

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060819\
 Data File : VX010139.D
 Acq On : 08 Jun 2019 15:33
 Operator : JC/SP
 Sample : VX0608WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS01

Quant Time: Jun 10 07:59:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	298312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	450007	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	401814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	209688	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	139552	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
35) Dibromofluoromethane	5.50	113	138100	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
50) Toluene-d8	8.71	98	534064	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
62) 4-Bromofluorobenzene	11.13	95	195659	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	58566	21.336	ug/l	97
3) Chloromethane	1.33	50	55186	20.244	ug/l	98
4) Vinyl Chloride	1.41	62	53612	20.925	ug/l	100
5) Bromomethane	1.64	94	25769	26.654	ug/l	95
6) Chloroethane	1.72	64	30639	23.719	ug/l	99
7) Trichlorofluoromethane	1.93	101	82354	21.639	ug/l	97
8) Diethyl Ether	2.19	74	28777	21.939	ug/l	75
9) 1,1,2-Trichlorotrifluoroet	2.39	101	47762	18.206	ug/l	93
10) Methyl Iodide	2.51	142	79665	19.600	ug/l	95
11) Tert butyl alcohol	3.04	59	77907	109.216	ug/l	97
12) 1,1-Dichloroethene	2.37	96	46339	17.294	ug/l	82
13) Acrolein	2.29	56	12947	99.540	ug/l	94
14) Allyl chloride	2.73	41	76511	18.917	ug/l #	89
15) Acrylonitrile	3.14	53	144557	99.146	ug/l	98
16) Acetone	2.44	43	136861	99.930	ug/l #	88
17) Carbon Disulfide	2.57	76	140636	18.165	ug/l	99
18) Methyl Acetate	2.77	43	57115	18.963	ug/l #	82
19) Methyl tert-butyl Ether	3.20	73	162209	18.843	ug/l	95
20) Methylene Chloride	2.85	84	57286	19.046	ug/l #	79
21) trans-1,2-Dichloroethene	3.17	96	56169	18.942	ug/l #	79
22) Diisopropyl ether	3.85	45	150608	19.476	ug/l #	93
23) Vinyl Acetate	3.81	43	675433	97.907	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	88817	18.917	ug/l	95
25) 2-Butanone	4.67	43	206232	101.123	ug/l #	79
26) 2,2-Dichloropropane	4.59	77	81509	19.029	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	63856	19.357	ug/l	79
28) Bromochloromethane	5.02	49	39634	18.835	ug/l #	47
29) Tetrahydrofuran	5.13	42	126459	98.667	ug/l #	74
30) Chloroform	5.21	83	94886	19.459	ug/l	99
31) Cyclohexane	5.58	56	84648	19.976	ug/l #	79
32) 1,1,1-Trichloroethane	5.49	97	85581	18.669	ug/l	93
36) 1,1-Dichloropropene	5.80	75	69878	19.033	ug/l	92
37) Ethyl Acetate	4.84	43	74874	19.601	ug/l #	90
38) Carbon Tetrachloride	5.79	117	78836	18.971	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	97380	19.479	ug/l #	84
40) Benzene	6.14	78	220102	19.388	ug/l	99
41) Methacrylonitrile	5.04	41	39689	19.207	ug/l #	84
42) 1,2-Dichloroethane	6.19	62	67930	18.743	ug/l	92
43) Isopropyl Acetate	6.45	43	121316	18.994	ug/l #	89
44) Trichloroethene	7.21	130	67150	19.623	ug/l	85
45) 1,2-Dichloropropane	7.51	63	55380	19.490	ug/l	99
46) Dibromomethane	7.66	93	39810	18.701	ug/l	89
47) Bromodichloromethane	7.90	83	74723	18.785	ug/l #	98
48) Methyl methacrylate	7.77	41	57820	19.357	ug/l #	78
49) 1,4-Dioxane	7.74	88	36003	422.757	ug/l #	79
51) 4-Methyl-2-Pentanone	8.64	43	390329	102.299	ug/l	90
52) Toluene	8.78	92	143946	19.289	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	86030	18.698	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	94861	19.232	ug/l #	88
55) 1,1,2-Trichloroethane	9.21	97	60779	19.887	ug/l	96
56) Ethyl methacrylate	9.18	69	95658	19.814	ug/l #	81
57) 1,3-Dichloropropane	9.37	76	92986	19.325	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	223443	98.176	ug/l #	85
59) 2-Hexanone	9.49	43	315821	103.814	ug/l	87
60) Dibromochloromethane	9.58	129	69032	19.096	ug/l	99
61) 1,2-Dibromoethane	9.67	107	66204	19.450	ug/l	99
64) Tetrachloroethene	9.34	164	57519	19.274	ug/l	99
65) Chlorobenzene	10.13	112	164442	19.829	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	64091	20.096	ug/l	99
67) Ethyl Benzene	10.25	91	280145	19.843	ug/l	94
68) m/p-Xylenes	10.36	106	218902	40.069	ug/l	91
69) o-Xylene	10.69	106	107641	19.821	ug/l	89
70) Styrene	10.71	104	182991	19.895	ug/l	95
71) Bromoform	10.85	173	57820	19.721	ug/l #	98
73) Isopropylbenzene	11.02	105	283941	19.398	ug/l	96
74) N-amyl acetate	10.90	43	111975	19.352	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.27	83	96533	19.266	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	109316	26.064	ug/l	84
77) Bromobenzene	11.25	156	77265	19.195	ug/l	81
78) n-propylbenzene	11.36	91	315550	19.364	ug/l	95
79) 2-Chlorotoluene	11.42	91	186591	19.065	ug/l	91
80) 1,3,5-Trimethylbenzene	11.51	105	238618	19.355	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	36761	19.365	ug/l #	83
82) 4-Chlorotoluene	11.51	91	212481	19.111	ug/l	92
83) tert-Butylbenzene	11.77	119	243903	19.546	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	238772	19.174	ug/l	94
85) sec-Butylbenzene	11.94	105	278690	19.170	ug/l	96
86) p-Isopropyltoluene	12.06	119	258201	19.428	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	136114	19.198	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	135691	18.985	ug/l	99
89) n-Butylbenzene	12.38	91	219698	19.204	ug/l	97
90) Hexachloroethane	12.59	117	49215	18.589	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	136337	19.779	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22092	18.737	ug/l	63

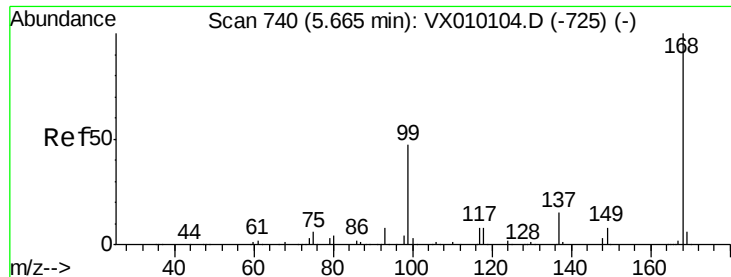
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060819\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	97691	19.362	ug/l	100
94) Hexachlorobutadiene	13.78	225	42057	18.743	ug/l	98
95) Naphthalene	13.83	128	311901	19.637	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	96401	19.323	ug/l	98

(#) = 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: VX010139.D

Acq: 08 Jun 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

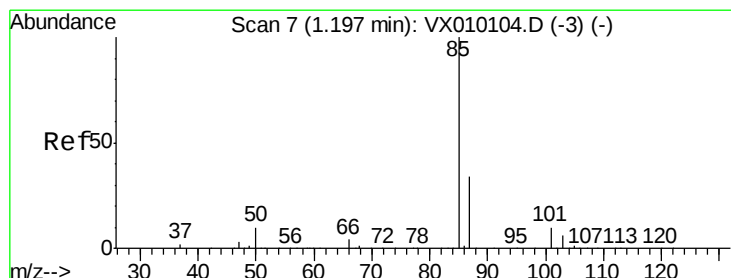
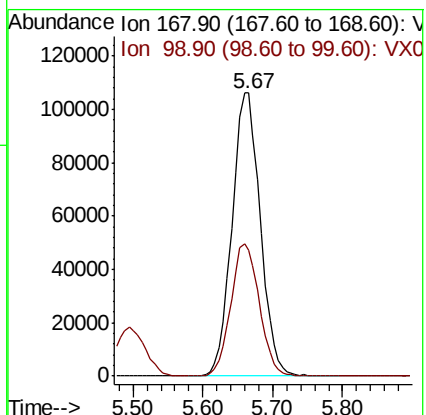
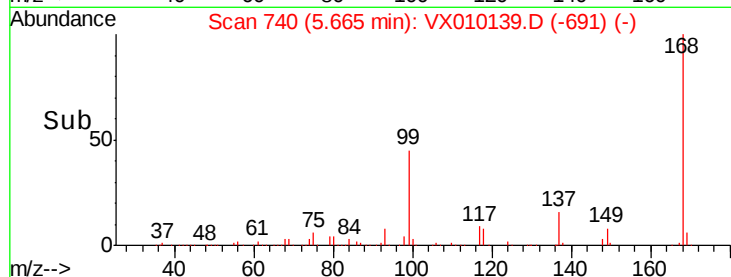
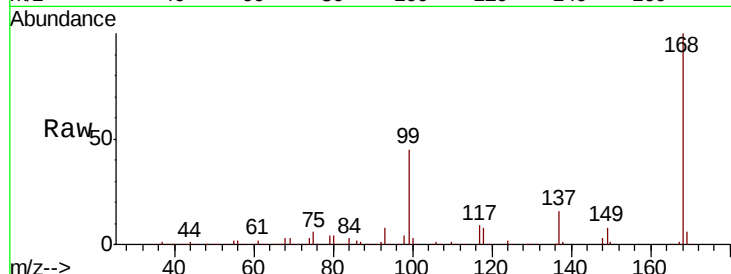
VX0608WBS01

Tgt Ion:168 Resp: 298312

Ion Ratio Lower Upper

168 100

99 44.5 43.0 64.6



#2

Dichlorodifluoromethane

Concen: 21.336 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010139.D

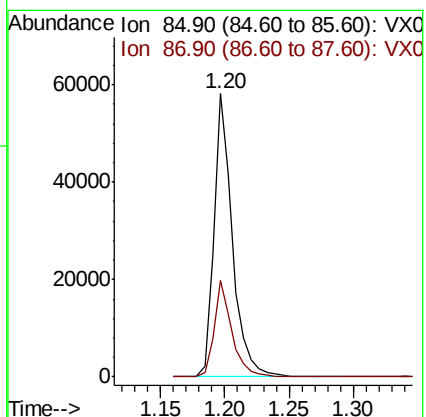
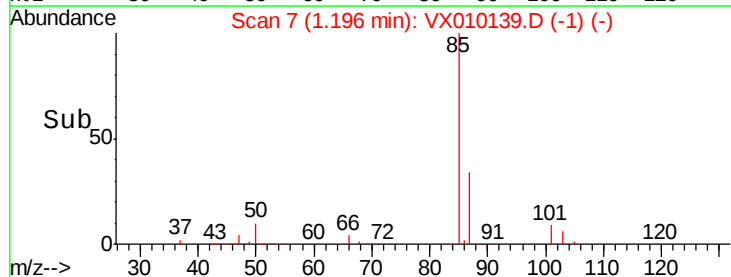
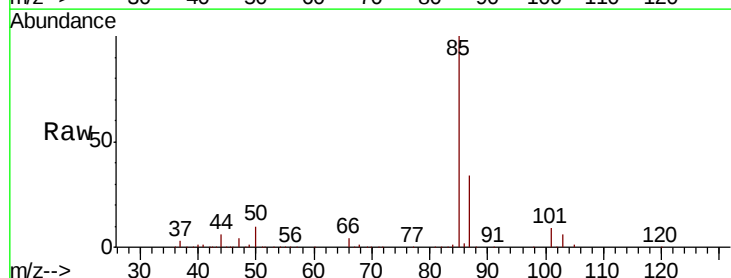
Acq: 08 Jun 2019 15:33

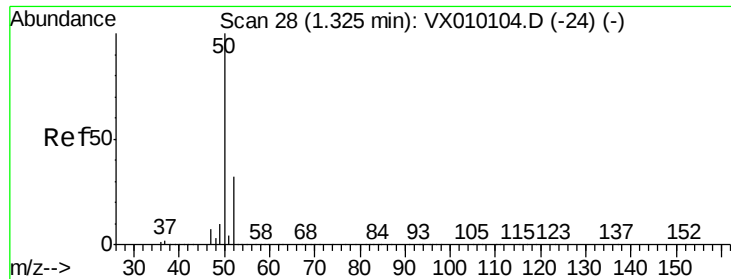
Tgt Ion: 85 Resp: 58566

Ion Ratio Lower Upper

85 100

87 33.9 16.1 48.2





#3

Chloromethane

Concen: 20.244 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010139.D

Acq: 08 Jun 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

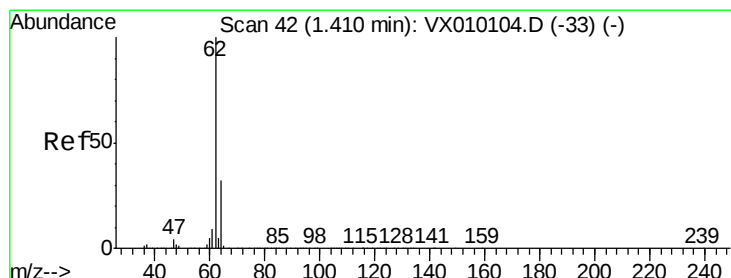
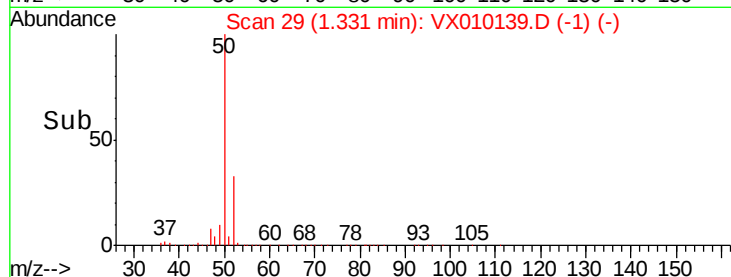
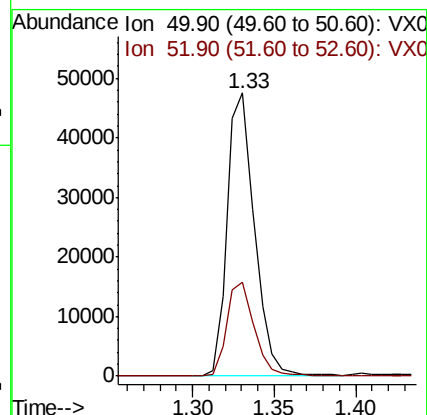
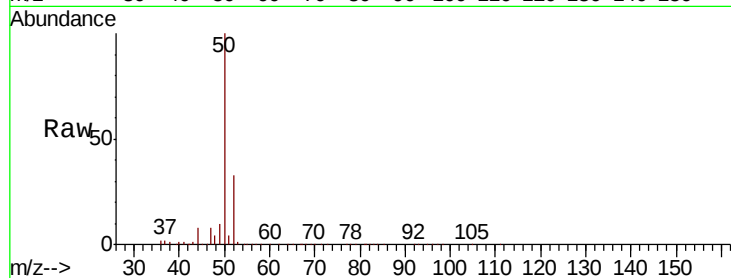
VX0608WBS01

Tgt Ion: 50 Resp: 55186

Ion Ratio Lower Upper

50 100

52 33.4 26.0 39.0



#4

Vinyl Chloride

Concen: 20.925 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010139.D

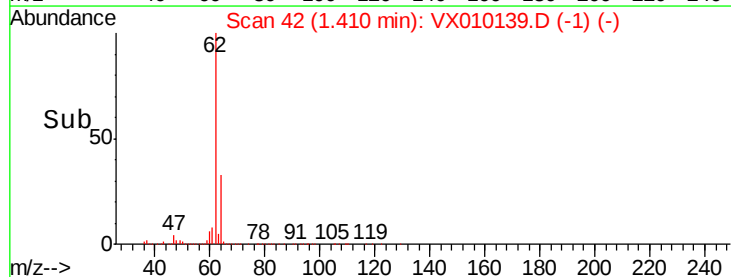
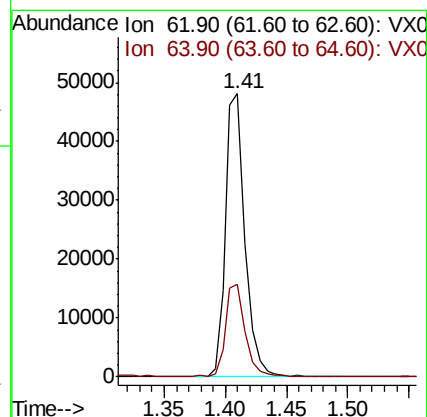
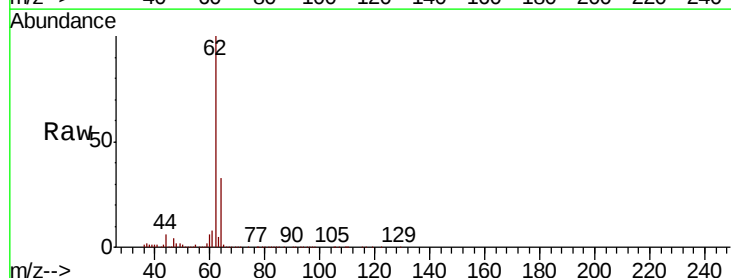
Acq: 08 Jun 2019 15:33

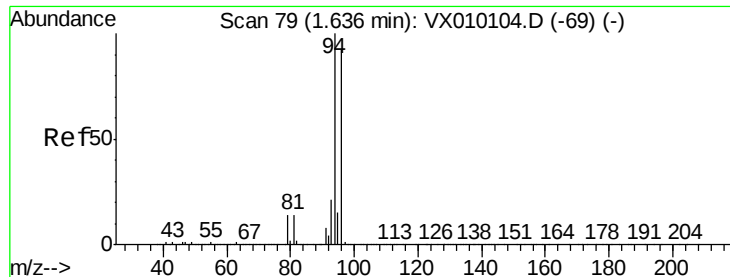
Tgt Ion: 62 Resp: 53612

Ion Ratio Lower Upper

62 100

64 32.2 25.7 38.5





#5

Bromomethane

Concen: 26.654 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010139.D

Acq: 08 Jun 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

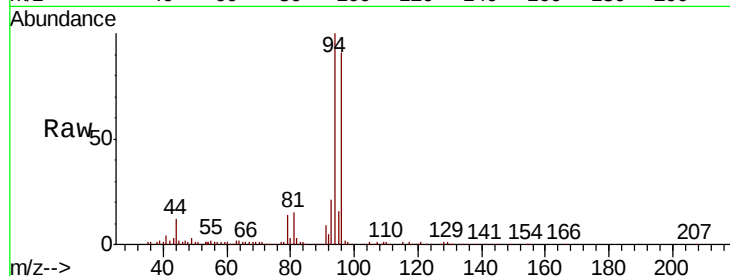
VX0608WBS01

Tgt Ion: 94 Resp: 25769

Ion Ratio Lower Upper

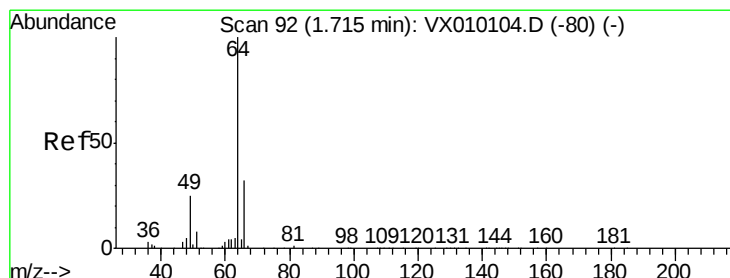
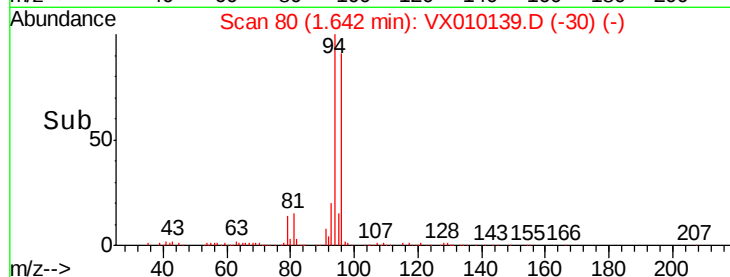
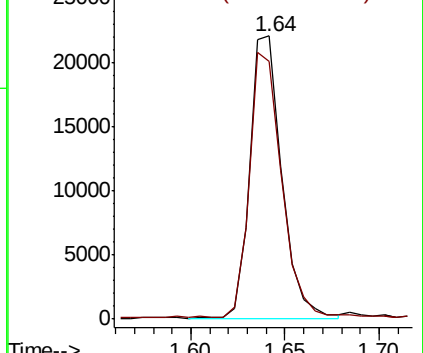
94 100

96 90.6 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: 23.719 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010139.D

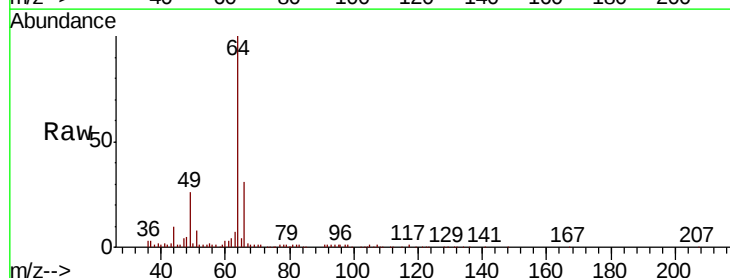
Acq: 08 Jun 2019 15:33

Tgt Ion: 64 Resp: 30639

Ion Ratio Lower Upper

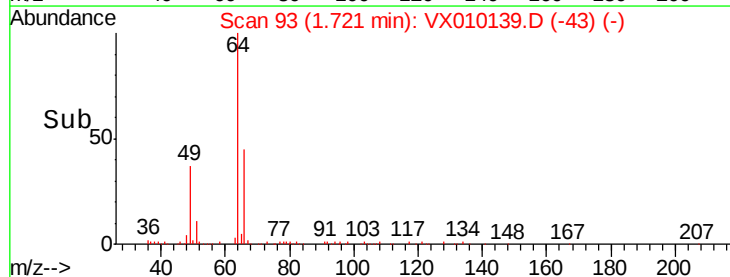
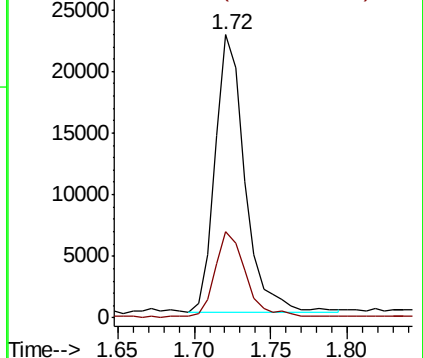
64 100

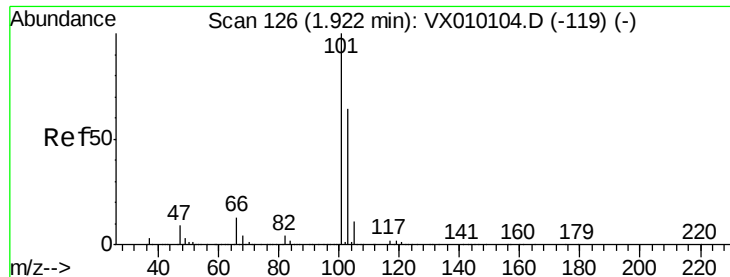
66 30.7 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



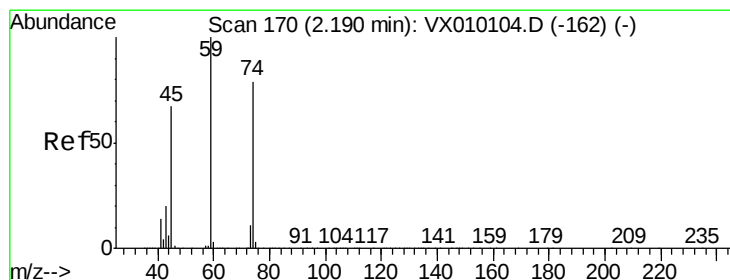
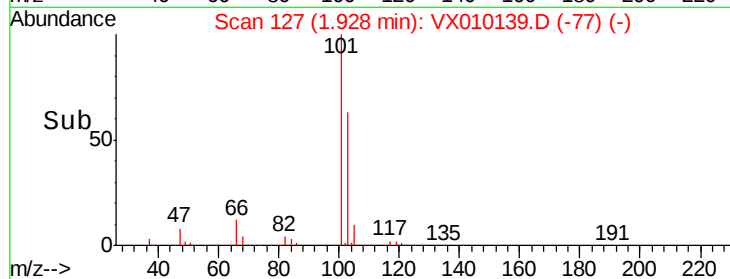
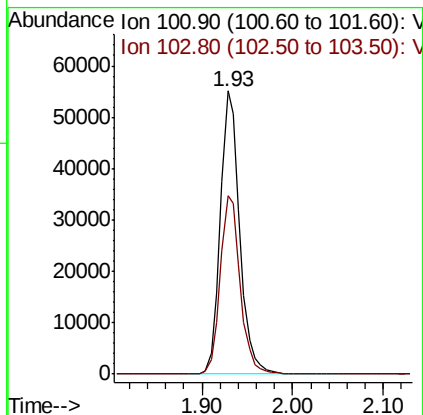
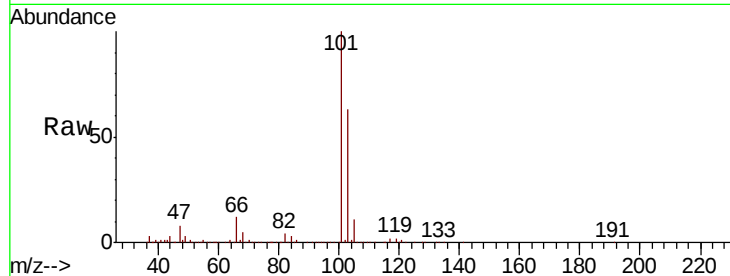


#7

Trichlorofluoromethane
 Concen: 21.639 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX010139.D
 Acq: 08 Jun 2019 15:33

Instrument :
 MSVOA_X
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 VX0608WBS01

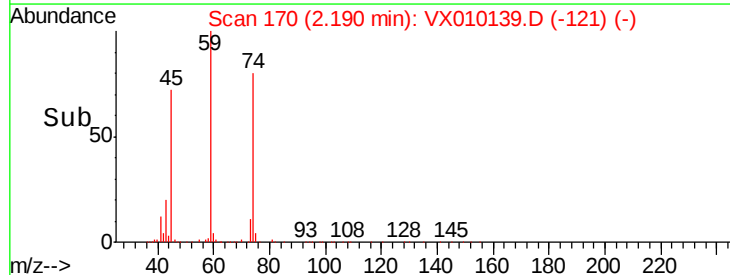
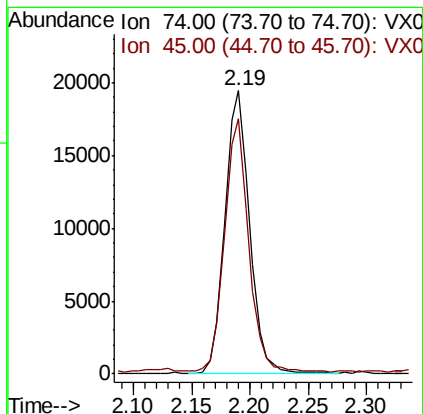
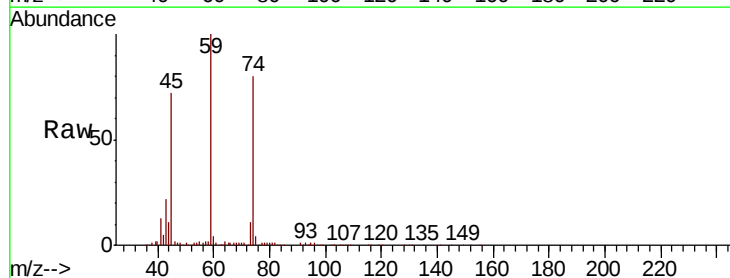
Tgt Ion: 101 Resp: 82354
 Ion Ratio Lower Upper
 101 100
 103 62.9 52.2 78.4

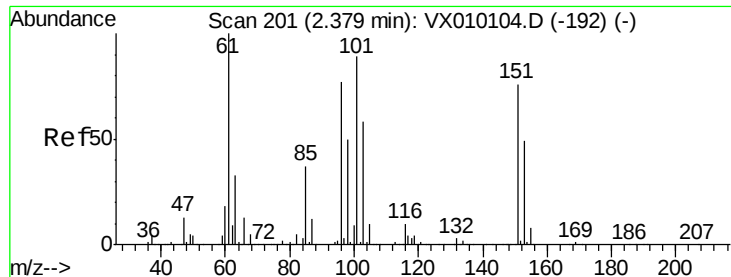


#8

Diethyl Ether
 Concen: 21.939 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX010139.D
 Acq: 08 Jun 2019 15:33

Tgt Ion: 74 Resp: 28777
 Ion Ratio Lower Upper
 74 100
 45 85.6 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.206 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010139.D

Acq: 08 Jun 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS01

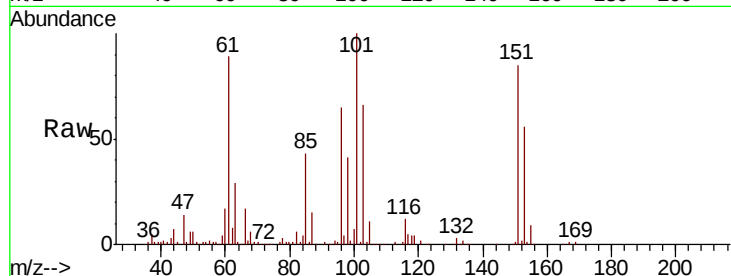
Tgt Ion:101 Resp: 47762

Ion Ratio Lower Upper

101 100

85 44.3 35.2 52.8

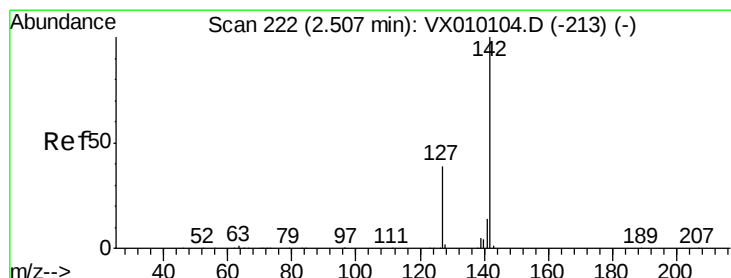
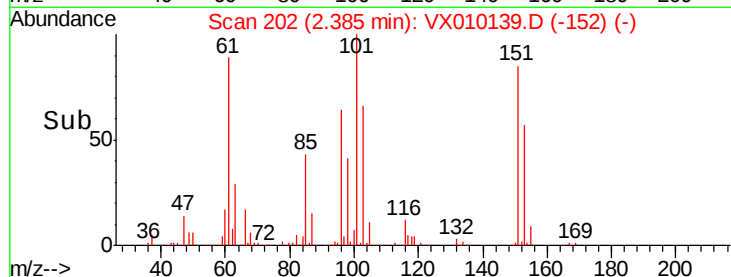
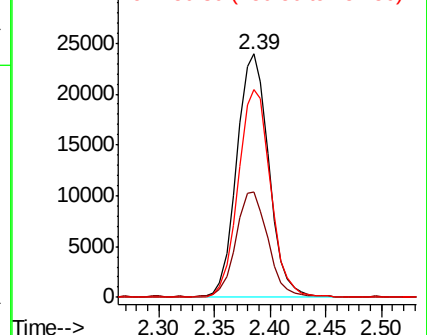
151 86.0 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.600 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010139.D

Acq: 08 Jun 2019 15:33

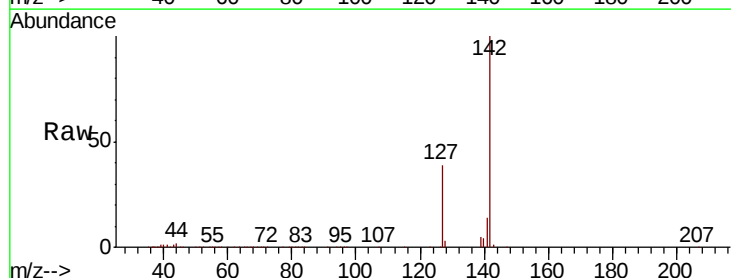
Tgt Ion:142 Resp: 79665

Ion Ratio Lower Upper

142 100

127 37.5 33.0 49.4

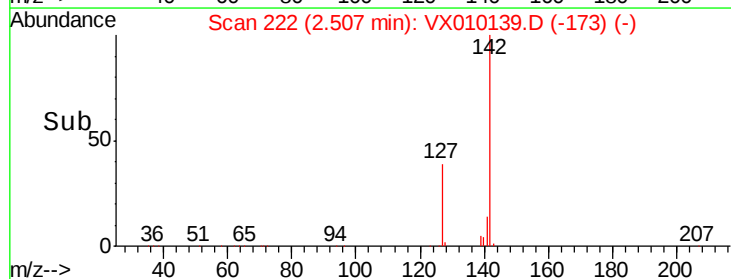
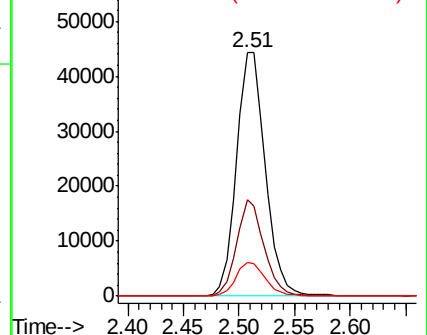
141 14.0 11.4 17.0

