

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060319\
 Data File : VX010049.D
 Acq On : 03 Jun 2019 20:18
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 04 03:43:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	168196	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	265139	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	244467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	123268	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	107992	45.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.90%	
35) Dibromofluoromethane	5.49	113	79445	47.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.32%	
50) Toluene-d8	8.71	98	326030	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
62) 4-Bromofluorobenzene	11.13	95	121744	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	105078	51.125	ug/l	100
3) Chloromethane	1.32	50	125328	45.358	ug/l	100
4) Vinyl Chloride	1.41	62	119543	47.993	ug/l	98
5) Bromomethane	1.64	94	58628	38.848	ug/l	98
6) Chloroethane	1.71	64	65654	42.818	ug/l	99
7) Trichlorofluoromethane	1.92	101	126931	46.115	ug/l	98
8) Diethyl Ether	2.19	74	56118	43.386	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	78118	47.008	ug/l	99
10) Methyl Iodide	2.51	142	100991	49.163	ug/l	100
11) Tert butyl alcohol	3.05	59	129472	221.429	ug/l	100
12) 1,1-Dichloroethene	2.37	96	79738	46.812	ug/l	97
13) Acrolein	2.29	56	87259	213.866	ug/l	99
14) Allyl chloride	2.73	41	188758	45.593	ug/l	99
15) Acrylonitrile	3.14	53	316355	224.549	ug/l	99
16) Acetone	2.45	43	291559	212.391	ug/l	98
17) Carbon Disulfide	2.57	76	219455	42.605	ug/l	100
18) Methyl Acetate	2.78	43	152801	47.837	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	305932	47.572	ug/l	100
20) Methylene Chloride	2.85	84	95245	45.308	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	84673	44.675	ug/l	97
22) Diisopropyl ether	3.85	45	368579	46.790	ug/l	95
23) Vinyl Acetate	3.82	43	1630040	230.345	ug/l	99
24) 1,1-Dichloroethane	3.70	63	178040	46.639	ug/l	99
25) 2-Butanone	4.67	43	476028	222.576	ug/l	99
26) 2,2-Dichloropropane	4.58	77	124486	43.108	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	99810	45.621	ug/l	97
28) Bromochloromethane	5.01	49	88396	44.622	ug/l	96
29) Tetrahydrofuran	5.13	42	308452	224.905	ug/l	99
30) Chloroform	5.21	83	163681	47.543	ug/l	97
31) Cyclohexane	5.58	56	171419	47.411	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	136676	48.746	ug/l	99
36) 1,1-Dichloropropene	5.80	75	123823	46.028	ug/l	99
37) Ethyl Acetate	4.84	43	178362	47.584	ug/l	100
38) Carbon Tetrachloride	5.79	117	113307	48.742	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	153181	48.004	ug/l	98
40) Benzene	6.14	78	383981	48.117	ug/l	100
41) Methacrylonitrile	5.04	41	101464	46.324	ug/l	99
42) 1,2-Dichloroethane	6.19	62	138829	47.057	ug/l	99
43) Isopropyl Acetate	6.45	43	287241	47.492	ug/l	99
44) Trichloroethene	7.21	130	92085	47.505	ug/l	99
45) 1,2-Dichloropropane	7.51	63	109805	47.799	ug/l	98
46) Dibromomethane	7.66	93	62326	46.092	ug/l	97
47) Bromodichloromethane	7.90	83	125538	48.821	ug/l	99
48) Methyl methacrylate	7.77	41	144977	48.422	ug/l	99
49) 1,4-Dioxane	7.74	88	46692	838.393	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	945840	240.402	ug/l	99
52) Toluene	8.78	92	235778	48.661	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	148743	48.233	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	163714	48.724	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	95351	48.894	ug/l	99
56) Ethyl methacrylate	9.18	69	177225	51.046	ug/l	99
57) 1,3-Dichloropropane	9.37	76	168465	48.102	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	443438	243.571	ug/l	99
59) 2-Hexanone	9.49	43	727707	240.237	ug/l	99
60) Dibromochloromethane	9.58	129	96128	50.109	ug/l	99
61) 1,2-Dibromoethane	9.67	107	98436	49.132	ug/l	100
64) Tetrachloroethene	9.34	164	82528	48.330	ug/l	97
65) Chlorobenzene	10.14	112	247358	48.332	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	89348	50.334	ug/l	100
67) Ethyl Benzene	10.25	91	458916	49.940	ug/l	100
68) m/p-Xylenes	10.36	106	336501	99.120	ug/l	98
69) o-Xylene	10.69	106	164520	50.531	ug/l	99
70) Styrene	10.71	104	290829	50.941	ug/l	99
71) Bromoform	10.85	173	73235	50.472	ug/l #	100
73) Isopropylbenzene	11.02	105	438588	48.223	ug/l	100
74) N-amyl acetate	10.90	43	266262	48.993	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	160173	47.206	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	191036	64.808	ug/l	81
77) Bromobenzene	11.26	156	111405	48.065	ug/l	96
78) n-propylbenzene	11.36	91	509699	48.619	ug/l	100
79) 2-Chlorotoluene	11.42	91	301863	47.129	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	370534	48.359	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	54197	45.490	ug/l	99
82) 4-Chlorotoluene	11.51	91	350614	47.023	ug/l	99
83) tert-Butylbenzene	11.77	119	360855	49.227	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	373228	47.965	ug/l	99
85) sec-Butylbenzene	11.94	105	424754	48.705	ug/l	99
86) p-Isopropyltoluene	12.06	119	390629	49.799	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	196701	47.668	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	197609	46.956	ug/l	99
89) n-Butylbenzene	12.38	91	360187	48.860	ug/l	99
90) Hexachloroethane	12.60	117	64651	48.026	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	195800	48.127	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36202	45.327	ug/l	93

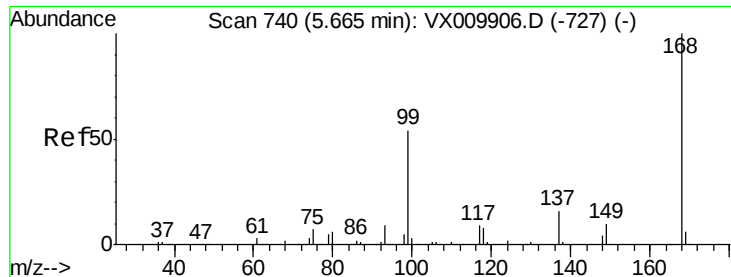
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	140317	48.263	ug/l	99
94) Hexachlorobutadiene	13.78	225	69673	47.778	ug/l	100
95) Naphthalene	13.83	128	449194	49.648	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	140123	48.148	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010049.D

Acq: 03 Jun 2019 20:18

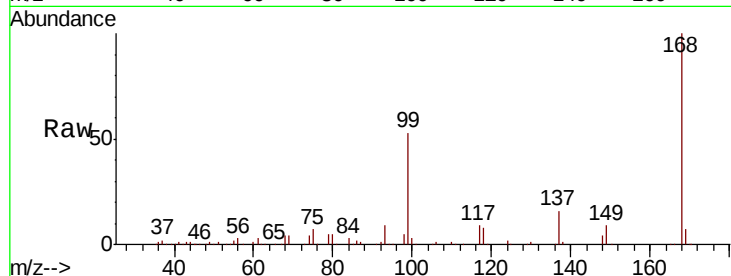
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 168196

Ion Ratio Lower Upper

168 100

99 53.1 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

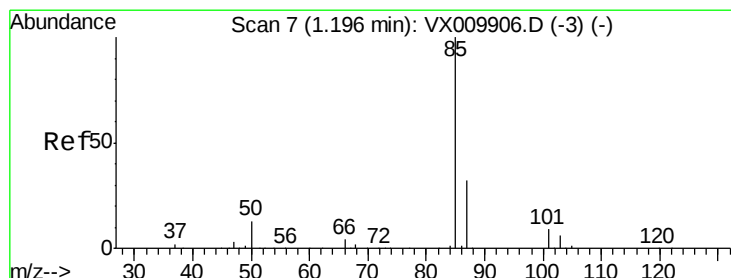
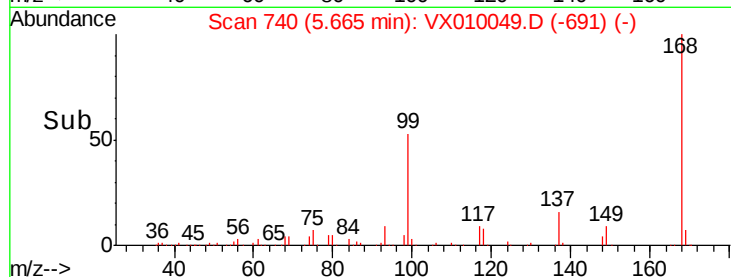
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 51.125 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010049.D

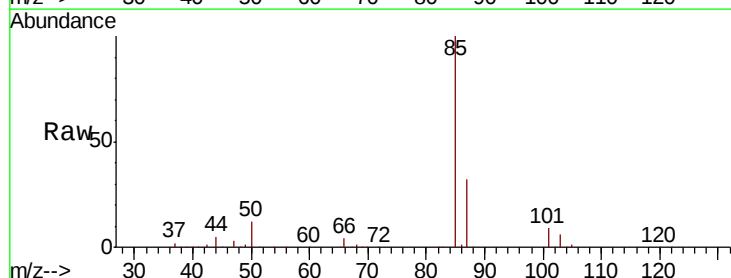
Acq: 03 Jun 2019 20:18

Tgt Ion: 85 Resp: 105078

Ion Ratio Lower Upper

85 100

87 32.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

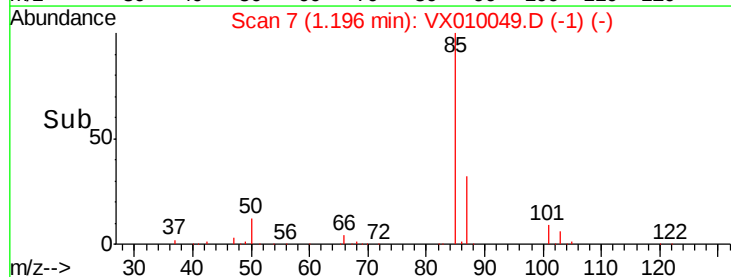
60000

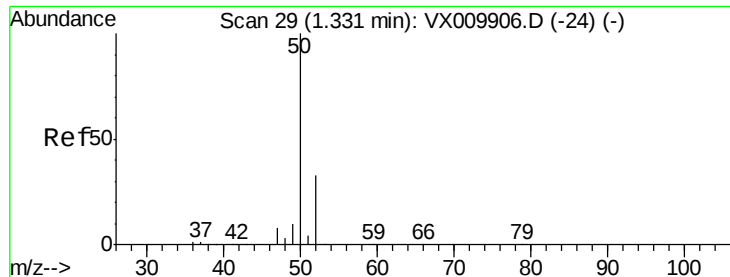
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 45.358 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX010049.D

Acq: 03 Jun 2019 20:18

Instrument :

MSVOA_X

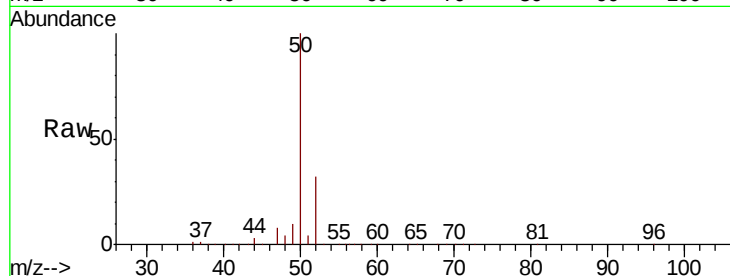
ClientSampleId :

Tot Ion: 50 Resp: 125328

Ion Ratio Lower Upper

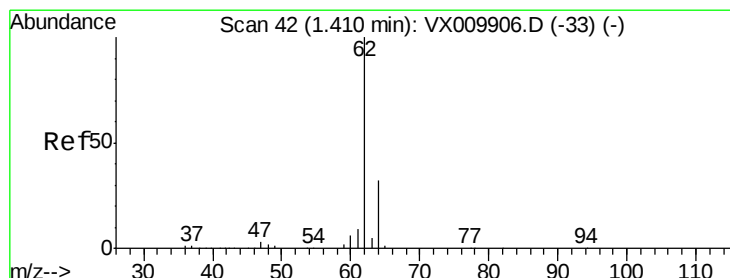
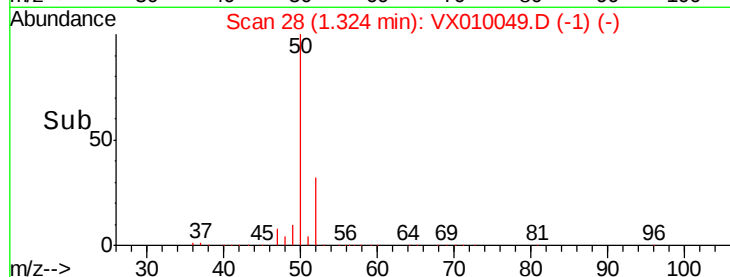
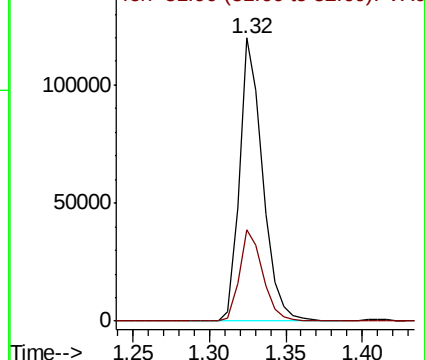
50 100

52 32.3 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: 47.993 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010049.D

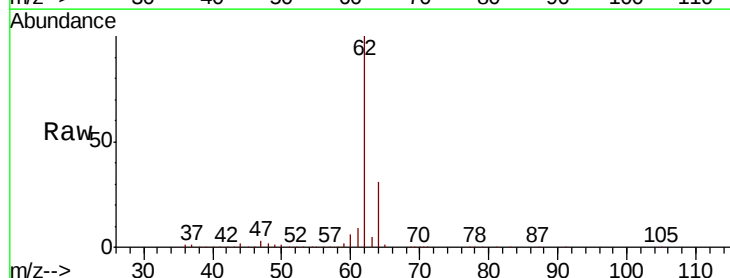
Acq: 03 Jun 2019 20:18

Tgt Ion: 62 Resp: 119543

Ion Ratio Lower Upper

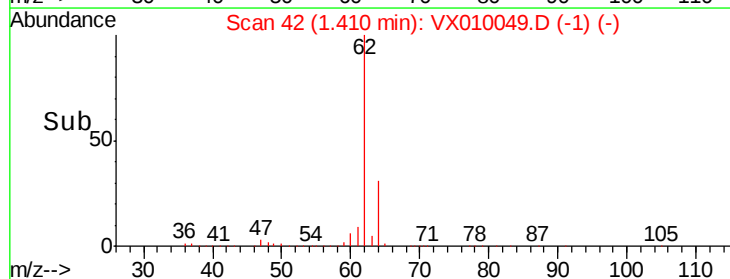
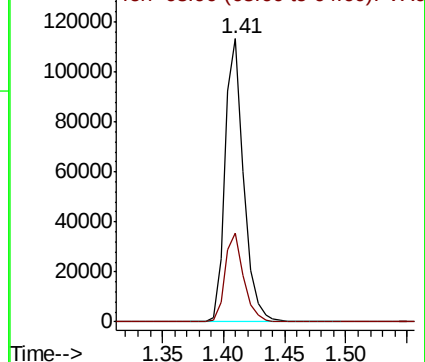
62 100

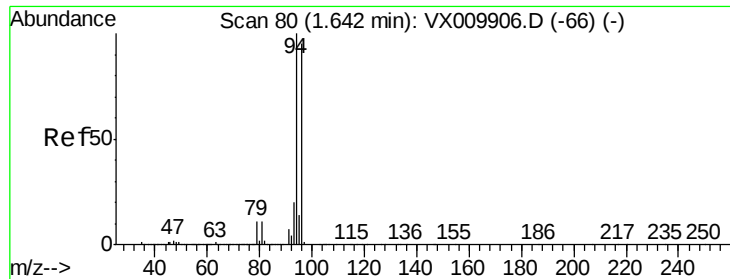
64 31.2 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 38.848 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX010049.D

Acq: 03 Jun 2019 20:18

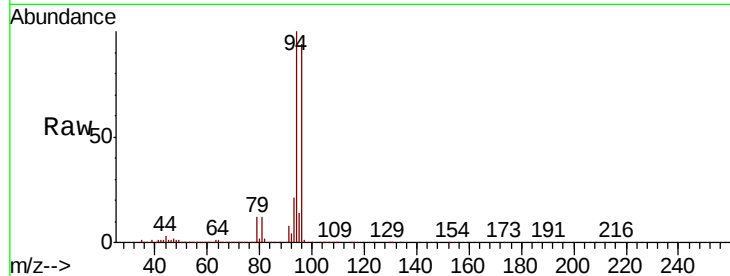
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 58628

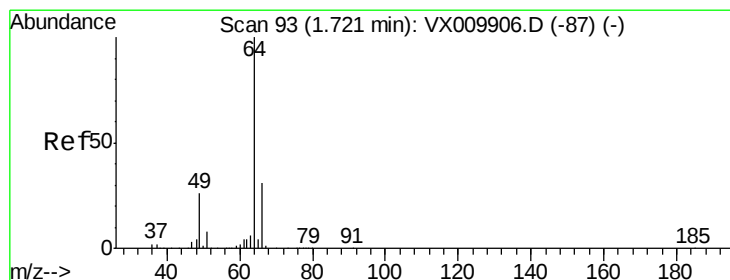
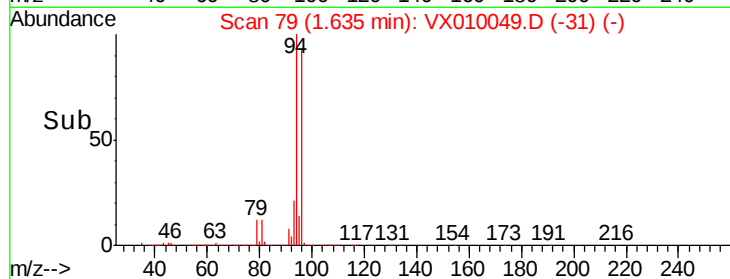
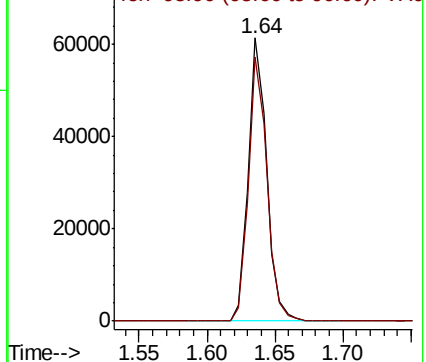
Ion Ratio Lower Upper

94 100

96 93.4 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: 42.818 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX010049.D

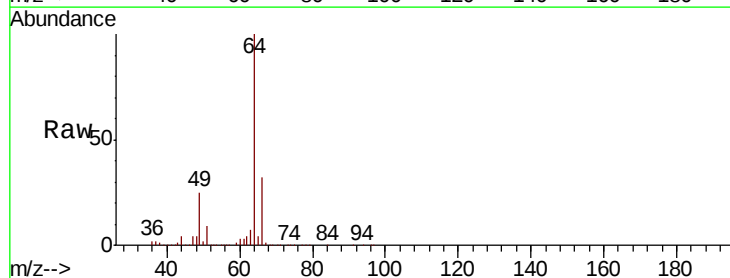
Acq: 03 Jun 2019 20:18

Tgt Ion: 64 Resp: 65654

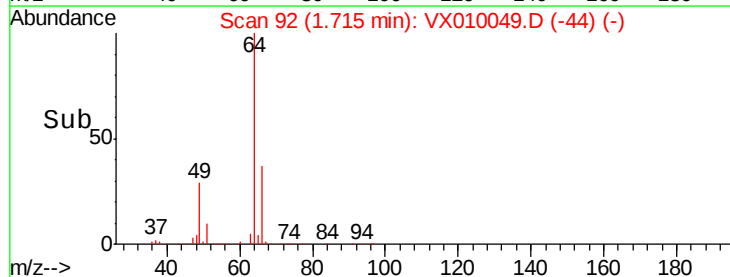
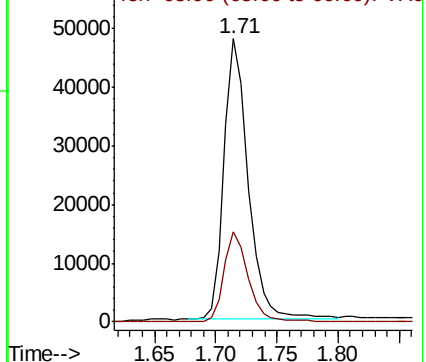
Ion Ratio Lower Upper

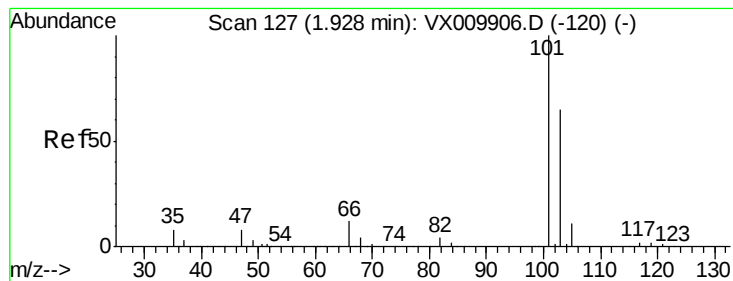
64 100

66 32.1 25.1 37.7



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



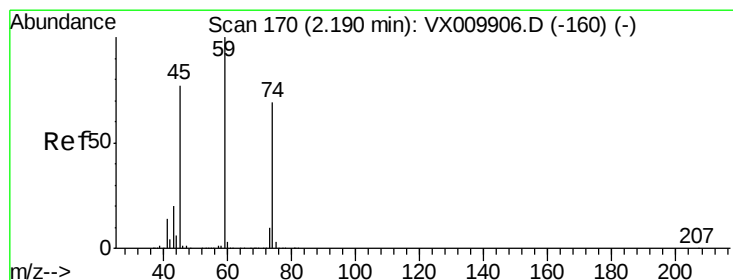
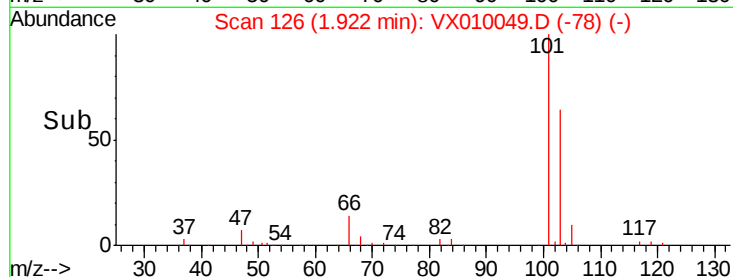
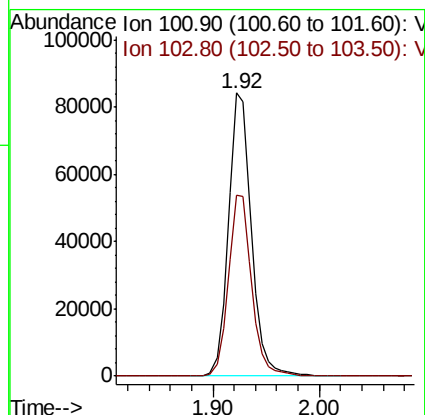
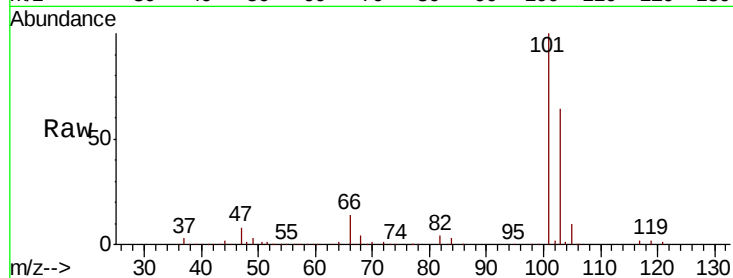


#7

Trichlorofluoromethane
 Concen: 46.115 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX010049.D
 Acq: 03 Jun 2019 20:18

Instrument :
 MSVOA_X
 ClientSampled :

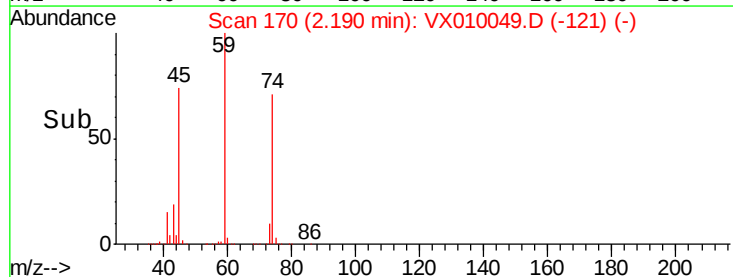
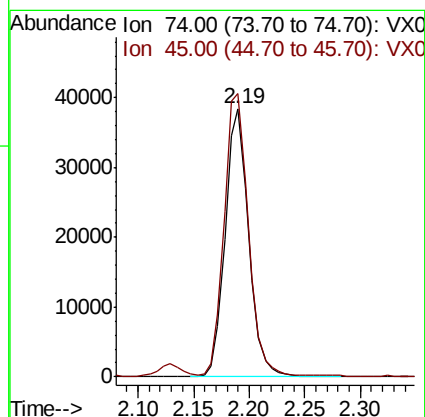
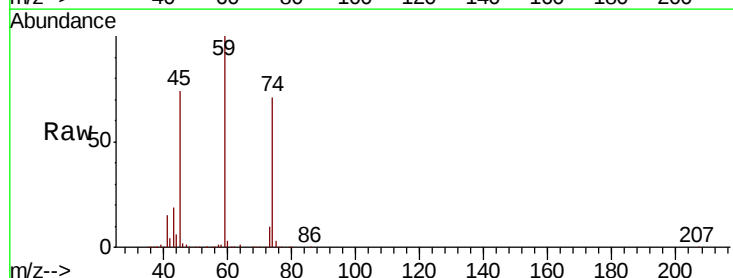
Tot Ion:101 Resp: 126931
 Ion Ratio Lower Upper
 101 100
 103 63.8 52.2 78.4

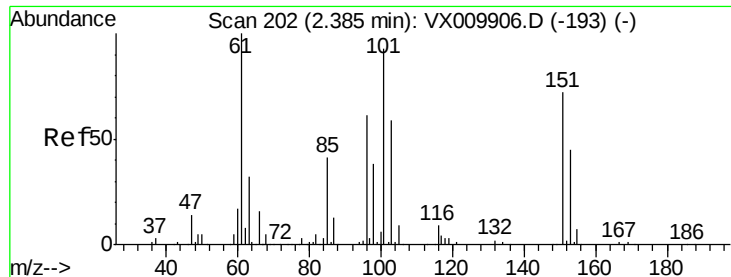


#8

Diethyl Ether
 Concen: 43.386 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX010049.D
 Acq: 03 Jun 2019 20:18

Tgt Ion: 74 Resp: 56118
 Ion Ratio Lower Upper
 74 100
 45 109.6 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.008 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX010049.D

Acq: 03 Jun 2019 20:18

Instrument :

MSVOA_X

ClientSampled :

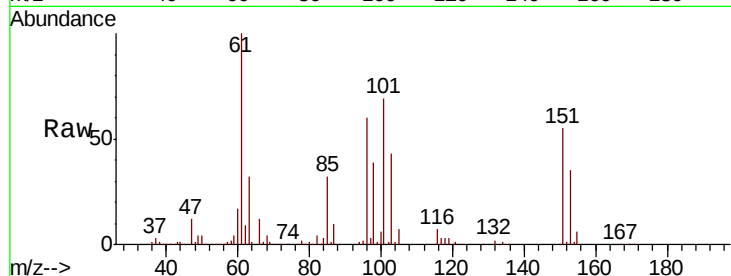
Tot Ion:101 Resp: 78118

Ion Ratio Lower Upper

101 100

85 45.1 35.2 52.8

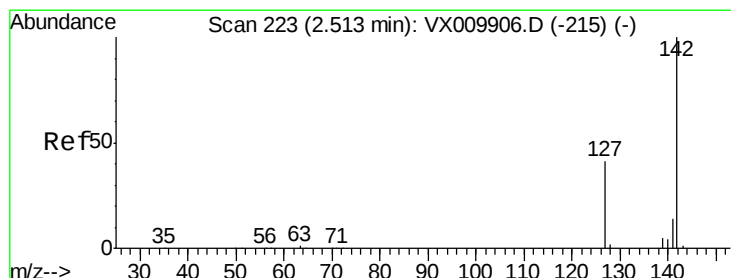
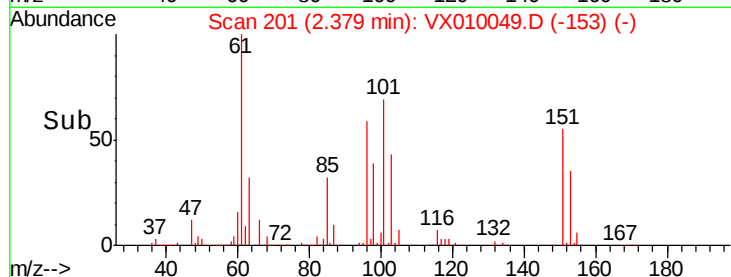
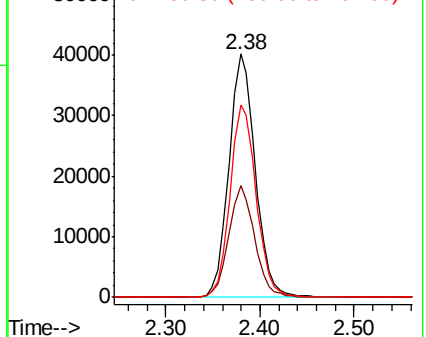
151 78.5 61.9 92.9



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: 49.163 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX010049.D

Acq: 03 Jun 2019 20:18

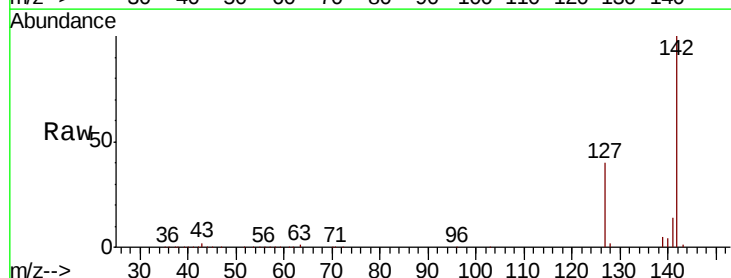
Tgt Ion:142 Resp: 100991

Ion Ratio Lower Upper

142 100

127 41.1 33.0 49.4

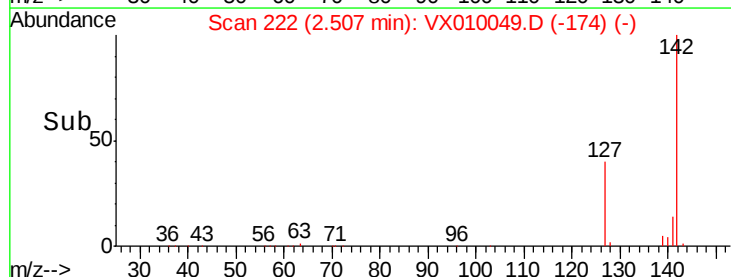
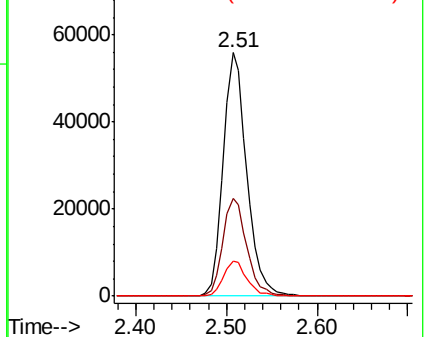
141 14.3 11.4 17.0

