

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052119\
 Data File : VX009770.D
 Acq On : 22 May 2019 00:44
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 22 07:11:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	154928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	255301	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	232504	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115760	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	109871	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
35) Dibromofluoromethane	5.50	113	79594	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
50) Toluene-d8	8.71	98	327334	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
62) 4-Bromofluorobenzene	11.13	95	119376	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	66866	46.835	ug/l	100
3) Chloromethane	1.32	50	98893	50.736	ug/l	100
4) Vinyl Chloride	1.41	62	99106	52.142	ug/l	98
5) Bromomethane	1.64	94	63921	56.031	ug/l	98
6) Chloroethane	1.71	64	66231	54.274	ug/l	97
7) Trichlorofluoromethane	1.92	101	116886	50.592	ug/l	100
8) Diethyl Ether	2.19	74	54593	49.885	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	70060	48.289	ug/l	100
10) Methyl Iodide	2.51	142	71718	43.229	ug/l	98
11) Tert butyl alcohol	3.06	59	129120	263.747	ug/l	99
12) 1,1-Dichloroethene	2.37	96	73937	50.862	ug/l	98
13) Acrolein	2.29	56	98134	221.341	ug/l	100
14) Allyl chloride	2.73	41	179255	50.600	ug/l	99
15) Acrylonitrile	3.14	53	309001	258.144	ug/l	100
16) Acetone	2.45	43	269566	237.368	ug/l	98
17) Carbon Disulfide	2.57	76	220437	54.012	ug/l	100
18) Methyl Acetate	2.78	43	132363	49.009	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	286204	50.701	ug/l	98
20) Methylene Chloride	2.85	84	89723	48.795	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	81364	51.610	ug/l	100
22) Diisopropyl ether	3.85	45	352098	51.682	ug/l	97
23) Vinyl Acetate	3.81	43	1582901	271.327	ug/l	99
24) 1,1-Dichloroethane	3.70	63	168892	50.253	ug/l	99
25) 2-Butanone	4.67	43	463884	262.860	ug/l	98
26) 2,2-Dichloropropane	4.59	77	100254	40.076	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	94325	50.126	ug/l	98
28) Bromochloromethane	5.01	49	87252	65.333	ug/l	97
29) Tetrahydrofuran	5.13	42	309195	272.271	ug/l	97
30) Chloroform	5.21	83	153956	50.649	ug/l	99
31) Cyclohexane	5.58	56	164167	52.503	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	127927	50.556	ug/l	99
36) 1,1-Dichloropropene	5.80	75	117714	49.615	ug/l	99
37) Ethyl Acetate	4.84	43	174452	52.774	ug/l	99
38) Carbon Tetrachloride	5.79	117	108889	50.514	ug/l	97

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 VSTDCCC050

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	143824	49.361	ug/l	98
40) Benzene	6.14	78	366313	49.889	ug/l	98
41) Methacrylonitrile	5.04	41	99319	50.473	ug/l	98
42) 1,2-Dichloroethane	6.20	62	133360	50.632	ug/l	99
43) Isopropyl Acetate	6.45	43	276505	52.293	ug/l	99
44) Trichloroethene	7.21	130	85540	48.189	ug/l	99
45) 1,2-Dichloropropane	7.51	63	104891	50.449	ug/l	100
46) Dibromomethane	7.66	93	59508	49.287	ug/l	100
47) Bromodichloromethane	7.90	83	120905	50.202	ug/l	99
48) Methyl methacrylate	7.77	41	139768	53.280	ug/l	97
49) 1,4-Dioxane	7.74	88	52717	990.919	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	935982	270.822	ug/l	98
52) Toluene	8.78	92	222974	49.956	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	137557	50.589	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	150277	49.932	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	90698	49.808	ug/l	96
56) Ethyl methacrylate	9.18	69	169509	52.149	ug/l	96
57) 1,3-Dichloropropane	9.37	76	160829	50.190	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	430768	249.813	ug/l	100
59) 2-Hexanone	9.49	43	723887	266.688	ug/l	97
60) Dibromochloromethane	9.58	129	90941	51.134	ug/l	99
61) 1,2-Dibromoethane	9.67	107	93256	50.735	ug/l	100
64) Tetrachloroethene	9.34	164	79995	50.158	ug/l	98
65) Chlorobenzene	10.13	112	232156	49.914	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	83056	49.256	ug/l	99
67) Ethyl Benzene	10.25	91	434362	50.744	ug/l	99
68) m/p-Xylenes	10.36	106	317328	101.446	ug/l	98
69) o-Xylene	10.69	106	154975	50.214	ug/l	98
70) Styrene	10.71	104	275415	51.343	ug/l	99
71) Bromoform	10.85	173	70438	51.403	ug/l #	99
73) Isopropylbenzene	11.02	105	414076	49.190	ug/l	99
74) N-amyl acetate	10.90	43	257106	52.388	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	152653	48.645	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	179703	66.923	ug/l	81
77) Bromobenzene	11.26	156	103423	49.500	ug/l	99
78) n-propylbenzene	11.36	91	479850	49.913	ug/l	100
79) 2-Chlorotoluene	11.42	91	286630	48.326	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	354472	50.011	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	49293	46.969	ug/l	97
82) 4-Chlorotoluene	11.51	91	333692	49.801	ug/l	99
83) tert-Butylbenzene	11.77	119	334960	48.580	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	354191	49.785	ug/l	99
85) sec-Butylbenzene	11.94	105	402175	49.198	ug/l	100
86) p-Isopropyltoluene	12.06	119	364222	49.561	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	182752	49.065	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	184231	49.061	ug/l	100
89) n-Butylbenzene	12.38	91	328089	49.394	ug/l	100
90) Hexachloroethane	12.60	117	62531	49.944	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	182559	48.121	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35886	50.977	ug/l	96

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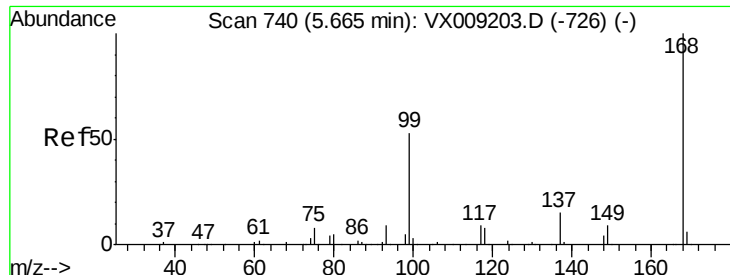
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: May 22 07:11:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	126033	48.581	ug/l	99
94) Hexachlorobutadiene	13.78	225	64462	48.658	ug/l	99
95) Naphthalene	13.83	128	420888	49.866	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	130046	49.452	ug/l	99

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

[illegible]



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009770.D

Acq: 22 May 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

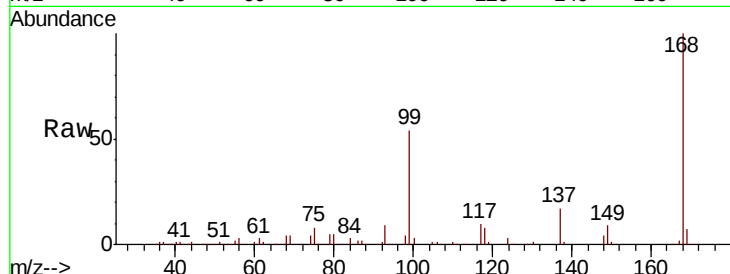
VSTDCCC050

Tot Ion:168 Resp: 154928

Ion Ratio Lower Upper

168 100

99 53.6 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

50000

40000

30000

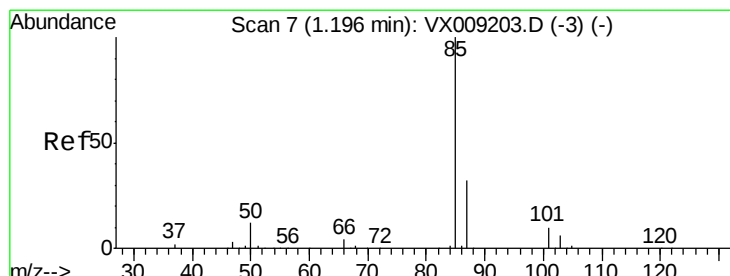
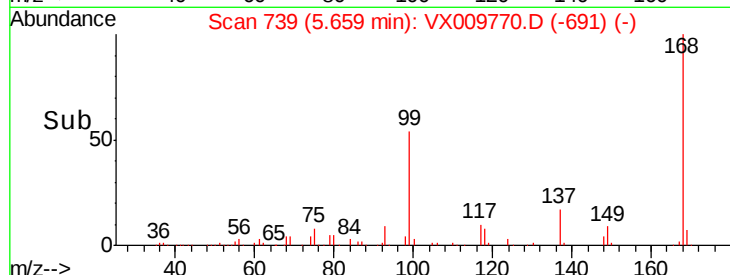
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 46.835 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009770.D