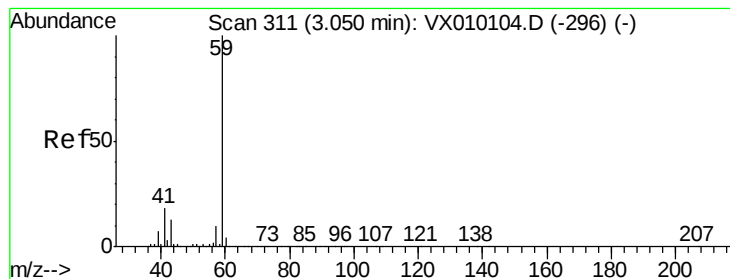


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



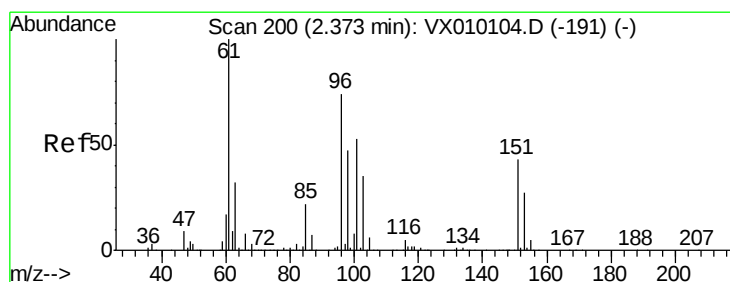
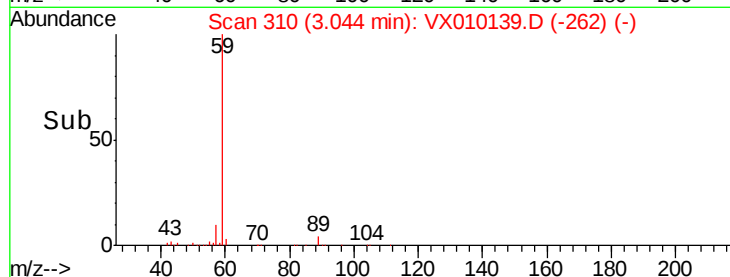
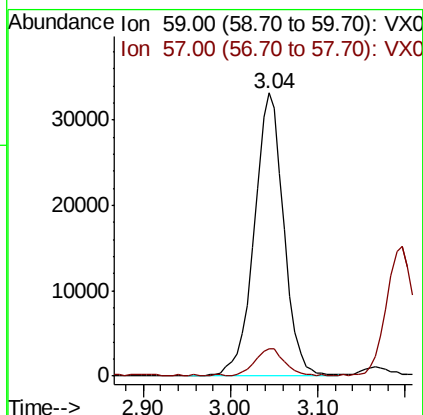
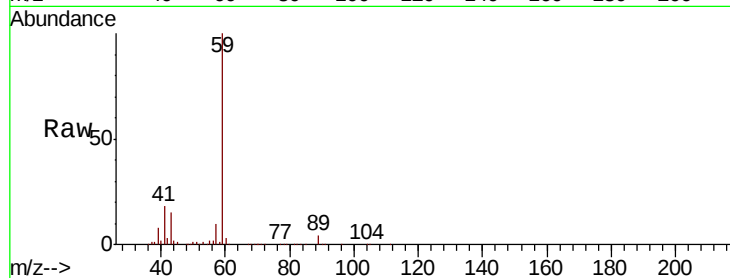


#11

Tert butyl alcohol
Concen: 109.216 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010139.D
Acq: 08 Jun 2019 15:33

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

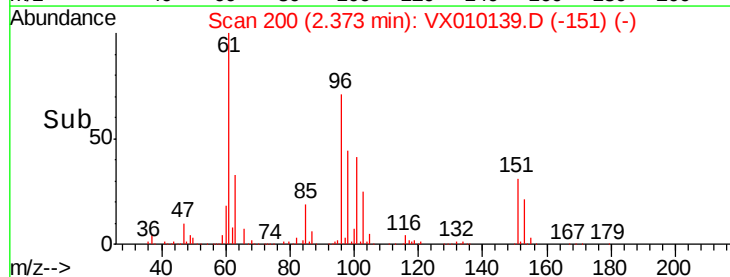
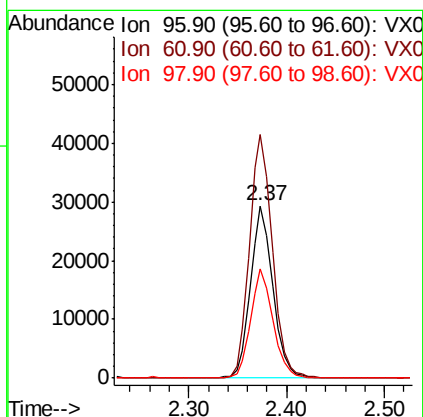
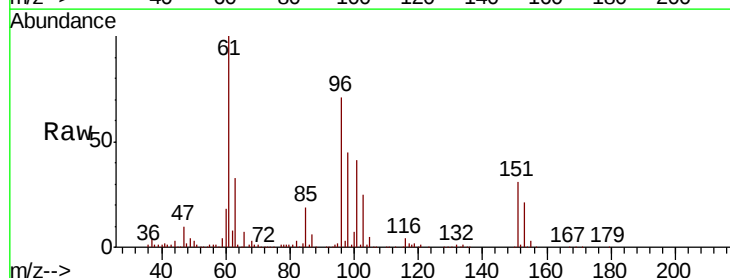
Tgt Ion: 59 Resp: 77907
Ion Ratio Lower Upper
59 100
57 9.1 8.2 12.2

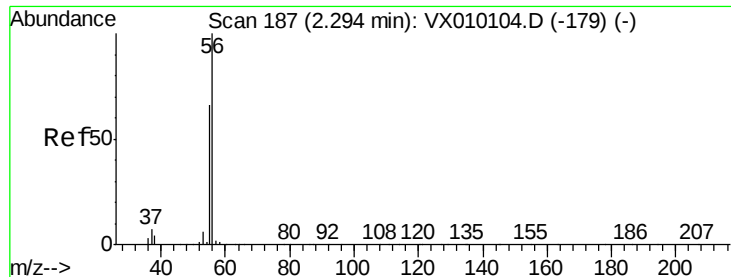


#12

1,1-Dichloroethene
Concen: 17.294 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010139.D
Acq: 08 Jun 2019 15:33

Tgt Ion: 96 Resp: 46339
Ion Ratio Lower Upper
96 100
61 141.5 140.7 211.1
98 62.8 50.1 75.1





#13

Acrolein

Concen: 99.540 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010139.D

Acq: 08 Jun 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

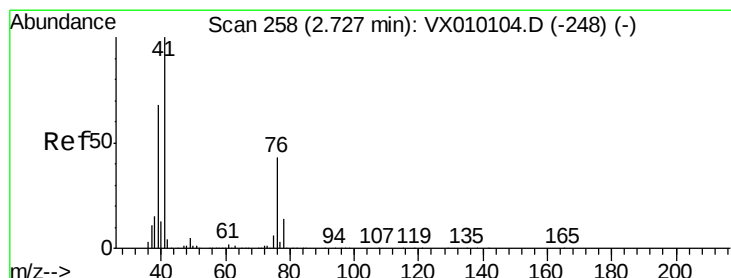
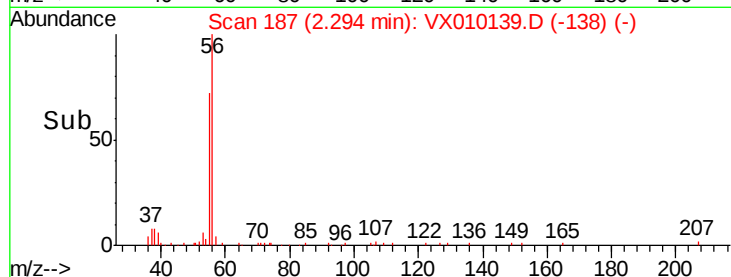
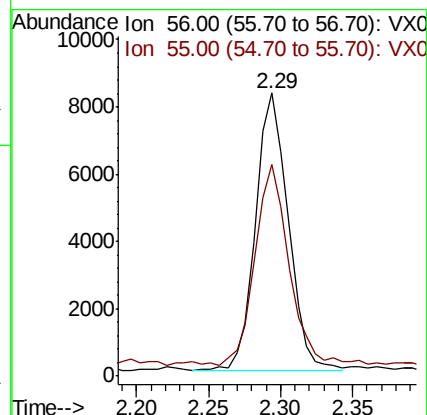
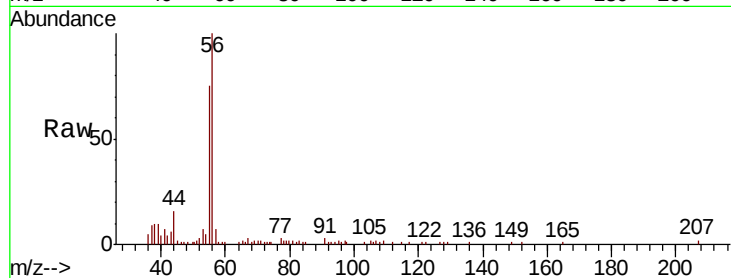
VX0608WBS01

Tgt Ion: 56 Resp: 12947

Ion Ratio Lower Upper

56 100

55 76.6 57.0 85.4



#14

Allyl chloride

Concen: 18.917 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010139.D

Acq: 08 Jun 2019 15:33

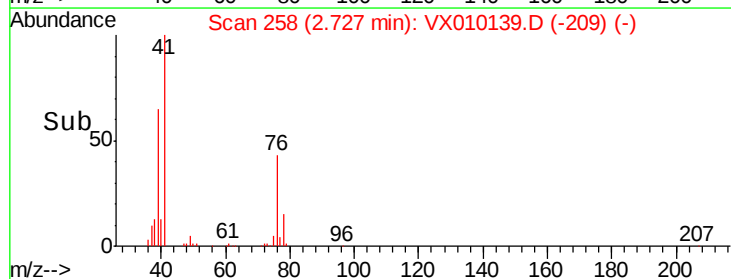
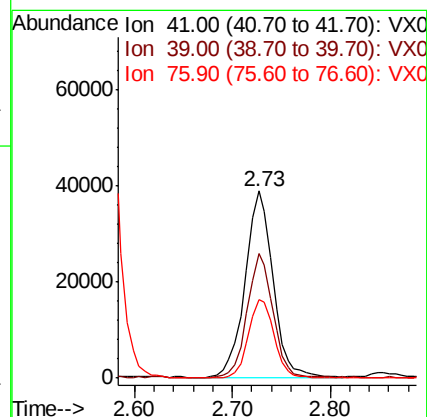
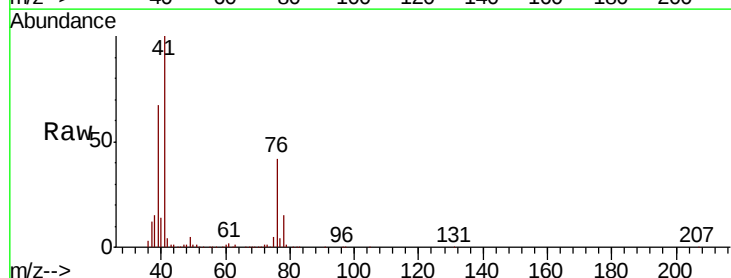
Tgt Ion: 41 Resp: 76511

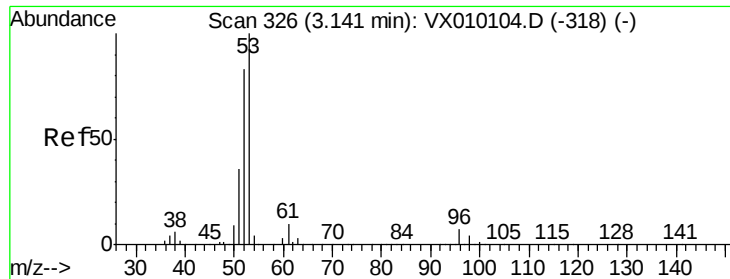
Ion Ratio Lower Upper

41 100

39 61.6 46.7 70.1

76 39.4 21.0 31.4#





#15

Acrylonitrile

Concen: 99.146 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010139.D

Acq: 08 Jun 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS01

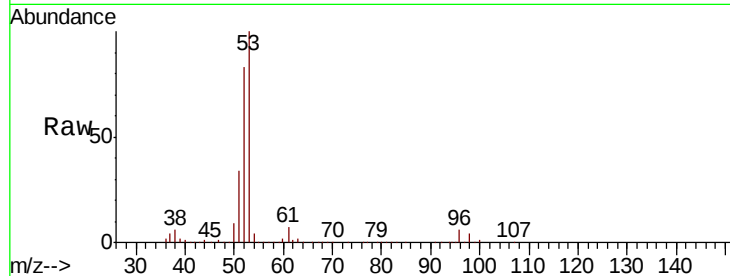
Tgt Ion: 53 Resp: 144557

Ion Ratio Lower Upper

53 100

52 81.9 66.7 100.1

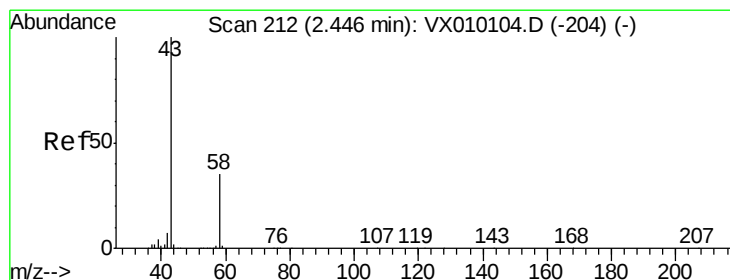
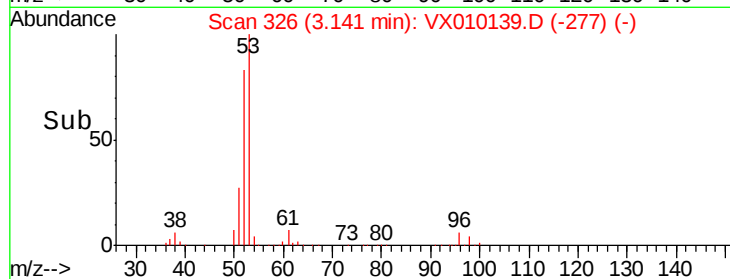
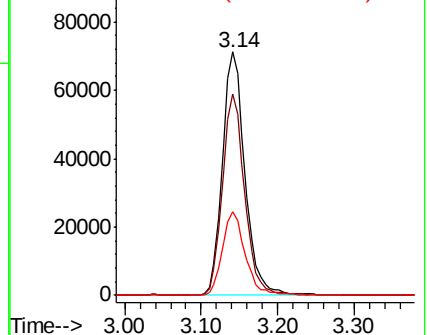
51 35.3 28.8 43.2



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: 99.930 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010139.D

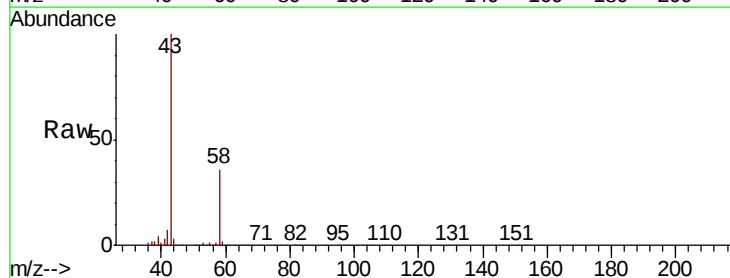
Acq: 08 Jun 2019 15:33

Tgt Ion: 43 Resp: 136861

Ion Ratio Lower Upper

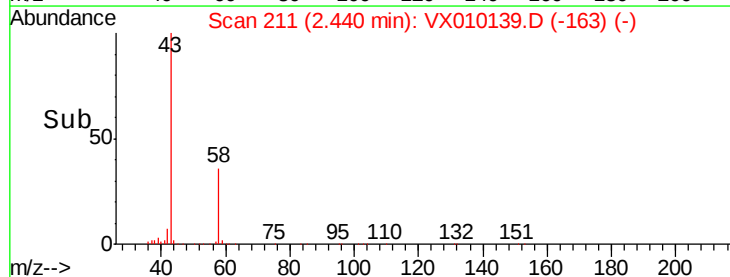
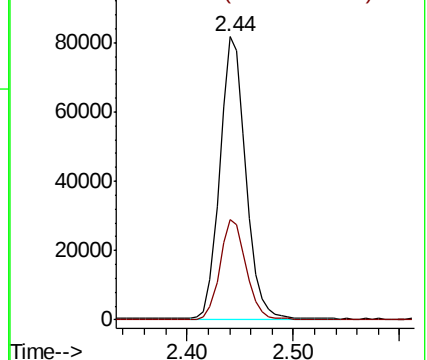
43 100

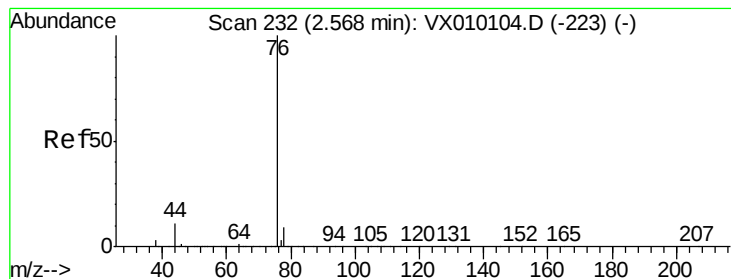
58 35.6 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.165 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010139.D

Acq: 08 Jun 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

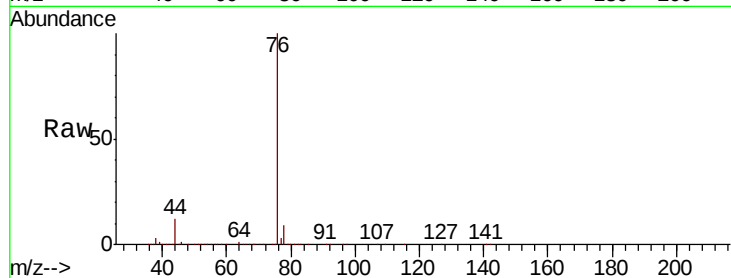
VX0608WBS01

Tgt Ion: 76 Resp: 140636

Ion Ratio Lower Upper

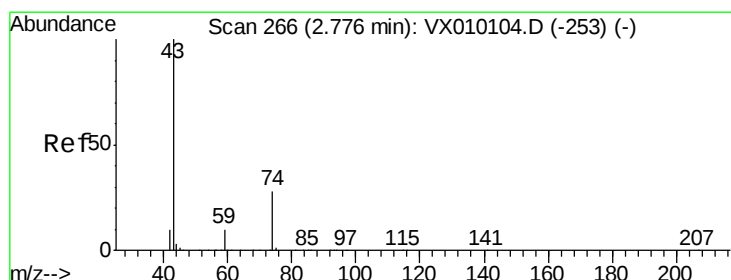
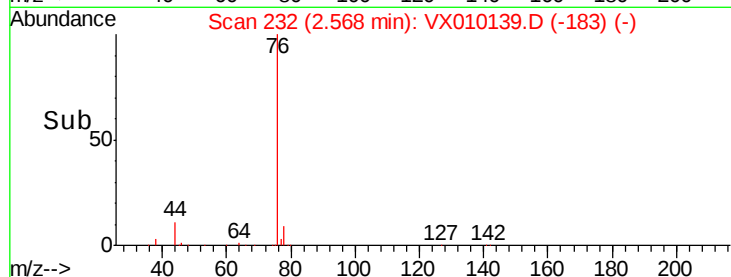
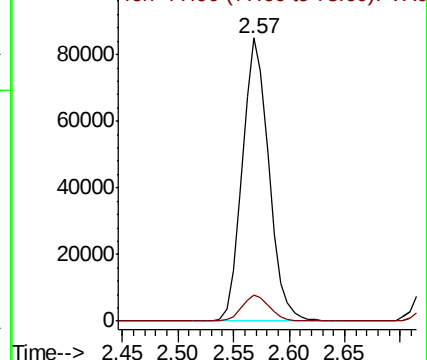
76 100

78 9.3 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.963 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX010139.D

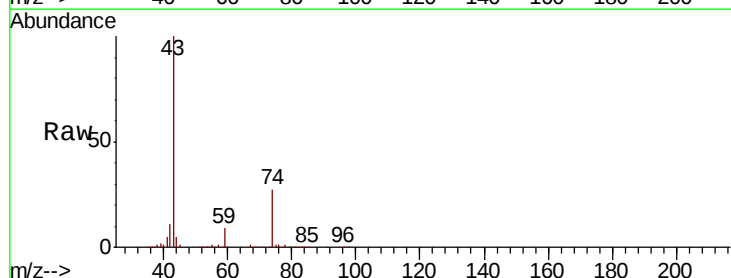
Acq: 08 Jun 2019 15:33

Tgt Ion: 43 Resp: 57115

Ion Ratio Lower Upper

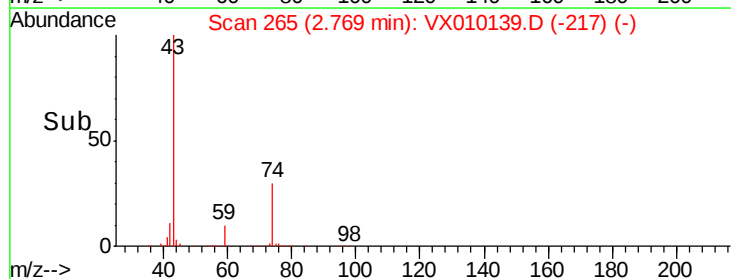
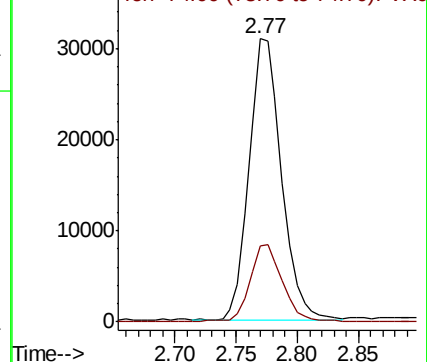
43 100

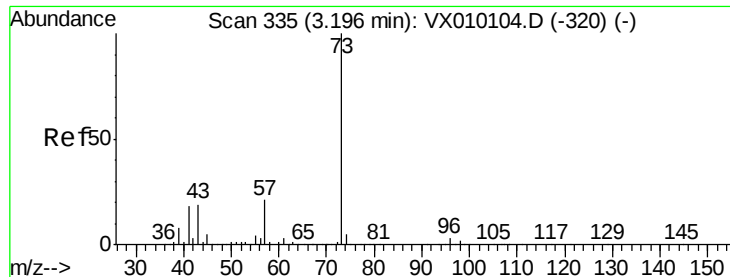
74 27.9 15.8 23.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

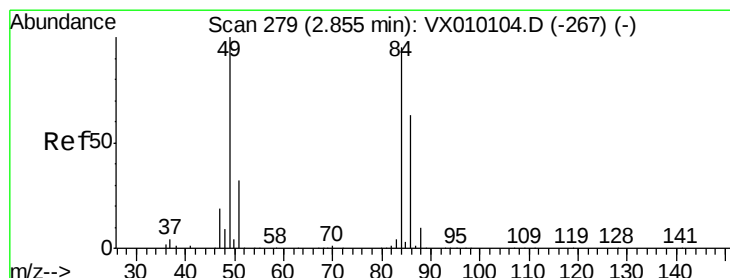
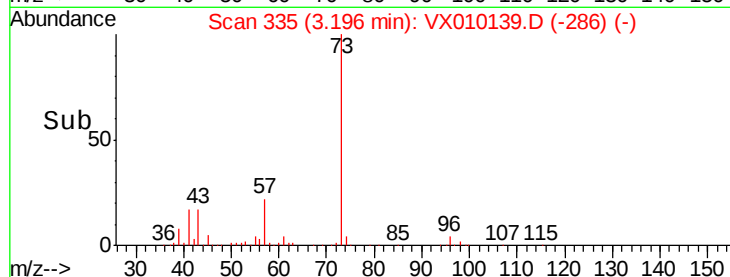
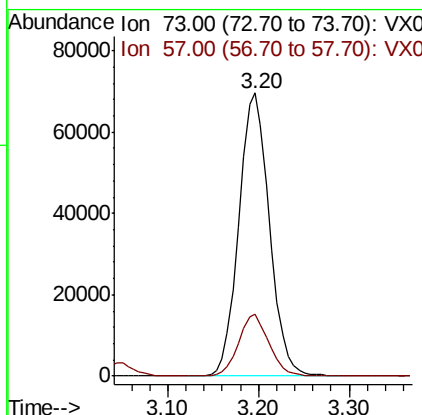
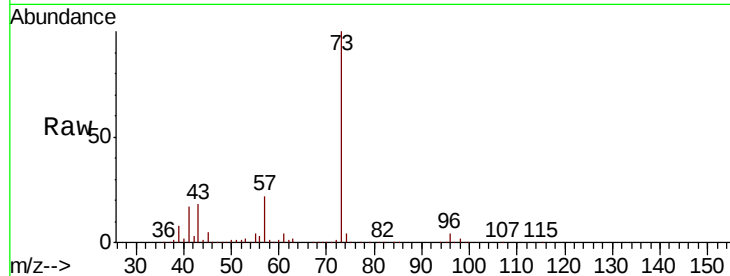




#19
Methyl tert-butyl Ether
Concen: 18.843 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010139.D
Acq: 08 Jun 2019 15:33

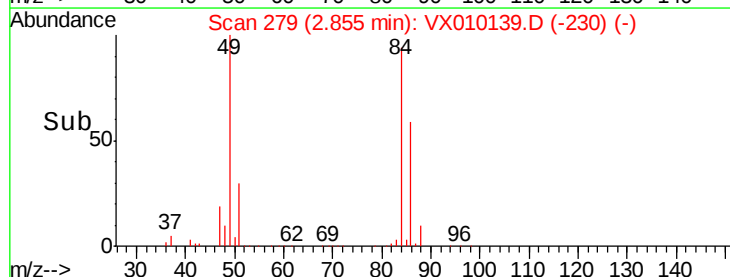
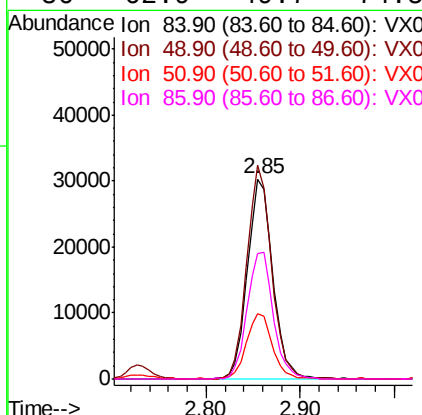
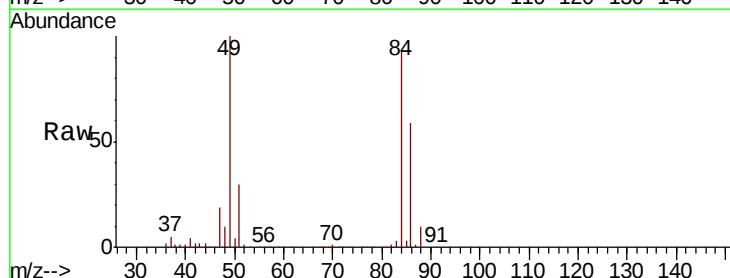
Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

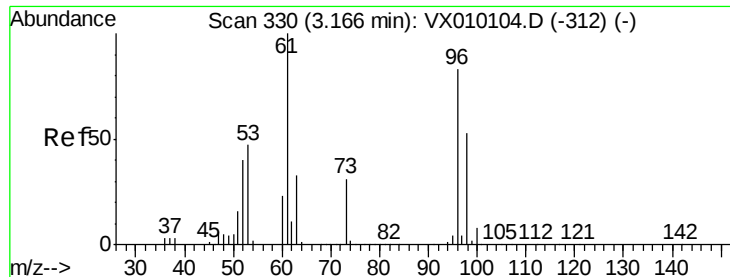
Tgt Ion: 73 Resp: 162209
Ion Ratio Lower Upper
73 100
57 21.6 19.4 29.2



#20
Methylene Chloride
Concen: 19.046 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010139.D
Acq: 08 Jun 2019 15:33

Tgt Ion: 84 Resp: 57286
Ion Ratio Lower Upper
84 100
49 106.8 115.8 173.6#
51 32.2 34.4 51.6#
86 62.9 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 18.942 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010139.D

Acq: 08 Jun 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS01

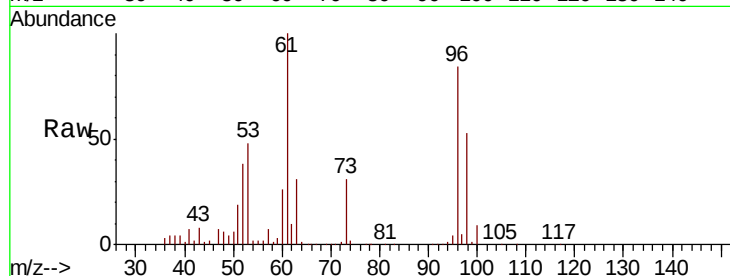
Tgt Ion: 96 Resp: 56169

Ion Ratio Lower Upper

96 100

61 119.7 125.7 188.5#

98 63.4 49.0 73.6

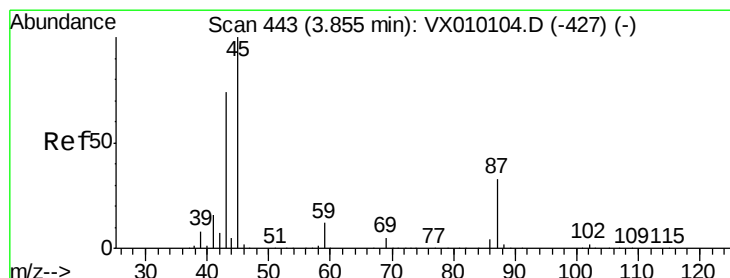
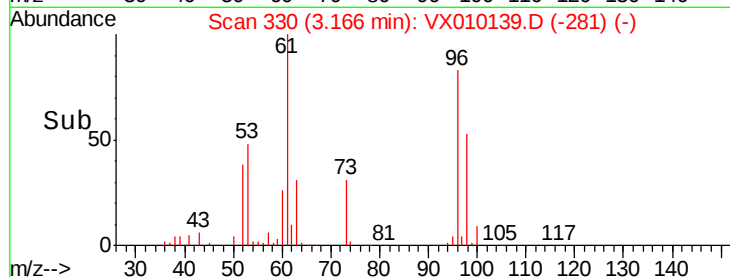
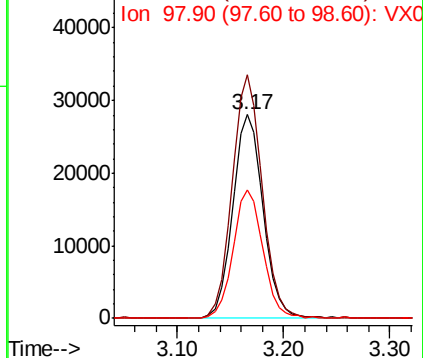


Abundance

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: 19.476 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010139.D

Acq: 08 Jun 2019 15:33

Tgt Ion: 45 Resp: 150608

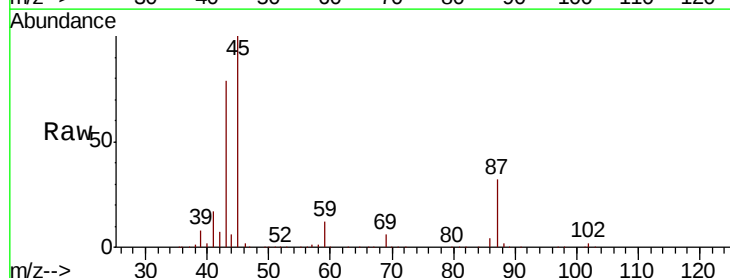
Ion Ratio Lower Upper

45 100

43 77.9 65.0 97.4

87 31.7 17.3 25.9#

59 12.3 8.1 12.1#



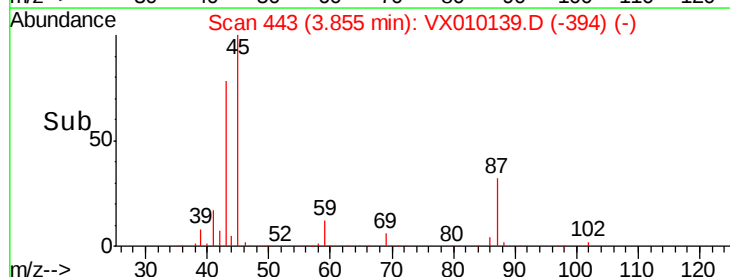
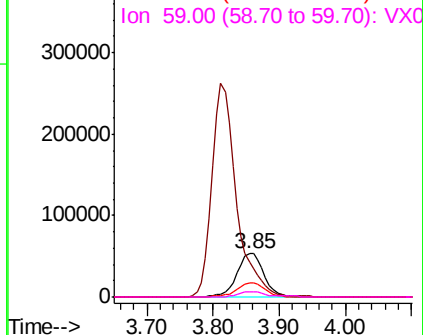
Abundance