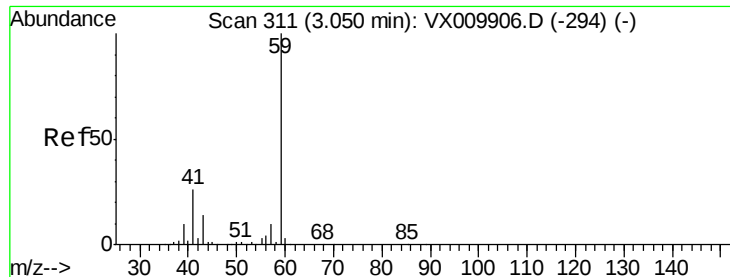


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



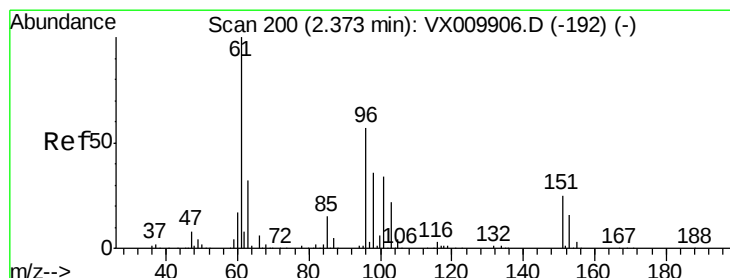
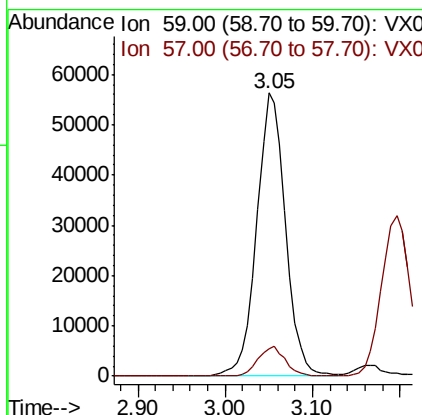
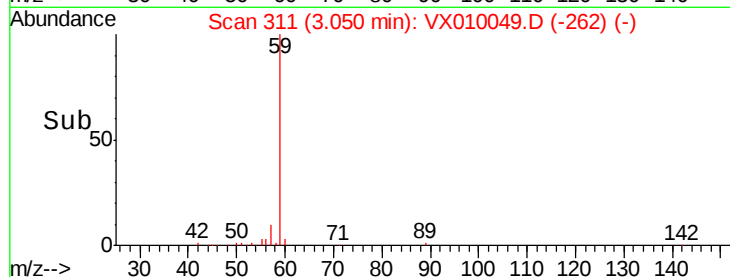
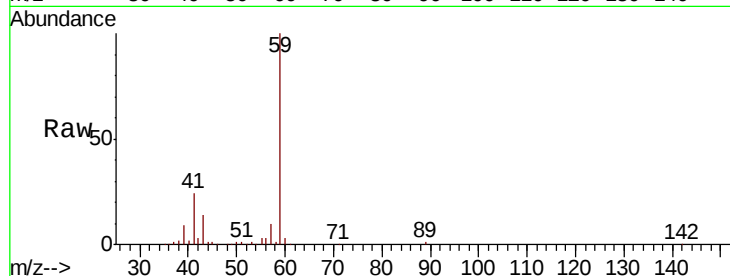


#11

Tert butyl alcohol
Concen: 221.429 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX010049.D
Acq: 03 Jun 2019 20:18

Instrument :
MSVOA_X
ClientSampled :

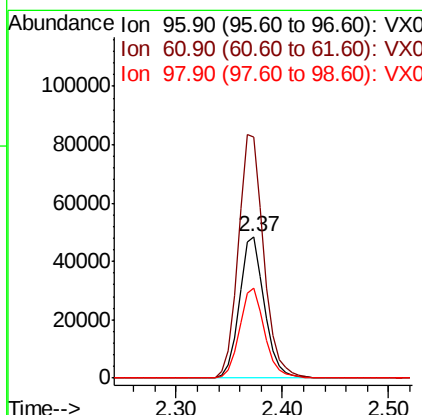
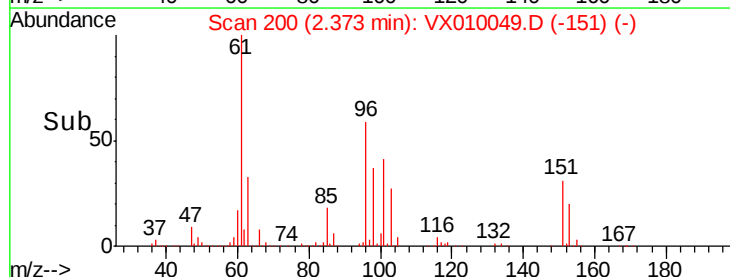
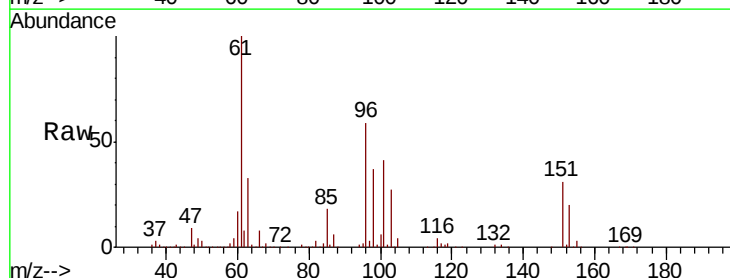
Tot Ion: 59 Resp: 129472
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2

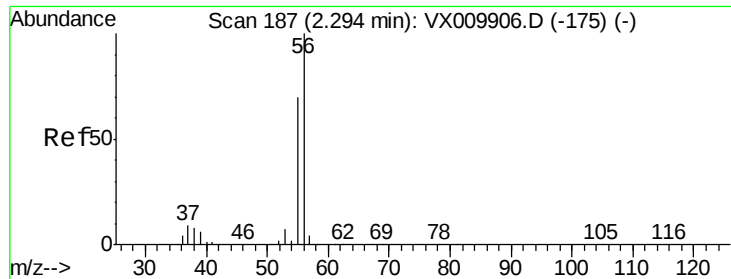


#12

1,1-Dichloroethene
Concen: 46.812 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010049.D
Acq: 03 Jun 2019 20:18

Tgt Ion: 96 Resp: 79738
Ion Ratio Lower Upper
96 100
61 170.4 140.7 211.1
98 63.6 50.1 75.1

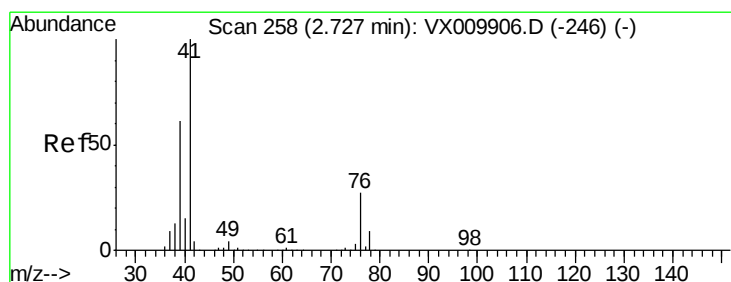
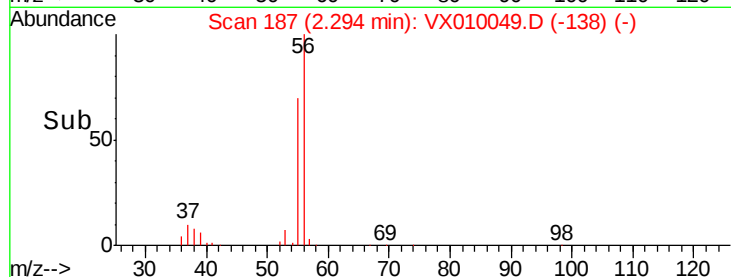
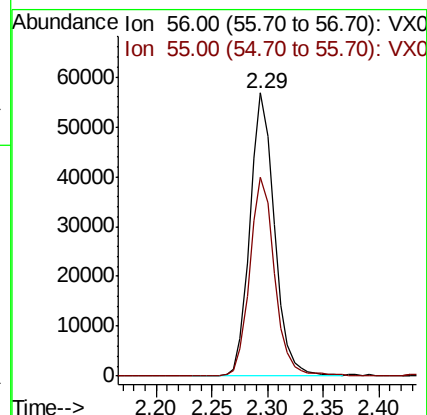
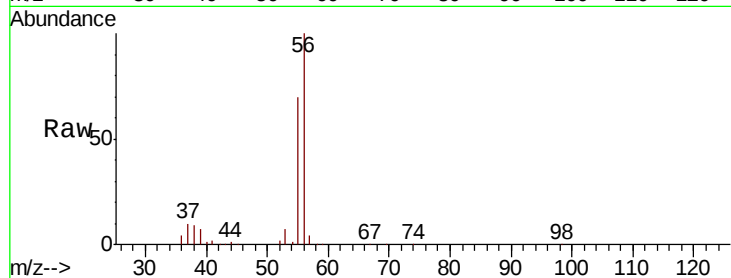




#13
 Acrolein
 Concen: 213.866 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. 0.00 min
 Lab File: VX010049.D
 Acq: 03 Jun 2019 20:18

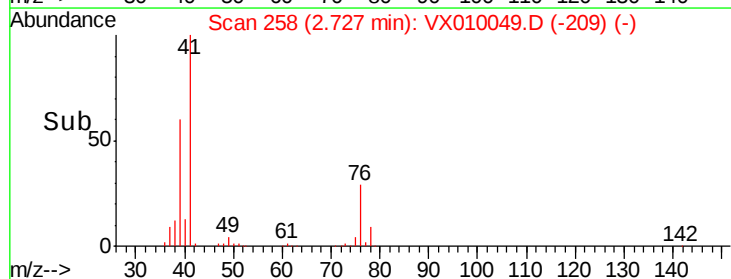
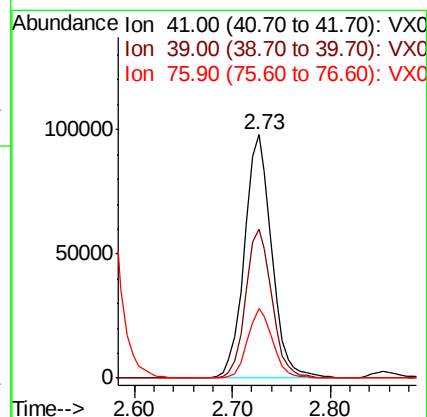
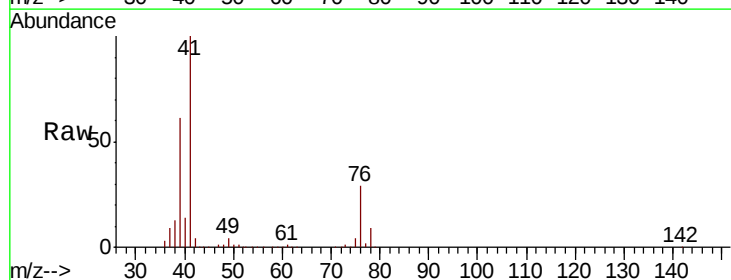
Instrument :
 MSVOA_X
 ClientSampleId :

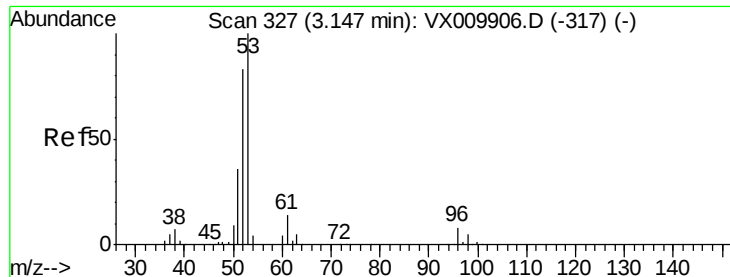
Tot Ion: 56 Resp: 87259
 Ion Ratio Lower Upper
 56 100
 55 70.6 57.0 85.4



#14
 Allyl chloride
 Concen: 45.593 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. -0.00 min
 Lab File: VX010049.D
 Acq: 03 Jun 2019 20:18

Tgt Ion: 41 Resp: 188758
 Ion Ratio Lower Upper
 41 100
 39 58.9 46.7 70.1
 76 26.2 21.0 31.4





#15

Acrylonitrile

Concen: 224.549 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX010049.D

Acq: 03 Jun 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

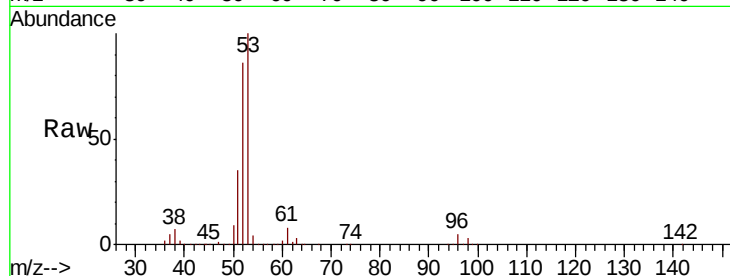
Tot Ion: 53 Resp: 316355

Ion Ratio Lower Upper

53 100

52 84.3 66.7 100.1

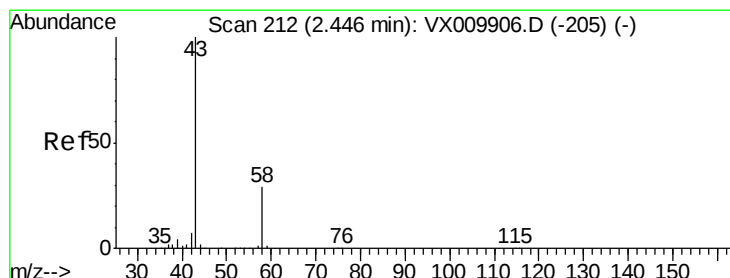
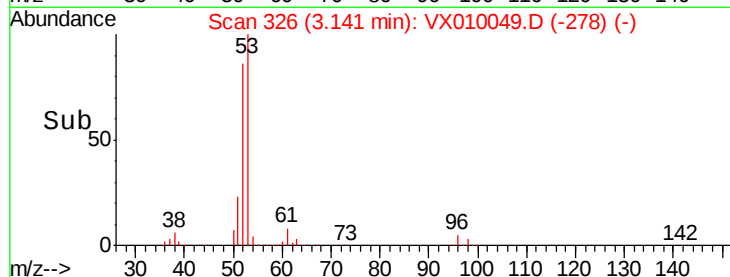
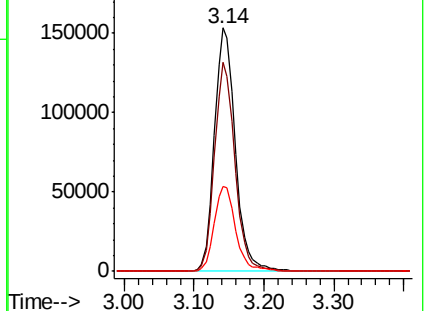
51 36.0 28.8 43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 212.391 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010049.D

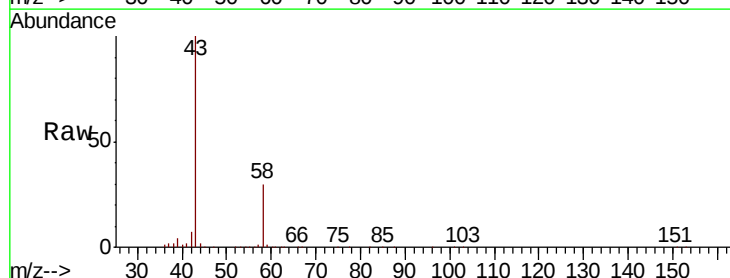
Acq: 03 Jun 2019 20:18

Tgt Ion: 43 Resp: 291559

Ion Ratio Lower Upper

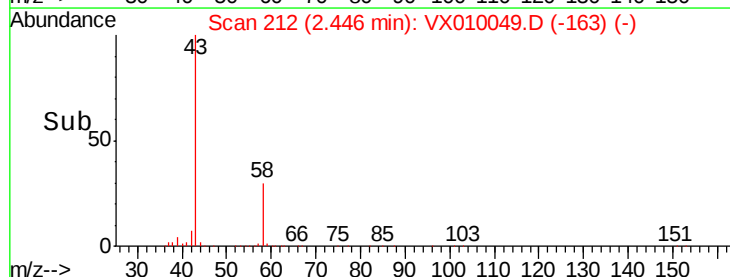
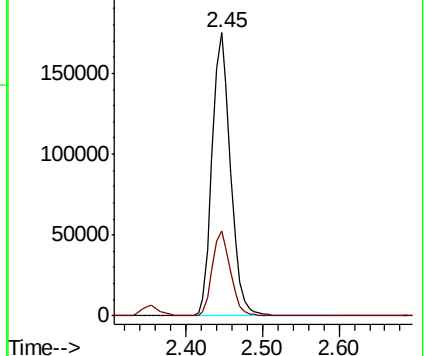
43 100

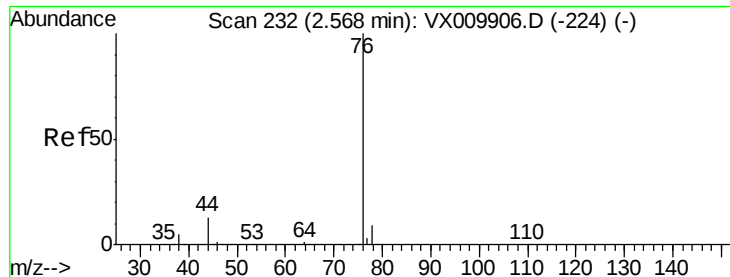
58 30.0 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

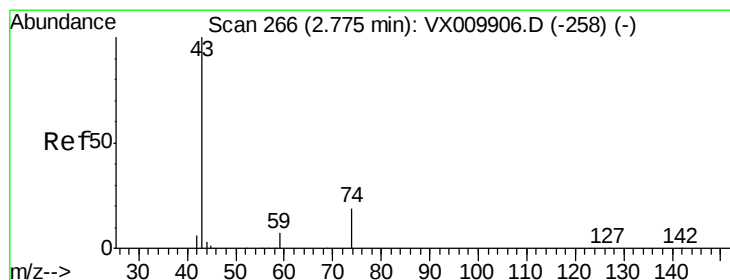
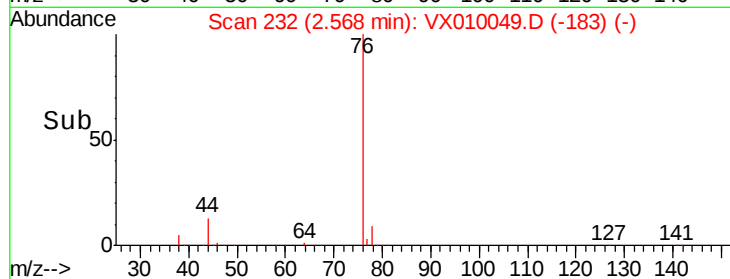
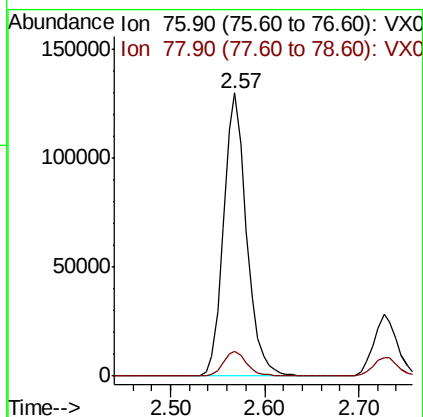
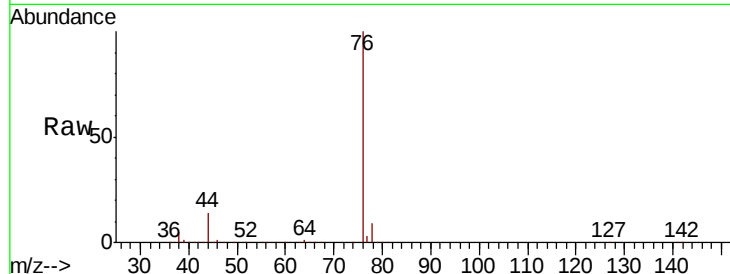




#17
Carbon Disulfide
Concen: 42.605 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010049.D
Acq: 03 Jun 2019 20:18

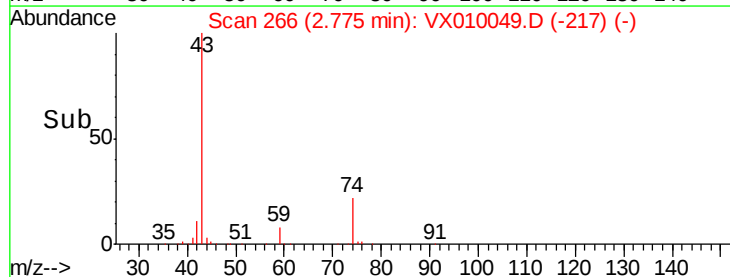
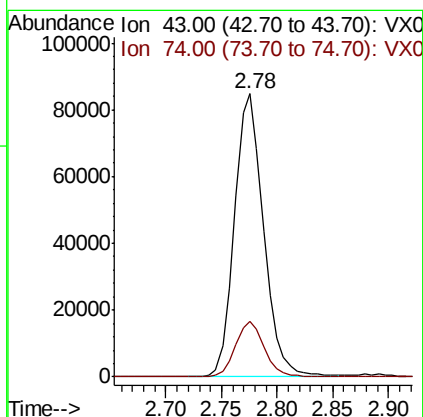
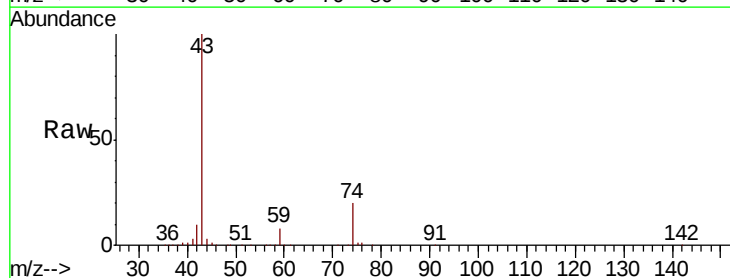
Instrument :
MSVOA_X
ClientSampled :

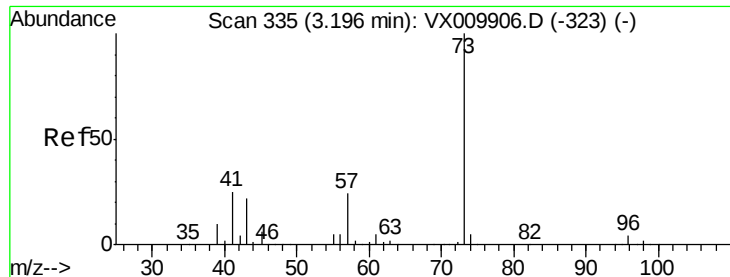
Tot Ion: 76 Resp: 219455
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6



#18
Methyl Acetate
Concen: 47.837 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010049.D
Acq: 03 Jun 2019 20:18

Tgt Ion: 43 Resp: 152801
Ion Ratio Lower Upper
43 100
74 20.1 15.8 23.6

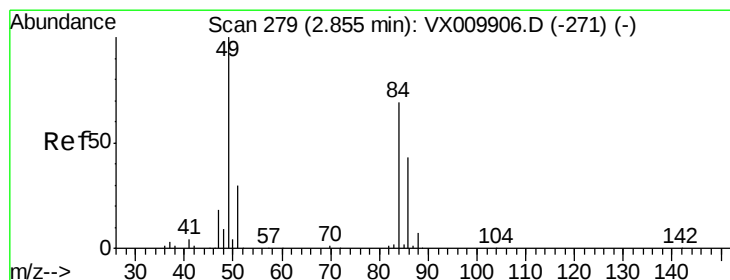
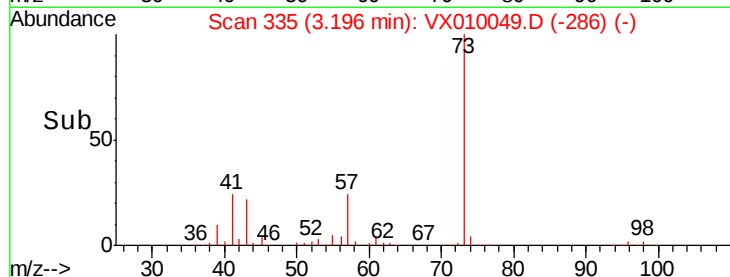
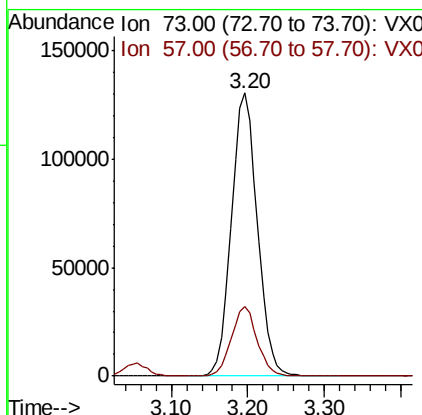
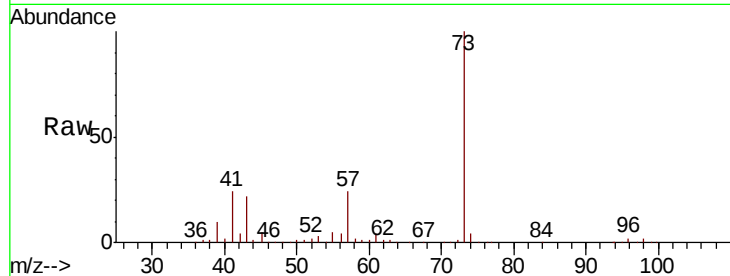




#19
Methvl tert-butvl Ether
Concen: 47.572 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010049.D
Acq: 03 Jun 2019 20:18

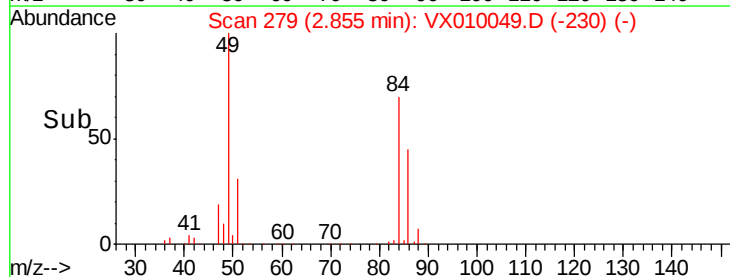
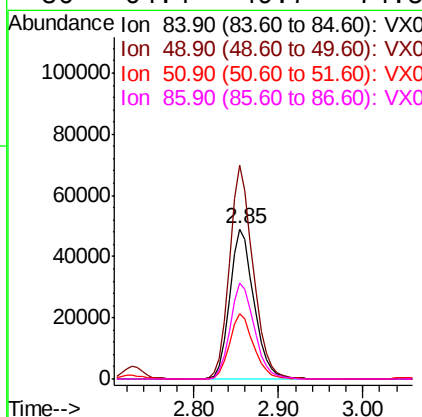
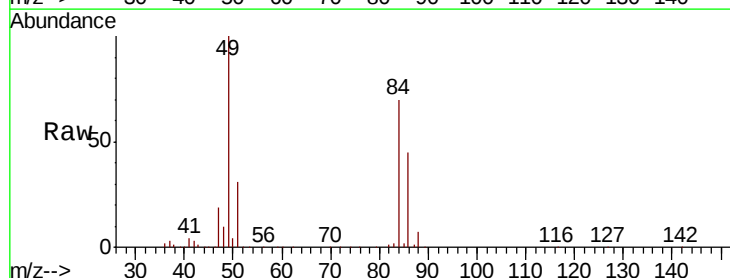
Instrument :
MSVOA_X
ClientSampled :

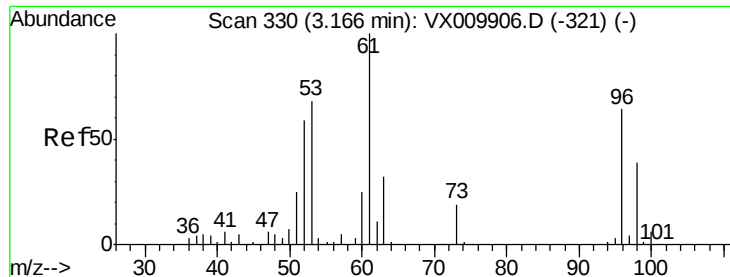
Tot Ion: 73 Resp: 305932
Ion Ratio Lower Upper
73 100
57 24.4 19.4 29.2



#20
Methylene Chloride
Concen: 45.308 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010049.D
Acq: 03 Jun 2019 20:18

Tgt Ion: 84 Resp: 95245
Ion Ratio Lower Upper
84 100
49 142.3 115.8 173.6
51 43.7 34.4 51.6
86 64.4 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 44.675 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010049.D

Acq: 03 Jun 2019 20:18

Instrument :

MSVOA_X

ClientSampled :

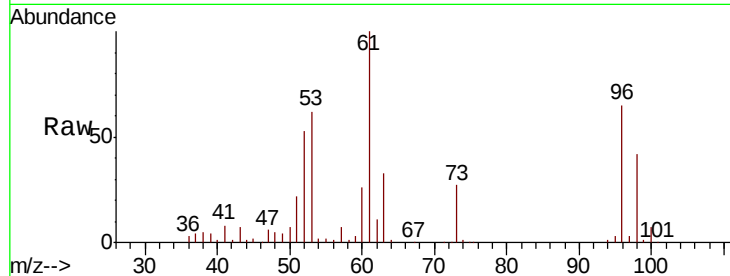
Tot Ion: 96 Resp: 84673

Ion Ratio Lower Upper

96 100

61 153.0 125.7 188.5

98 64.0 49.0 73.6

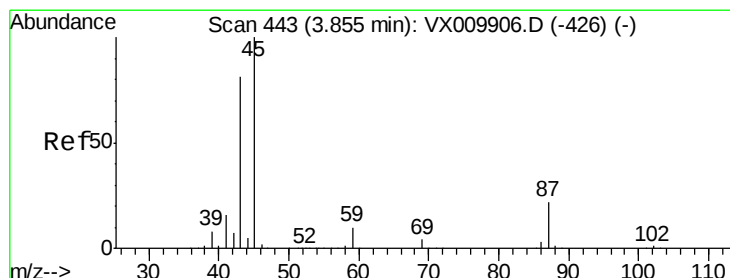
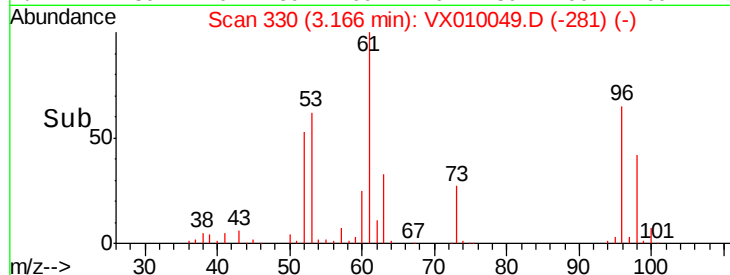
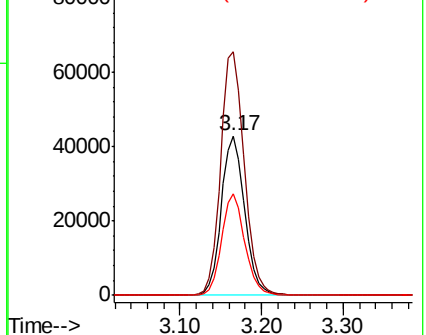


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 46.790 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010049.D

Acq: 03 Jun 2019 20:18

Tgt Ion: 45 Resp: 368579

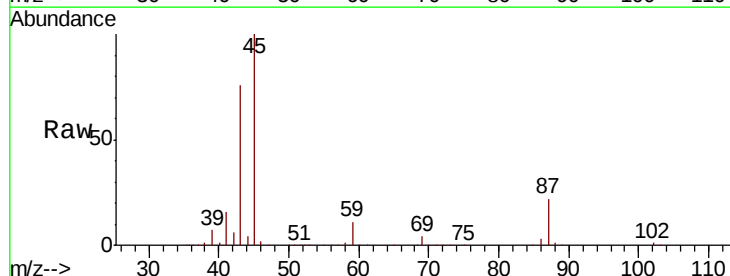
Ion Ratio Lower Upper

45 100

43 75.2 65.0 97.4

87 22.2 17.3 25.9

59 10.4 8.1 12.1



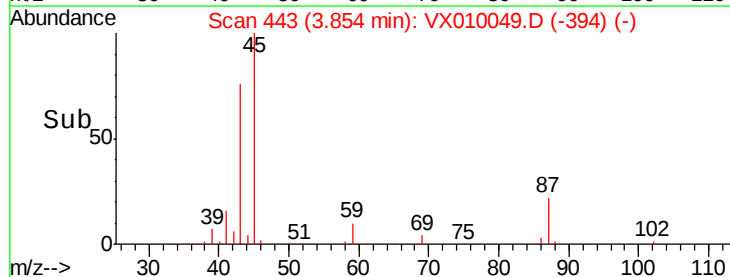
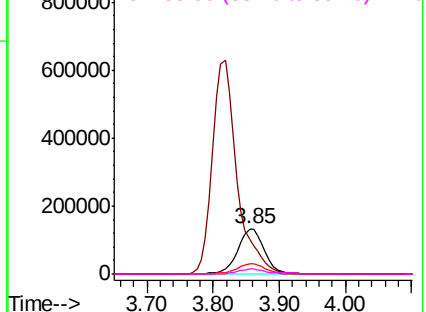
Abundance

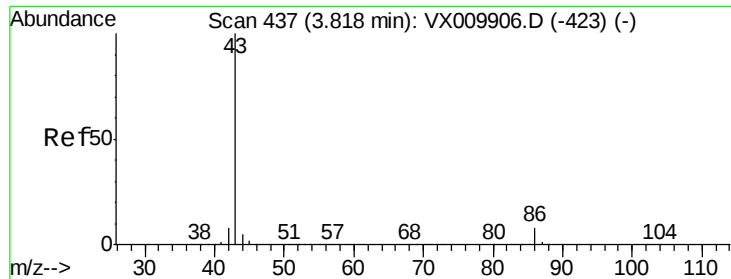
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 230.345 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX010049.D

