

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061219\
 Data File : VX010263.D
 Acq On : 12 Jun 2019 20:05
 Operator : JC/SP
 Sample : K3309-08MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 13 01:29:56 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	277942	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	428307	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	393442	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	204557	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	138569	51.08	ug/l	0.00
Spiked Amount			Recovery	=	102.16%	
35) Dibromofluoromethane	5.50	113	139754	52.90	ug/l	0.00
Spiked Amount			Recovery	=	105.80%	
50) Toluene-d8	8.71	98	521580	52.68	ug/l	0.00
Spiked Amount			Recovery	=	105.36%	
62) 4-Bromofluorobenzene	11.13	95	193835	52.42	ug/l	0.00
Spiked Amount			Recovery	=	104.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	119021	46.539	ug/l	98
3) Chloromethane	1.32	50	122688	48.305	ug/l	100
4) Vinyl Chloride	1.41	62	140040	58.665	ug/l	98
5) Bromomethane	1.64	94	51829	57.537	ug/l	100
6) Chloroethane	1.71	64	81095	67.381	ug/l	99
7) Trichlorofluoromethane	1.93	101	193995	54.710	ug/l	99
8) Diethyl Ether	2.19	74	69836	57.142	ug/l	79
9) 1,1,2-Trichlorotrifluoroet	2.38	101	107751	44.084	ug/l	91
10) Methyl Iodide	2.51	142	171252	45.221	ug/l	98
11) Tert butyl alcohol	3.05	59	156937	236.131	ug/l	99
12) 1,1-Dichloroethene	2.37	96	113229	45.355	ug/l #	79
13) Acrolein	2.29	56	33703	278.108	ug/l	99
14) Allyl chloride	2.73	41	164892	43.756	ug/l #	87
15) Acrylonitrile	3.14	53	336022	247.354	ug/l	99
16) Acetone	2.45	43	258319	202.437	ug/l #	89
17) Carbon Disulfide	2.57	76	299215	41.480	ug/l	98
18) Methyl Acetate	2.78	43	135823	48.399	ug/l #	81
19) Methyl tert-butyl Ether	3.20	73	378545	47.197	ug/l	93
20) Methylene Chloride	2.85	84	129385	46.169	ug/l #	78
21) trans-1,2-Dichloroethene	3.17	96	122968	44.509	ug/l #	78
22) Diisopropyl ether	3.85	45	350504	48.647	ug/l #	91
23) Vinyl Acetate	3.82	43	1543723	240.169	ug/l #	87
24) 1,1-Dichloroethane	3.70	63	202726	46.342	ug/l	95
25) 2-Butanone	4.68	43	454652	239.271	ug/l #	84
26) 2,2-Dichloropropane	4.59	77	146995	36.833	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	147481	47.984	ug/l	76
28) Bromochloromethane	5.02	49	95513	48.717	ug/l #	48
29) Tetrahydrofuran	5.13	42	295074	247.097	ug/l #	76
30) Chloroform	5.21	83	218414	48.075	ug/l	97
31) Cyclohexane	5.58	56	178258	45.150	ug/l #	77
32) 1,1,1-Trichloroethane	5.49	97	193694	45.350	ug/l #	93
36) 1,1-Dichloropropene	5.80	75	153250	43.857	ug/l	92
37) Ethyl Acetate	4.83	43	169425	46.600	ug/l #	91
38) Carbon Tetrachloride	5.79	117	175910	44.476	ug/l	100

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 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)
39) Methylcyclohexane	7.46	83	196066	41.206	ug/l #	81
40) Benzene	6.14	78	504368	46.678	ug/l	99
41) Methacrylonitrile	5.04	41	92218	46.890	ug/l #	82
42) 1,2-Dichloroethane	6.20	62	154842	44.888	ug/l	93
43) Isopropyl Acetate	6.45	43	279719	46.014	ug/l #	89
44) Trichloroethene	7.21	130	146566	45.001	ug/l	87
45) 1,2-Dichloropropane	7.51	63	127813	47.260	ug/l	99
46) Dibromomethane	7.66	93	91636	45.228	ug/l	90
47) Bromodichloromethane	7.90	83	172877	45.662	ug/l #	95
48) Methyl methacrylate	7.77	41	135047	47.502	ug/l #	77
49) 1,4-Dioxane	7.74	88	69550	858.051	ug/l #	79
51) 4-Methyl-2-Pentanone	8.64	43	925922	254.965	ug/l	90
52) Toluene	8.79	92	332267	46.780	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	188052	42.943	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	203480	43.343	ug/l #	90
55) 1,1,2-Trichloroethane	9.21	97	143001	49.160	ug/l	95
56) Ethyl methacrylate	9.18	69	219953	47.868	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	216265	47.224	ug/l	99
59) 2-Hexanone	9.49	43	718718	248.220	ug/l	88
60) Dibromochloromethane	9.58	129	161975	47.076	ug/l	100
61) 1,2-Dibromoethane	9.67	107	152111	46.952	ug/l	99
64) Tetrachloroethene	9.34	164	127640	43.680	ug/l	98
65) Chlorobenzene	10.14	112	588034	72.415	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	145023	46.441	ug/l	100
67) Ethyl Benzene	10.25	91	634628	45.909	ug/l	95
68) m/p-Xylenes	10.36	106	495654	92.657	ug/l	89
69) o-Xylene	10.69	106	248091	46.655	ug/l	89
70) Styrene	10.71	104	416346	46.230	ug/l	95
71) Bromoform	10.85	173	133153	46.382	ug/l	99
73) Isopropylbenzene	11.02	105	641010	44.890	ug/l	95
74) N-amyl acetate	10.90	43	260474	46.145	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	229081	46.866	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	250427	61.206	ug/l	82
77) Bromobenzene	11.26	156	179828	45.795	ug/l	81
78) n-propylbenzene	11.36	91	711233	44.740	ug/l	94
79) 2-Chlorotoluene	11.42	91	424694	44.481	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	532546	44.279	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	75337	40.682	ug/l #	84
82) 4-Chlorotoluene	11.51	91	478705	44.137	ug/l	90
83) tert-Butylbenzene	11.77	119	549394	45.132	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	547066	45.032	ug/l	95
85) sec-Butylbenzene	11.94	105	633187	44.647	ug/l	96
86) p-Isopropyltoluene	12.06	119	582915	44.960	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	317760	45.941	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	339387	48.675	ug/l	98
89) n-Butylbenzene	12.38	91	495567	44.405	ug/l	97
90) Hexachloroethane	12.60	117	111812	43.293	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	320417	47.651	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	48357	42.041	ug/l	64
93) 1,2,4-Trichlorobenzene	13.65	180	219118	44.517	ug/l	99

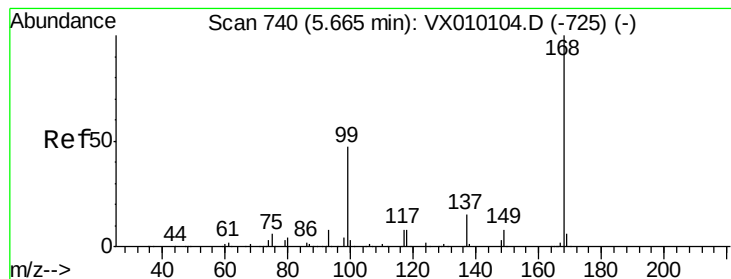
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Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	100472	45.898	ug/l	98
95) Naphthalene	13.83	128	733049	47.311	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	221737	45.562	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: VX010263.D

Acq: 12 Jun 2019 20:05

Instrument :

MSVOA_X

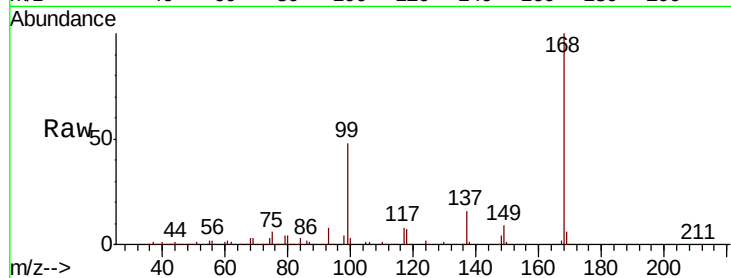
ClientSampleId :

Tot Ion:168 Resp: 277942

Ion Ratio Lower Upper

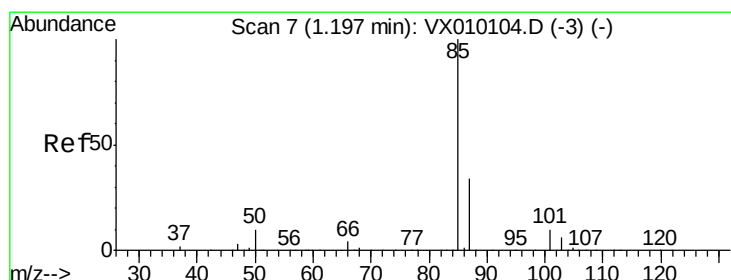
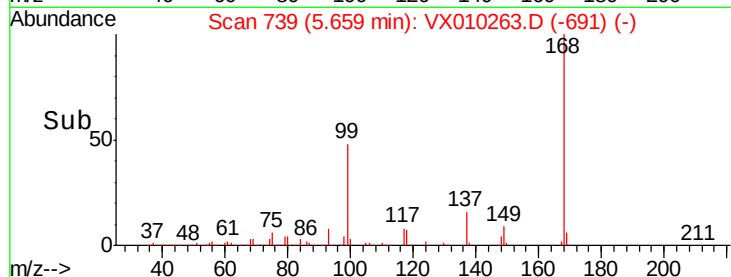
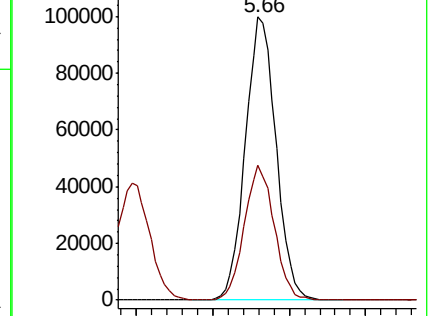
168 100

99 47.5 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 46.539 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010263.D

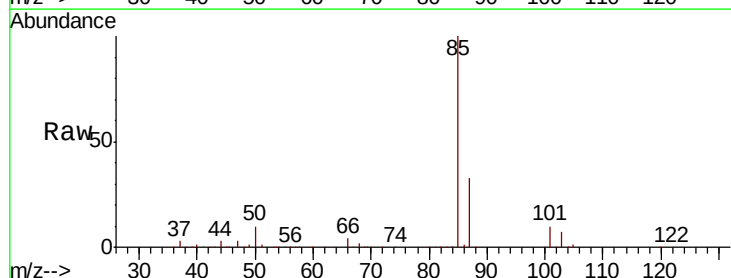
Acq: 12 Jun 2019 20:05

Tgt Ion: 85 Resp: 119021

Ion Ratio Lower Upper

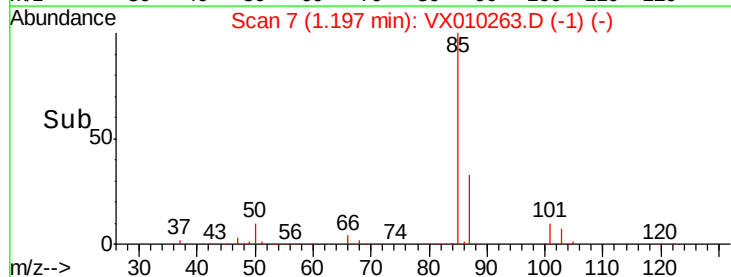
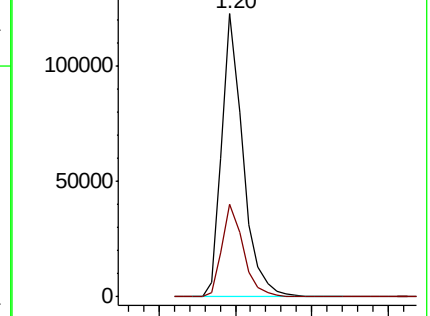
85 100

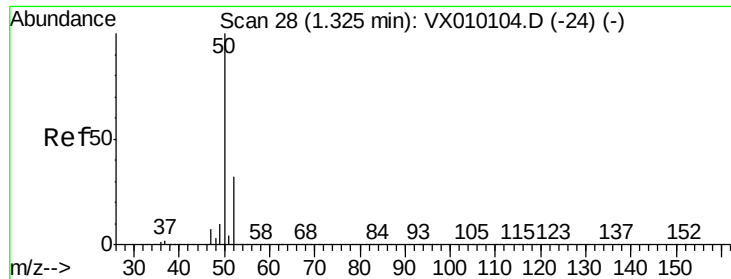
87 33.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 48.305 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010263.D

Acq: 12 Jun 2019 20:05

Instrument :

MSVOA_X

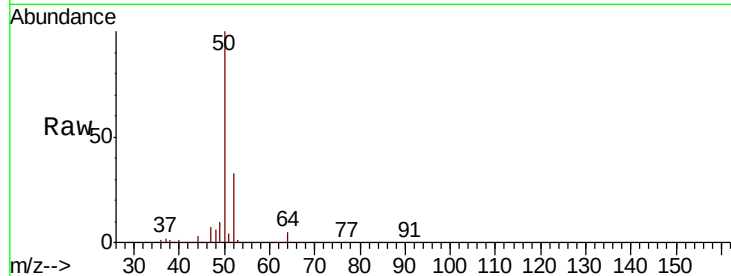
ClientSampleId :

Tot Ion: 50 Resp: 122688

Ion Ratio Lower Upper

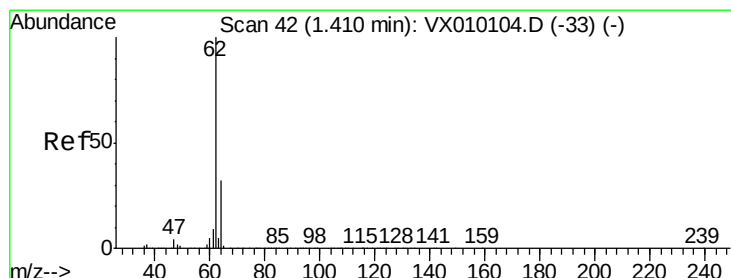
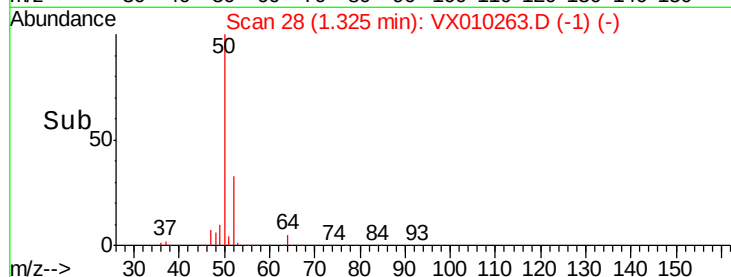
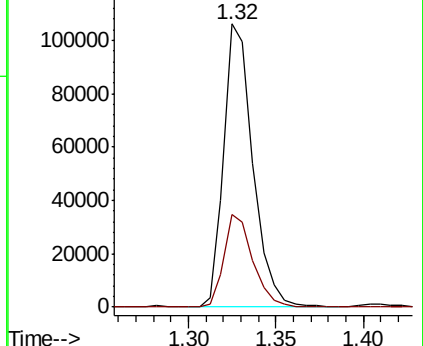
50 100

52 32.6 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 58.665 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010263.D

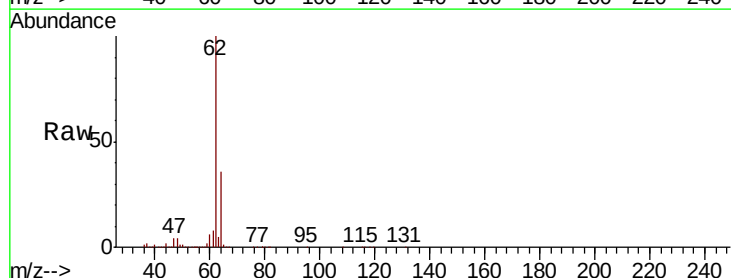
Acq: 12 Jun 2019 20:05

Tgt Ion: 62 Resp: 140040

Ion Ratio Lower Upper

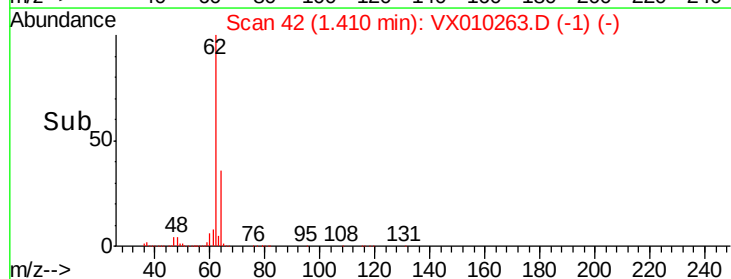
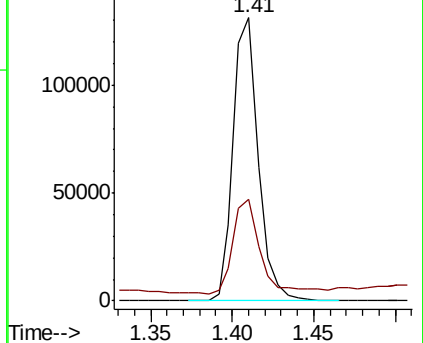
62 100

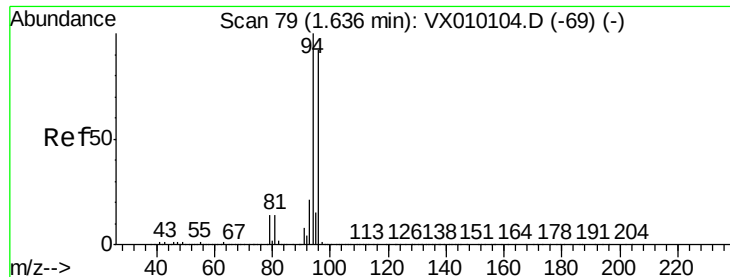
64 33.1 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 57.537 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010263.D

Acq: 12 Jun 2019 20:05

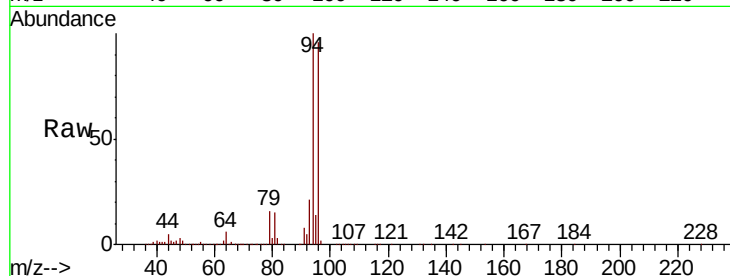
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 51829

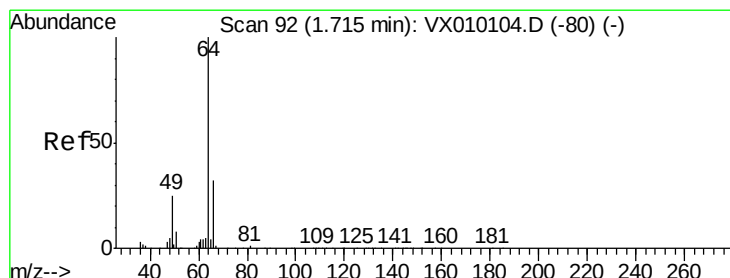
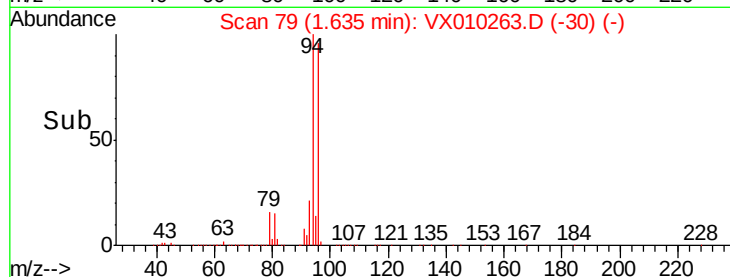
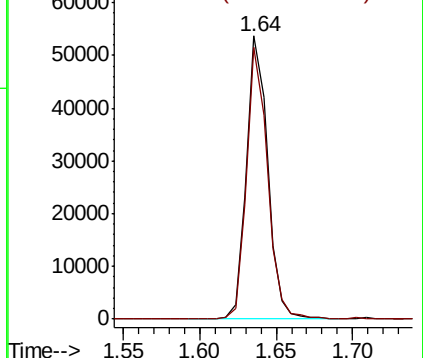
Ion Ratio Lower Upper

94 100

96 95.8 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: 67.381 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010263.D

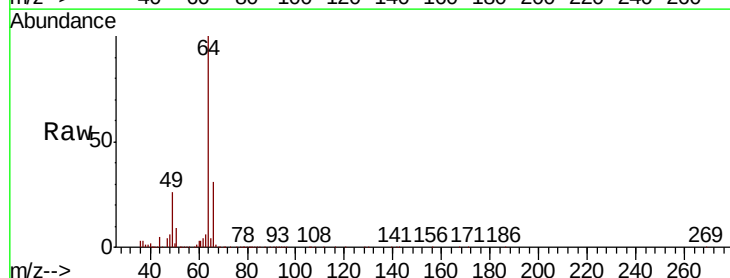
Acq: 12 Jun 2019 20:05

Tgt Ion: 64 Resp: 81095

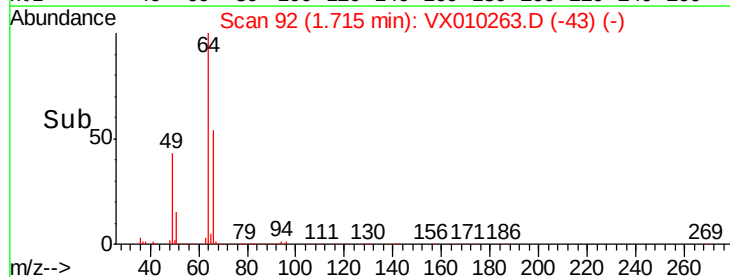
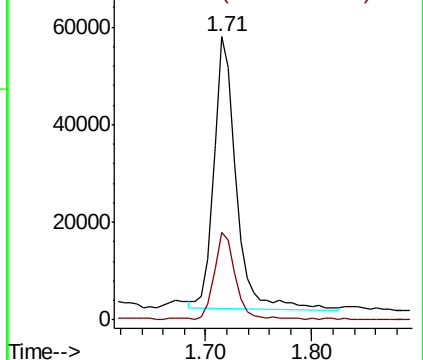
Ion Ratio Lower Upper

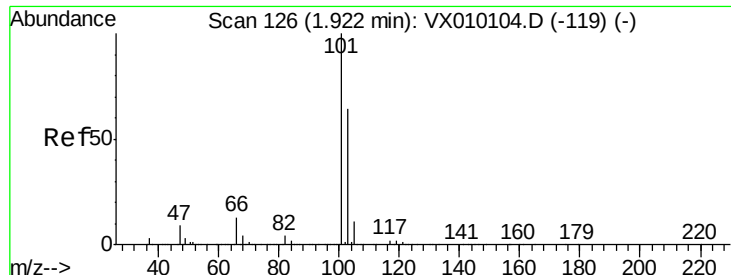
64 100

66 31.8 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0



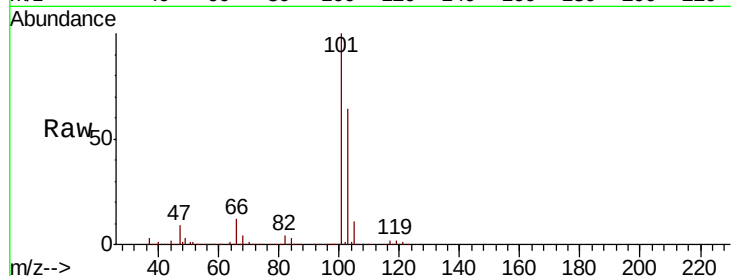


#7

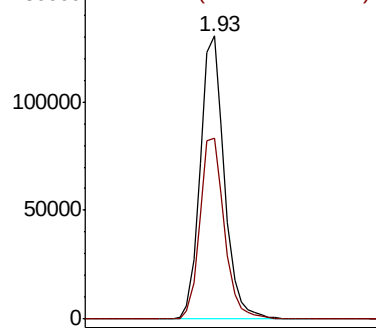
Trichlorofluoromethane
Concen: 54.710 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX010263.D
Acq: 12 Jun 2019 20:05

Instrument :
MSVOA_X
ClientSampled :

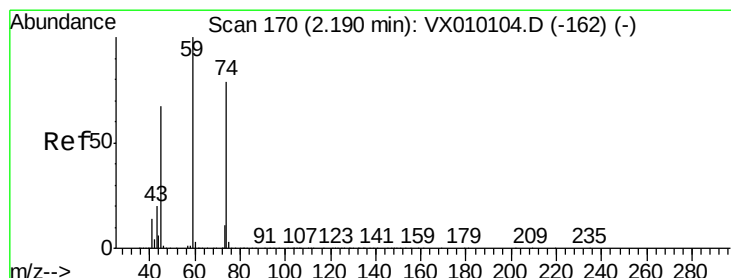
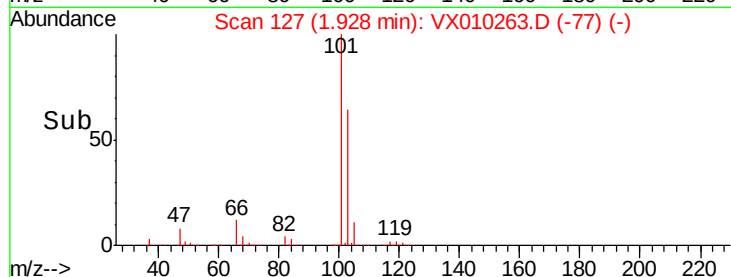
Tot Ion:101 Resp: 193995
Ion Ratio Lower Upper
101 100
103 64.1 52.2 78.4



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



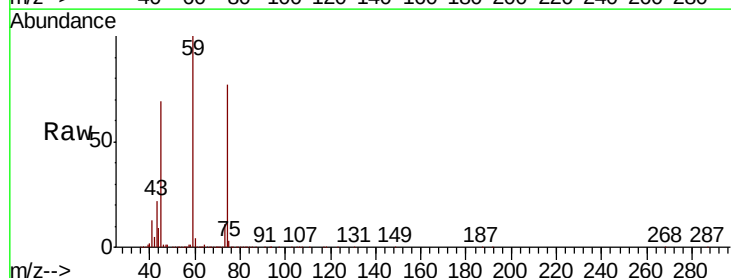
Time-->



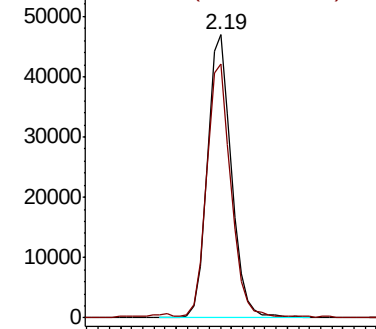
#8

Diethyl Ether
Concen: 57.142 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010263.D
Acq: 12 Jun 2019 20:05

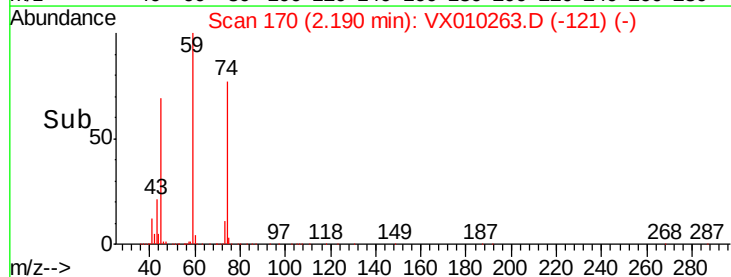
Tgt Ion: 74 Resp: 69836
Ion Ratio Lower Upper
74 100
45 89.4 56.1 168.3

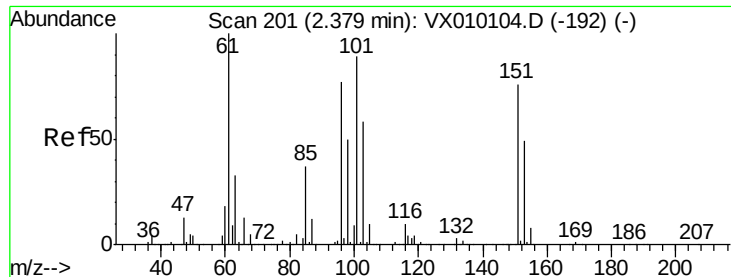


Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0



Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.084 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX010263.D

Acq: 12 Jun 2019 20:05

Instrument :

MSVOA_X

ClientSampleId :

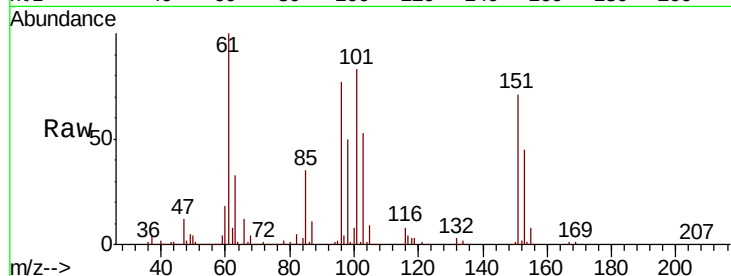
Tot Ion:101 Resp: 107751

Ion Ratio Lower Upper

101 100

85 42.4 35.2 52.8

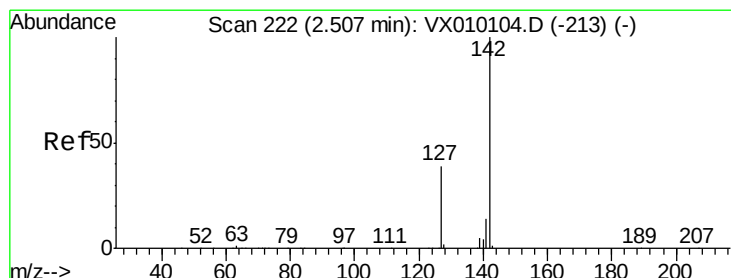
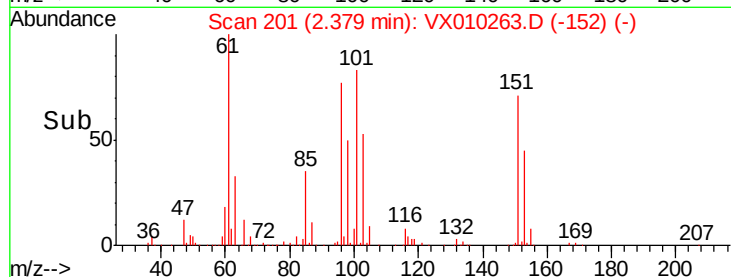
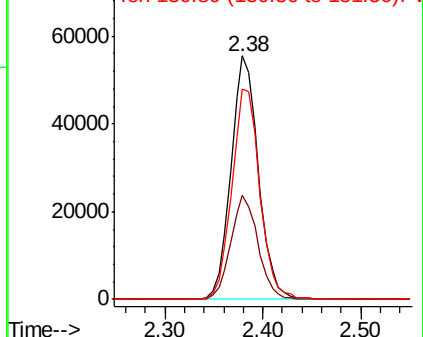
151 88.0 61.9 92.9



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: 45.221 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010263.D

Acq: 12 Jun 2019 20:05

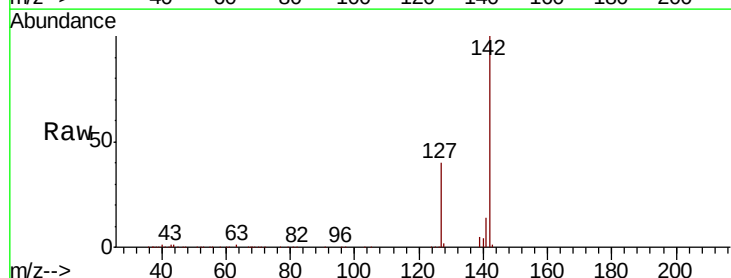
Tgt Ion:142 Resp: 171252

Ion Ratio Lower Upper

142 100

127 39.3 33.0 49.4

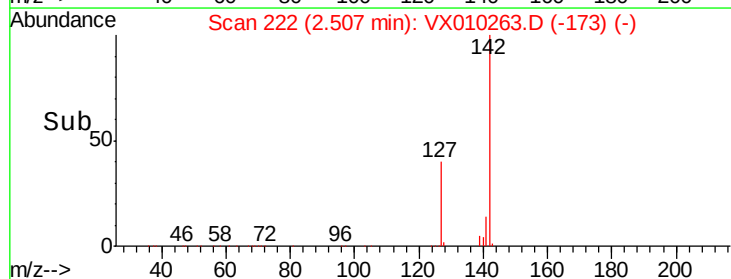
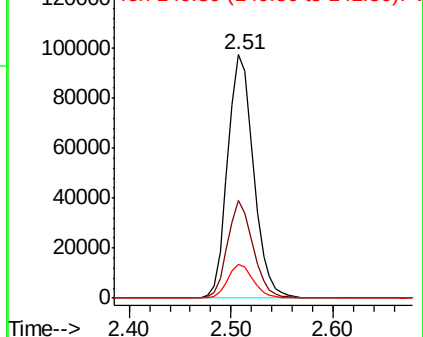
141 13.9 11.4 17.0