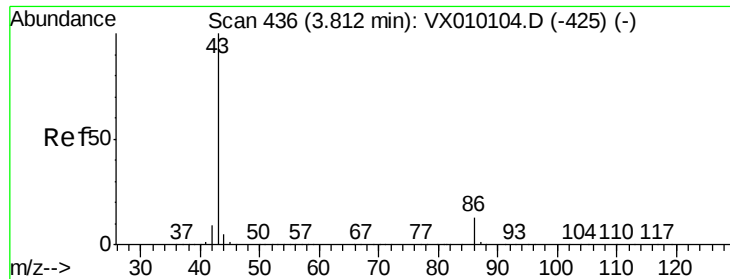
Ion 45.00 (44.70 to 45.70): VX0

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: 97.907 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX010139.D

Acq: 08 Jun 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

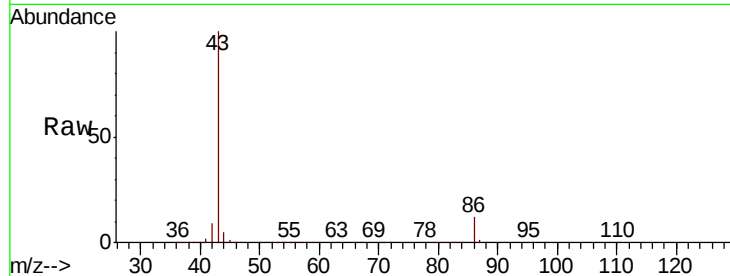
VX0608WBS01

Tgt Ion: 43 Resp: 675433

Ion Ratio Lower Upper

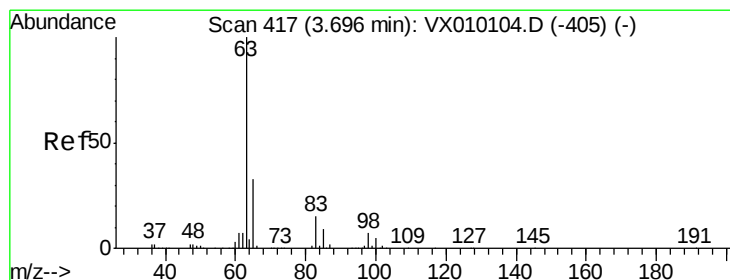
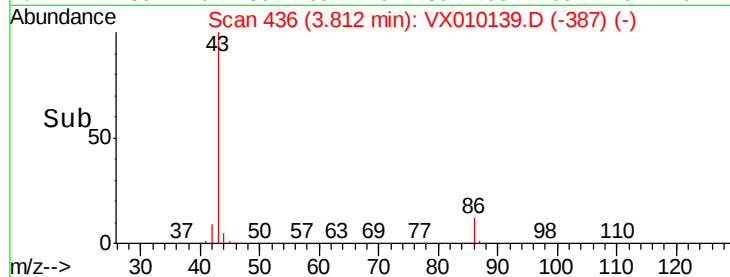
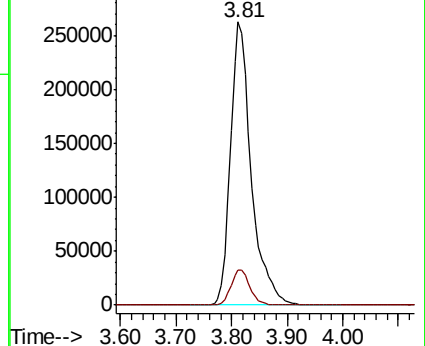
43 100

86 12.4 6.5 9.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.917 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010139.D

Acq: 08 Jun 2019 15:33

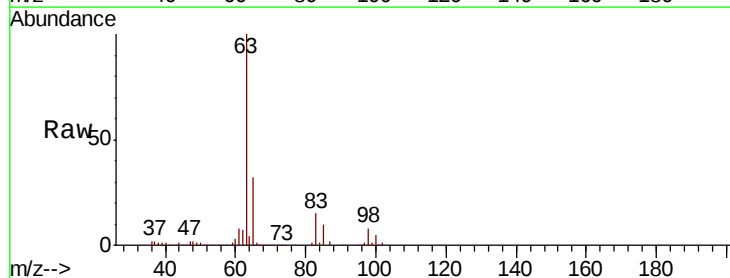
Tgt Ion: 63 Resp: 88817

Ion Ratio Lower Upper

63 100

98 7.8 2.9 8.8

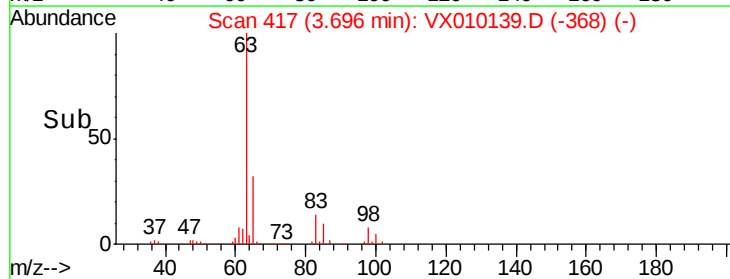
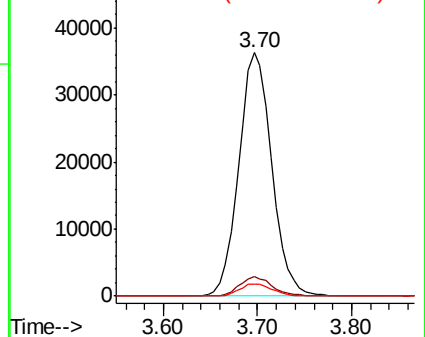
100 4.9 1.8 5.4

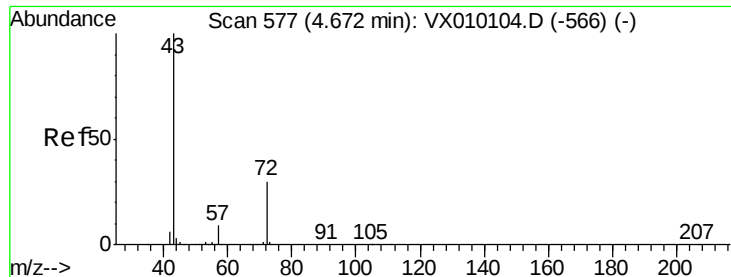


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 101.123 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010139.D

Acq: 08 Jun 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

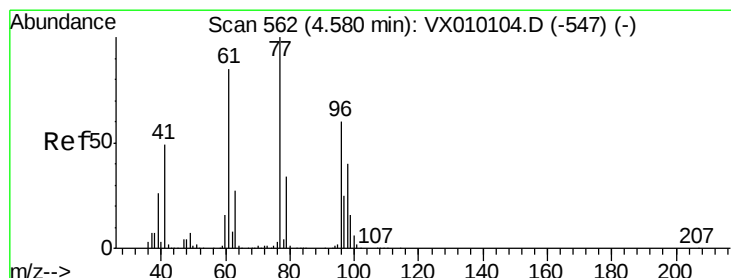
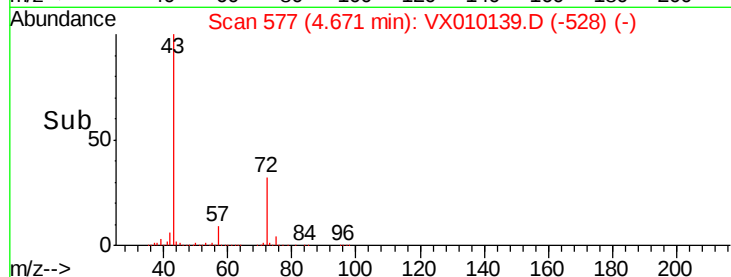
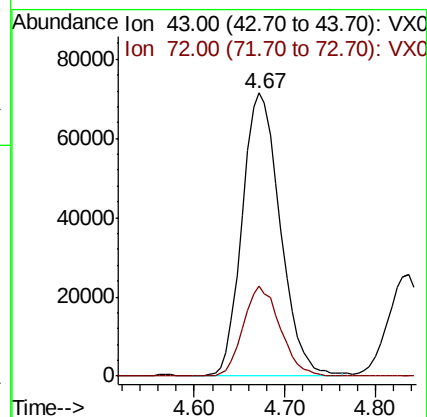
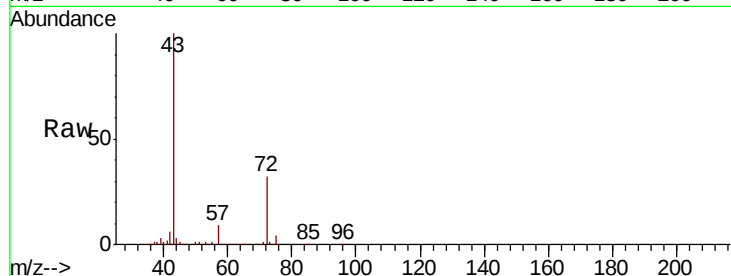
VX0608WBS01

Tgt Ion: 43 Resp: 206232

Ion Ratio Lower Upper

43 100

72 31.8 17.5 26.3#



#26

2,2-Dichloropropane

Concen: 19.029 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010139.D

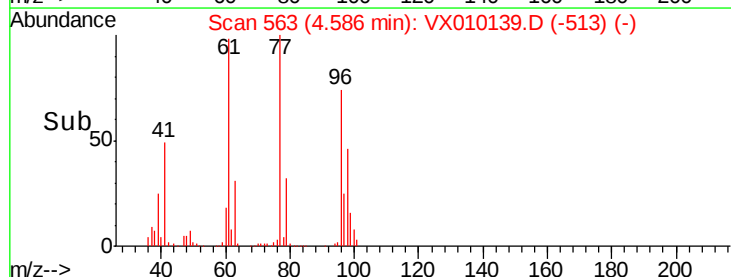
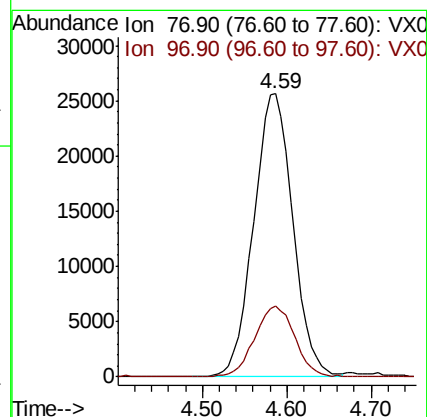
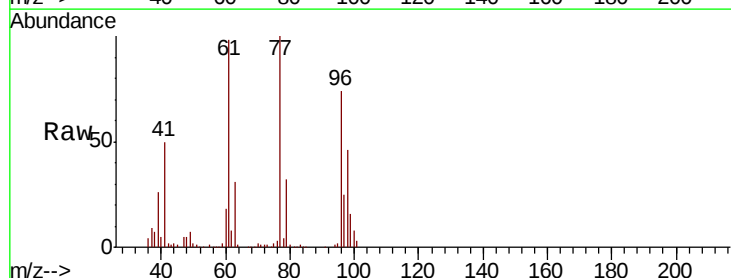
Acq: 08 Jun 2019 15:33

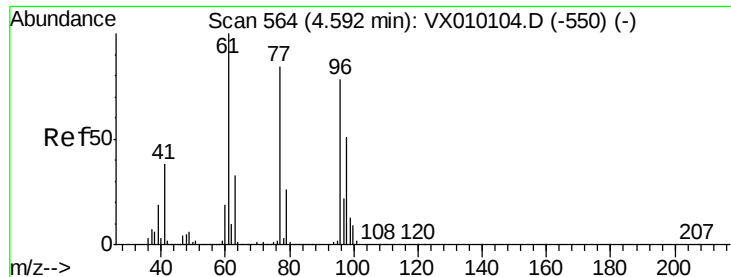
Tgt Ion: 77 Resp: 81509

Ion Ratio Lower Upper

77 100

97 26.0 11.4 34.2



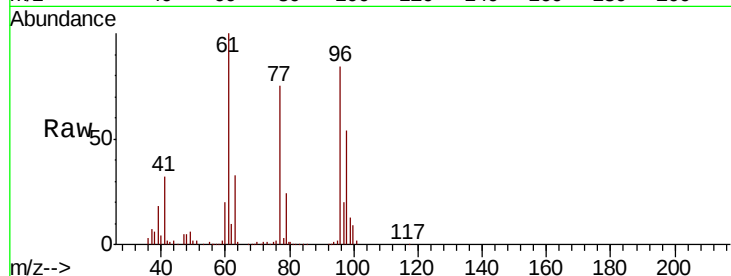


#27

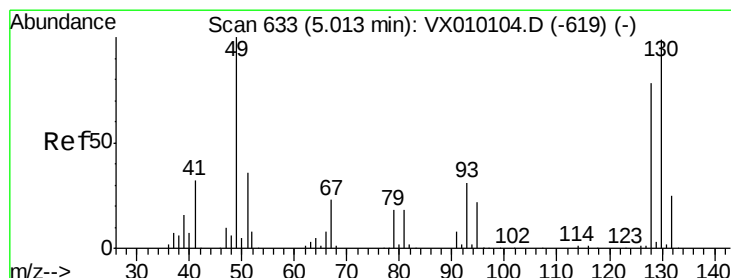
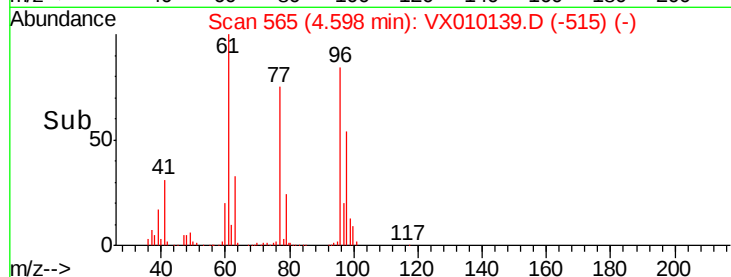
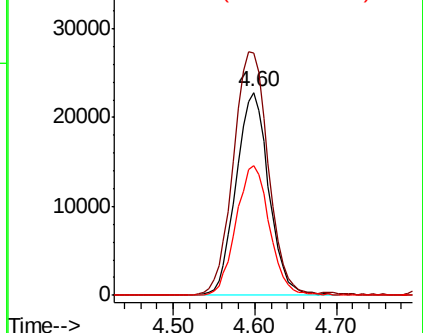
cis-1,2-Dichloroethene
Concen: 19.357 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX010139.D
Acq: 08 Jun 2019 15:33

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

Tgt Ion: 96 Resp: 63856
Ion Ratio Lower Upper
96 100
61 128.0 0.0 334.0
98 65.3 0.0 131.6



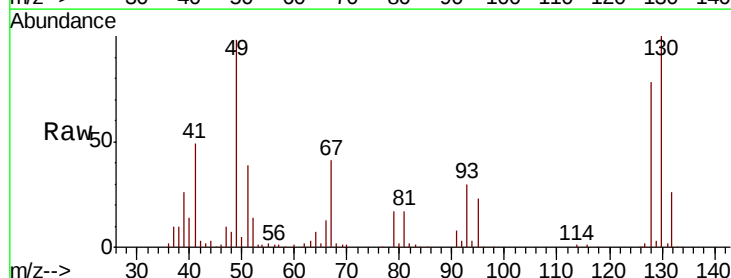
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



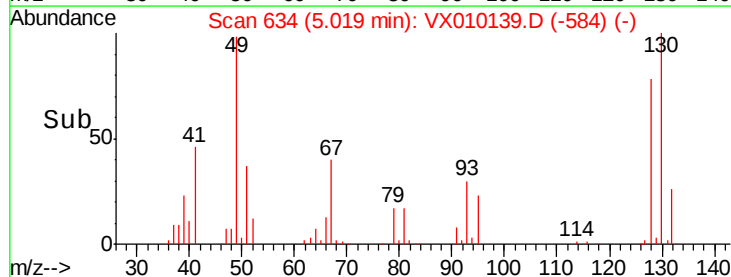
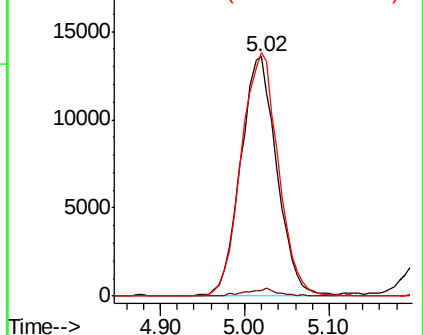
#28

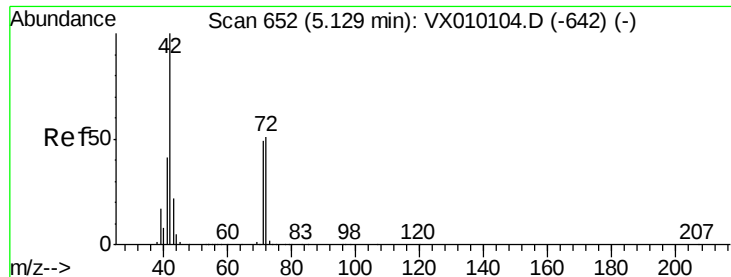
Bromochloromethane
Concen: 18.835 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010139.D
Acq: 08 Jun 2019 15:33

Tgt Ion: 49 Resp: 39634
Ion Ratio Lower Upper
49 100
129 2.6 0.0 3.4
130 103.8 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: 98.667 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX010139.D

Acq: 08 Jun 2019 15:33

Instrument :

MSVOA_X

ClientSampled :

VX0608WBS01

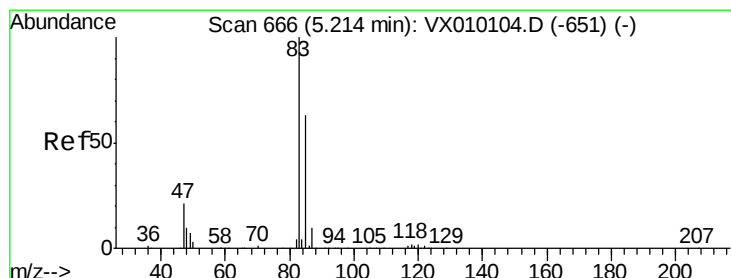
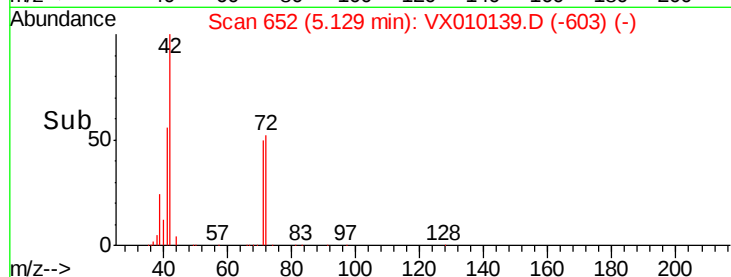
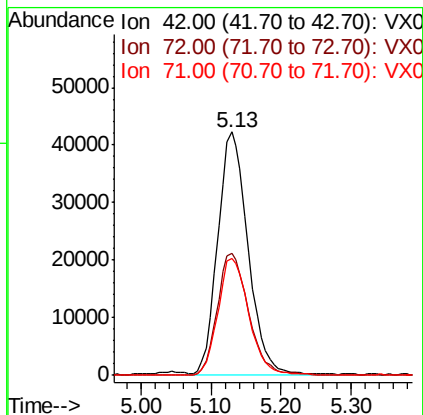
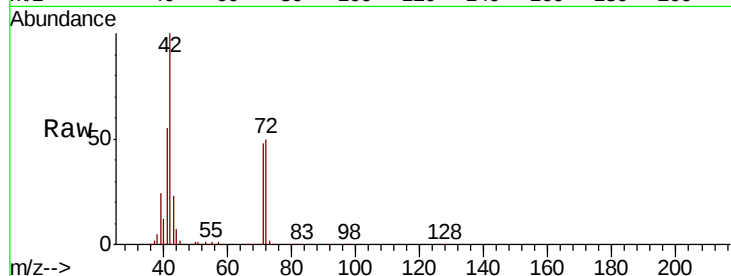
Tgt Ion: 42 Resp: 126459

Ion Ratio Lower Upper

42 100

72 52.4 29.2 43.8#

71 49.5 27.6 41.4#



#30

Chloroform

Concen: 19.459 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX010139.D

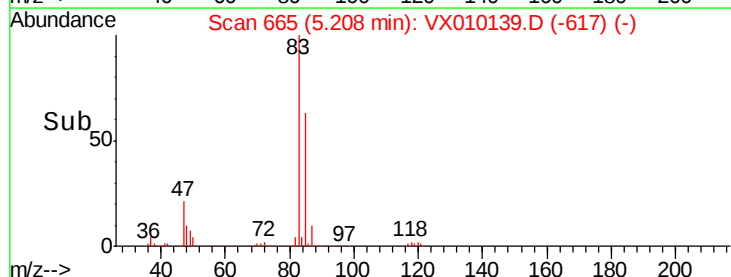
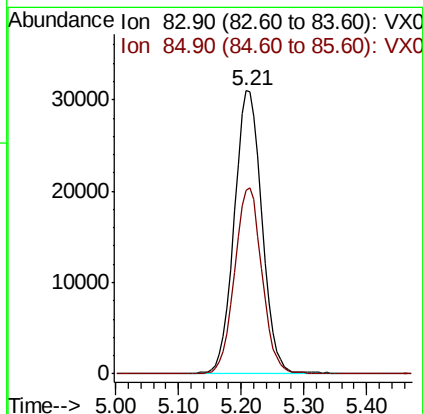
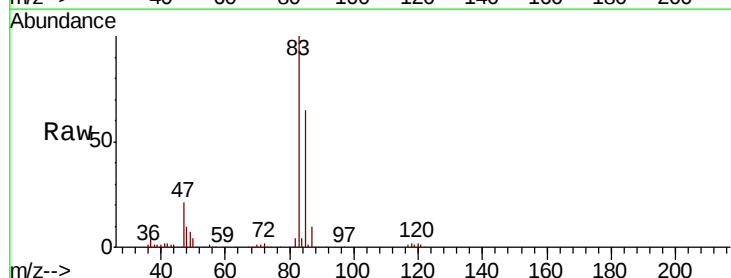
Acq: 08 Jun 2019 15:33

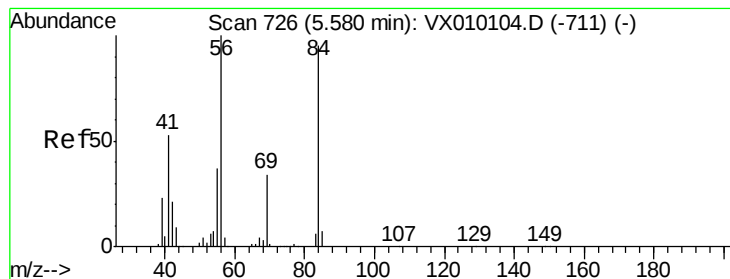
Tgt Ion: 83 Resp: 94886

Ion Ratio Lower Upper

83 100

85 64.7 52.6 78.8





#31

Cyclohexane

Concen: 19.976 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010139.D

Acq: 08 Jun 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS01

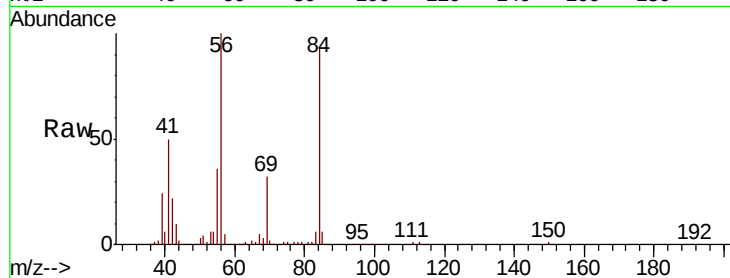
Tgt Ion: 56 Resp: 84648

Ion Ratio Lower Upper

56 100

69 31.4 21.6 32.4

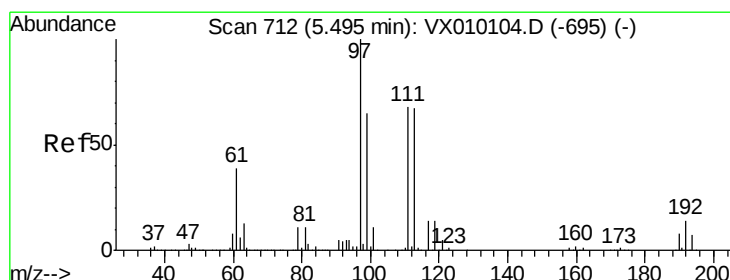
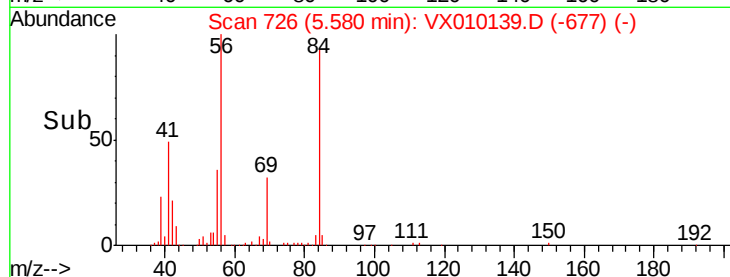
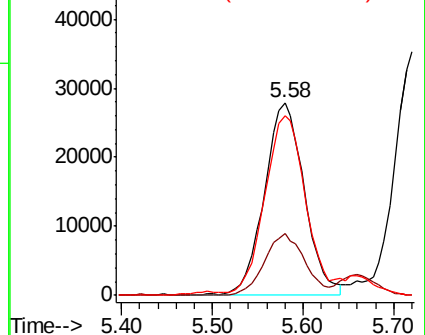
84 92.0 56.8 85.2#



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: 18.669 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010139.D

Acq: 08 Jun 2019 15:33

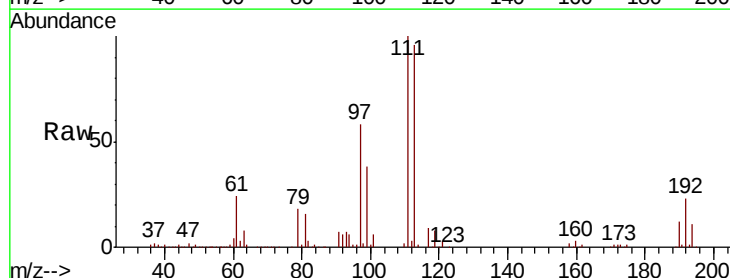
Tgt Ion: 97 Resp: 85581

Ion Ratio Lower Upper

97 100

99 65.1 51.0 76.4

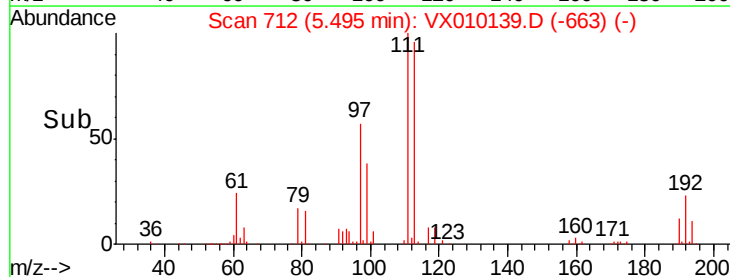
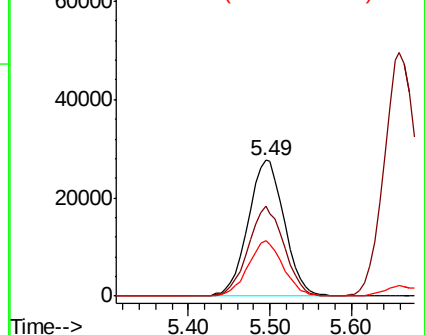
61 39.4 38.7 58.1

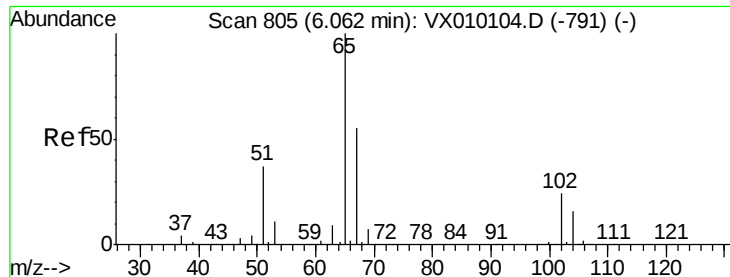


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.925 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010139.D

Acq: 08 Jun 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

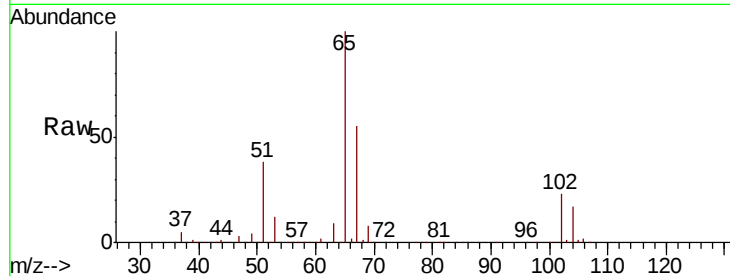
VX0608WBS01

Tgt Ion: 65 Resp: 139552

Ion Ratio Lower Upper

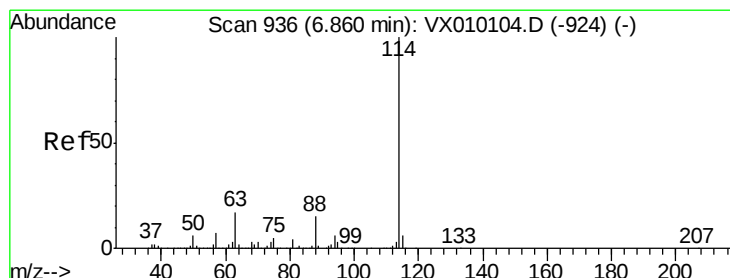
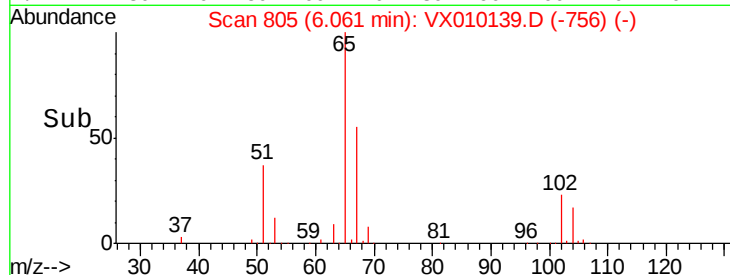
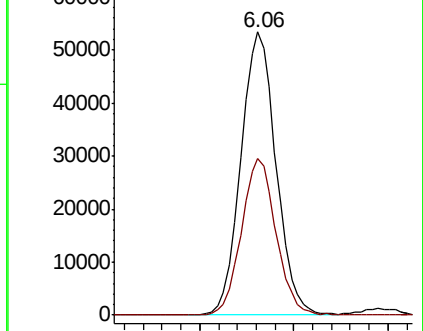
65 100

67 54.6 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: VX010139.D

Acq: 08 Jun 2019 15:33

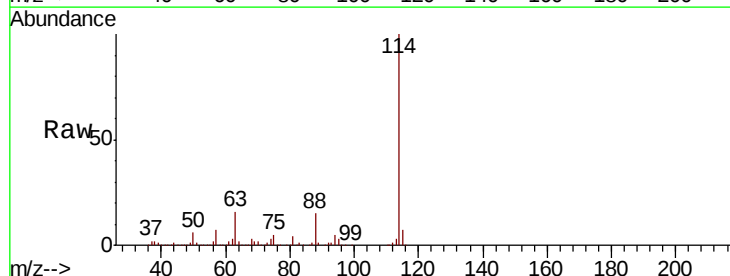
Tgt Ion: 114 Resp: 450007

Ion Ratio Lower Upper

114 100

63 16.3 0.0 47.4

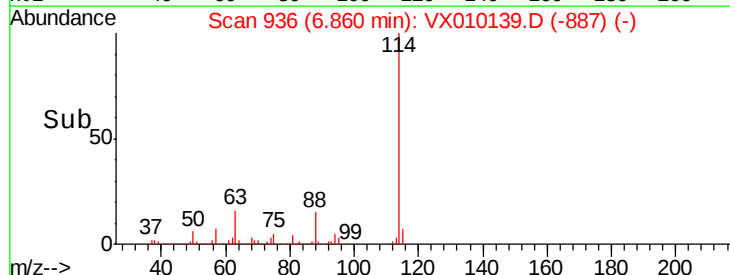
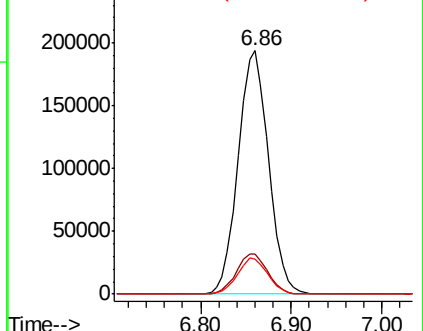
88 14.6 0.0 33.0