Acq: 03 Jun 2019 20:18

Instrument :

MSVOA_X

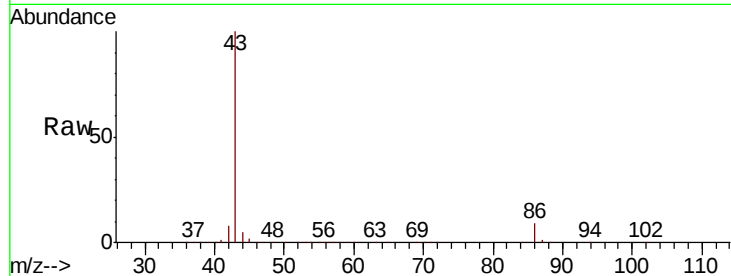
ClientSampleId :

Tot Ion: 43 Resp: 1630040

Ion Ratio Lower Upper

43 100

86 8.5 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

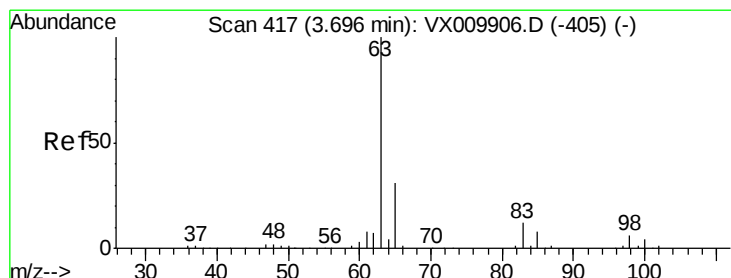
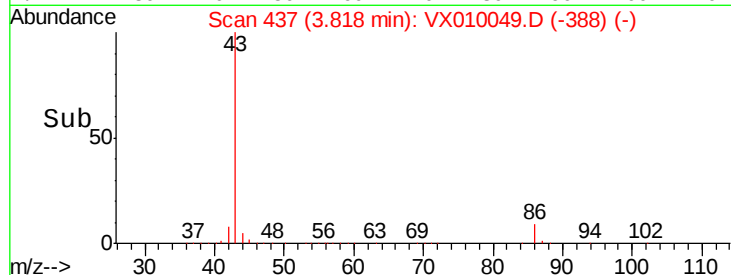
600000

400000

200000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 46.639 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010049.D

Acq: 03 Jun 2019 20:18

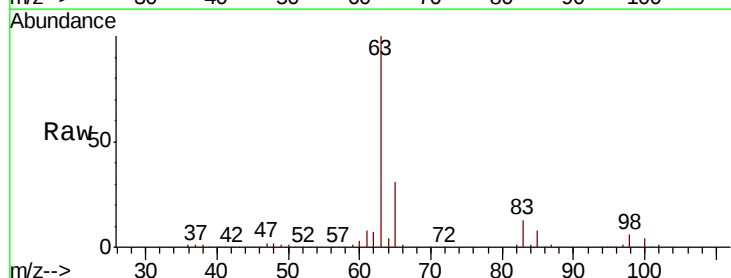
Tgt Ion: 63 Resp: 178040

Ion Ratio Lower Upper

63 100

98 6.0 2.9 8.8

100 4.1 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

3.70

100000

80000

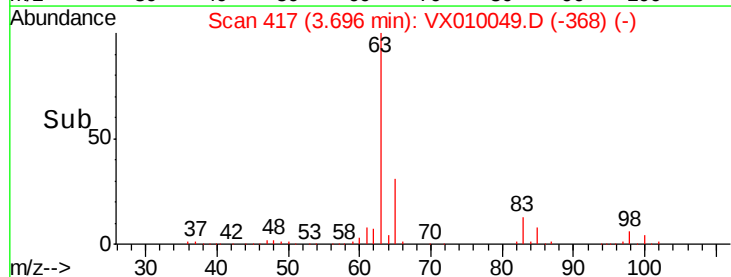
60000

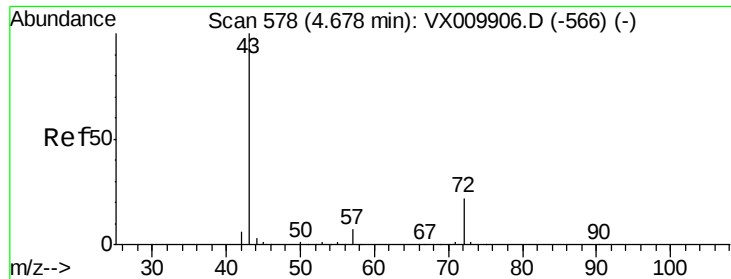
40000

20000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 222.576 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX010049.D

Acq: 03 Jun 2019 20:18

Instrument :

MSVOA_X

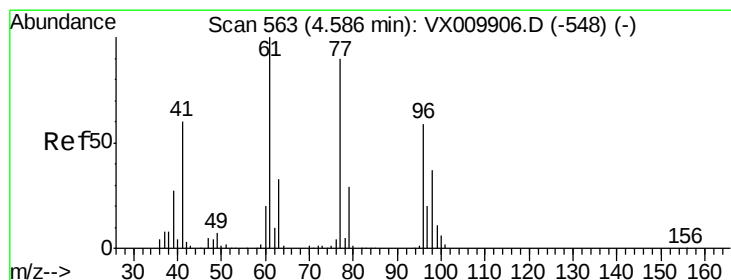
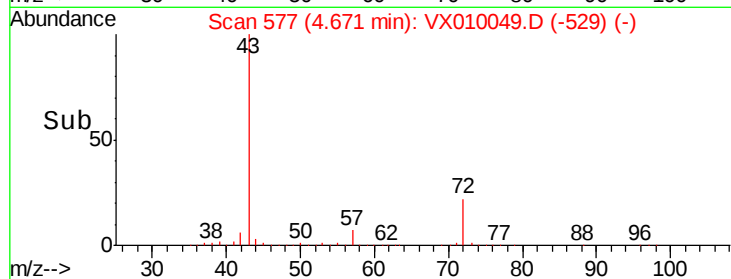
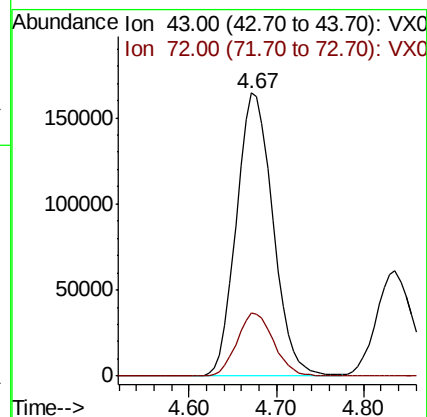
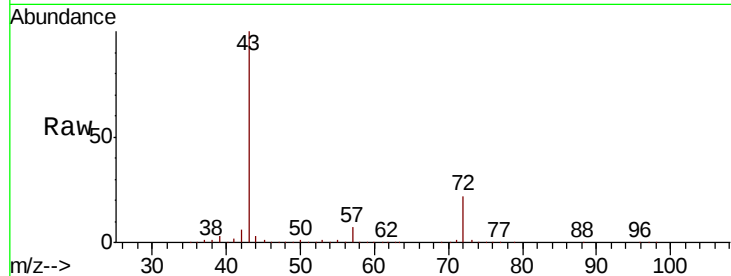
ClientSampleId :

Tot Ion: 43 Resp: 476028

Ion Ratio Lower Upper

43 100

72 22.3 17.5 26.3



#26

2,2-Dichloropropane

Concen: 43.108 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX010049.D

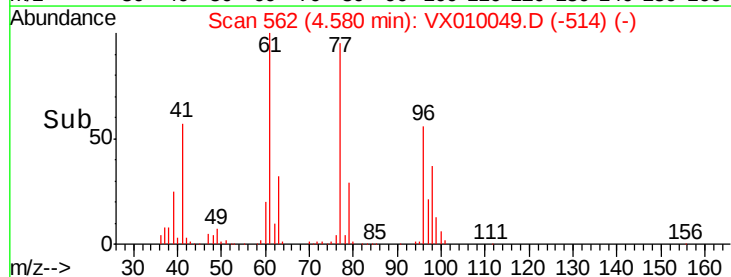
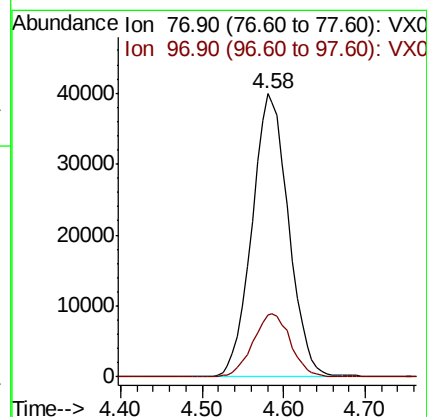
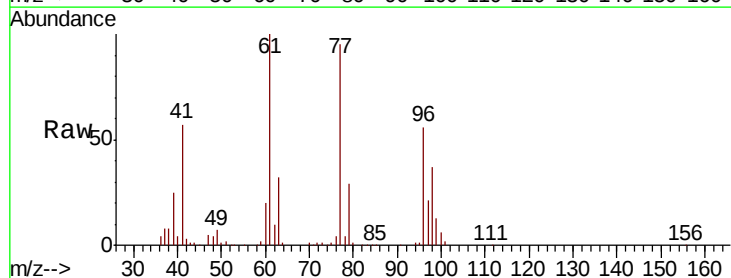
Acq: 03 Jun 2019 20:18

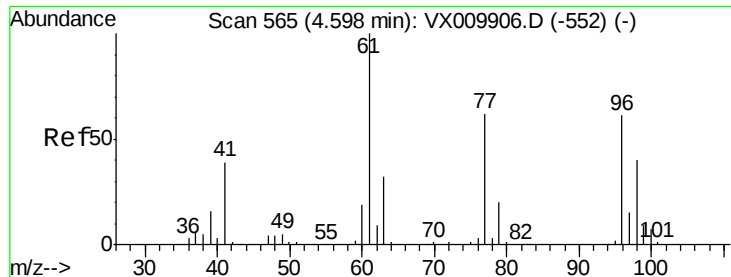
Tgt Ion: 77 Resp: 124486

Ion Ratio Lower Upper

77 100

97 23.0 11.4 34.2



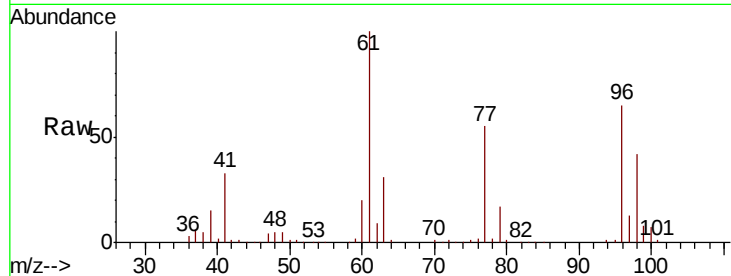


#27

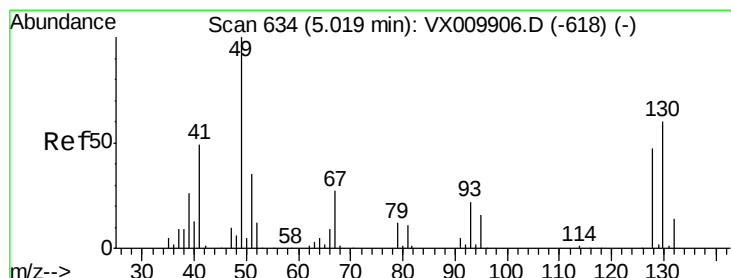
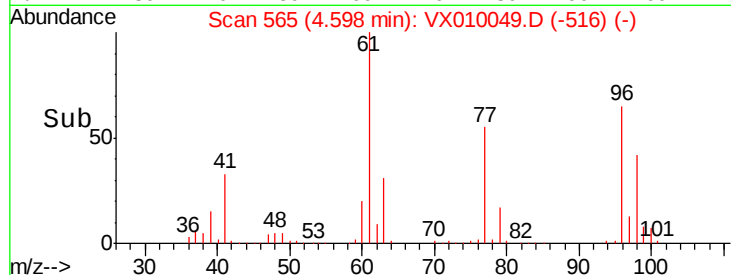
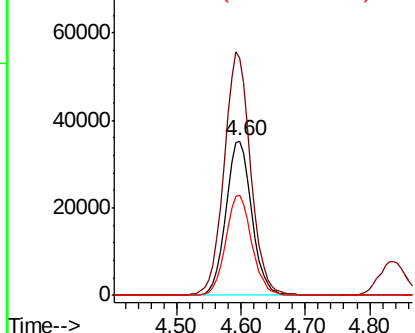
cis-1,2-Dichloroethene
Concen: 45.621 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX010049.D
Acq: 03 Jun 2019 20:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 99810
Ion Ratio Lower Upper
96 100
61 161.8 0.0 334.0
98 65.3 0.0 131.6



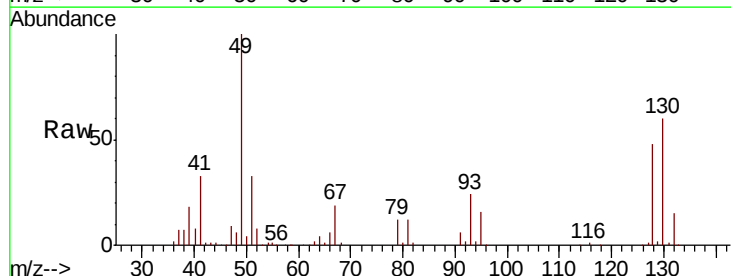
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



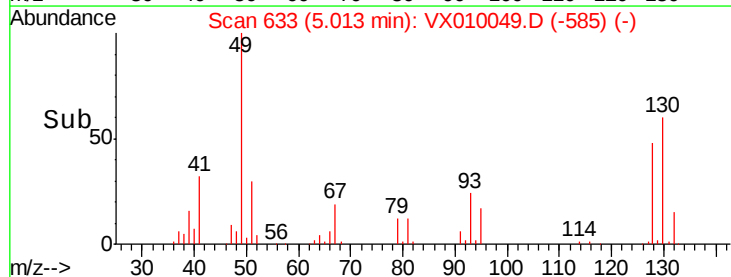
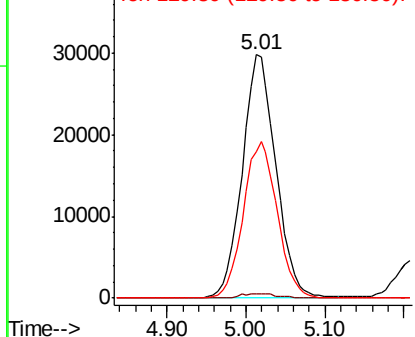
#28

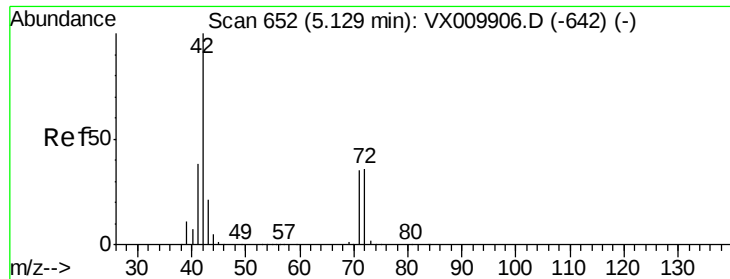
Bromochloromethane
Concen: 44.622 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX010049.D
Acq: 03 Jun 2019 20:18

Tgt Ion: 49 Resp: 88396
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.4
130 64.8 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

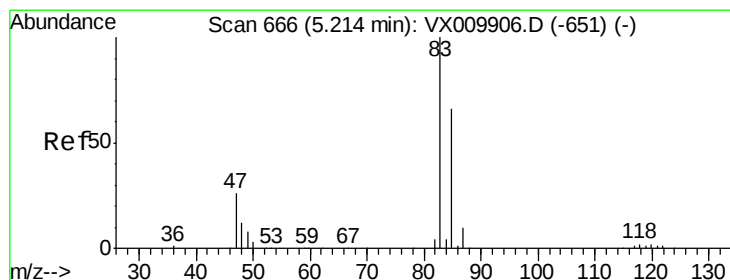
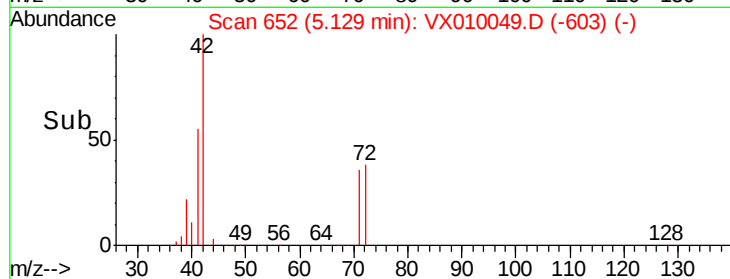
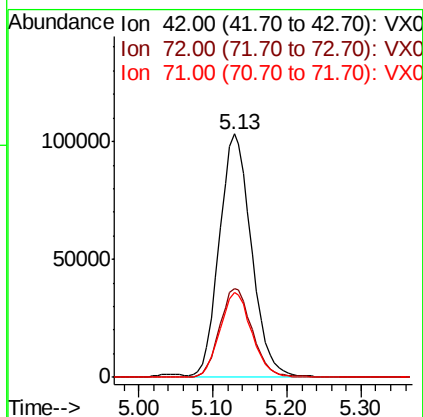
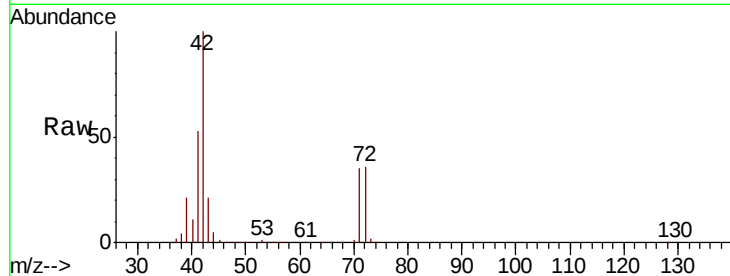




#29
Tetrahydrofuran
Concen: 224.905 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX010049.D
Acq: 03 Jun 2019 20:18

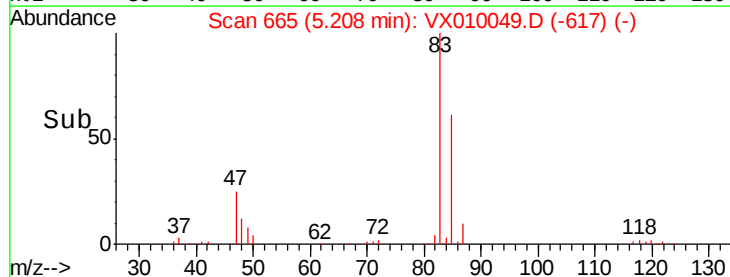
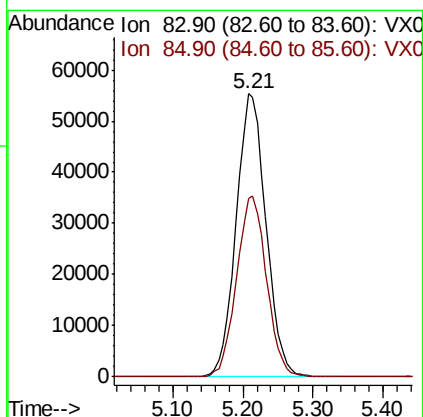
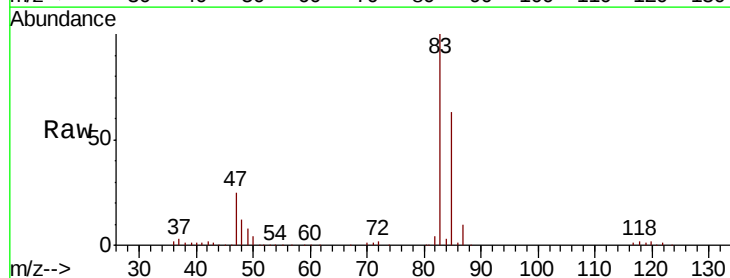
Instrument :
MSVOA_X
ClientSampleId :

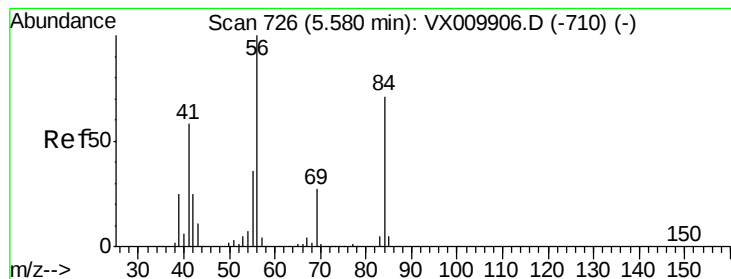
Tot Ion: 42 Resp: 308452
Ion Ratio Lower Upper
42 100
72 37.5 29.2 43.8
71 35.0 27.6 41.4



#30
Chloroform
Concen: 47.543 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX010049.D
Acq: 03 Jun 2019 20:18

Tgt Ion: 83 Resp: 163681
Ion Ratio Lower Upper
83 100
85 63.0 52.6 78.8





#31

Cyclohexane

Concen: 47.411 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

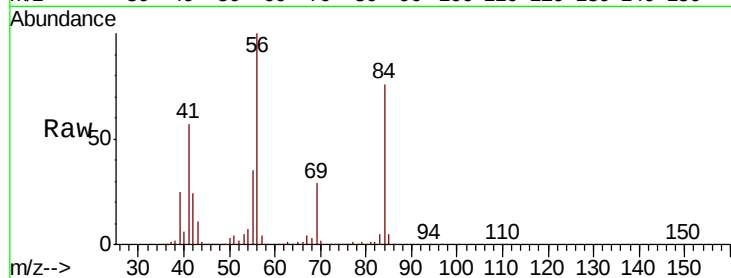
Lab File: VX010049.D

Acq: 03 Jun 2019 20:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 171419

Ion	Ratio	Lower	Upper
56	100		
69	28.5	21.6	32.4
84	74.8	56.8	85.2

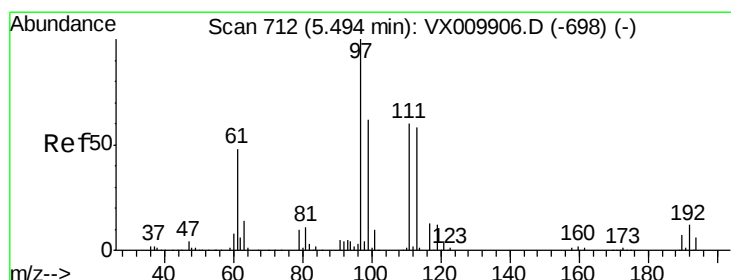
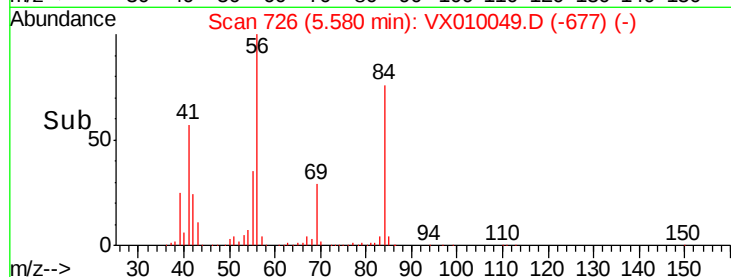
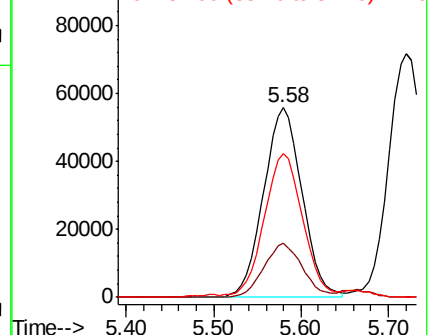


Abundance

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: 48.746 ug/l

RT: 5.50 min Scan# 713

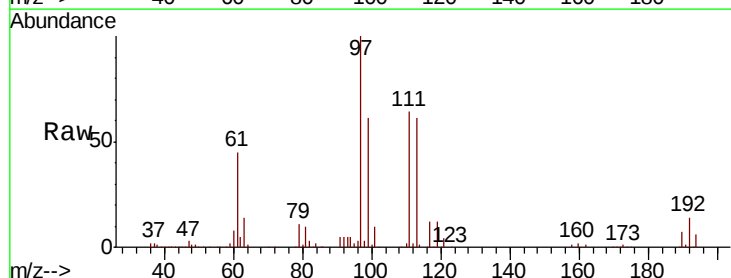
Delta R.T. 0.01 min

Lab File: VX010049.D

Acq: 03 Jun 2019 20:18

Tgt Ion: 97 Resp: 136676

Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.0	76.4
61	46.8	38.7	58.1

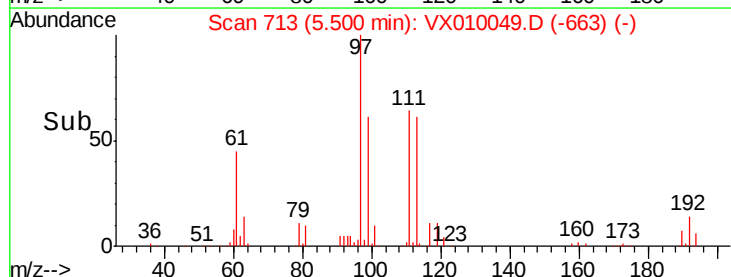
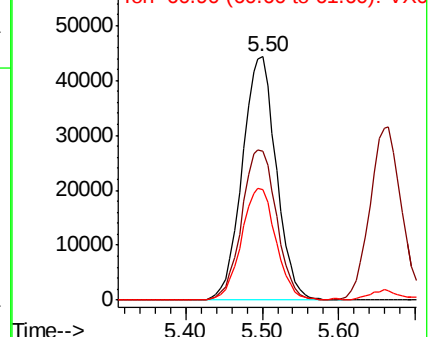


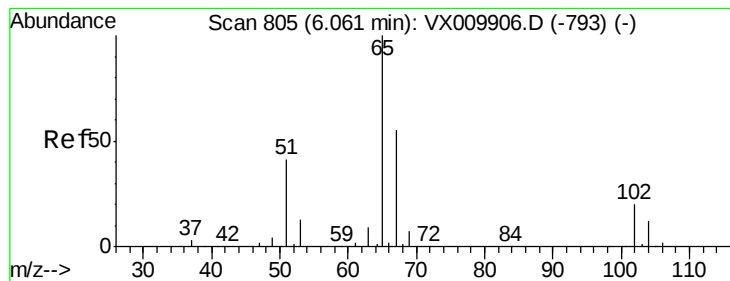
Abundance

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: 45.453 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX010049.D

Acq: 03 Jun 2019 20:18

Instrument :

MSVOA_X

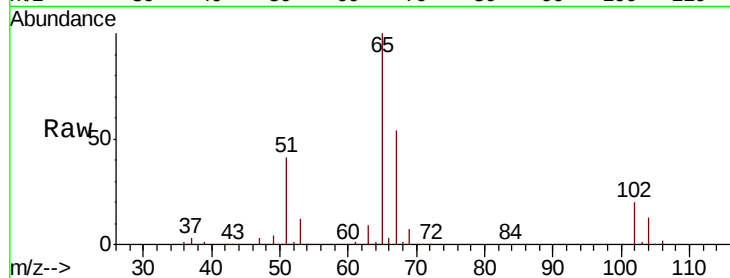
ClientSampleId :

Tot Ion: 65 Resp: 107992

Ion Ratio Lower Upper

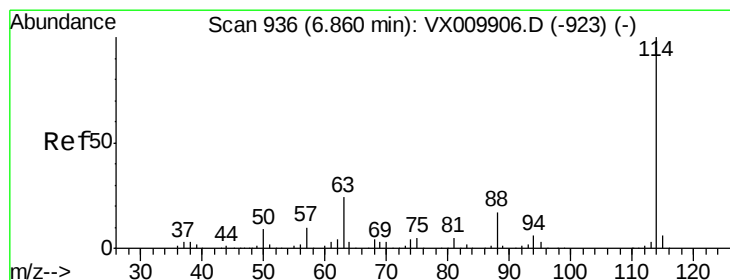
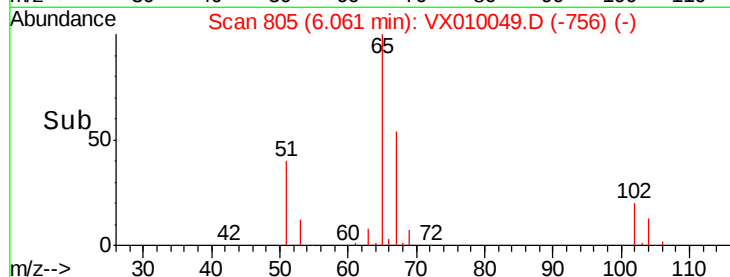
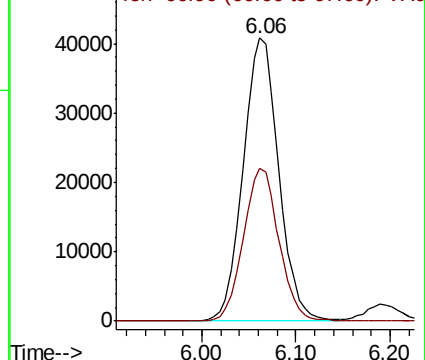
65 100

67 53.9 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010049.D

Acq: 03 Jun 2019 20:18

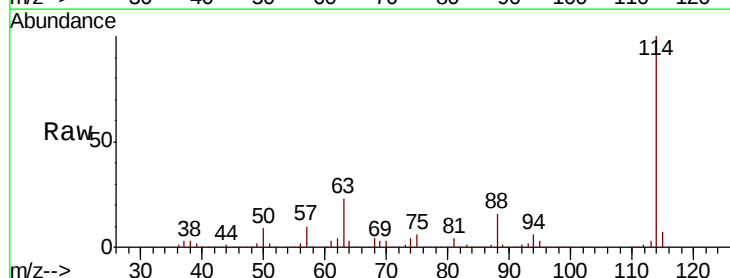
Tgt Ion: 114 Resp: 265139

Ion Ratio Lower Upper

114 100

63 23.0 0.0 47.4

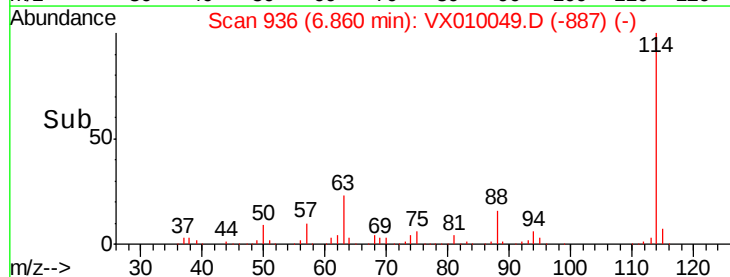
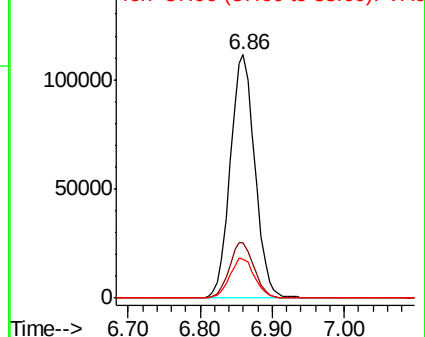
88 15.9 0.0 33.0