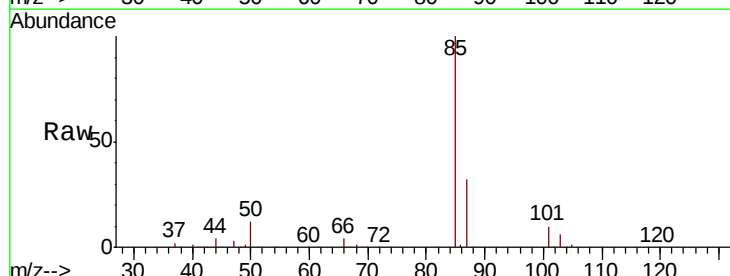
Acq: 22 May 2019 00:44

Tgt Ion: 85 Resp: 66866

Ion Ratio Lower Upper

85 100

87 32.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

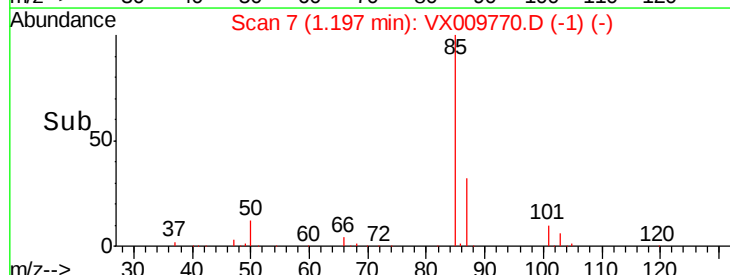
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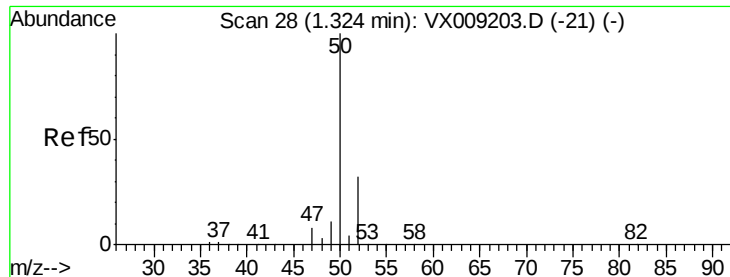
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0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 50.736 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009770.D

Acq: 22 May 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

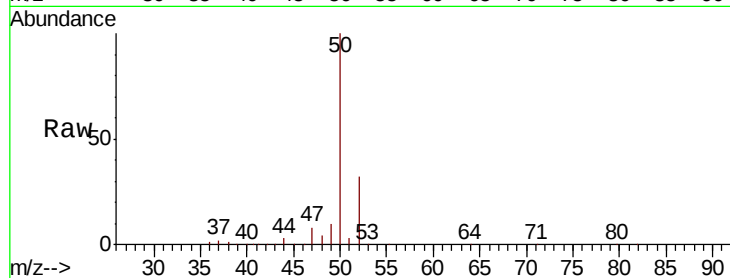
VSTDCCC050

Tot Ion: 50 Resp: 98893

Ion Ratio Lower Upper

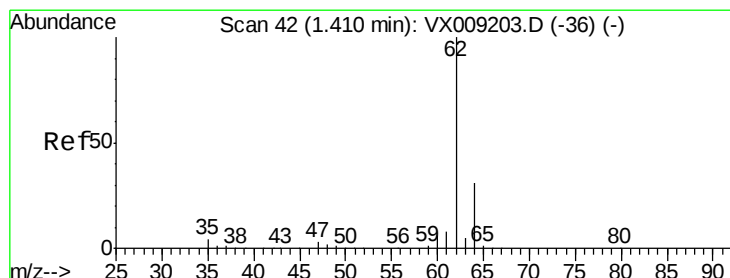
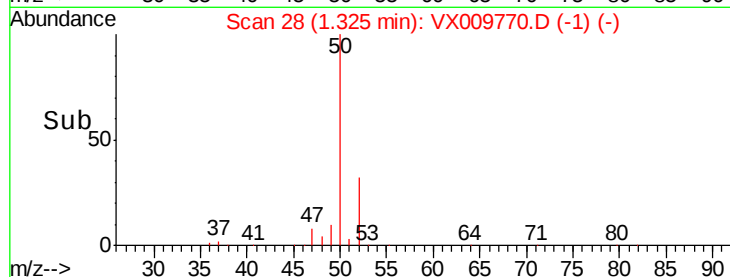
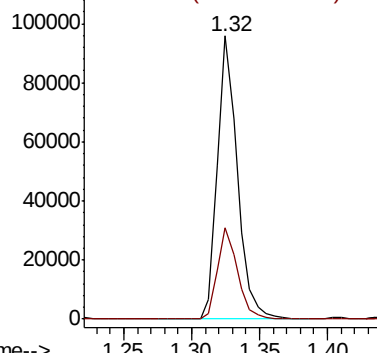
50 100

52 32.3 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 52.142 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009770.D

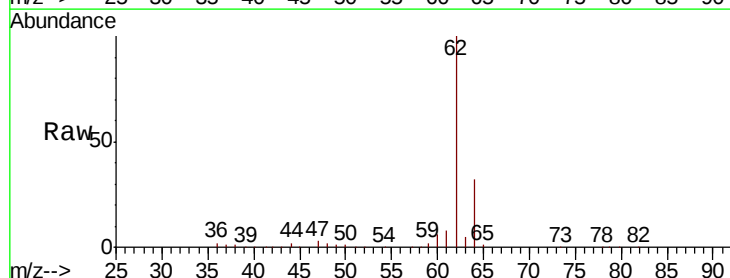
Acq: 22 May 2019 00:44

Tgt Ion: 62 Resp: 99106

Ion Ratio Lower Upper

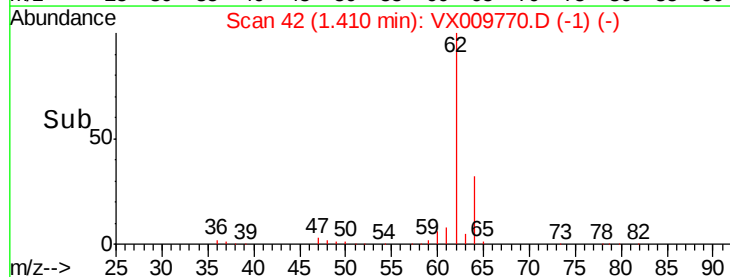
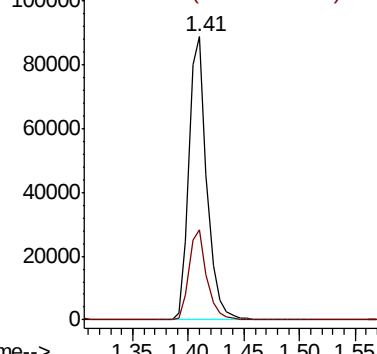
62 100

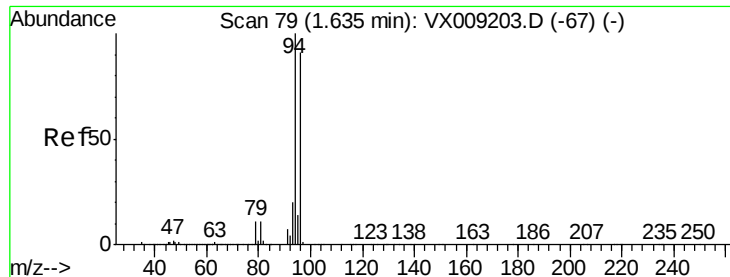
64 31.9 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 56.031 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009770.D

Acq: 22 May 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

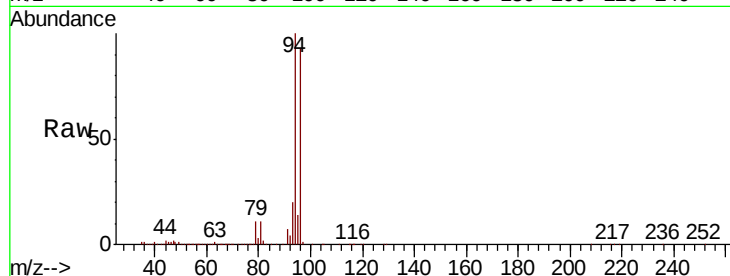
VSTDCCC050

Tot Ion: 94 Resp: 63921

Ion Ratio Lower Upper

94 100

96 93.0 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

80000

60000

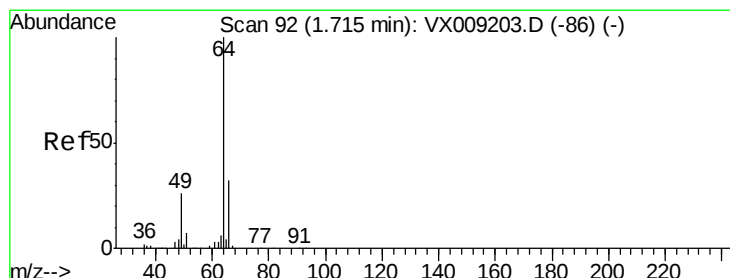
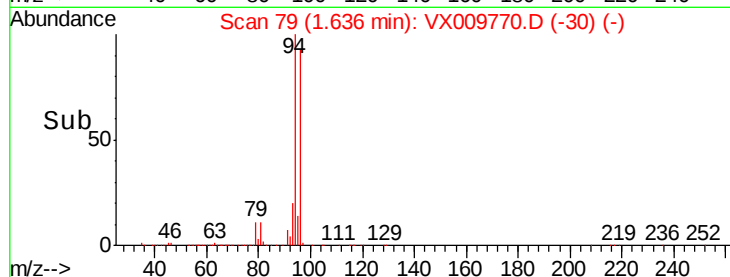
40000

20000

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 54.274 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX009770.D