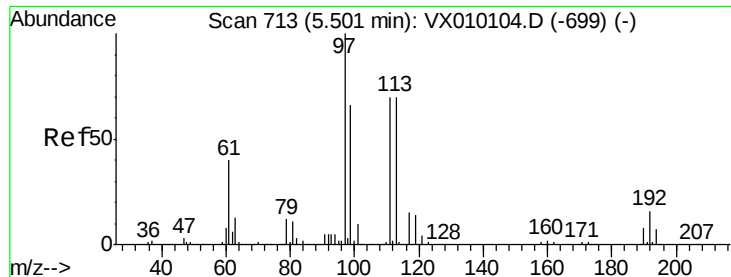


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

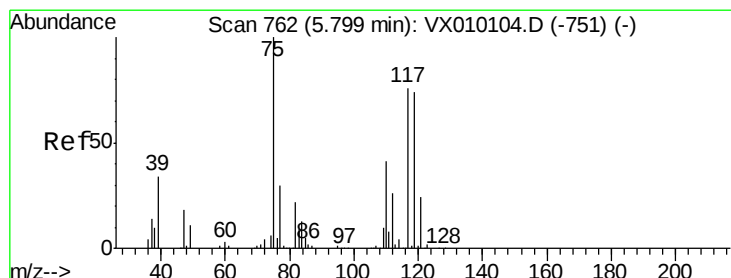
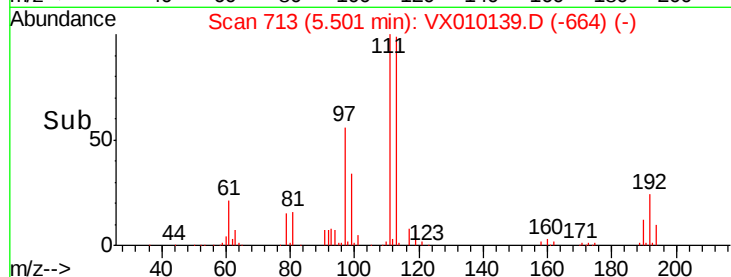
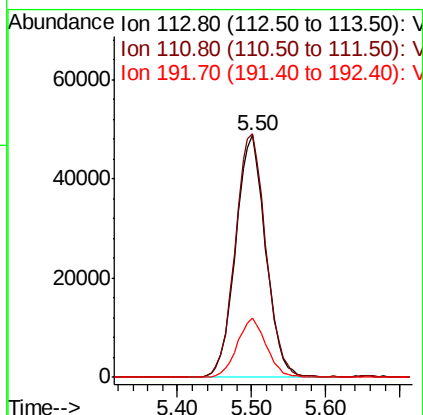
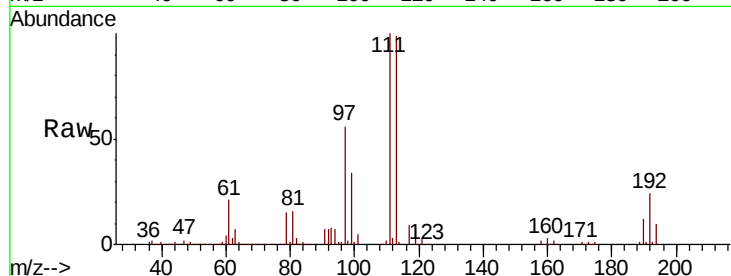




#35
 Dibromofluoromethane
 Concen: 49.752 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX010139.D
 Acq: 08 Jun 2019 15:33

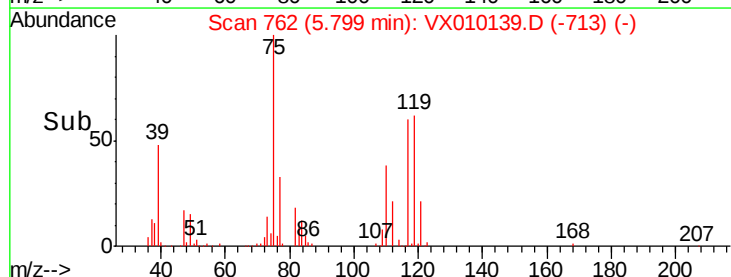
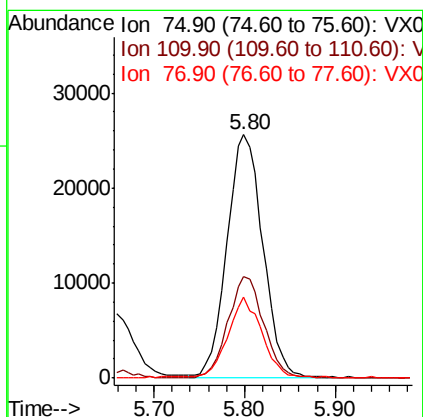
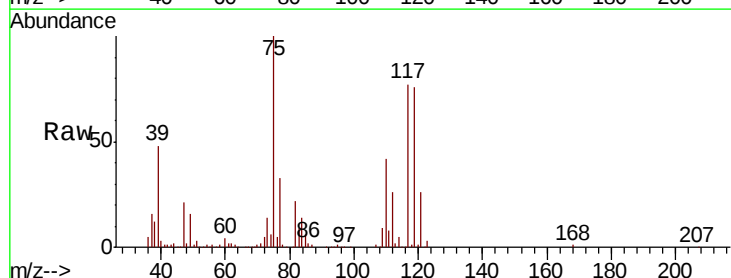
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS01

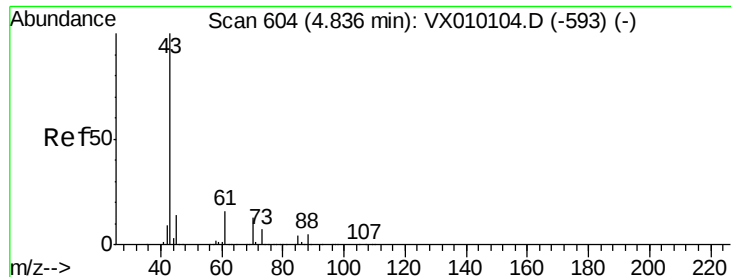
Tgt Ion:113 Resp: 138100
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.2 123.2
 192 23.6 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 19.033 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX010139.D
 Acq: 08 Jun 2019 15:33

Tgt Ion: 75 Resp: 69878
 Ion Ratio Lower Upper
 75 100
 110 41.6 16.7 50.1
 77 32.1 25.0 37.4

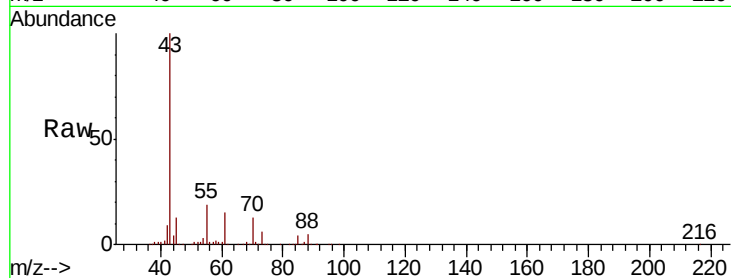




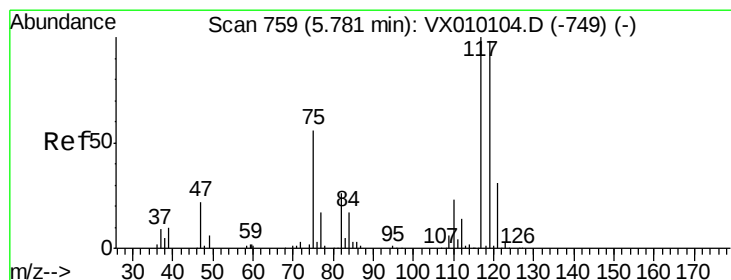
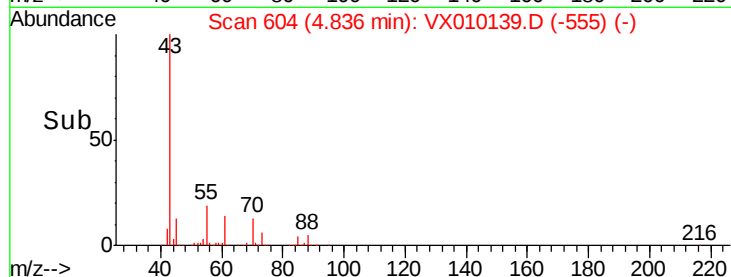
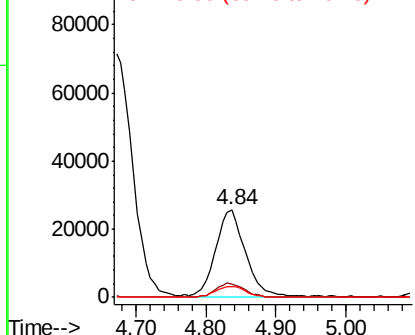
#37
Ethyl Acetate
Concen: 19.601 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX010139.D
Acq: 08 Jun 2019 15:33

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

Tgt Ion: 43 Resp: 74874
Ion Ratio Lower Upper
43 100
61 16.6 10.2 15.2#
70 13.3 7.4 11.2#

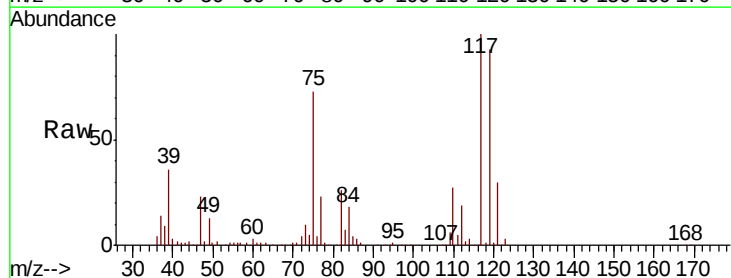


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

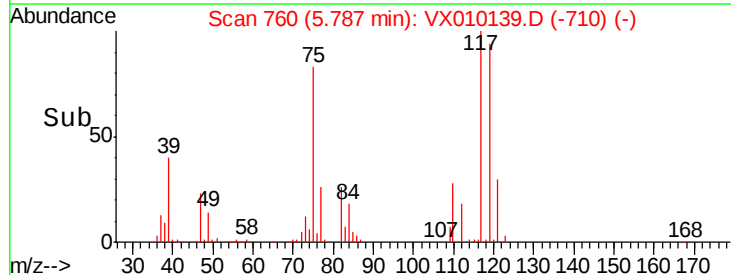
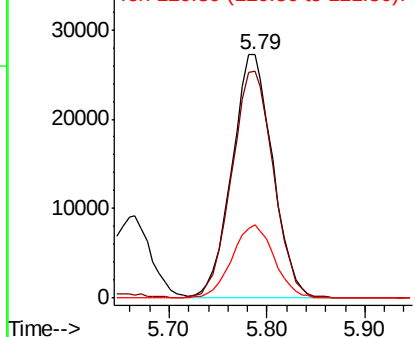


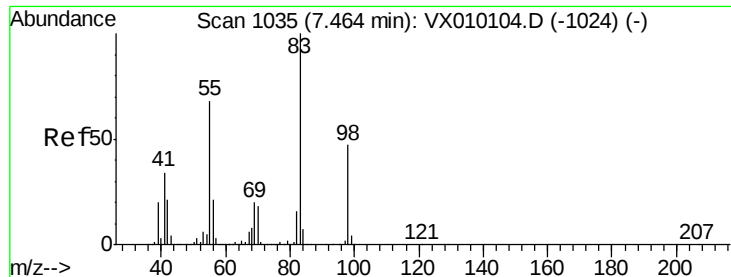
#38
Carbon Tetrachloride
Concen: 18.971 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX010139.D
Acq: 08 Jun 2019 15:33

Tgt Ion: 117 Resp: 78836
Ion Ratio Lower Upper
117 100
119 93.1 77.3 115.9
121 30.1 25.4 38.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

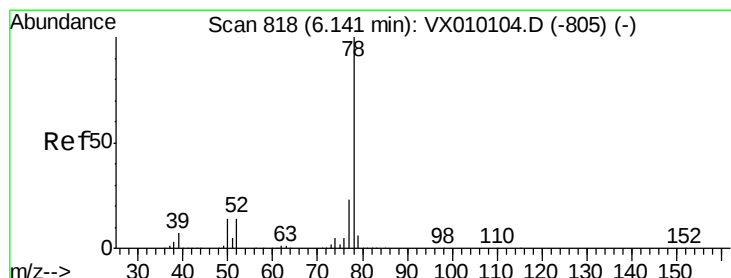
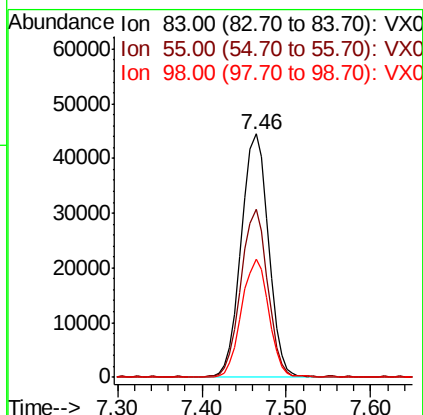
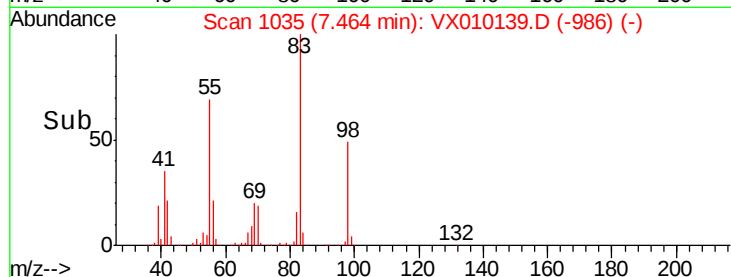
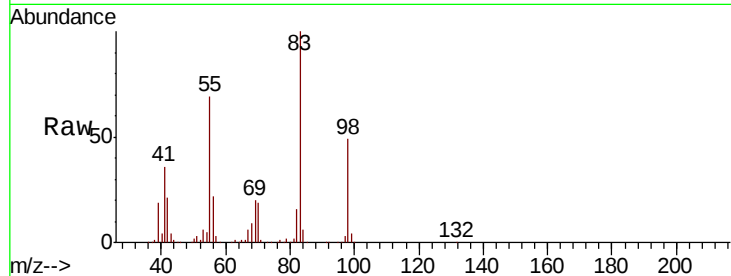




#39
Methylcyclohexane
Concen: 19.479 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010139.D
Acq: 08 Jun 2019 15:33

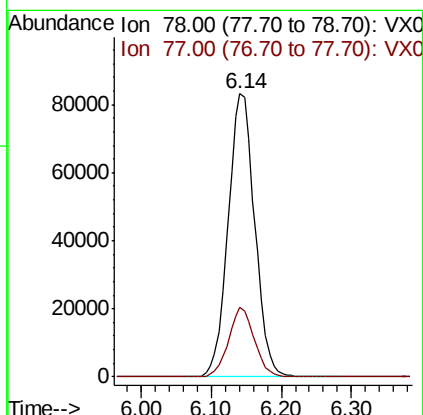
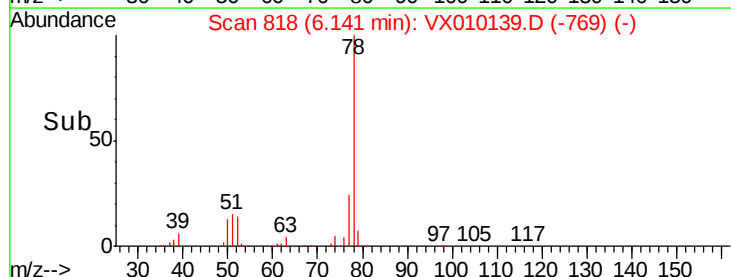
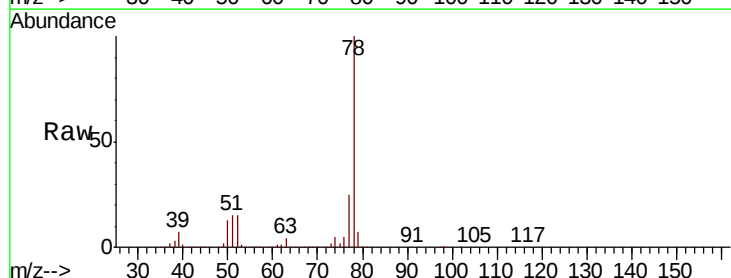
Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

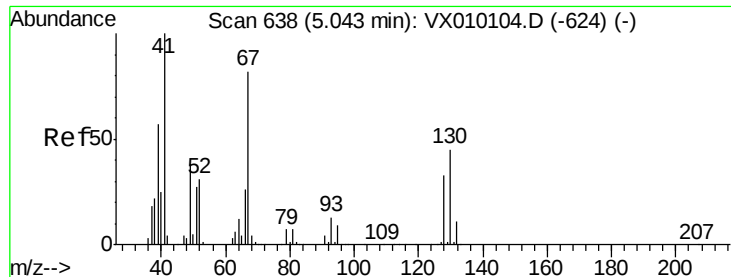
Tgt Ion: 83 Resp: 97380
Ion Ratio Lower Upper
83 100
55 69.0 69.9 104.9#
98 48.6 35.1 52.7



#40
Benzene
Concen: 19.388 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010139.D
Acq: 08 Jun 2019 15:33

Tgt Ion: 78 Resp: 220102
Ion Ratio Lower Upper
78 100
77 24.6 19.2 28.8





#41

Methacrylonitrile

Concen: 19.207 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX010139.D

Acq: 08 Jun 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS01

Tgt Ion: 41 Resp: 39689

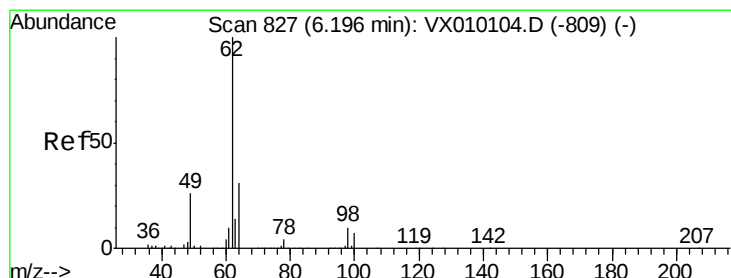
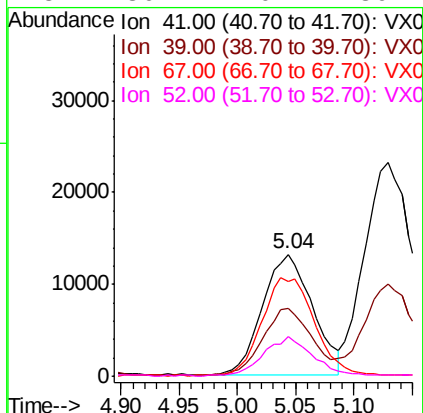
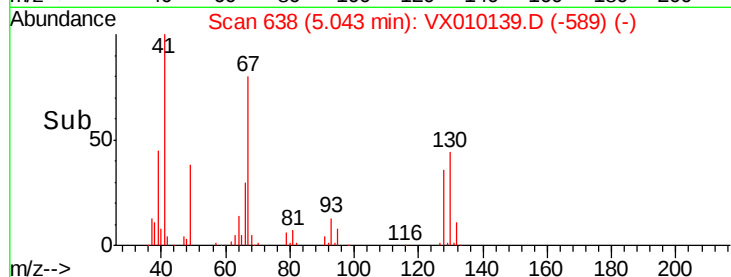
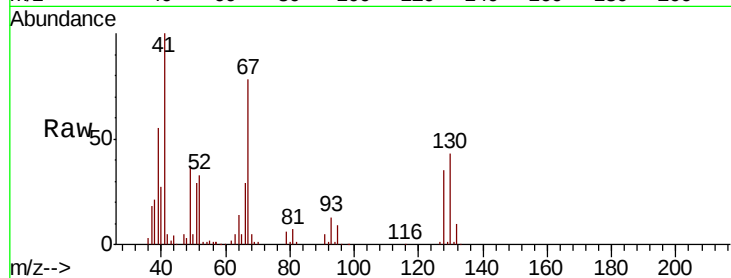
Ion Ratio Lower Upper

41 100

39 52.2 42.2 63.4

67 84.0 48.9 73.3#

52 30.7 20.1 30.1#



#42

1,2-Dichloroethane

Concen: 18.743 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX010139.D

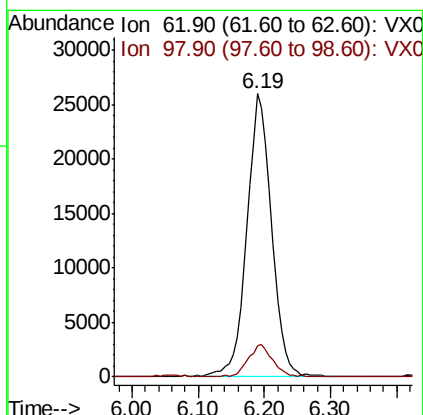
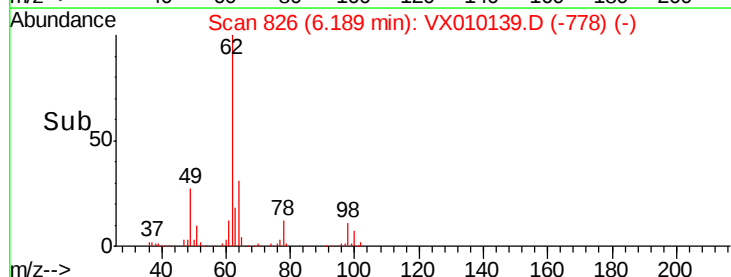
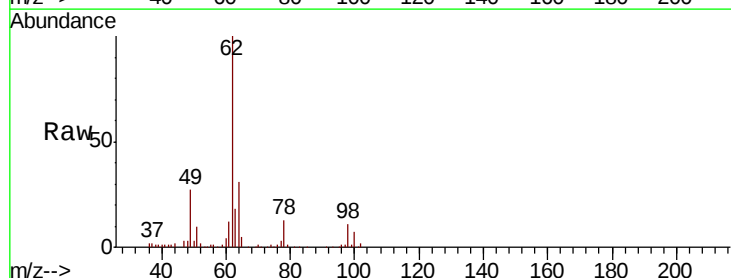
Acq: 08 Jun 2019 15:33

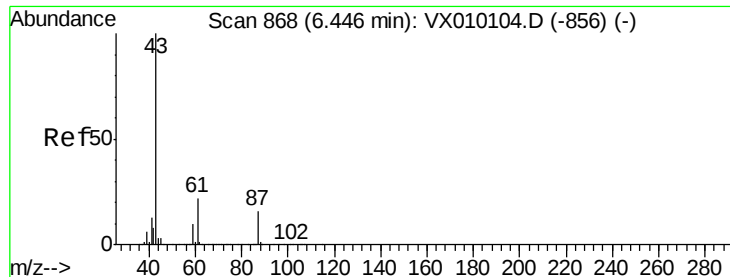
Tgt Ion: 62 Resp: 67930

Ion Ratio Lower Upper

62 100

98 11.4 0.0 17.2





#43

Isopropyl Acetate

Concen: 18.994 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010139.D

Acq: 08 Jun 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS01

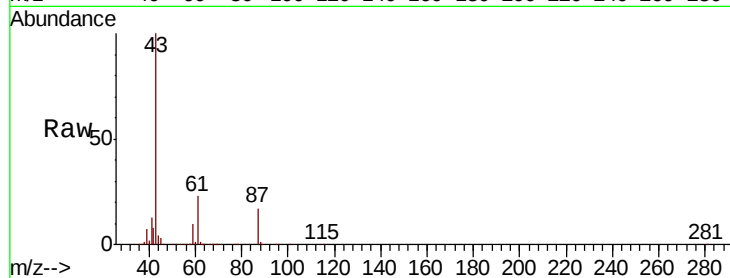
Tgt Ion: 43 Resp: 121316

Ion Ratio Lower Upper

43 100

61 22.6 14.6 21.8#

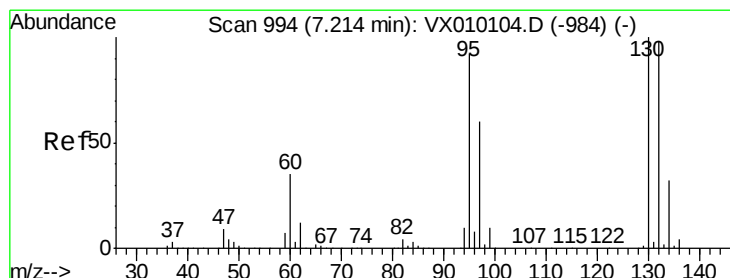
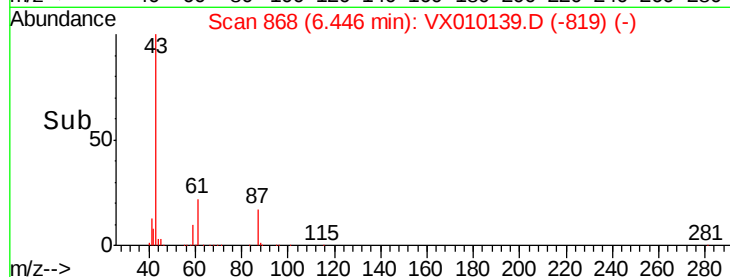
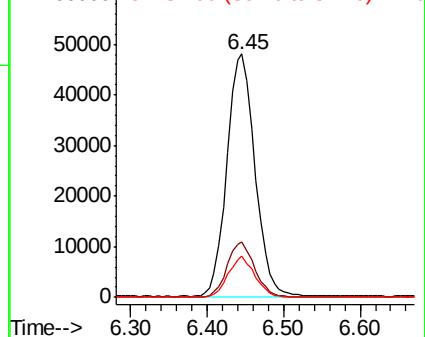
87 16.1 8.7 13.1#



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: 19.623 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010139.D

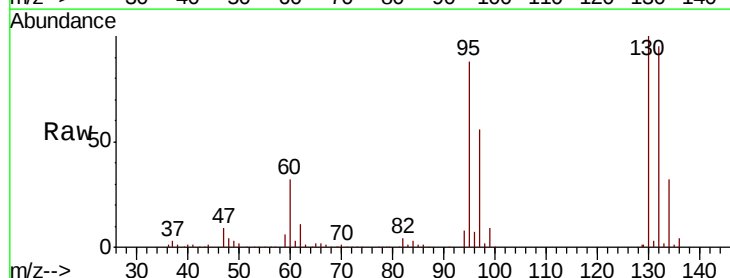
Acq: 08 Jun 2019 15:33

Tgt Ion: 130 Resp: 67150

Ion Ratio Lower Upper

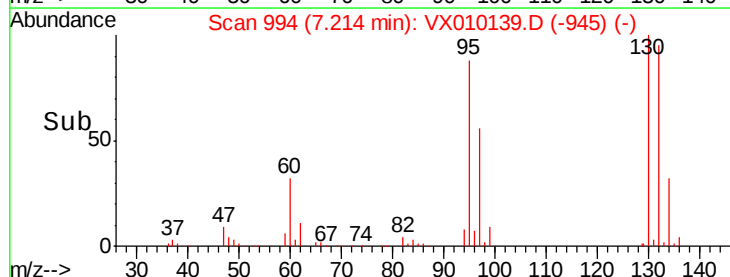
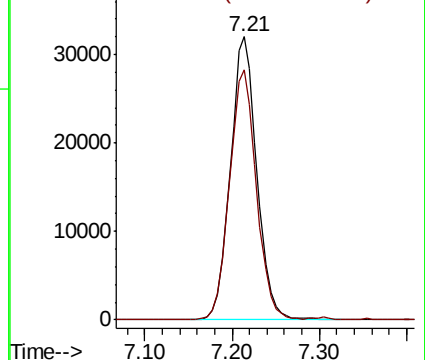
130 100

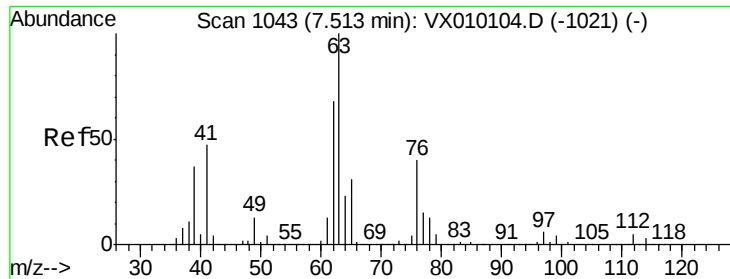
95 88.2 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

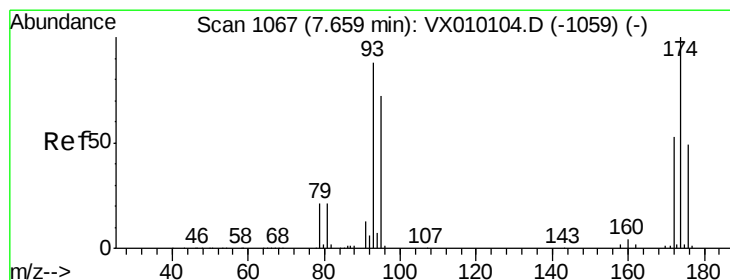
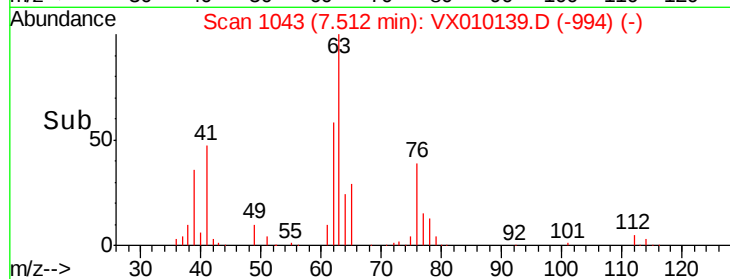
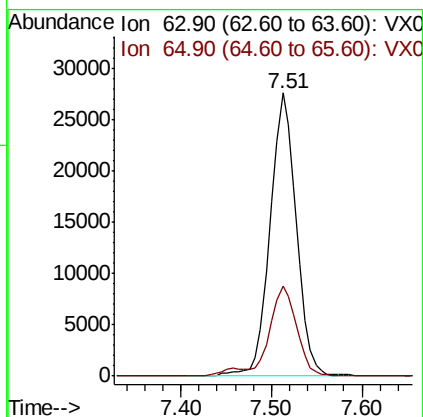
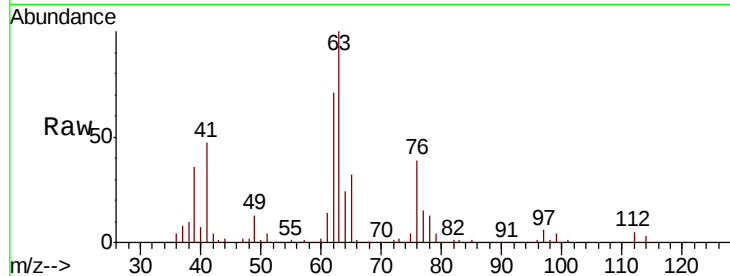




#45
 1,2-Dichloropropane
 Concen: 19.490 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX010139.D
 Acq: 08 Jun 2019 15:33

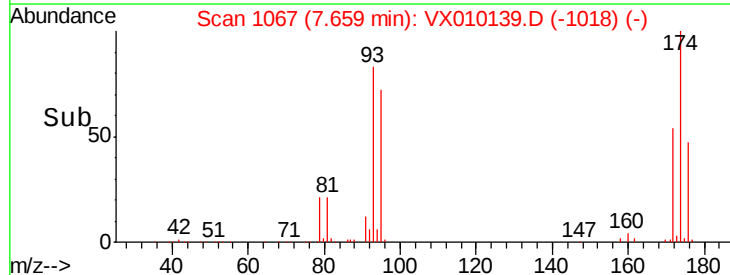
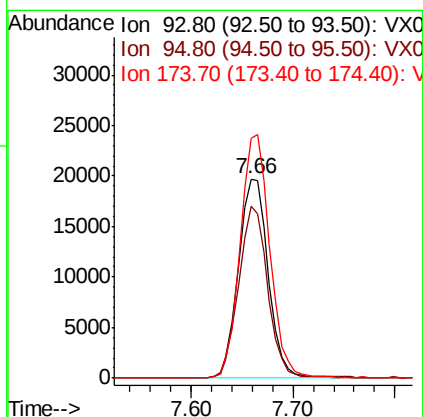
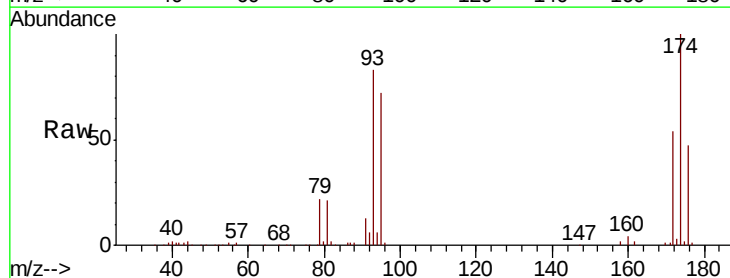
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS01

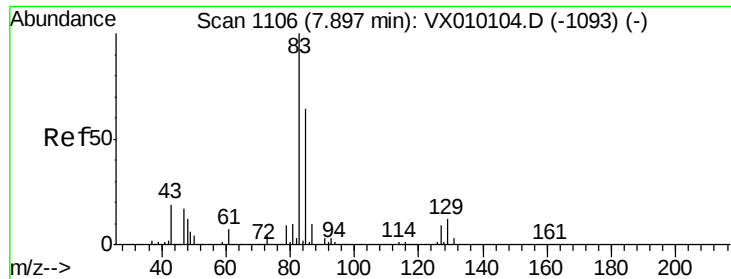
Tgt Ion: 63 Resp: 55380
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.7 38.5



#46
 Dibromomethane
 Concen: 18.701 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX010139.D
 Acq: 08 Jun 2019 15:33

Tgt Ion: 93 Resp: 39810
 Ion Ratio Lower Upper
 93 100
 95 84.4 66.8 100.2
 174 121.7 81.9 122.9