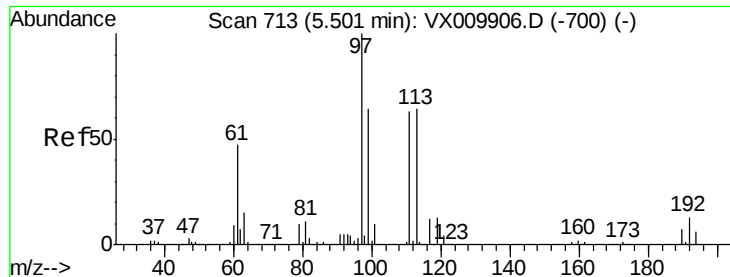


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

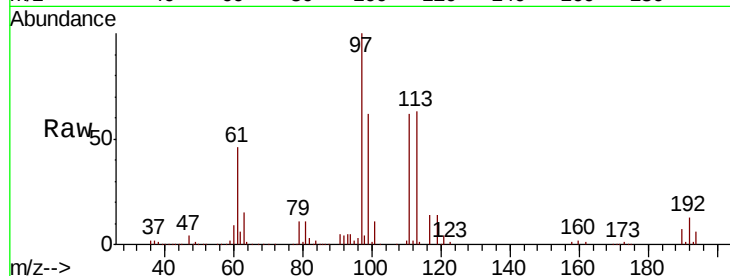




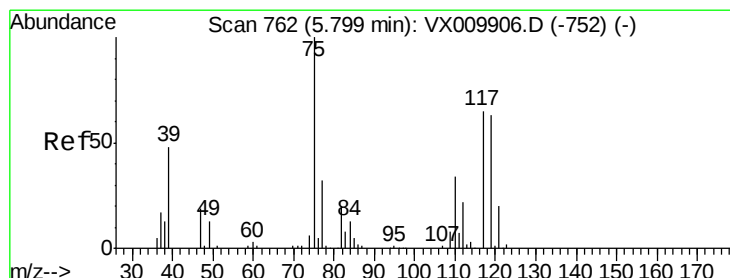
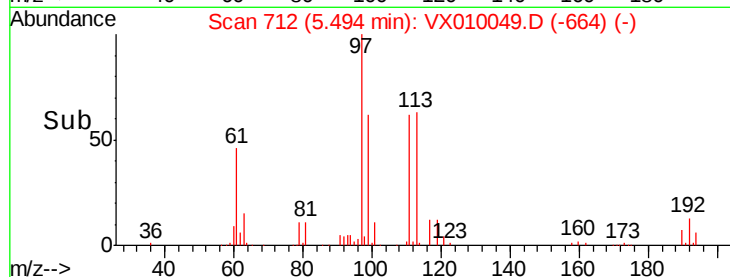
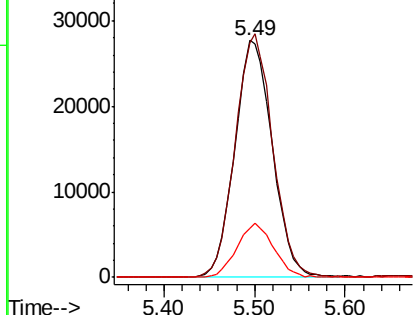
#35
 Dibromofluoromethane
 Concen: 47.659 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010049.D
 Acq: 03 Jun 2019 20:18

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:113 Resp: 79445
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.2 123.2
 192 22.3 17.1 25.7

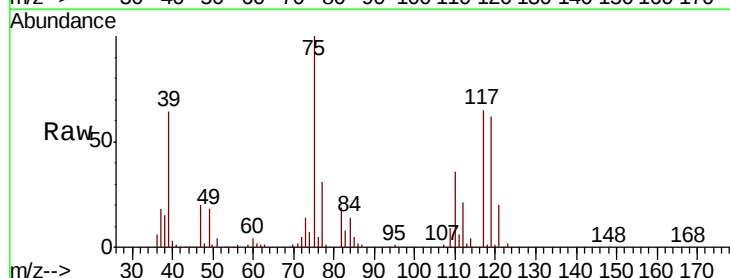


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

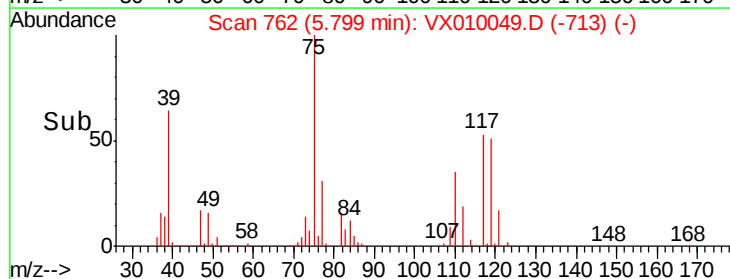
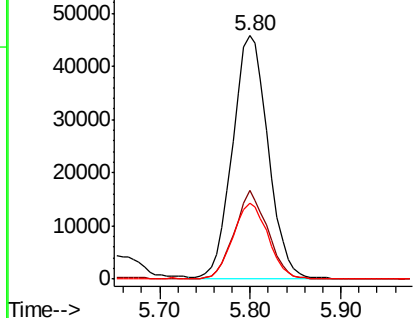


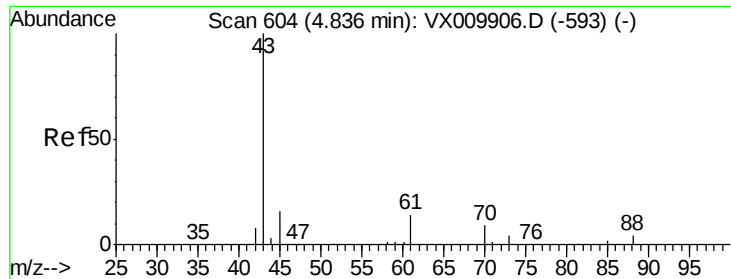
#36
 1,1-Dichloropropene
 Concen: 46.028 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX010049.D
 Acq: 03 Jun 2019 20:18

Tgt Ion: 75 Resp: 123823
 Ion Ratio Lower Upper
 75 100
 110 34.0 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

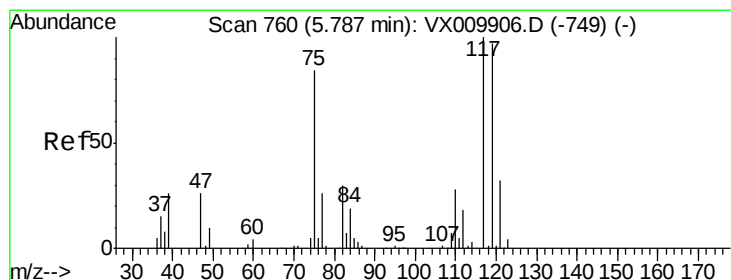
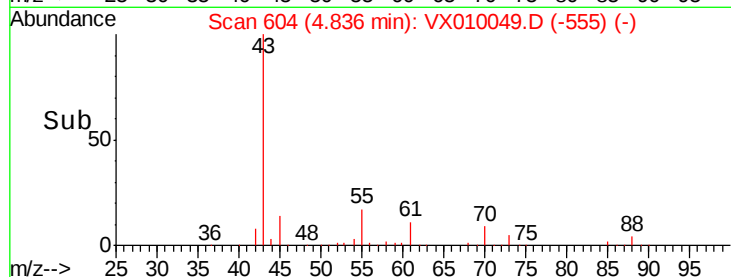
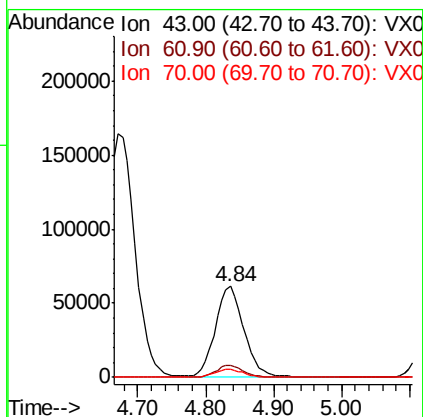
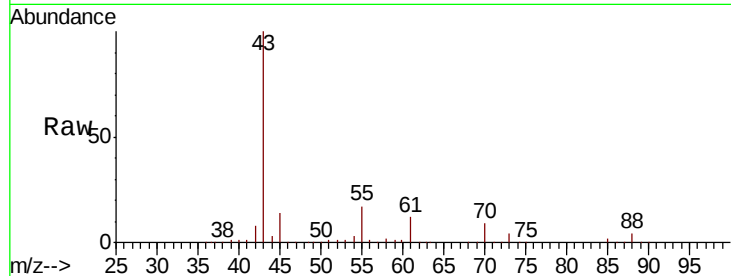




#37
Ethyl Acetate
Concen: 47.584 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX010049.D
Acq: 03 Jun 2019 20:18

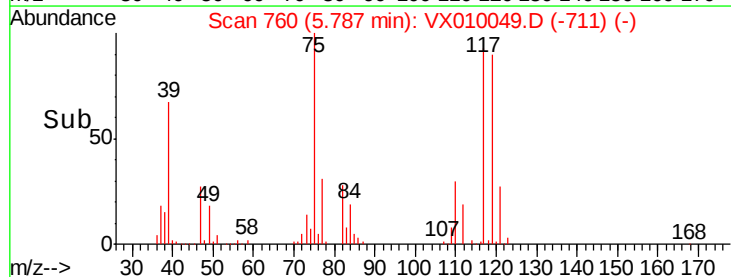
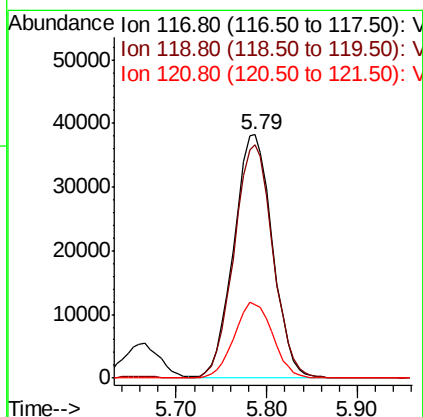
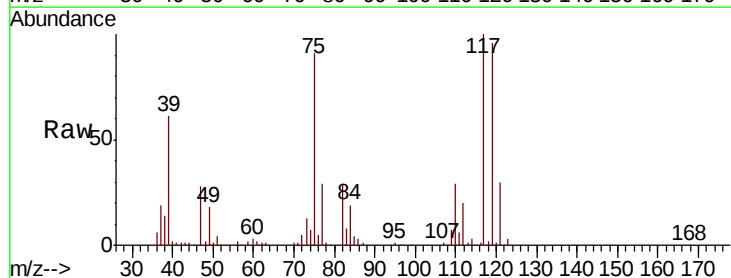
Instrument :
MSVOA_X
ClientSampled :

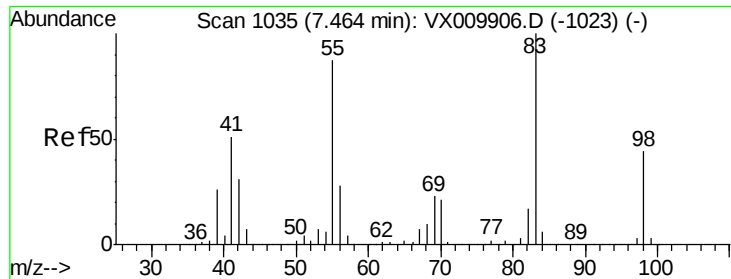
Tot Ion: 43 Resp: 178362
Ion Ratio Lower Upper
43 100
61 12.6 10.2 15.2
70 9.1 7.4 11.2



#38
Carbon Tetrachloride
Concen: 48.742 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX010049.D
Acq: 03 Jun 2019 20:18

Tgt Ion: 117 Resp: 113307
Ion Ratio Lower Upper
117 100
119 95.5 77.3 115.9
121 30.1 25.4 38.0

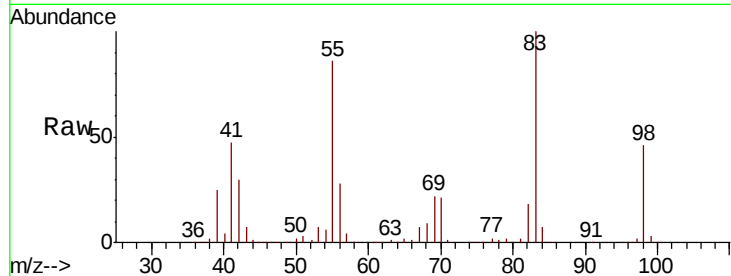




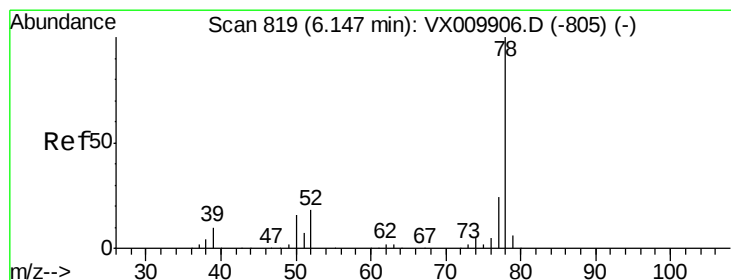
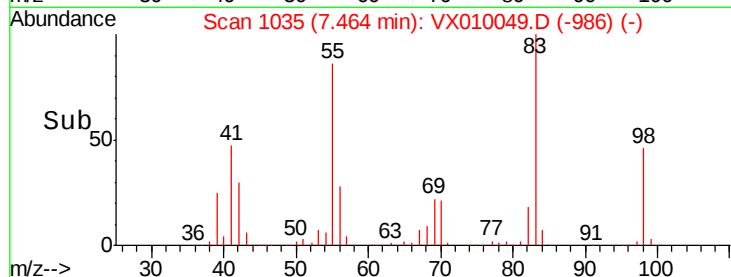
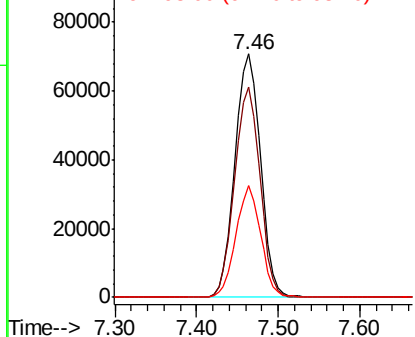
#39
Methvlcvclohexane
Concen: 48.004 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010049.D
Acq: 03 Jun 2019 20:18

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 153181
Ion Ratio Lower Upper
83 100
55 86.4 69.9 104.9
98 46.1 35.1 52.7

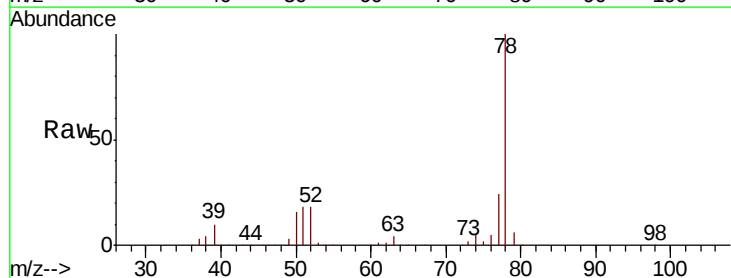


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

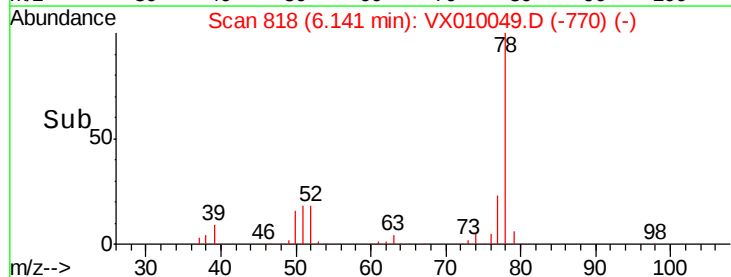
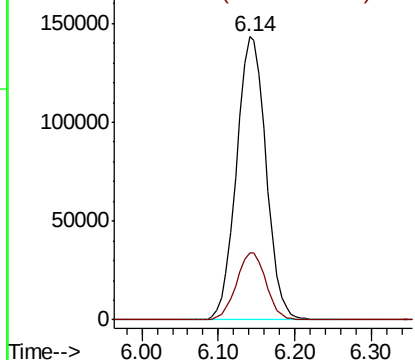


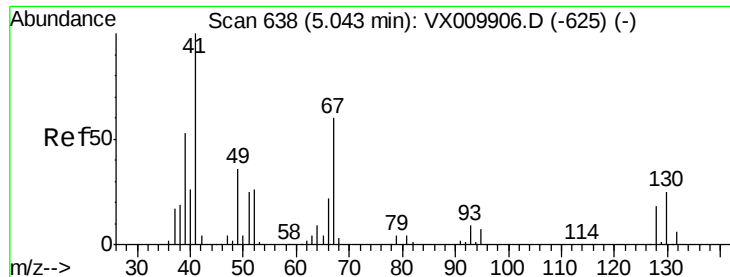
#40
Benzene
Concen: 48.117 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX010049.D
Acq: 03 Jun 2019 20:18

Tgt Ion: 78 Resp: 383981
Ion Ratio Lower Upper
78 100
77 23.8 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: 46.324 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

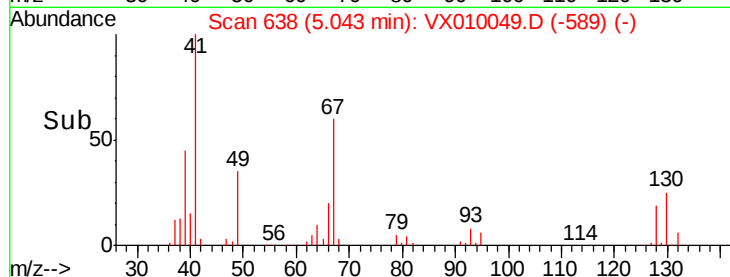
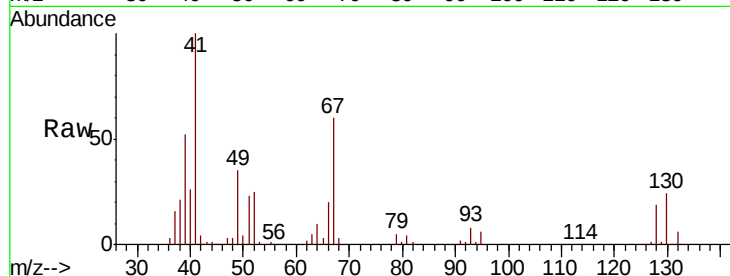
Lab File: VX010049.D

Acq: 03 Jun 2019 20:18

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 101464

Ion	Ratio	Lower	Upper
41	100		
39	53.4	42.2	63.4
67	62.4	48.9	73.3
52	25.7	20.1	30.1

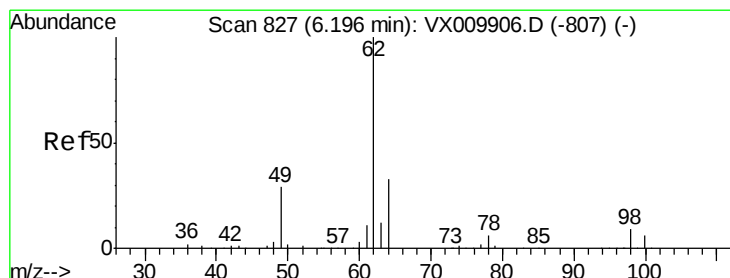


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 47.057 ug/l

RT: 6.19 min Scan# 826

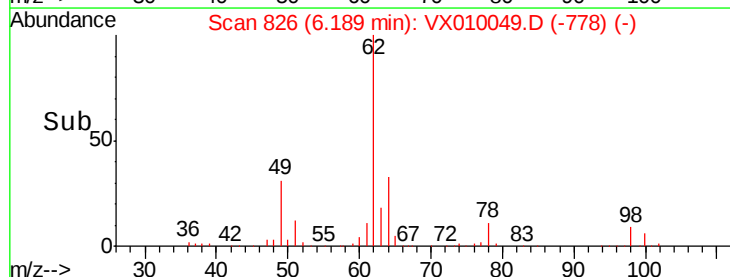
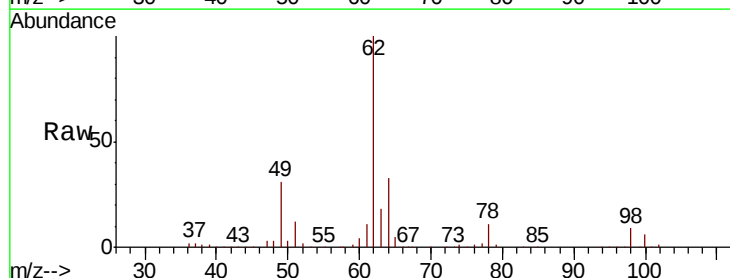
Delta R.T. -0.01 min

Lab File: VX010049.D

Acq: 03 Jun 2019 20:18

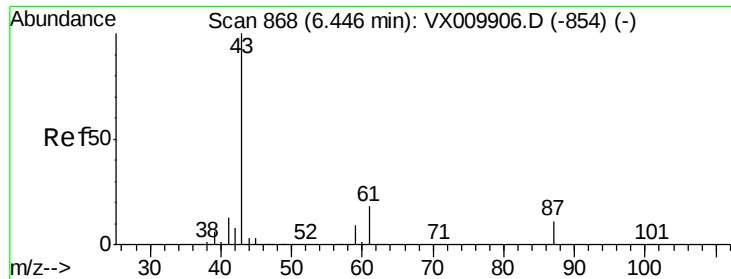
Tgt Ion: 62 Resp: 138829

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

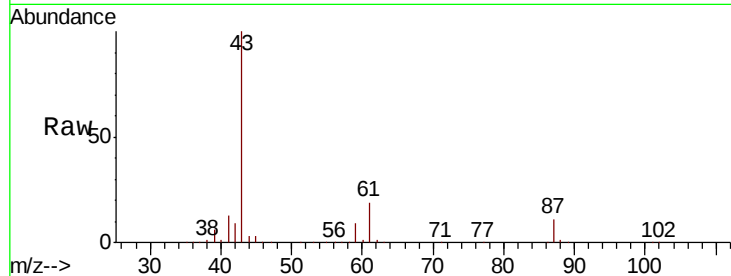


#43

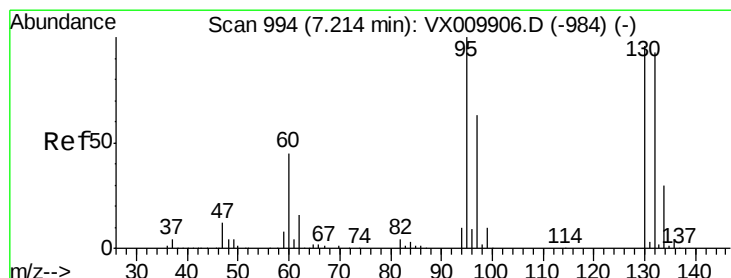
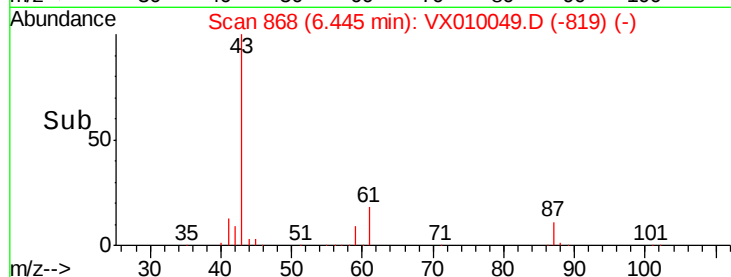
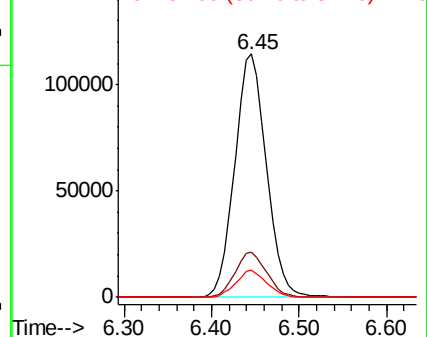
Isopropyl Acetate
 Concen: 47.492 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX010049.D
 Acq: 03 Jun 2019 20:18

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 43 Resp: 287241
 Ion Ratio Lower Upper
 43 100
 61 18.6 14.6 21.8
 87 10.9 8.7 13.1



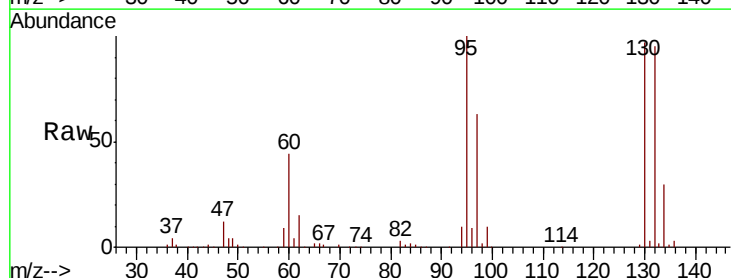
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



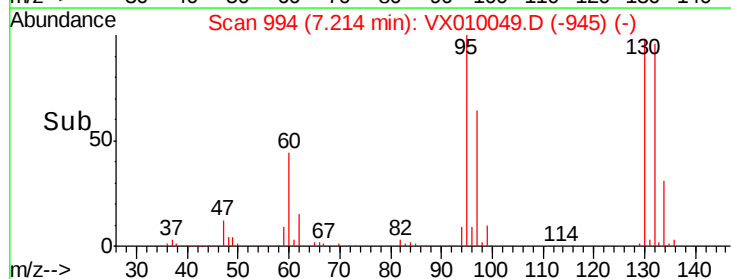
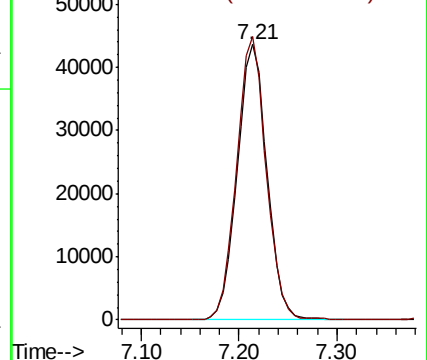
#44

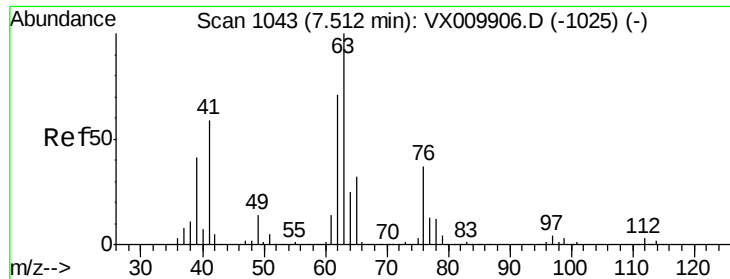
Trichloroethene
 Concen: 47.505 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX010049.D
 Acq: 03 Jun 2019 20:18

Tgt Ion:130 Resp: 92085
 Ion Ratio Lower Upper
 130 100
 95 102.7 0.0 207.4



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

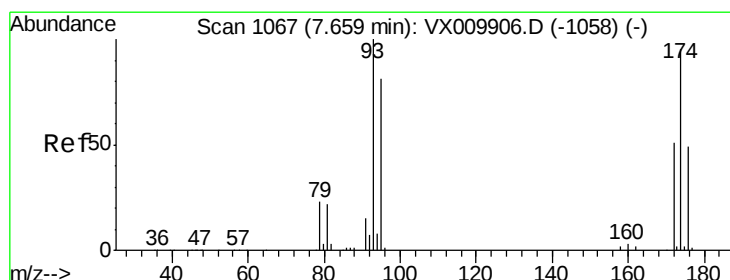
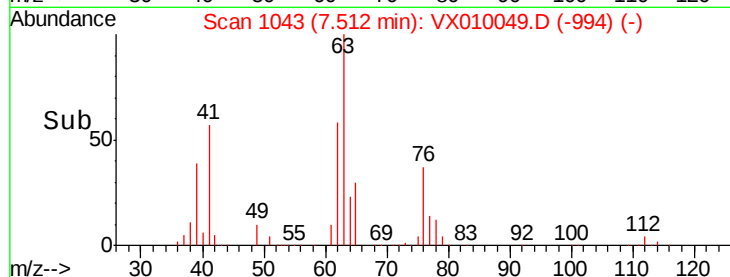
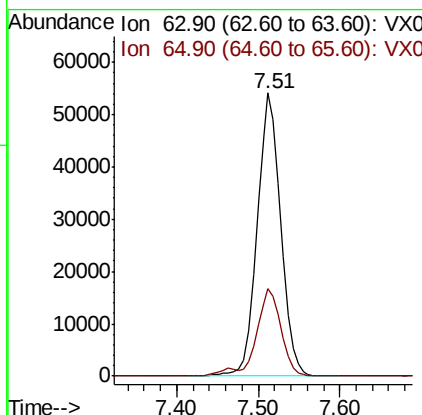
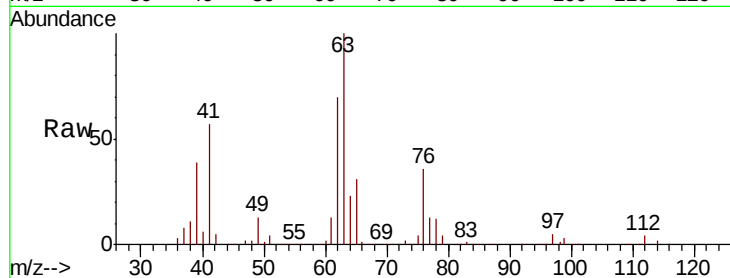




#45
 1,2-Dichloropropane
 Concen: 47.799 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX010049.D
 Acq: 03 Jun 2019 20:18

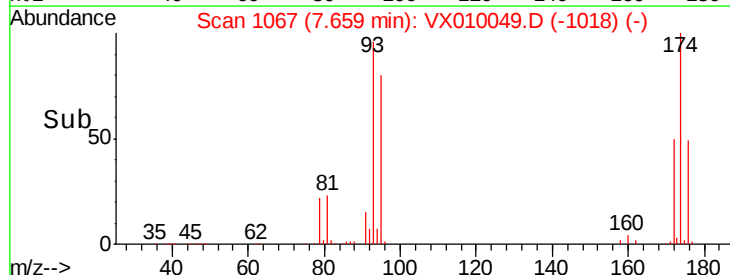
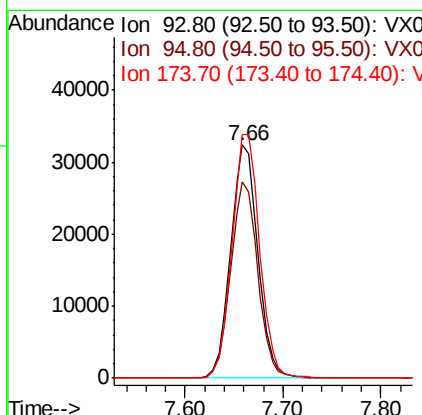
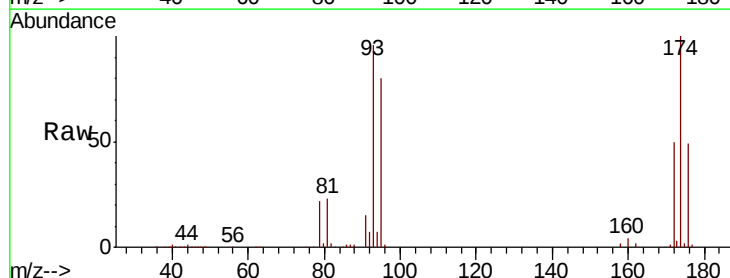
Instrument :
 MSVOA_X
 ClientSampleId :

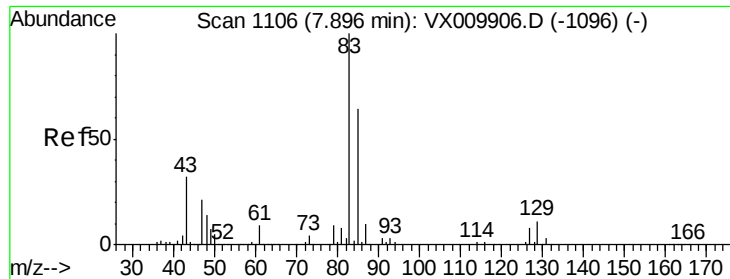
Tot Ion: 63 Resp: 109805
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.7 38.5



#46
 Dibromomethane
 Concen: 46.092 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX010049.D
 Acq: 03 Jun 2019 20:18

Tgt Ion: 93 Resp: 62326
 Ion Ratio Lower Upper
 93 100
 95 84.2 66.8 100.2
 174 106.6 81.9 122.9





#47

Bromodichloromethane

Concen: 48.821 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010049.D

Acq: 03 Jun 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

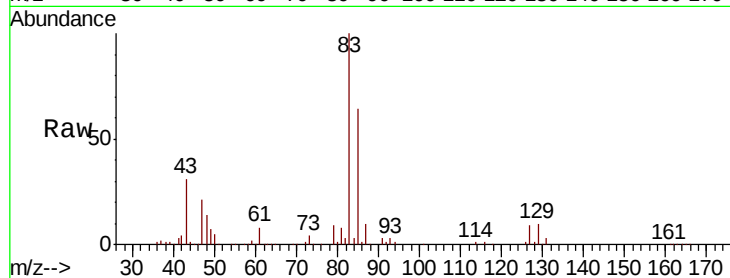
Tot Ion: 83 Resp: 125538

Ion Ratio Lower Upper

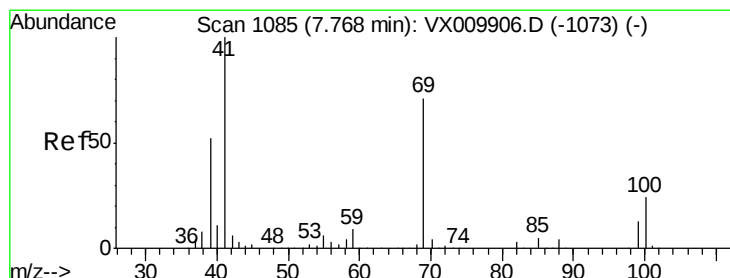
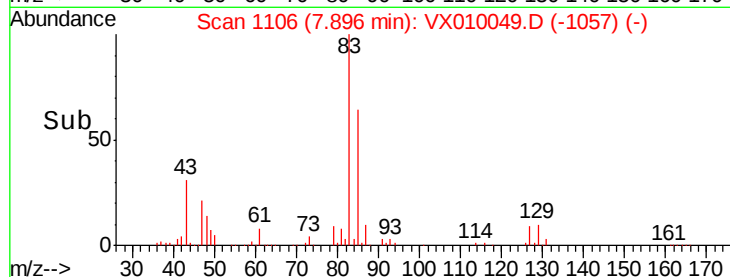
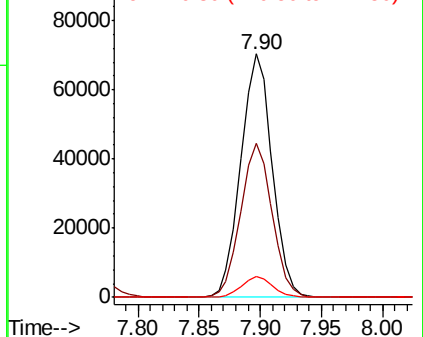
83 100