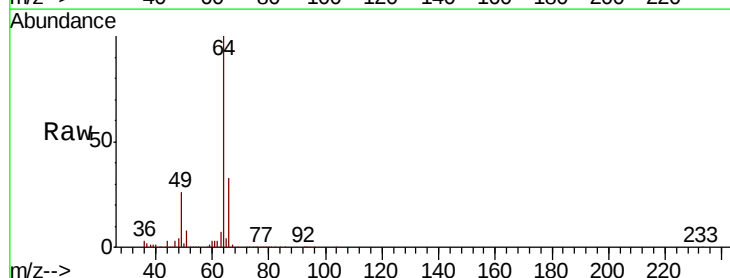
Acq: 22 May 2019 00:44

Tgt Ion: 64 Resp: 66231

Ion Ratio Lower Upper

64 100

66 33.3 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

50000

40000

30000

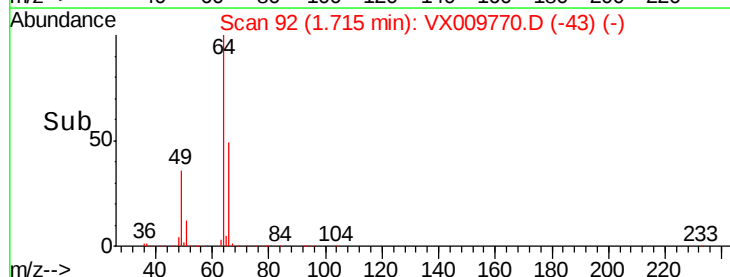
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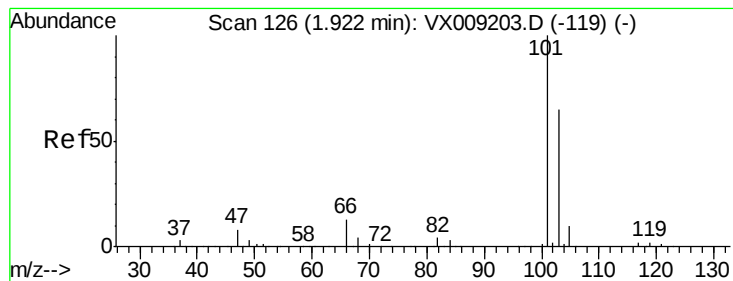
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0

1.50 1.60 1.70 1.80

Time-->



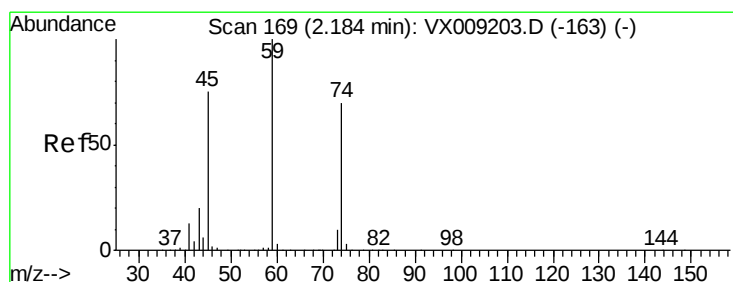
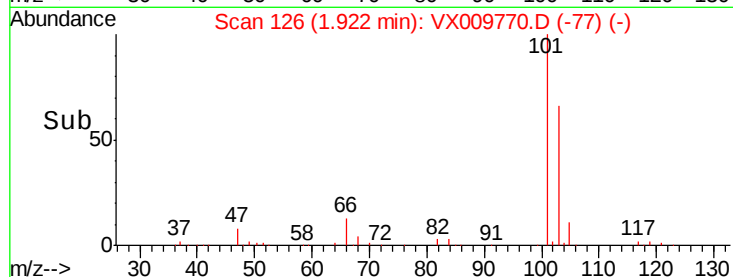
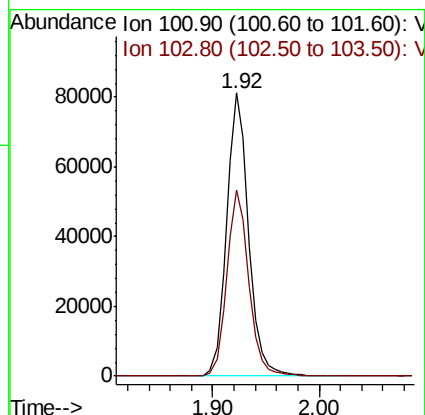
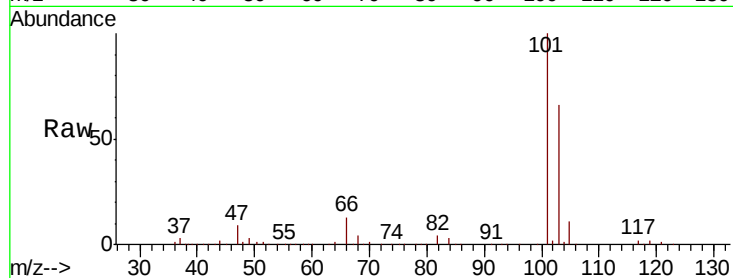


#7

Trichlorofluoromethane
 Concen: 50.592 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX009770.D
 Acq: 22 May 2019 00:44

Instrument :
 MSVOA_X
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 VSTDCCC050

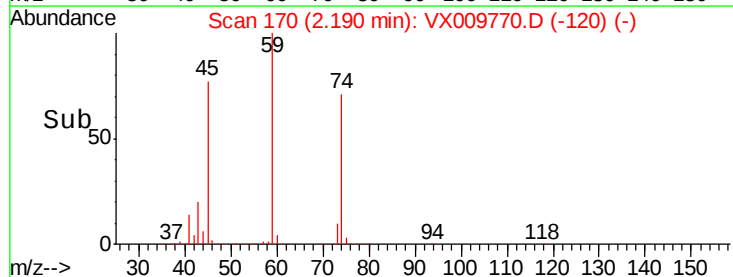
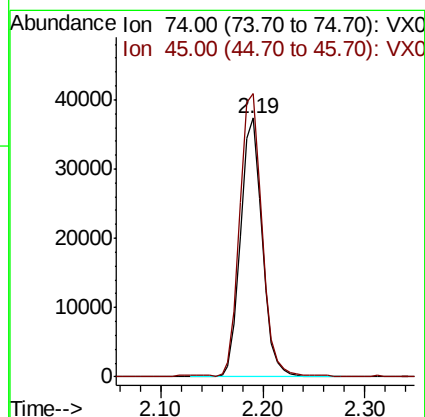
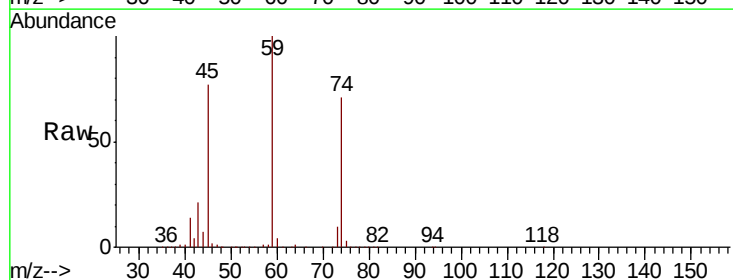
Tot Ion:101 Resp: 116886
 Ion Ratio Lower Upper
 101 100
 103 65.6 52.4 78.6

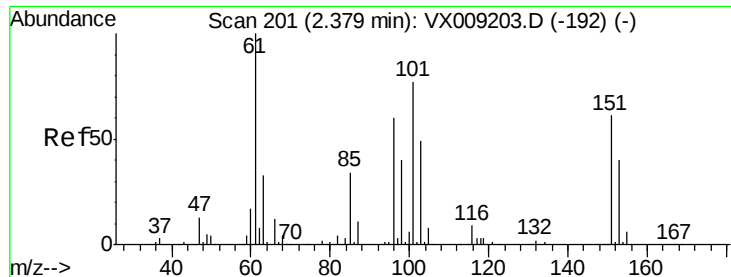


#8

Diethyl Ether
 Concen: 49.885 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009770.D
 Acq: 22 May 2019 00:44

Tgt Ion: 74 Resp: 54593
 Ion Ratio Lower Upper
 74 100
 45 112.1 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.289 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009770.D

Acq: 22 May 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

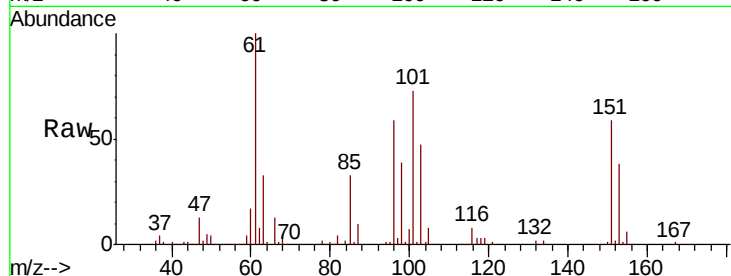
Tot Ion:101 Resp: 70060

Ion Ratio Lower Upper

101 100

85 44.5 35.7 53.5

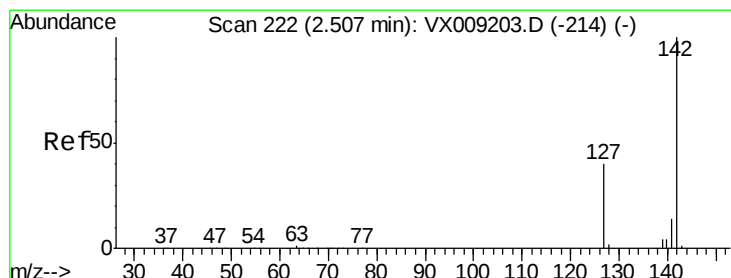
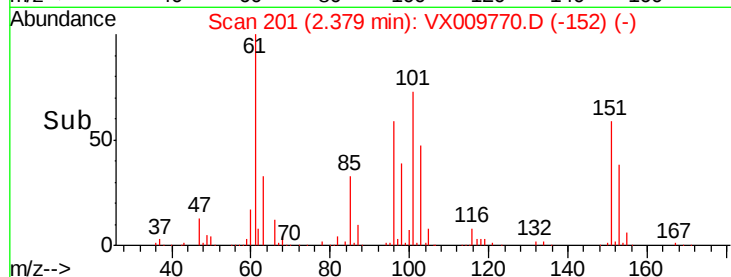
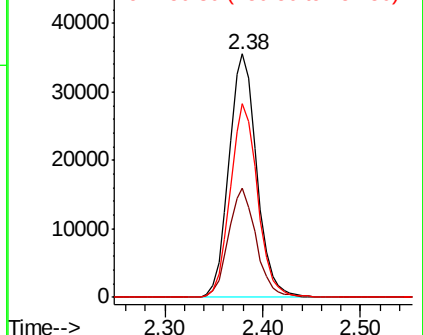
151 78.3 62.2 93.2