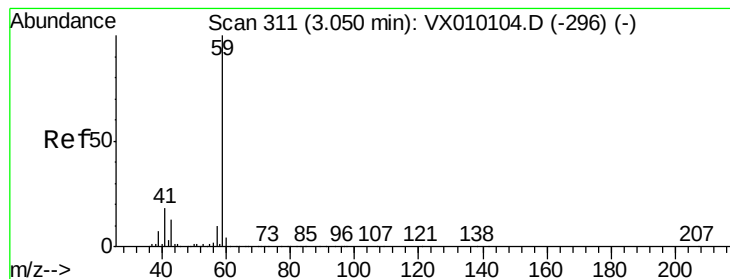


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



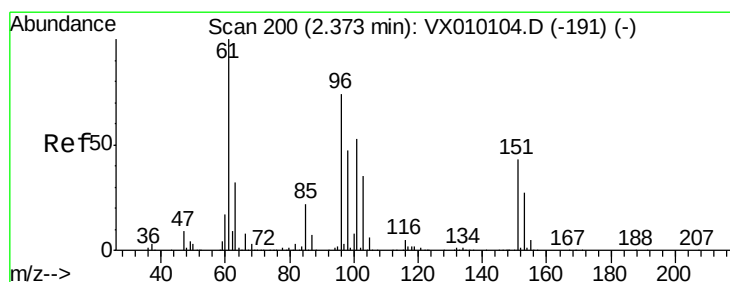
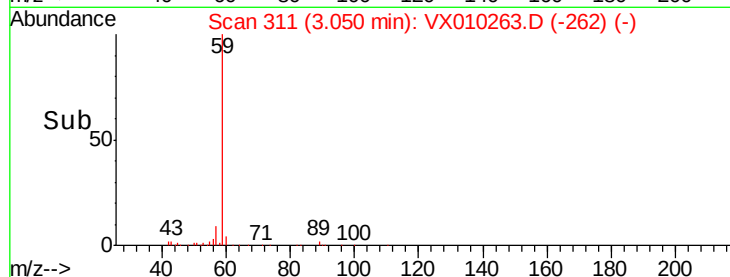
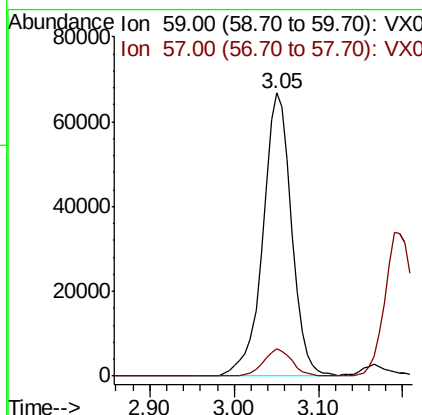
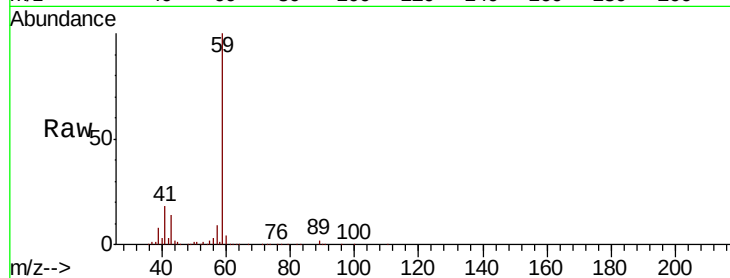


#11

Tert butyl alcohol
Concen: 236.131 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX010263.D
Acq: 12 Jun 2019 20:05

Instrument :
MSVOA_X
ClientSampleId :

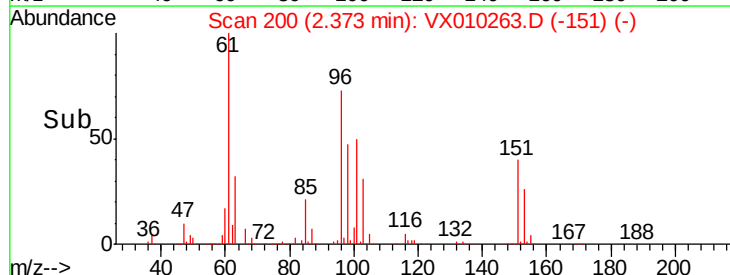
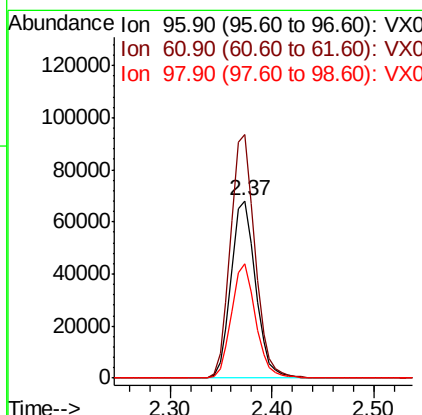
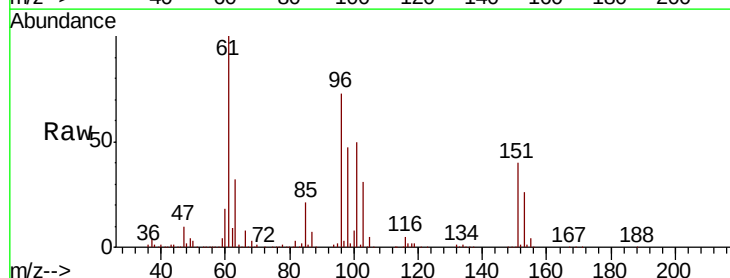
Tot Ion: 59 Resp: 156937
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.2

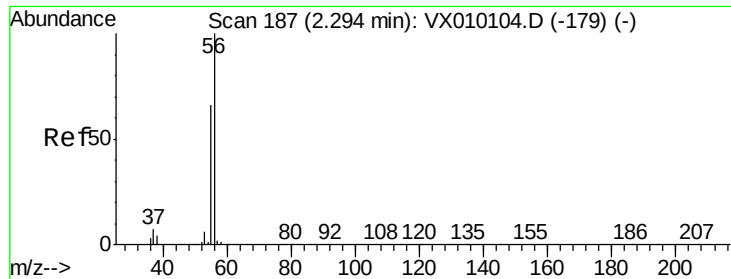


#12

1,1-Dichloroethene
Concen: 45.355 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010263.D
Acq: 12 Jun 2019 20:05

Tgt Ion: 96 Resp: 113229
Ion Ratio Lower Upper
96 100
61 137.3 140.7 211.1#
98 64.7 50.1 75.1





#13

Acrolein

Concen: 278.108 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010263.D

Acq: 12 Jun 2019 20:05

Instrument :

MSVOA_X

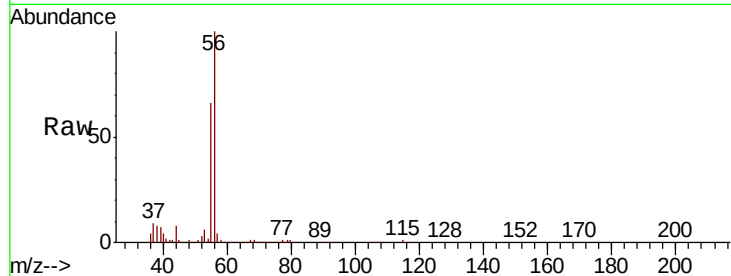
ClientSampleId :

Tot Ion: 56 Resp: 33703

Ion Ratio Lower Upper

56 100

55 70.4 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

25000

20000

15000

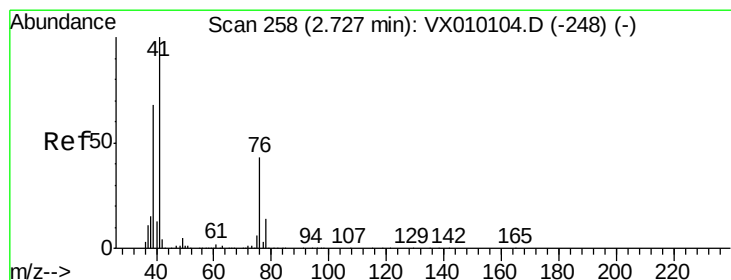
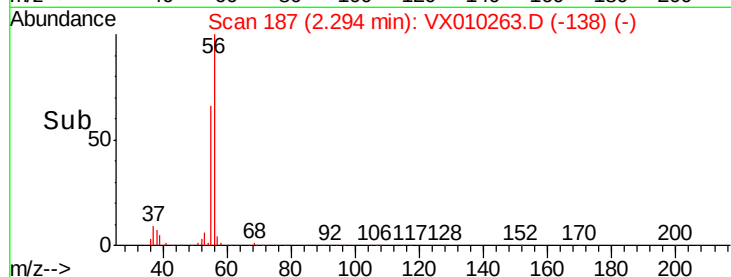
10000

5000

0

Time--> 2.20 2.25 2.30 2.35 2.40

2.29



#14

Allyl chloride

Concen: 43.756 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010263.D

Acq: 12 Jun 2019 20:05

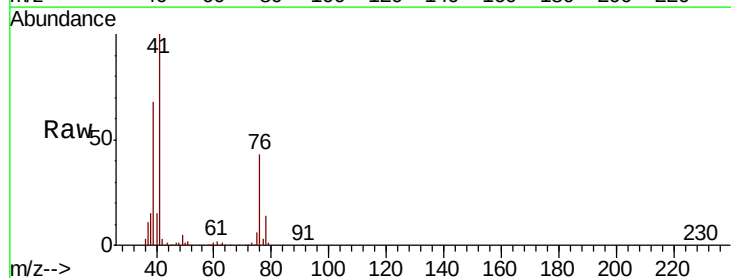
Tgt Ion: 41 Resp: 164892

Ion Ratio Lower Upper

41 100

39 62.4 46.7 70.1

76 40.7 21.0 31.4#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

120000

100000

80000

60000

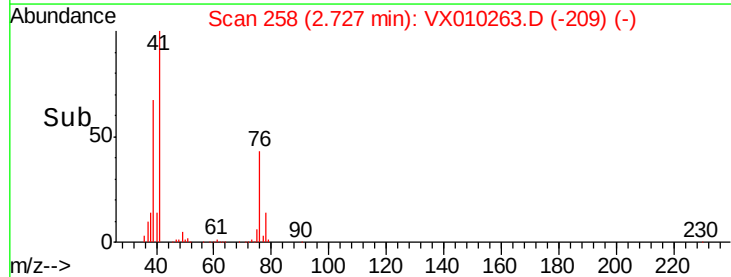
40000

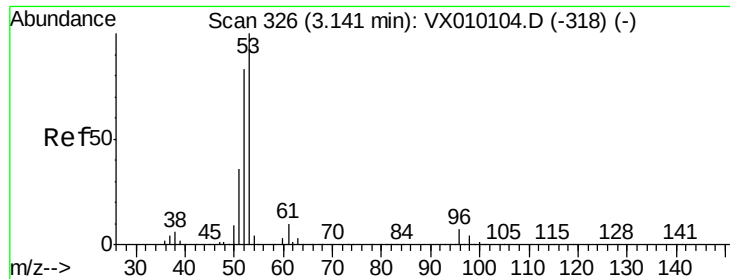
20000

0

Time--> 2.60 2.70 2.80

2.73

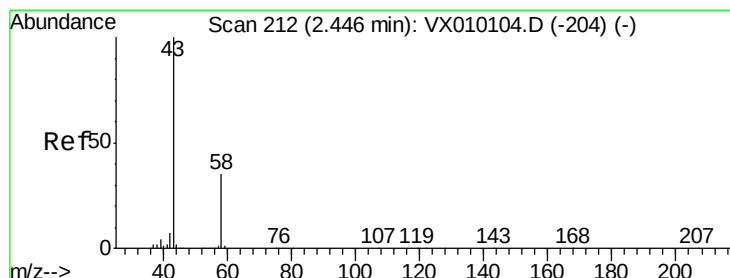
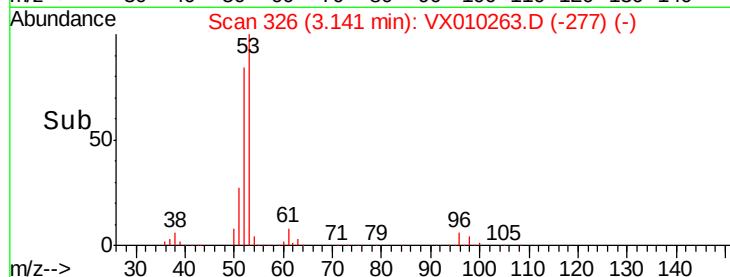
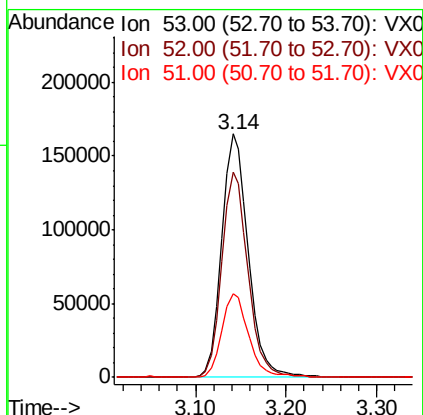
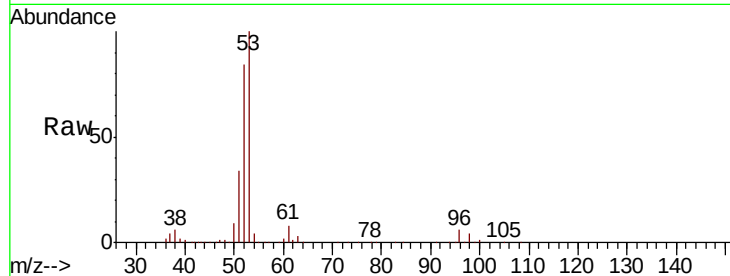




#15
 Acrylonitrile
 Concen: 247.354 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. -0.00 min
 Lab File: VX010263.D
 Acq: 12 Jun 2019 20:05

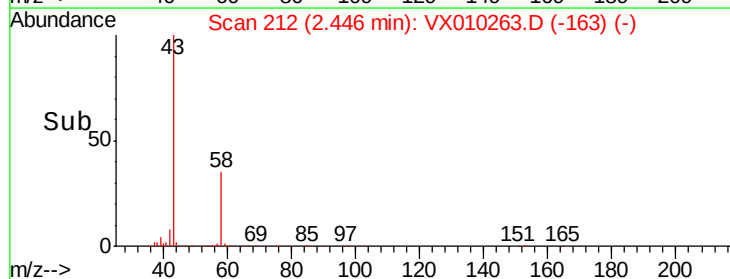
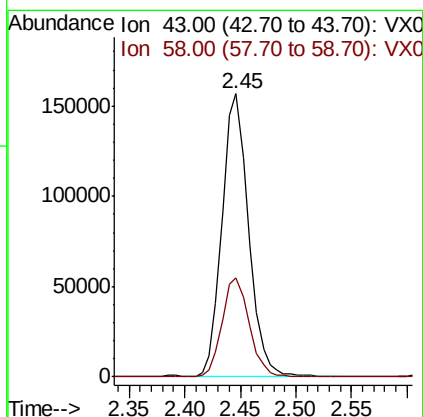
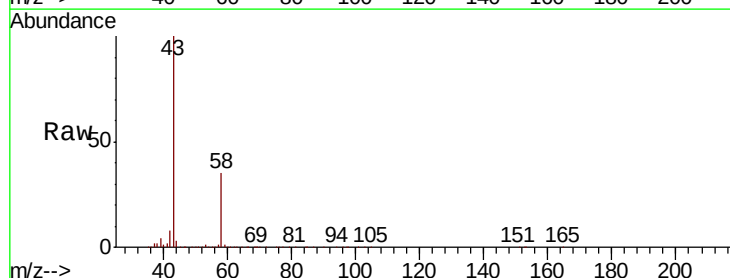
Instrument :
 MSVOA_X
 ClientSampleId :

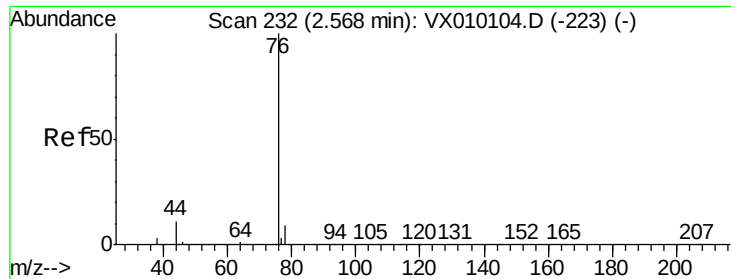
Tot Ion: 53 Resp: 336022
 Ion Ratio Lower Upper
 53 100
 52 83.0 66.7 100.1
 51 34.9 28.8 43.2



#16
 Acetone
 Concen: 202.437 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX010263.D
 Acq: 12 Jun 2019 20:05

Tgt Ion: 43 Resp: 258319
 Ion Ratio Lower Upper
 43 100
 58 35.0 23.2 34.8#

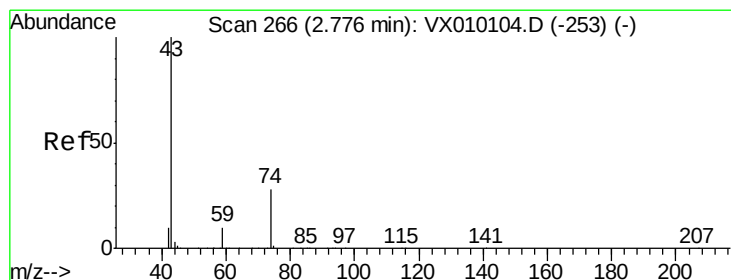
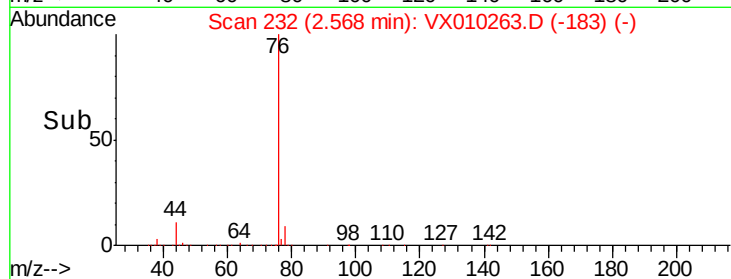
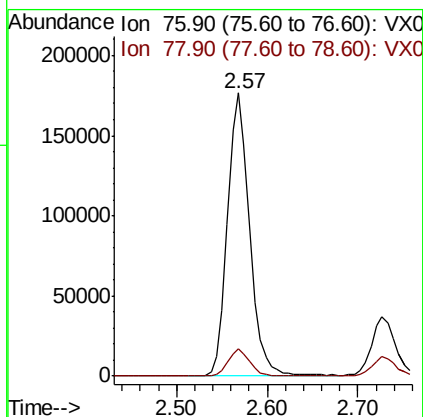
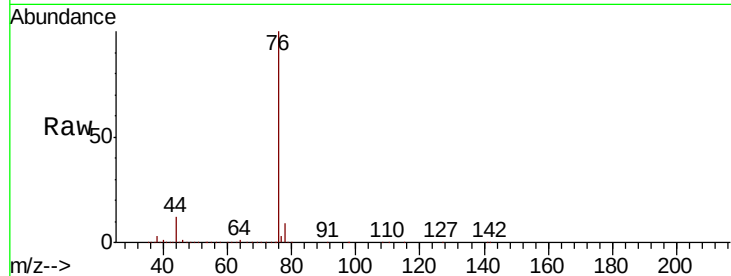




#17
Carbon Disulfide
Concen: 41.480 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010263.D
Acq: 12 Jun 2019 20:05

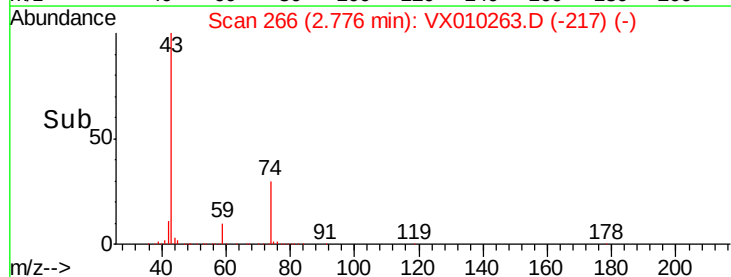
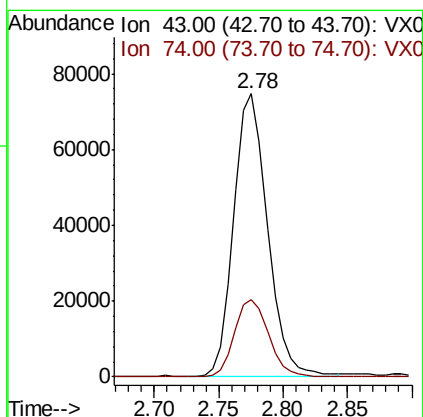
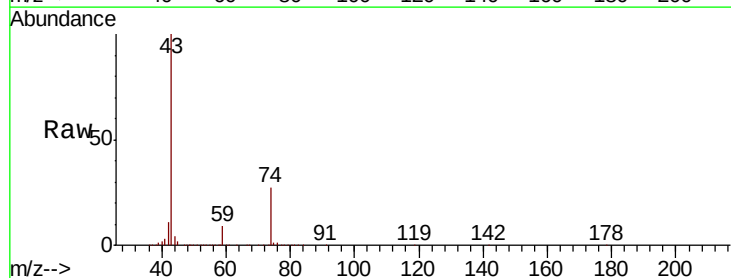
Instrument :
MSVOA_X
ClientSampled :

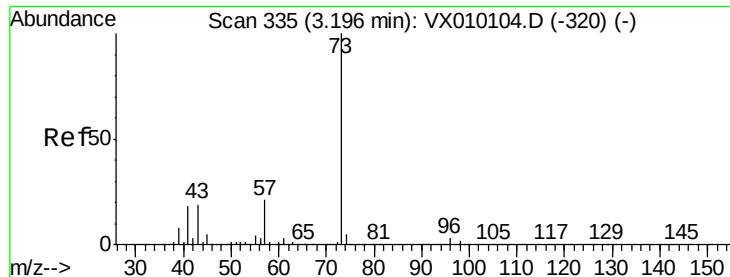
Tot Ion: 76 Resp: 299215
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6



#18
Methyl Acetate
Concen: 48.399 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010263.D
Acq: 12 Jun 2019 20:05

Tgt Ion: 43 Resp: 135823
Ion Ratio Lower Upper
43 100
74 28.2 15.8 23.6#

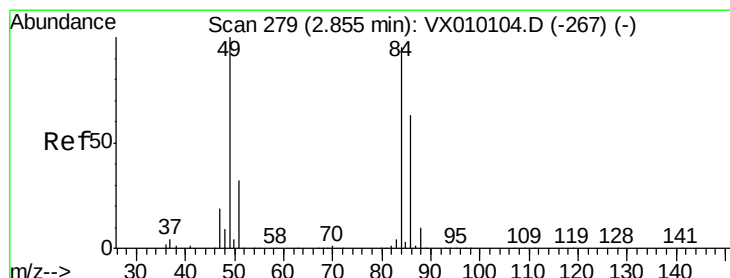
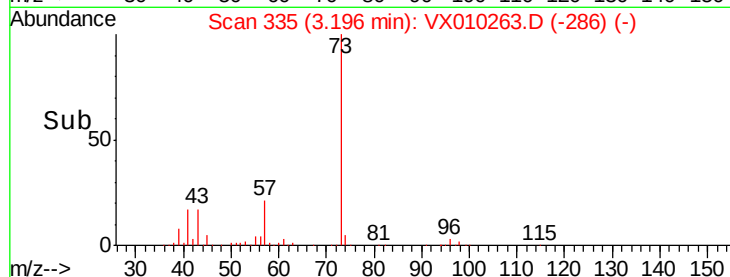
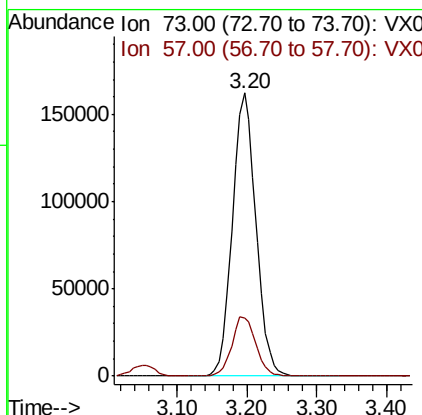
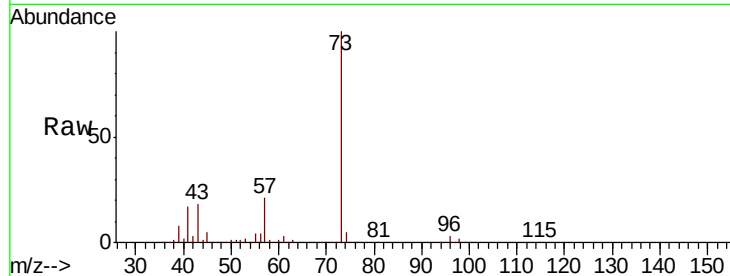




#19
Methyl tert-butyl Ether
Concen: 47.197 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010263.D
Acq: 12 Jun 2019 20:05

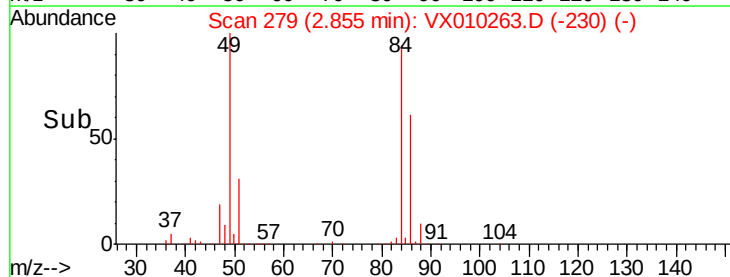
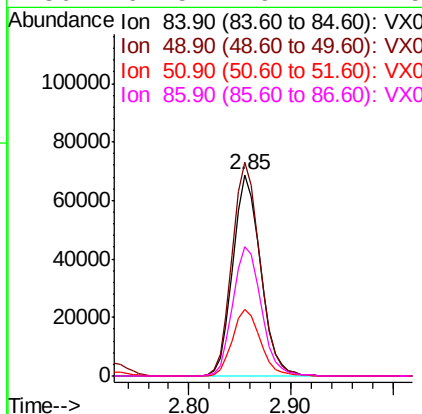
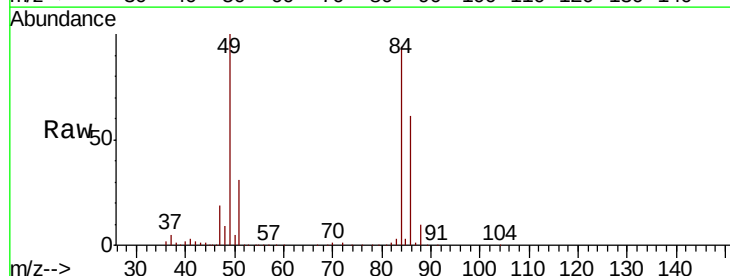
Instrument :
MSVOA_X
ClientSampleId :

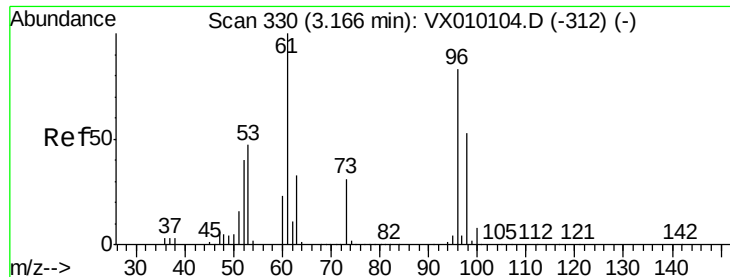
Tot Ion: 73 Resp: 378545
Ion Ratio Lower Upper
73 100
57 20.7 19.4 29.2



#20
Methylene Chloride
Concen: 46.169 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010263.D
Acq: 12 Jun 2019 20:05

Tgt Ion: 84 Resp: 129385
Ion Ratio Lower Upper
84 100
49 106.0 115.8 173.6#
51 32.6 34.4 51.6#
86 64.5 49.7 74.5

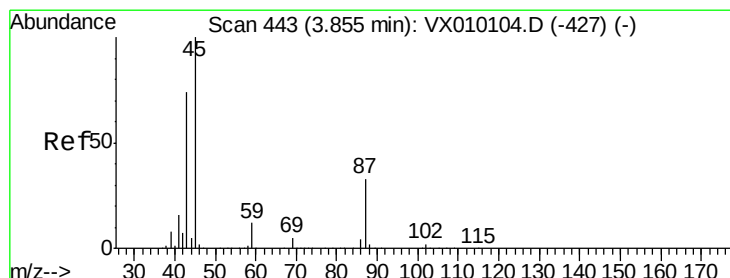
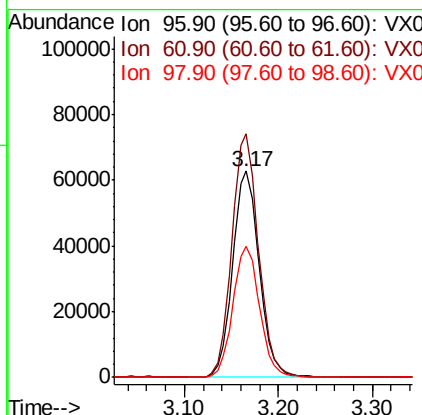
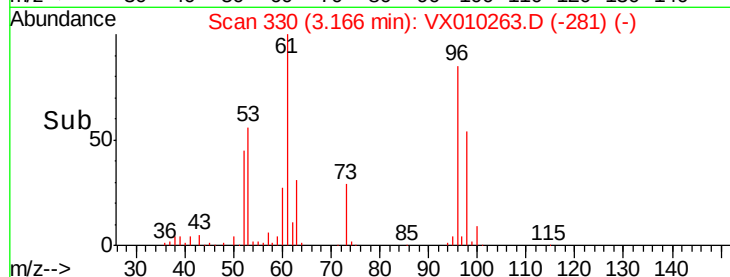
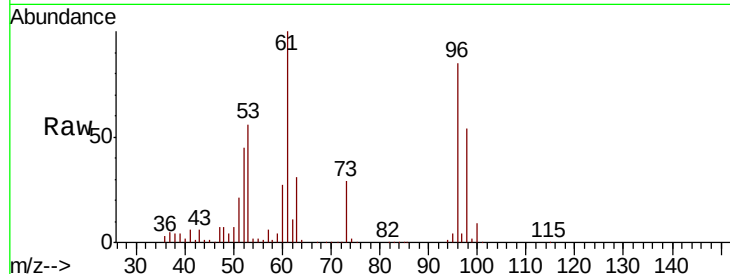




#21
trans-1,2-Dichloroethene
Concen: 44.509 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX010263.D
Acq: 12 Jun 2019 20:05

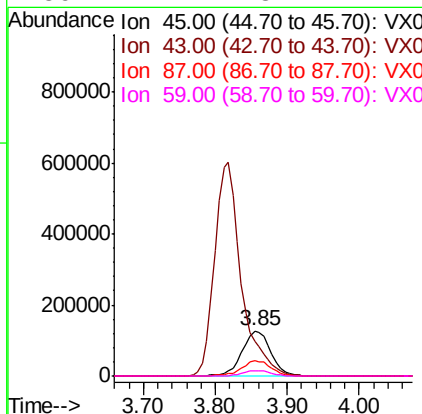
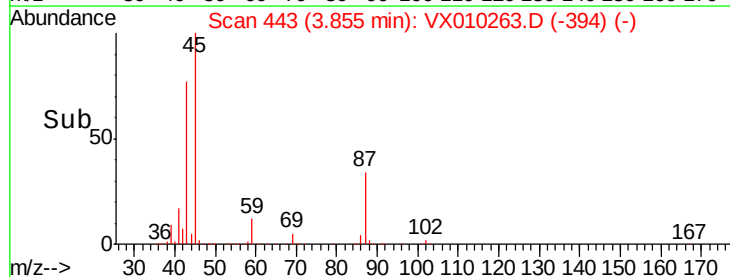
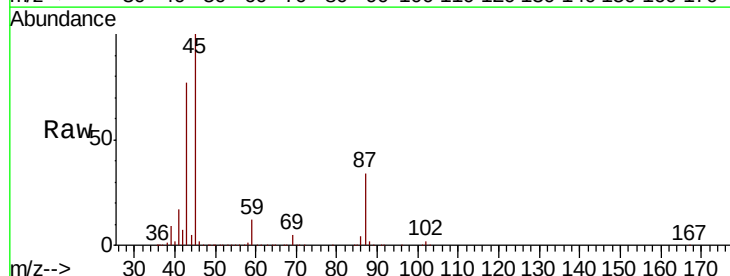
Instrument :
MSVOA_X
ClientSampleId :