85 63.5 51.4 77.2

127 8.8 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: 48.422 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010049.D

Acq: 03 Jun 2019 20:18

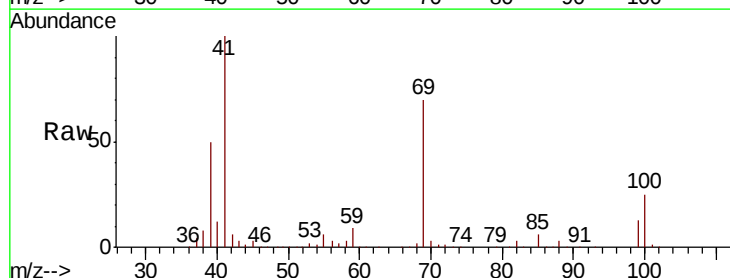
Tgt Ion: 41 Resp: 144977

Ion Ratio Lower Upper

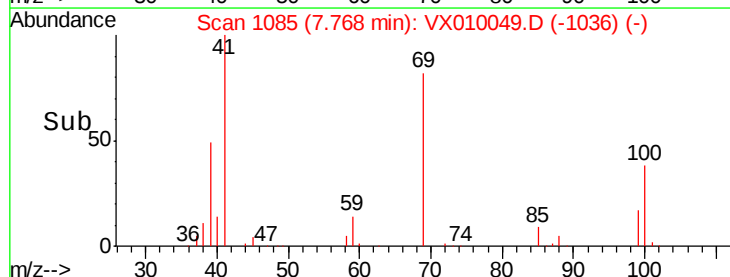
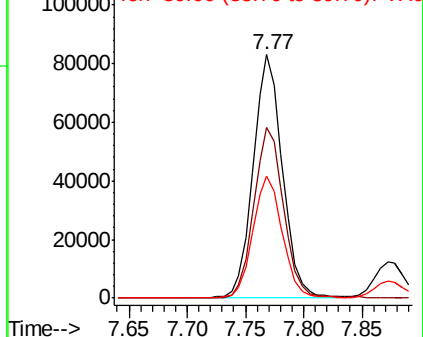
41 100

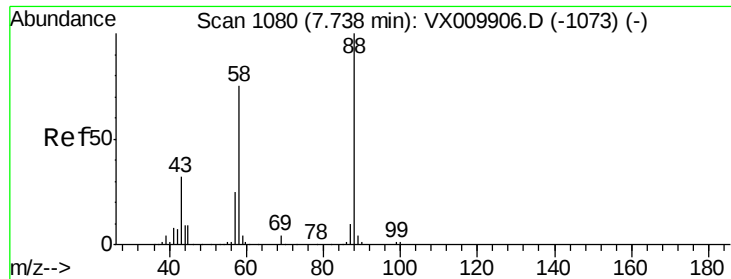
69 71.8 56.4 84.6

39 51.2 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

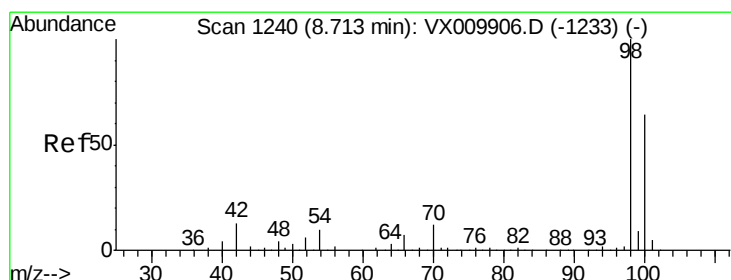
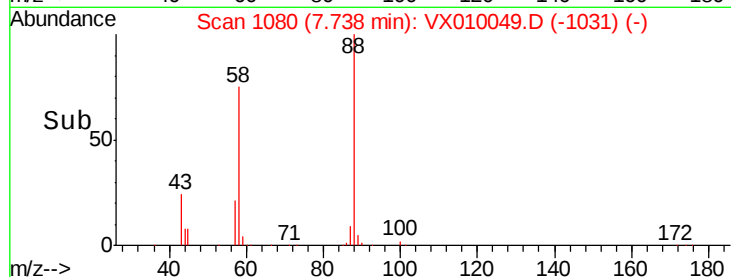
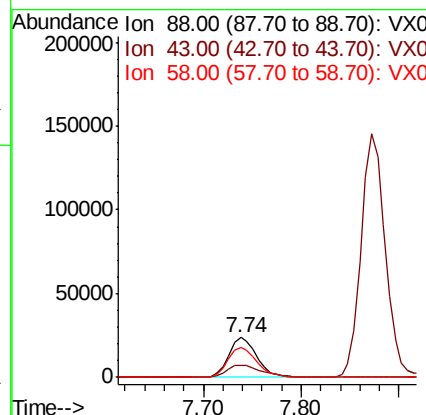
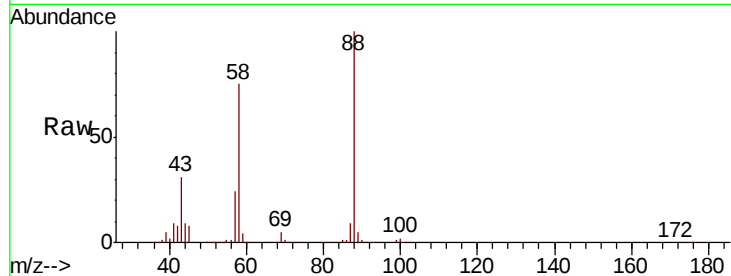




#49
 1,4-Dioxane
 Concen: 838.393 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX010049.D
 Acq: 03 Jun 2019 20:18

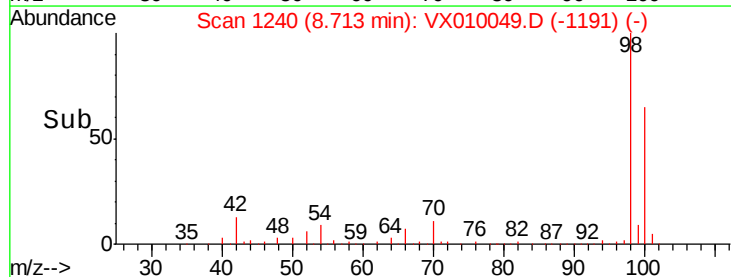
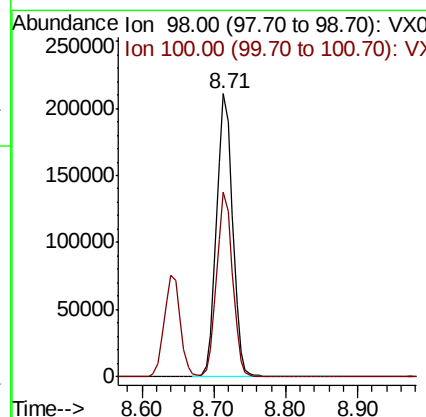
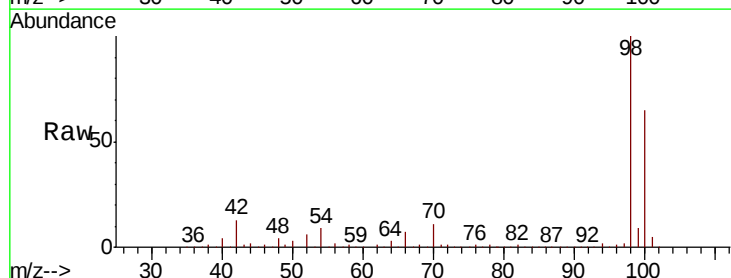
Instrument :
 MSVOA_X
 ClientSampleId :

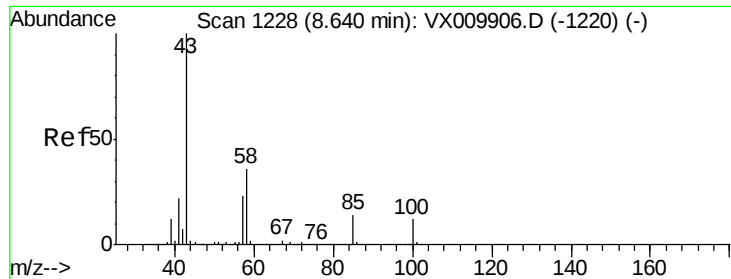
Tot Ion: 88 Resp: 46692
 Ion Ratio Lower Upper
 88 100
 43 37.9 30.2 45.4
 58 80.8 64.0 96.0



#50
 Toluene-d8
 Concen: 48.165 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX010049.D
 Acq: 03 Jun 2019 20:18

Tgt Ion: 98 Resp: 326030
 Ion Ratio Lower Upper
 98 100
 100 64.8 51.5 77.3

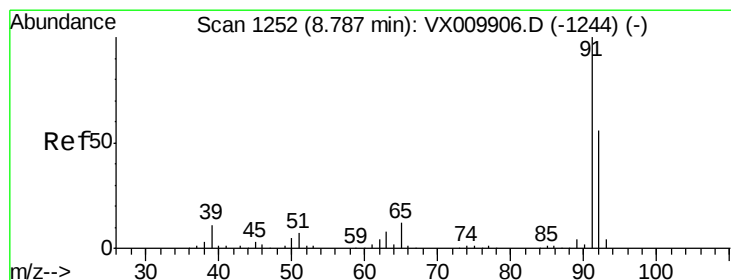
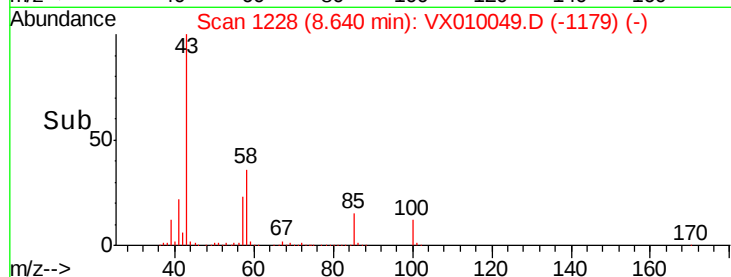
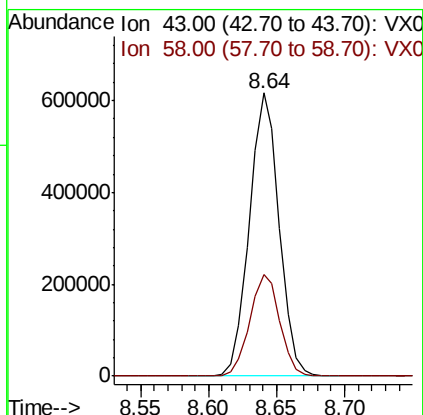
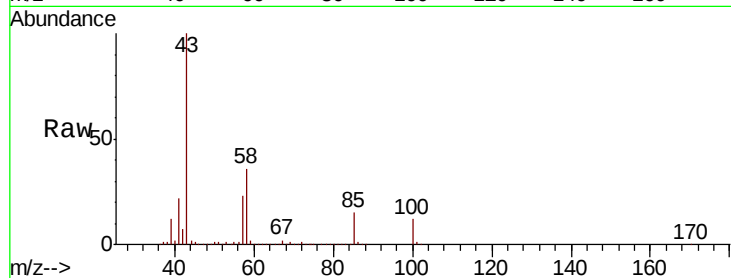




#51
4-Methyl-2-Pentanone
Concen: 240.402 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX010049.D
Acq: 03 Jun 2019 20:18

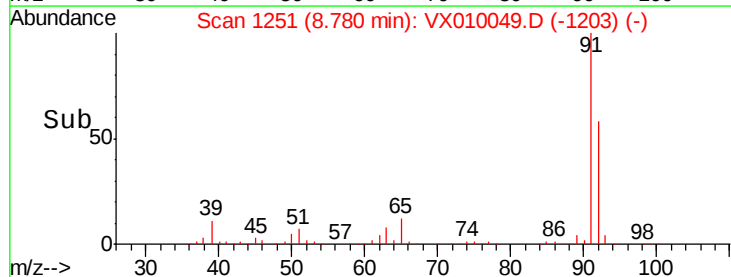
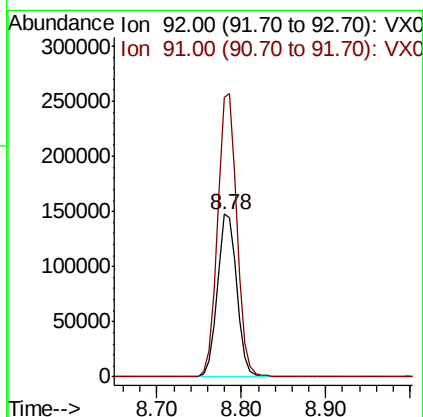
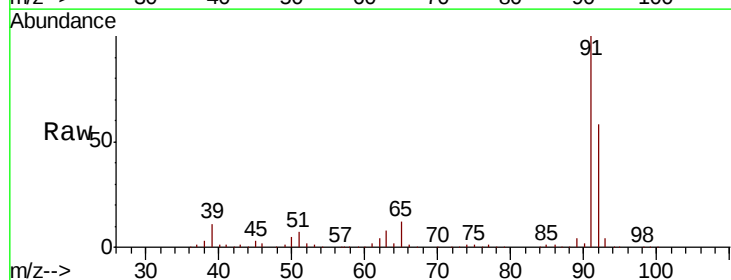
Instrument :
MSVOA_X
ClientSampleId :

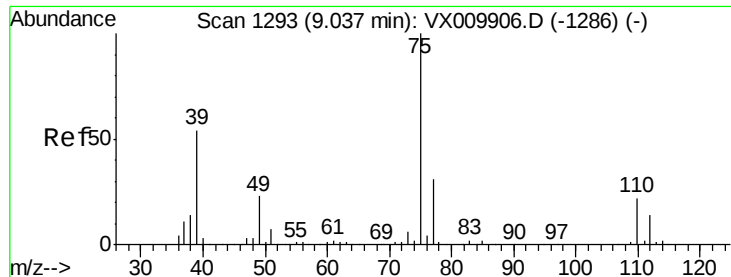
Tot Ion: 43 Resp: 945840
Ion Ratio Lower Upper
43 100
58 36.3 28.8 43.2



#52
Toluene
Concen: 48.661 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX010049.D
Acq: 03 Jun 2019 20:18

Tgt Ion: 92 Resp: 235778
Ion Ratio Lower Upper
92 100
91 173.3 139.9 209.9





#53

t-1,3-Dichloropropene

Concen: 48.233 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX010049.D

Acq: 03 Jun 2019 20:18

Instrument :

MSVOA_X

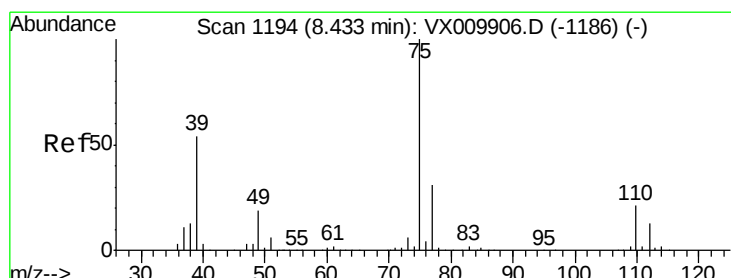
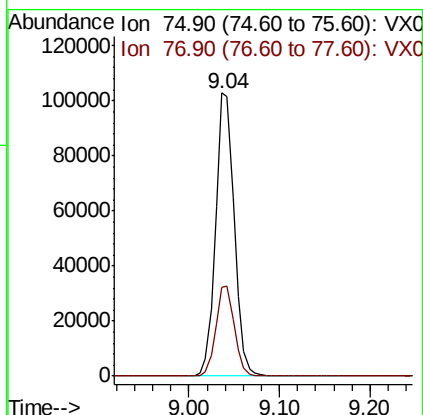
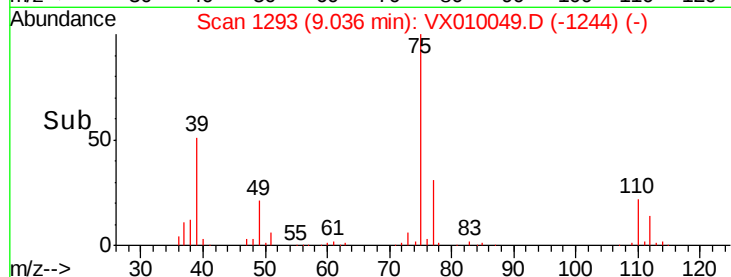
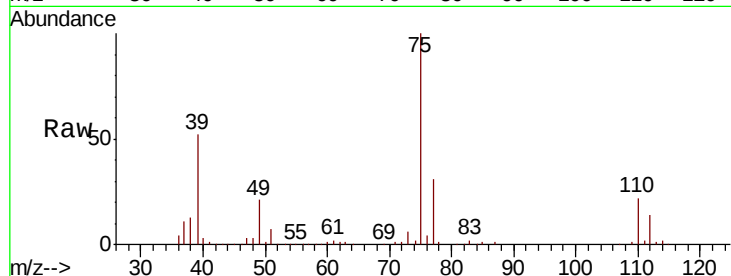
ClientSampled :

Tot Ion: 75 Resp: 148743

Ion Ratio Lower Upper

75 100

77 31.2 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 48.724 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010049.D

Acq: 03 Jun 2019 20:18

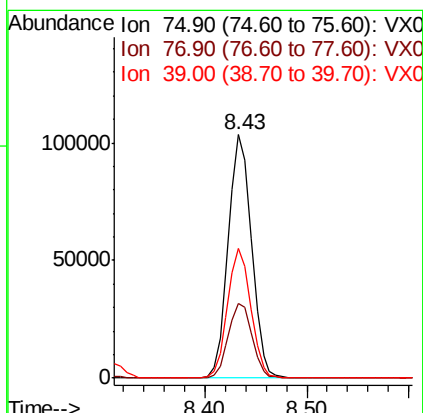
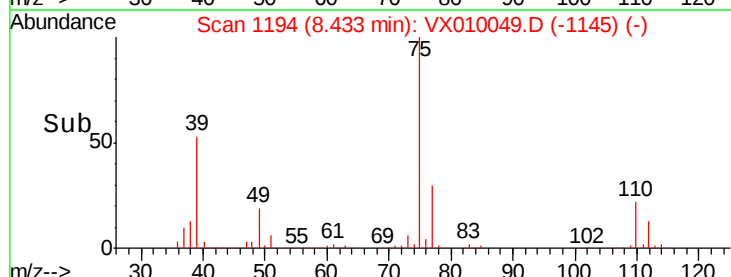
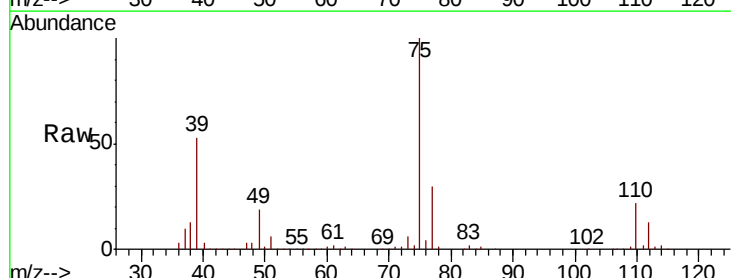
Tgt Ion: 75 Resp: 163714

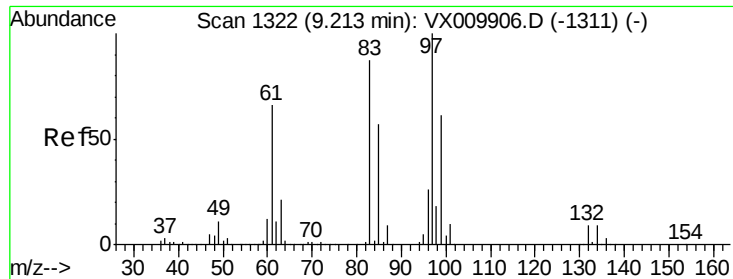
Ion Ratio Lower Upper

75 100

77 30.5 24.8 37.2

39 53.1 43.4 65.0

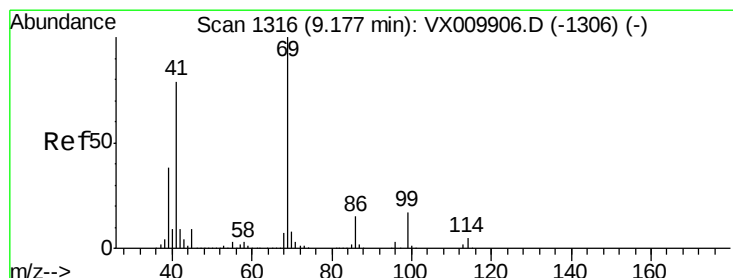
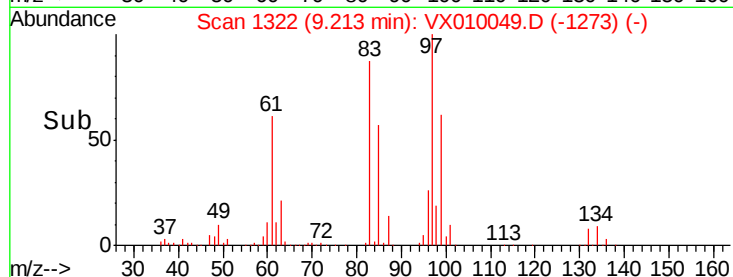
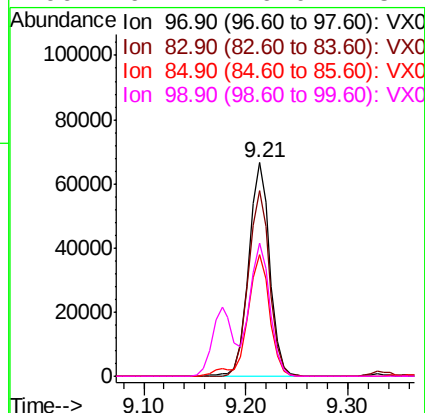
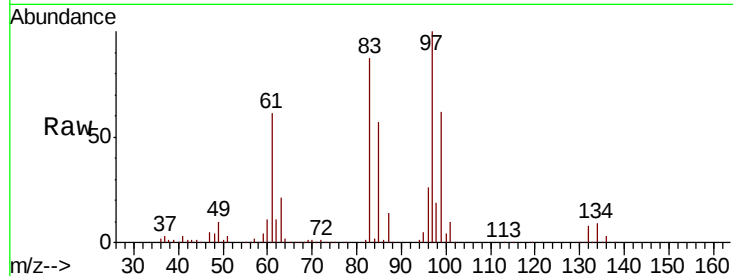




#55
 1,1,2-Trichloroethane
 Concen: 48.894 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010049.D
 Acq: 03 Jun 2019 20:18

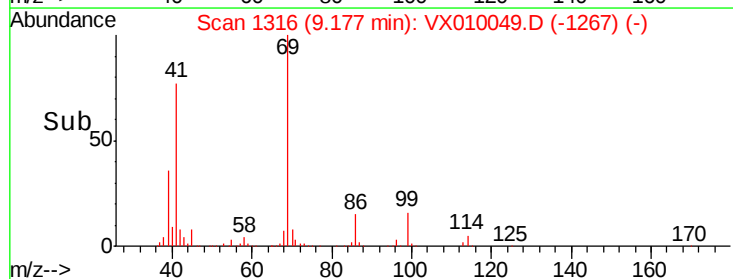
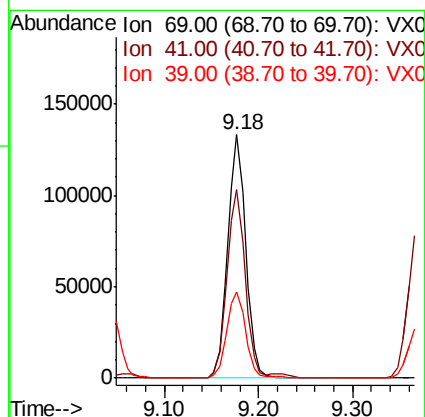
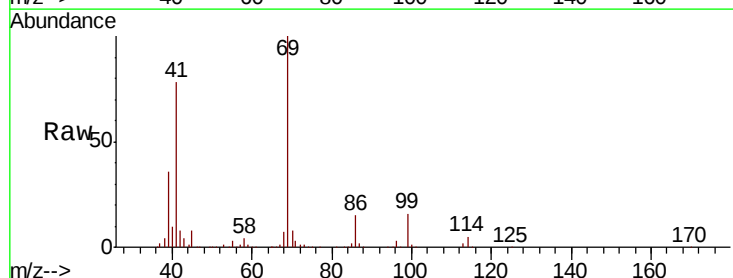
Instrument :
 MSVOA_X
 ClientSampled :

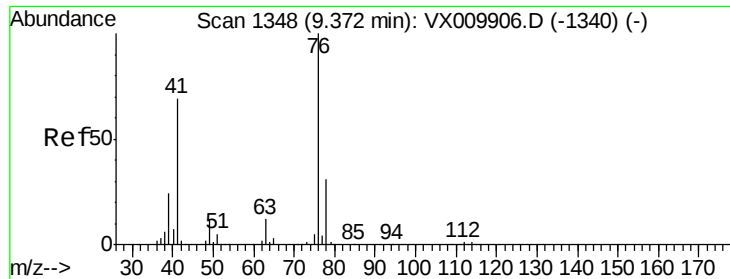
Tot Ion:	97	Resp:	95351
Ion	Ratio	Lower	Upper
97	100		
83	87.1	69.8	104.8
85	57.0	45.3	67.9
99	62.4	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 51.046 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010049.D
 Acq: 03 Jun 2019 20:18

Tgt Ion:	69	Resp:	177225
Ion	Ratio	Lower	Upper
69	100		
41	77.4	62.7	94.1
39	37.3	29.5	44.3





#57

1,3-Dichloropropane

Concen: 48.102 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX010049.D

Acq: 03 Jun 2019 20:18

Instrument :

MSVOA_X

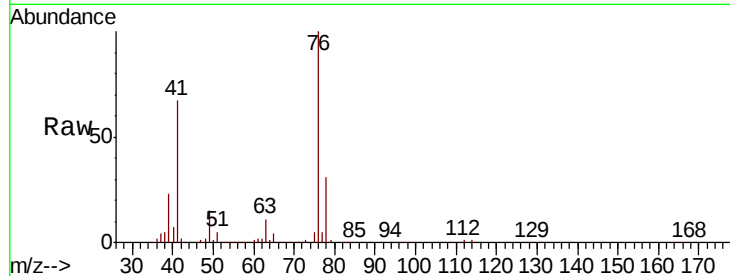
ClientSampleId :

Tot Ion: 76 Resp: 168465

Ion Ratio Lower Upper

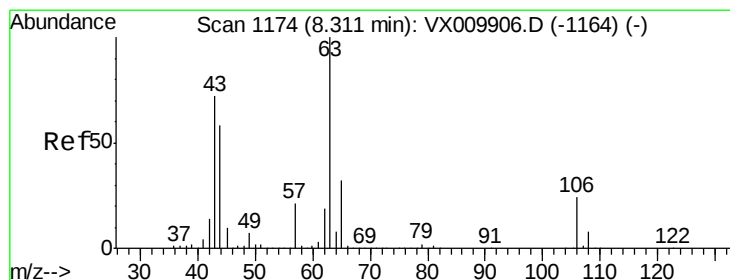
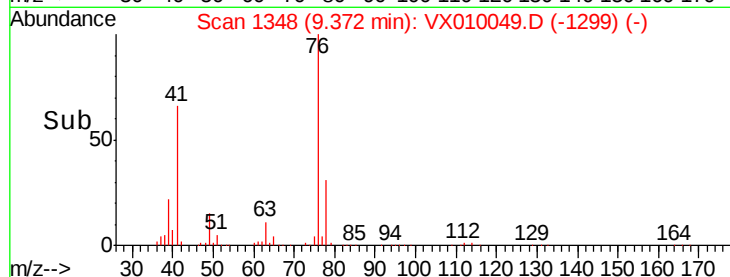
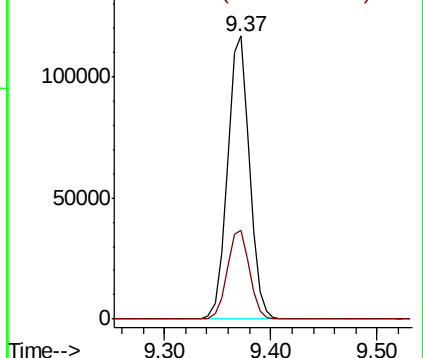
76 100

78 31.8 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 243.571 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010049.D

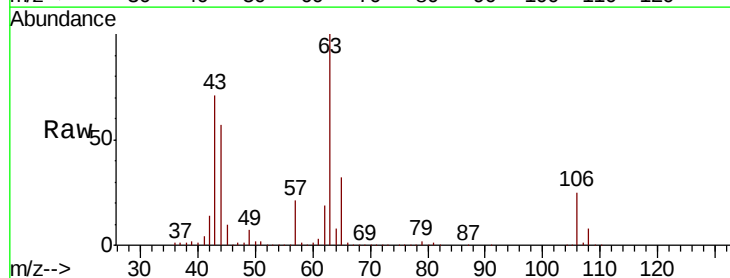
Acq: 03 Jun 2019 20:18

Tgt Ion: 63 Resp: 443438

Ion Ratio Lower Upper

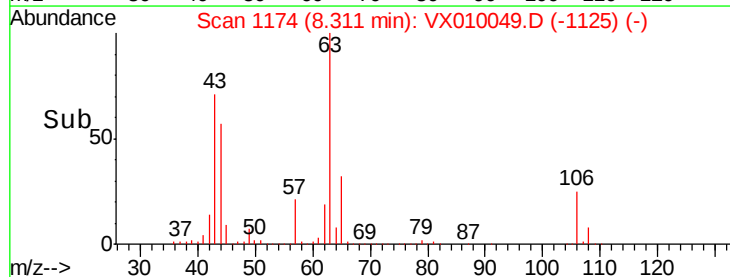
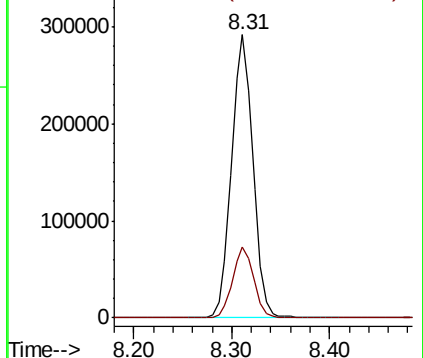
63 100

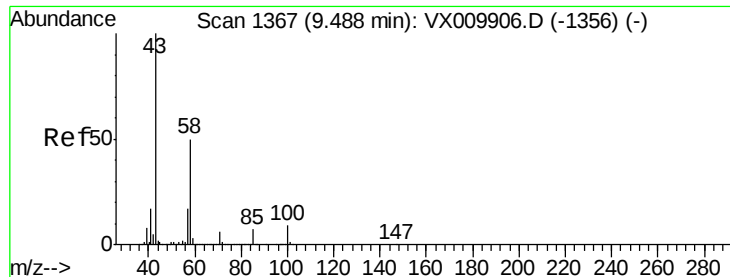
106 24.7 19.4 29.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