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: 43.229 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009770.D

Acq: 22 May 2019 00:44

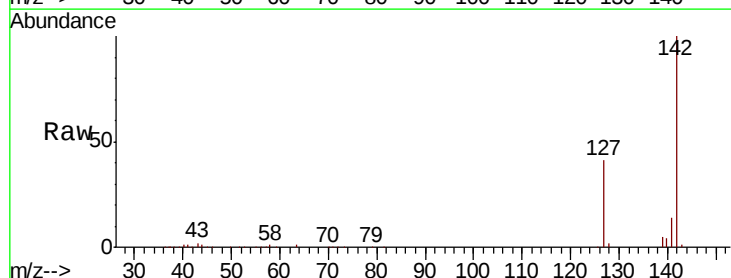
Tgt Ion:142 Resp: 71718

Ion Ratio Lower Upper

142 100

127 42.6 32.7 49.1

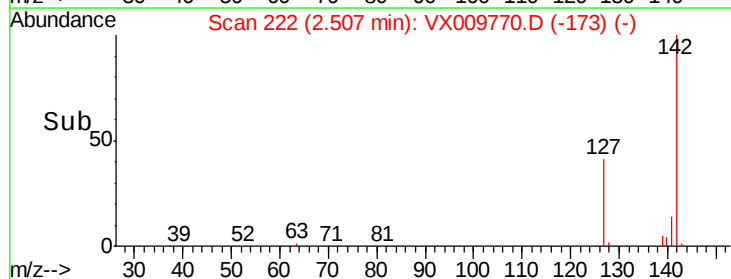
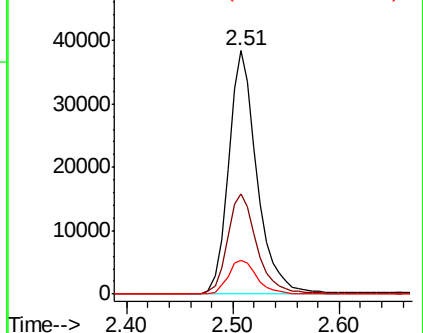
141 14.5 11.5 17.3

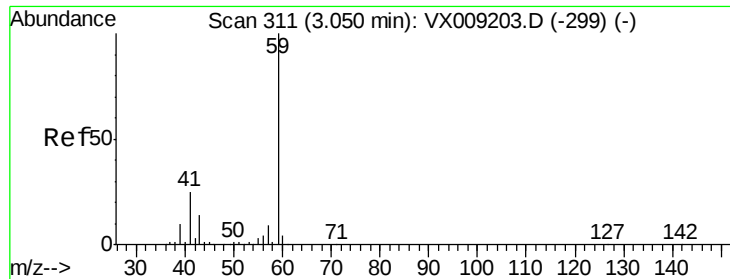


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

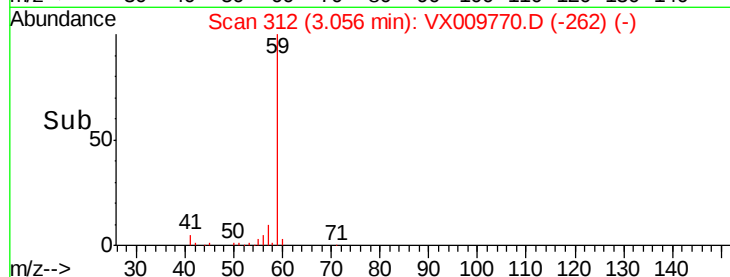
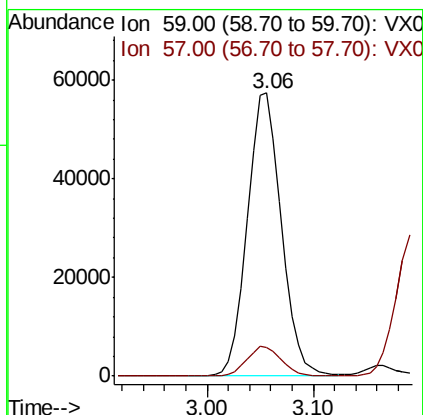
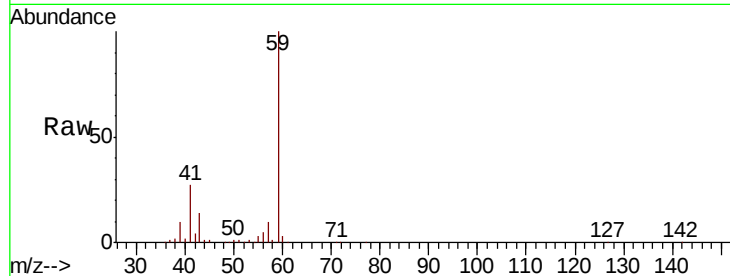




#11
Tert butyl alcohol
Concen: 263.747 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX009770.D
Acq: 22 May 2019 00:44

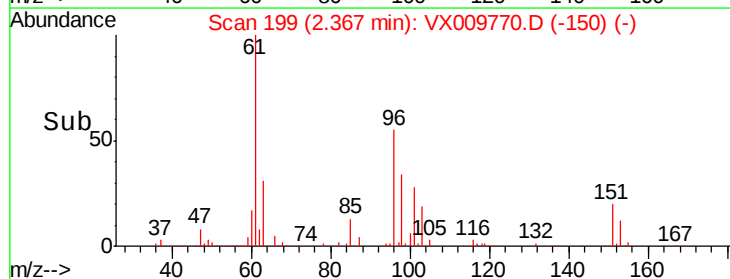
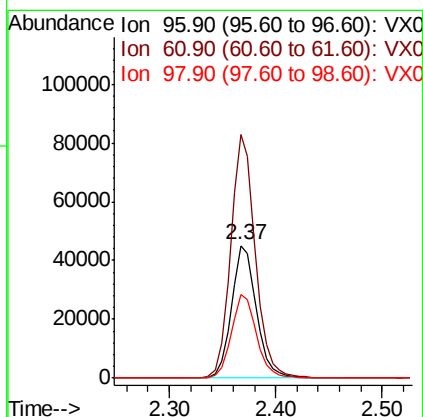
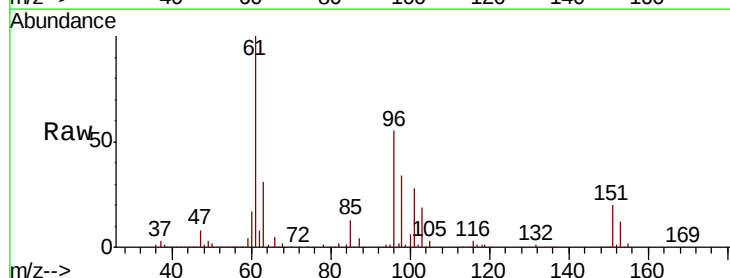
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

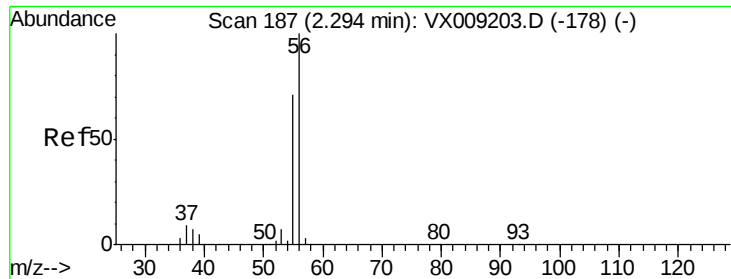
Tot Ion: 59 Resp: 129120
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.2



#12
1,1-Dichloroethene
Concen: 50.862 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX009770.D
Acq: 22 May 2019 00:44

Tgt Ion: 96 Resp: 73937
Ion Ratio Lower Upper
96 100
61 183.3 144.3 216.5
98 62.8 50.3 75.5





#13

Acrolein

Concen: 221.341 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009770.D

Acq: 22 May 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

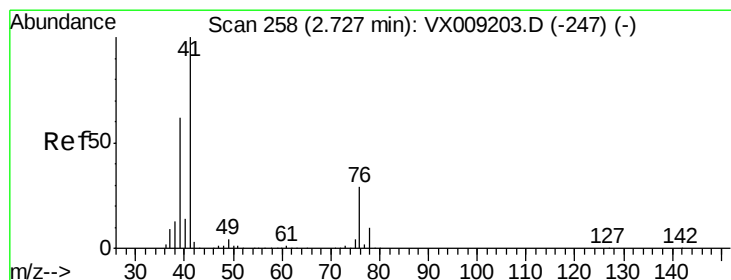
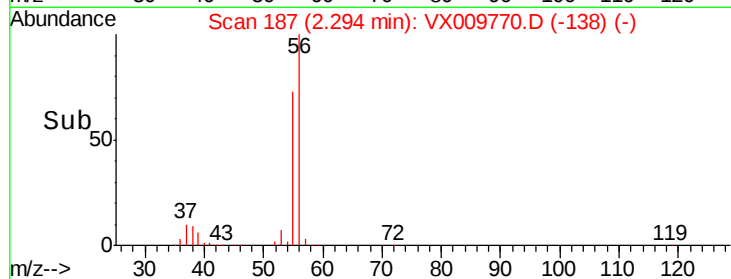
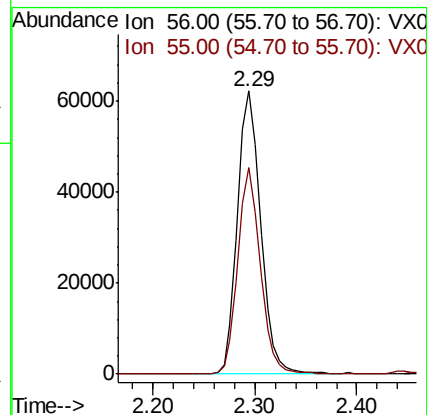
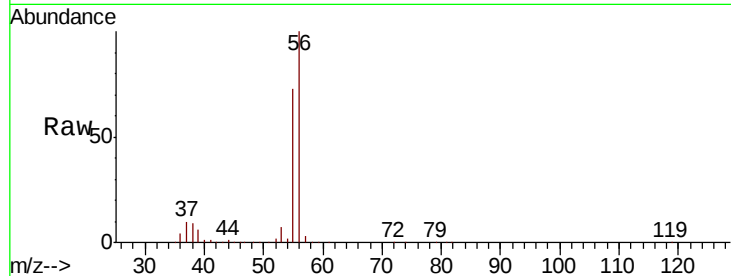
VSTDCCC050