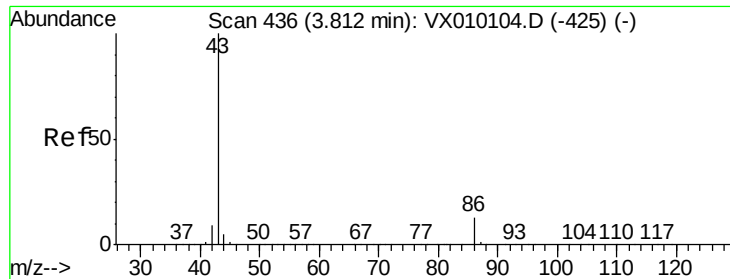
Tot Ion	Ratio	Lower	Upper
96	100		
61	118.2	125.7	188.5#
98	63.4	49.0	73.6



#22
Diisopropyl ether
Concen: 48.647 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX010263.D
Acq: 12 Jun 2019 20:05

Tgt Ion	Ratio	Lower	Upper
45	100		
43	76.3	65.0	97.4
87	33.9	17.3	25.9#
59	12.4	8.1	12.1#





#23

Vinyl Acetate

Concen: 240.169 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX010263.D

Acq: 12 Jun 2019 20:05

Instrument :

MSVOA_X

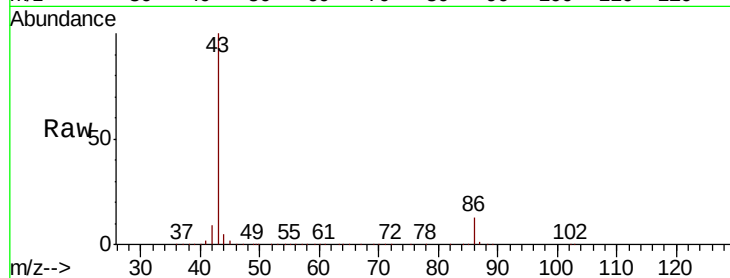
ClientSampleId :

Tot Ion: 43 Resp: 1543723

Ion Ratio Lower Upper

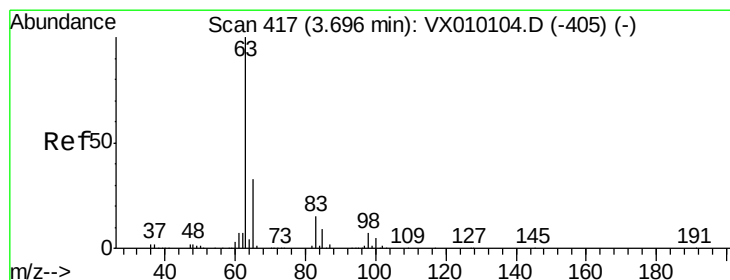
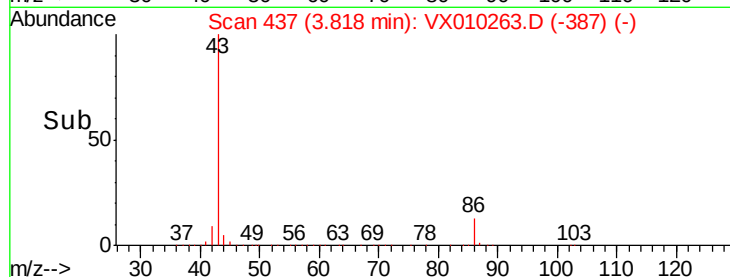
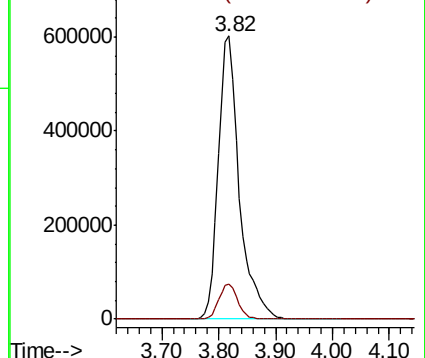
43 100

86 12.5 6.5 9.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 46.342 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010263.D

Acq: 12 Jun 2019 20:05

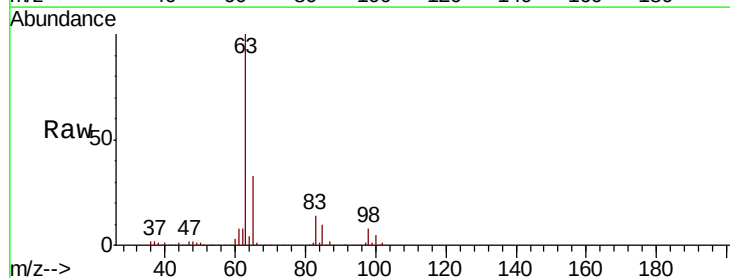
Tgt Ion: 63 Resp: 202726

Ion Ratio Lower Upper

63 100

98 7.8 2.9 8.8

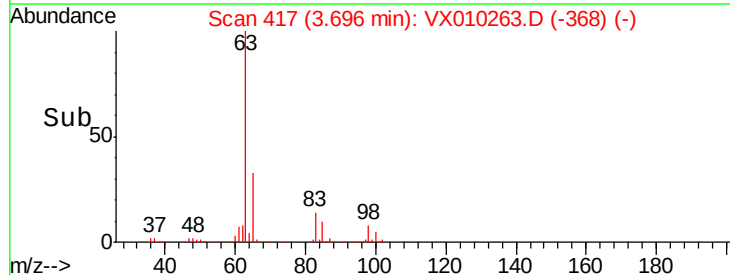
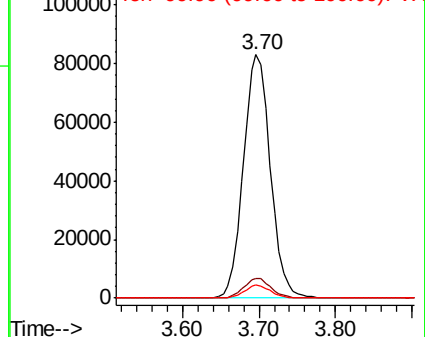
100 5.2 1.8 5.4

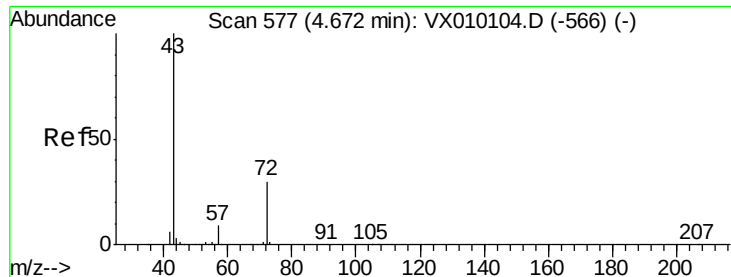


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 239.271 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX010263.D

Acq: 12 Jun 2019 20:05

Instrument :

MSVOA_X

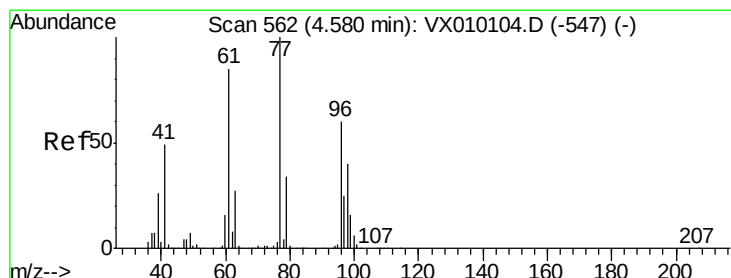
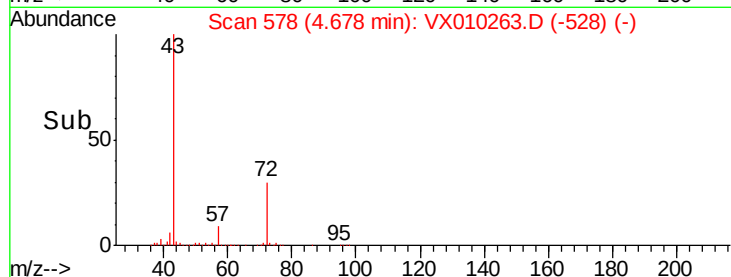
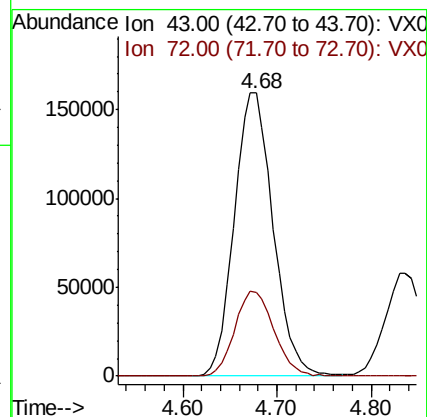
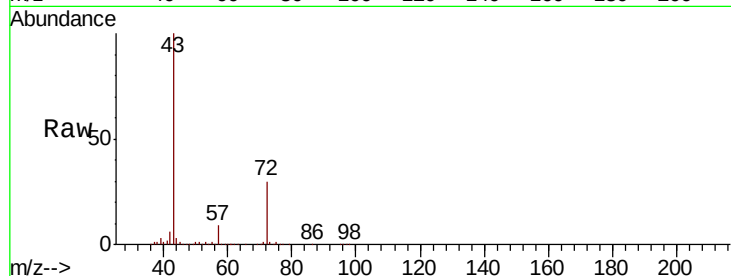
ClientSampleId :

Tot Ion: 43 Resp: 454652

Ion Ratio Lower Upper

43 100

72 29.7 17.5 26.3#



#26

2,2-Dichloropropane

Concen: 36.833 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010263.D

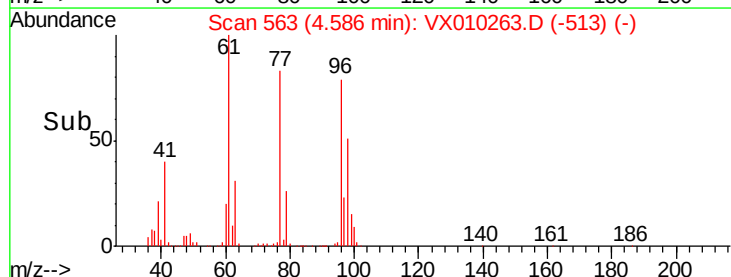
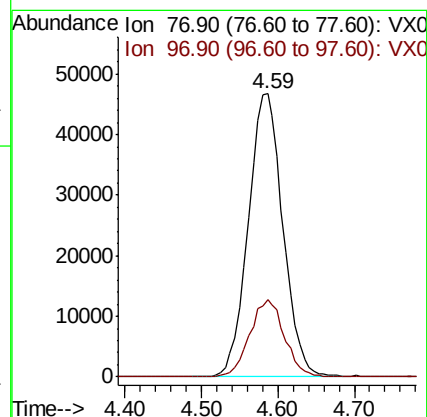
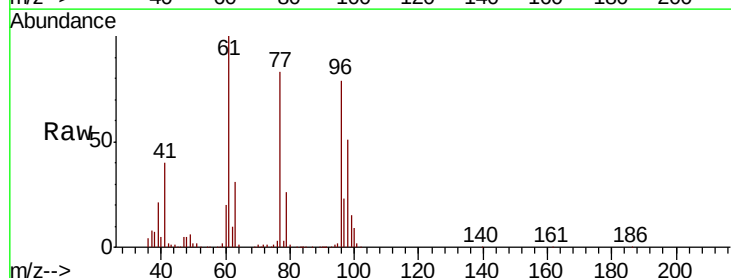
Acq: 12 Jun 2019 20:05

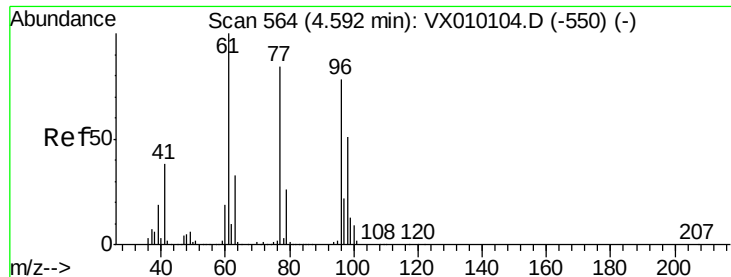
Tgt Ion: 77 Resp: 146995

Ion Ratio Lower Upper

77 100

97 27.2 11.4 34.2



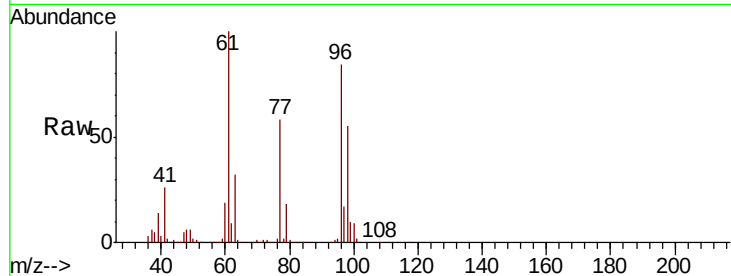


#27

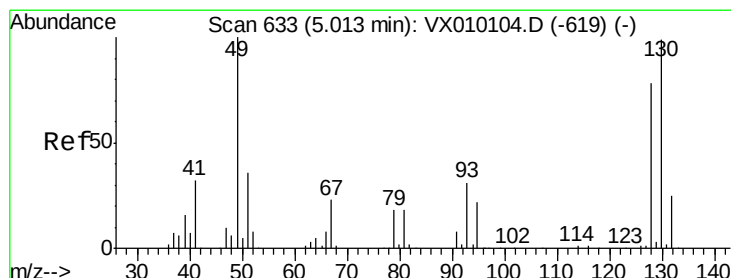
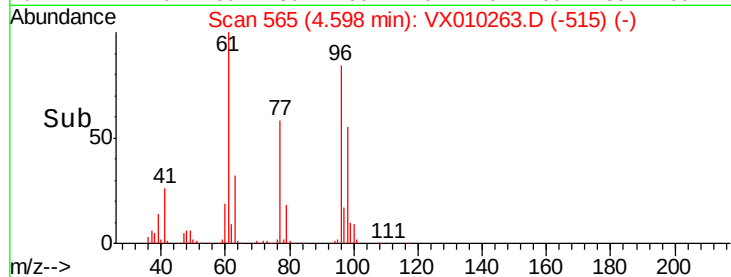
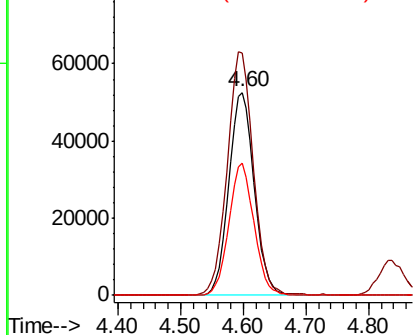
cis-1,2-Dichloroethene
Concen: 47.984 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX010263.D
Acq: 12 Jun 2019 20:05

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 96 Resp: 147481
Ion Ratio Lower Upper
96 100
61 123.6 0.0 334.0
98 64.2 0.0 131.6



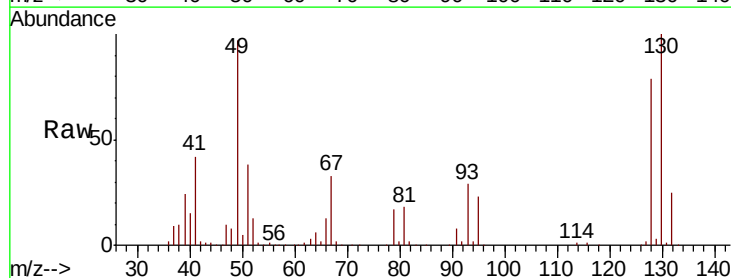
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



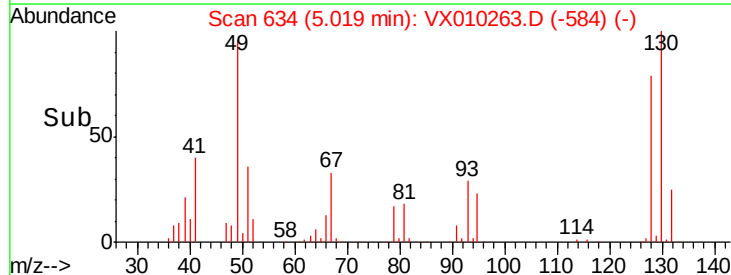
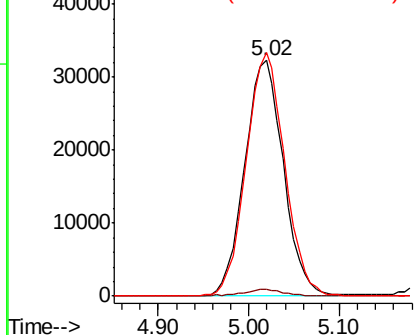
#28

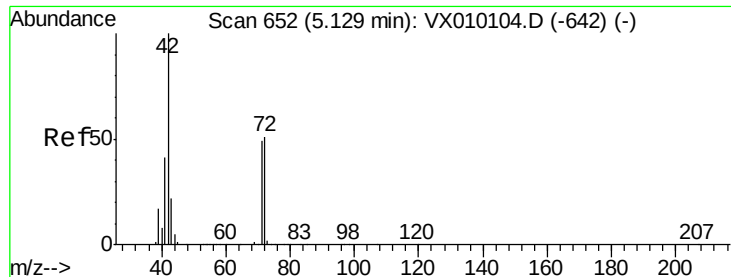
Bromochloromethane
Concen: 48.717 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010263.D
Acq: 12 Jun 2019 20:05

Tgt Ion: 49 Resp: 95513
Ion Ratio Lower Upper
49 100
129 2.9 0.0 3.4
130 102.6 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: 247.097 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX010263.D

Acq: 12 Jun 2019 20:05

Instrument :

MSVOA_X

ClientSampleId :

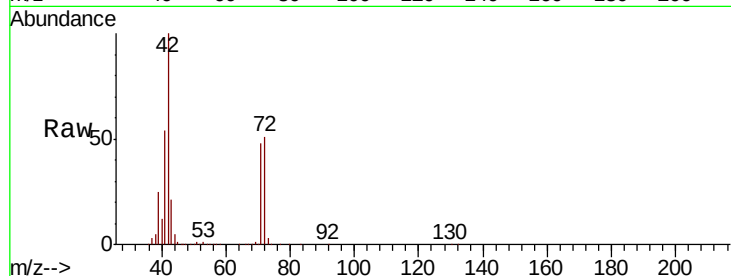
Tot Ion: 42 Resp: 295074

Ion Ratio Lower Upper

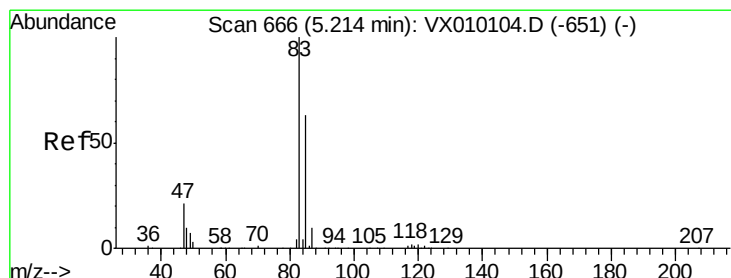
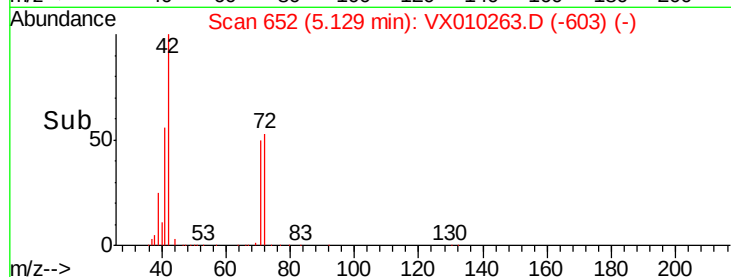
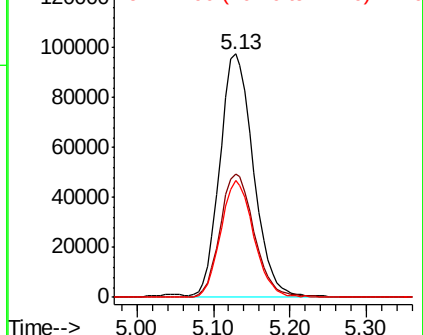
42 100

72 52.1 29.2 43.8#

71 47.4 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: 48.075 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX010263.D

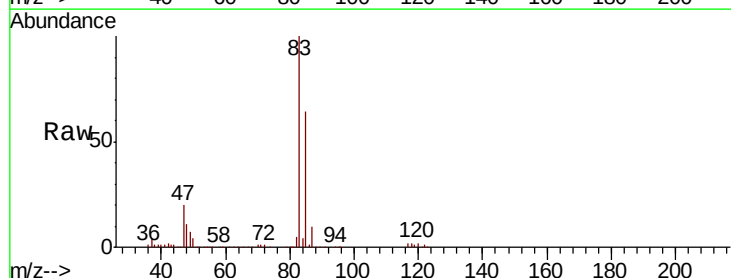
Acq: 12 Jun 2019 20:05

Tgt Ion: 83 Resp: 218414

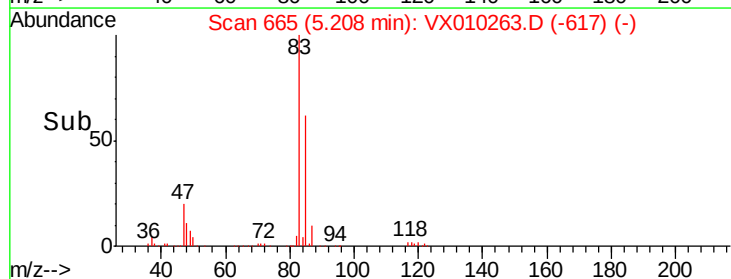
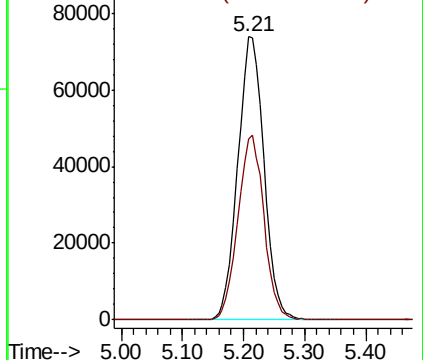
Ion Ratio Lower Upper

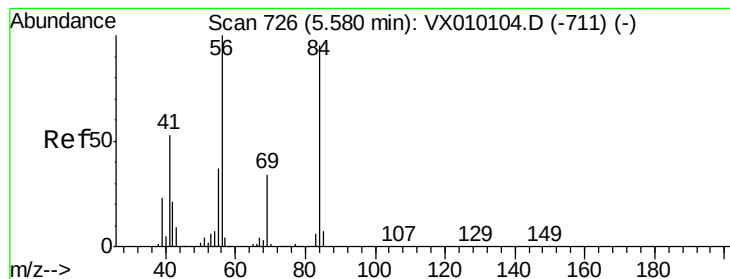
83 100

85 63.6 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: 45.150 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010263.D

Acq: 12 Jun 2019 20:05

Instrument :

MSVOA_X

ClientSampleId :

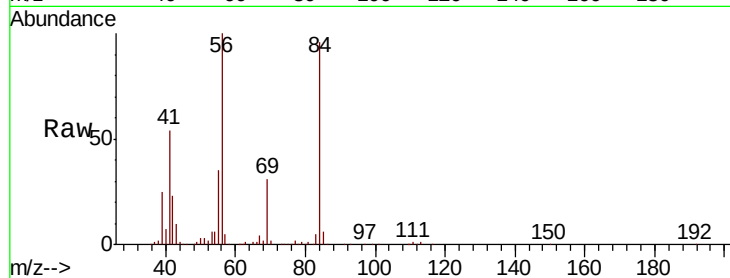
Tot Ion: 56 Resp: 178258

Ion Ratio Lower Upper

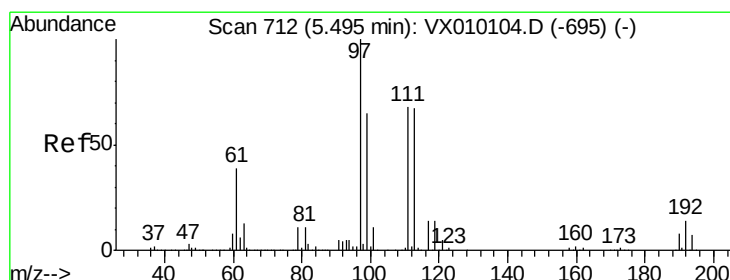
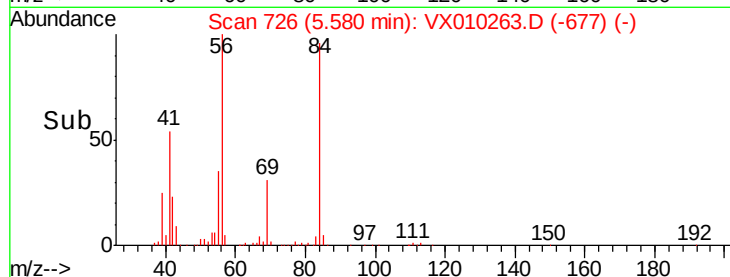
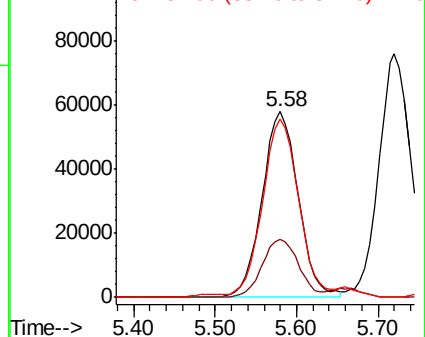
56 100

69 31.2 21.6 32.4

84 95.3 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: 45.350 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010263.D

Acq: 12 Jun 2019 20:05

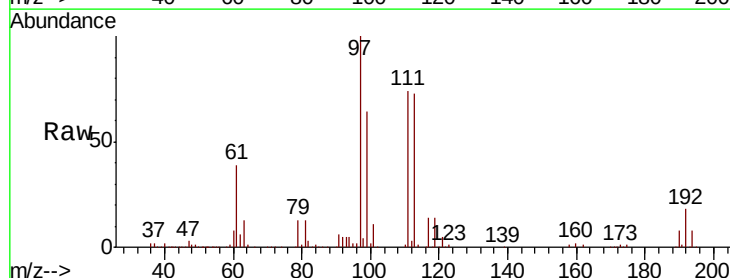
Tgt Ion: 97 Resp: 193694

Ion Ratio Lower Upper

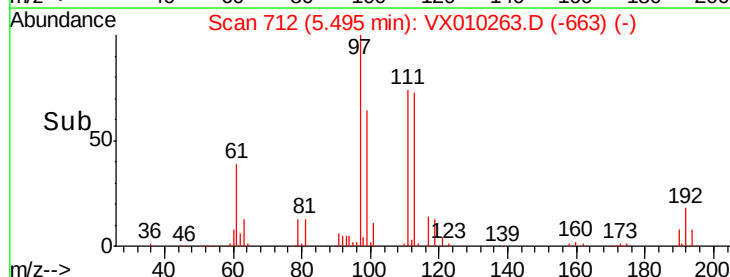
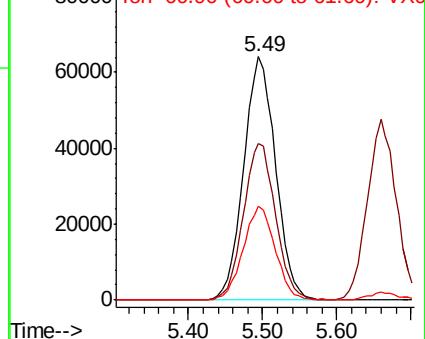
97 100

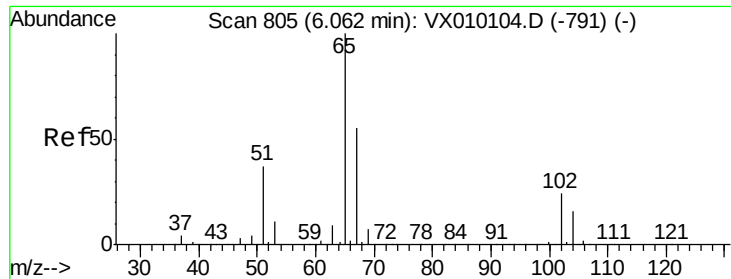
99 64.5 51.0 76.4

61 38.5 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

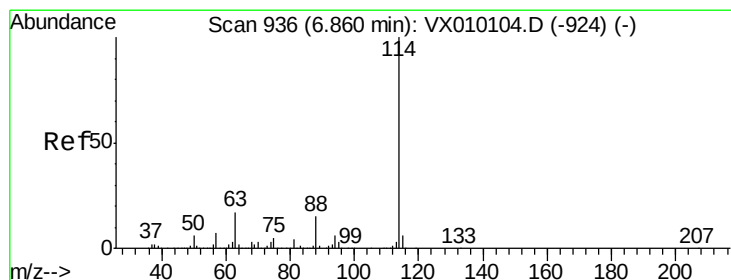
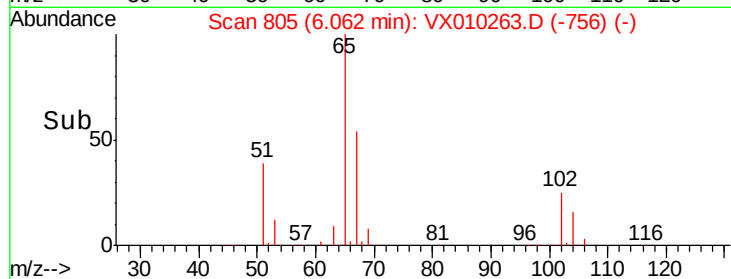
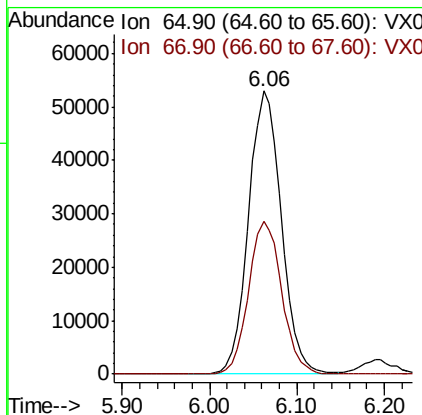
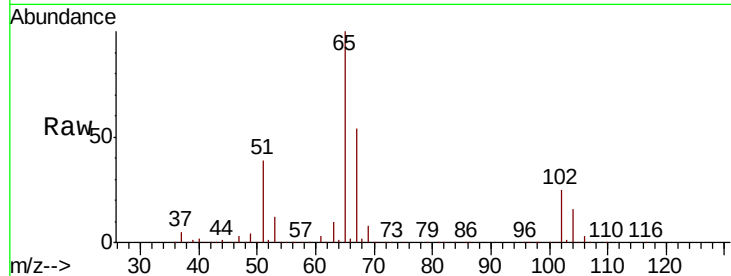




#33
 1,2-Dichloroethane-d4
 Concen: 51.075 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010263.D
 Acq: 12 Jun 2019 20:05

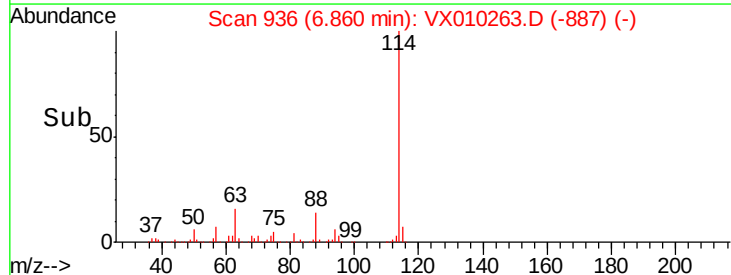
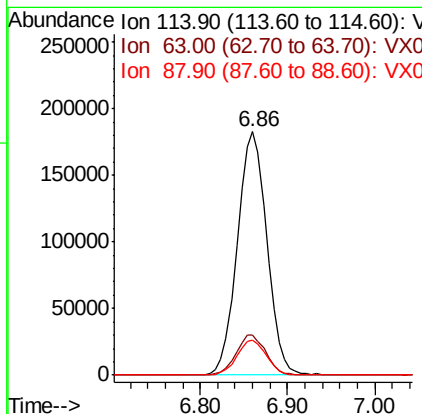
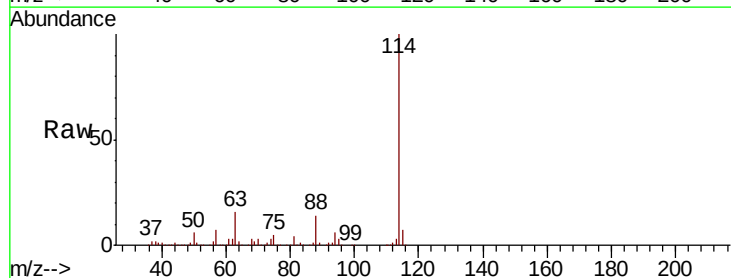
Instrument :
 MSVOA_X
 ClientSampleId :