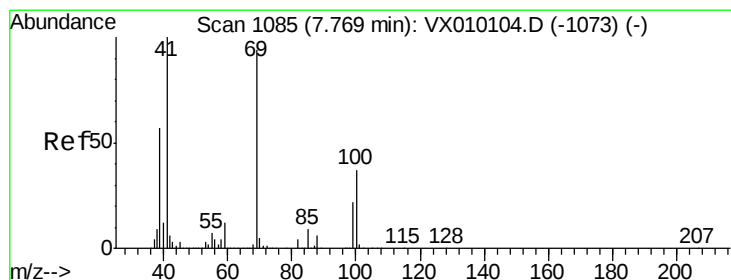
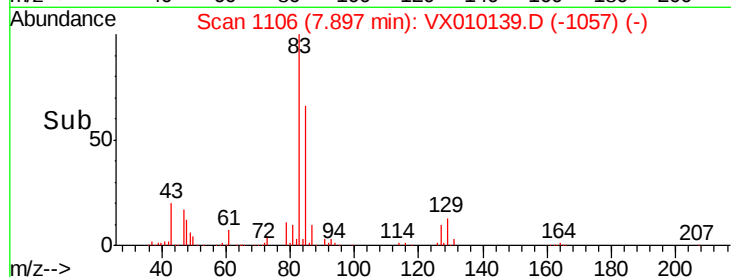
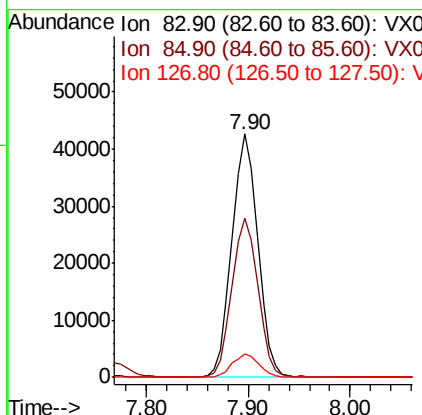
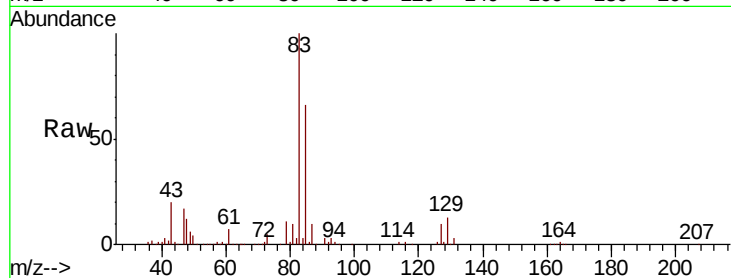




#47
Bromodichloromethane
Concen: 18.785 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX010139.D
Acq: 08 Jun 2019 15:33

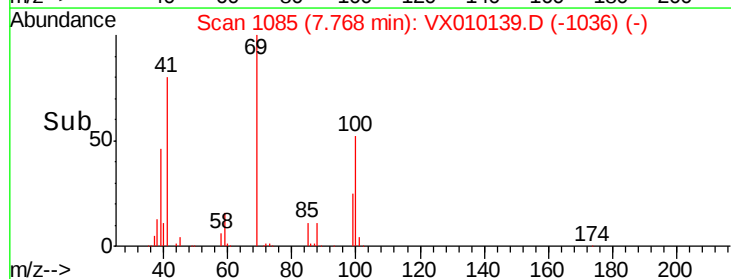
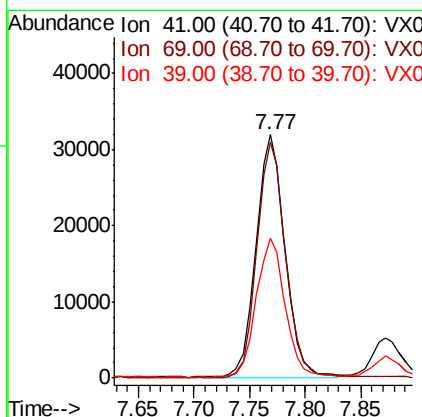
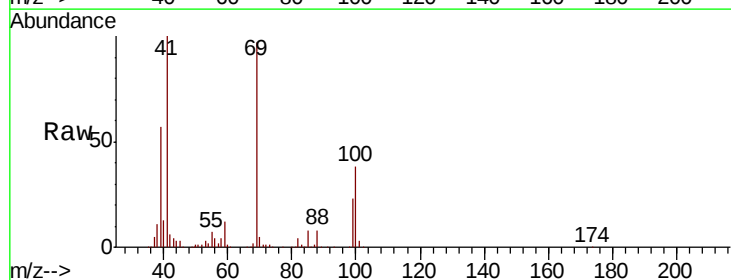
Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

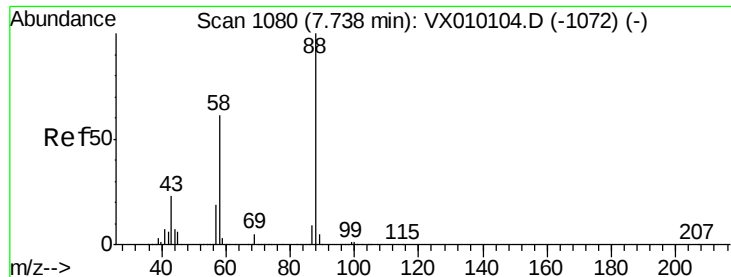
Tgt Ion: 83 Resp: 74723
Ion Ratio Lower Upper
83 100
85 65.7 51.4 77.2
127 9.9 6.4 9.6#



#48
Methyl methacrylate
Concen: 19.357 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX010139.D
Acq: 08 Jun 2019 15:33

Tgt Ion: 41 Resp: 57820
Ion Ratio Lower Upper
41 100
69 95.4 56.4 84.6#
39 57.2 40.6 60.8





#49

1,4-Dioxane

Concen: 422.757 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010139.D

Acq: 08 Jun 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS01

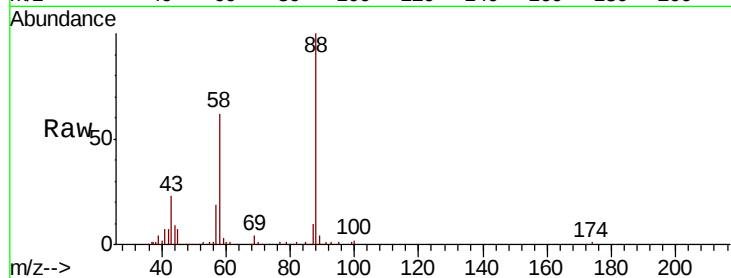
Tgt Ion: 88 Resp: 36003

Ion Ratio Lower Upper

88 100

43 24.9 30.2 45.4#

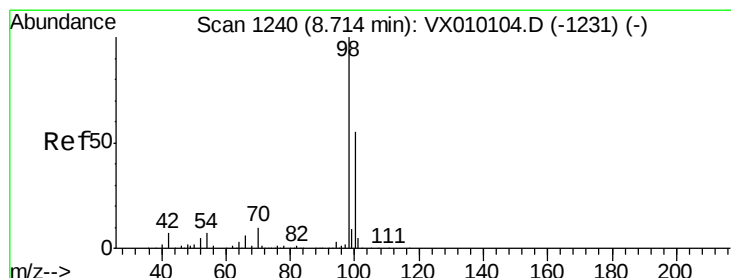
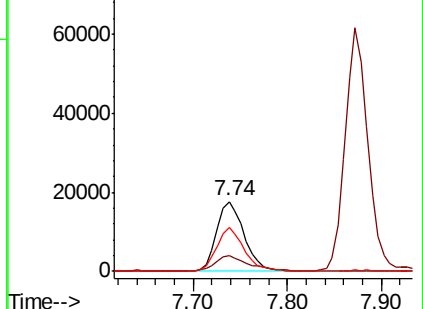
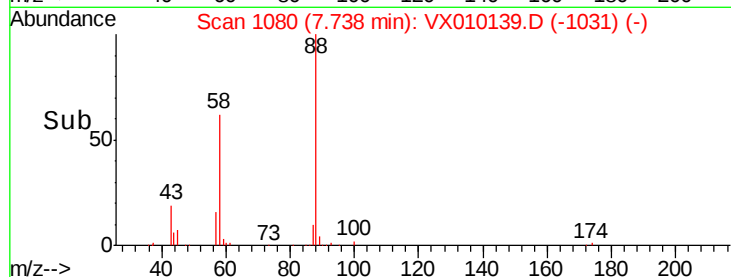
58 62.2 64.0 96.0#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 51.337 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010139.D

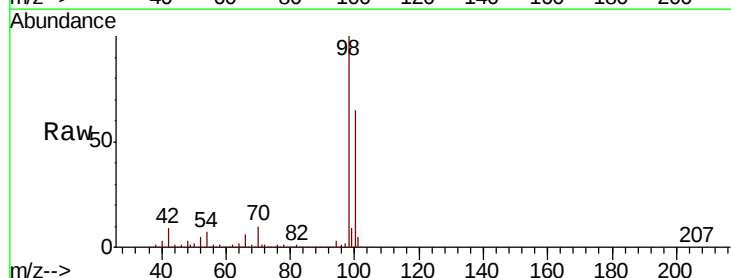
Acq: 08 Jun 2019 15:33

Tgt Ion: 98 Resp: 534064

Ion Ratio Lower Upper

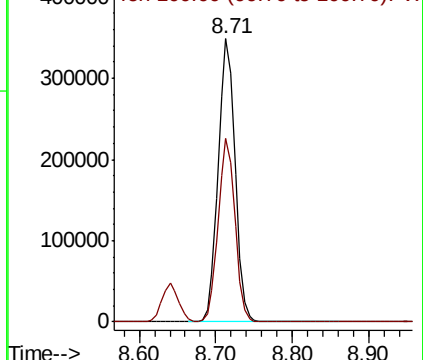
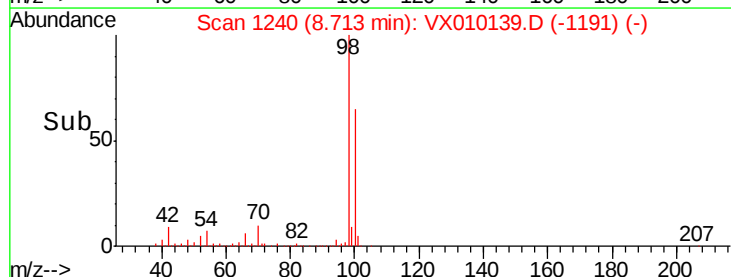
98 100

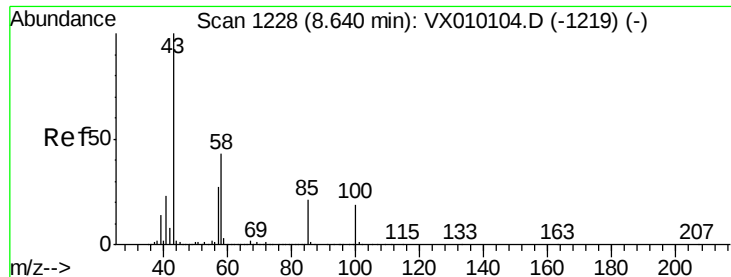
100 64.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

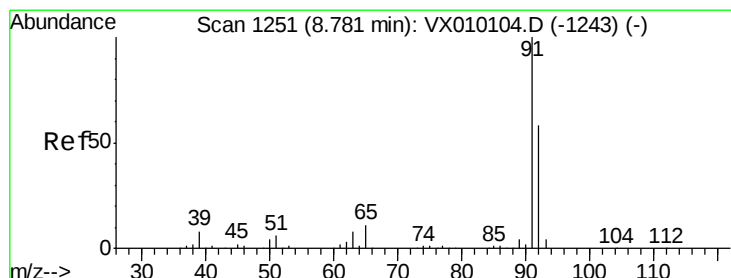
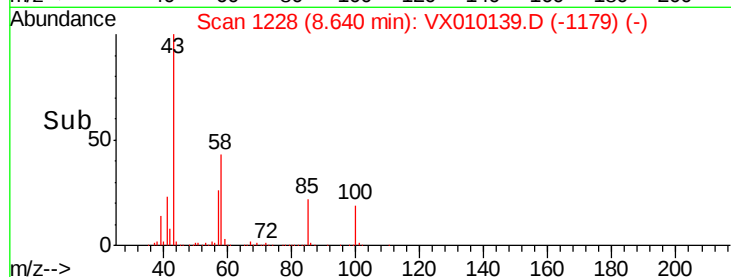
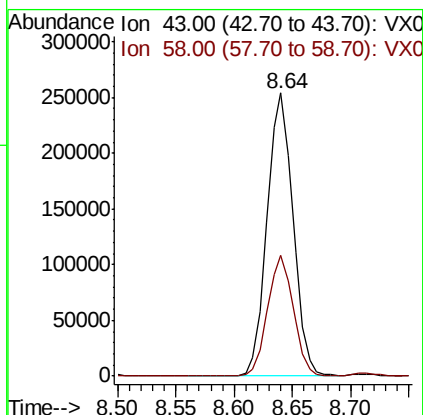
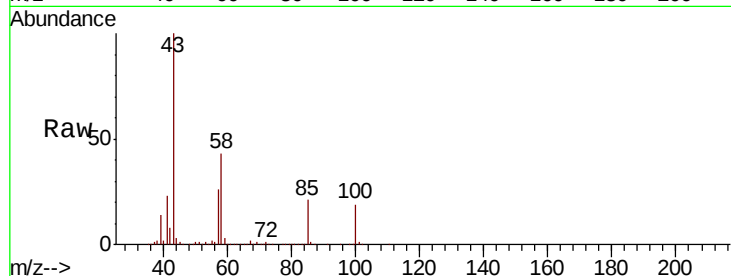




#51
 4-Methyl-2-Pentanone
 Concen: 102.299 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX010139.D
 Acq: 08 Jun 2019 15:33

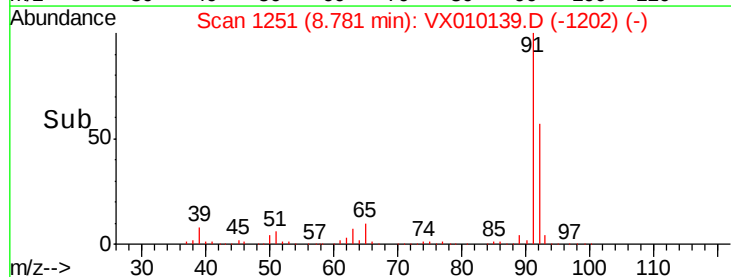
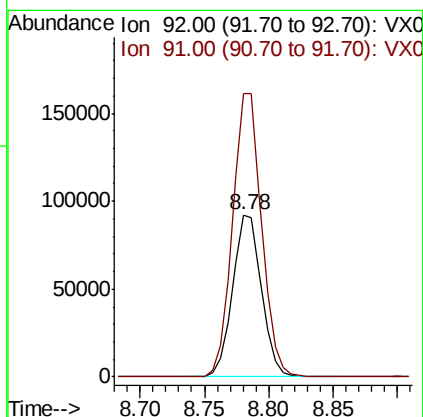
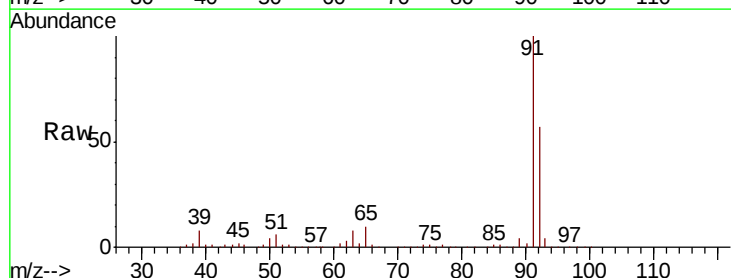
Instrument :
 MSVOA_X
 ClientSampled :
 VX0608WBS01

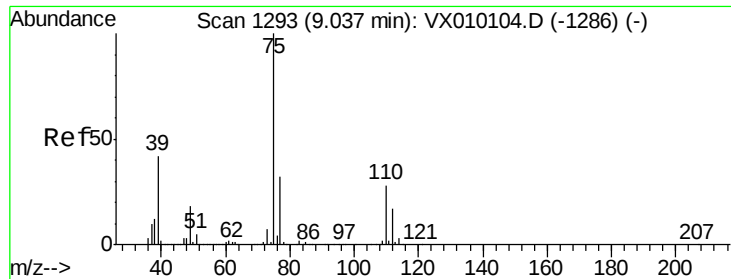
Tgt Ion: 43 Resp: 390329
 Ion Ratio Lower Upper
 43 100
 58 42.1 28.8 43.2



#52
 Toluene
 Concen: 19.289 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VX010139.D
 Acq: 08 Jun 2019 15:33

Tgt Ion: 92 Resp: 143946
 Ion Ratio Lower Upper
 92 100
 91 175.6 139.9 209.9





#53

t-1,3-Dichloropropene

Concen: 18.698 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX010139.D

Acq: 08 Jun 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

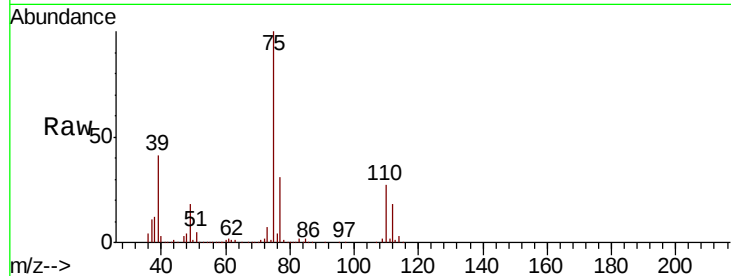
VX0608WBS01

Tgt Ion: 75 Resp: 86030

Ion Ratio Lower Upper

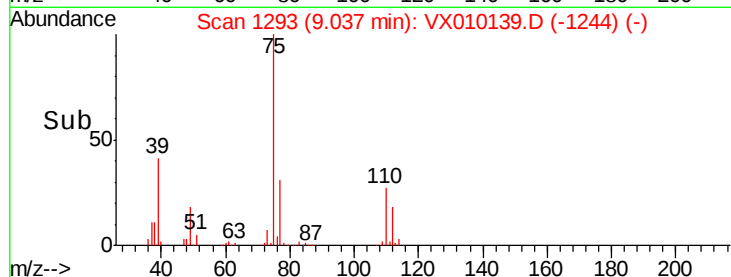
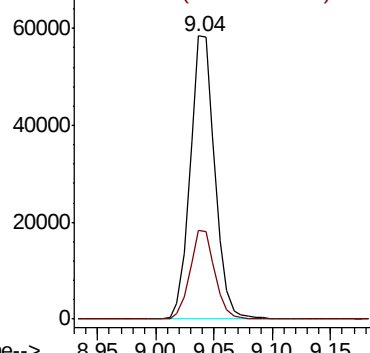
75 100

77 31.1 24.6 36.8

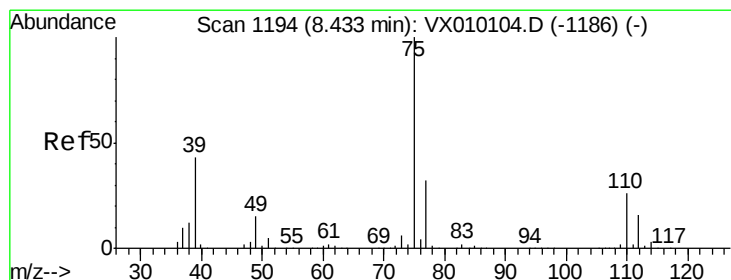


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.232 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010139.D

Acq: 08 Jun 2019 15:33

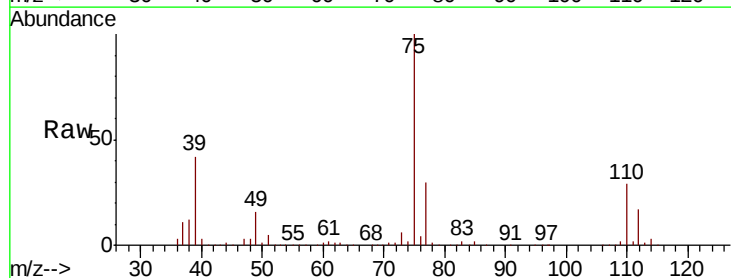
Tgt Ion: 75 Resp: 94861

Ion Ratio Lower Upper

75 100

77 30.3 24.8 37.2

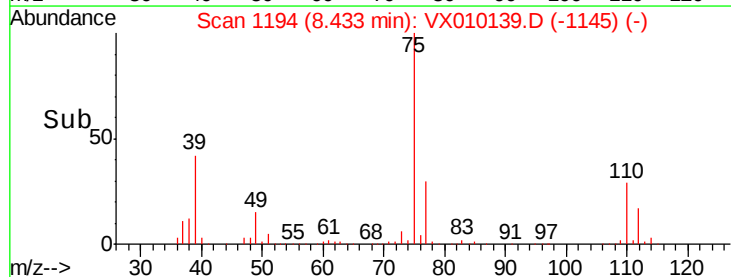
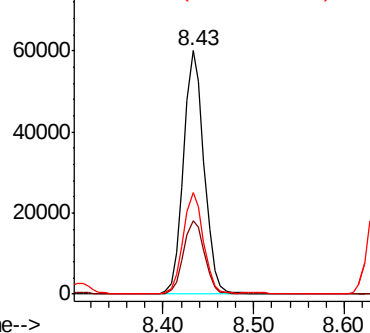
39 41.7 43.4 65.0#



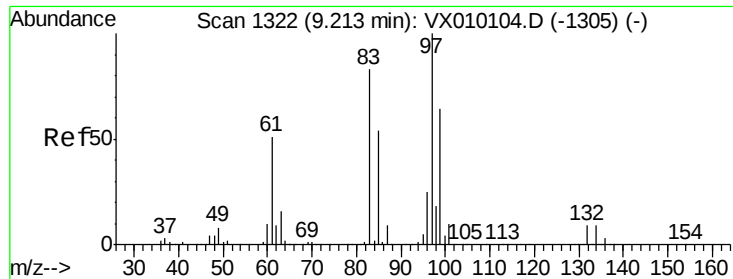
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



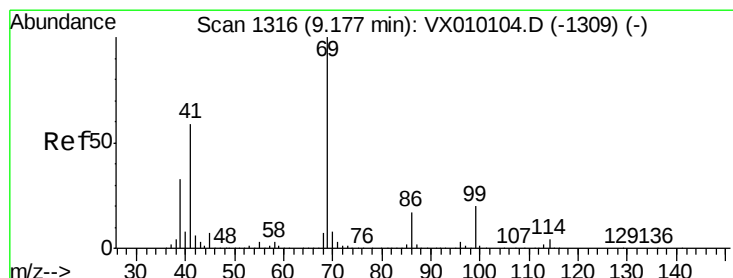
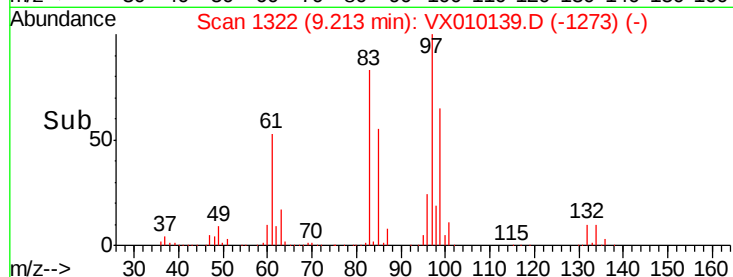
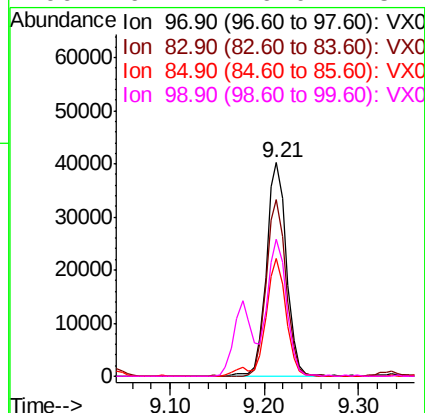
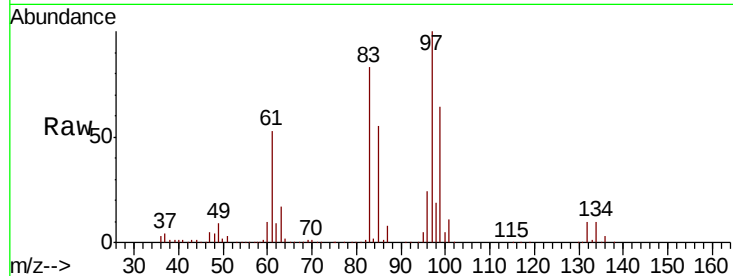
Time-->



#55
 1,1,2-Trichloroethane
 Concen: 19.887 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010139.D
 Acq: 08 Jun 2019 15:33

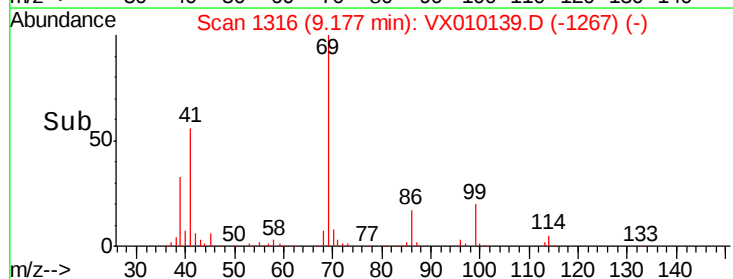
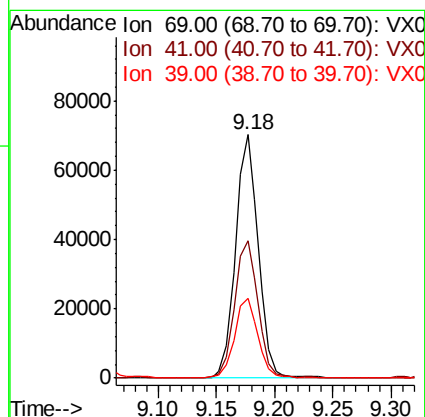
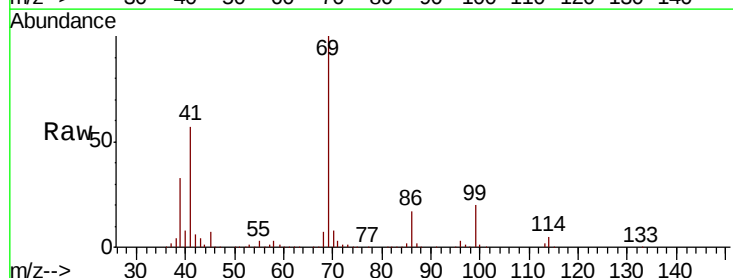
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS01

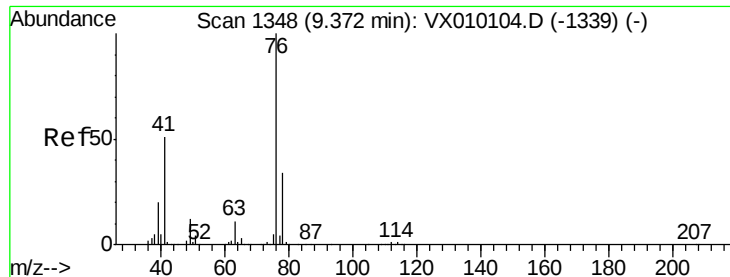
Tgt Ion:	97	Resp:	60779
Ion	Ratio	Lower	Upper
97	100		
83	82.5	69.8	104.8
85	54.9	45.3	67.9
99	64.4	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 19.814 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010139.D
 Acq: 08 Jun 2019 15:33

Tgt Ion:	69	Resp:	95658
Ion	Ratio	Lower	Upper
69	100		
41	57.1	62.7	94.1#
39	32.9	29.5	44.3

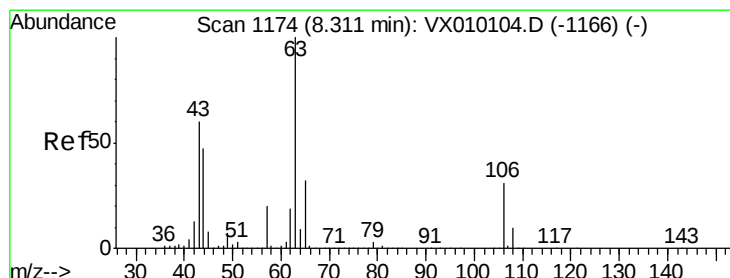
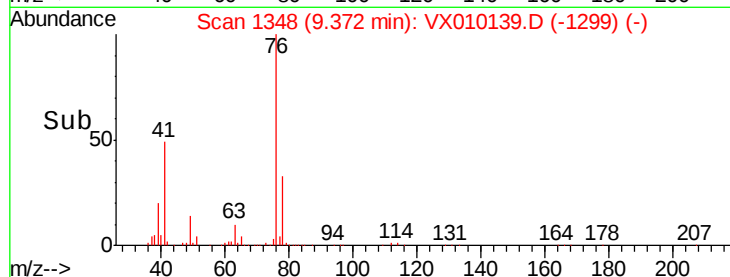
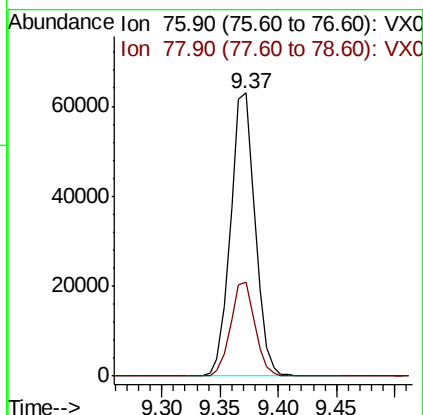
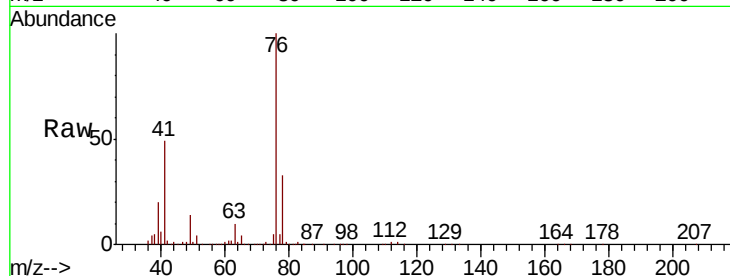




#57
 1,3-Dichloropropane
 Concen: 19.325 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX010139.D
 Acq: 08 Jun 2019 15:33

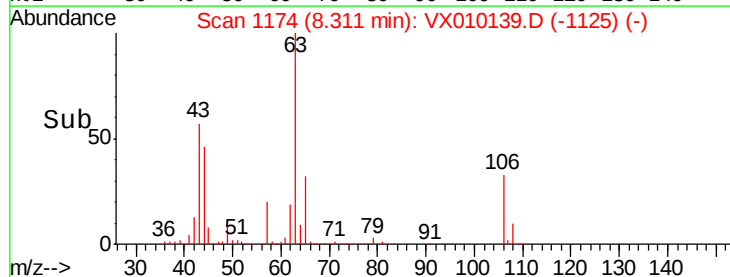
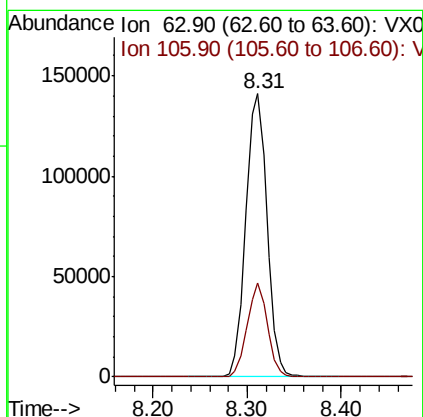
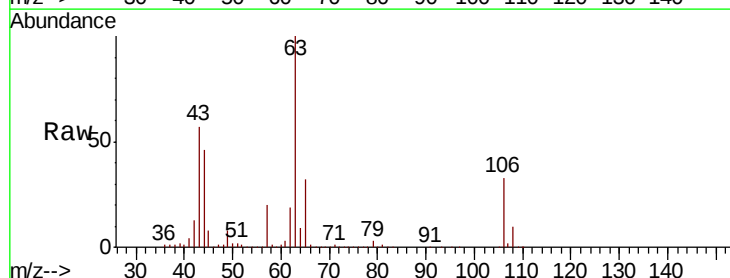
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS01

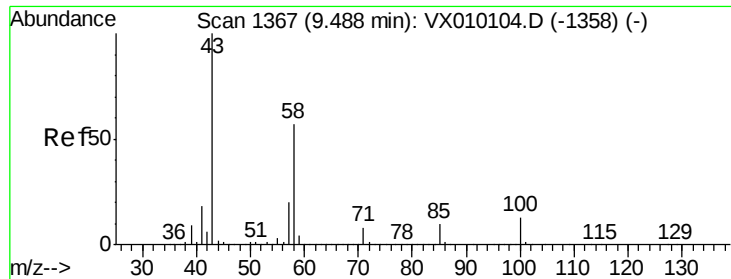
Tgt Ion: 76 Resp: 92986
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.176 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX010139.D
 Acq: 08 Jun 2019 15:33

Tgt Ion: 63 Resp: 223443
 Ion Ratio Lower Upper
 63 100
 106 31.8 19.4 29.2#

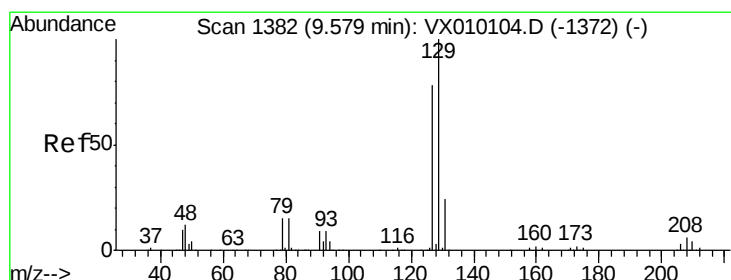
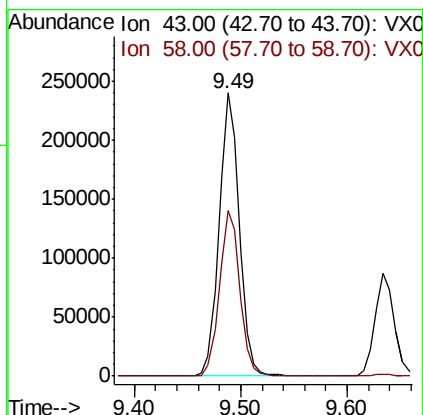
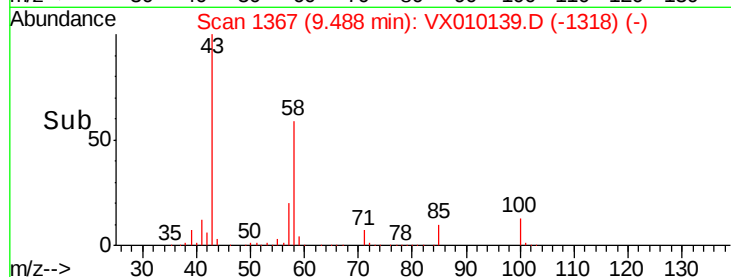
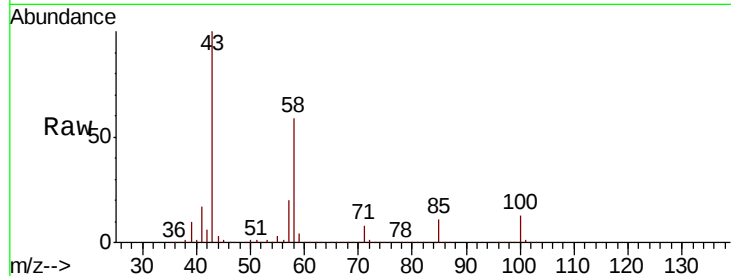