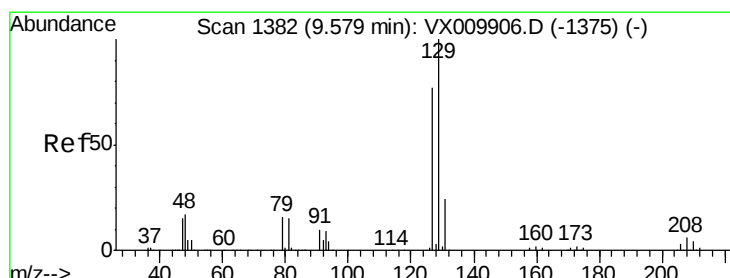
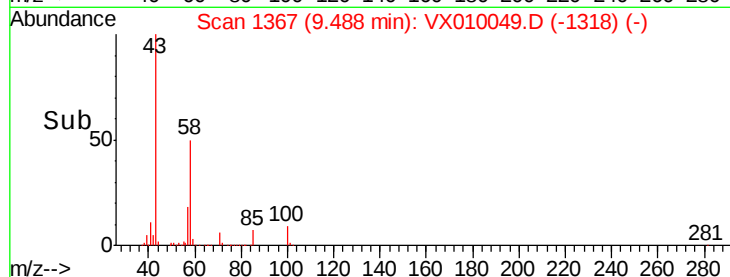
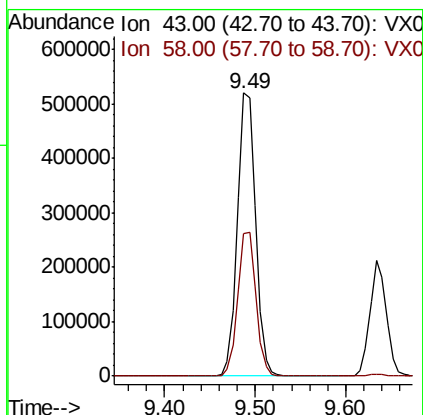
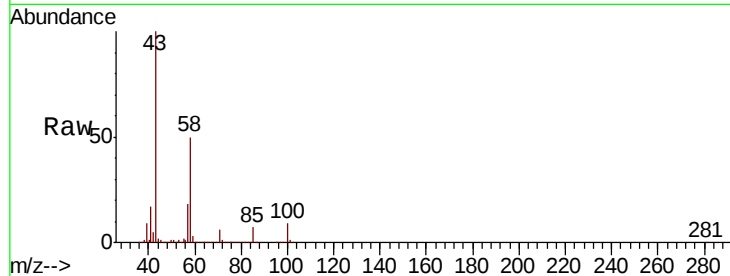




#59
2-Hexanone
Concen: 240.237 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010049.D
Acq: 03 Jun 2019 20:18

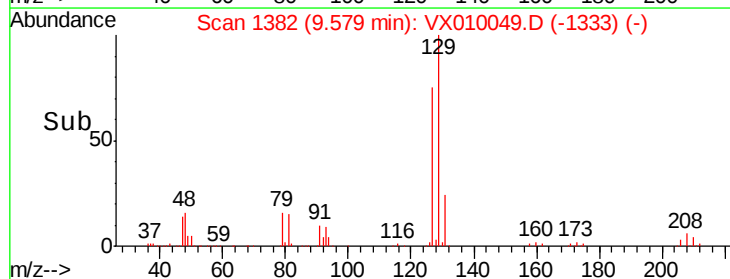
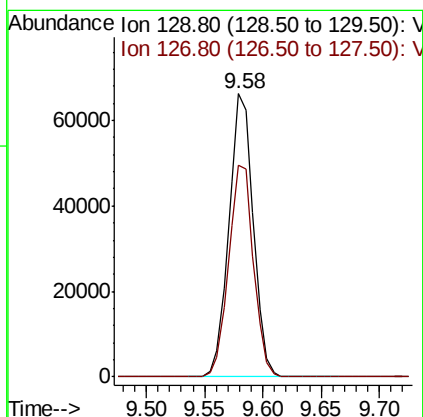
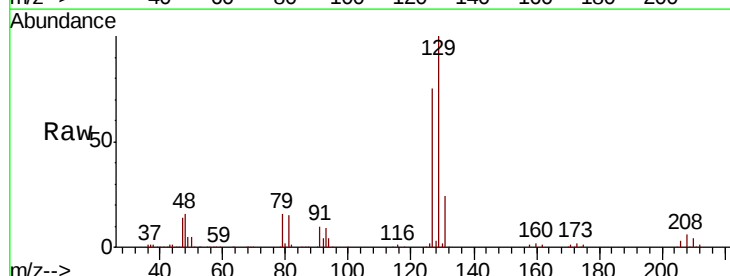
Instrument :
MSVOA_X
ClientSampled :

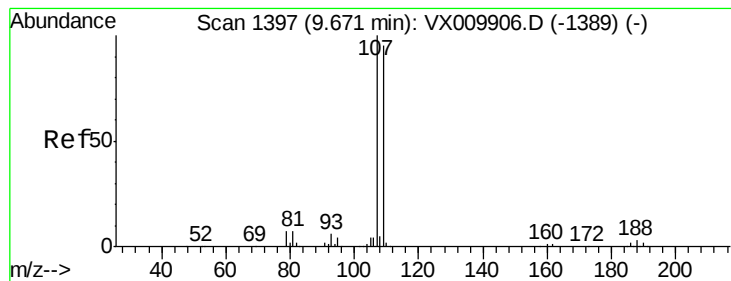
Tot Ion: 43 Resp: 727707
Ion Ratio Lower Upper
43 100
58 50.9 25.1 75.3



#60
Dibromochloromethane
Concen: 50.109 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010049.D
Acq: 03 Jun 2019 20:18

Tgt Ion:129 Resp: 96128
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 49.132 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010049.D

Acq: 03 Jun 2019 20:18

Instrument :

MSVOA_X

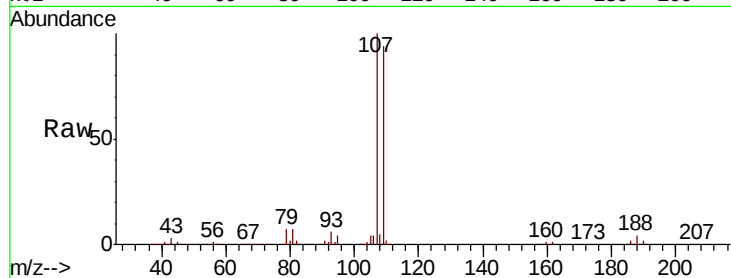
ClientSampleId :

Tot Ion:107 Resp: 98436

Ion Ratio Lower Upper

107 100

109 94.3 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

80000

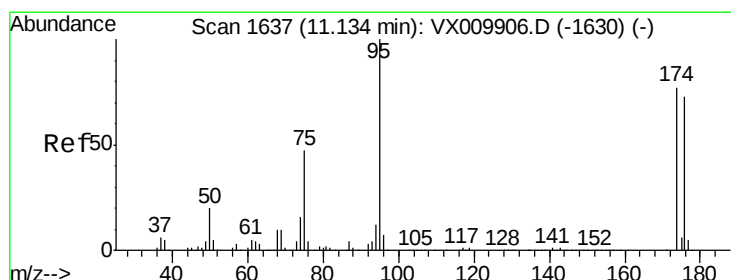
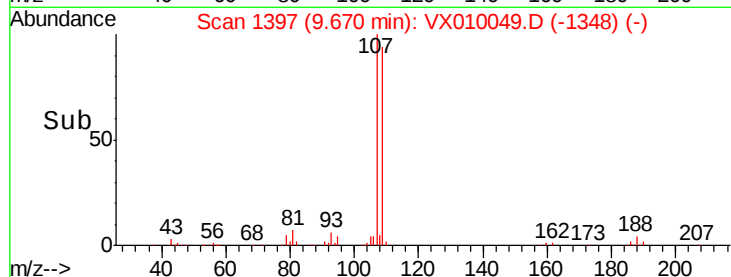
60000

40000

20000

0

Time--> 9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 50.073 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010049.D

Acq: 03 Jun 2019 20:18

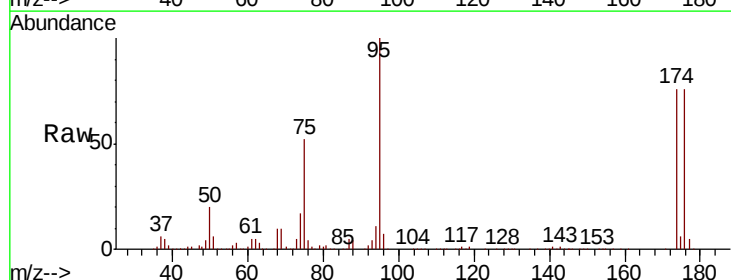
Tgt Ion: 95 Resp: 121744

Ion Ratio Lower Upper

95 100

174 82.7 0.0 160.4

176 81.1 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

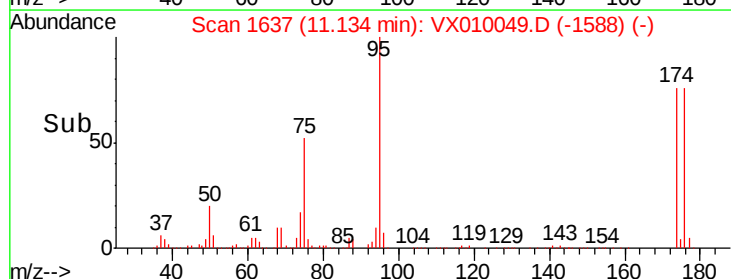
Ion 175.80 (175.50 to 176.50): V

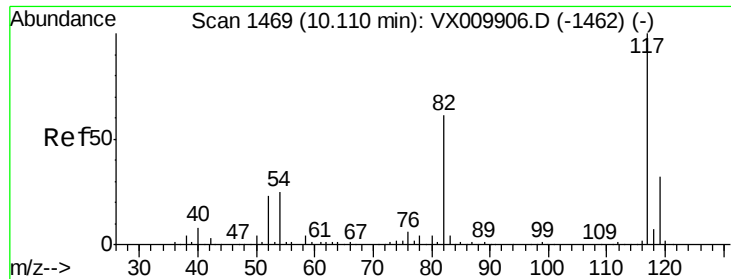
100000

50000

0

Time--> 11.10 11.20

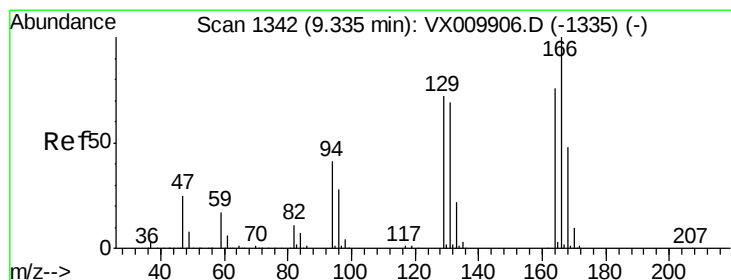
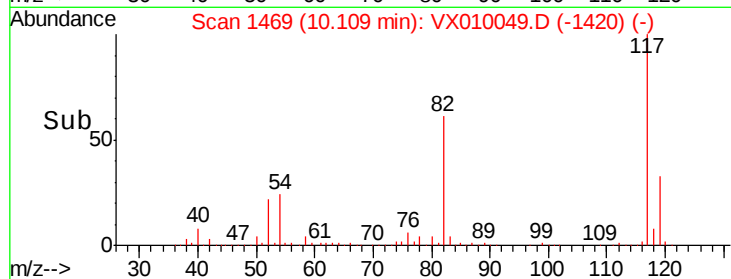
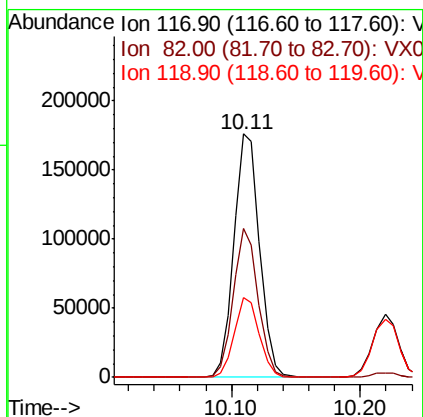
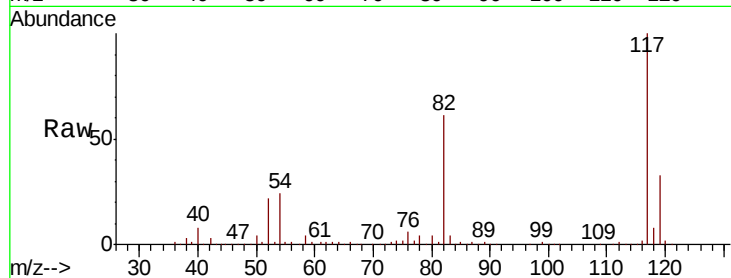




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010049.D
Acq: 03 Jun 2019 20:18

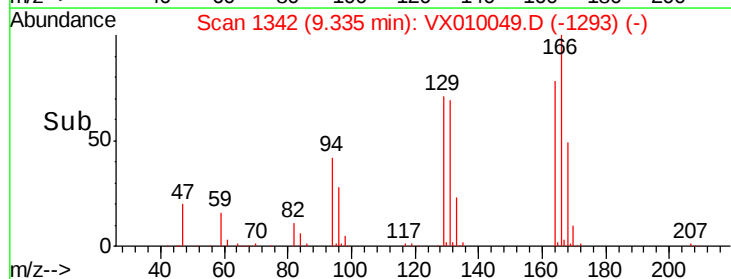
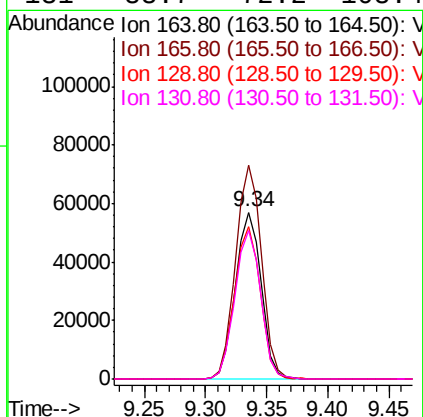
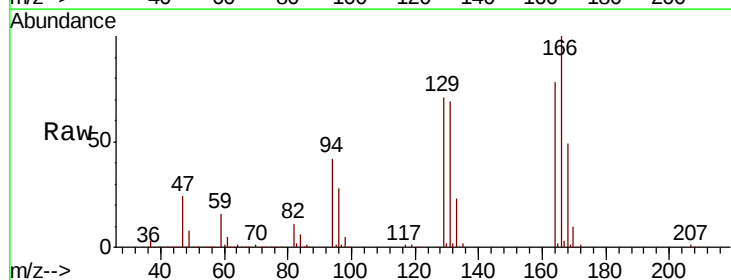
Instrument :
MSVOA_X
ClientSampled :

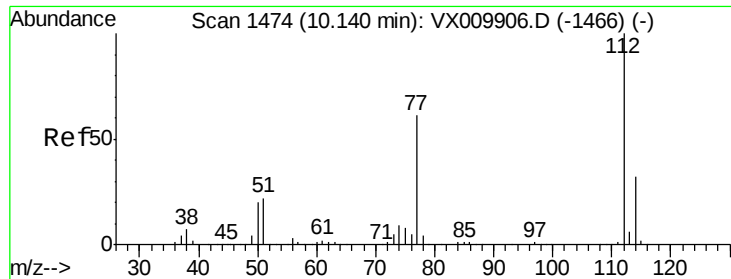
Tot Ion:117 Resp: 244467
Ion Ratio Lower Upper
117 100
82 61.2 49.2 73.8
119 32.6 25.2 37.8



#64
Tetrachloroethene
Concen: 48.330 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010049.D
Acq: 03 Jun 2019 20:18

Tgt Ion:164 Resp: 82528
Ion Ratio Lower Upper
164 100
166 127.9 105.0 157.4
129 90.9 75.1 112.7
131 88.7 72.2 108.4

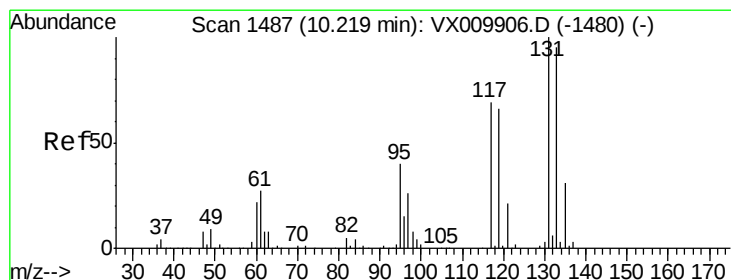
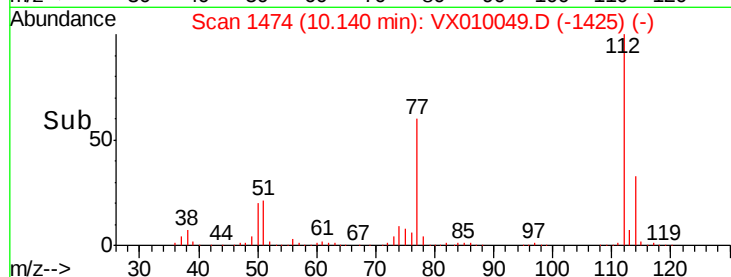
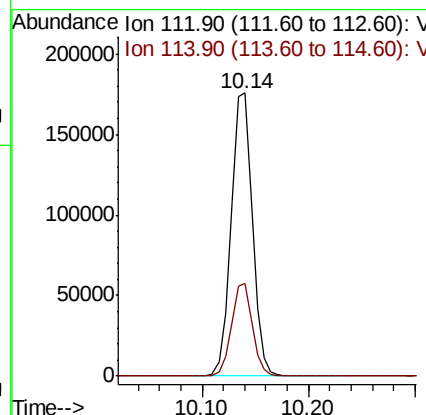
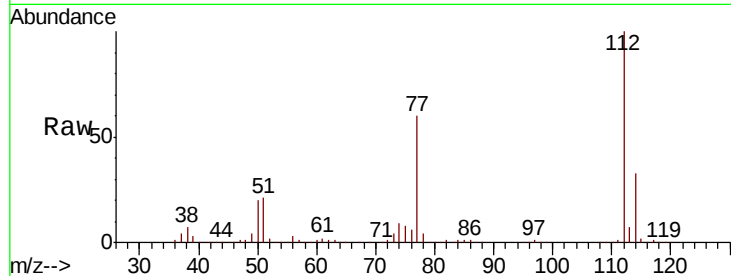




#65
Chlorobenzene
Concen: 48.332 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX010049.D
Acq: 03 Jun 2019 20:18

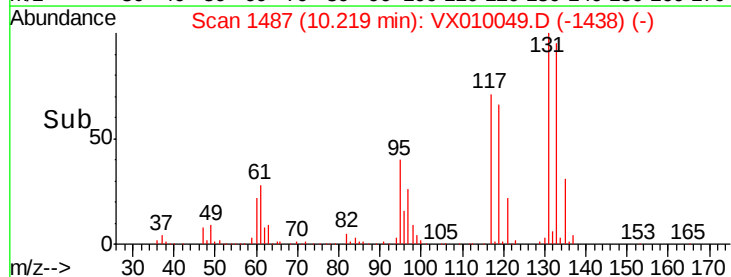
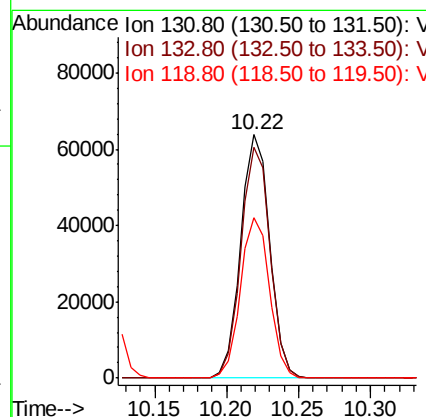
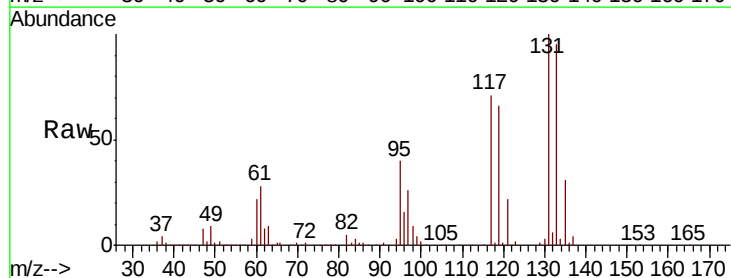
Instrument :
MSVOA_X
ClientSampleId :

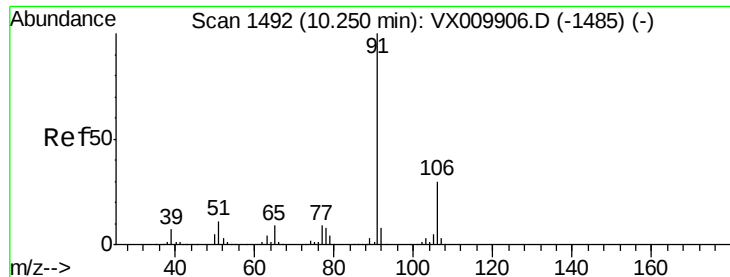
Tot Ion:112 Resp: 247358
Ion Ratio Lower Upper
112 100
114 32.8 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.334 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010049.D
Acq: 03 Jun 2019 20:18

Tgt Ion:131 Resp: 89348
Ion Ratio Lower Upper
131 100
133 95.3 47.5 142.6
119 66.3 33.4 100.1

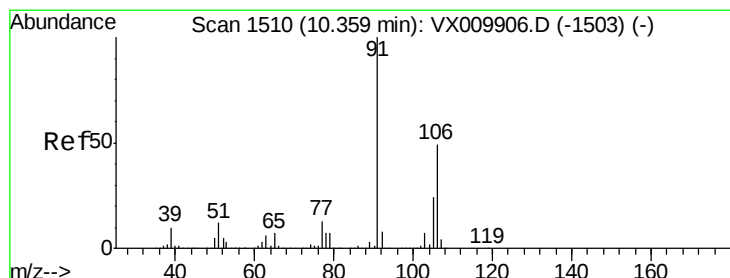
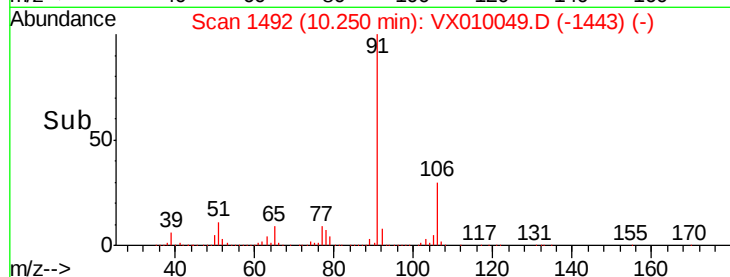
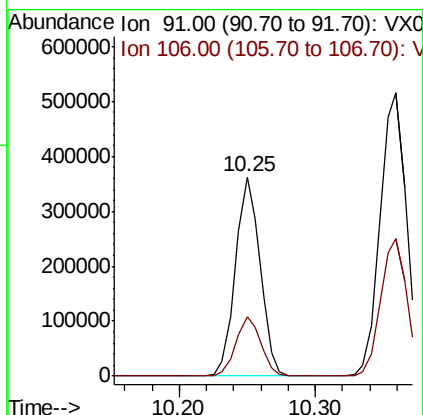
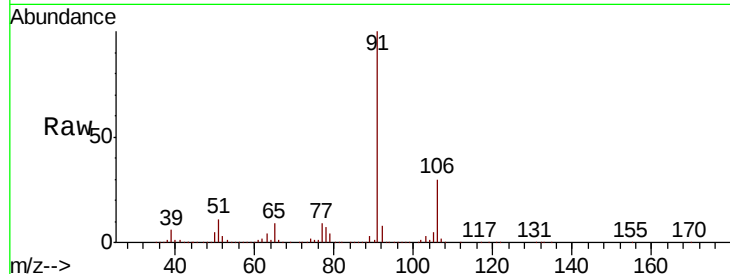




#67
Ethyl Benzene
Concen: 49.940 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010049.D
Acq: 03 Jun 2019 20:18

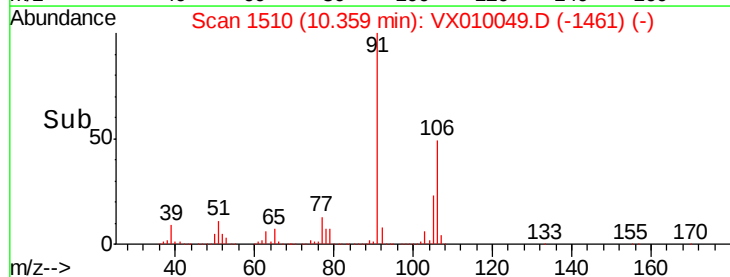
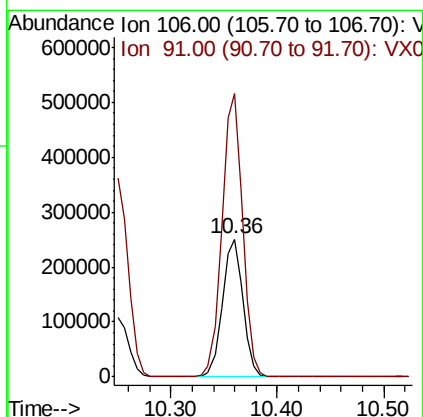
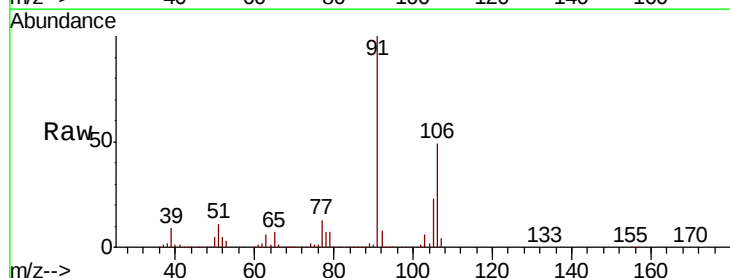
Instrument :
MSVOA_X
ClientSampled :

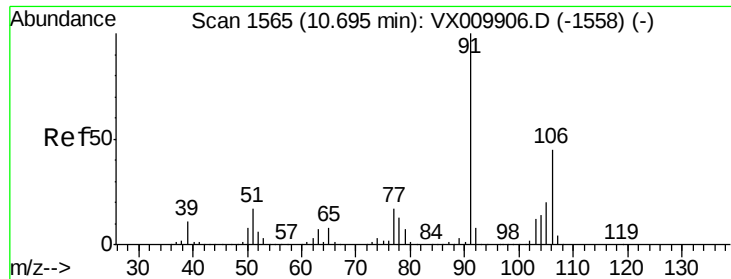
Tot Ion: 91 Resp: 458916
Ion Ratio Lower Upper
91 100
106 29.7 23.9 35.9



#68
m/p-Xylenes
Concen: 99.120 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010049.D
Acq: 03 Jun 2019 20:18

Tgt Ion: 106 Resp: 336501
Ion Ratio Lower Upper
106 100
91 206.6 167.3 250.9

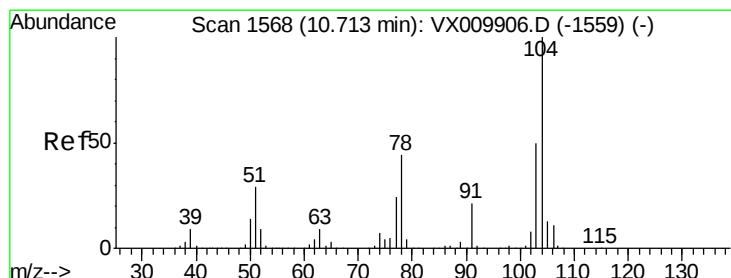
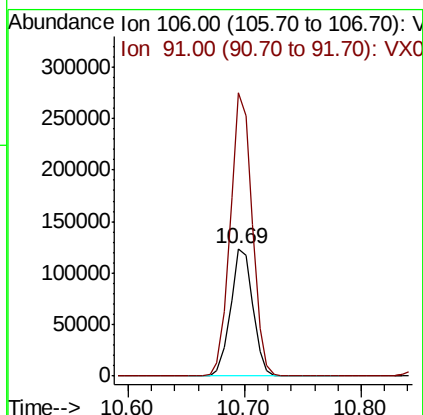
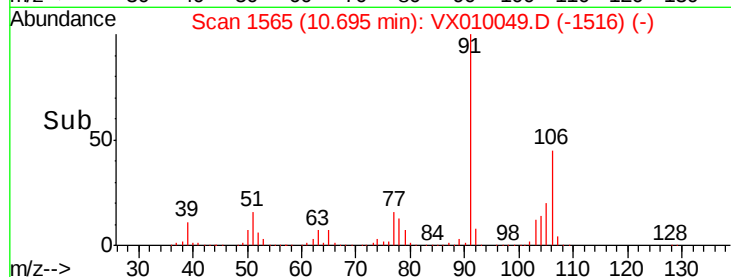
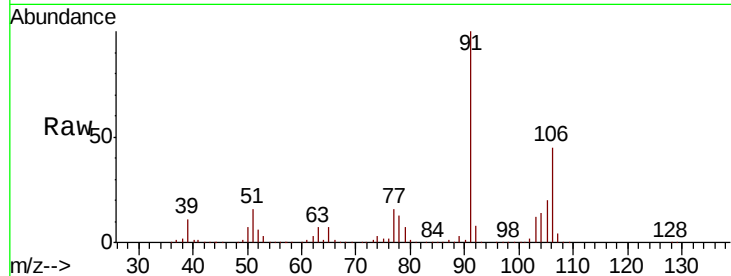




#69
o-Xylene
Concen: 50.531 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010049.D
Acq: 03 Jun 2019 20:18

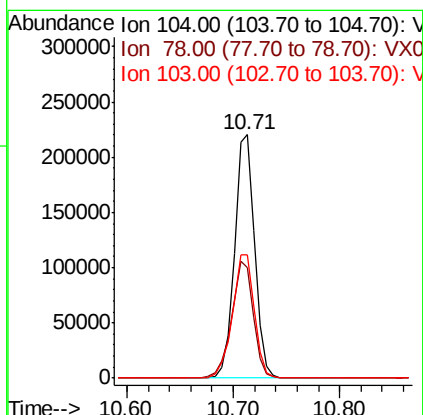
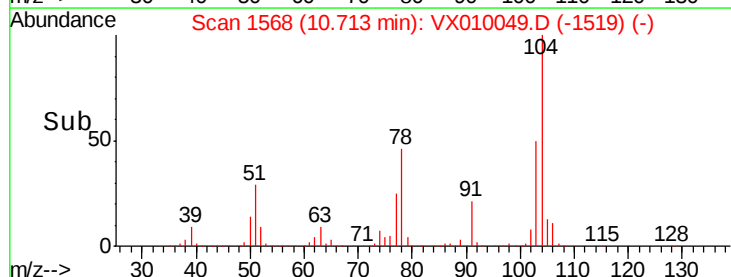
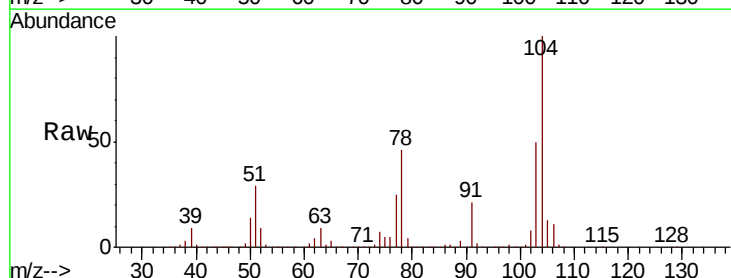
Instrument :
MSVOA_X
ClientSampleId :

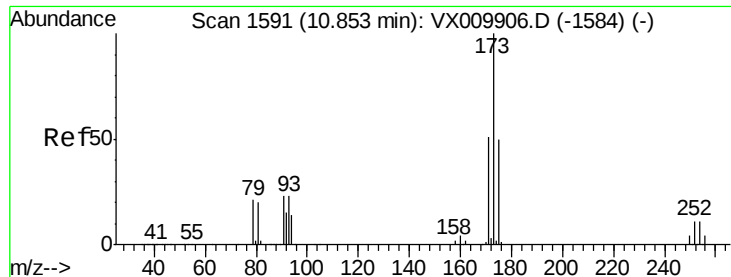
Tot Ion:106 Resp: 164520
Ion Ratio Lower Upper
106 100
91 218.7 110.4 331.2



#70
Styrene
Concen: 50.941 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010049.D
Acq: 03 Jun 2019 20:18

Tgt Ion:104 Resp: 290829
Ion Ratio Lower Upper
104 100
78 52.1 42.1 63.1
103 55.6 44.1 66.1





#71

Bromoform

Concen: 50.472 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010049.D

Acq: 03 Jun 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

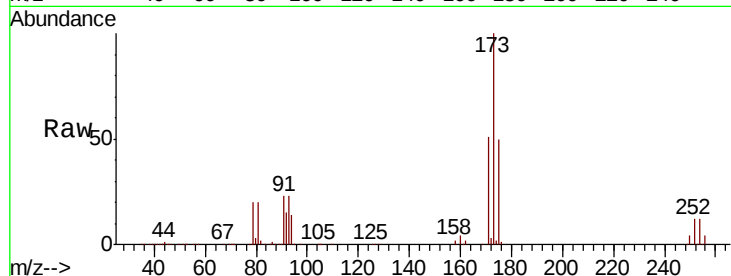
Tot Ion:173 Resp: 73235

Ion Ratio Lower Upper

173 100

175 50.0 25.0 75.0

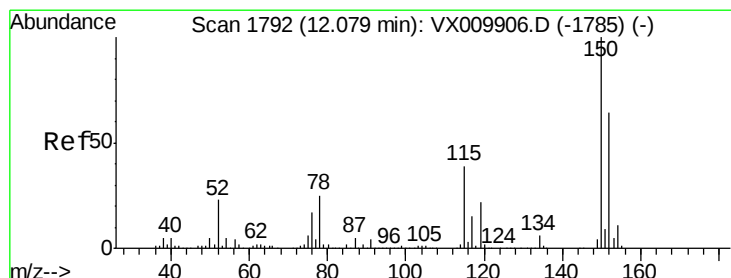
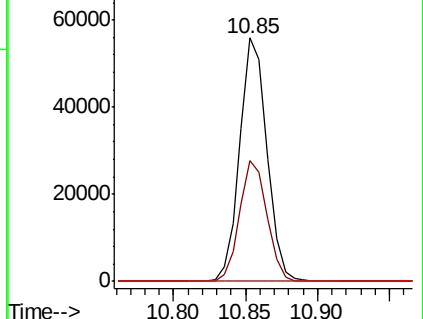
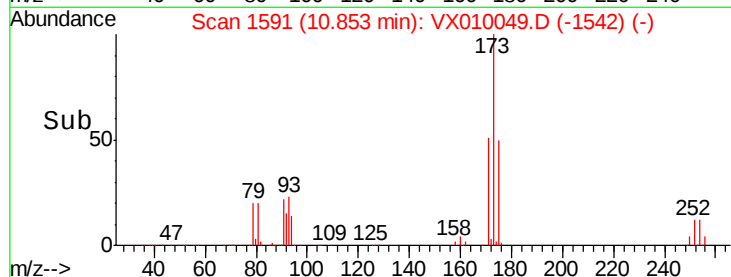
254 0.2 0.2 0.2#