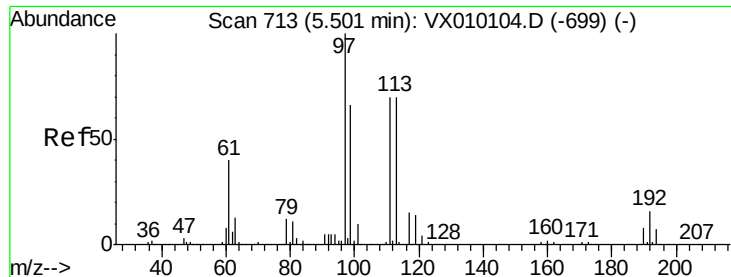
Tot Ion: 65 Resp: 138569
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010263.D
 Acq: 12 Jun 2019 20:05

Tgt Ion: 114 Resp: 428307
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 47.4
 88 14.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 52.899 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010263.D

Acq: 12 Jun 2019 20:05

Instrument :

MSVOA_X

ClientSampleId :

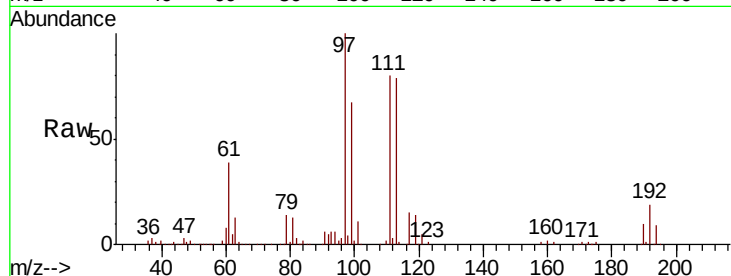
Tot Ion:113 Resp: 139754

Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.2

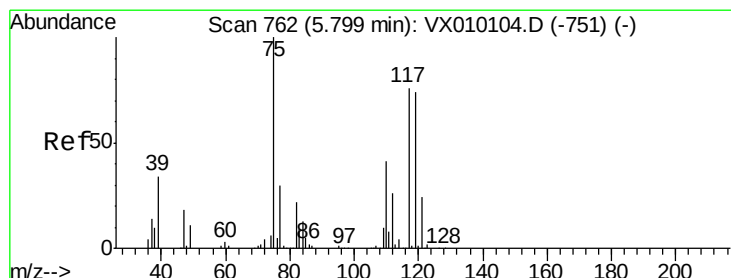
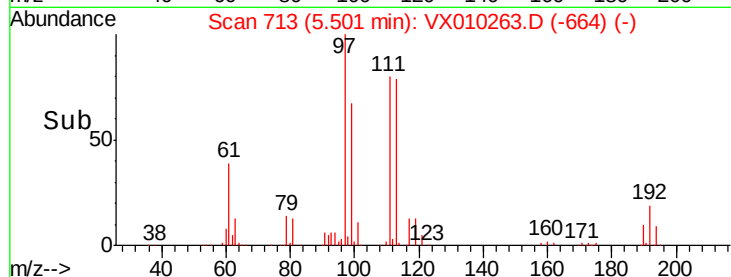
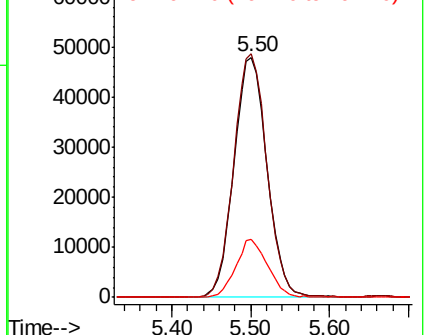
192 23.1 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 43.857 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX010263.D

Acq: 12 Jun 2019 20:05

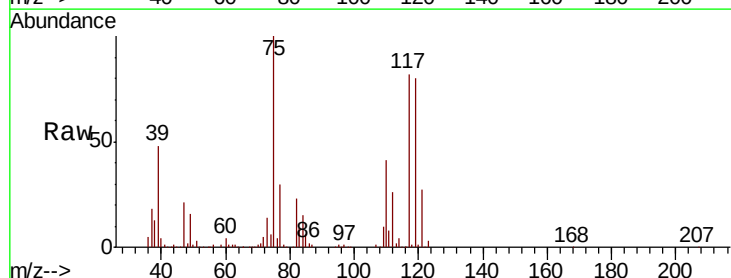
Tgt Ion: 75 Resp: 153250

Ion Ratio Lower Upper

75 100

110 42.3 16.7 50.1

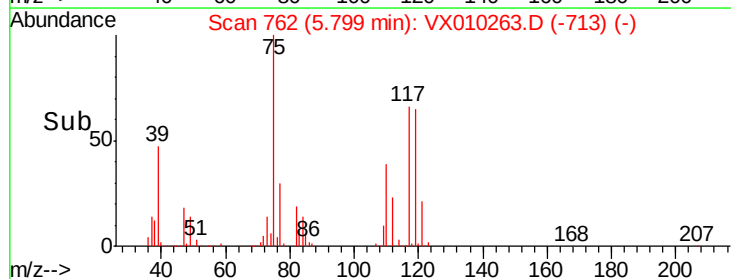
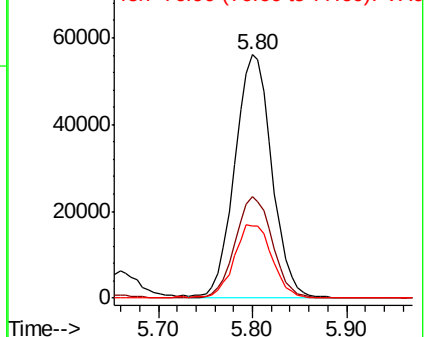
77 31.0 25.0 37.4

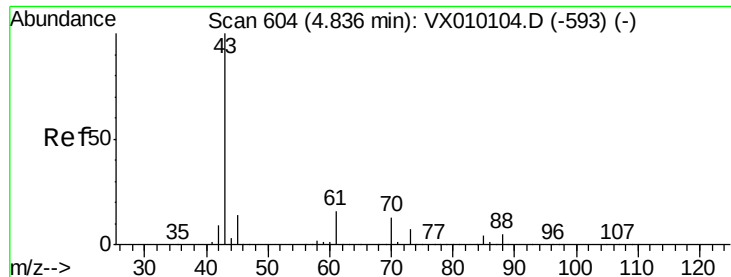


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

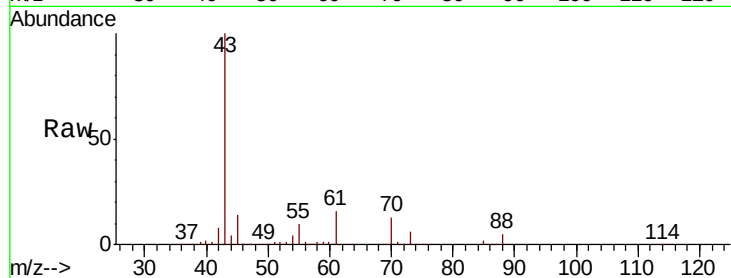




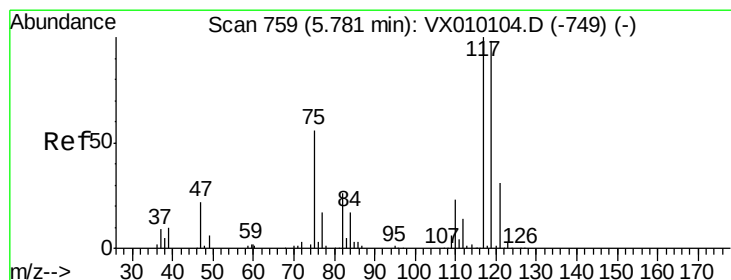
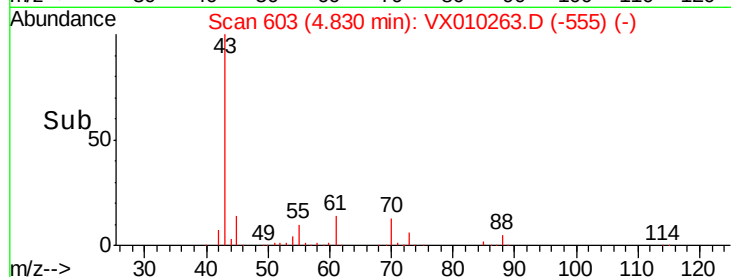
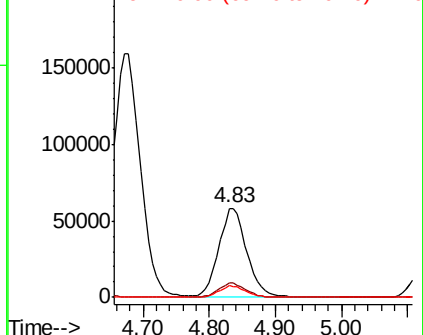
#37
Ethyl Acetate
Concen: 46.600 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010263.D
Acq: 12 Jun 2019 20:05

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 169425
Ion Ratio Lower Upper
43 100
61 15.9 10.2 15.2#
70 12.7 7.4 11.2#

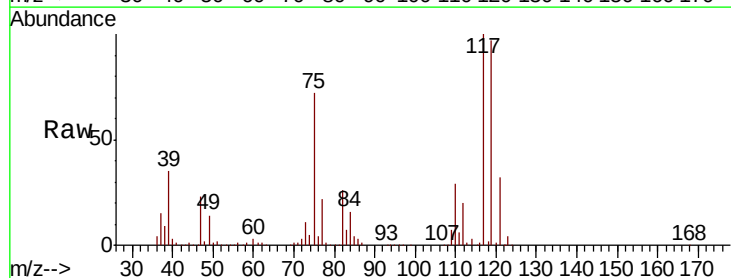


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

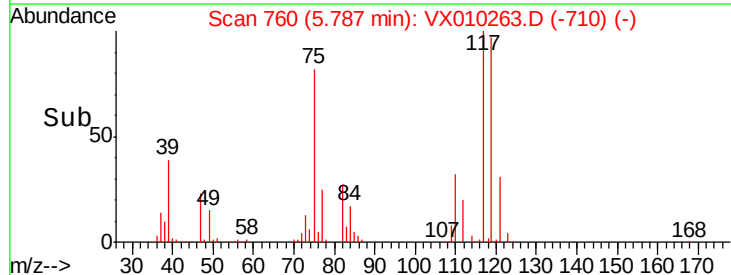
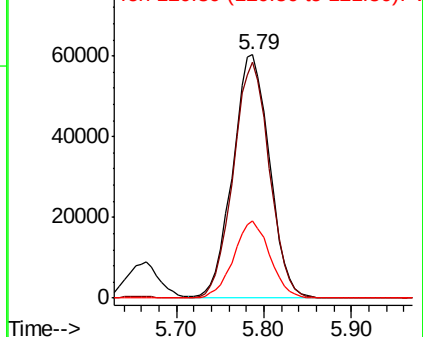


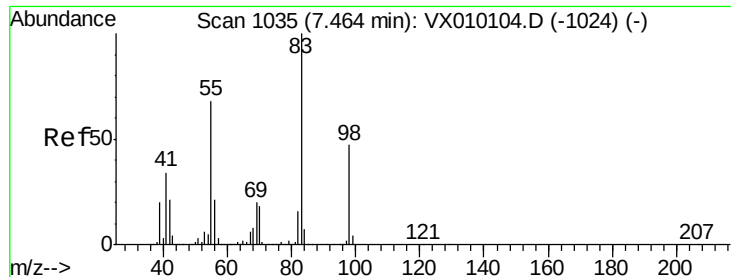
#38
Carbon Tetrachloride
Concen: 44.476 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX010263.D
Acq: 12 Jun 2019 20:05

Tgt Ion: 117 Resp: 175910
Ion Ratio Lower Upper
117 100
119 96.6 77.3 115.9
121 31.6 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

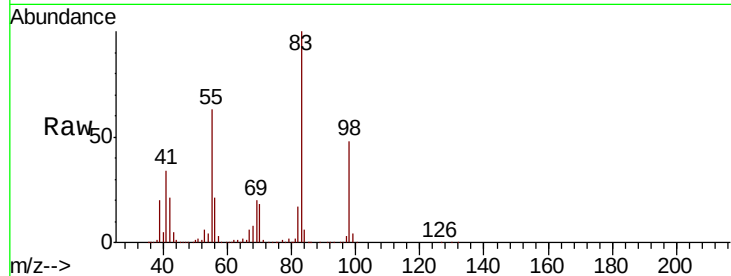




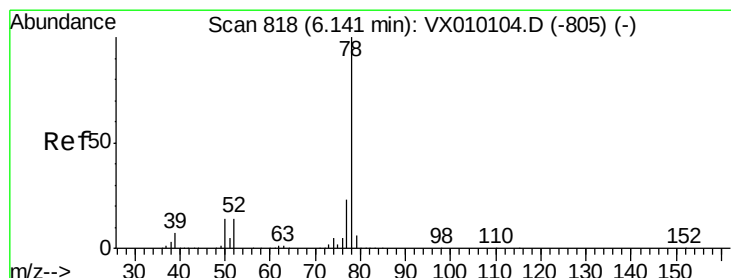
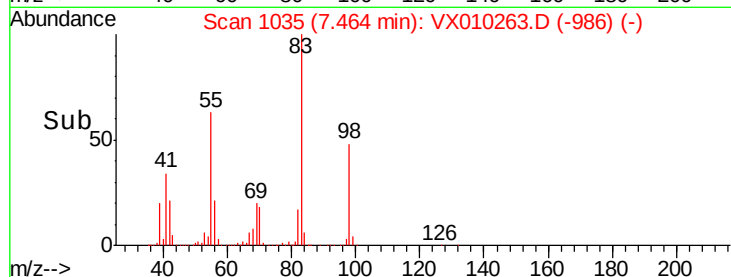
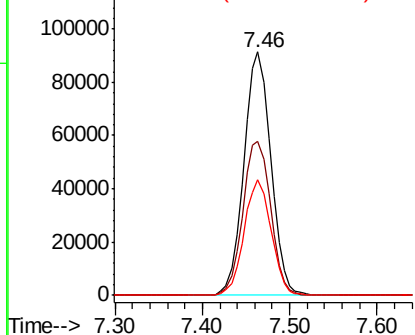
#39
Methylvlcyclohexane
Concen: 41.206 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010263.D
Acq: 12 Jun 2019 20:05

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 196066
Ion Ratio Lower Upper
83 100
55 63.4 69.9 104.9#
98 47.6 35.1 52.7

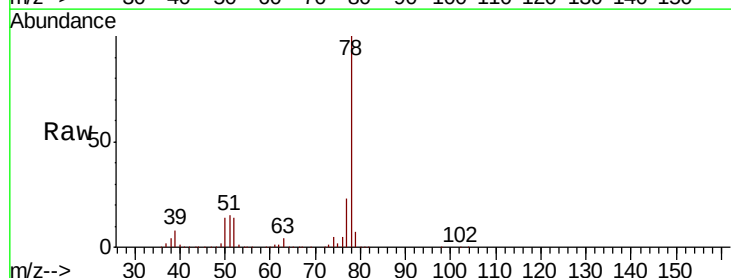


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

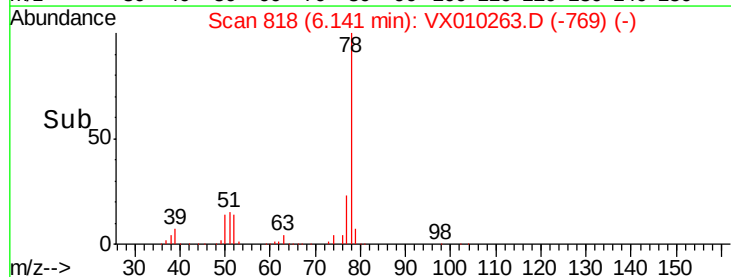
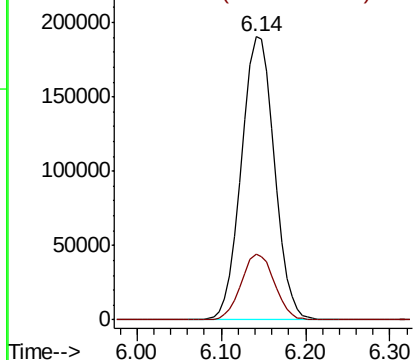


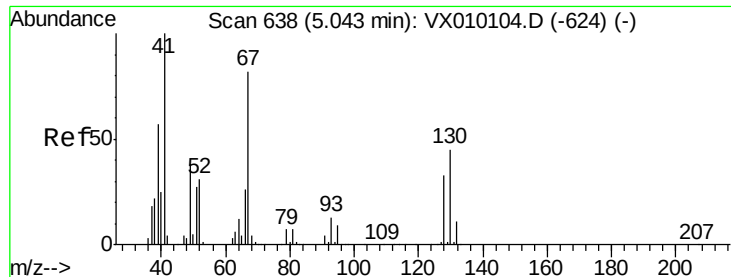
#40
Benzene
Concen: 46.678 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010263.D
Acq: 12 Jun 2019 20:05

Tgt Ion: 78 Resp: 504368
Ion Ratio Lower Upper
78 100
77 23.5 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

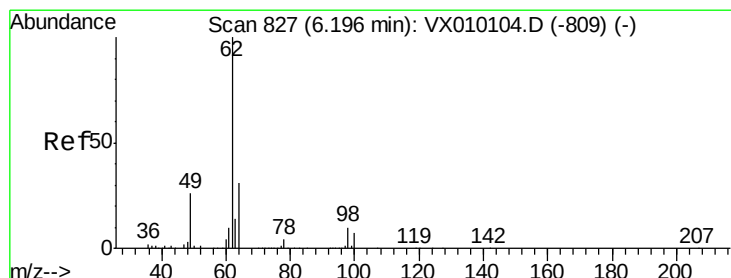
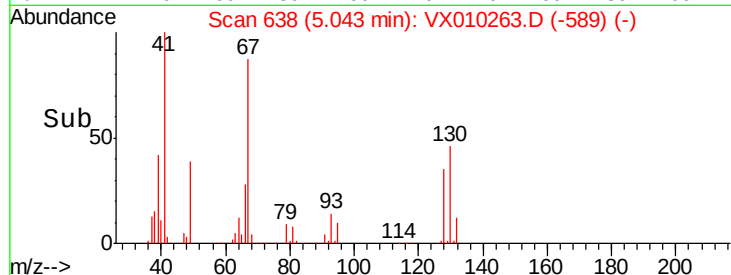
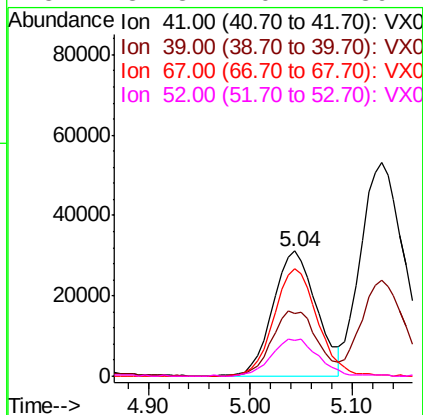
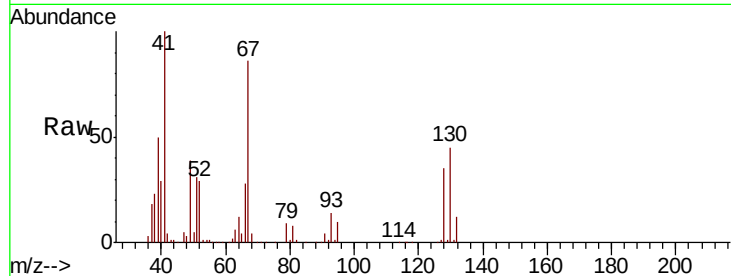




#41
Methacrylonitrile
Concen: 46.890 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX010263.D
Acq: 12 Jun 2019 20:05

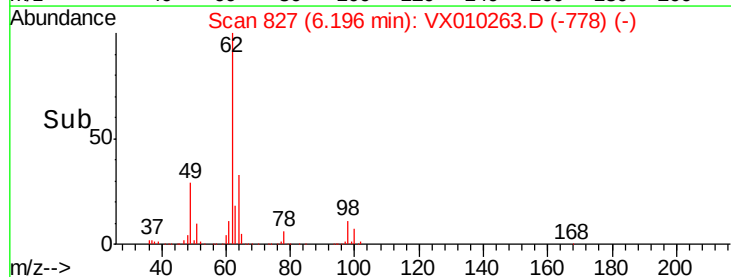
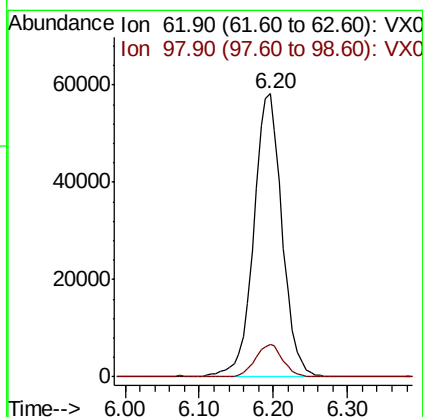
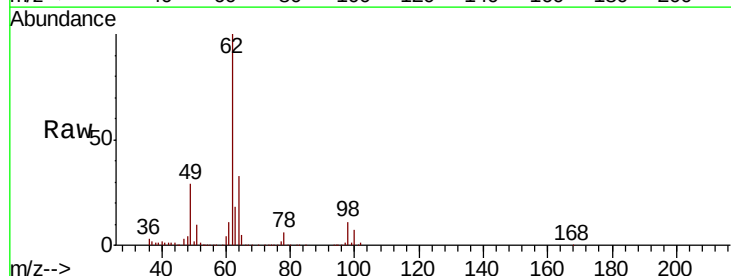
Instrument :
MSVOA_X
ClientSampled :

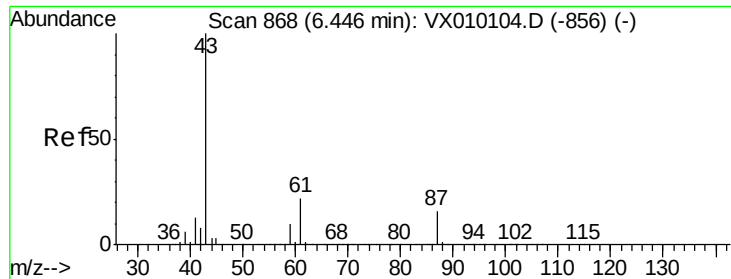
Tot Ion: 41 Resp: 92218
Ion Ratio Lower Upper
41 100
39 54.1 42.2 63.4
67 86.6 48.9 73.3#
52 31.3 20.1 30.1#



#42
1,2-Dichloroethane
Concen: 44.888 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX010263.D
Acq: 12 Jun 2019 20:05

Tgt Ion: 62 Resp: 154842
Ion Ratio Lower Upper
62 100
98 11.3 0.0 17.2





#43

Isopropyl Acetate

Concen: 46.014 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010263.D

Acq: 12 Jun 2019 20:05

Instrument :

MSVOA_X

ClientSampleId :

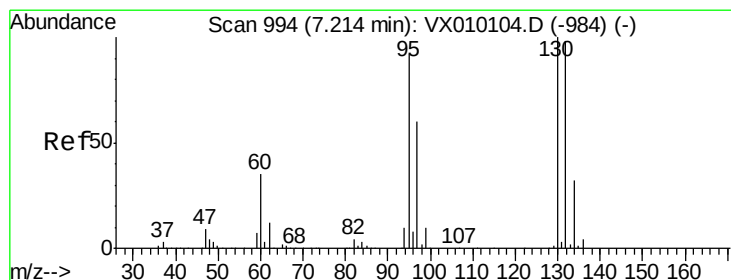
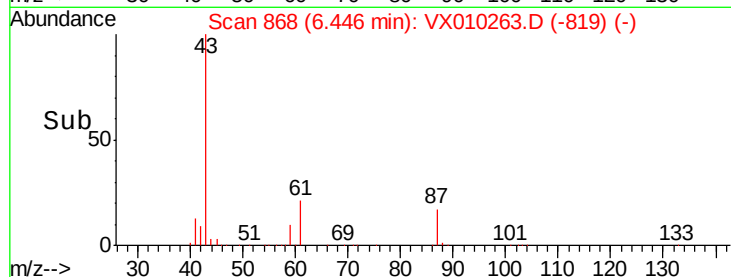
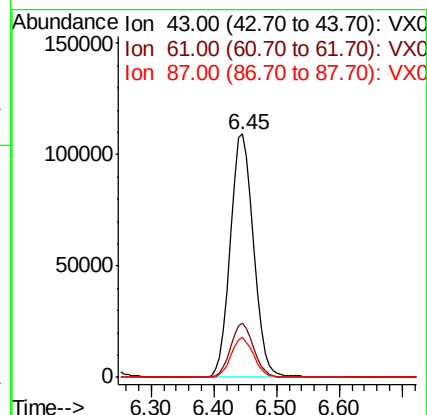
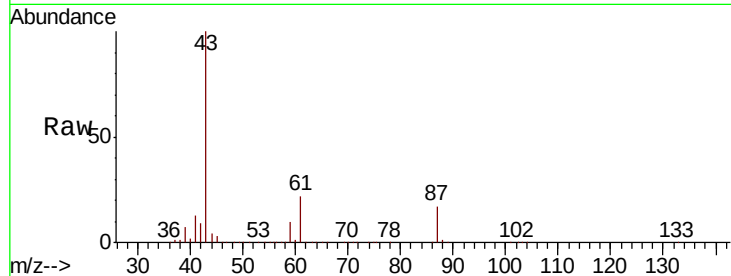
Tot Ion: 43 Resp: 279719

Ion Ratio Lower Upper

43 100

61 22.2 14.6 21.8#

87 16.0 8.7 13.1#



#44

Trichloroethene

Concen: 45.001 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010263.D

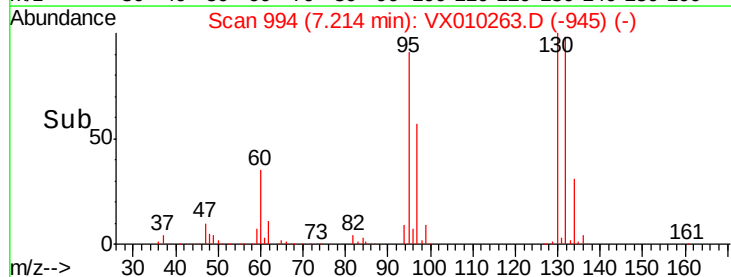
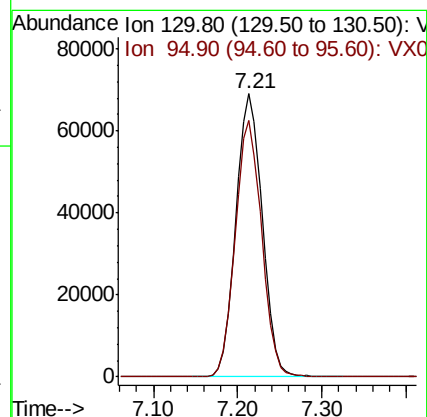
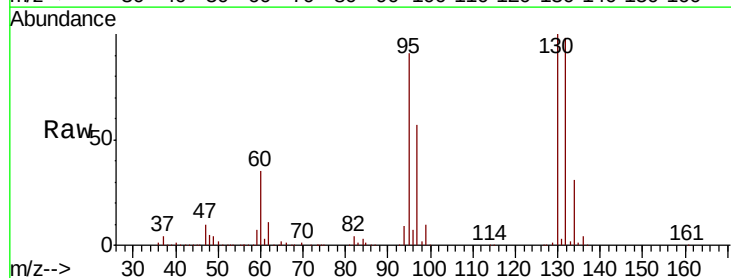
Acq: 12 Jun 2019 20:05

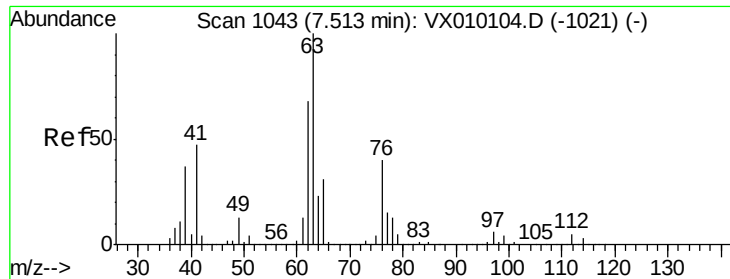
Tgt Ion:130 Resp: 146566

Ion Ratio Lower Upper

130 100

95 90.6 0.0 207.4





#45

1,2-Dichloropropane

Concen: 47.260 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010263.D

Acq: 12 Jun 2019 20:05

Instrument :

MSVOA_X

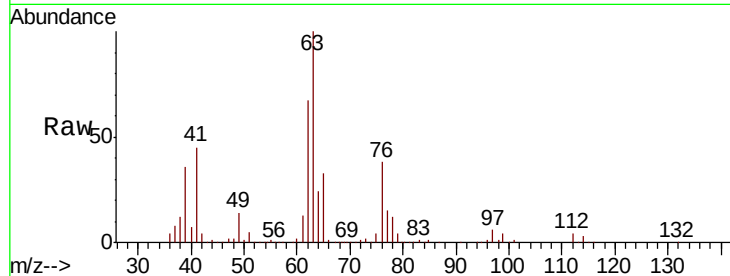
ClientSampleId :

Tot Ion: 63 Resp: 127813

Ion Ratio Lower Upper

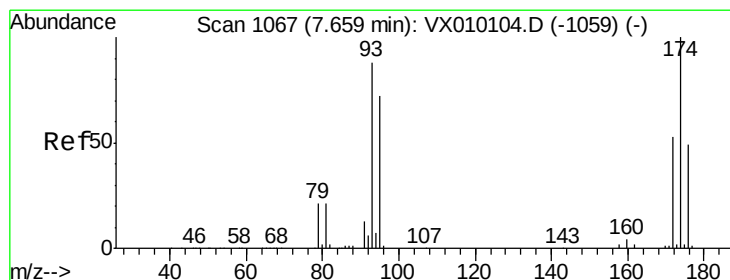
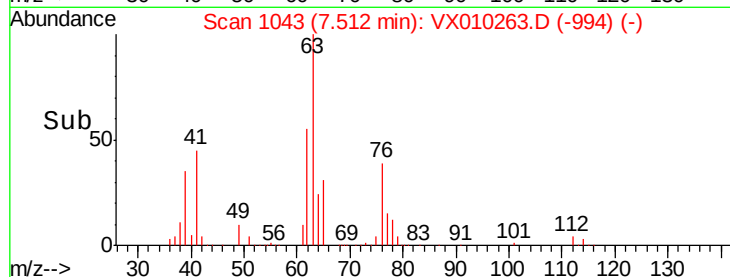
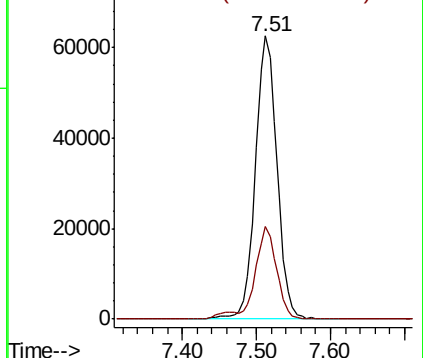
63 100

65 32.5 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 45.228 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010263.D

Acq: 12 Jun 2019 20:05

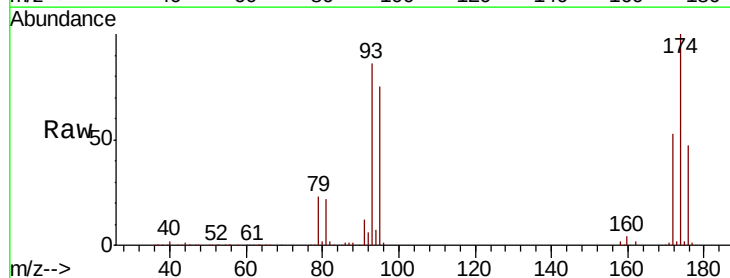
Tgt Ion: 93 Resp: 91636

Ion Ratio Lower Upper

93 100

95 85.5 66.8 100.2

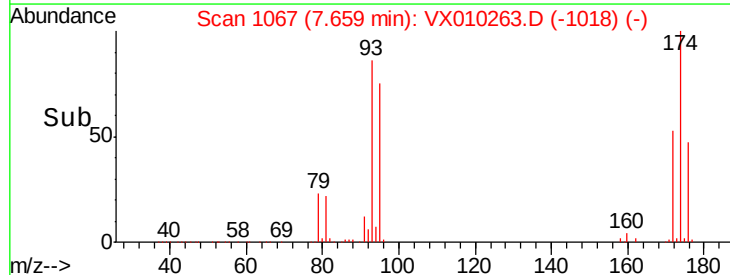
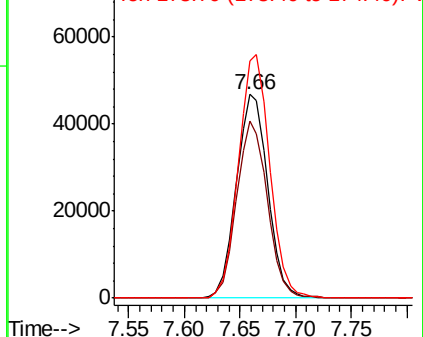
174 119.4 81.9 122.9