#59
2-Hexanone
Concen: 103.814 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010139.D
Acq: 08 Jun 2019 15:33

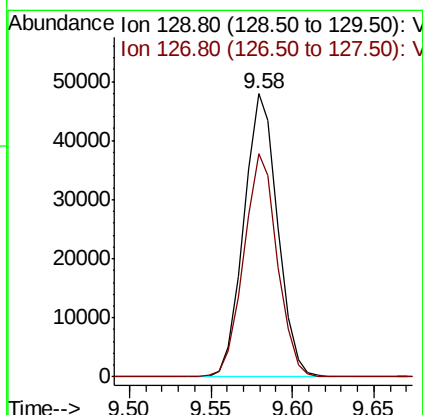
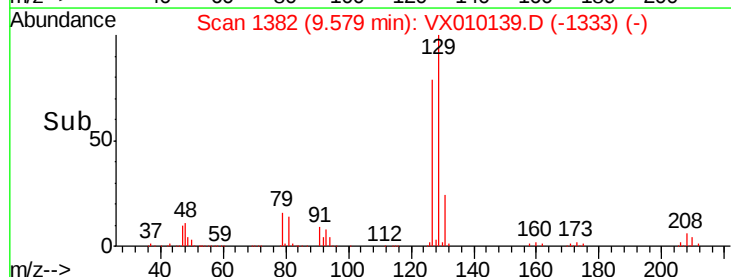
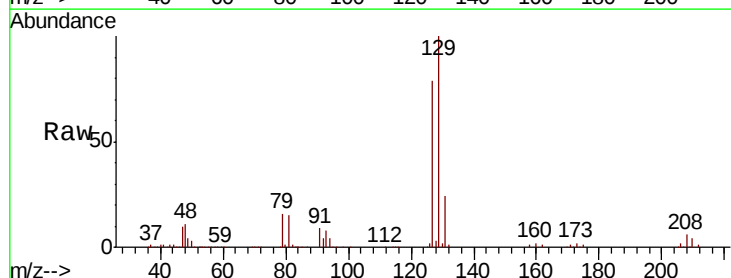
Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

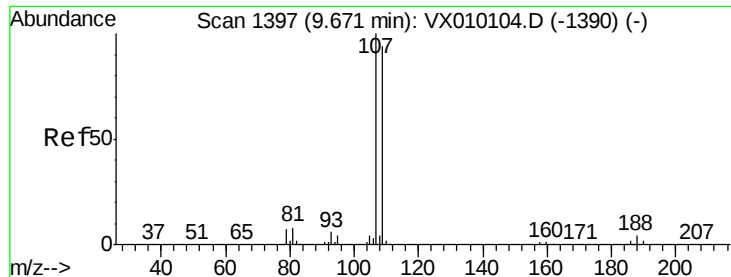
Tgt Ion: 43 Resp: 315821
Ion Ratio Lower Upper
43 100
58 59.2 25.1 75.3



#60
Dibromochloromethane
Concen: 19.096 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010139.D
Acq: 08 Jun 2019 15:33

Tgt Ion: 129 Resp: 69032
Ion Ratio Lower Upper
129 100
127 78.3 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.450 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010139.D

Acq: 08 Jun 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

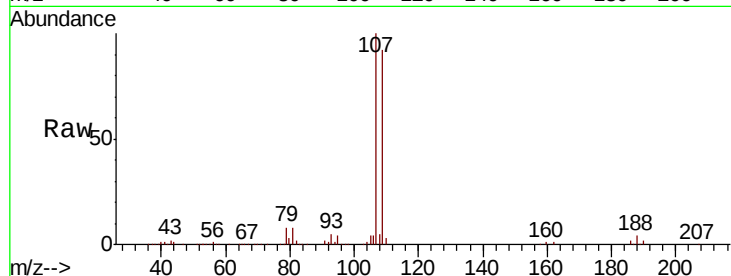
VX0608WBS01

Tgt Ion: 107 Resp: 66204

Ion Ratio Lower Upper

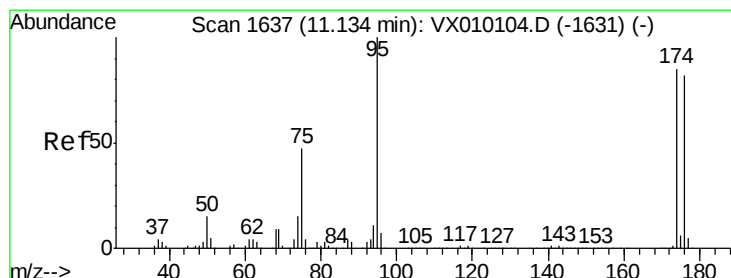
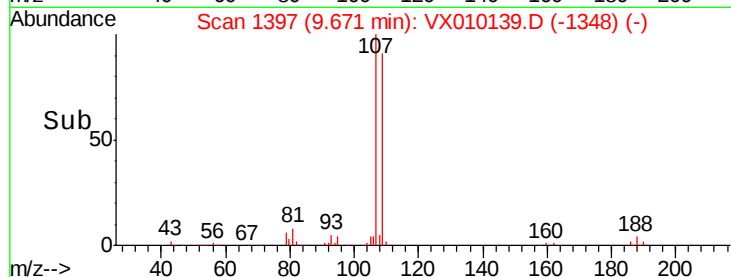
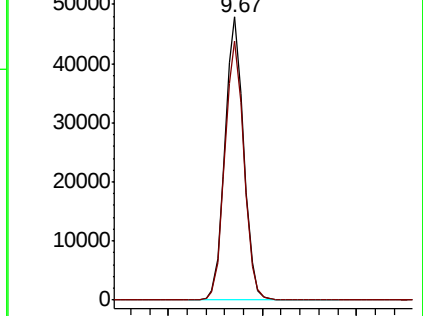
107 100

109 93.5 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.361 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010139.D

Acq: 08 Jun 2019 15:33

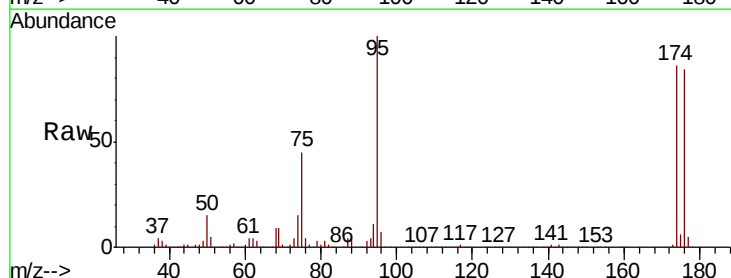
Tgt Ion: 95 Resp: 195659

Ion Ratio Lower Upper

95 100

174 90.6 0.0 160.4

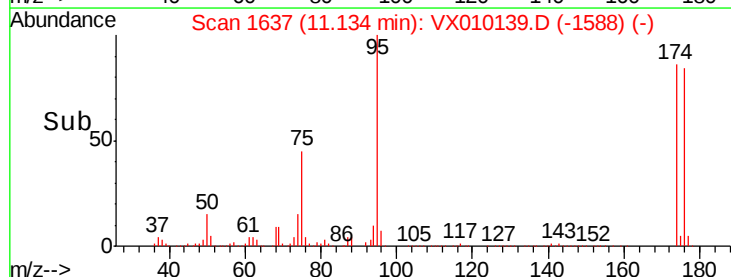
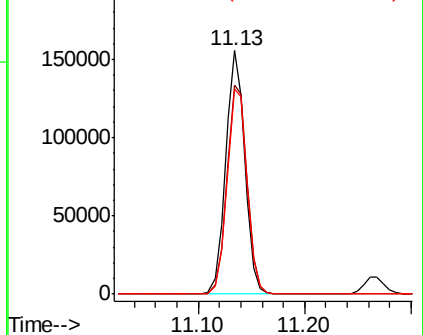
176 88.4 0.0 154.6

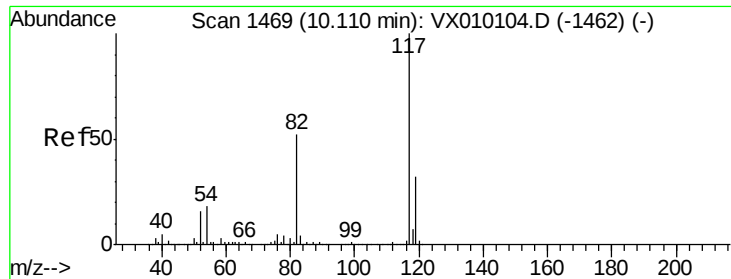


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

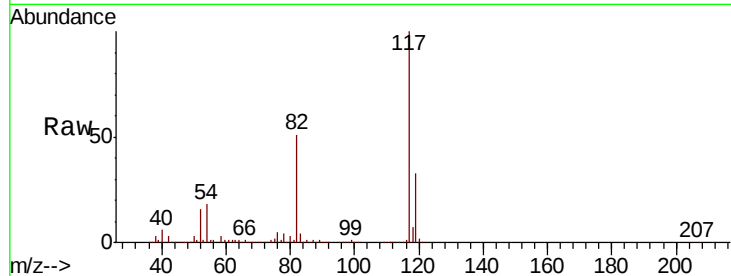




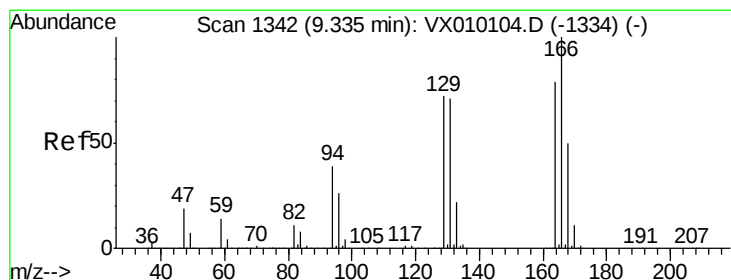
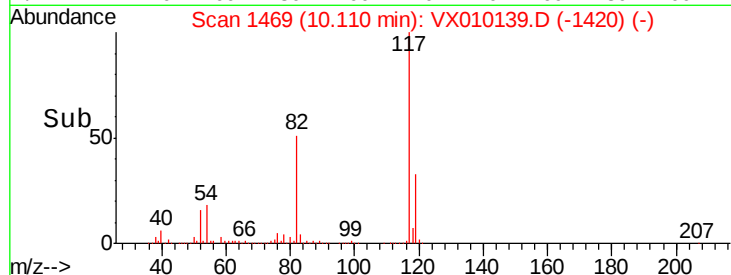
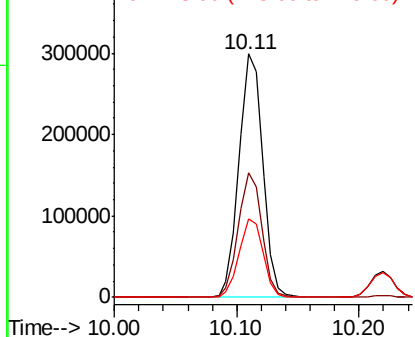
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010139.D
Acq: 08 Jun 2019 15:33

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

Tgt Ion:117 Resp: 401814
Ion Ratio Lower Upper
117 100
82 51.2 49.2 73.8
119 32.5 25.2 37.8



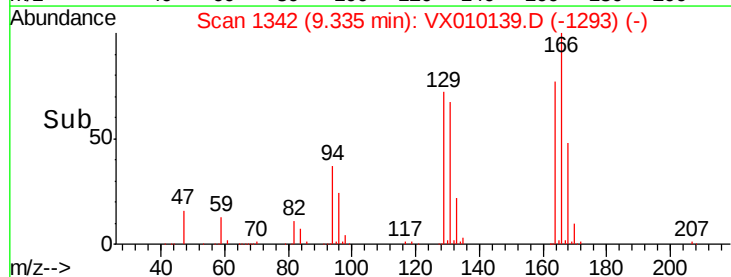
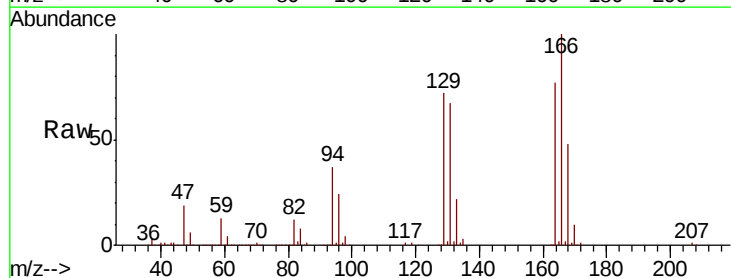
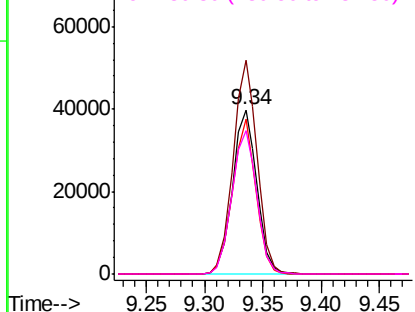
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

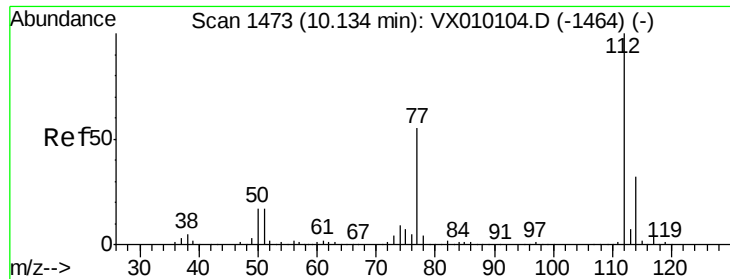


#64
Tetrachloroethene
Concen: 19.274 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010139.D
Acq: 08 Jun 2019 15:33

Tgt Ion:164 Resp: 57519
Ion Ratio Lower Upper
164 100
166 130.4 105.0 157.4
129 94.5 75.1 112.7
131 87.5 72.2 108.4

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

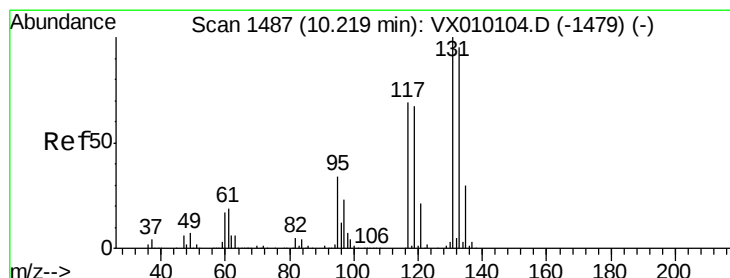
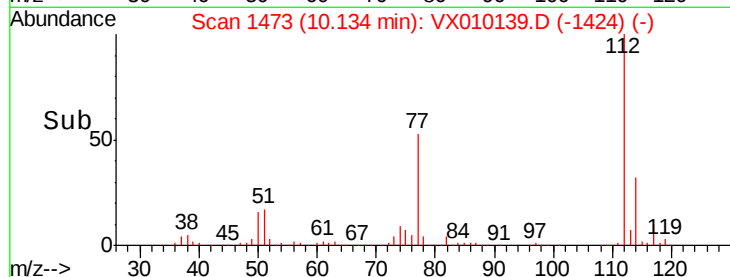
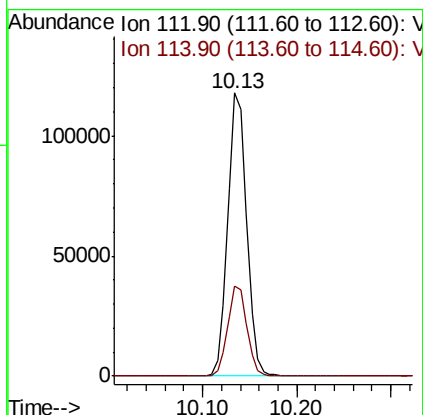
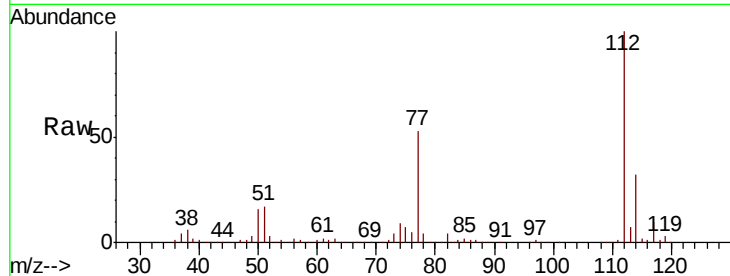




#65
Chlorobenzene
Concen: 19.829 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010139.D
Acq: 08 Jun 2019 15:33

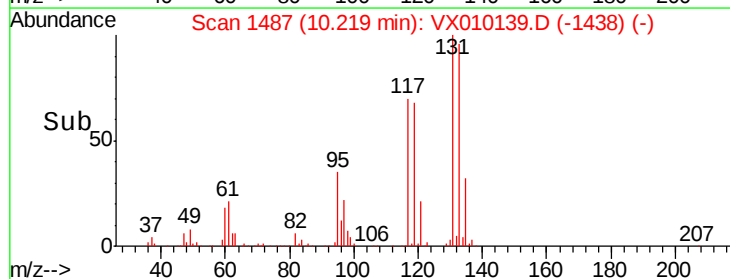
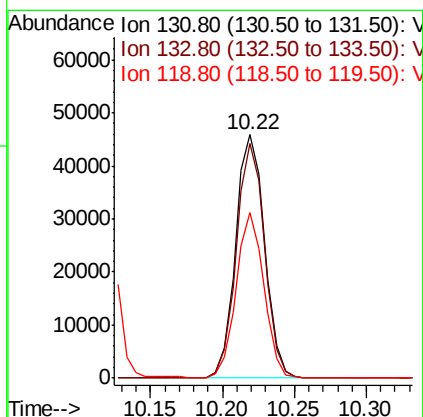
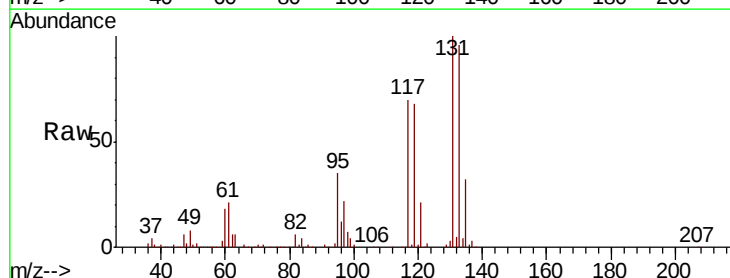
Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

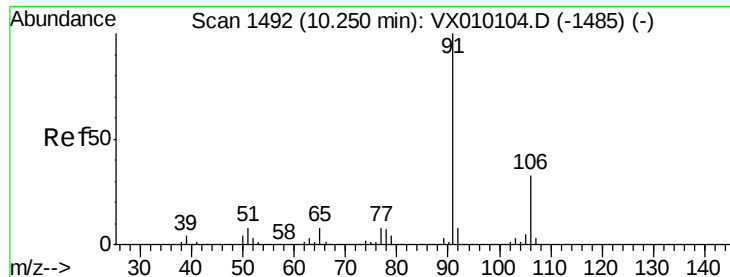
Tgt Ion:112 Resp: 164442
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.096 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010139.D
Acq: 08 Jun 2019 15:33

Tgt Ion:131 Resp: 64091
Ion Ratio Lower Upper
131 100
133 94.3 47.5 142.6
119 65.4 33.4 100.1





#67

Ethyl Benzene

Concen: 19.843 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010139.D

Acq: 08 Jun 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

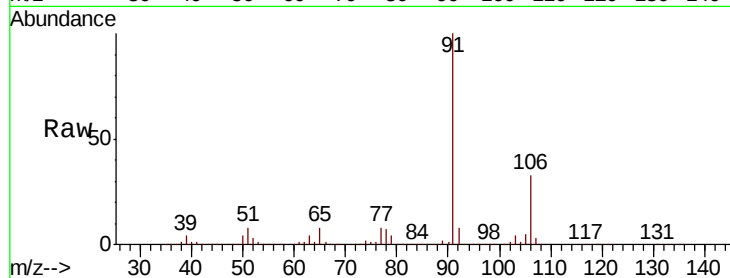
VX0608WBS01

Tgt Ion: 91 Resp: 280145

Ion Ratio Lower Upper

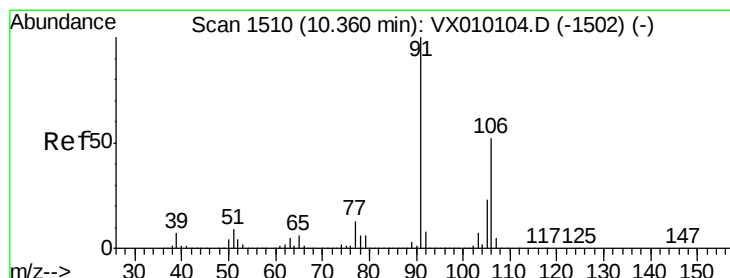
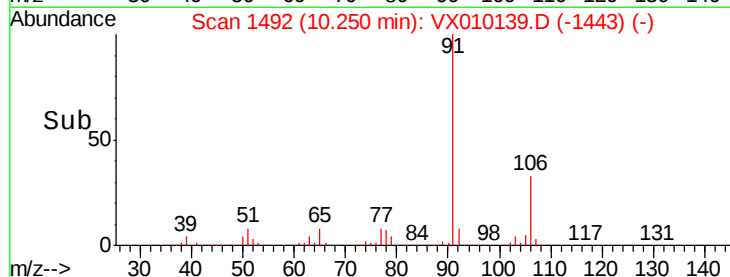
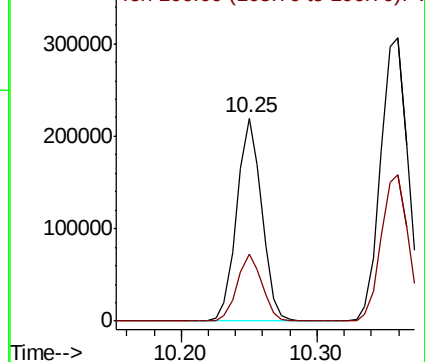
91 100

106 33.0 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 40.069 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX010139.D

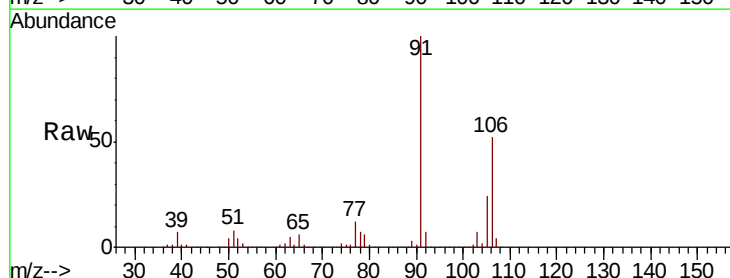
Acq: 08 Jun 2019 15:33

Tgt Ion: 106 Resp: 218902

Ion Ratio Lower Upper

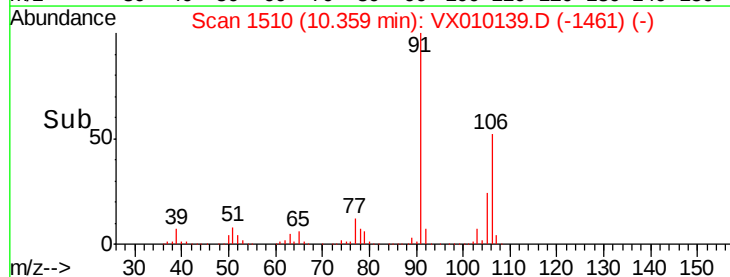
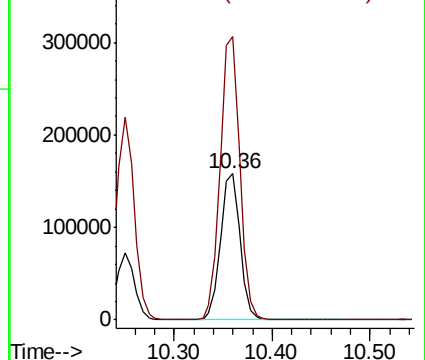
106 100

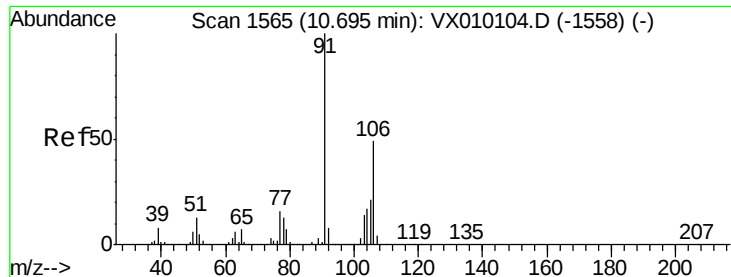
91 194.9 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

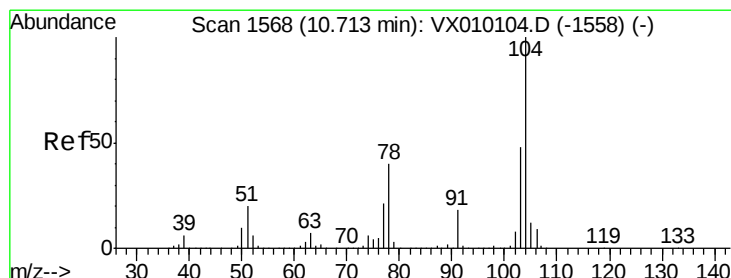
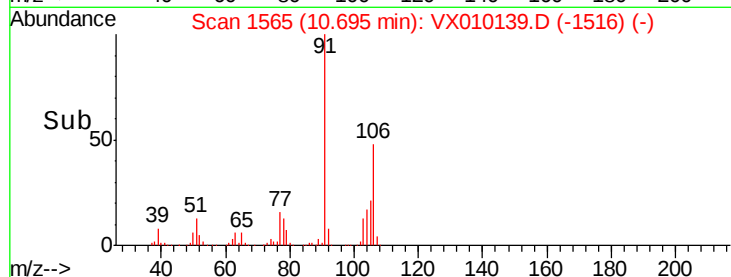
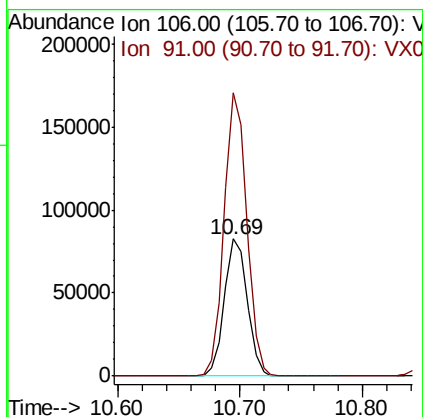
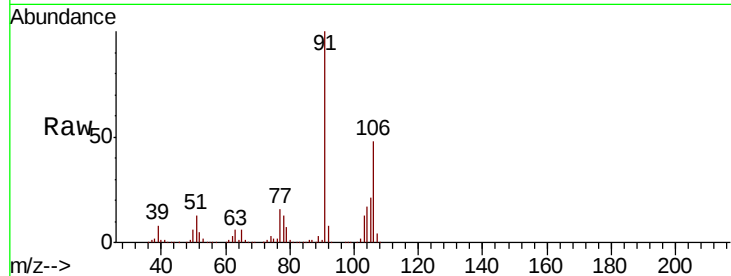




#69
o-Xylene
Concen: 19.821 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010139.D
Acq: 08 Jun 2019 15:33

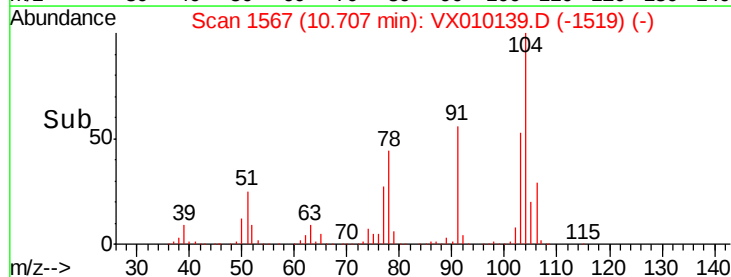
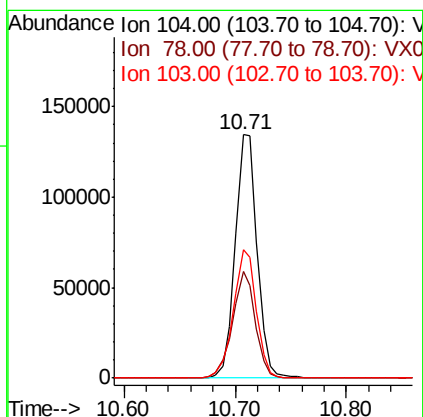
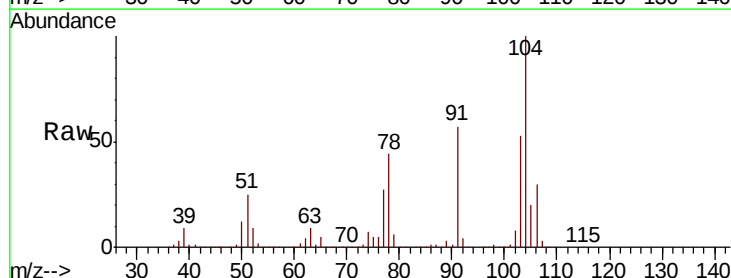
Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

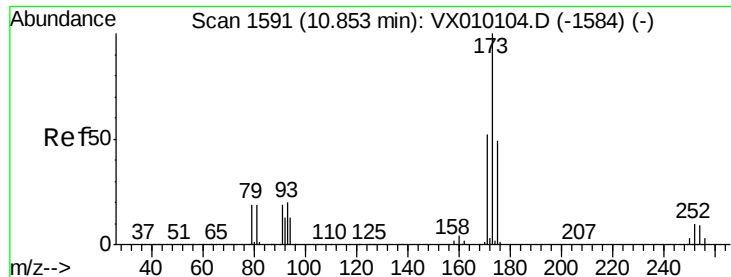
Tgt Ion:106 Resp: 107641
Ion Ratio Lower Upper
106 100
91 202.5 110.4 331.2



#70
Styrene
Concen: 19.895 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010139.D
Acq: 08 Jun 2019 15:33

Tgt Ion:104 Resp: 182991
Ion Ratio Lower Upper
104 100
78 45.8 42.1 63.1
103 55.2 44.1 66.1





#71

Bromoform

Concen: 19.721 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010139.D

Acq: 08 Jun 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS01

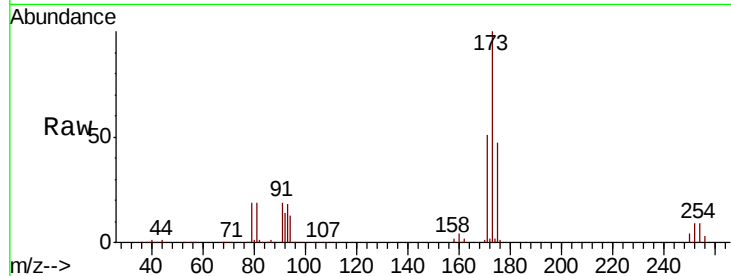
Tgt Ion:173 Resp: 57820

Ion Ratio Lower Upper

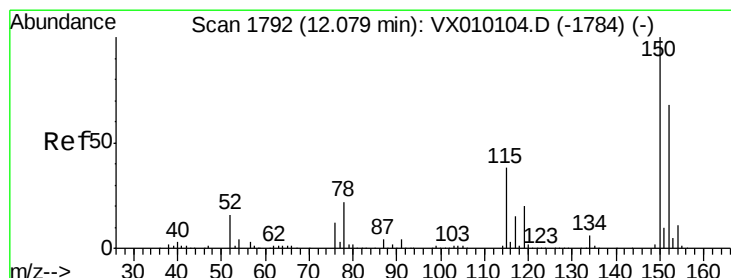
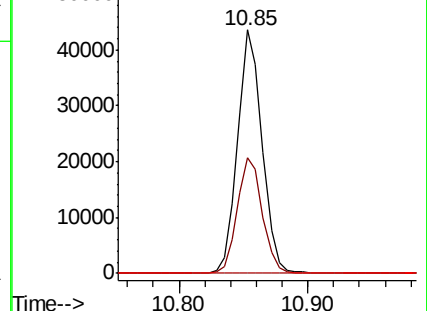
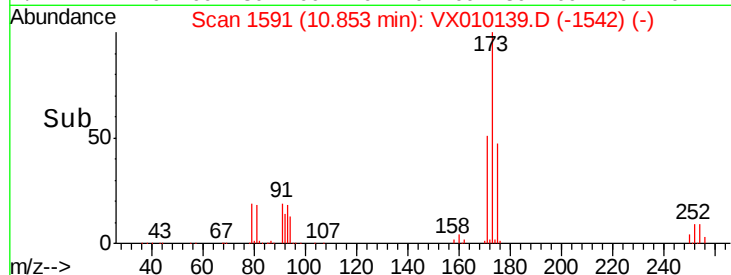
173 100