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: VX010049.D

Acq: 03 Jun 2019 20:18

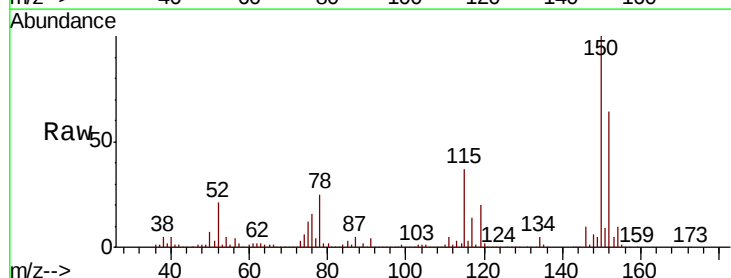
Tgt Ion:152 Resp: 123268

Ion Ratio Lower Upper

152 100

115 80.7 41.4 124.2

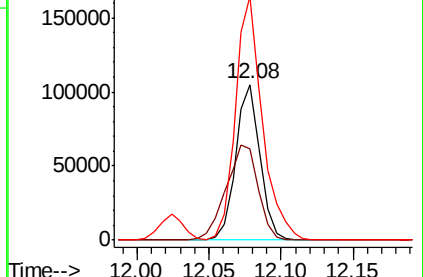
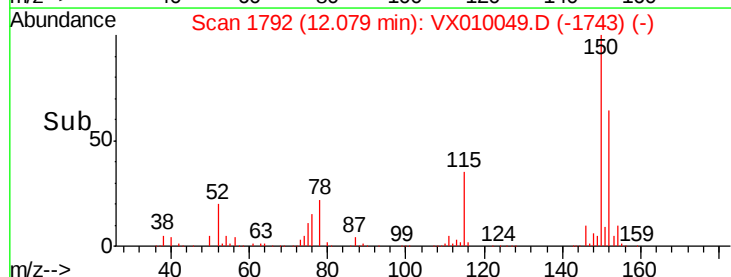
150 172.9 0.0 345.2

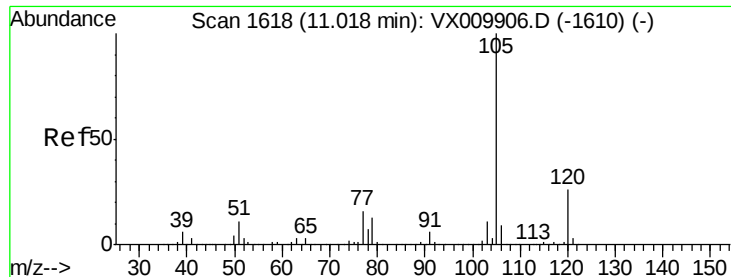


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.223 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010049.D

Acq: 03 Jun 2019 20:18

Instrument :

MSVOA_X

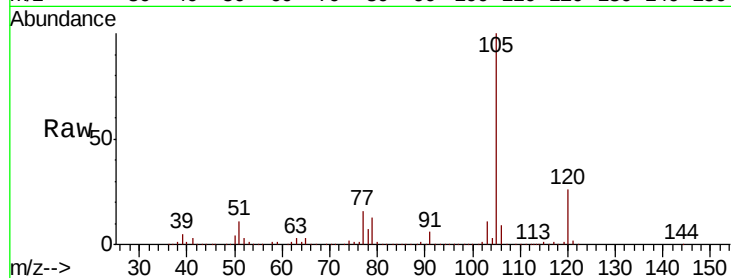
ClientSampleId :

Tot Ion:105 Resp: 438588

Ion Ratio Lower Upper

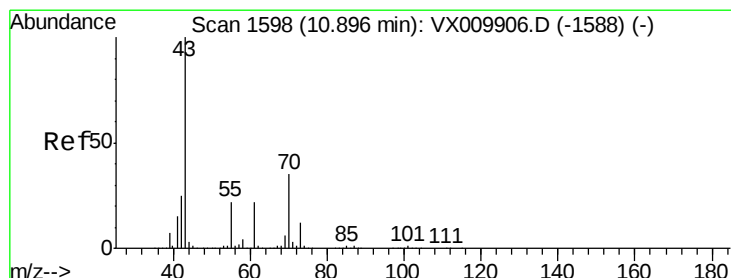
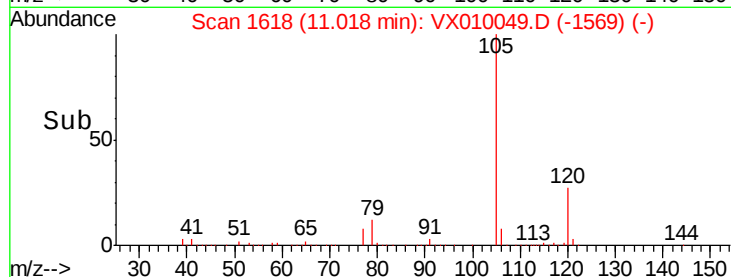
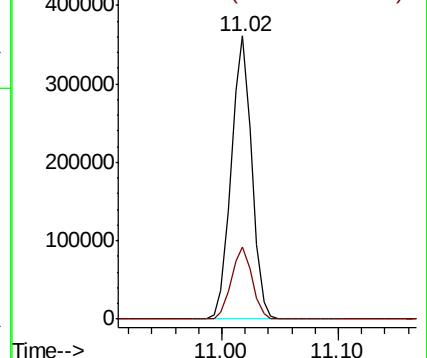
105 100

120 25.9 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.993 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010049.D

Acq: 03 Jun 2019 20:18

Tgt Ion: 43 Resp: 266262

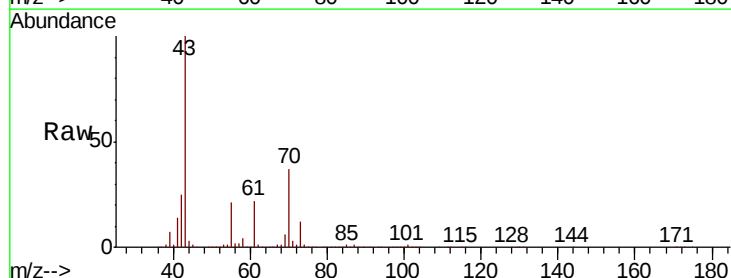
Ion Ratio Lower Upper

43 100

70 36.8 28.6 43.0

55 21.8 17.8 26.8

61 22.1 17.7 26.5

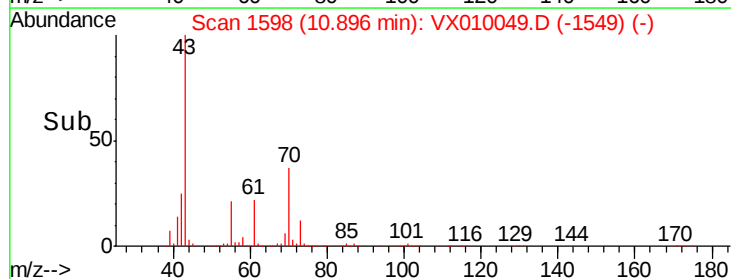
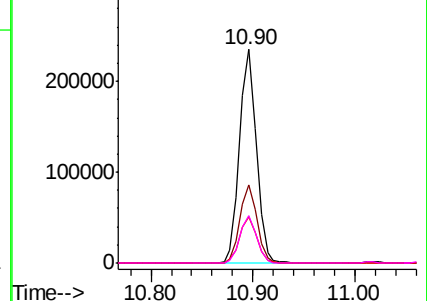


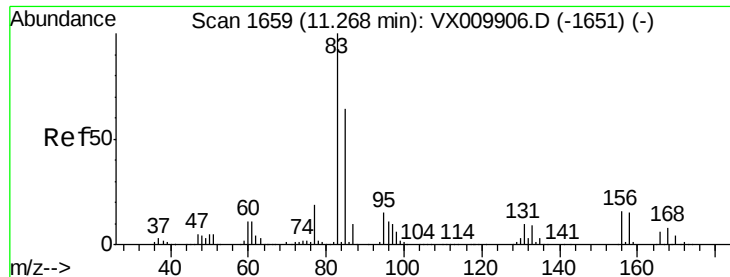
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 47.206 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010049.D

Acq: 03 Jun 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

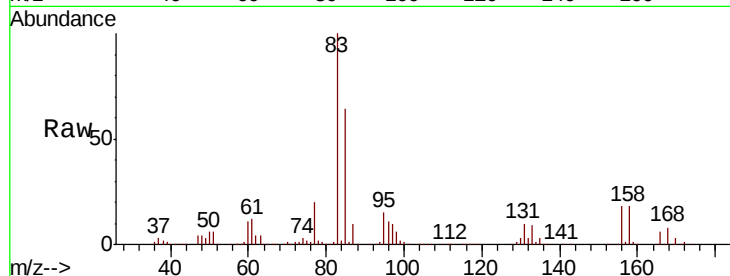
Tot Ion: 83 Resp: 160173

Ion Ratio Lower Upper

83 100

131 9.4 4.7 14.1

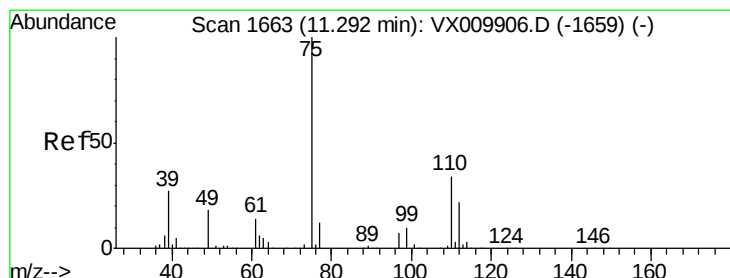
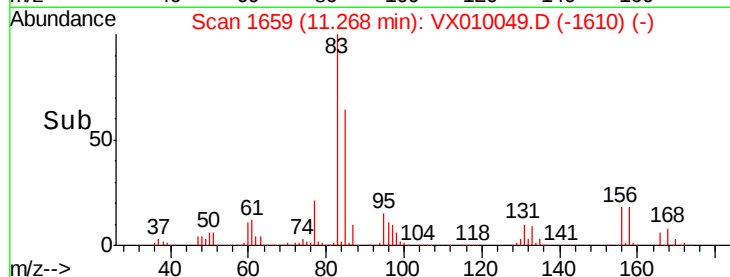
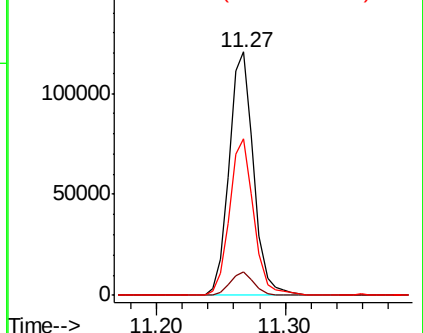
85 63.8 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 64.808 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010049.D

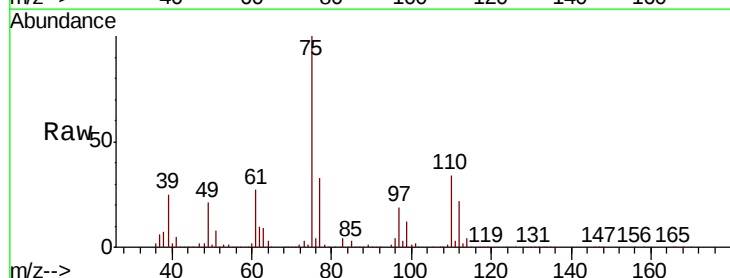
Acq: 03 Jun 2019 20:18

Tgt Ion: 75 Resp: 191036

Ion Ratio Lower Upper

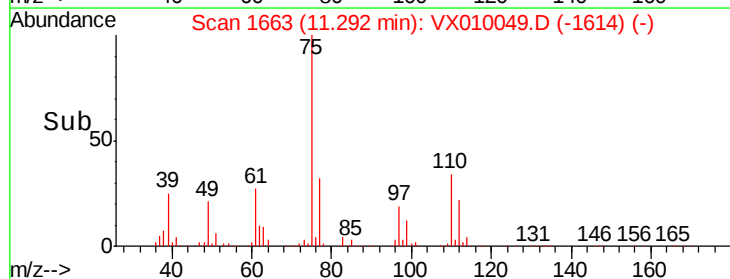
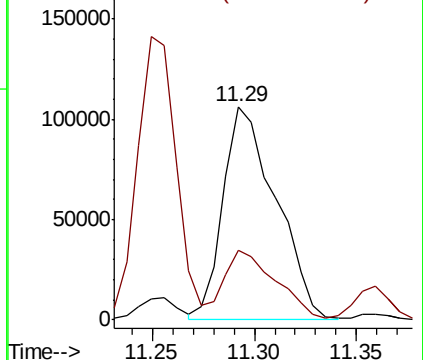
75 100

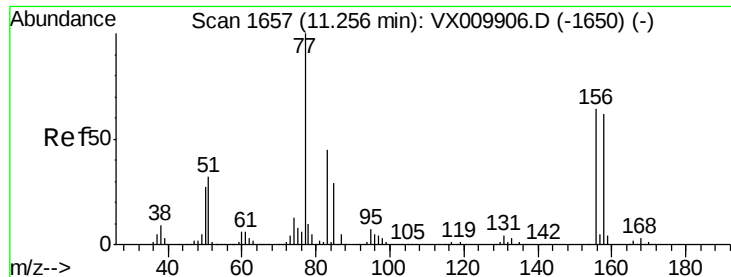
77 32.1 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.065 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010049.D

Acq: 03 Jun 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

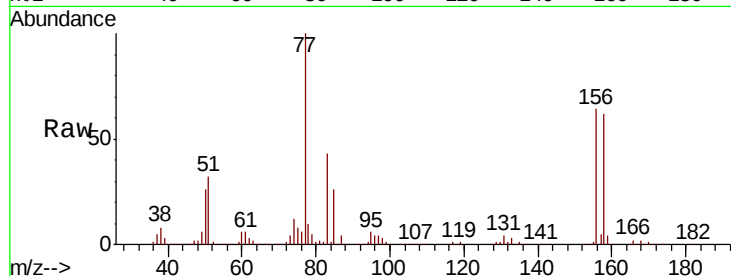
Tot Ion:156 Resp: 111405

Ion Ratio Lower Upper

156 100

77 167.1 86.8 260.3

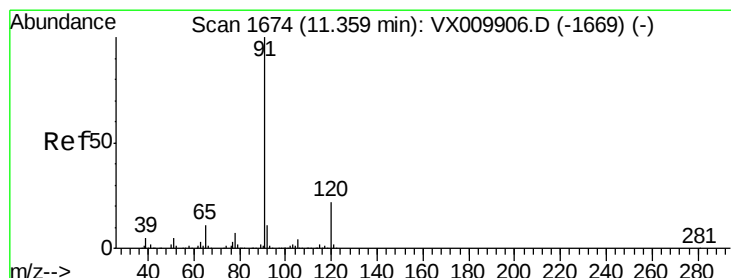
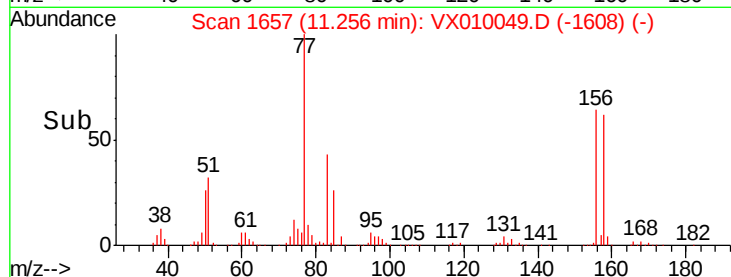
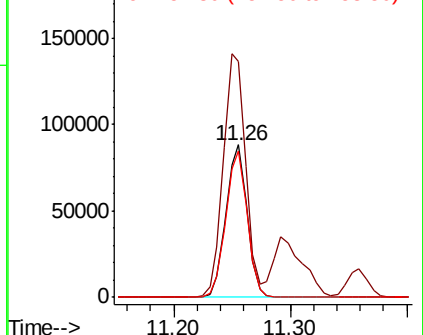
158 97.0 49.6 148.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.619 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010049.D

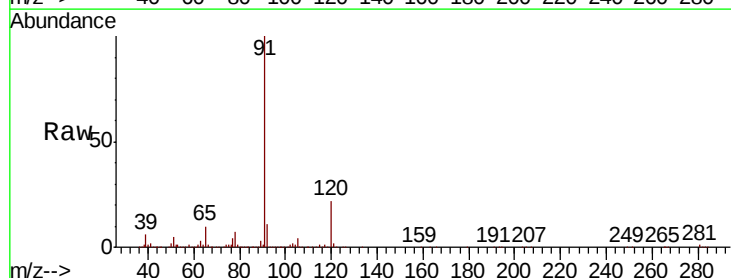
Acq: 03 Jun 2019 20:18

Tgt Ion: 91 Resp: 509699

Ion Ratio Lower Upper

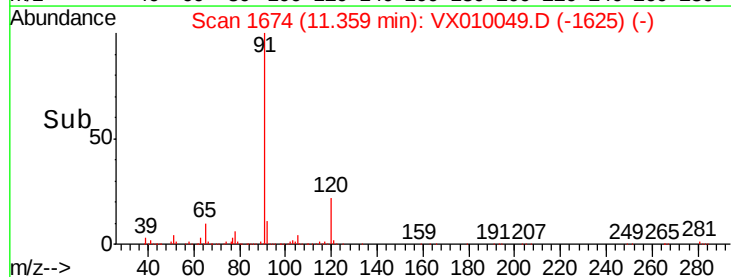
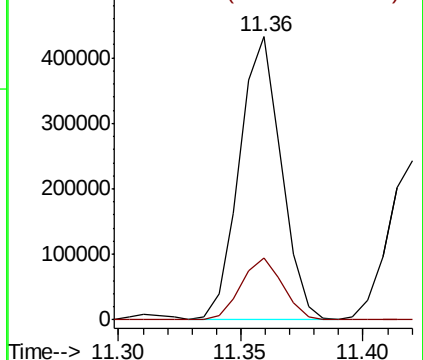
91 100

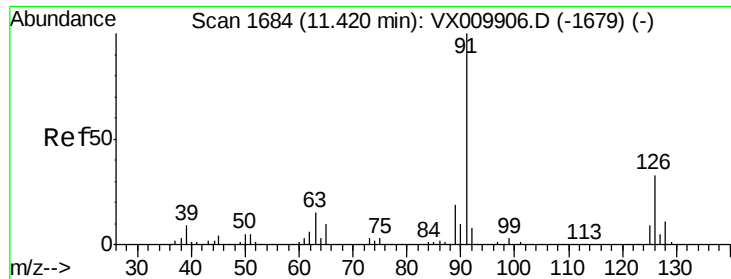
120 22.1 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

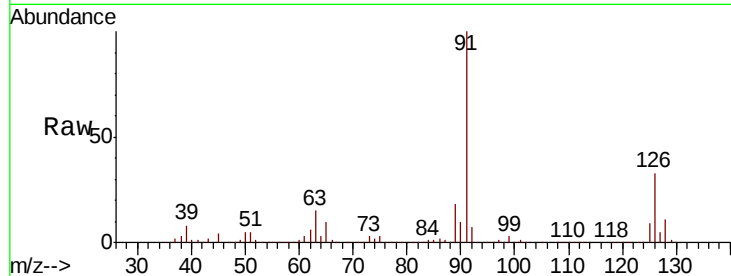




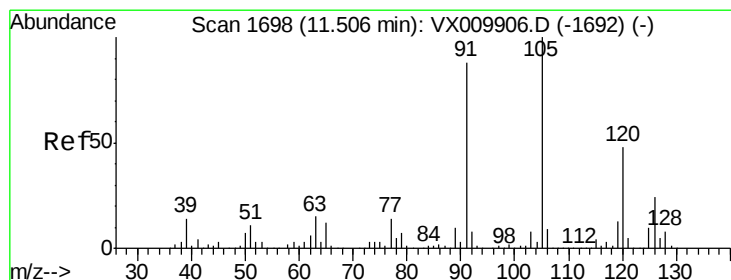
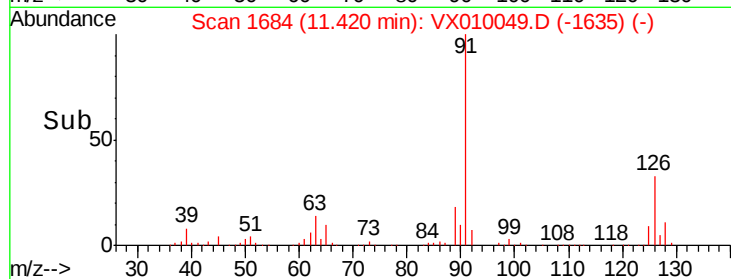
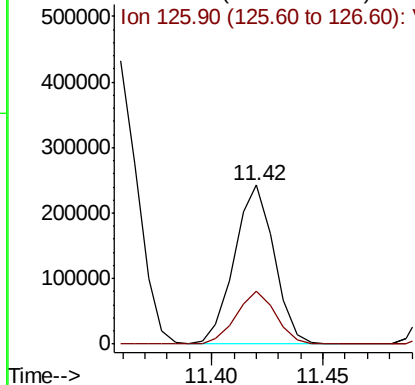
#79
 2-Chlorotoluene
 Concen: 47.129 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX010049.D
 Acq: 03 Jun 2019 20:18

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 91 Resp: 301863
 Ion Ratio Lower Upper
 91 100
 126 33.1 16.1 48.3

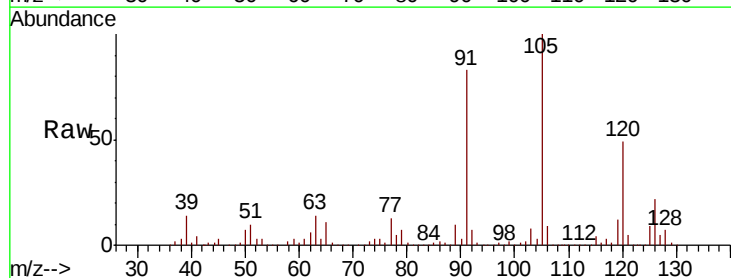


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

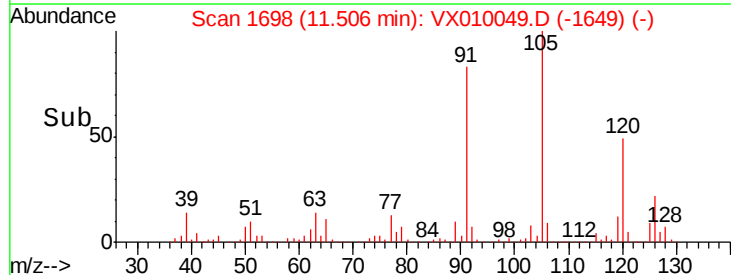
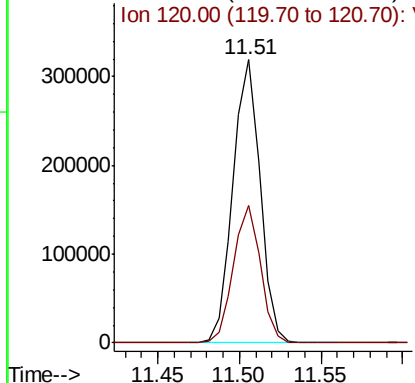


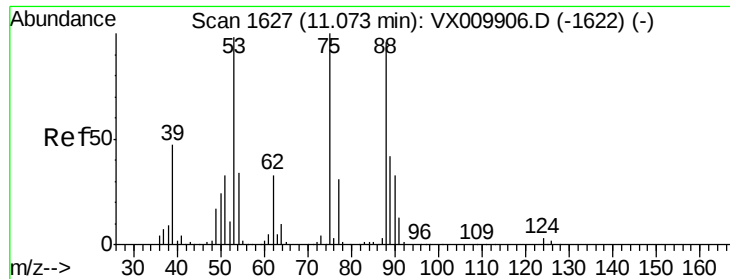
#80
 1,3,5-Trimethylbenzene
 Concen: 48.359 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX010049.D
 Acq: 03 Jun 2019 20:18

Tgt Ion: 105 Resp: 370534
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.1 72.3



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





#81

trans-1,4-Dichloro-2-butene

Concen: 45.490 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010049.D

Acq: 03 Jun 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

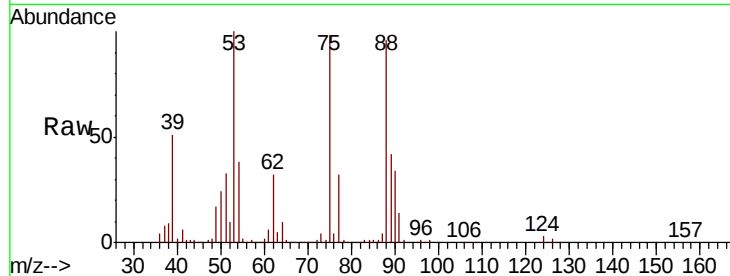
Tot Ion: 75 Resp: 54197

Ion Ratio Lower Upper

75 100

53 101.1 79.8 119.6

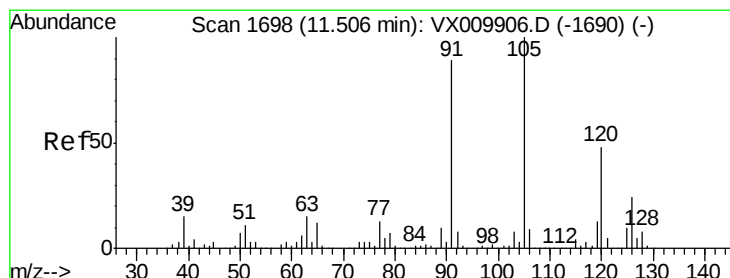
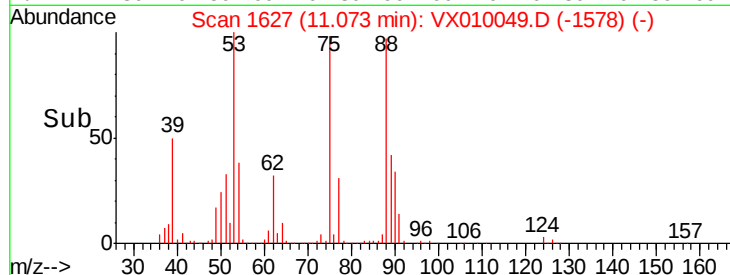
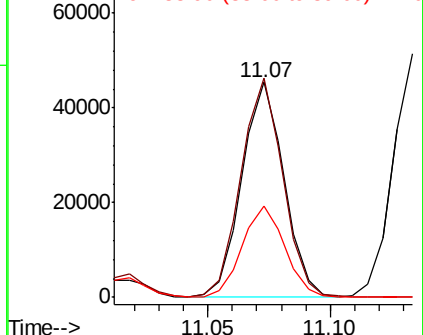
89 43.1 34.2 51.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 47.023 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX010049.D

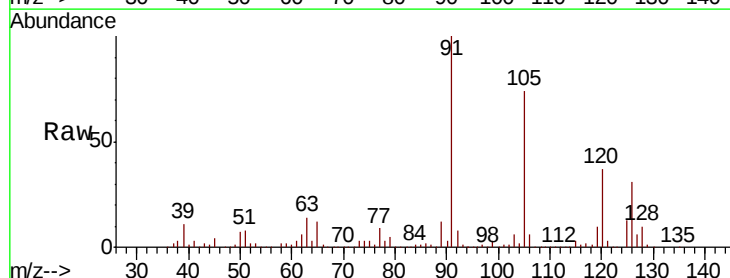
Acq: 03 Jun 2019 20:18

Tgt Ion: 91 Resp: 350614

Ion Ratio Lower Upper

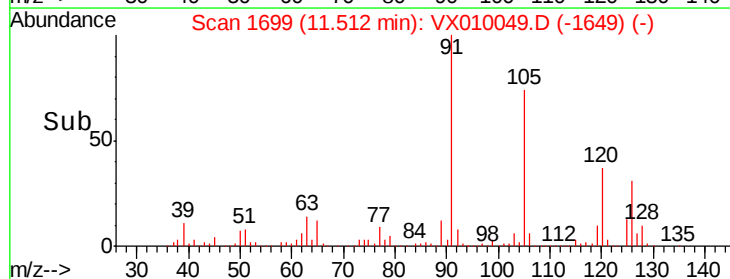
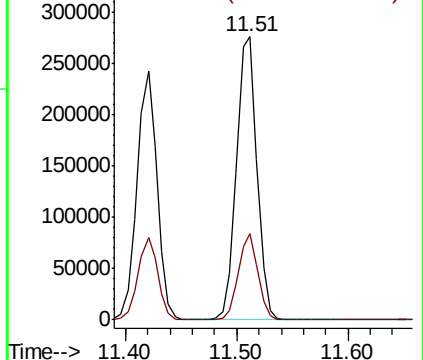
91 100

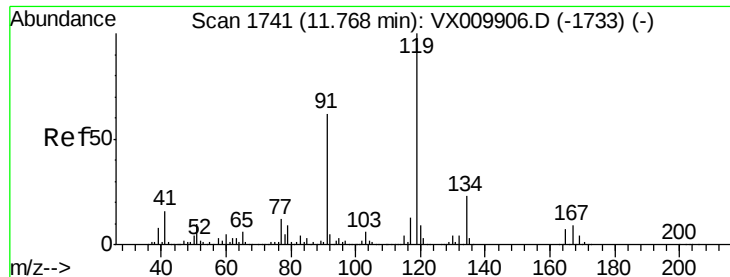
126 28.9 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

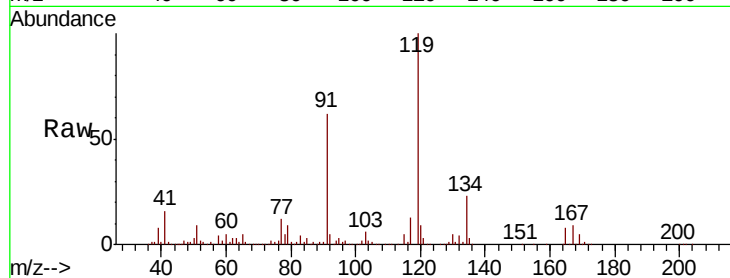




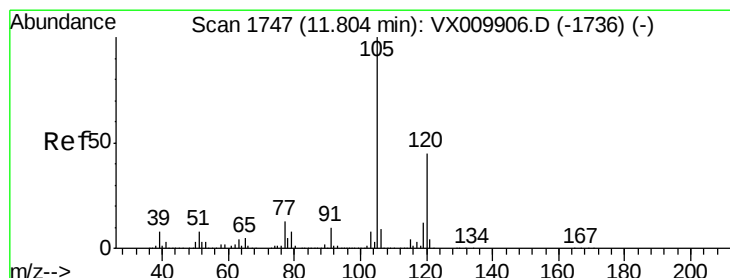
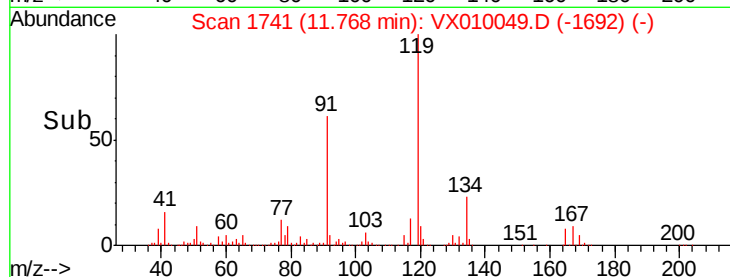
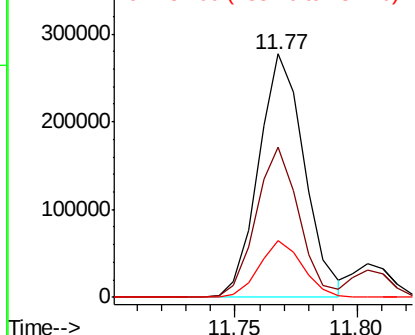
#83
tert-Butylbenzene
Concen: 49.227 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010049.D
Acq: 03 Jun 2019 20:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.0	30.0	90.0
134	22.2	11.2	33.5