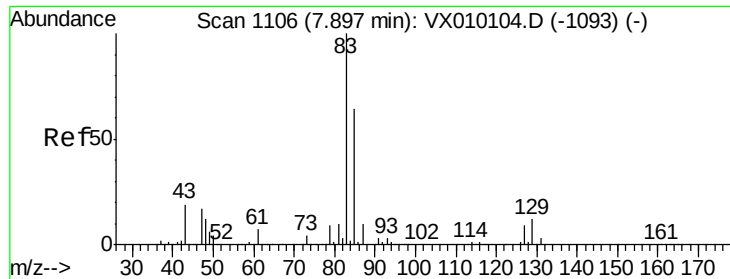


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 45.662 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010263.D

Acq: 12 Jun 2019 20:05

Instrument :

MSVOA_X

ClientSampleId :

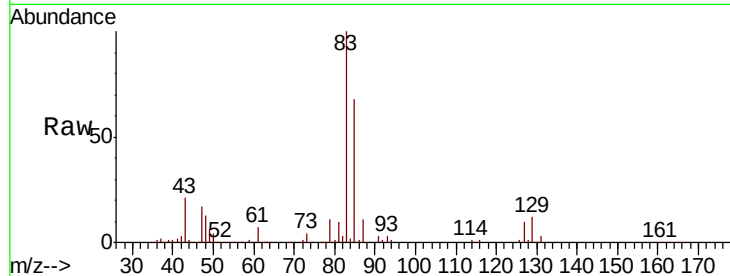
Tot Ion: 83 Resp: 172877

Ion Ratio Lower Upper

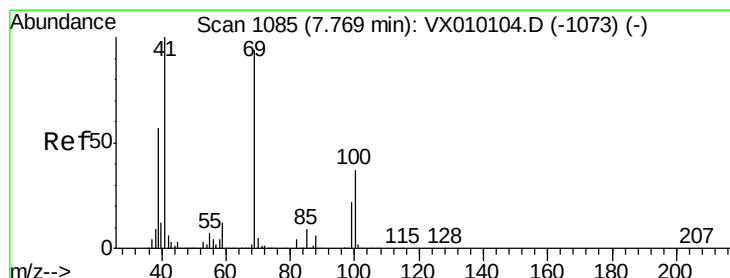
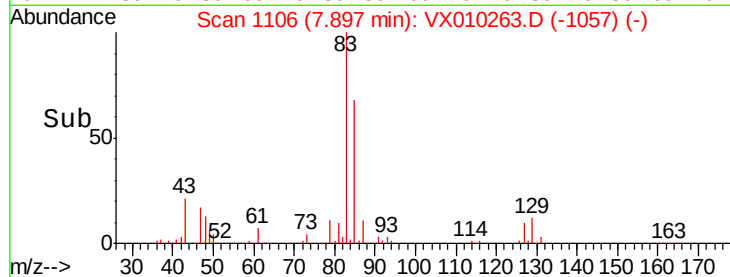
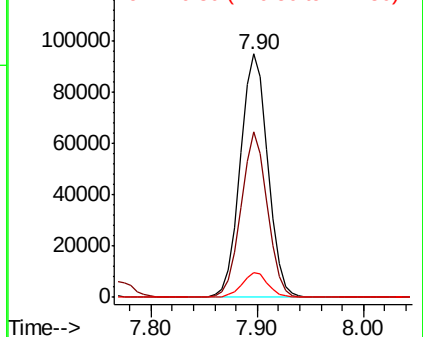
83 100

85 68.0 51.4 77.2

127 10.4 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: 47.502 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010263.D

Acq: 12 Jun 2019 20:05

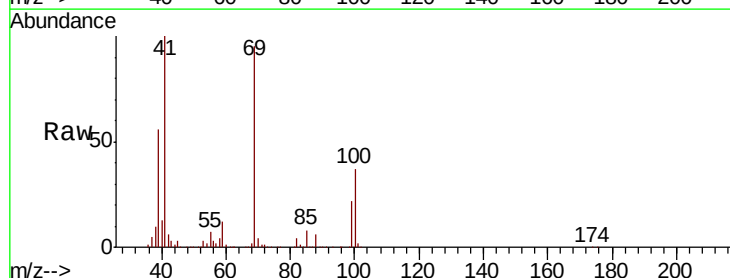
Tgt Ion: 41 Resp: 135047

Ion Ratio Lower Upper

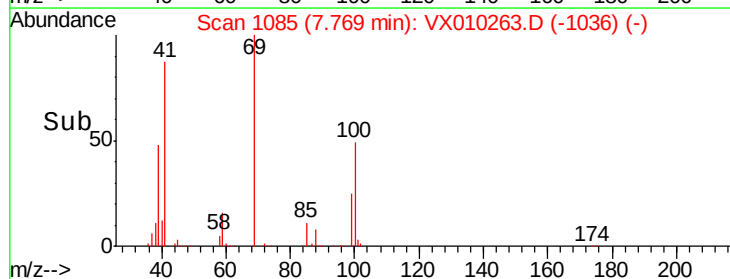
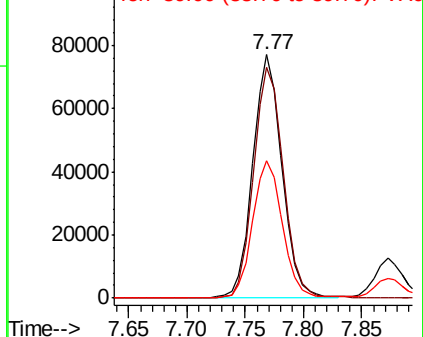
41 100

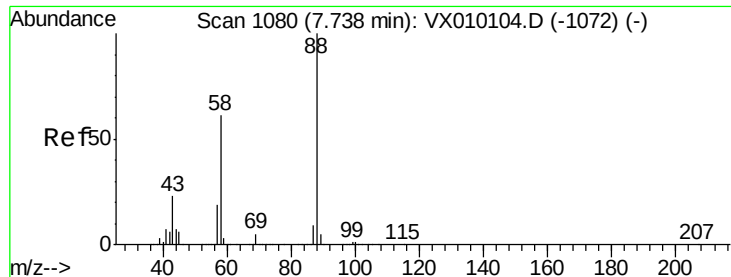
69 96.9 56.4 84.6#

39 57.3 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: 858.051 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010263.D

Acq: 12 Jun 2019 20:05

Instrument :

MSVOA_X

ClientSampleId :

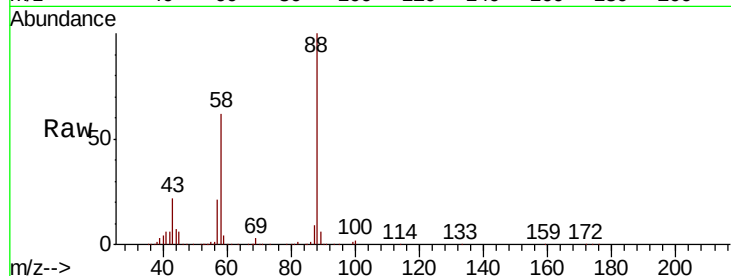
Tot Ion: 88 Resp: 69550

Ion Ratio Lower Upper

88 100

43 25.0 30.2 45.4#

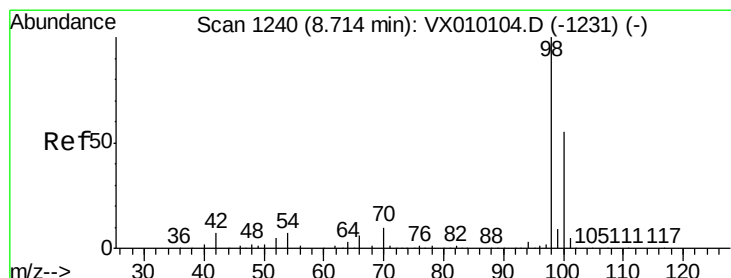
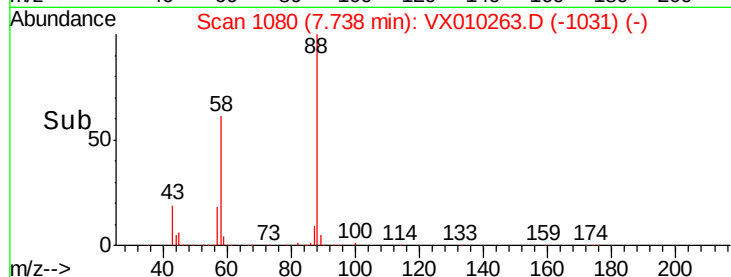
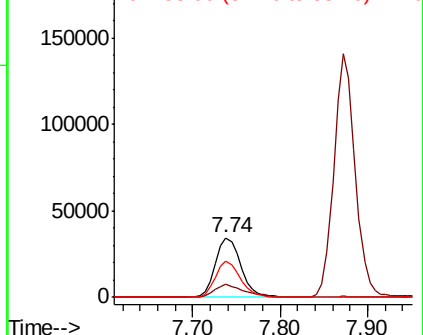
58 61.1 64.0 96.0#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 52.677 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010263.D

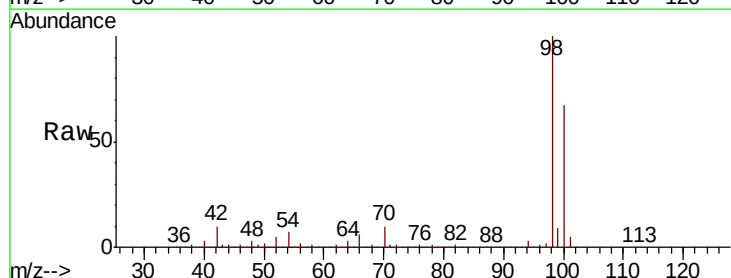
Acq: 12 Jun 2019 20:05

Tgt Ion: 98 Resp: 521580

Ion Ratio Lower Upper

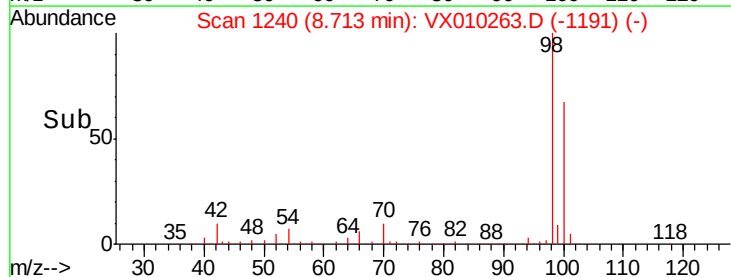
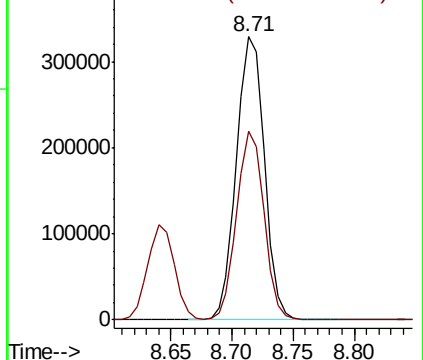
98 100

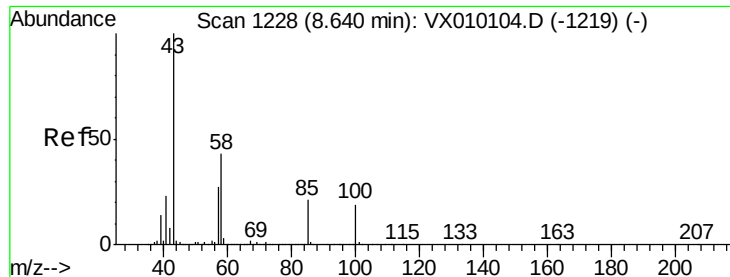
100 65.1 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 254.965 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010263.D

Acq: 12 Jun 2019 20:05

Instrument :

MSVOA_X

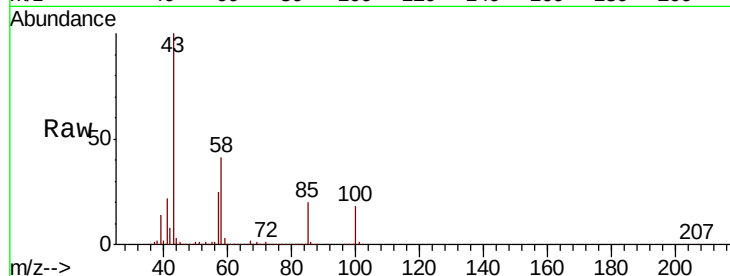
ClientSampleId :

Tot Ion: 43 Resp: 925922

Ion Ratio Lower Upper

43 100

58 41.9 28.8 43.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

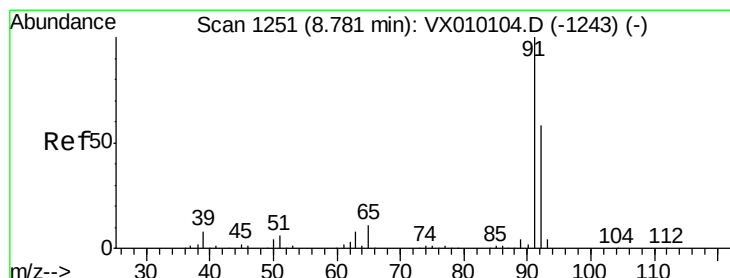
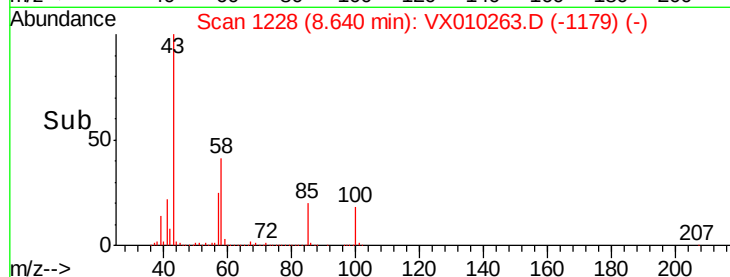
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 46.780 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX010263.D

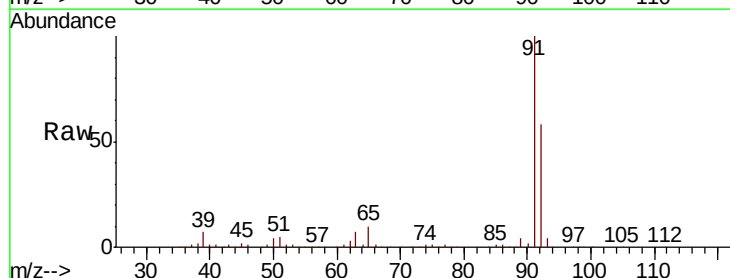
Acq: 12 Jun 2019 20:05

Tgt Ion: 92 Resp: 332267

Ion Ratio Lower Upper

92 100

91 174.5 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

400000

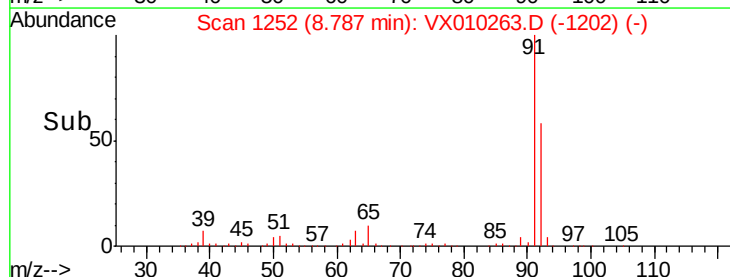
300000

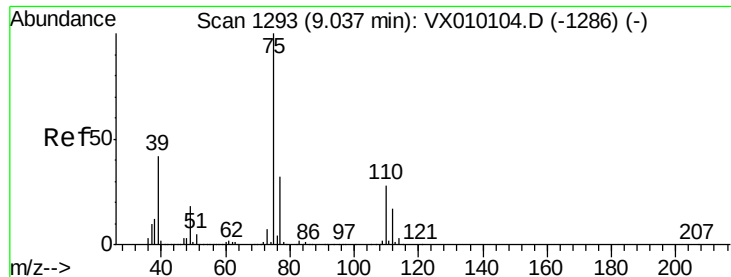
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 42.943 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010263.D

Acq: 12 Jun 2019 20:05

Instrument :

MSVOA_X

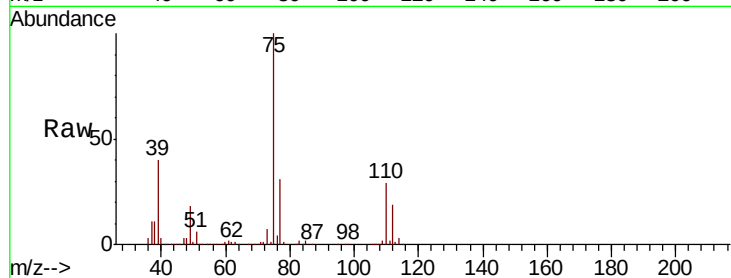
ClientSampled :

Tot Ion: 75 Resp: 188052

Ion Ratio Lower Upper

75 100

77 31.3 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

150000

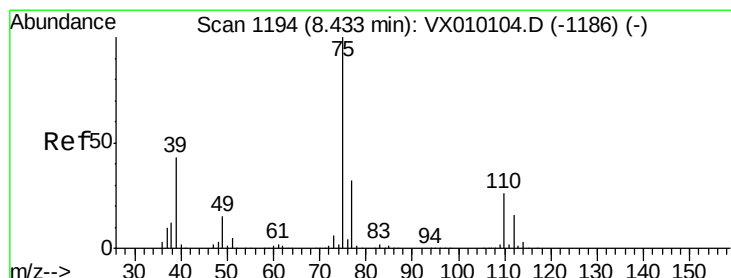
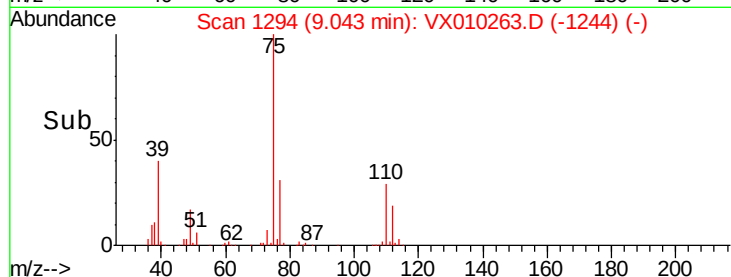
100000

50000

0

9.00 9.10 9.20

Time-->



#54

cis-1,3-Dichloropropene

Concen: 43.343 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010263.D

Acq: 12 Jun 2019 20:05

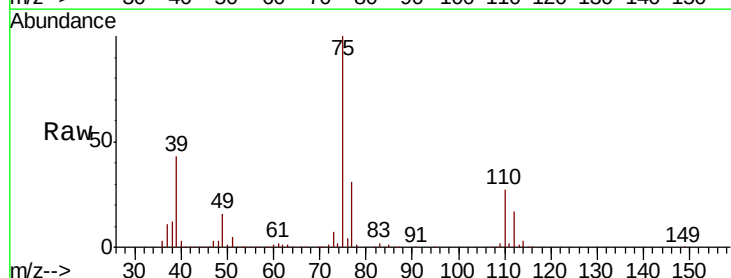
Tgt Ion: 75 Resp: 203480

Ion Ratio Lower Upper

75 100

77 31.1 24.8 37.2

39 42.5 43.4 65.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

150000

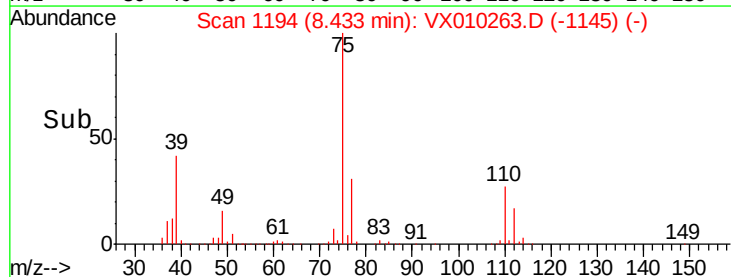
100000

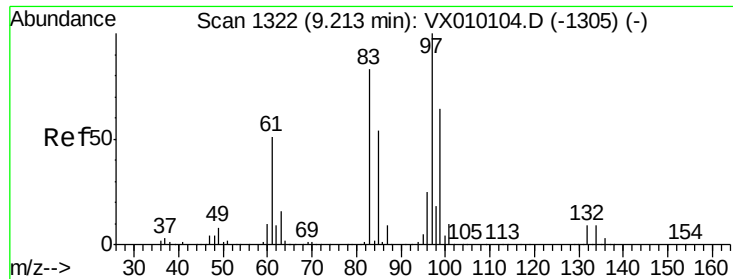
50000

0

8.30 8.40 8.50 8.60

Time-->





#55

1,1,2-Trichloroethane

Concen: 49.160 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX010263.D

Acq: 12 Jun 2019 20:05

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 97 Resp: 143001

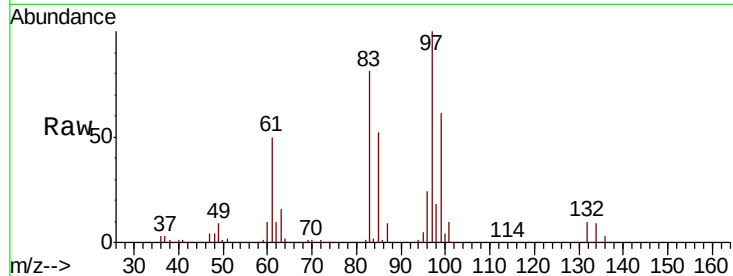
Ion Ratio Lower Upper

97 100

83 80.5 69.8 104.8

85 52.2 45.3 67.9

99 61.2 49.0 73.4

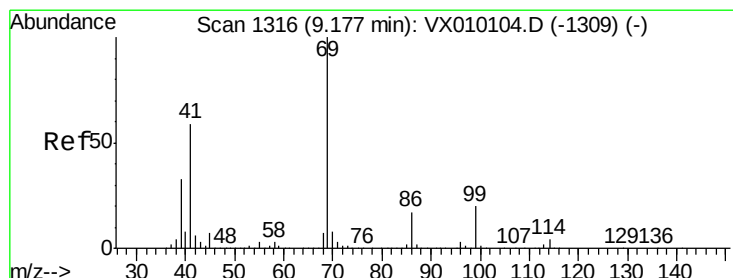
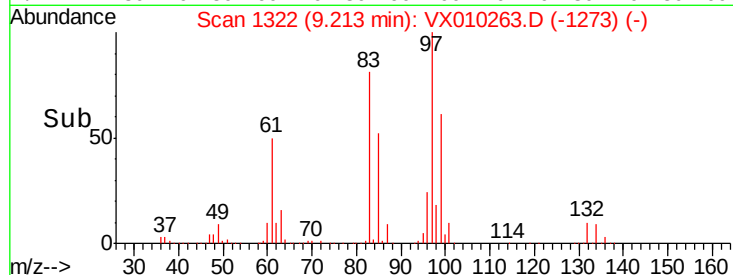
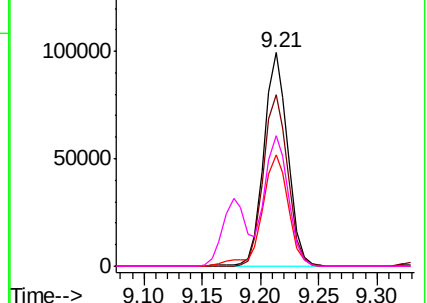


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 47.868 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX010263.D

Acq: 12 Jun 2019 20:05

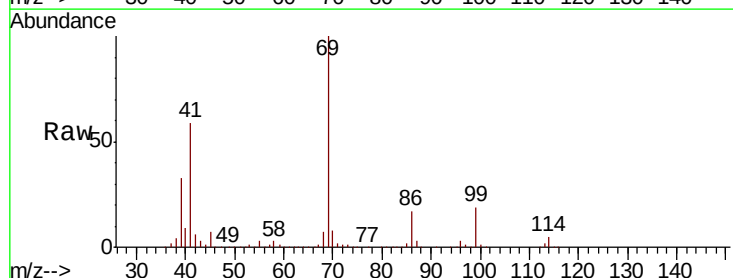
Tgt Ion: 69 Resp: 219953

Ion Ratio Lower Upper

69 100

41 57.9 62.7 94.1#

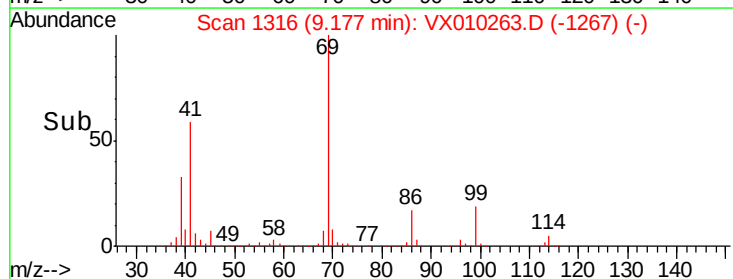
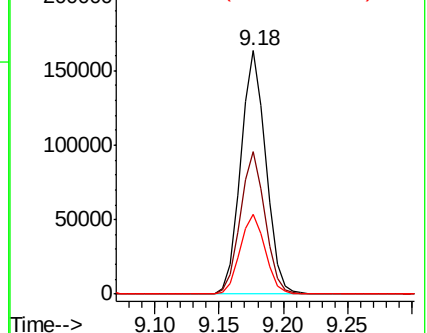
39 32.9 29.5 44.3

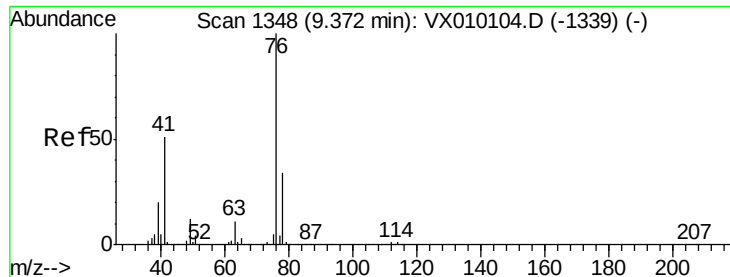


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

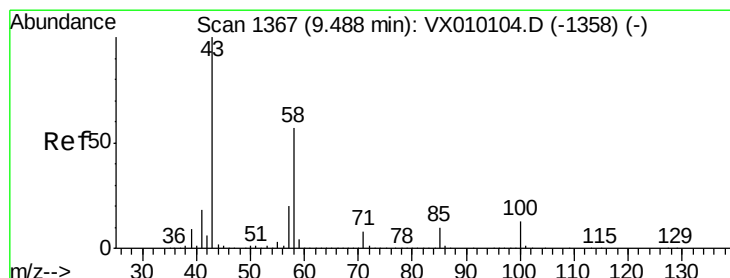
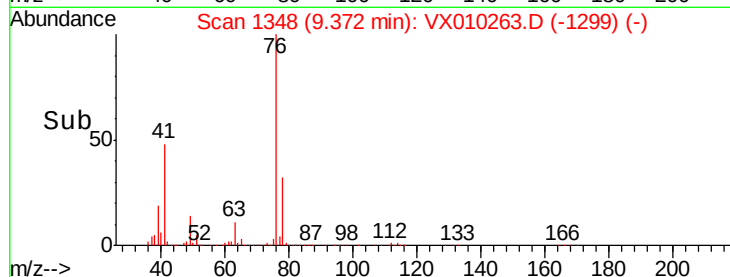
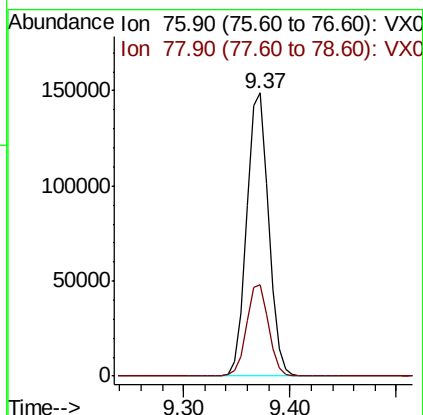
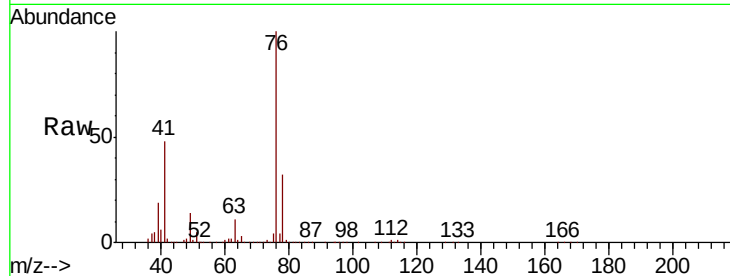




#57
 1,3-Dichloropropane
 Concen: 47.224 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX010263.D
 Acq: 12 Jun 2019 20:05

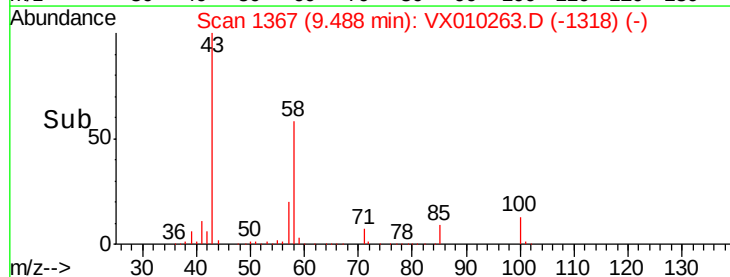
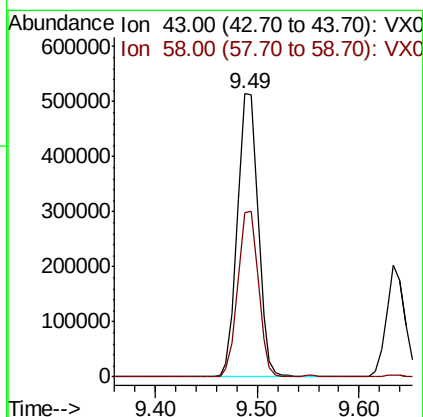
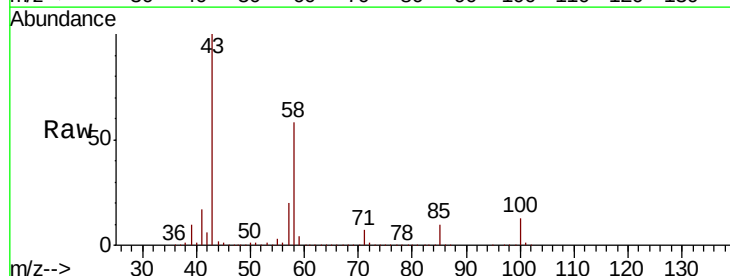
Instrument :
 MSVOA_X
 ClientSampleId :

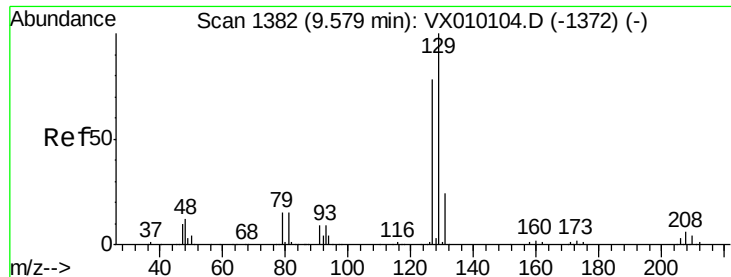
Tot Ion: 76 Resp: 216265
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.4 38.0



#59
 2-Hexanone
 Concen: 248.220 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VX010263.D
 Acq: 12 Jun 2019 20:05

Tgt Ion: 43 Resp: 718718
 Ion Ratio Lower Upper
 43 100
 58 58.2 25.1 75.3

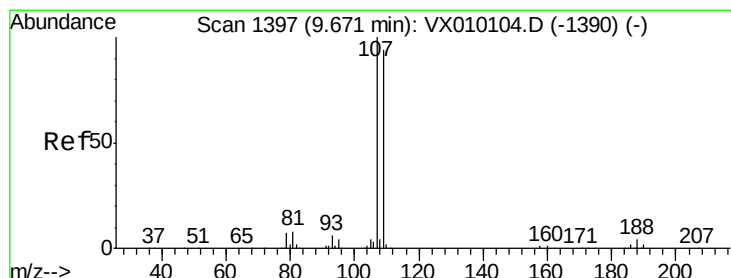
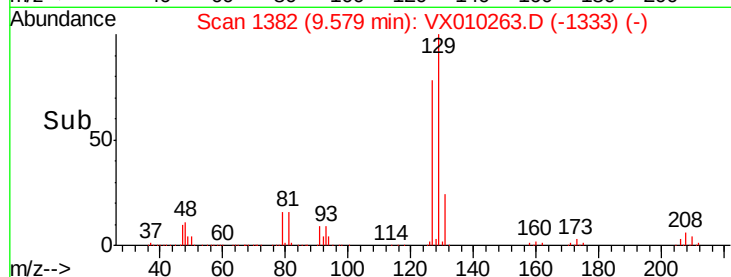
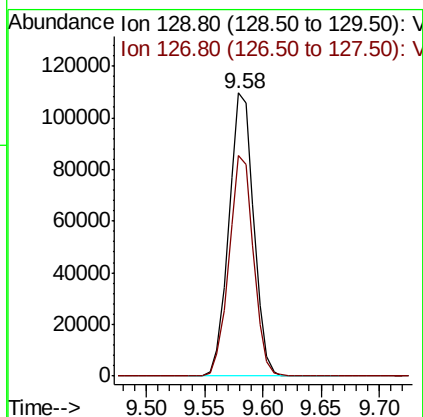
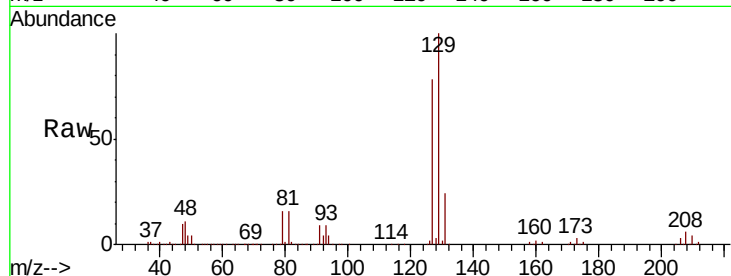




