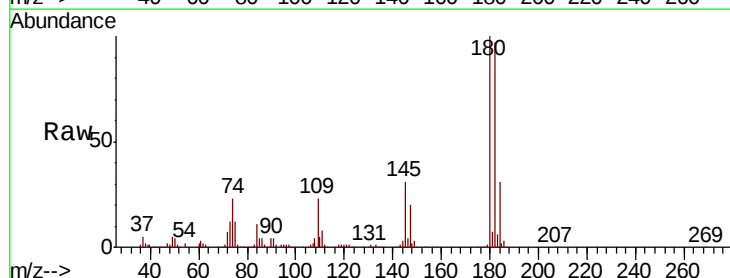
Tgt Ion:180 Resp: 252853

Ion Ratio Lower Upper

180 100

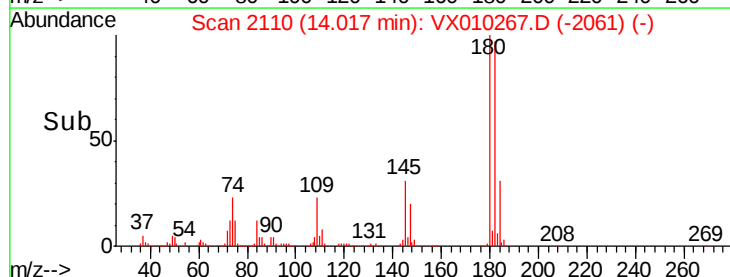
182 96.4 47.3 142.0

145 30.6 15.6 46.7



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

14.02



Time--> 13.95 14.00 14.05 14.10