Tot Ion: 56 Resp: 98134

Ion Ratio Lower Upper

56 100

55 70.7 56.6 85.0



#14

Allyl chloride

Concen: 50.600 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009770.D

Acq: 22 May 2019 00:44

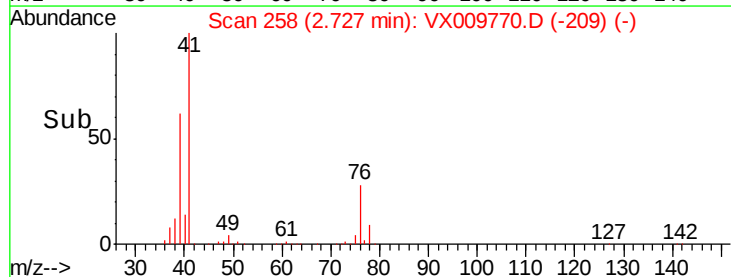
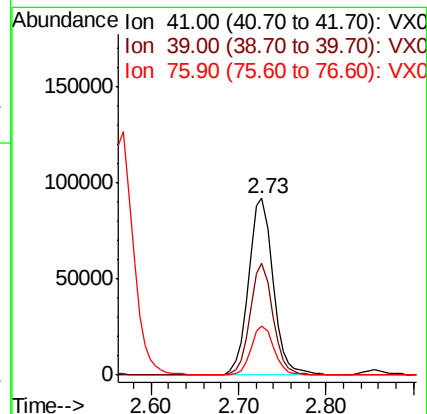
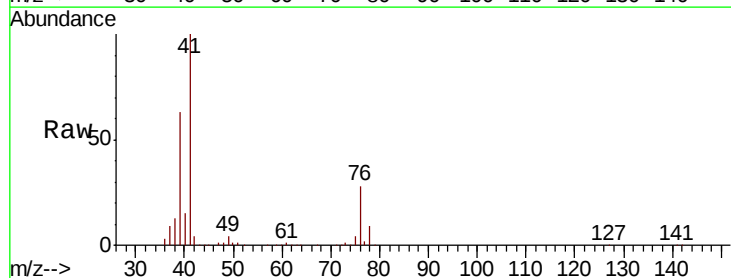
Tgt Ion: 41 Resp: 179255

Ion Ratio Lower Upper

41 100

39 59.0 46.7 70.1

76 26.3 21.8 32.8





#15

Acrylonitrile

Concen: 258.144 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009770.D

Acq: 22 May 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

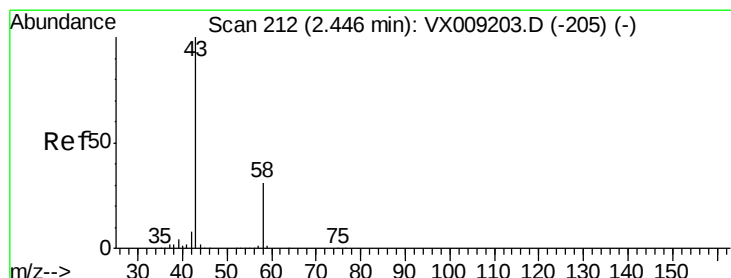
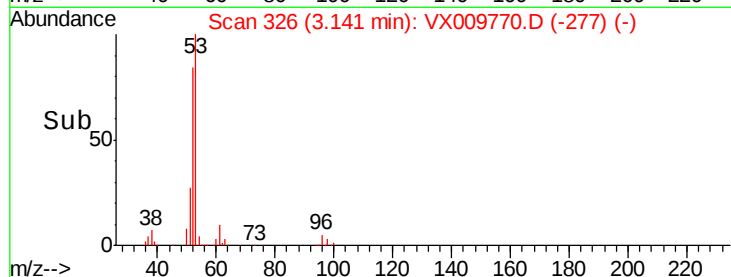
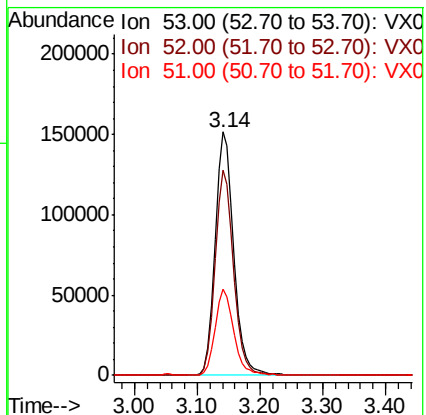
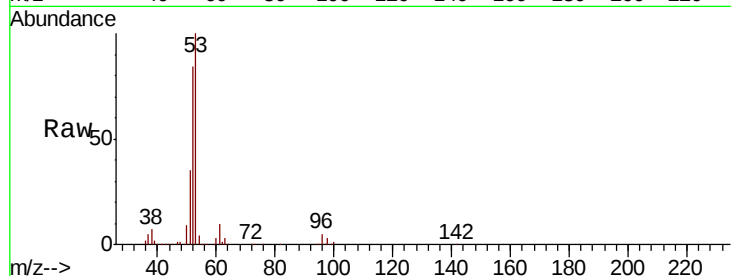
Tot Ion: 53 Resp: 309001

Ion Ratio Lower Upper

53 100

52 83.7 66.9 100.3

51 35.5 28.2 42.2



#16

Acetone

Concen: 237.368 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009770.D

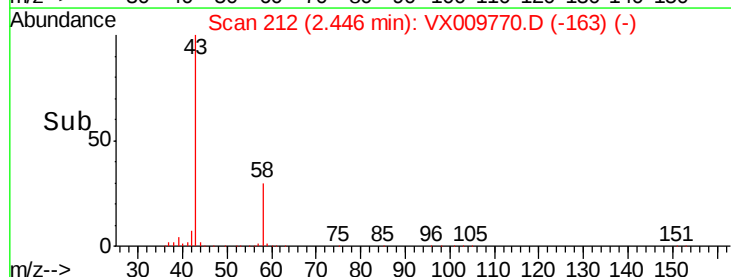
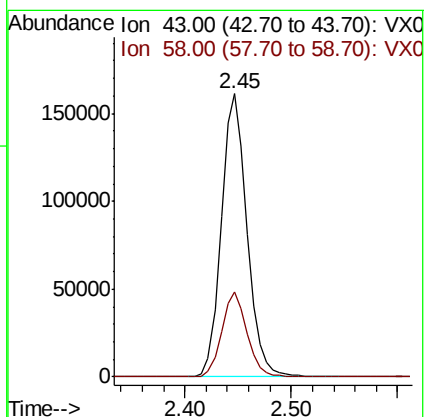
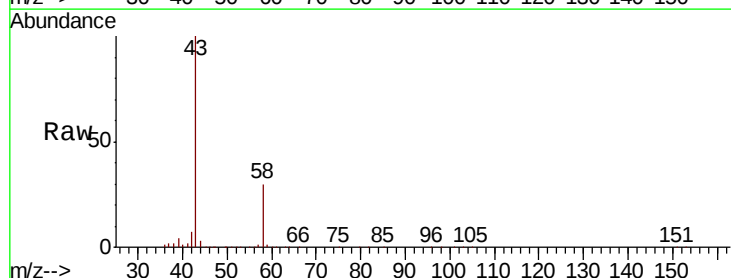
Acq: 22 May 2019 00:44

Tgt Ion: 43 Resp: 269566

Ion Ratio Lower Upper

43 100

58 30.2 24.9 37.3

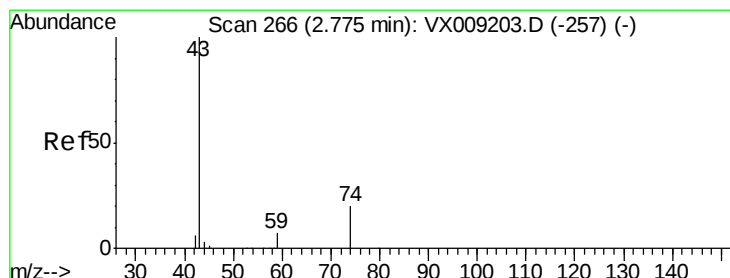
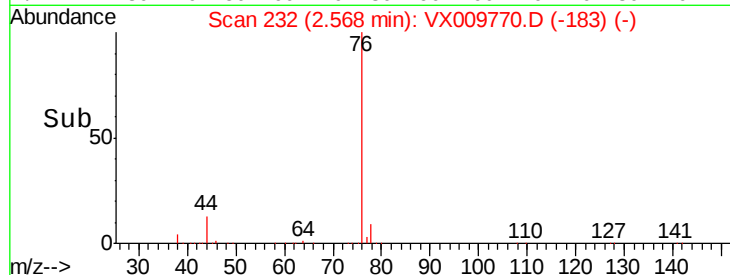
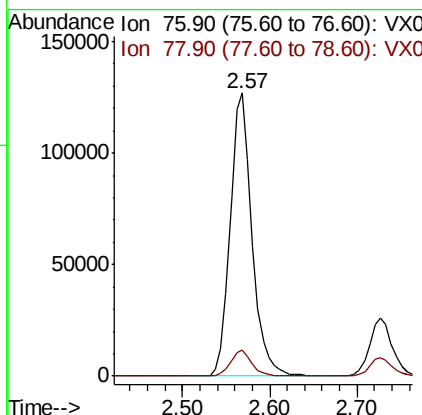
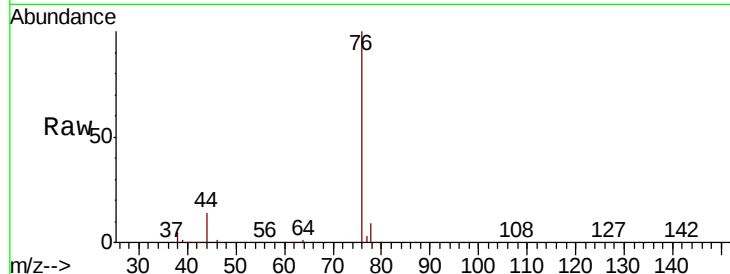