#60
 Dibromochloromethane
 Concen: 47.076 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VX010263.D
 Acq: 12 Jun 2019 20:05

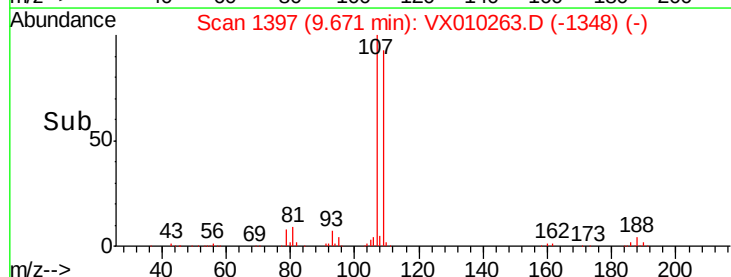
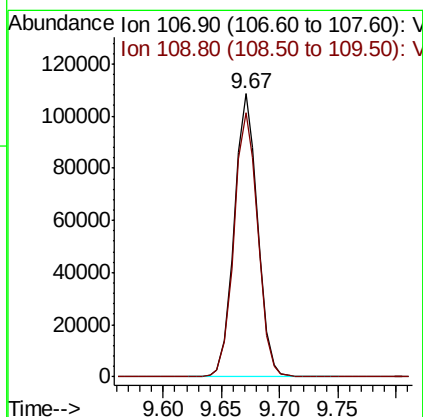
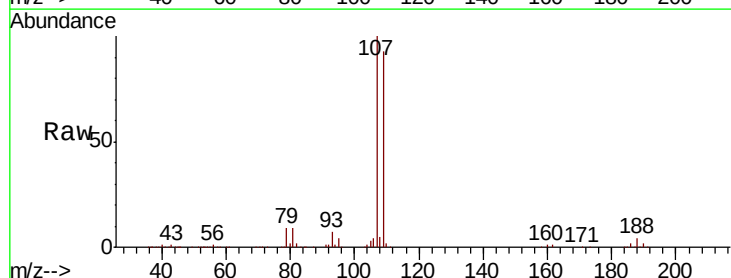
Instrument :
 MSVOA_X
 ClientSampleId :

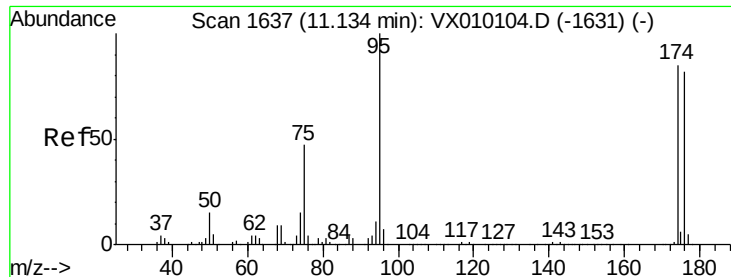
Tot Ion:129 Resp: 161975
 Ion Ratio Lower Upper
 129 100
 127 76.7 38.5 115.5



#61
 1,2-Dibromoethane
 Concen: 46.952 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX010263.D
 Acq: 12 Jun 2019 20:05

Tgt Ion:107 Resp: 152111
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.4 113.2

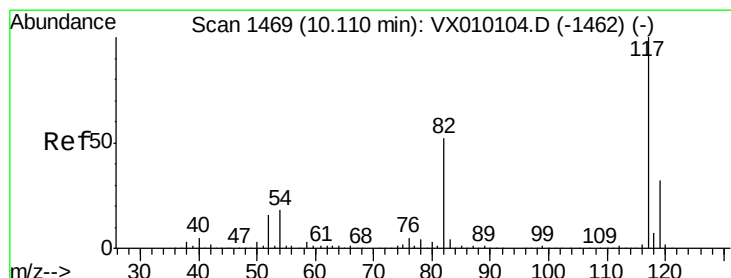
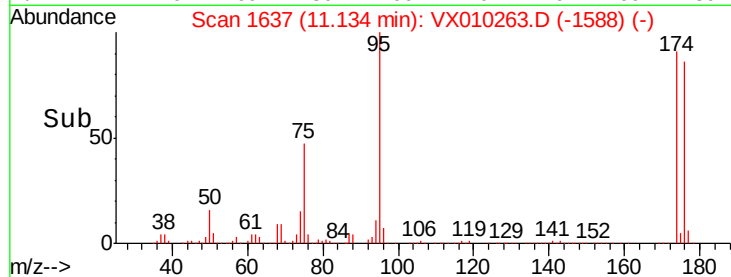
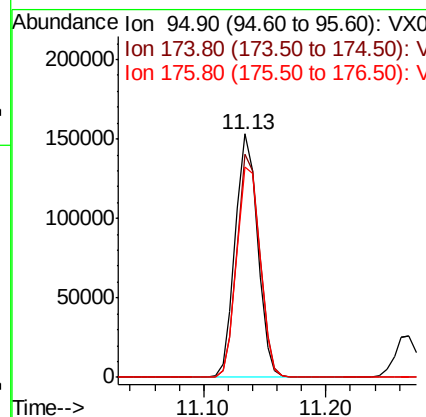
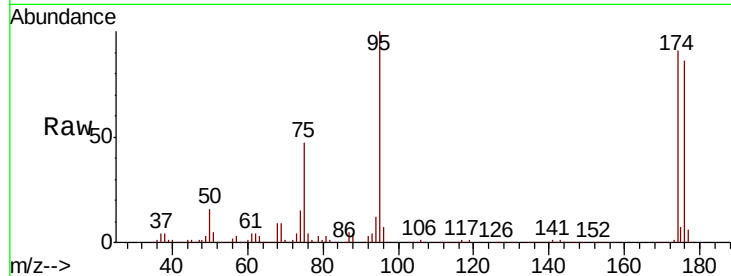




#62
4-Bromofluorobenzene
Concen: 52.419 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010263.D
Acq: 12 Jun 2019 20:05

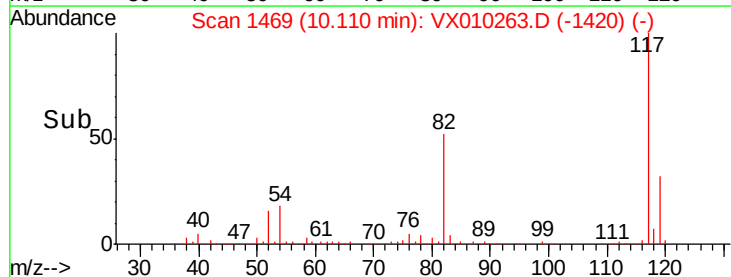
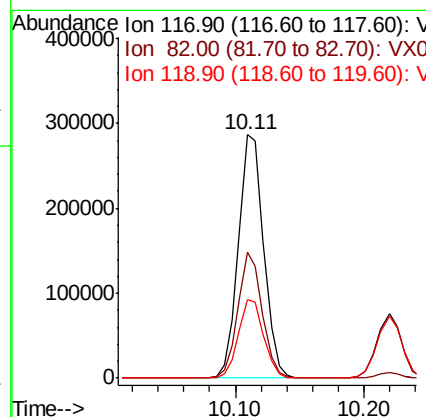
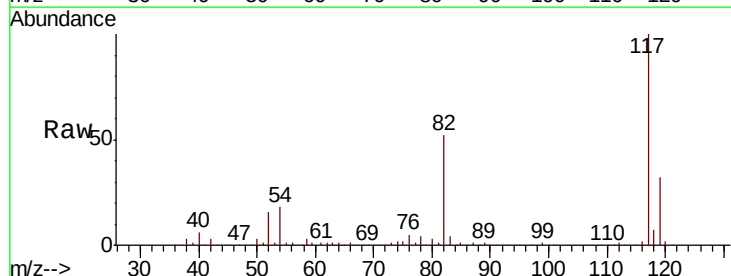
Instrument :
MSVOA_X
ClientSampleId :

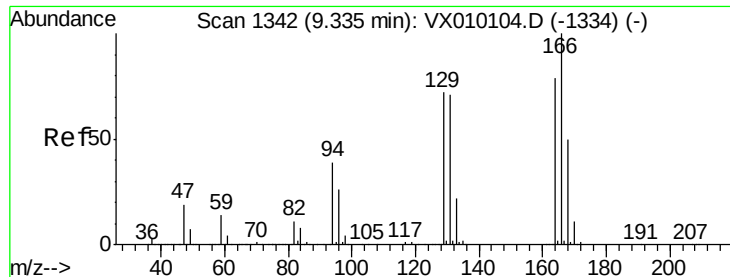
Tot Ion	Ratio	Lower	Upper
95	100		
174	92.8	0.0	160.4
176	90.5	0.0	154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010263.D
Acq: 12 Jun 2019 20:05

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.8	49.2	73.8
119	32.4	25.2	37.8

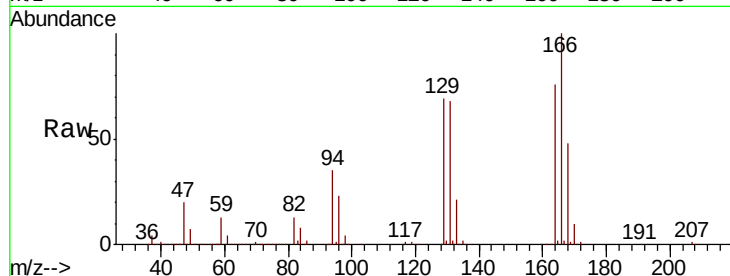




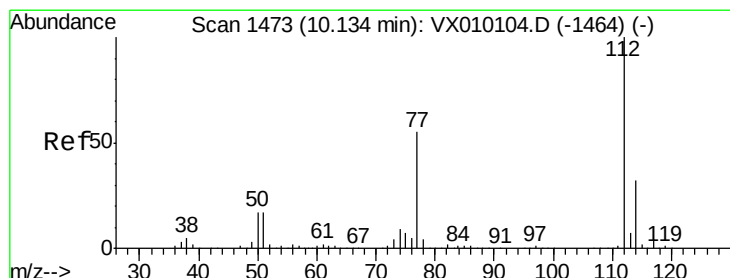
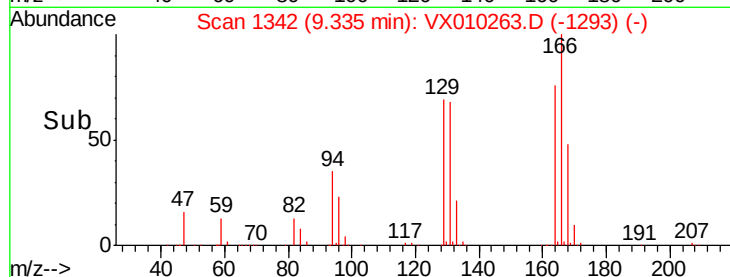
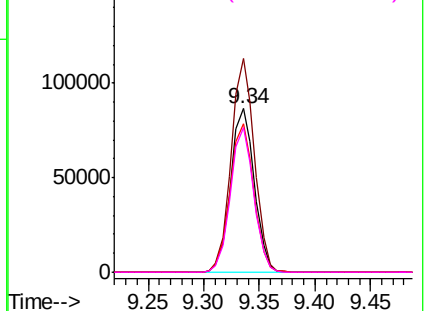
#64
Tetrachloroethene
Concen: 43.680 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010263.D
Acq: 12 Jun 2019 20:05

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
166	130.8	105.0	157.4
129	90.7	75.1	112.7
131	88.4	72.2	108.4

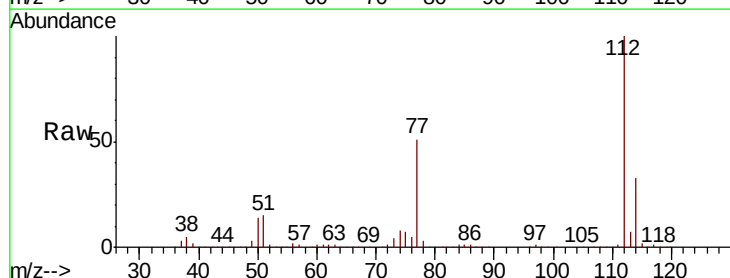


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

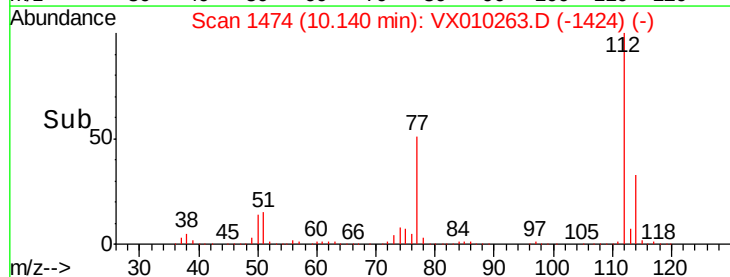
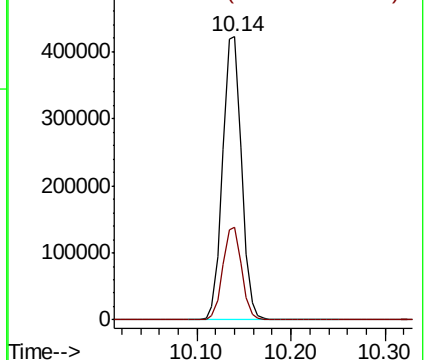


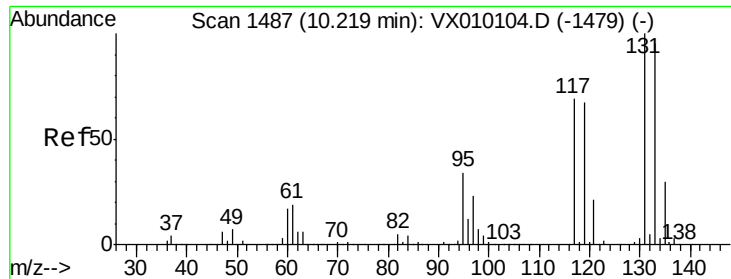
#65
Chlorobenzene
Concen: 72.415 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010263.D
Acq: 12 Jun 2019 20:05

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.8	25.8	38.8



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 46.441 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX010263.D

Acq: 12 Jun 2019 20:05

Instrument :

MSVOA_X

ClientSampleId :

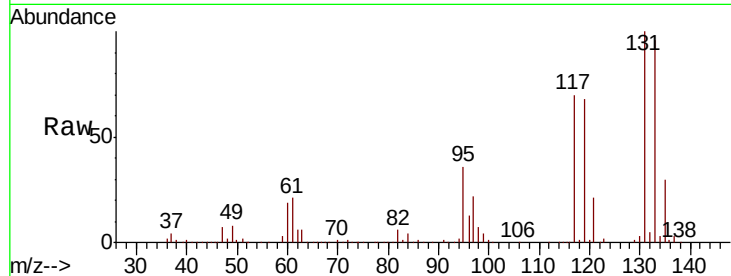
Tot Ion:131 Resp: 145023

Ion Ratio Lower Upper

131 100

133 95.5 47.5 142.6

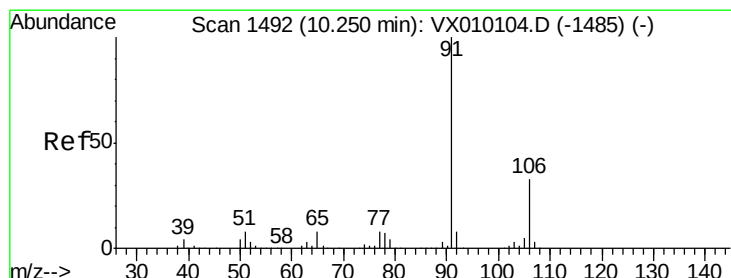
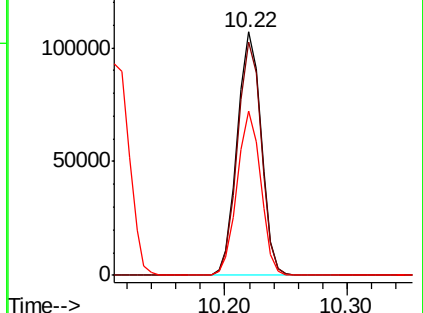
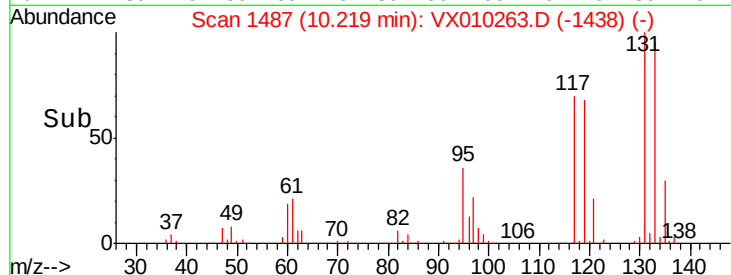
119 66.4 33.4 100.1



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 45.909 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010263.D

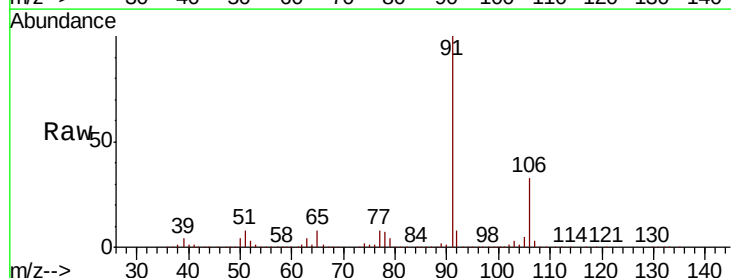
Acq: 12 Jun 2019 20:05

Tgt Ion: 91 Resp: 634628

Ion Ratio Lower Upper

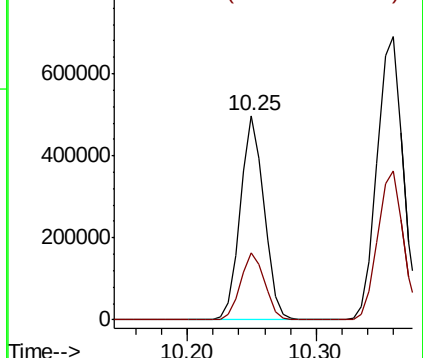
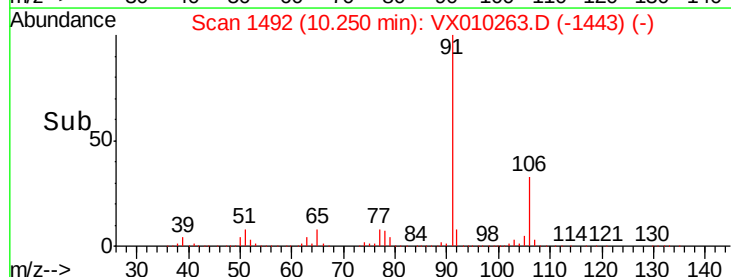
91 100

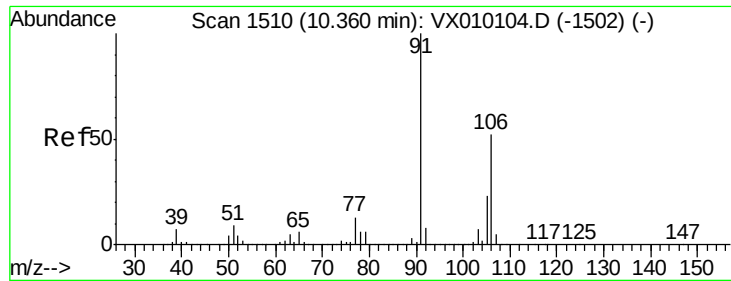
106 32.6 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

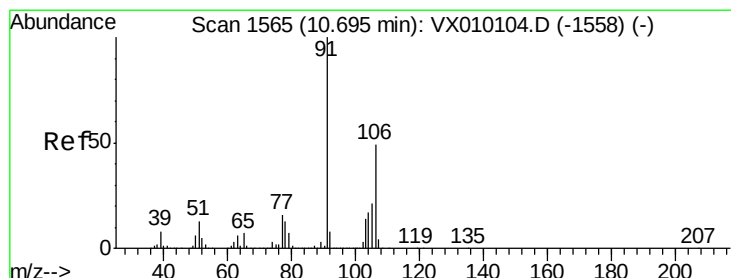
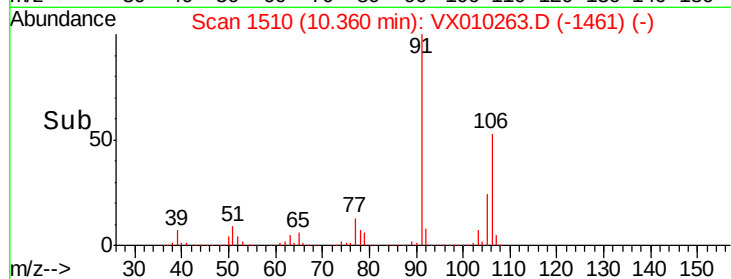
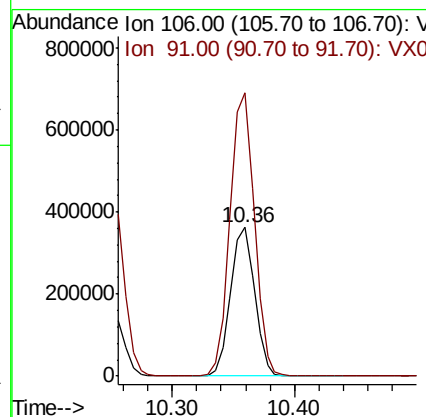
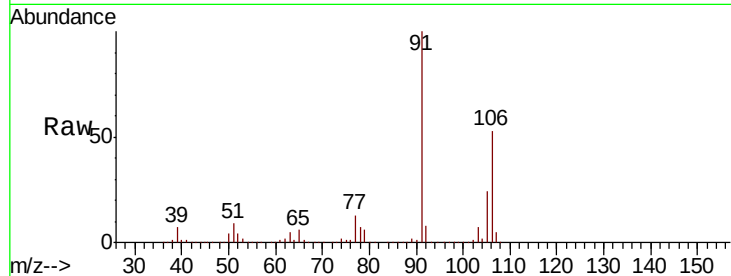




#68
m/p-Xylenes
Concen: 92.657 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010263.D
Acq: 12 Jun 2019 20:05

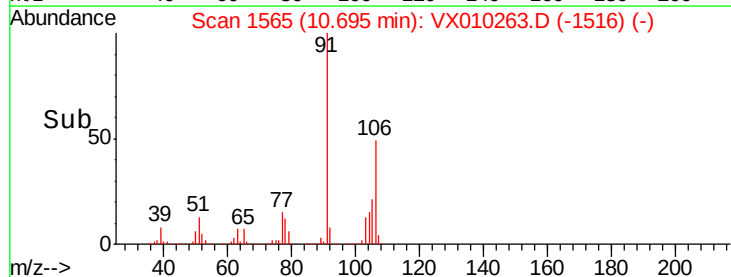
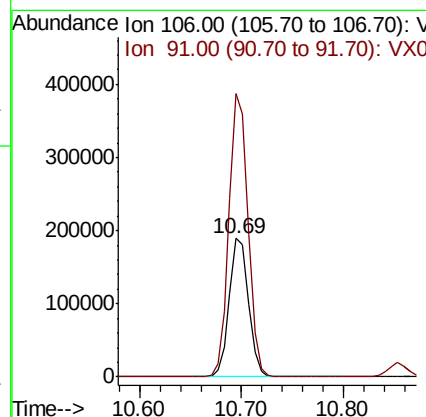
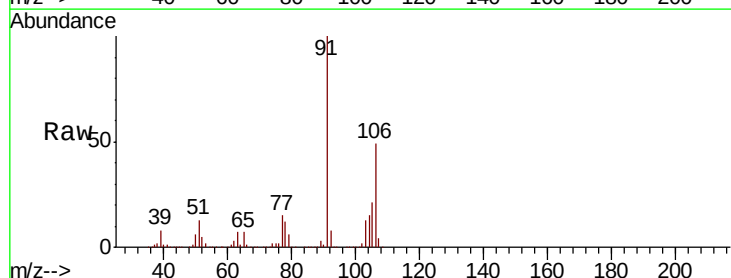
Instrument :
MSVOA_X
ClientSampleId :

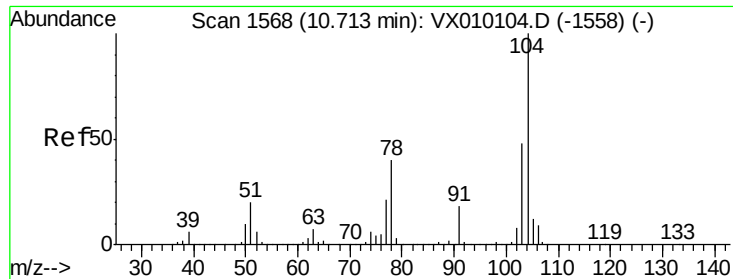
Tot Ion:106 Resp: 495654
Ion Ratio Lower Upper
106 100
91 192.3 167.3 250.9



#69
o-Xylene
Concen: 46.655 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010263.D
Acq: 12 Jun 2019 20:05

Tgt Ion:106 Resp: 248091
Ion Ratio Lower Upper
106 100
91 202.8 110.4 331.2





#70

Stvrene

Concen: 46.230 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX010263.D

Acq: 12 Jun 2019 20:05

Instrument :

MSVOA_X

ClientSampled :

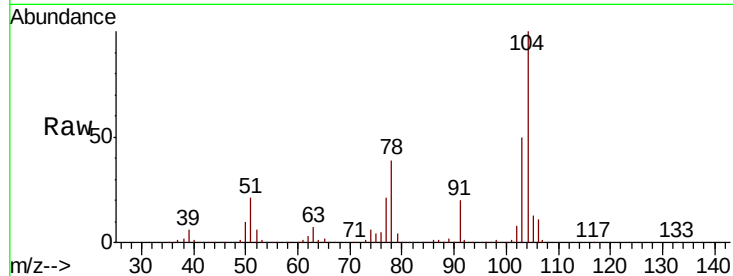
Tot Ion:104 Resp: 416346

Ion Ratio Lower Upper

104 100

78 44.7 42.1 63.1

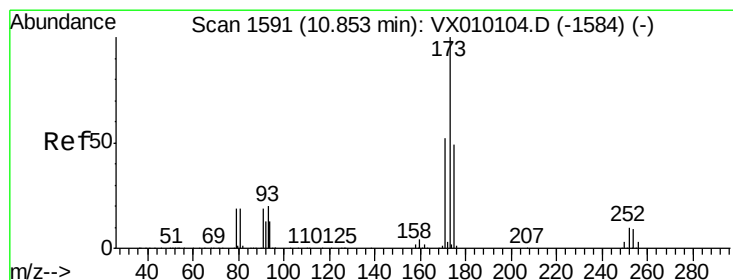
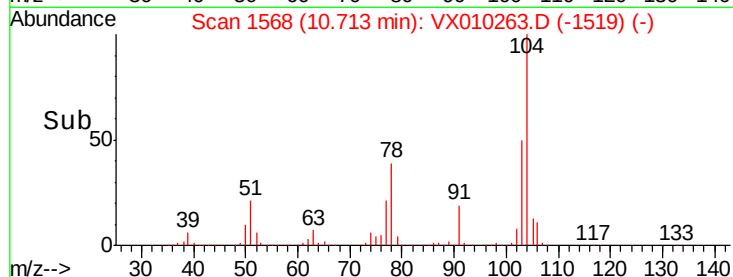
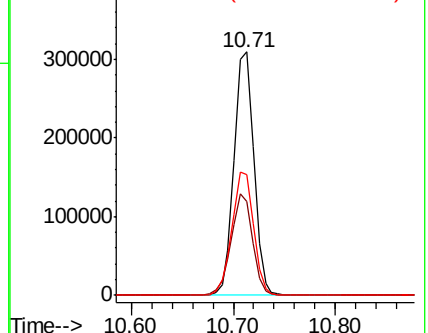
103 55.0 44.1 66.1



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: 46.382 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010263.D

Acq: 12 Jun 2019 20:05

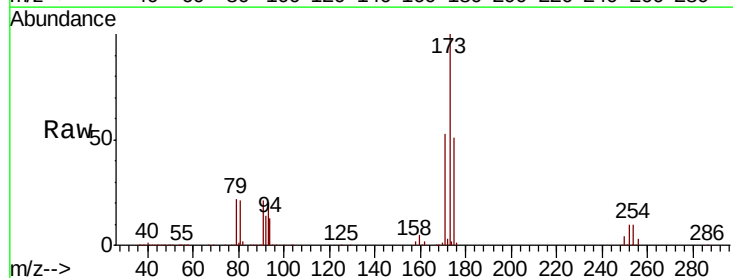
Tgt Ion:173 Resp: 133153

Ion Ratio Lower Upper

173 100

175 49.3 25.0 75.0

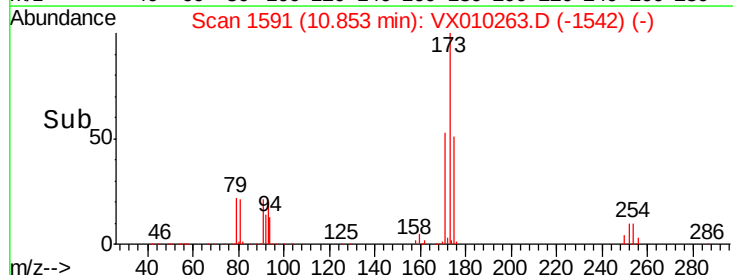
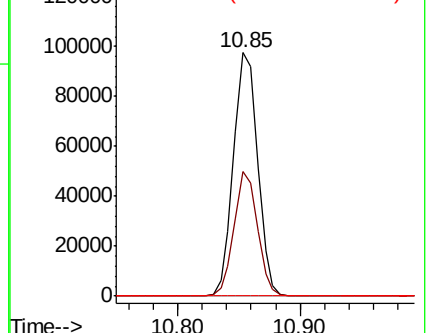
254 0.2 0.2 0.2

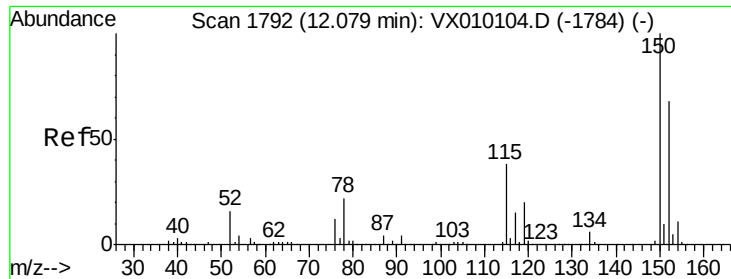


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



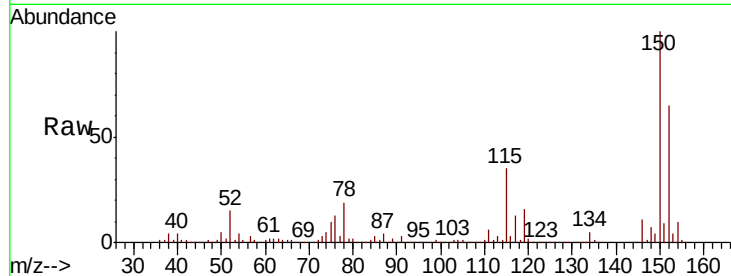


#72

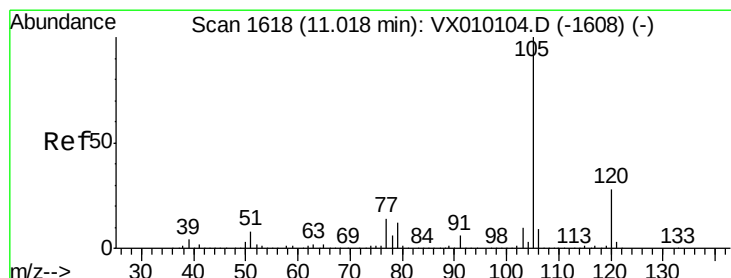
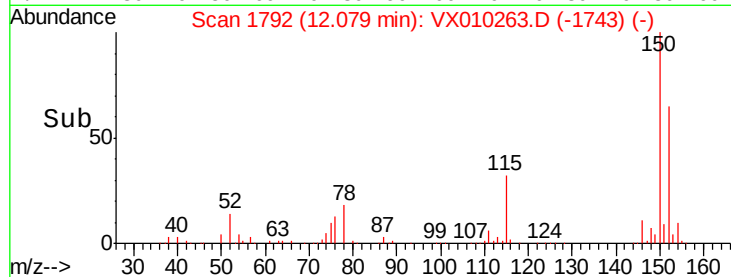
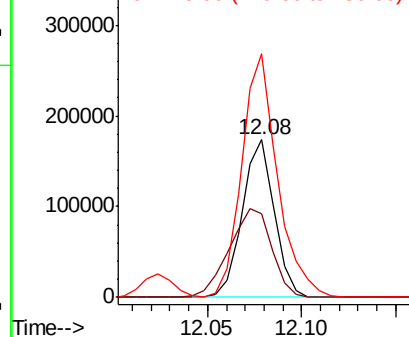
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010263.D
Acq: 12 Jun 2019 20:05