175 48.5 25.0 75.0

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010139.D

Acq: 08 Jun 2019 15:33

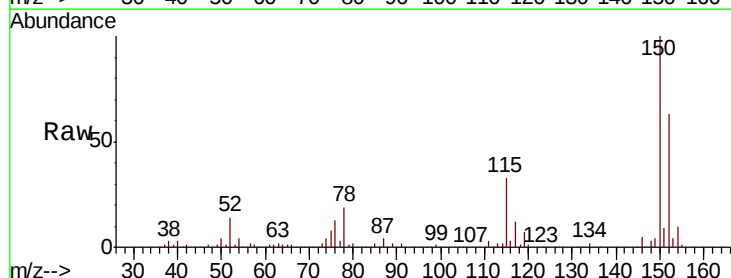
Tgt Ion:152 Resp: 209688

Ion Ratio Lower Upper

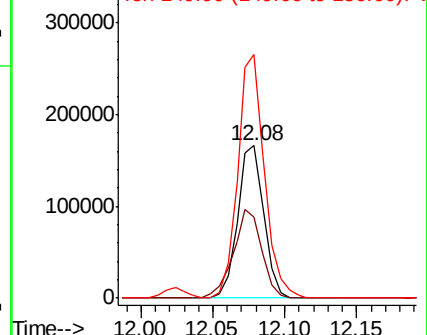
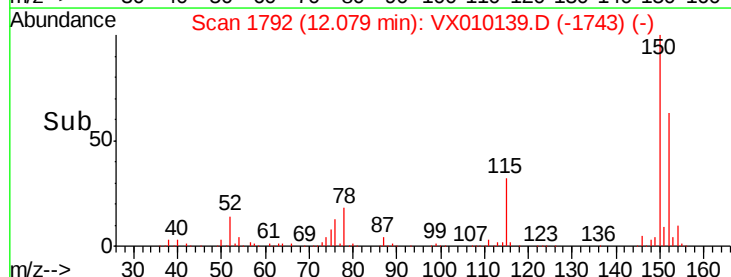
152 100

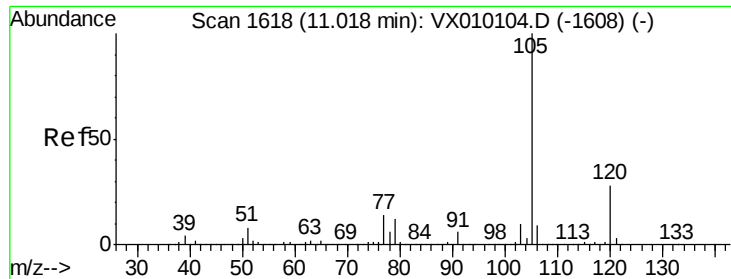
115 63.0 41.4 124.2

150 163.2 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: 19.398 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010139.D

Acq: 08 Jun 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

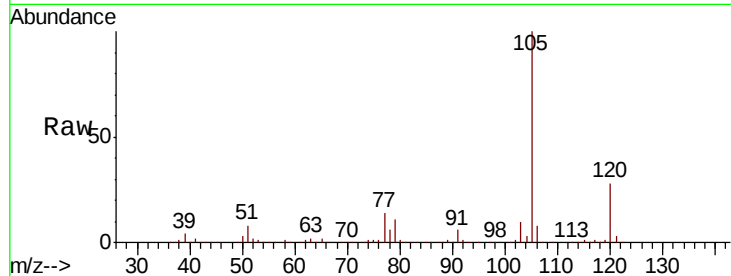
VX0608WBS01

Tgt Ion: 105 Resp: 283941

Ion Ratio Lower Upper

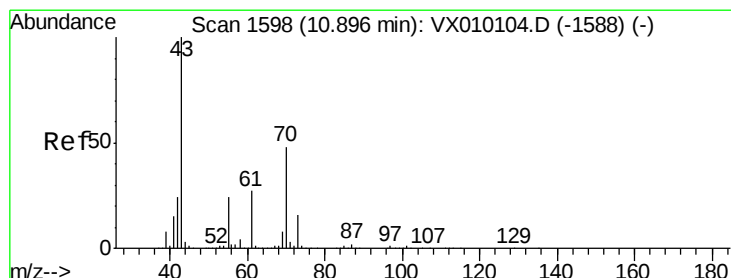
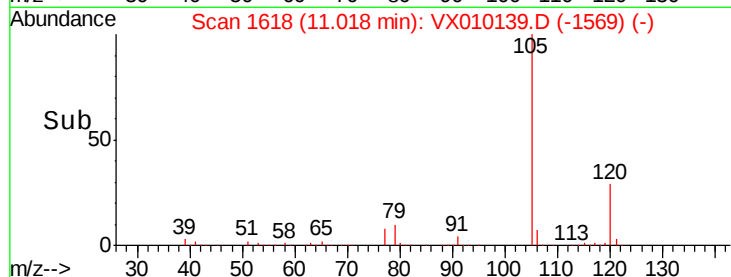
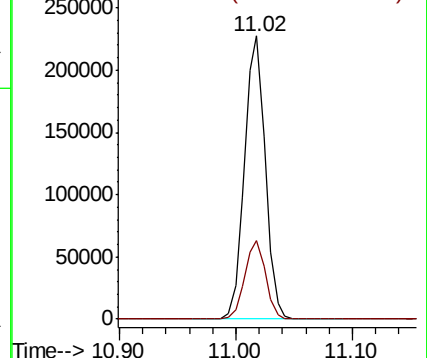
105 100

120 27.8 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: 19.352 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010139.D

Acq: 08 Jun 2019 15:33

Tgt Ion: 43 Resp: 111975

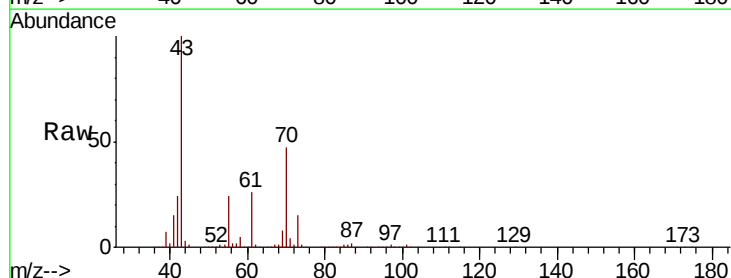
Ion Ratio Lower Upper

43 100

70 46.9 28.6 43.0#

55 24.2 17.8 26.8

61 26.5 17.7 26.5#

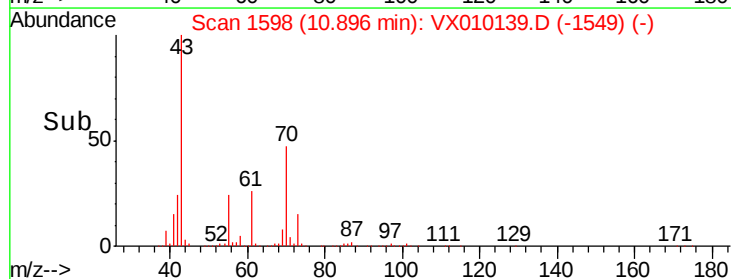
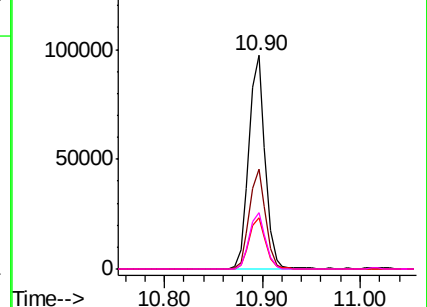


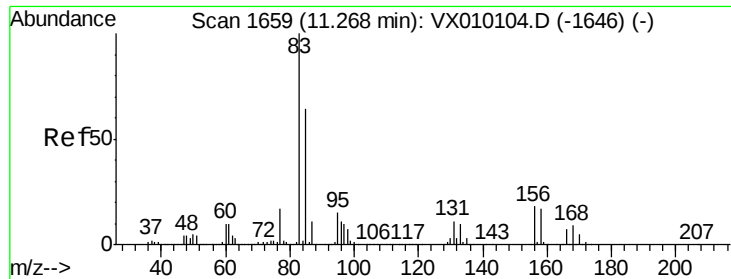
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.266 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010139.D

Acq: 08 Jun 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS01

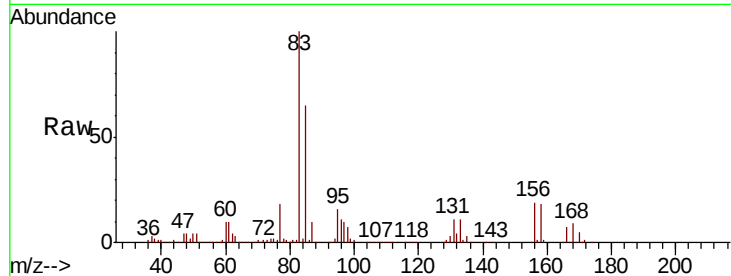
Tgt Ion: 83 Resp: 96533

Ion Ratio Lower Upper

83 100

131 10.9 4.7 14.1

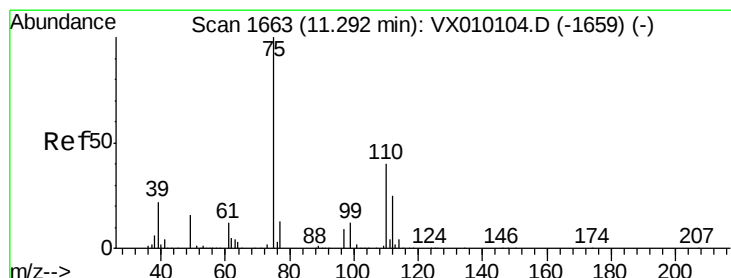
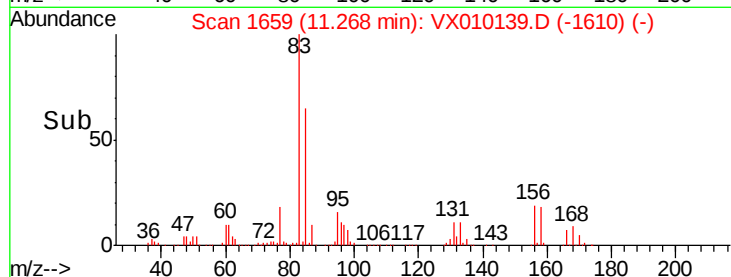
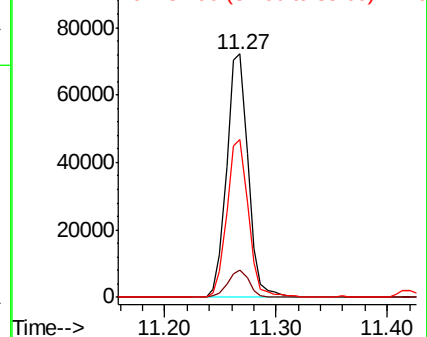
85 64.9 31.9 95.9



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: 26.064 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010139.D

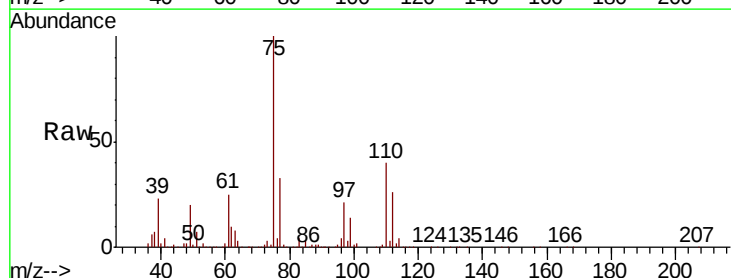
Acq: 08 Jun 2019 15:33

Tgt Ion: 75 Resp: 109316

Ion Ratio Lower Upper

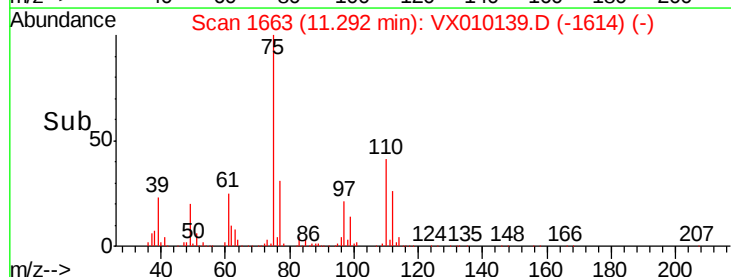
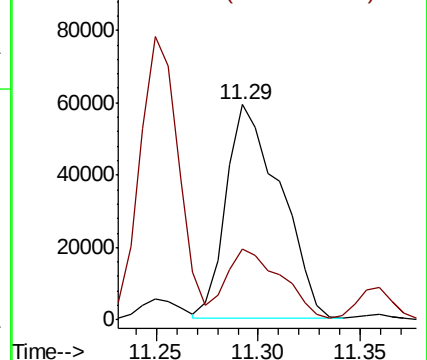
75 100

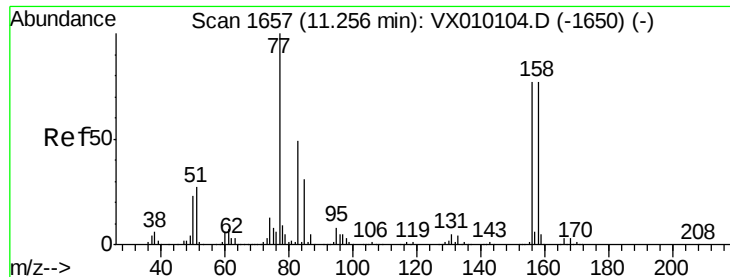
77 33.6 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.195 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010139.D

Acq: 08 Jun 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS01

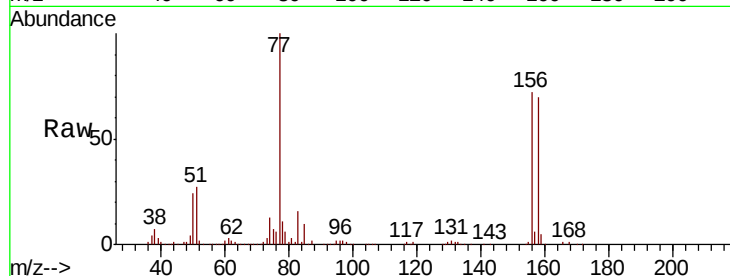
Tgt Ion:156 Resp: 77265

Ion Ratio Lower Upper

156 100

77 134.0 86.8 260.3

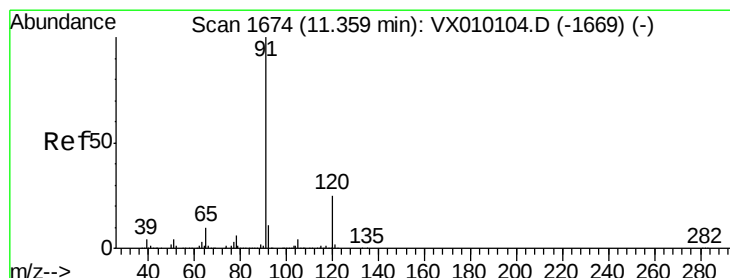
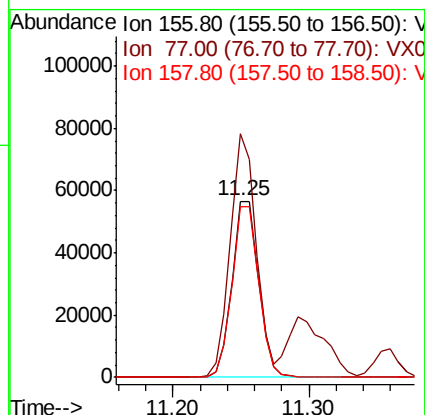
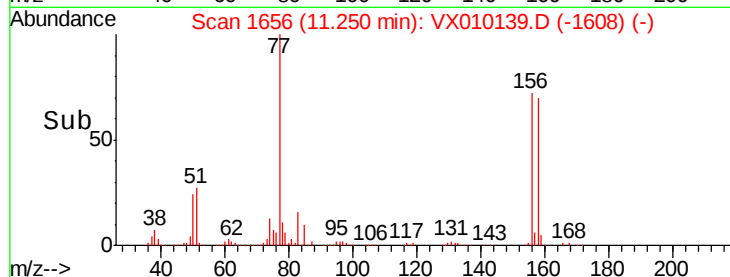
158 97.9 49.6 148.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.364 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010139.D

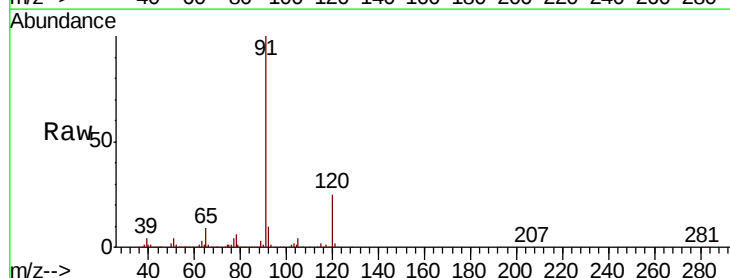
Acq: 08 Jun 2019 15:33

Tgt Ion: 91 Resp: 315550

Ion Ratio Lower Upper

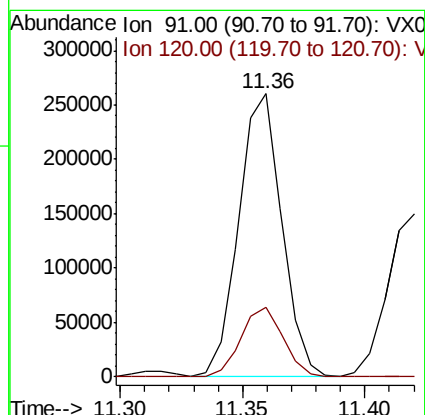
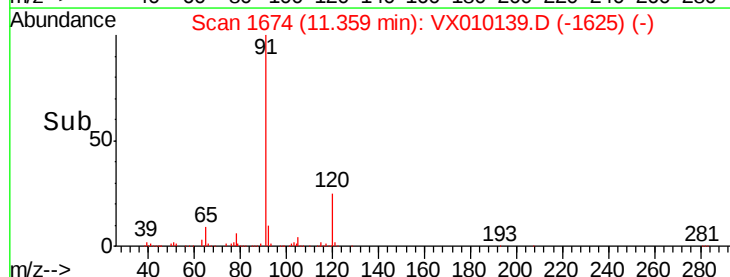
91 100

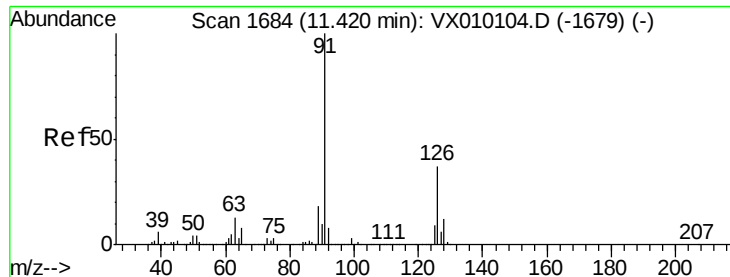
120 24.6 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

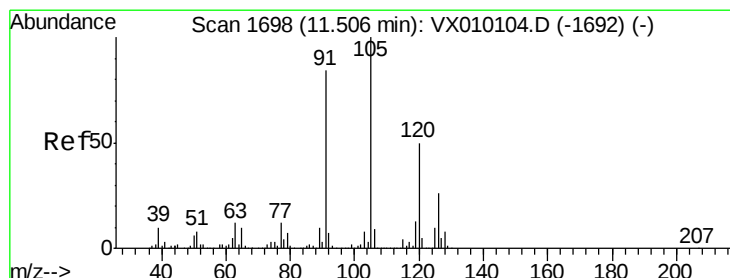
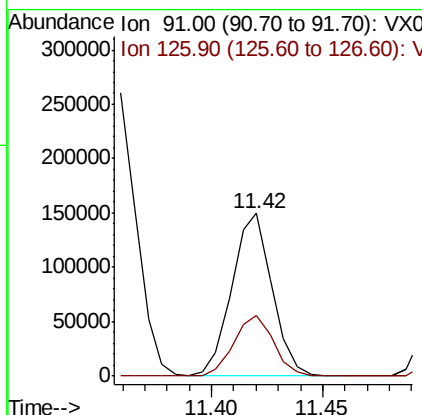
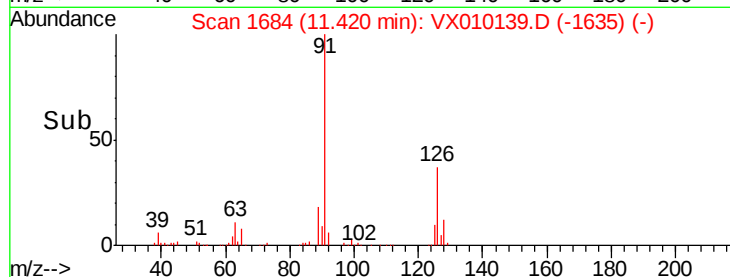
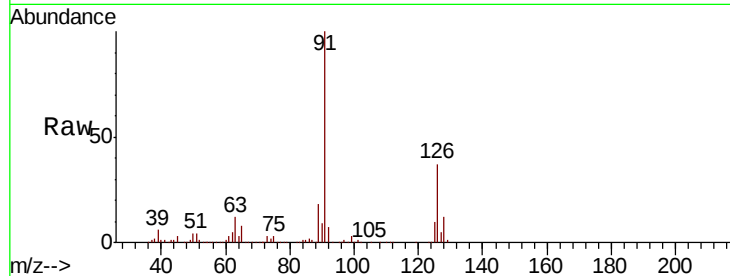




#79
 2-Chlorotoluene
 Concen: 19.065 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX010139.D
 Acq: 08 Jun 2019 15:33

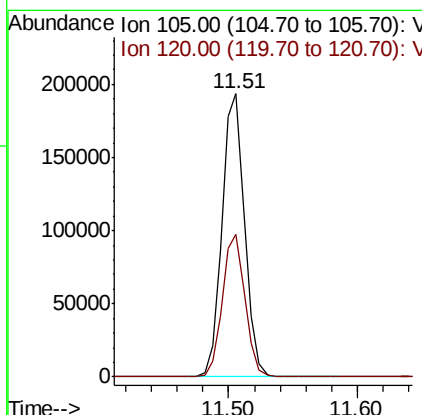
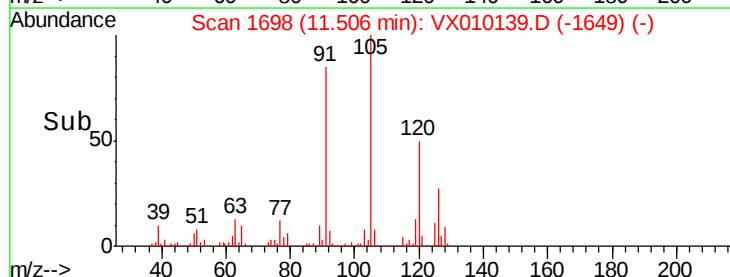
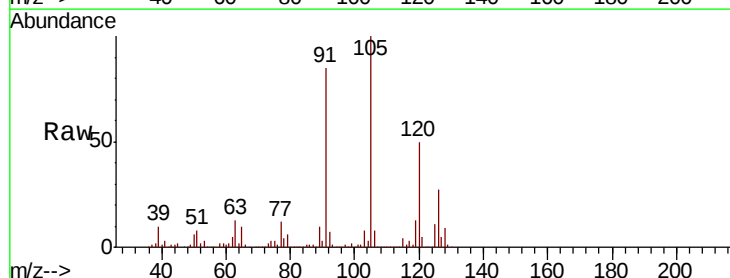
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS01

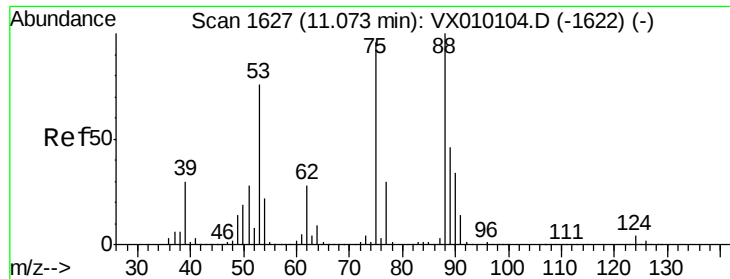
Tgt Ion: 91 Resp: 186591
 Ion Ratio Lower Upper
 91 100
 126 37.5 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 19.355 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX010139.D
 Acq: 08 Jun 2019 15:33

Tgt Ion: 105 Resp: 238618
 Ion Ratio Lower Upper
 105 100
 120 50.6 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 19.365 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010139.D

Acq: 08 Jun 2019 15:33

Instrument :

MSVOA_X

ClientSampled :

VX0608WBS01

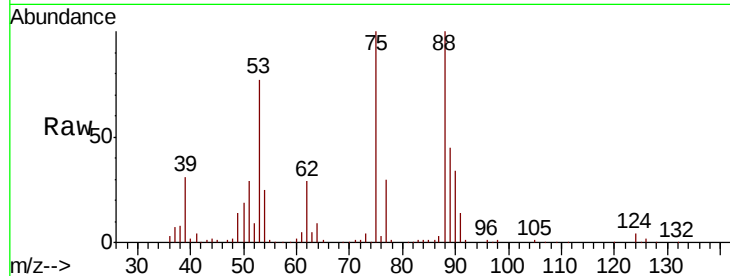
Tgt Ion: 75 Resp: 36761

Ion Ratio Lower Upper

75 100

53 77.7 79.8 119.6#

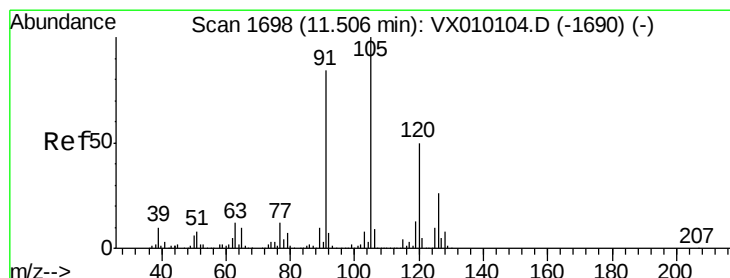
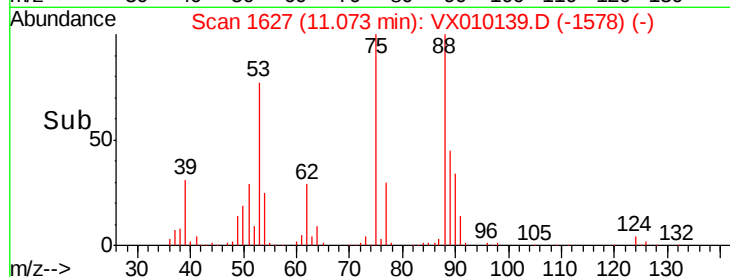
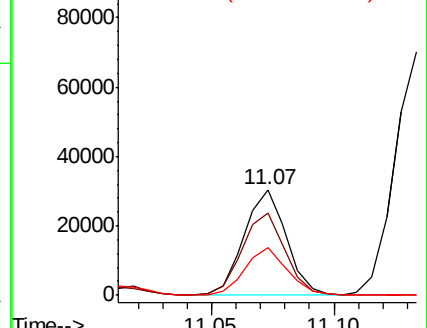
89 45.1 34.2 51.4



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: 19.111 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010139.D

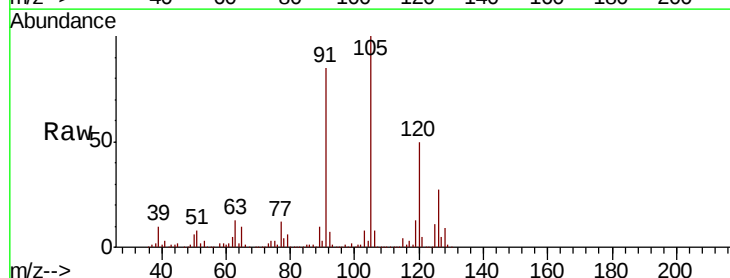
Acq: 08 Jun 2019 15:33

Tgt Ion: 91 Resp: 212481

Ion Ratio Lower Upper

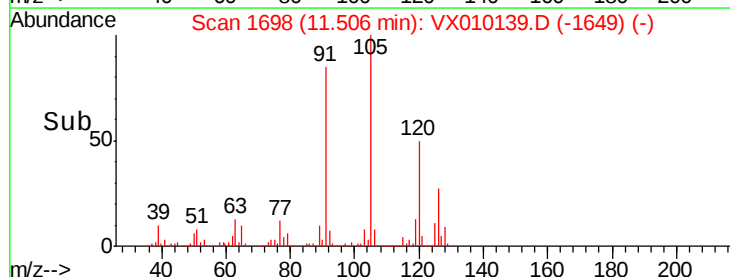
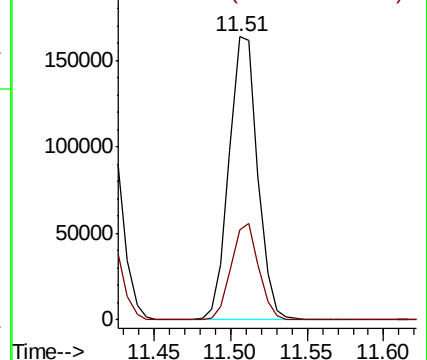
91 100

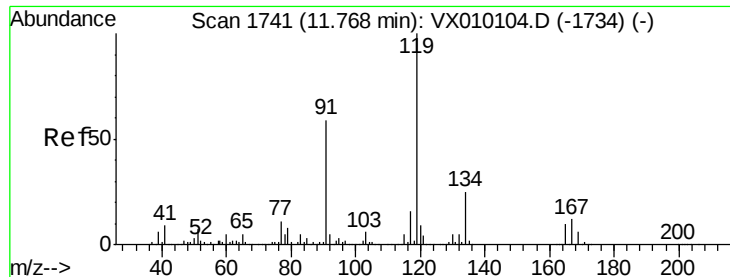
126 32.9 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

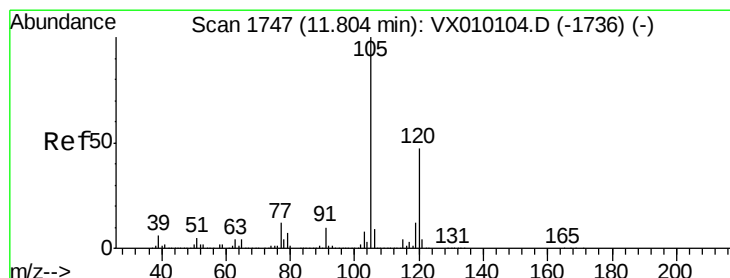
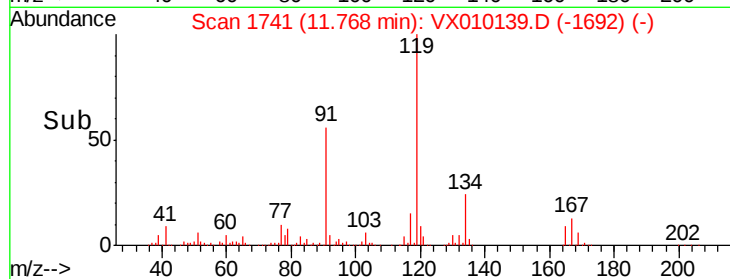
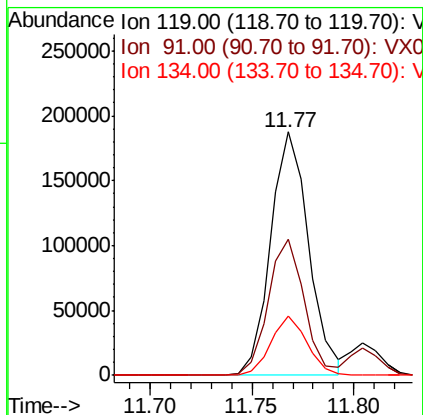
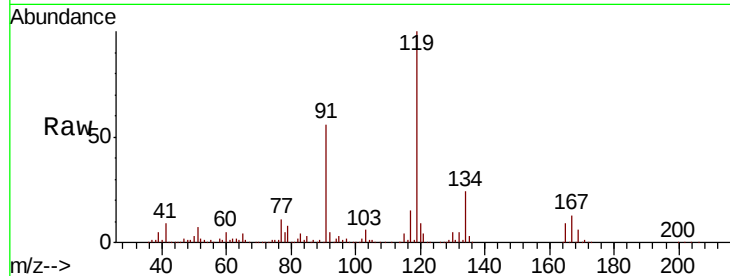




#83
 tert-Butylbenzene
 Concen: 19.546 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX010139.D
 Acq: 08 Jun 2019 15:33