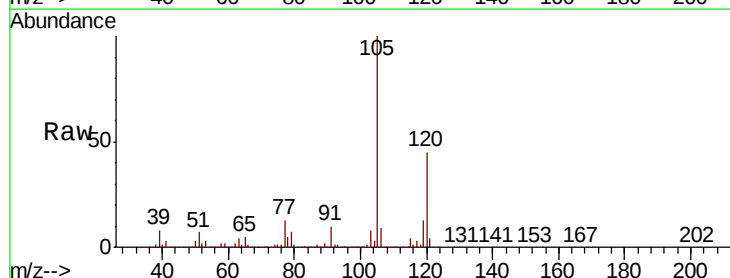


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

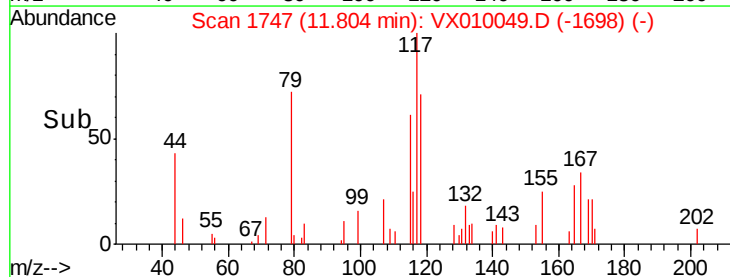
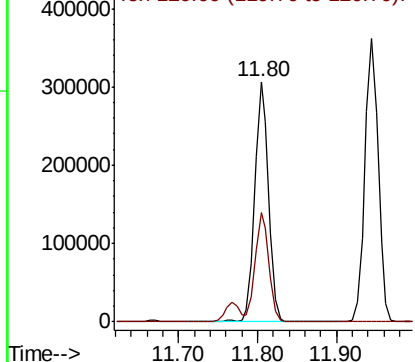


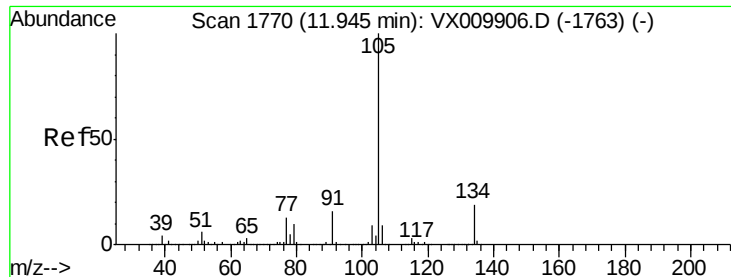
#84
1,2,4-Trimethylbenzene
Concen: 47.965 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010049.D
Acq: 03 Jun 2019 20:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.1	66.1



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

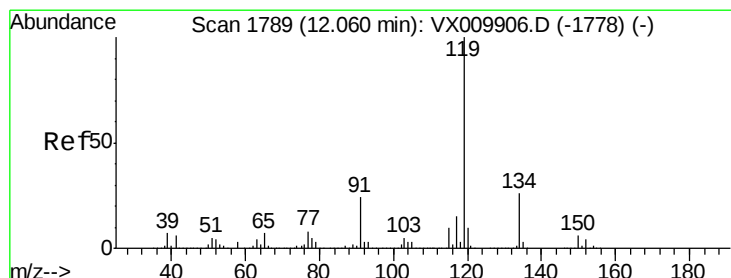
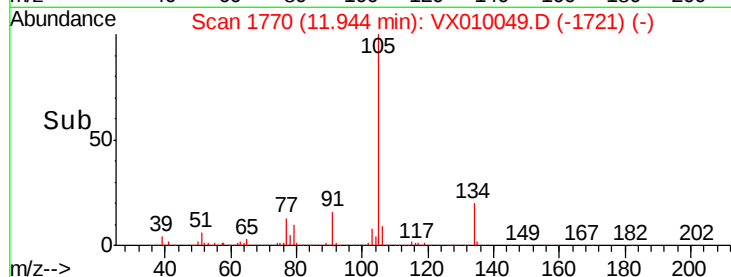
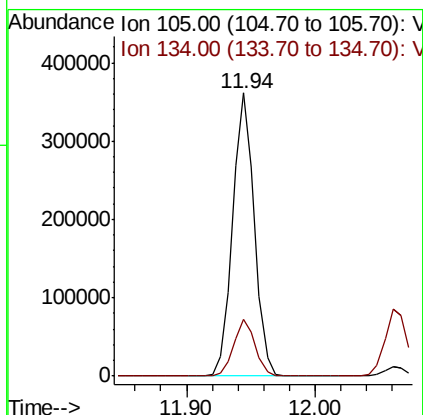
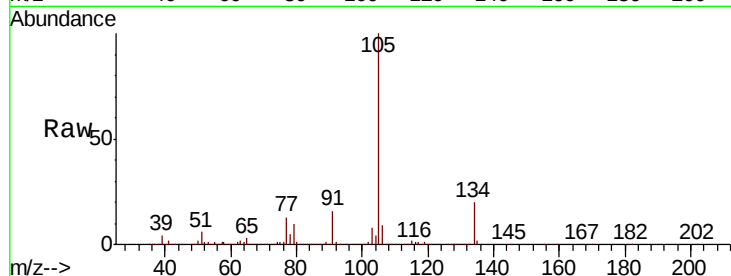




#85
 sec-Butylbenzene
 Concen: 48.705 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX010049.D
 Acq: 03 Jun 2019 20:18

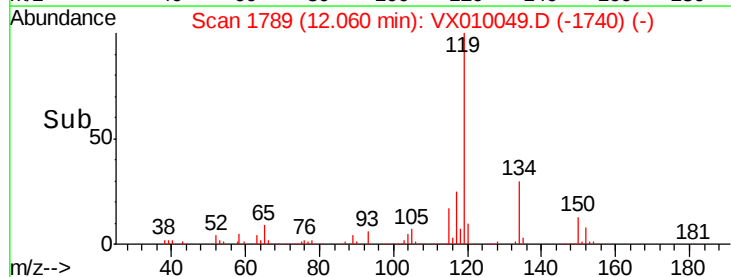
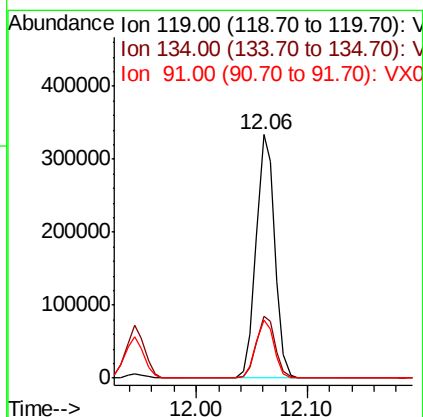
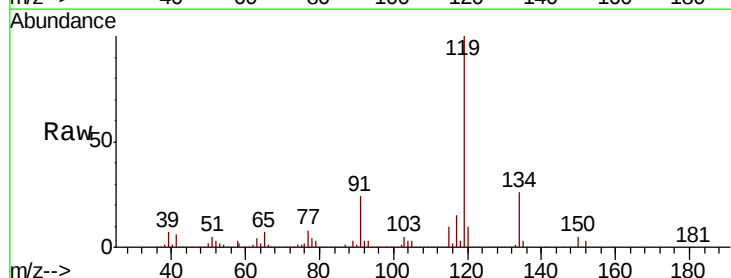
Instrument :
 MSVOA_X
 ClientSampleId :

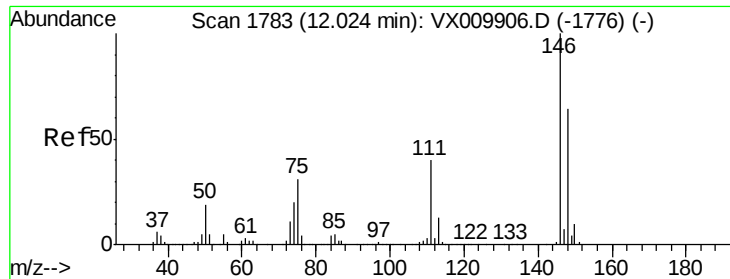
Tot Ion:105 Resp: 424754
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 49.799 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX010049.D
 Acq: 03 Jun 2019 20:18

Tgt Ion:119 Resp: 390629
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.6
 91 23.7 11.9 35.9

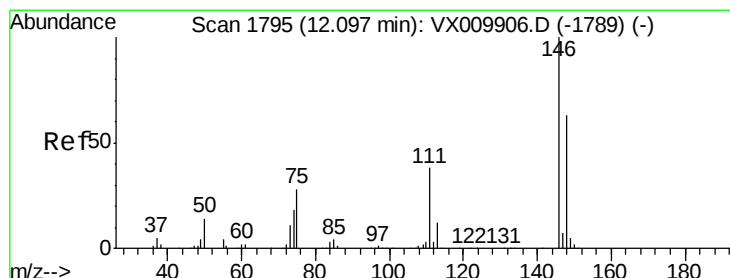
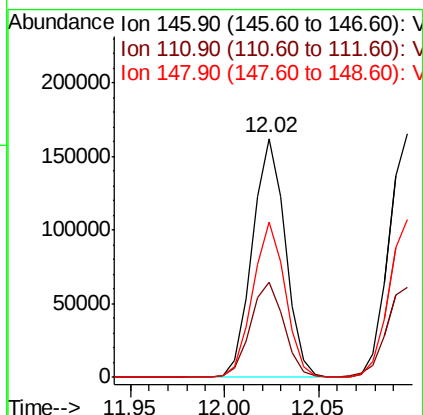
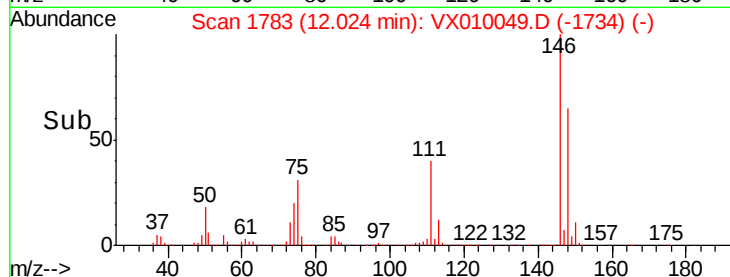
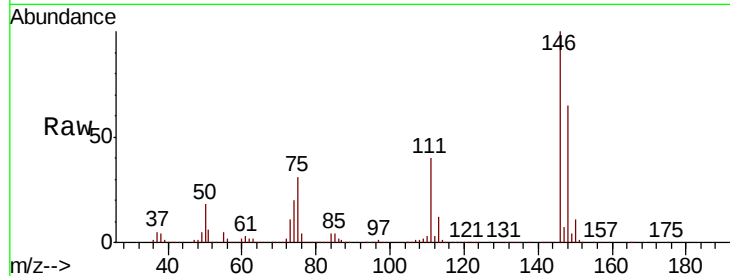




#87
 1,3-Dichlorobenzene
 Concen: 47.668 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010049.D
 Acq: 03 Jun 2019 20:18

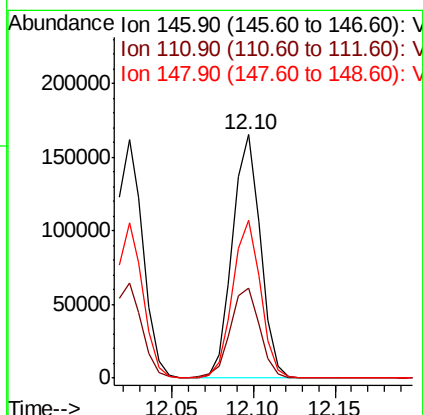
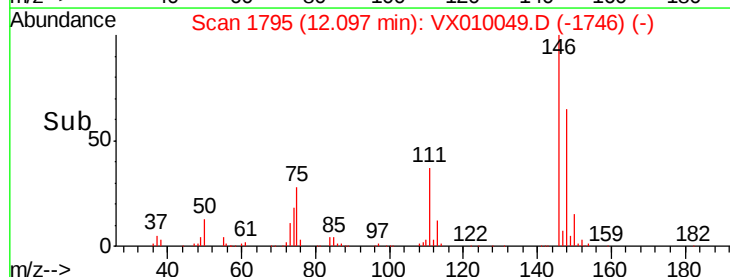
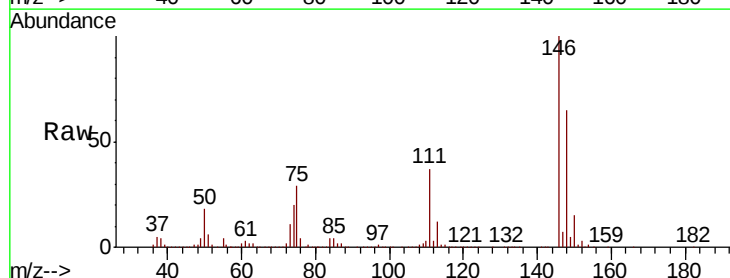
Instrument :
 MSVOA_X
 ClientSampled :

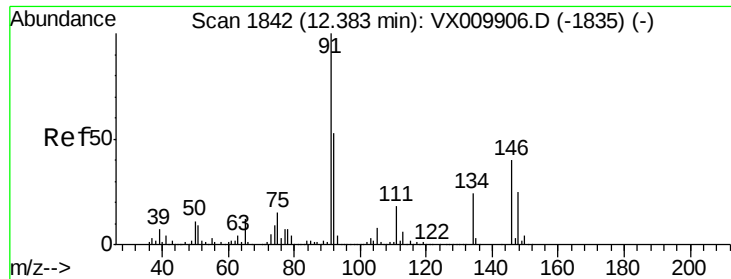
Tot Ion:146 Resp: 196701
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.1 60.2
 148 64.1 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 46.956 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010049.D
 Acq: 03 Jun 2019 20:18

Tgt Ion:146 Resp: 197609
 Ion Ratio Lower Upper
 146 100
 111 38.7 20.0 59.9
 148 64.8 32.3 96.9

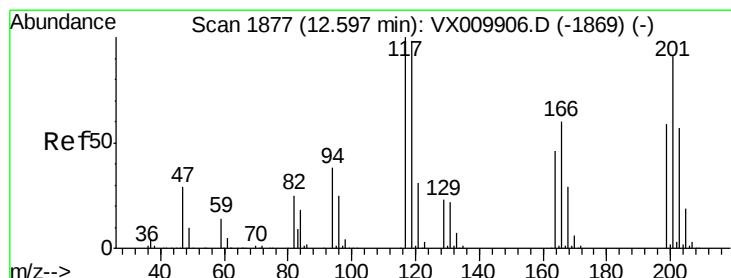
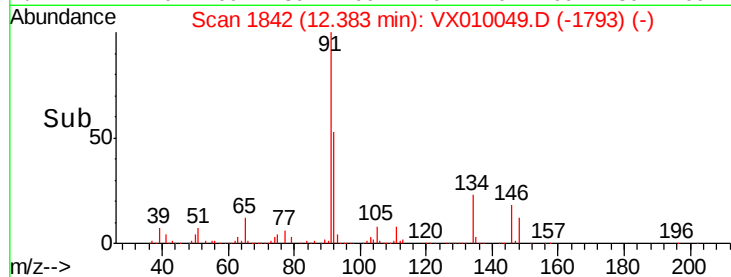
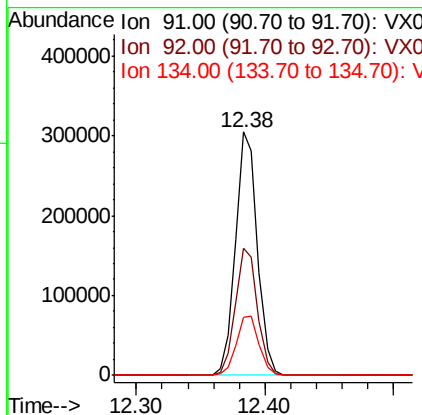
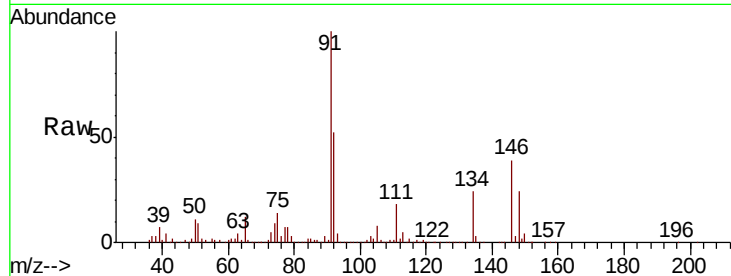




#89
n-Butylbenzene
Concen: 48.860 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010049.D
Acq: 03 Jun 2019 20:18

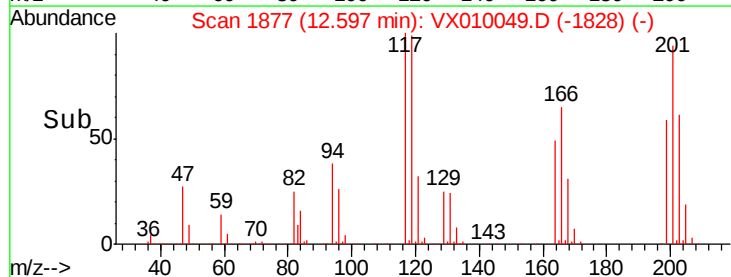
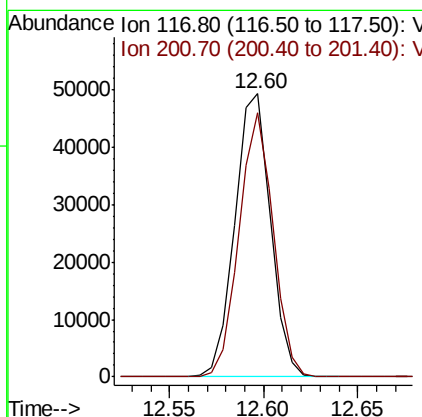
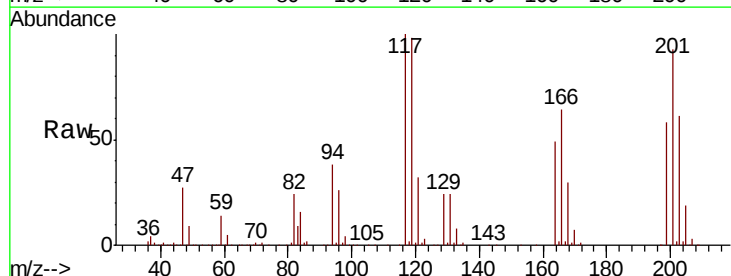
Instrument :
MSVOA_X
ClientSampled :

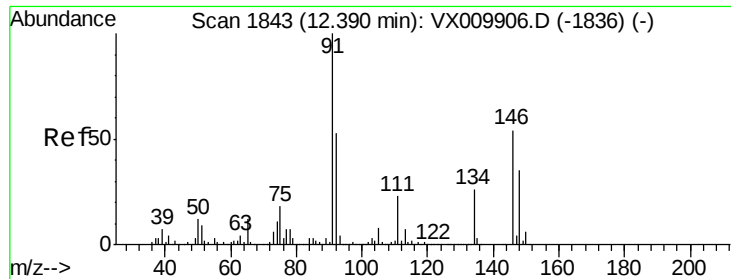
Tot Ion: 91 Resp: 360187
Ion Ratio Lower Upper
91 100
92 52.8 26.3 78.8
134 25.1 12.3 36.8



#90
Hexachloroethane
Concen: 48.026 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX010049.D
Acq: 03 Jun 2019 20:18

Tgt Ion: 117 Resp: 64651
Ion Ratio Lower Upper
117 100
201 89.2 43.6 130.9





#91

1,2-Dichlorobenzene

Concen: 48.127 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX010049.D

Acq: 03 Jun 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

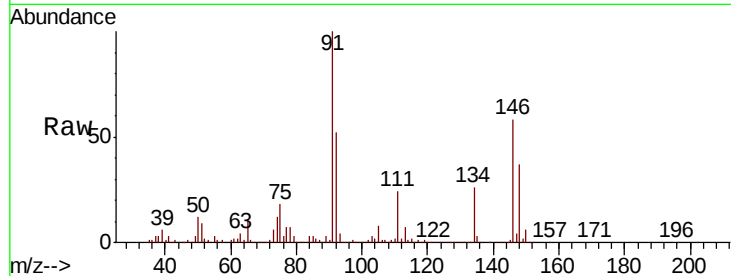
Tot Ion:146 Resp: 195800

Ion Ratio Lower Upper

146 100

111 41.8 21.1 63.1

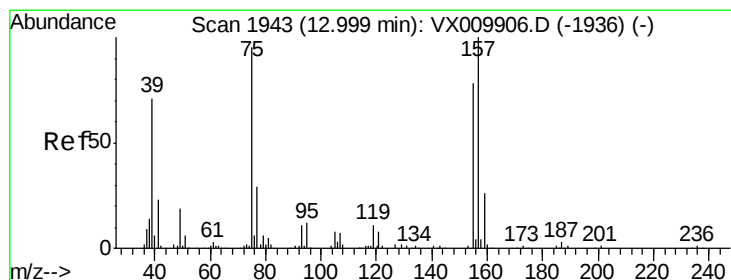
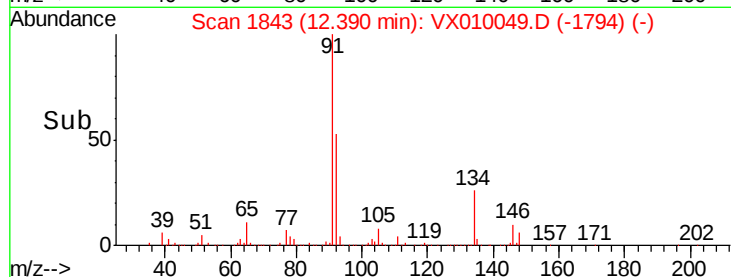
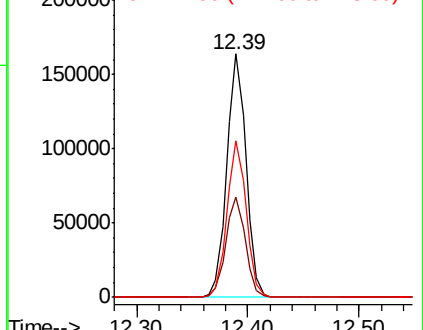
148 63.9 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.327 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX010049.D

Acq: 03 Jun 2019 20:18

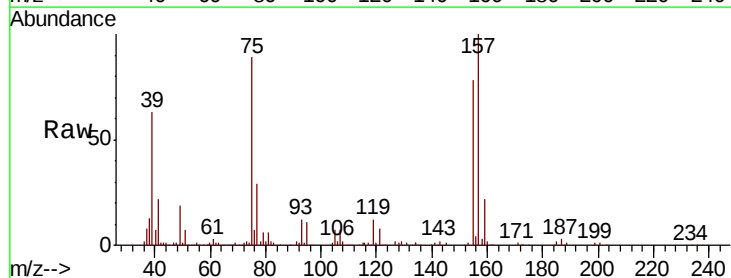
Tgt Ion: 75 Resp: 36202

Ion Ratio Lower Upper

75 100

155 85.8 39.3 117.8

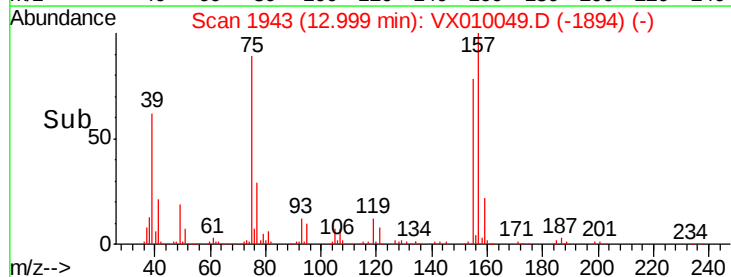
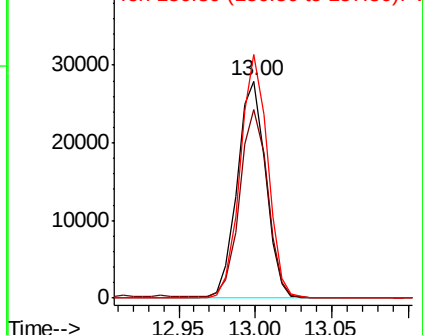
157 107.7 50.6 151.8

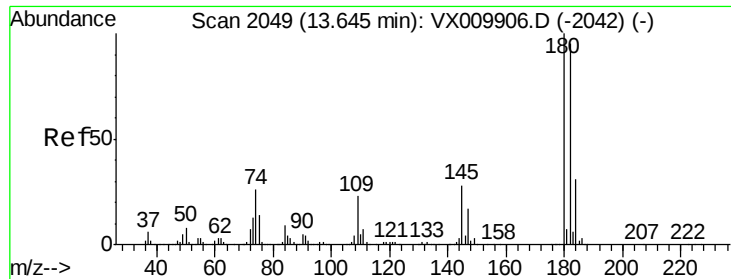


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

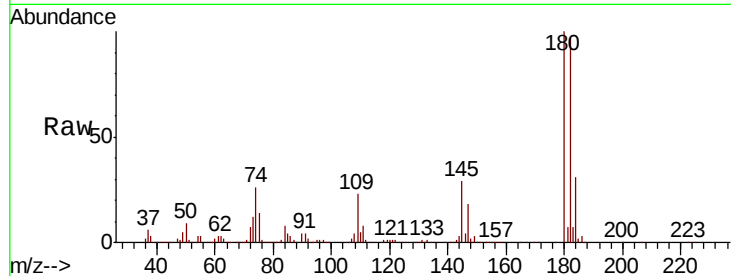




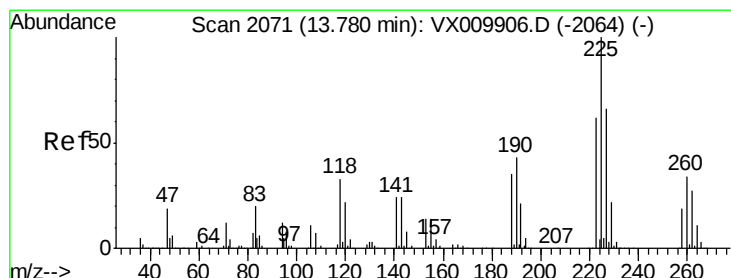
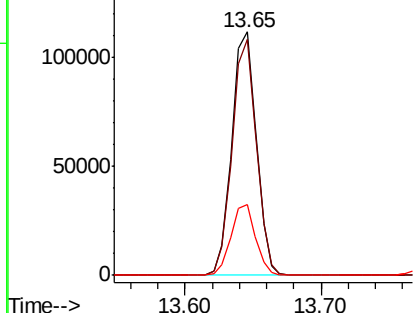
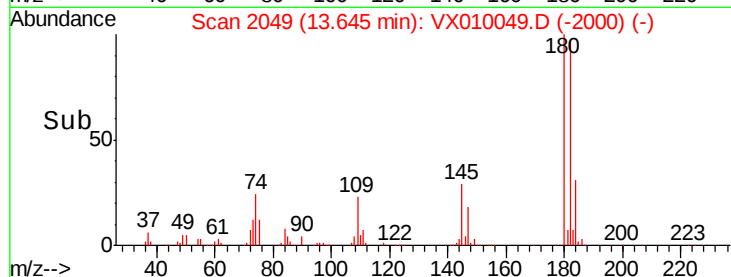
#93
 1,2,4-Trichlorobenzene
 Concen: 48.263 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010049.D
 Acq: 03 Jun 2019 20:18

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.4	142.2
145	29.2	14.5	43.5

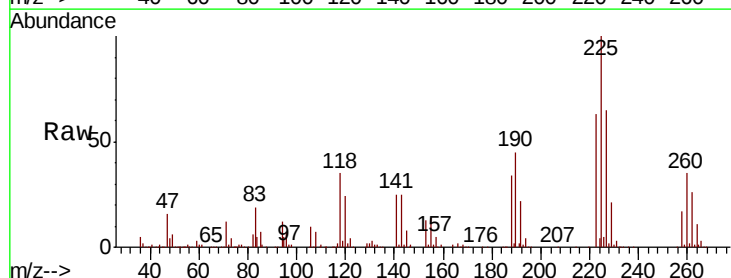


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

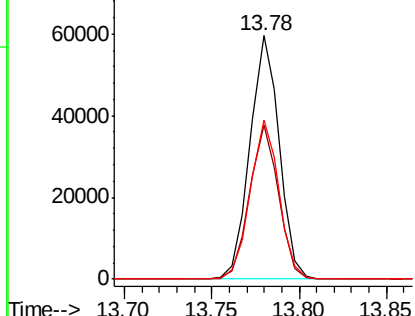
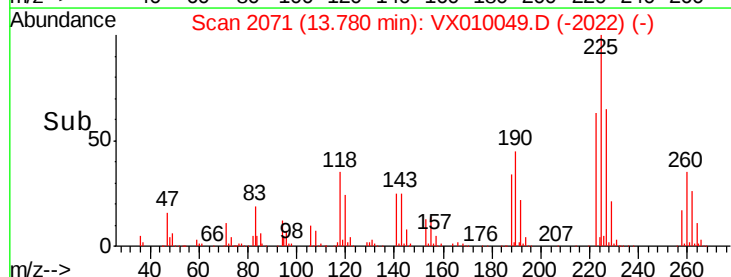


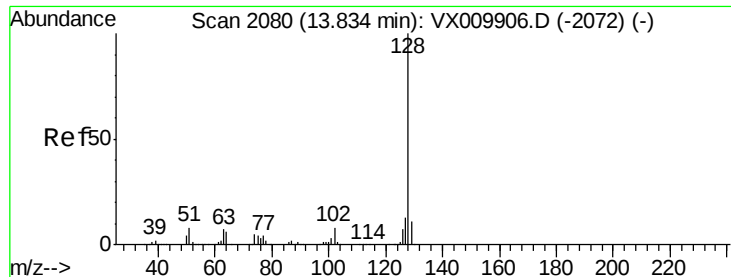
#94
 Hexachlorobutadiene
 Concen: 47.778 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010049.D
 Acq: 03 Jun 2019 20:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.3	93.8
227	64.3	32.3	96.8



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

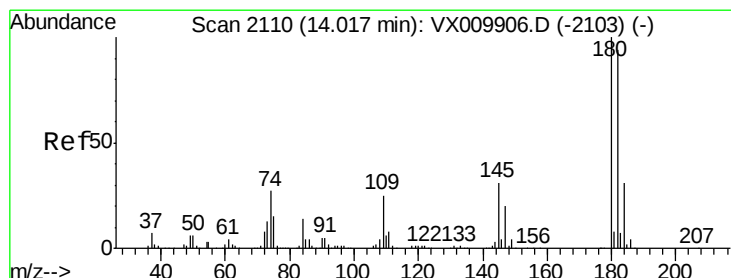
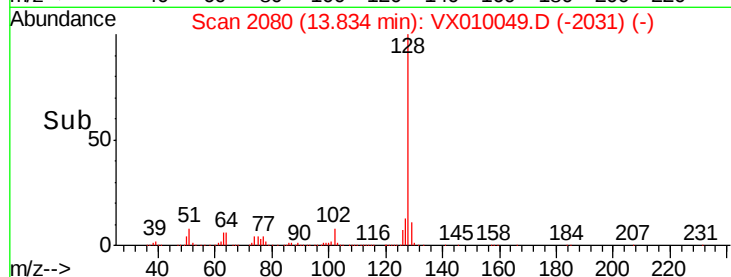
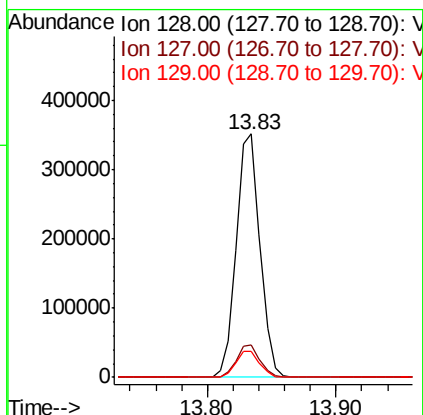
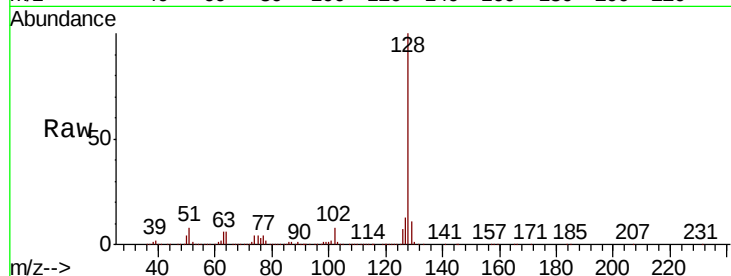




#95
Naphthalene
Concen: 49.648 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010049.D
Acq: 03 Jun 2019 20:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	16.0
129	10.9	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 48.148 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010049.D
Acq: 03 Jun 2019 20:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.3	142.0
145	30.7	15.6	46.7