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	74.7	41.4	124.2
150	172.4	0.0	345.2



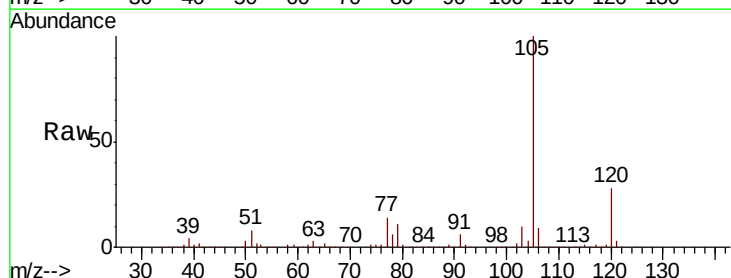
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



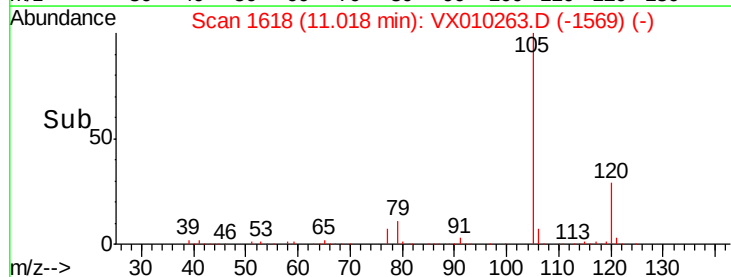
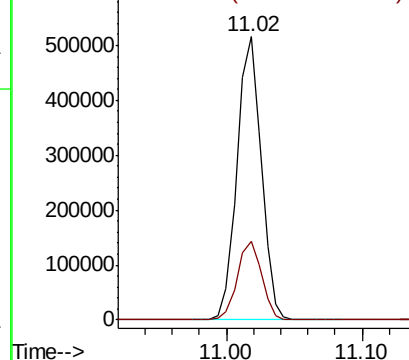
#73

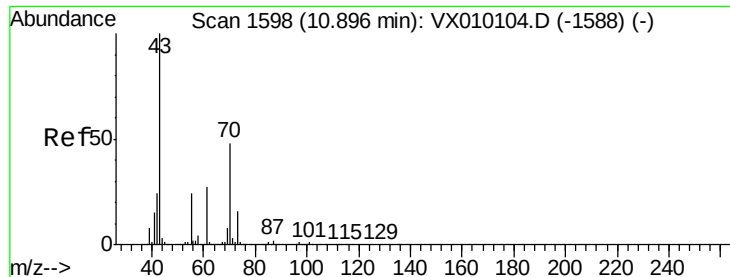
Isopropylbenzene
Concen: 44.890 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX010263.D
Acq: 12 Jun 2019 20:05

Tgt Ion	Ratio	Lower	Upper
105	100		
120	28.1	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-amvl acetate

Concen: 46.145 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010263.D

Acq: 12 Jun 2019 20:05

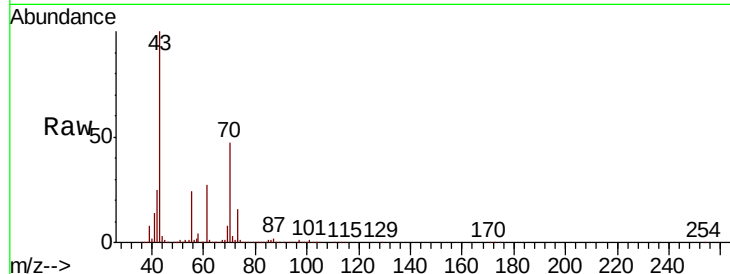
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 260474

Ion	Ratio	Lower	Upper
43	100		
70	45.7	28.6	43.0#
55	23.9	17.8	26.8
61	26.4	17.7	26.5

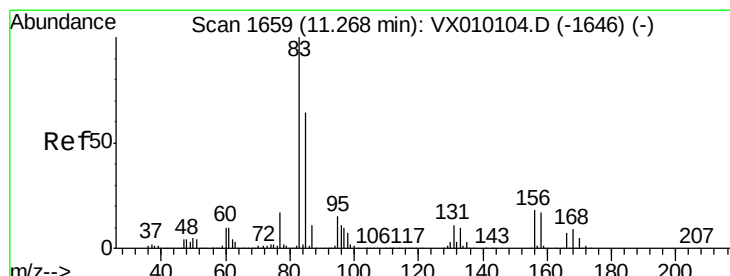
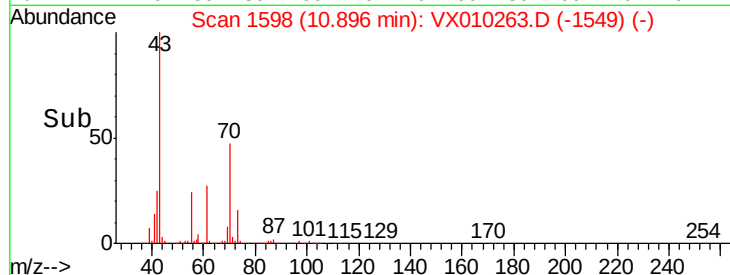
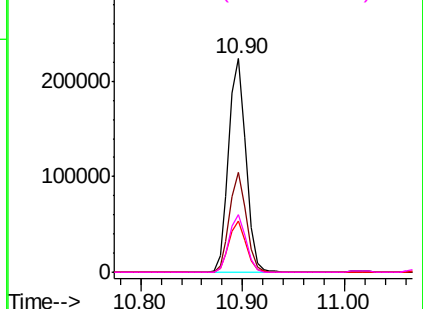


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 46.866 ug/l

RT: 11.27 min Scan# 1659

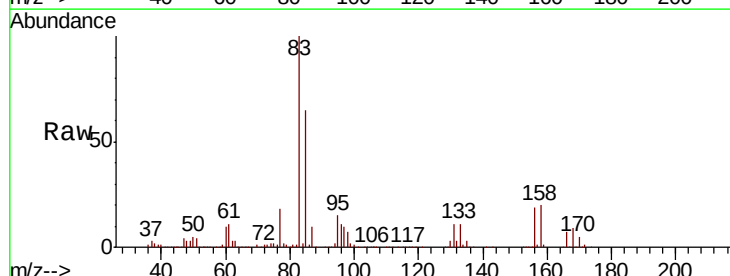
Delta R.T. -0.00 min

Lab File: VX010263.D

Acq: 12 Jun 2019 20:05

Tgt Ion: 83 Resp: 229081

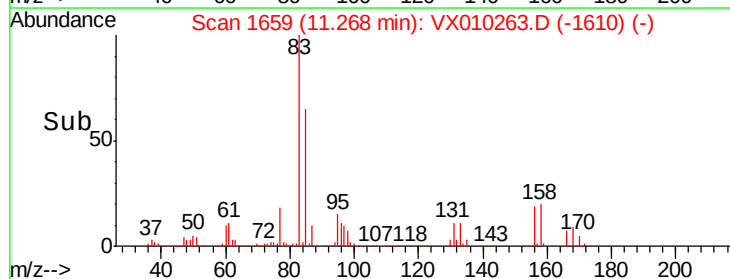
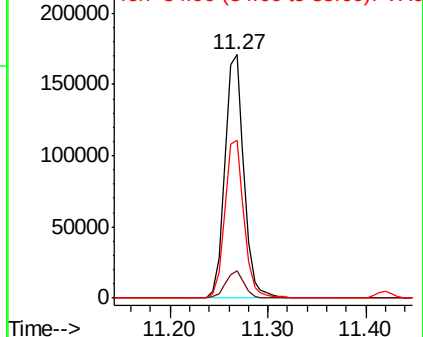
Ion	Ratio	Lower	Upper
83	100		
131	10.9	4.7	14.1
85	65.2	31.9	95.9

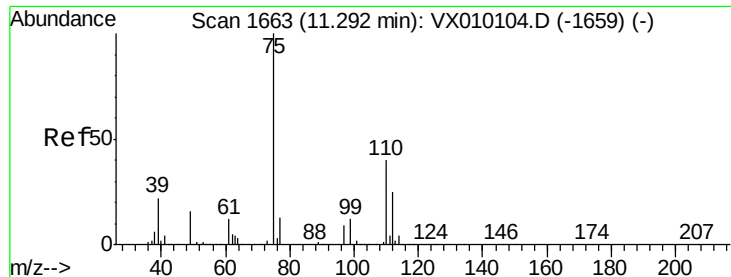


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

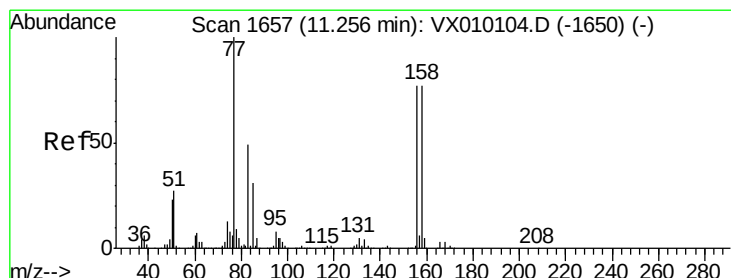
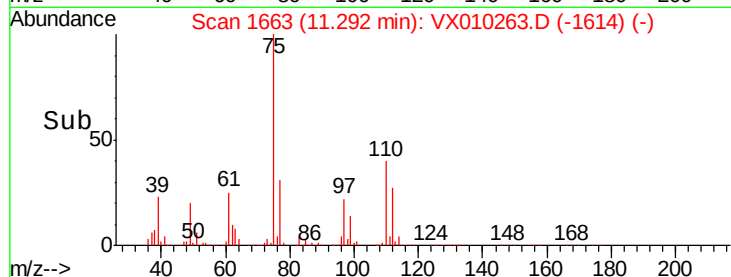
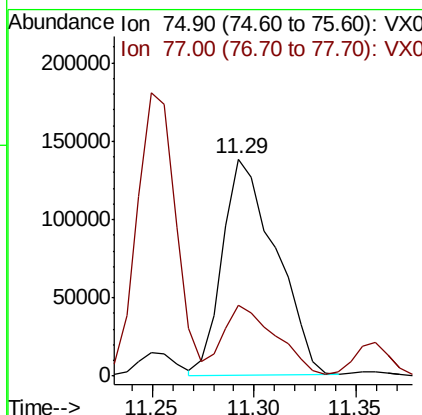
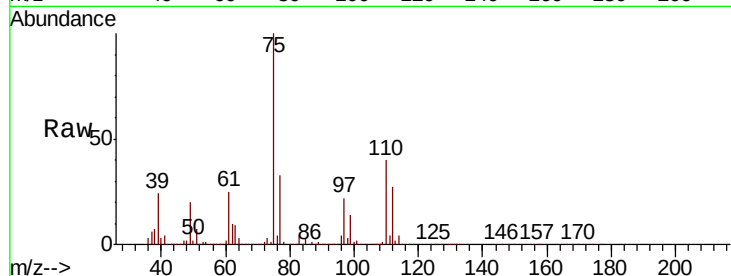




#76
 1,2,3-Trichloropropane
 Concen: 61.206 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX010263.D
 Acq: 12 Jun 2019 20:05

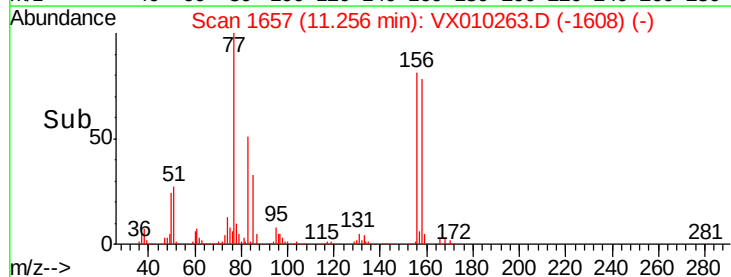
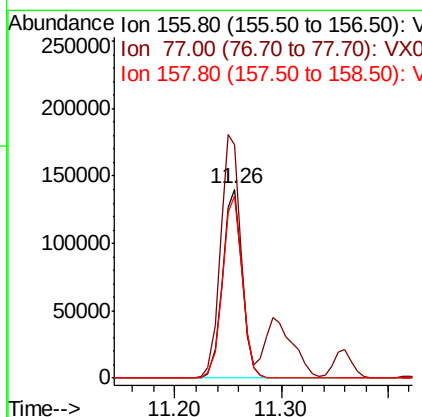
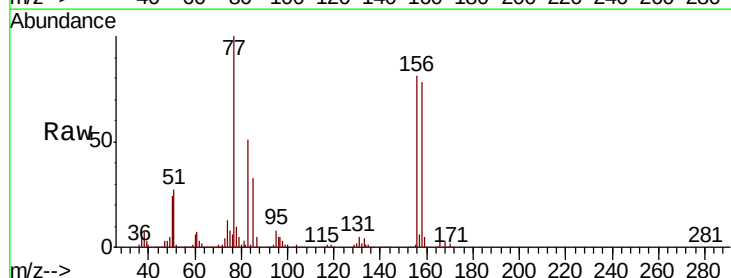
Instrument :
 MSVOA_X
 ClientSampleId :

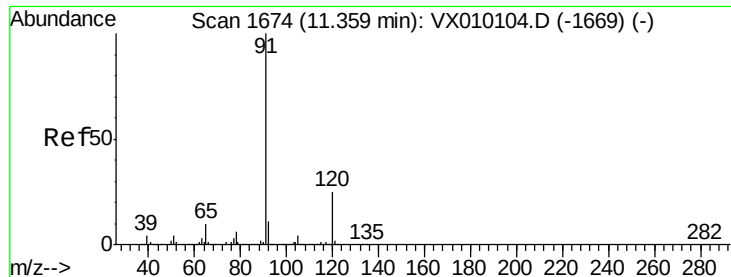
Tot Ion: 75 Resp: 250427
 Ion Ratio Lower Upper
 75 100
 77 32.5 22.1 66.1



#77
 Bromobenzene
 Concen: 45.795 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VX010263.D
 Acq: 12 Jun 2019 20:05

Tgt Ion: 156 Resp: 179828
 Ion Ratio Lower Upper
 156 100
 77 132.8 86.8 260.3
 158 97.6 49.6 148.8





#78

n-propylbenzene

Concen: 44.740 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010263.D

Acq: 12 Jun 2019 20:05

Instrument :

MSVOA_X

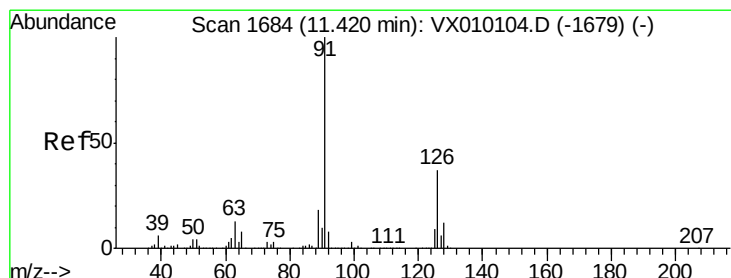
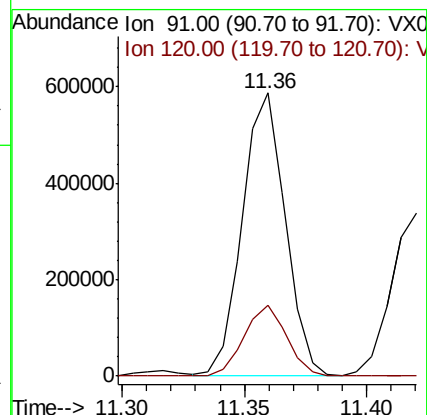
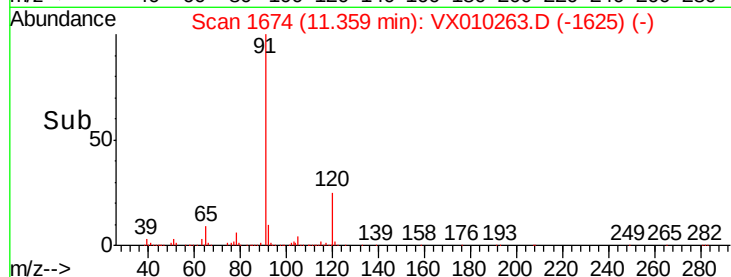
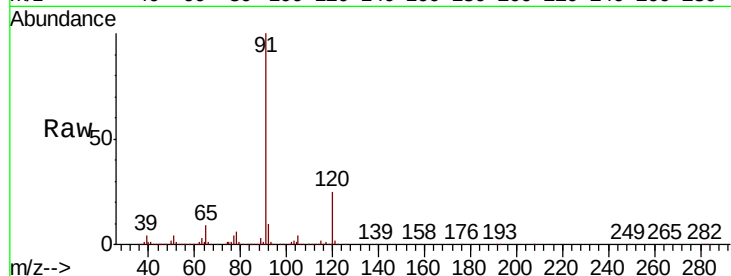
ClientSampleId :

Tot Ion: 91 Resp: 711233

Ion Ratio Lower Upper

91 100

120 25.0 11.1 33.3



#79

2-Chlorotoluene

Concen: 44.481 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010263.D

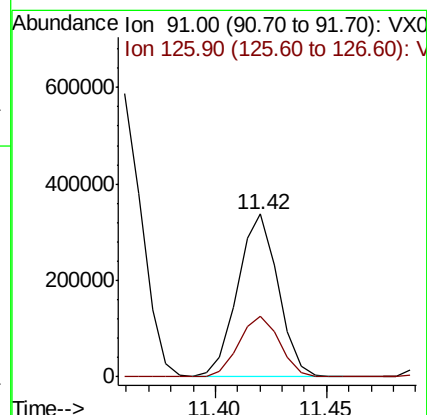
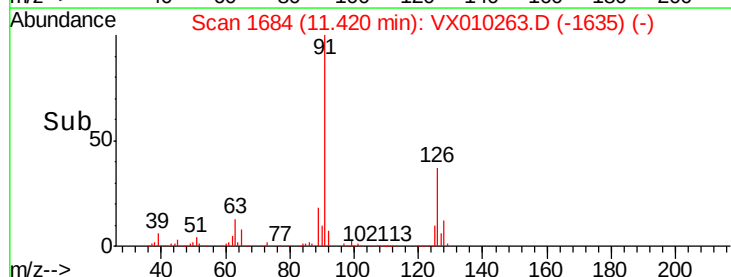
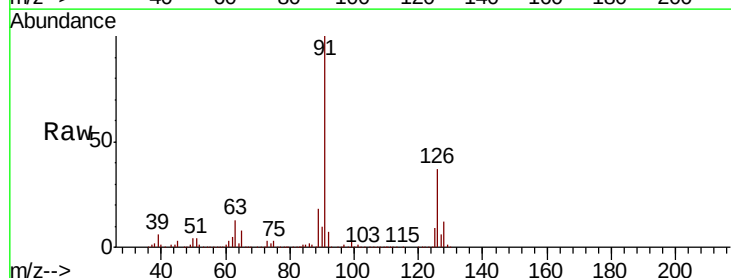
Acq: 12 Jun 2019 20:05

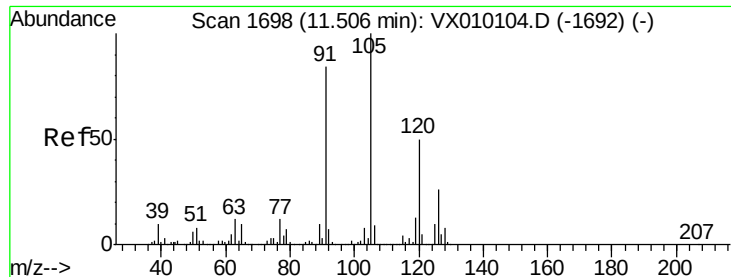
Tgt Ion: 91 Resp: 424694

Ion Ratio Lower Upper

91 100

126 38.0 16.1 48.3

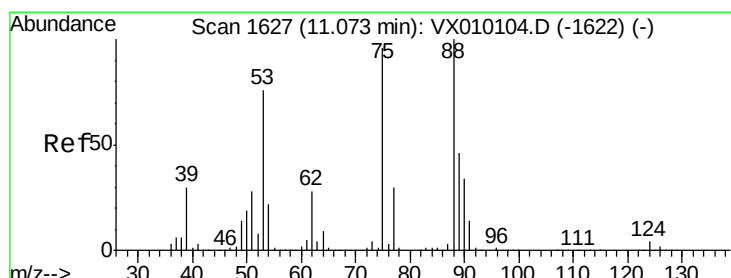
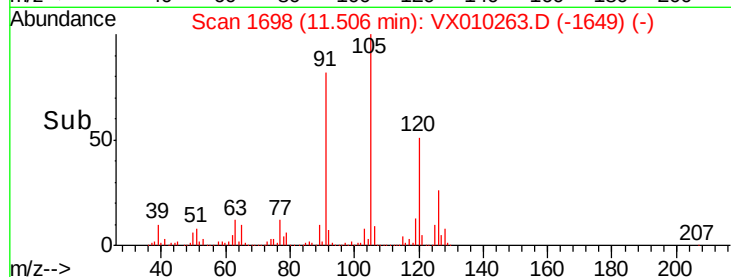
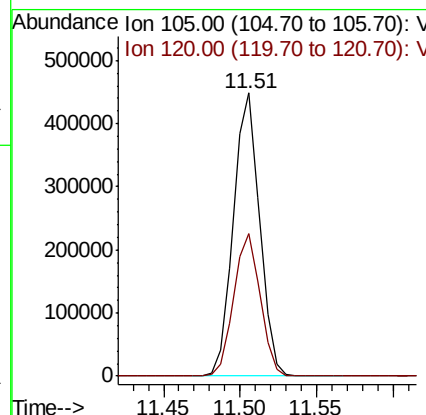
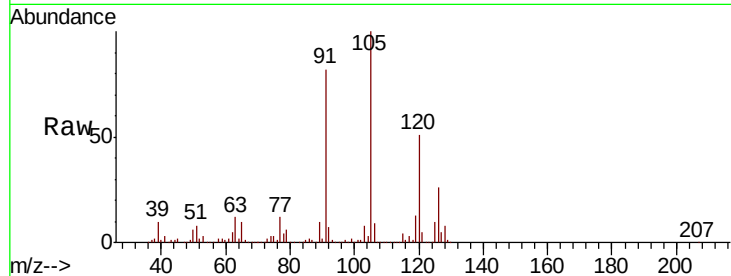




#80
 1,3,5-Trimethylbenzene
 Concen: 44.279 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX010263.D
 Acq: 12 Jun 2019 20:05

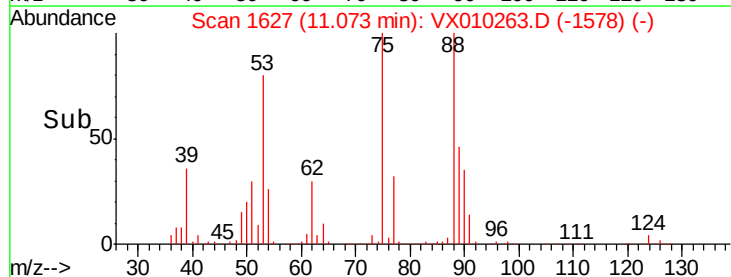
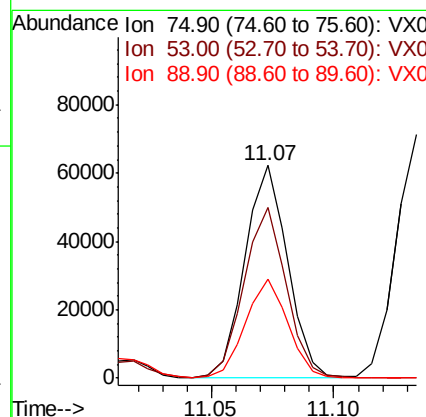
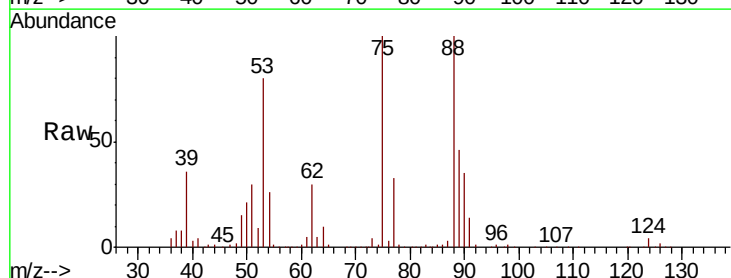
Instrument :
 MSVOA_X
 ClientSampled :

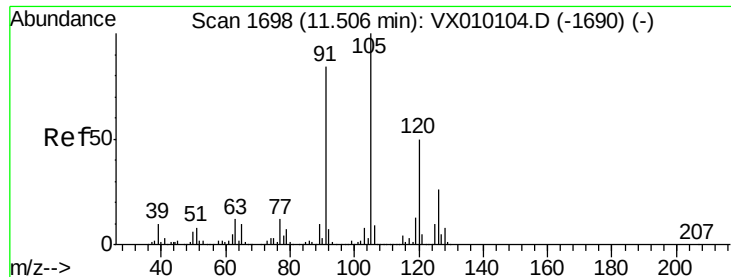
Tot Ion:105 Resp: 532546
 Ion Ratio Lower Upper
 105 100
 120 50.8 24.1 72.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 40.682 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX010263.D
 Acq: 12 Jun 2019 20:05

Tgt Ion: 75 Resp: 75337
 Ion Ratio Lower Upper
 75 100
 53 79.6 79.8 119.6#
 89 46.7 34.2 51.4

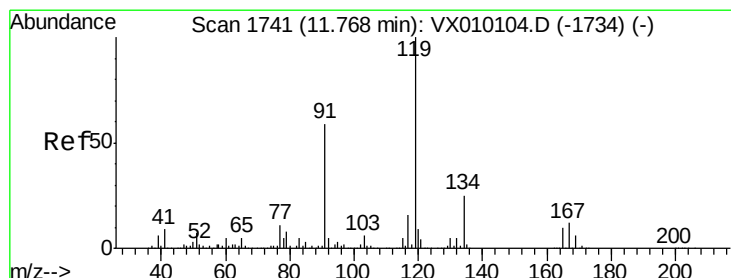
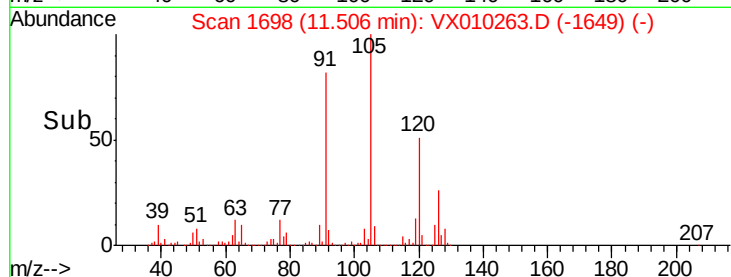
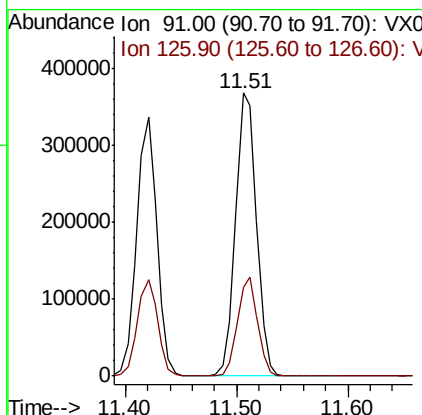
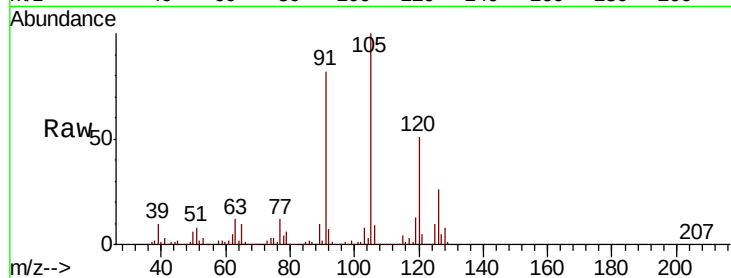




#82
4-Chlorotoluene
Concen: 44.137 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010263.D
Acq: 12 Jun 2019 20:05

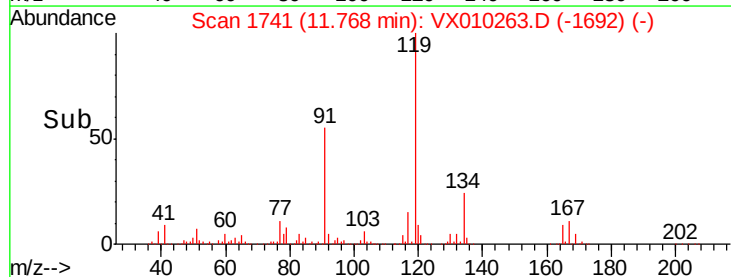
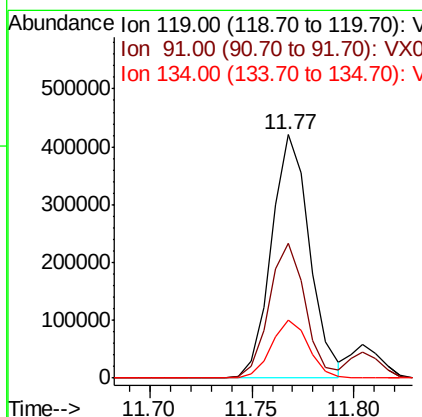
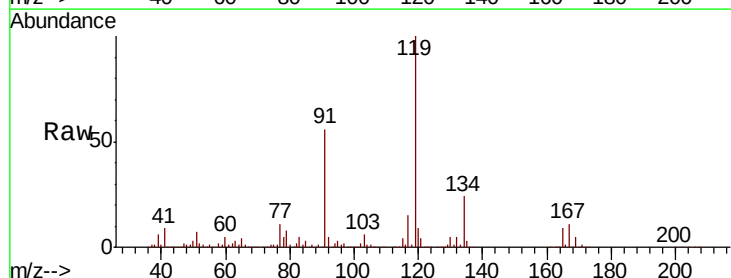
Instrument :
MSVOA_X
ClientSampled :

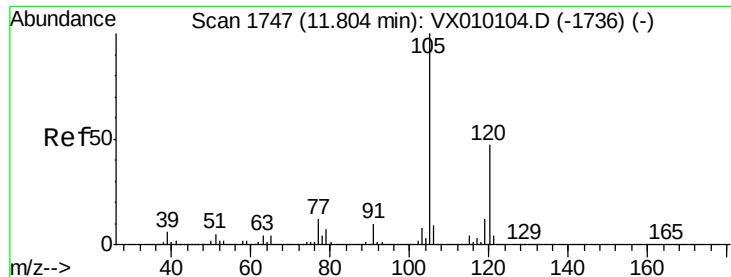
Tot Ion: 91 Resp: 478705
Ion Ratio Lower Upper
91 100
126 33.7 14.2 42.6



#83
tert-Butylbenzene
Concen: 45.132 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010263.D
Acq: 12 Jun 2019 20:05

Tgt Ion: 119 Resp: 549394
Ion Ratio Lower Upper
119 100
91 53.1 30.0 90.0
134 23.1 11.2 33.5





#84

1,2,4-Trimethylbenzene

Concen: 45.032 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX010263.D

Acq: 12 Jun 2019 20:05

Instrument :

MSVOA_X

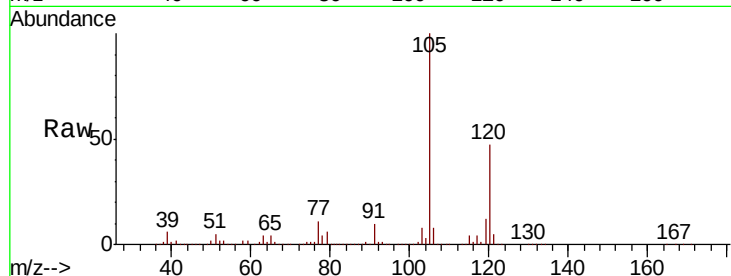
ClientSampleId :