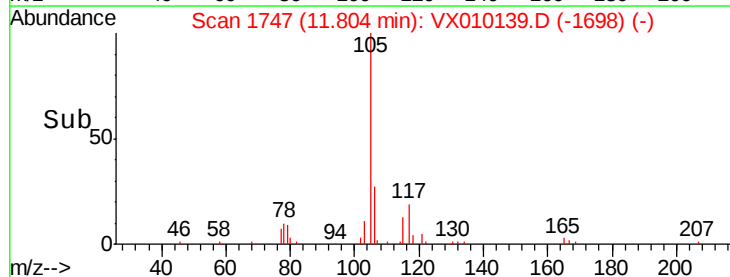
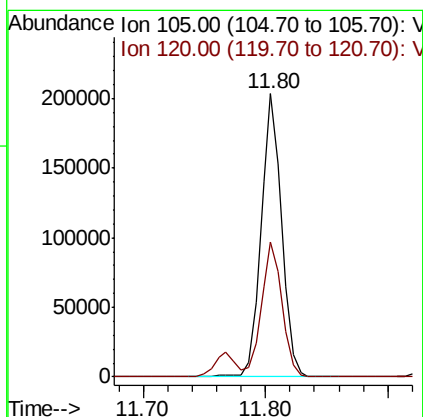
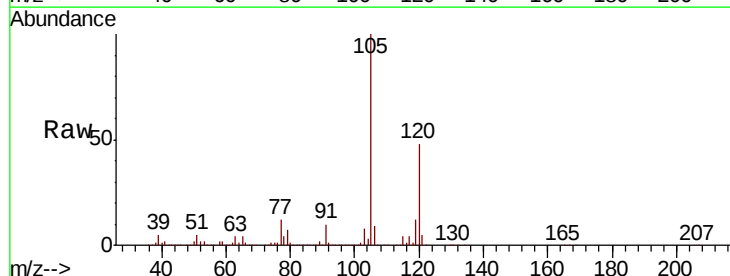
Instrument :
 MSVOA_X
 ClientSampled :
 VX0608WBS01

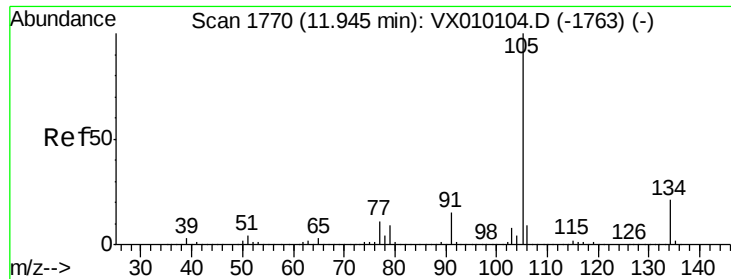
Tgt Ion:119 Resp: 243903
 Ion Ratio Lower Upper
 119 100
 91 53.2 30.0 90.0
 134 23.1 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 19.174 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010139.D
 Acq: 08 Jun 2019 15:33

Tgt Ion:105 Resp: 238772
 Ion Ratio Lower Upper
 105 100
 120 47.7 22.1 66.1

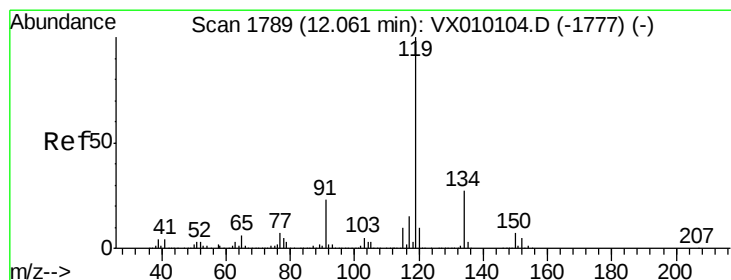
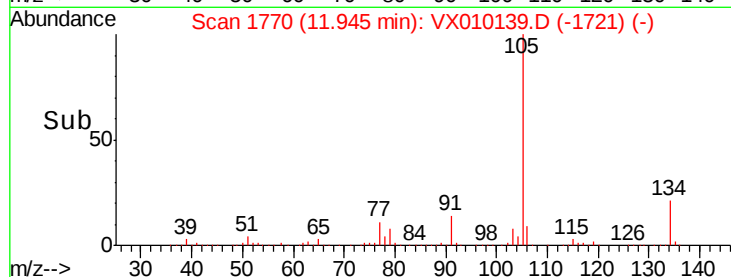
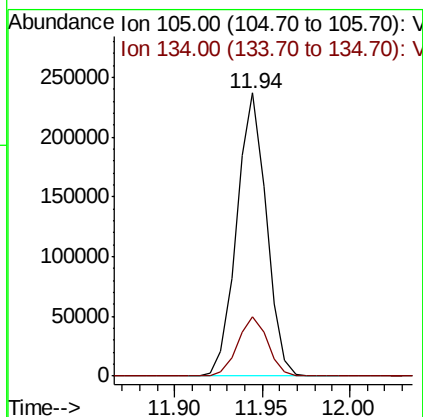
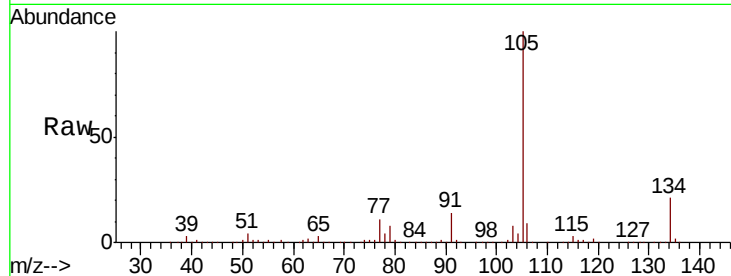




#85
 sec-Butylbenzene
 Concen: 19.170 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX010139.D
 Acq: 08 Jun 2019 15:33

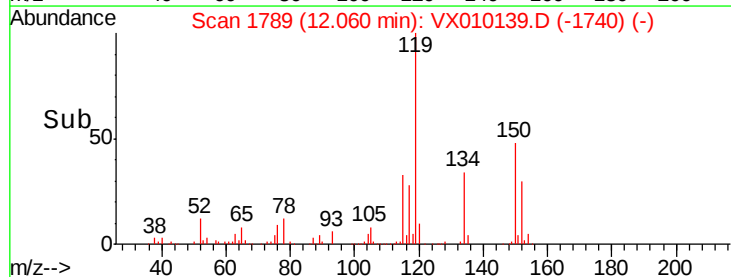
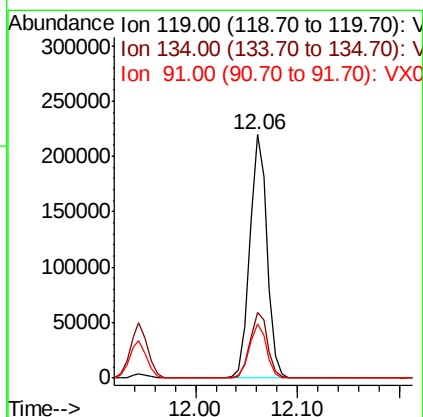
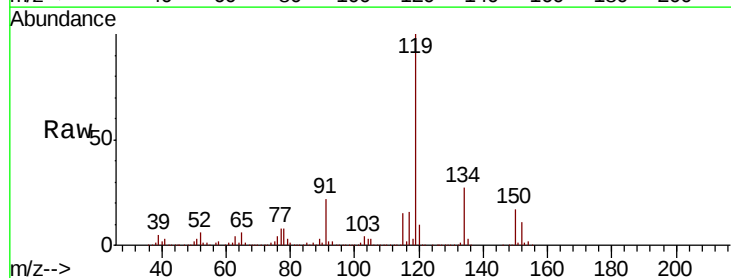
Instrument :
 MSVOA_X
 ClientSampled :
 VX0608WBS01

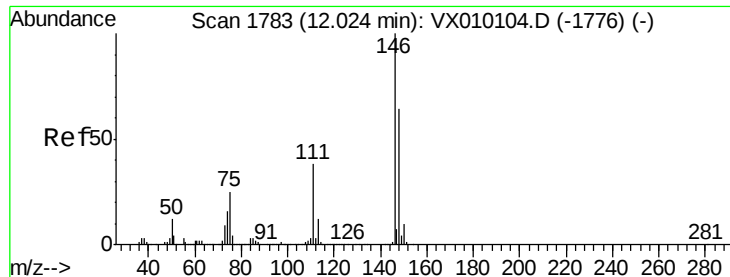
Tgt Ion:105 Resp: 278690
 Ion Ratio Lower Upper
 105 100
 134 21.2 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 19.428 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX010139.D
 Acq: 08 Jun 2019 15:33

Tgt Ion:119 Resp: 258201
 Ion Ratio Lower Upper
 119 100
 134 27.6 12.9 38.6
 91 22.2 11.9 35.9

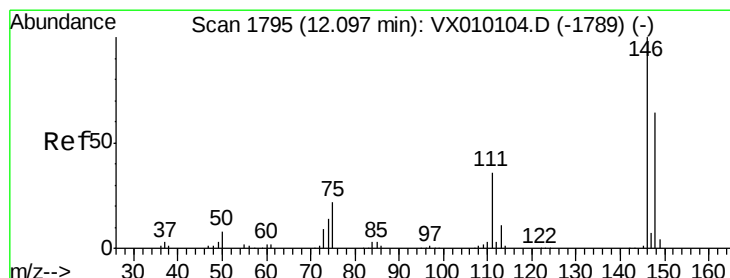
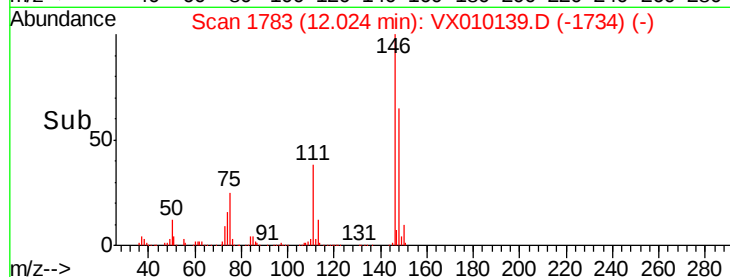
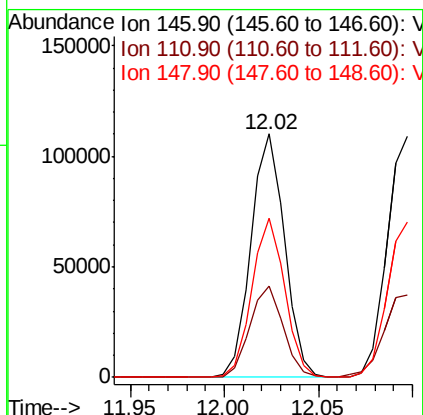
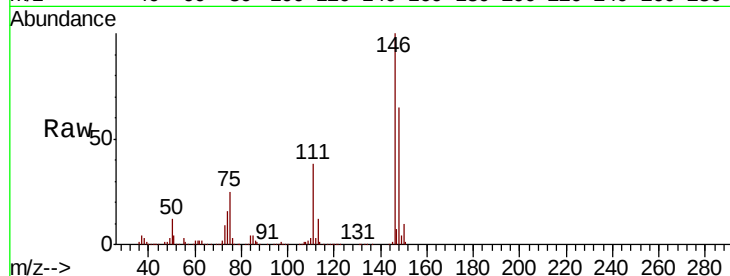




#87
 1,3-Dichlorobenzene
 Concen: 19.198 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010139.D
 Acq: 08 Jun 2019 15:33

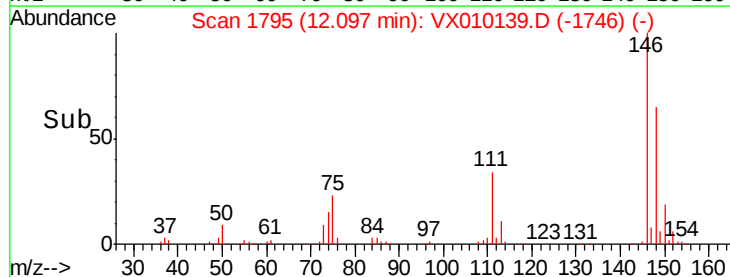
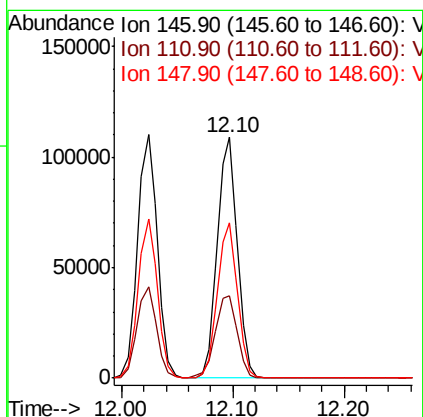
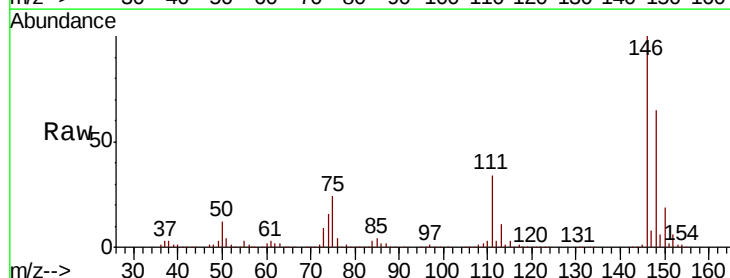
Instrument :
 MSVOA_X
 ClientSampled :
 VX0608WBS01

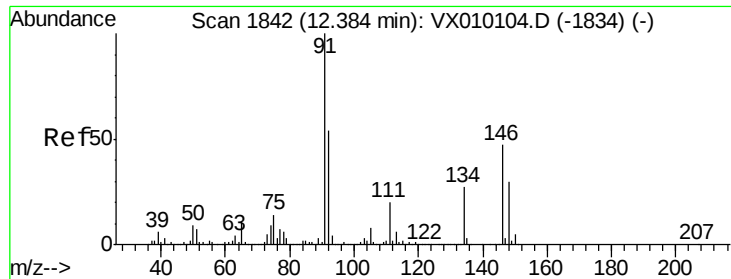
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	20.1	60.2
148	63.9	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 18.985 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010139.D
 Acq: 08 Jun 2019 15:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	20.0	59.9
148	64.7	32.3	96.9

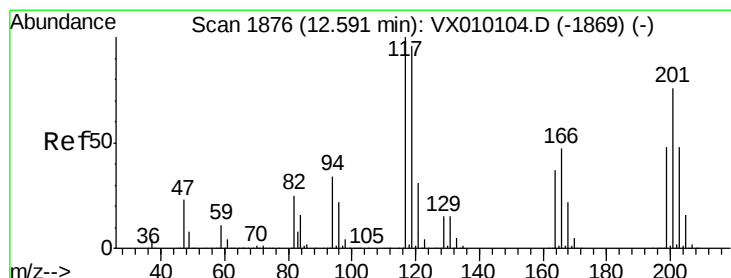
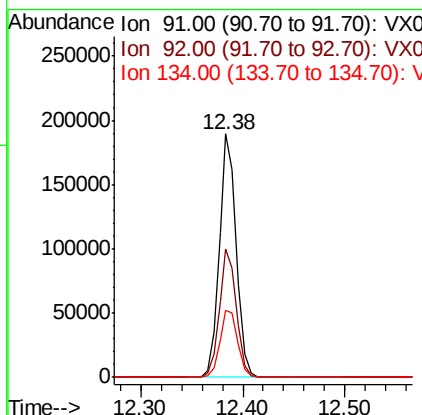
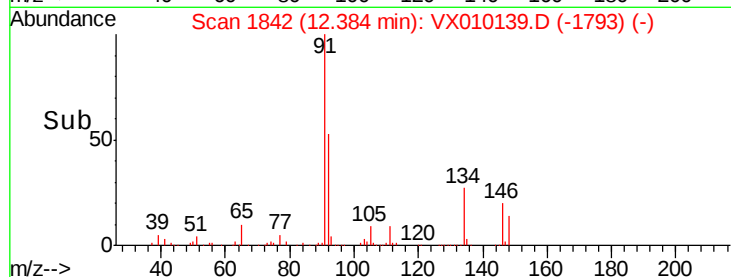
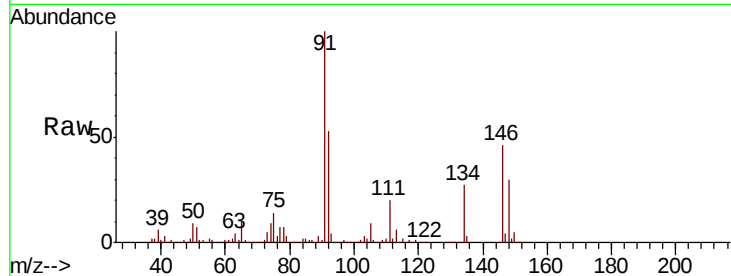




#89
n-Butylbenzene
Concen: 19.204 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010139.D
Acq: 08 Jun 2019 15:33

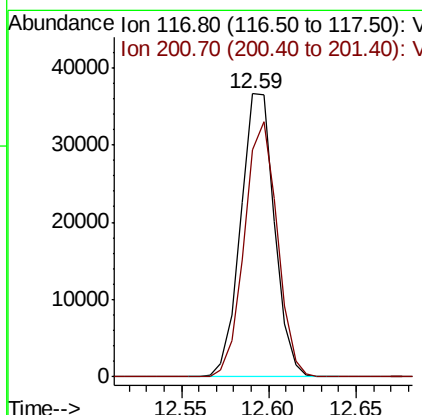
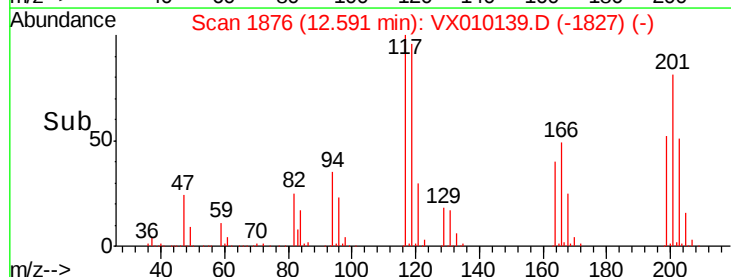
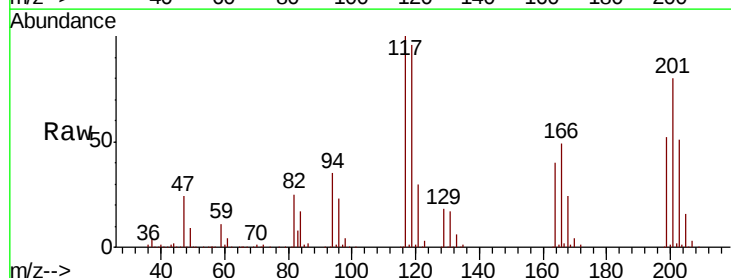
Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

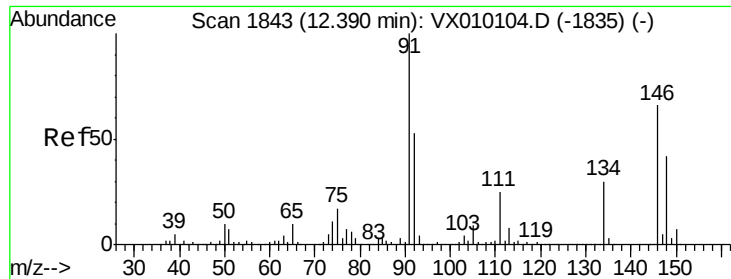
Tgt Ion: 91 Resp: 219698
Ion Ratio Lower Upper
91 100
92 53.0 26.3 78.8
134 28.7 12.3 36.8



#90
Hexachloroethane
Concen: 18.589 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX010139.D
Acq: 08 Jun 2019 15:33

Tgt Ion: 117 Resp: 49215
Ion Ratio Lower Upper
117 100
201 87.7 43.6 130.9

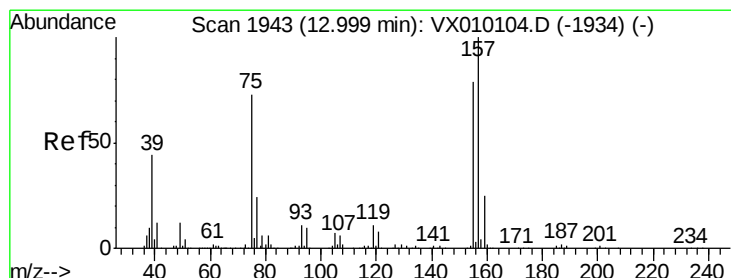
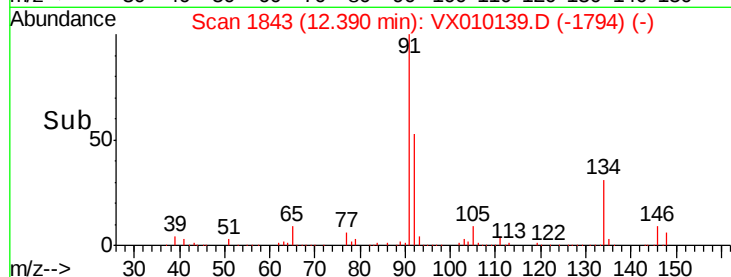
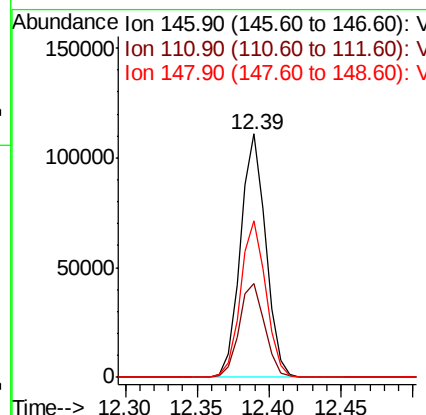
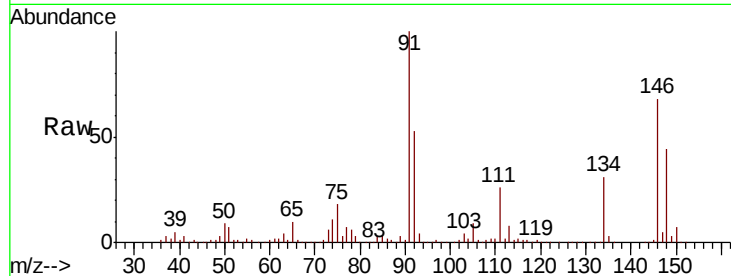




#91
 1,2-Dichlorobenzene
 Concen: 19.779 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010139.D
 Acq: 08 Jun 2019 15:33

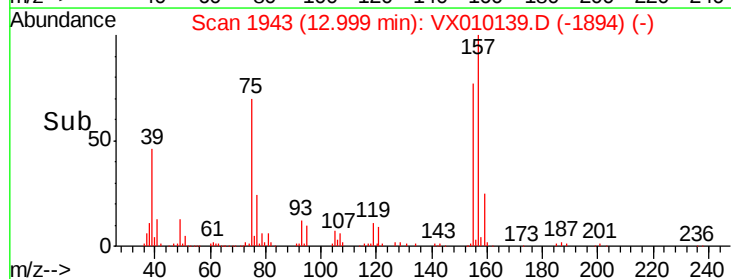
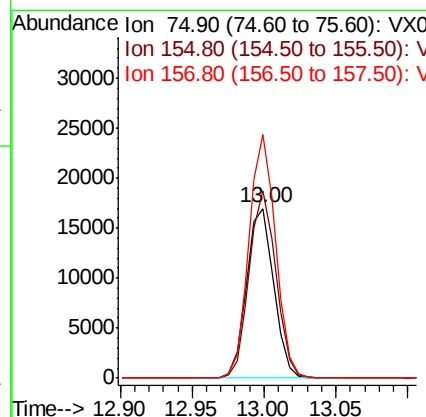
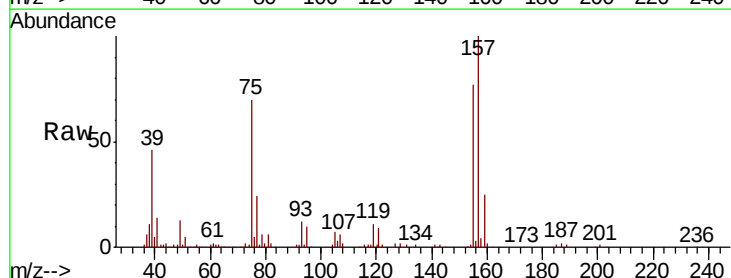
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS01

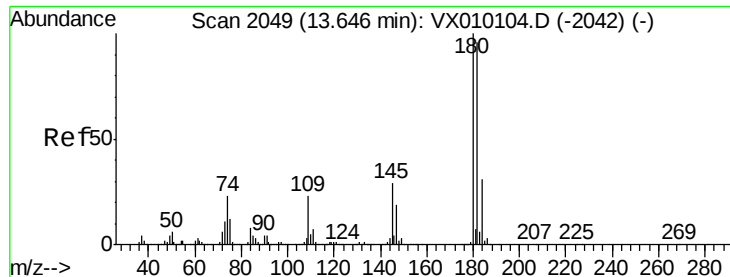
Tgt Ion: 146 Resp: 136337
 Ion Ratio Lower Upper
 146 100
 111 39.2 21.1 63.1
 148 64.5 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.737 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010139.D
 Acq: 08 Jun 2019 15:33

Tgt Ion: 75 Resp: 22092
 Ion Ratio Lower Upper
 75 100
 155 108.4 39.3 117.8
 157 140.3 50.6 151.8

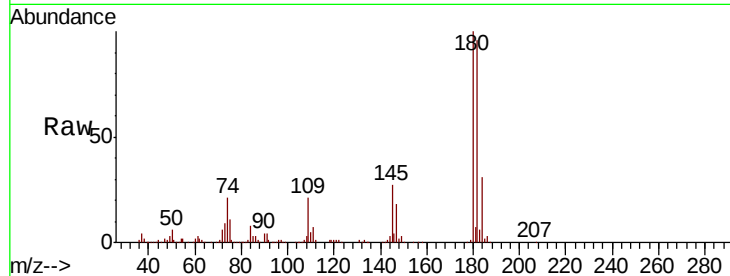




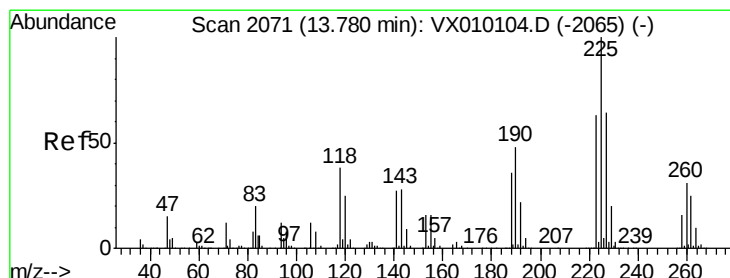
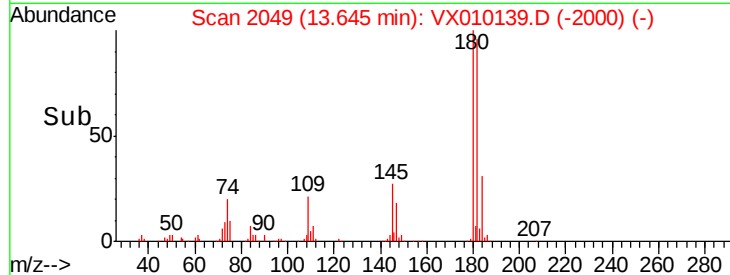
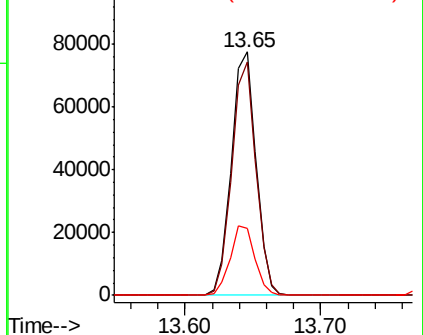
#93
 1,2,4-Trichlorobenzene
 Concen: 19.362 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010139.D
 Acq: 08 Jun 2019 15:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS01

Tgt Ion:180 Resp: 97691
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.4 142.2
 145 28.6 14.5 43.5

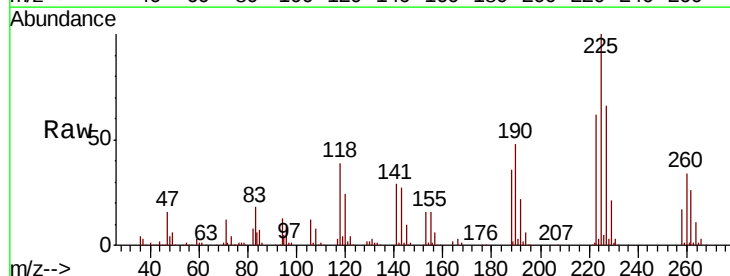


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

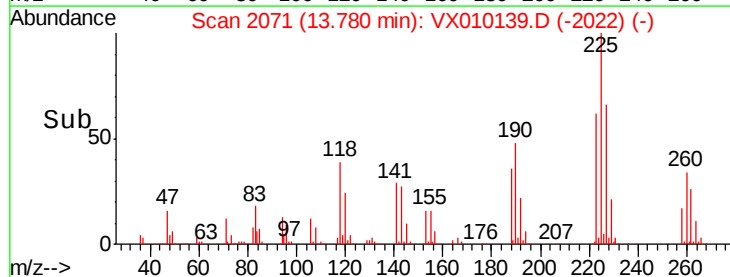
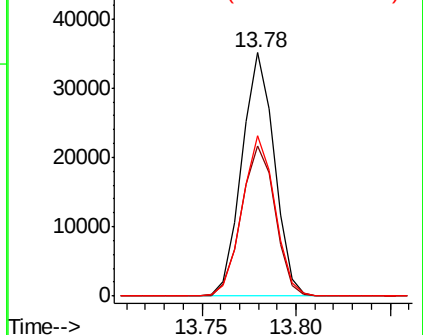


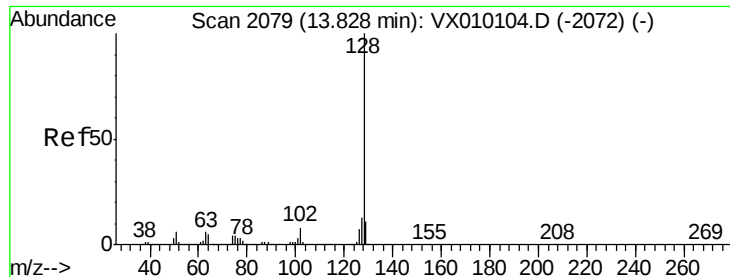
#94
 Hexachlorobutadiene
 Concen: 18.743 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010139.D
 Acq: 08 Jun 2019 15:33

Tgt Ion:225 Resp: 42057
 Ion Ratio Lower Upper
 225 100
 223 64.0 31.3 93.8
 227 66.3 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: 19.637 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010139.D

Acq: 08 Jun 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS01

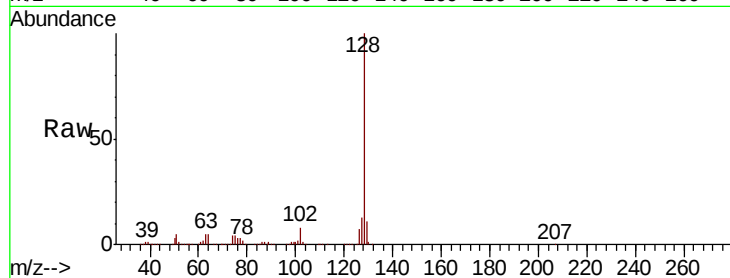
Tgt Ion:128 Resp: 311901

Ion Ratio Lower Upper

128 100

127 12.6 10.6 16.0

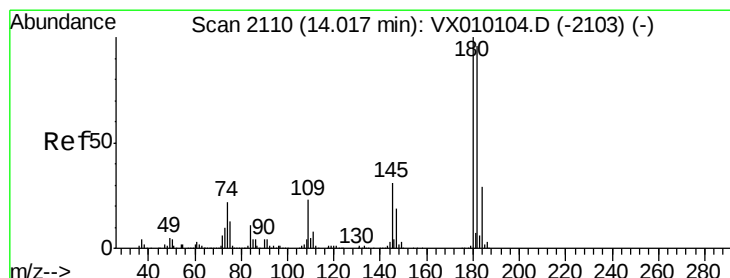
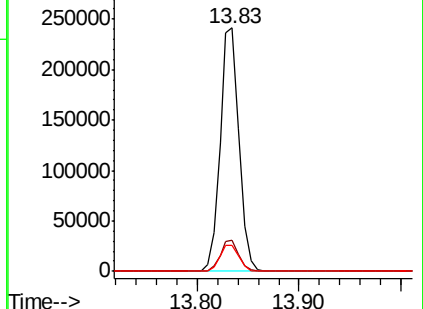
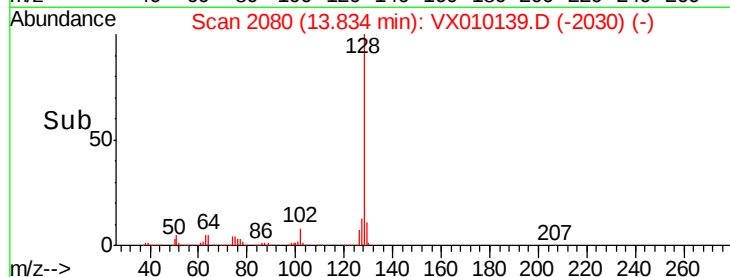
129 11.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.323 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010139.D

Acq: 08 Jun 2019 15:33

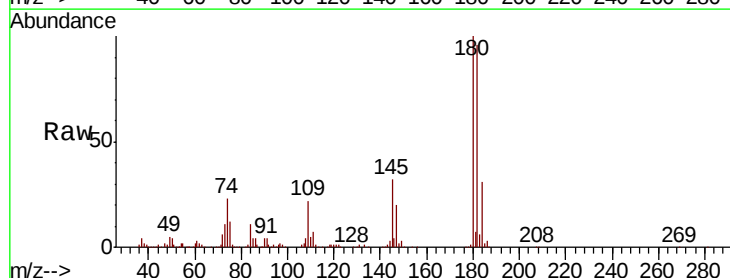
Tgt Ion:180 Resp: 96401

Ion Ratio Lower Upper

180 100

182 96.8 47.3 142.0

145 31.9 15.6 46.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