#17
Carbon Disulfide
Concen: 54.012 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009770.D
Acq: 22 May 2019 00:44

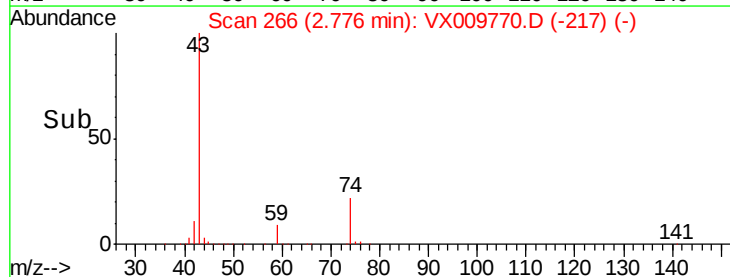
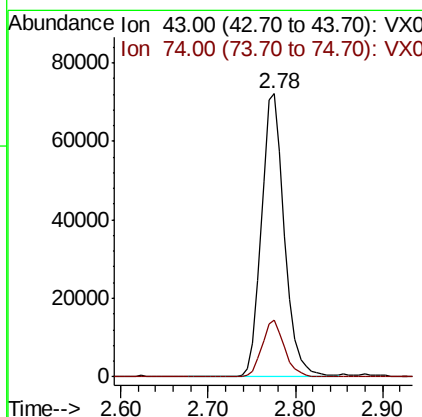
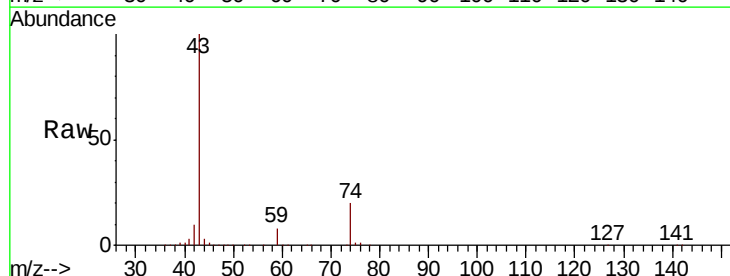
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

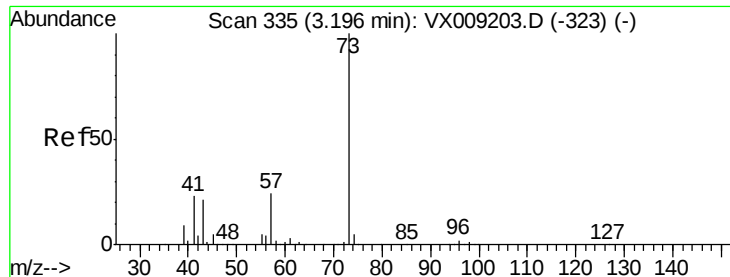
Tot Ion: 76 Resp: 220437
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 49.009 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009770.D
Acq: 22 May 2019 00:44

Tgt Ion: 43 Resp: 132363
Ion Ratio Lower Upper
43 100
74 19.9 16.2 24.4



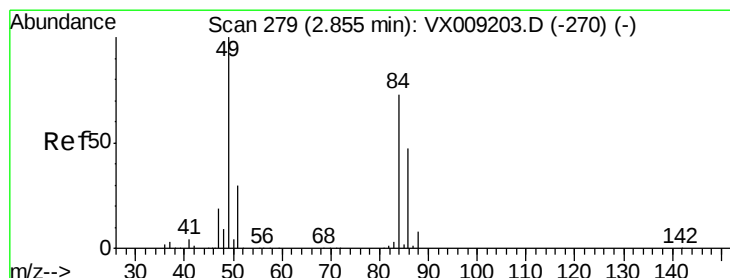
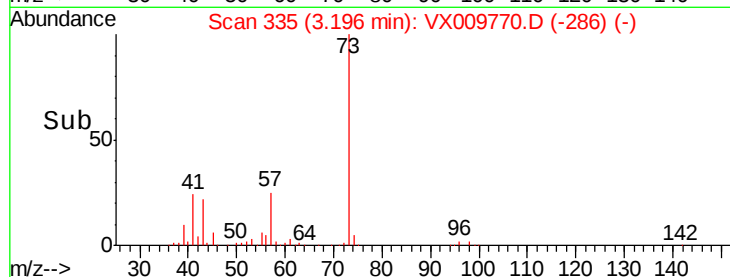
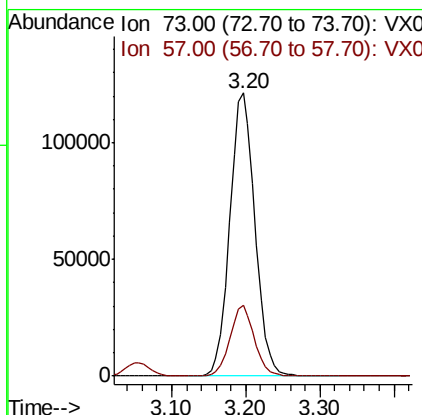
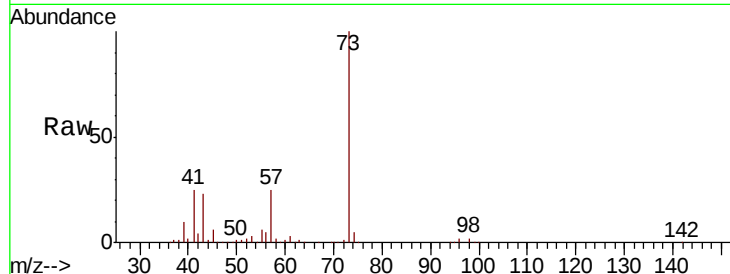


#19

Methyl tert-butyl Ether
 Concen: 50.701 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX009770.D
 Acq: 22 May 2019 00:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

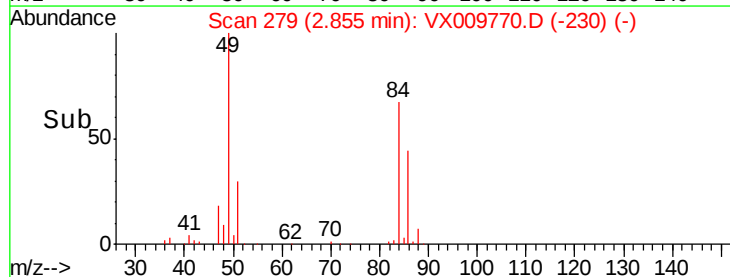
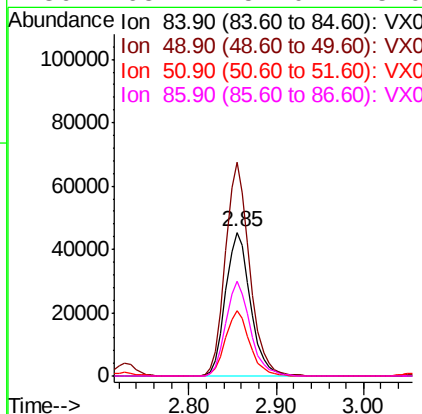
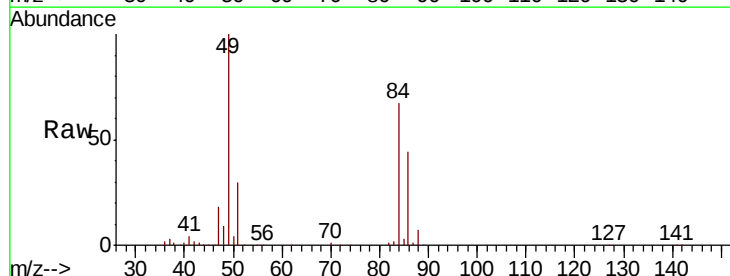
Tot Ion: 73 Resp: 286204
 Ion Ratio Lower Upper
 73 100
 57 24.9 19.3 28.9



#20

Methylene Chloride
 Concen: 48.795 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX009770.D
 Acq: 22 May 2019 00:44

Tgt Ion: 84 Resp: 89723
 Ion Ratio Lower Upper
 84 100
 49 148.2 109.9 164.9
 51 44.8 32.7 49.1
 86 65.7 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 51.610 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009770.D