Tot Ion:105 Resp: 547066

Ion Ratio Lower Upper

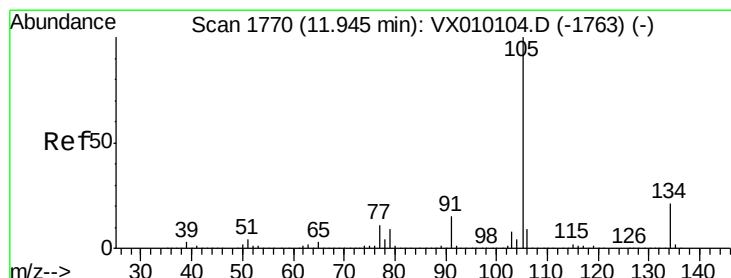
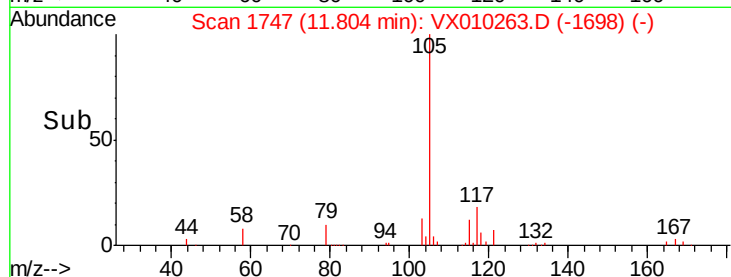
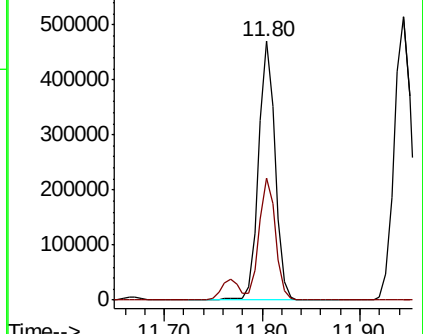
105 100

120 47.2 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 44.647 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010263.D

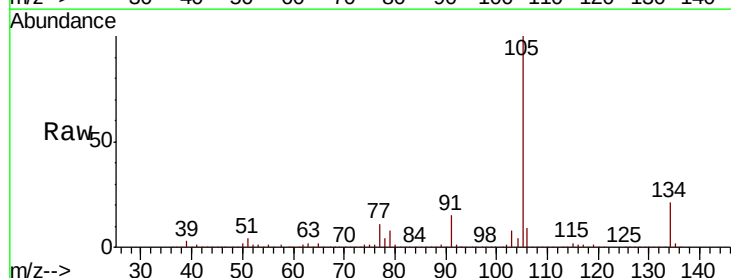
Acq: 12 Jun 2019 20:05

Tgt Ion:105 Resp: 633187

Ion Ratio Lower Upper

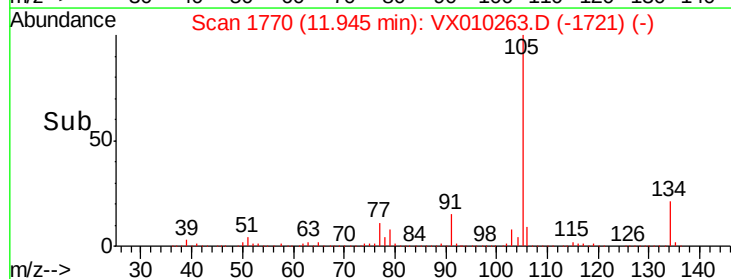
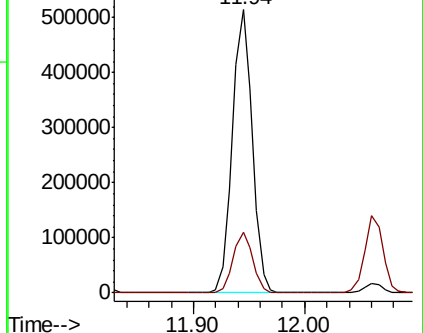
105 100

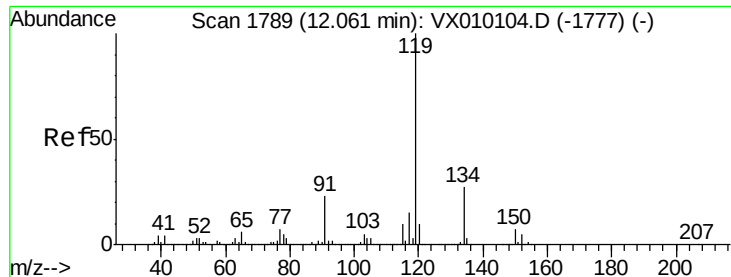
134 21.3 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

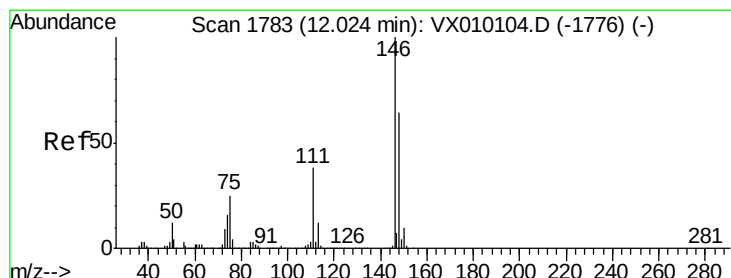
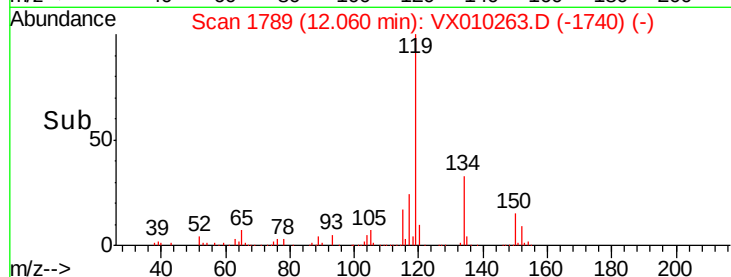
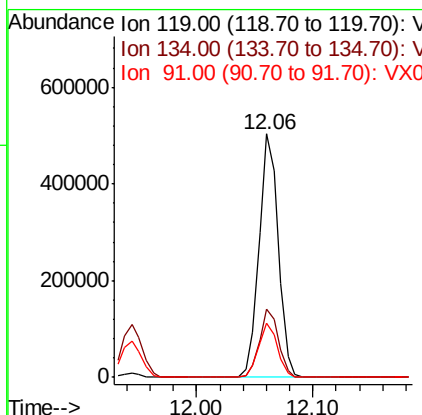
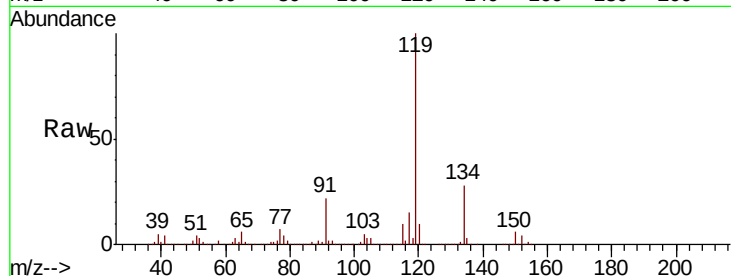




#86
 p-Isopropyltoluene
 Concen: 44.960 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX010263.D
 Acq: 12 Jun 2019 20:05

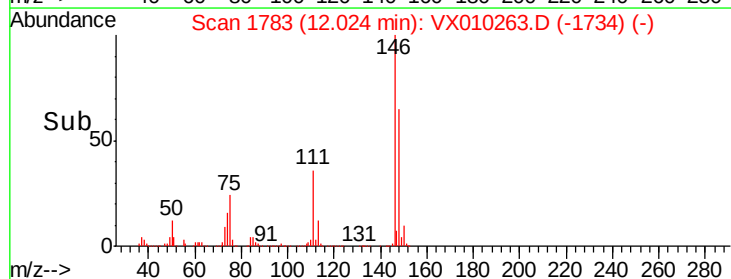
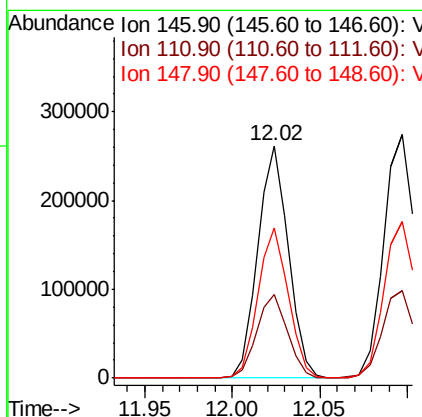
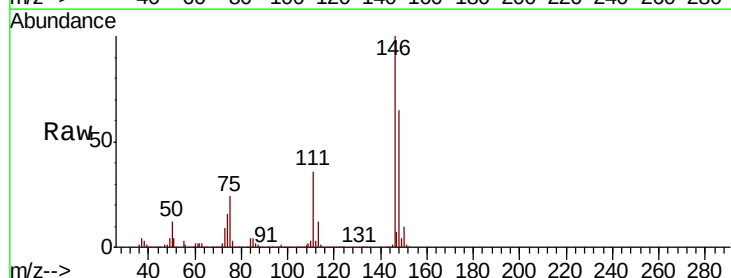
Instrument :
 MSVOA_X
 ClientSampleId :

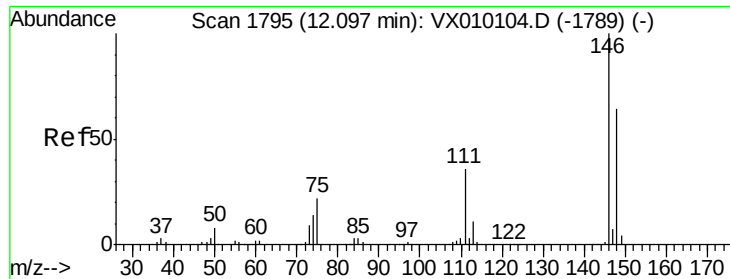
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.7	12.9	38.6
91	22.1	11.9	35.9



#87
 1,3-Dichlorobenzene
 Concen: 45.941 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010263.D
 Acq: 12 Jun 2019 20:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	20.1	60.2
148	64.0	31.9	95.5

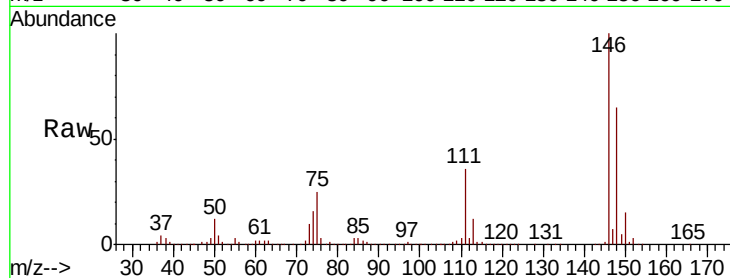




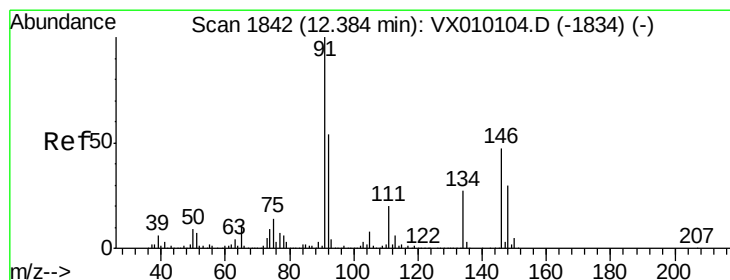
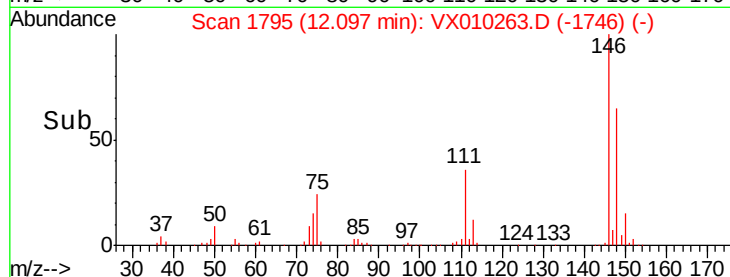
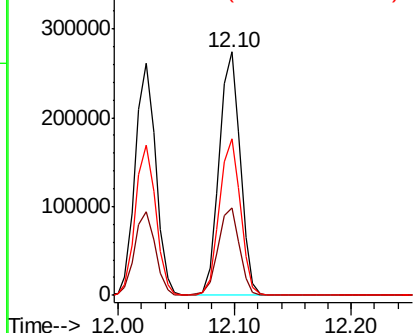
#88
 1,4-Dichlorobenzene
 Concen: 48.675 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010263.D
 Acq: 12 Jun 2019 20:05

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 339387
 Ion Ratio Lower Upper
 146 100
 111 36.7 20.0 59.9
 148 64.4 32.3 96.9

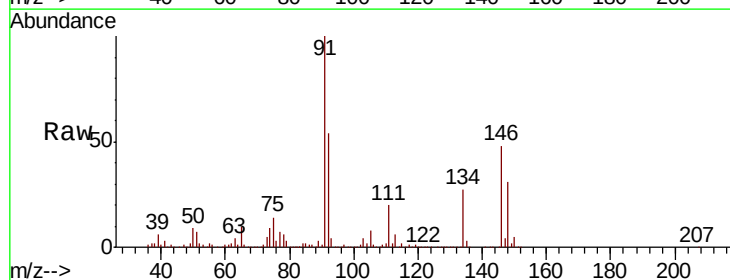


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

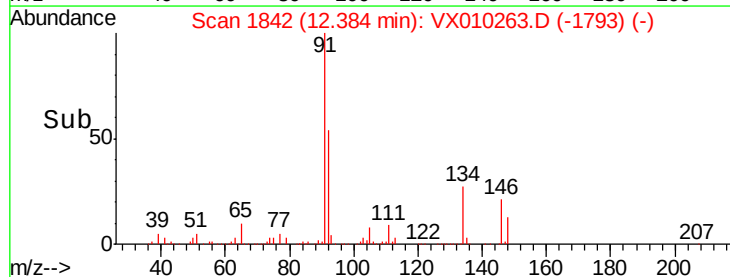
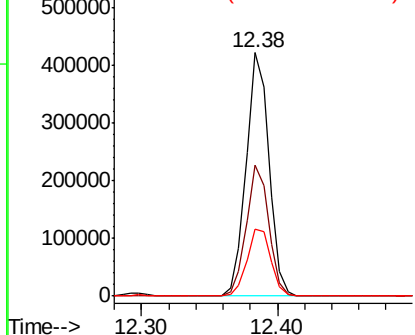


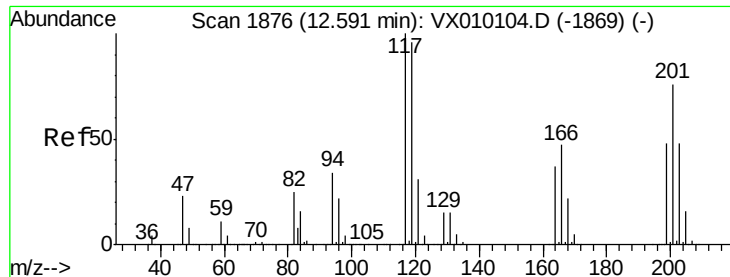
#89
 n-Butylbenzene
 Concen: 44.405 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX010263.D
 Acq: 12 Jun 2019 20:05

Tgt Ion: 91 Resp: 495567
 Ion Ratio Lower Upper
 91 100
 92 53.2 26.3 78.8
 134 28.6 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 92.00 (91.70 to 92.70): VX0
 Ion 134.00 (133.70 to 134.70): V

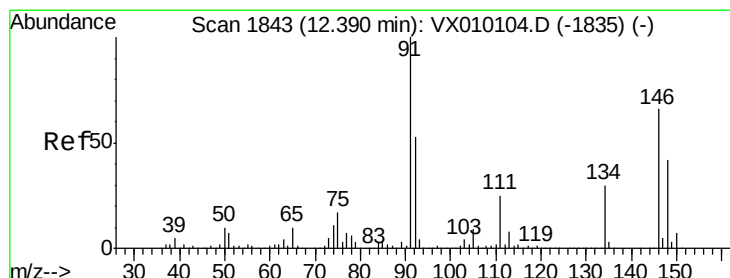
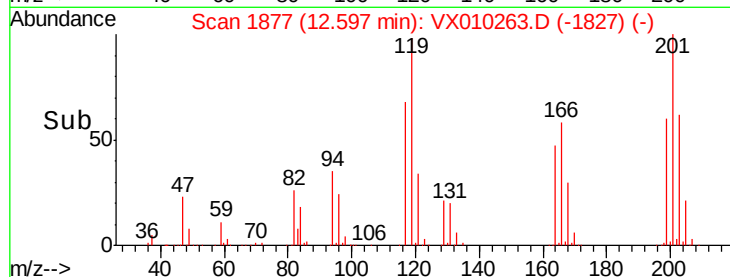
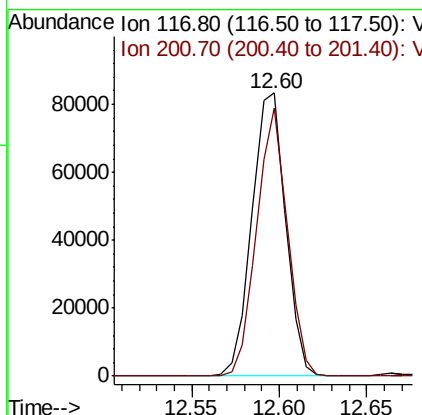
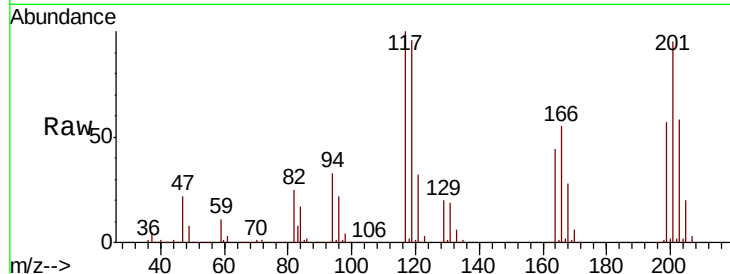




#90
 Hexachloroethane
 Concen: 43.293 ug/l
 RT: 12.60 min Scan# 1877
 Delta R.T. 0.01 min
 Lab File: VX010263.D
 Acq: 12 Jun 2019 20:05

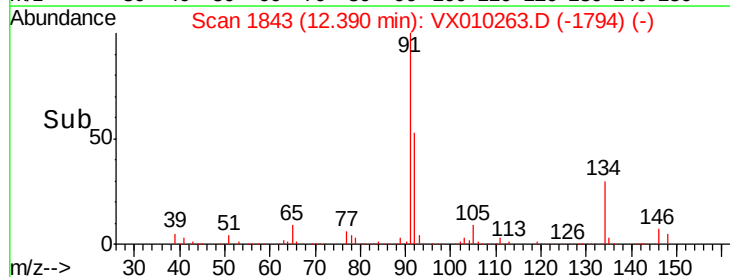
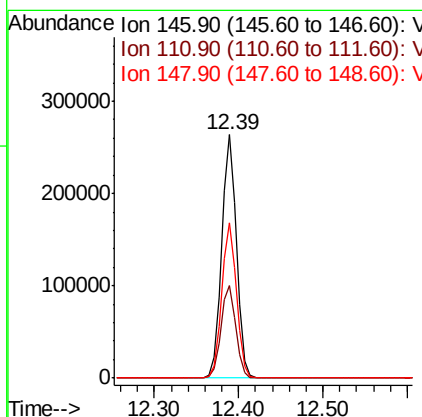
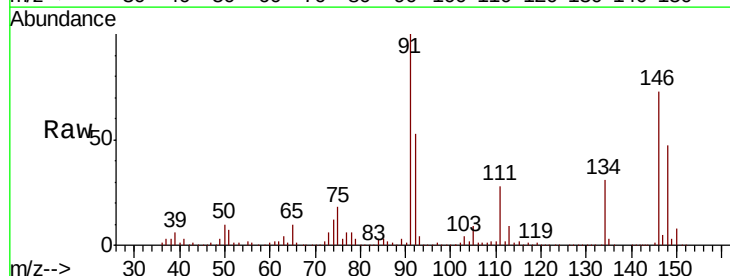
Instrument :
 MSVOA_X
 ClientSampled :

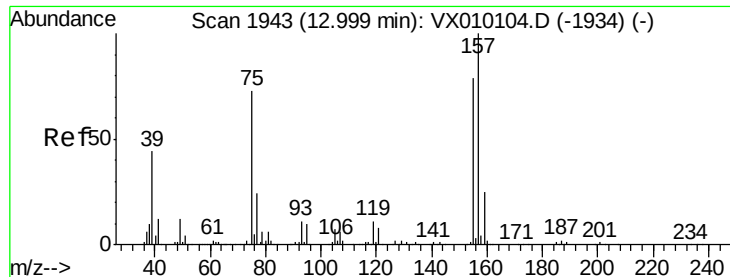
Tot Ion:117 Resp: 111812
 Ion Ratio Lower Upper
 117 100
 201 86.3 43.6 130.9



#91
 1,2-Dichlorobenzene
 Concen: 47.651 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010263.D
 Acq: 12 Jun 2019 20:05

Tgt Ion:146 Resp: 320417
 Ion Ratio Lower Upper
 146 100
 111 38.2 21.1 63.1
 148 63.7 32.3 96.8





#92

1,2-Dibromo-3-Chloropropane

Concen: 42.041 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX010263.D

Acq: 12 Jun 2019 20:05

Instrument :

MSVOA_X

ClientSampleId :

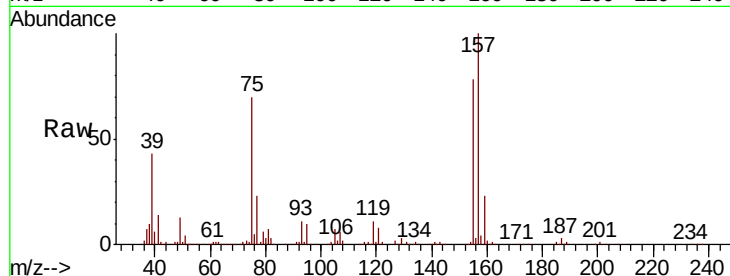
Tot Ion: 75 Resp: 48357

Ion Ratio Lower Upper

75 100

155 108.3 39.3 117.8

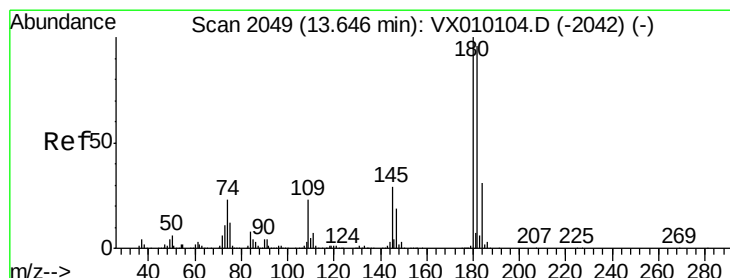
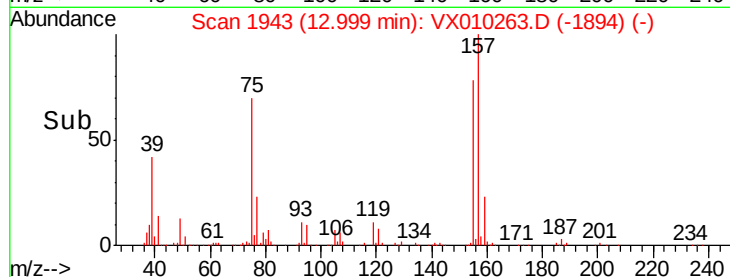
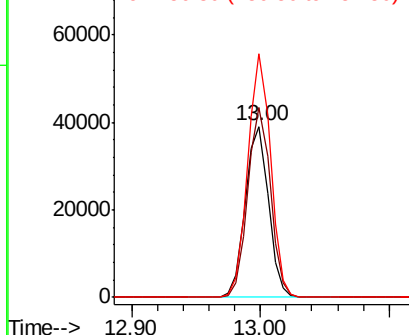
157 138.9 50.6 151.8



Abundance Ion 74.90 (74.60 to 75.60): VX010104.D (-1934) (-)

Ion 154.80 (154.50 to 155.50): VX010104.D (-1934) (-)

Ion 156.80 (156.50 to 157.50): VX010104.D (-1934) (-)



#93

1,2,4-Trichlorobenzene

Concen: 44.517 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX010263.D

Acq: 12 Jun 2019 20:05

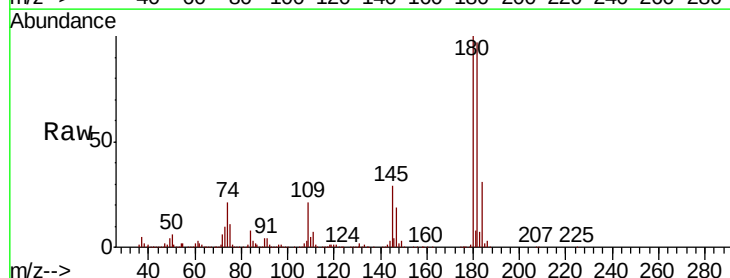
Tgt Ion: 180 Resp: 219118

Ion Ratio Lower Upper

180 100

182 96.2 47.4 142.2

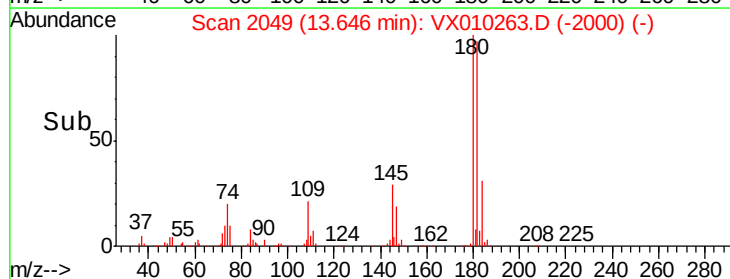
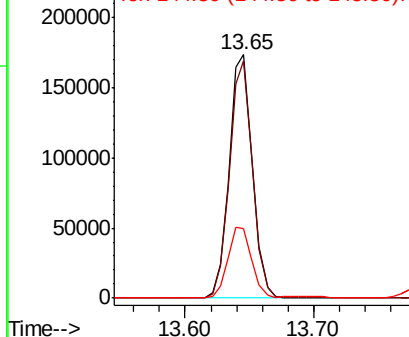
145 29.9 14.5 43.5

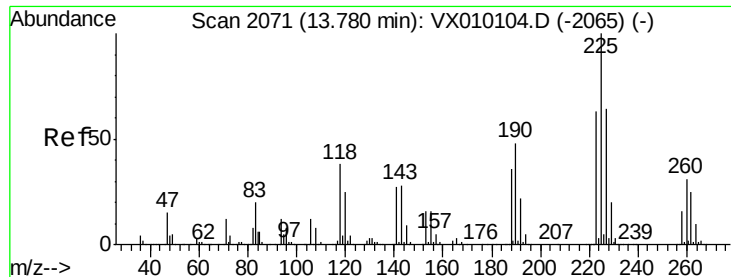


Abundance Ion 179.80 (179.50 to 180.50): VX010104.D (-2042) (-)

Ion 181.80 (181.50 to 182.50): VX010104.D (-2042) (-)

Ion 144.80 (144.50 to 145.50): VX010104.D (-2042) (-)





#94

Hexachlorobutadiene

Concen: 45.898 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX010263.D

Acq: 12 Jun 2019 20:05

Instrument :

MSVOA_X

ClientSampled :

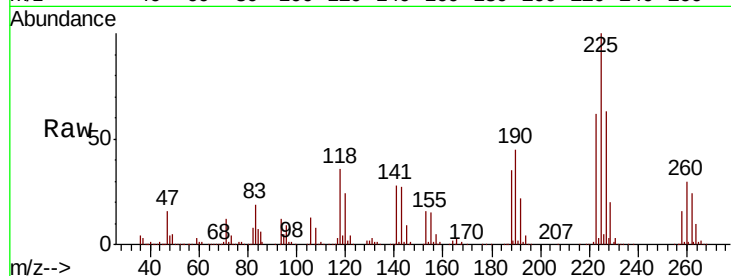
Tot Ion:225 Resp: 100472

Ion Ratio Lower Upper

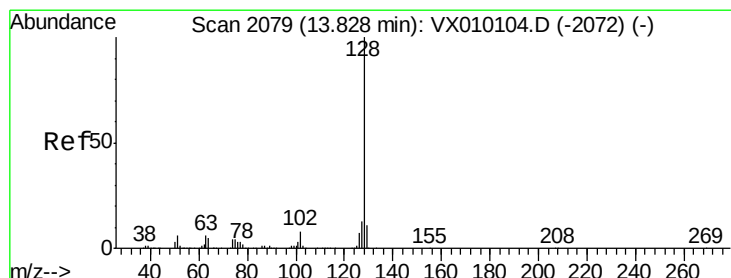
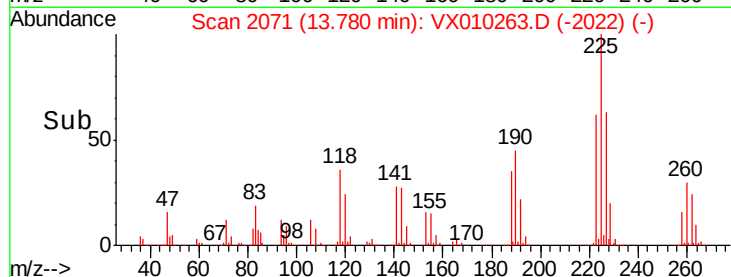
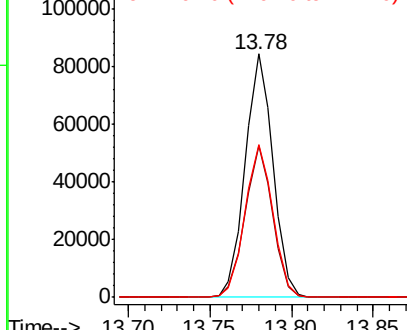
225 100

223 61.7 31.3 93.8

227 63.0 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: 47.311 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010263.D

Acq: 12 Jun 2019 20:05

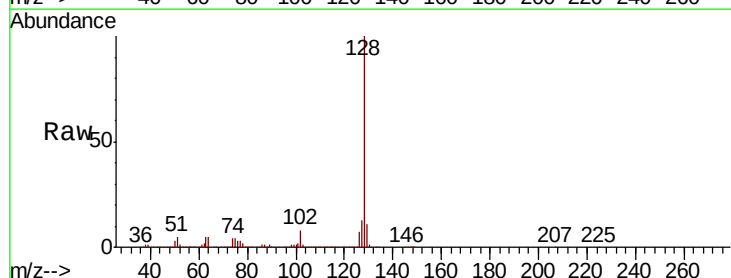
Tgt Ion:128 Resp: 733049

Ion Ratio Lower Upper

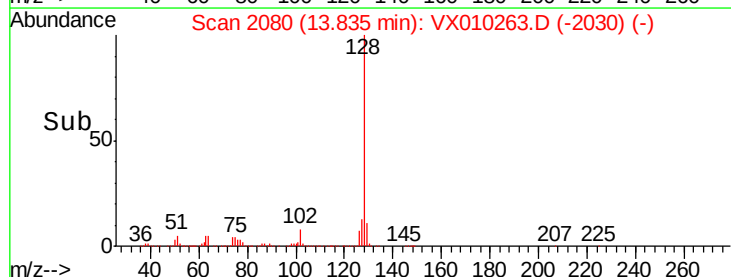
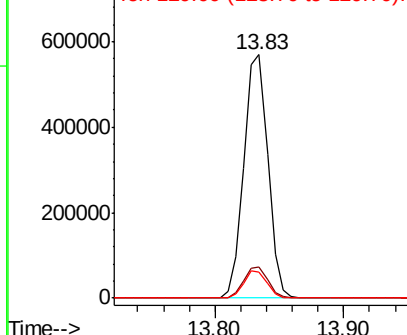
128 100

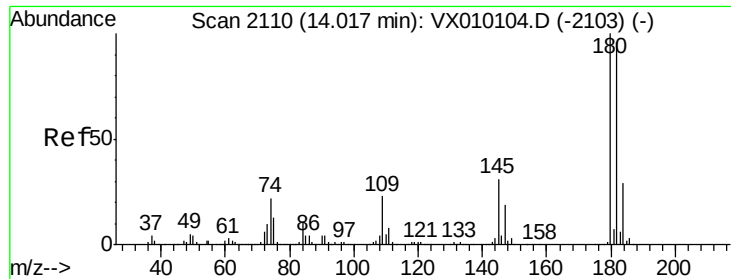
127 12.8 10.6 16.0

129 11.1 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





#96
 1,2,3-Trichlorobenzene
 Concen: 45.562 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX010263.D
 Acq: 12 Jun 2019 20:05

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.2	47.3	142.0
145	32.4	15.6	46.7