Acq: 22 May 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

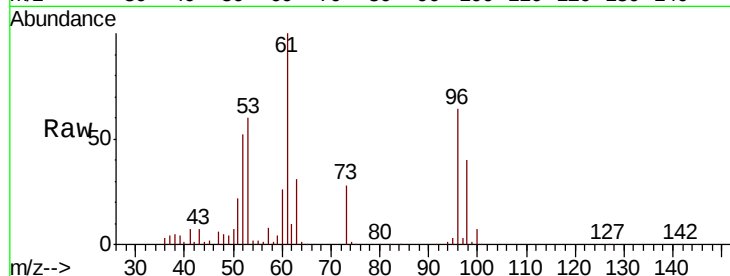
Tot Ion: 96 Resp: 81364

Ion Ratio Lower Upper

96 100

61 156.2 124.5 186.7

98 62.7 50.4 75.6

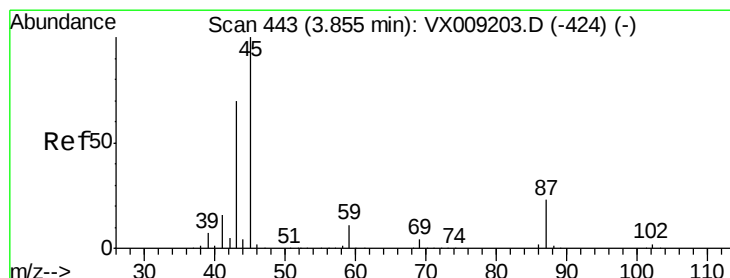
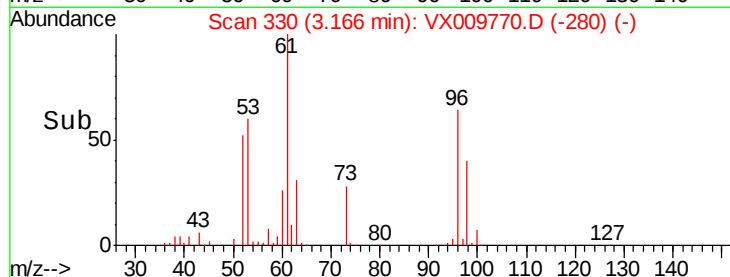
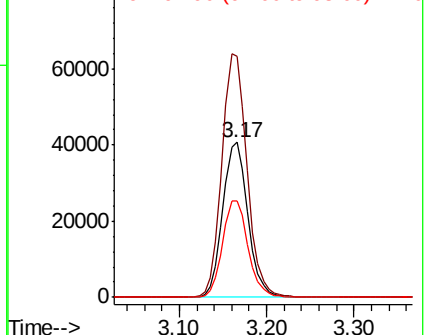


Abundance

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: 51.682 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009770.D

Acq: 22 May 2019 00:44

Tgt Ion: 45 Resp: 352098

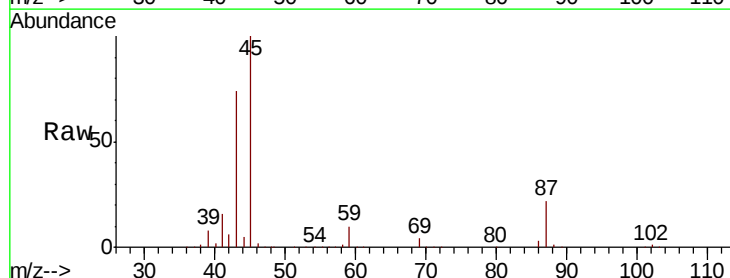
Ion Ratio Lower Upper

45 100

43 73.6 56.1 84.1

87 21.6 18.1 27.1

59 10.1 8.5 12.7



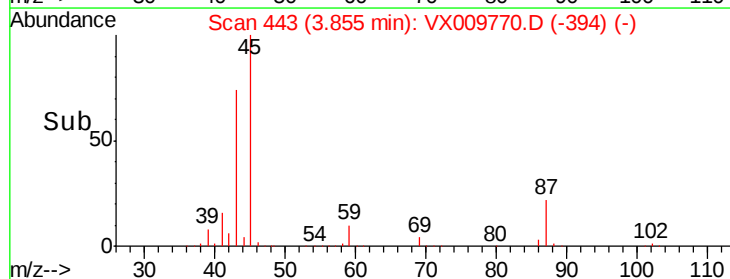
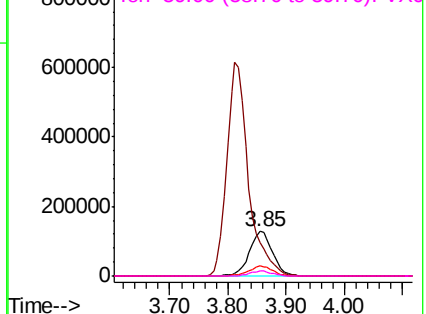
Abundance

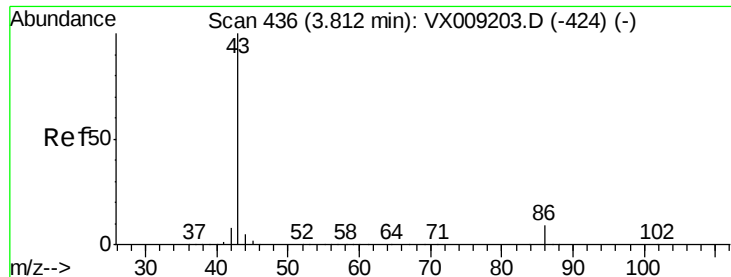
Ion 45.00 (44.70 to 45.70): VX0

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: 271.327 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009770.D

Acq: 22 May 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

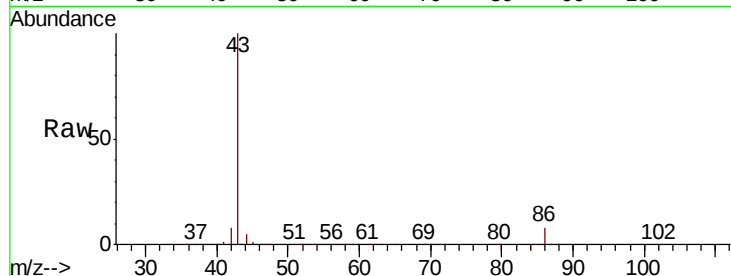
VSTDCCC050

Tot Ion: 43 Resp: 1582901

Ion Ratio Lower Upper

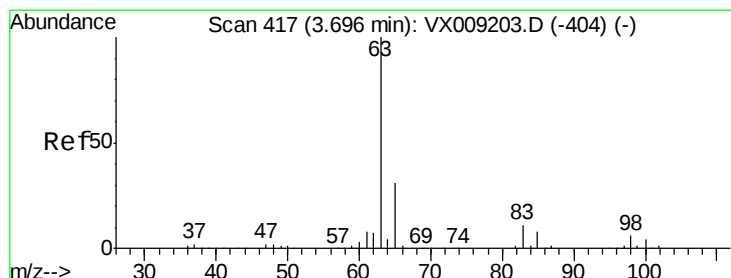
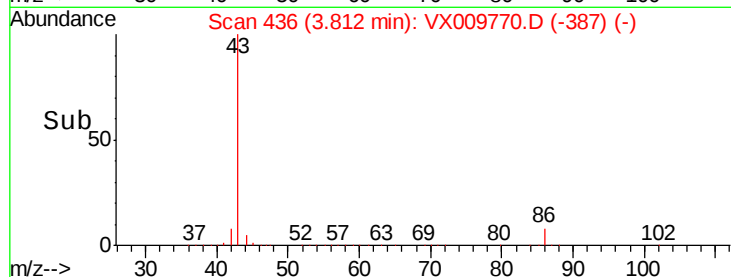
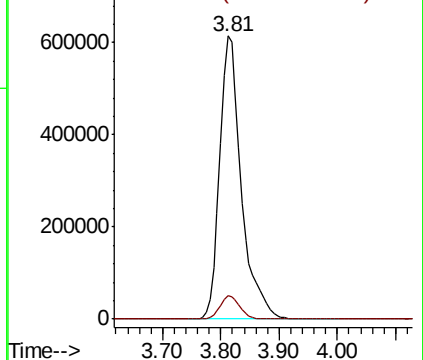
43 100

86 8.3 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.253 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009770.D

Acq: 22 May 2019 00:44

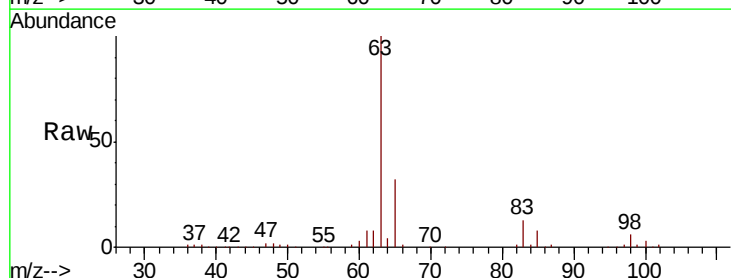
Tgt Ion: 63 Resp: 168892

Ion Ratio Lower Upper

63 100

98 5.9 3.0 9.2

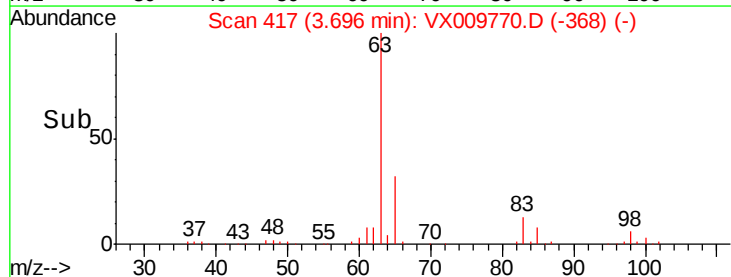
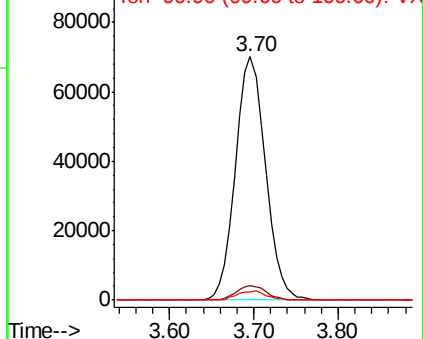
100 3.3 2.0 6.0

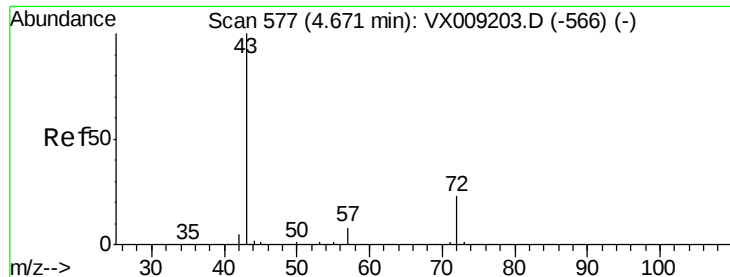


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 262.860 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX009770.D

Acq: 22 May 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

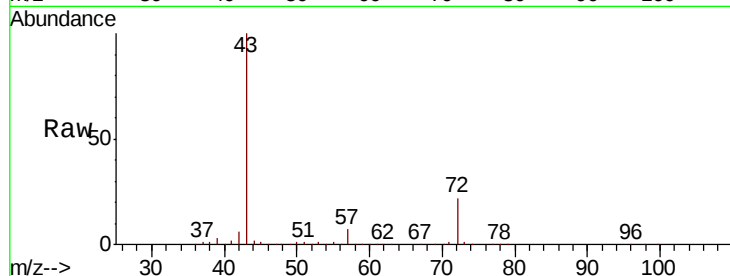
VSTDCCC050

Tot Ion: 43 Resp: 463884

Ion Ratio Lower Upper

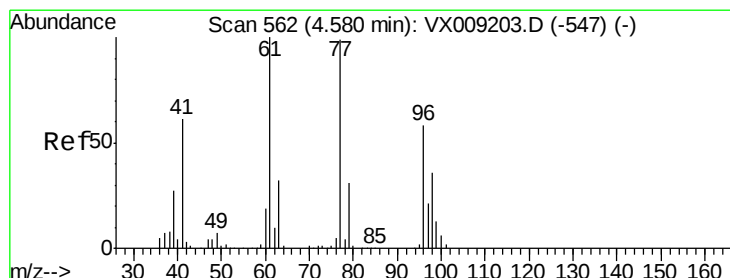
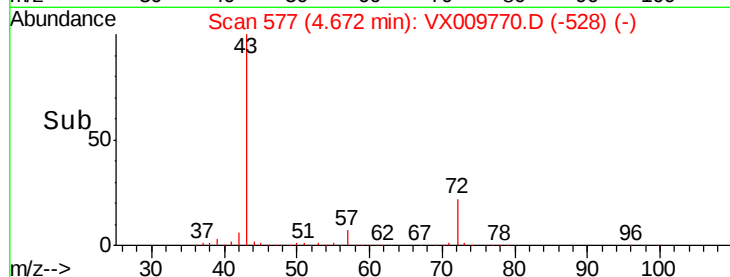
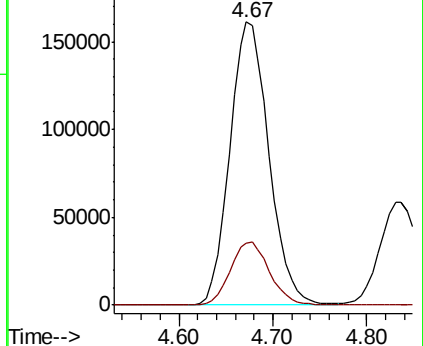
43 100

72 21.6 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 40.076 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX009770.D

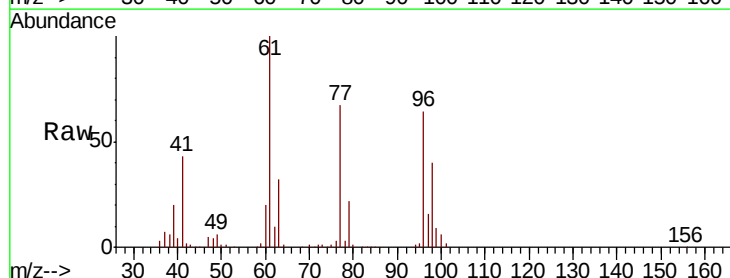
Acq: 22 May 2019 00:44

Tgt Ion: 77 Resp: 100254

Ion Ratio Lower Upper

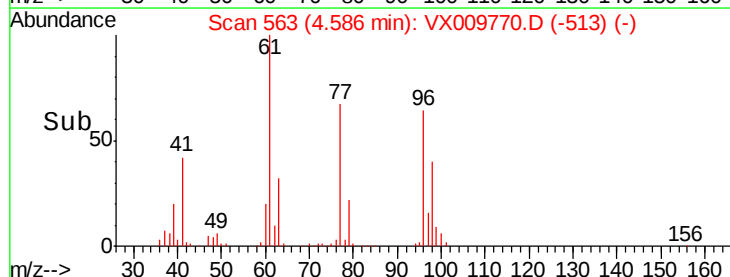
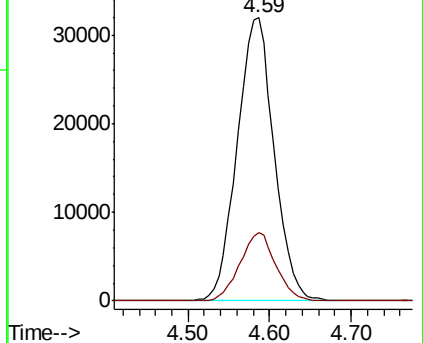
77 100

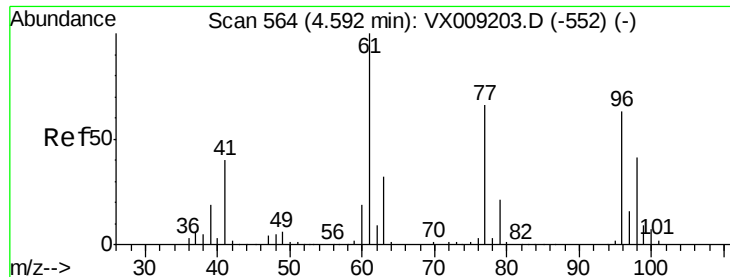
97 23.6 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



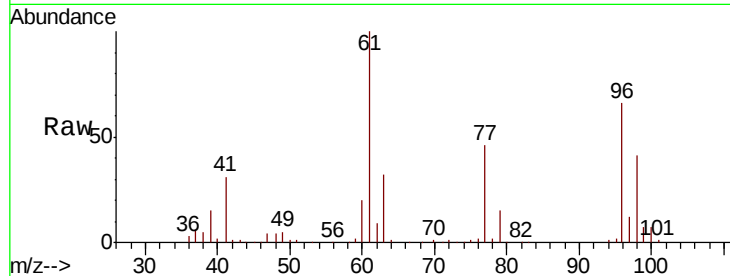


#27

cis-1,2-Dichloroethene
 Concen: 50.126 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX009770.D
 Acq: 22 May 2019 00:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	159.4	0.0	324.0
98	63.5	0.0	130.4

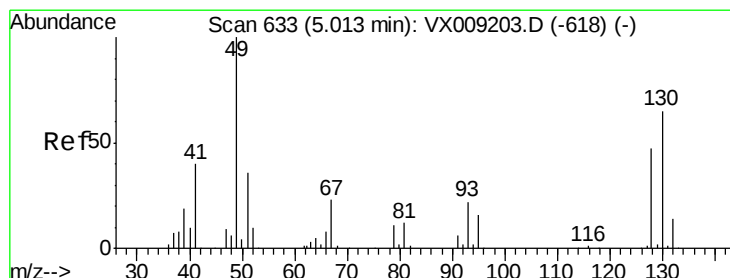
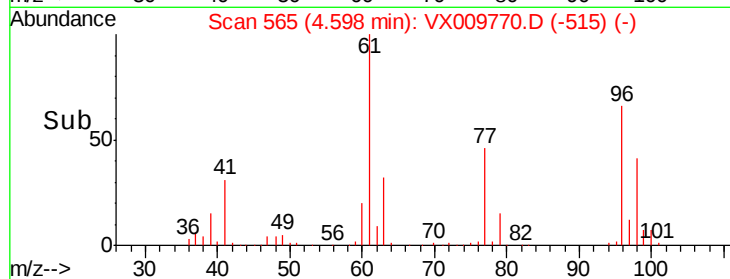
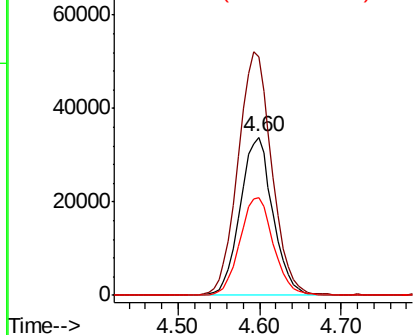


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

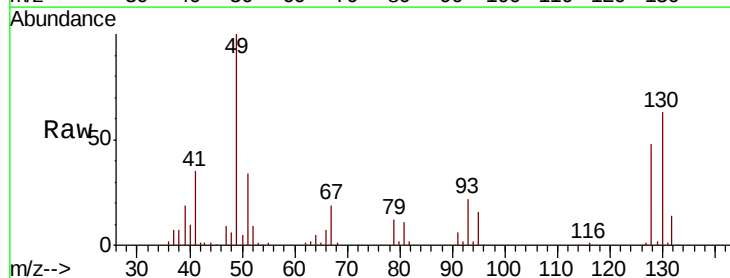
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
 Concen: 65.333 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX009770.D
 Acq: 22 May 2019 00:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	61.7	51.2	76.8

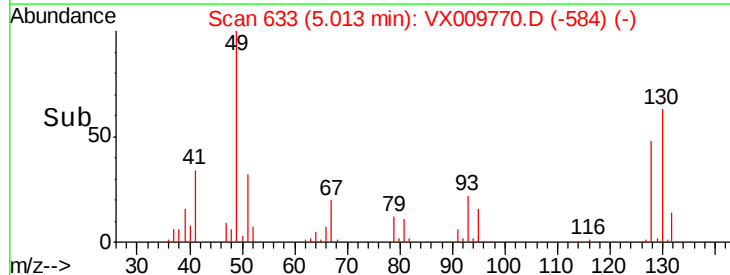
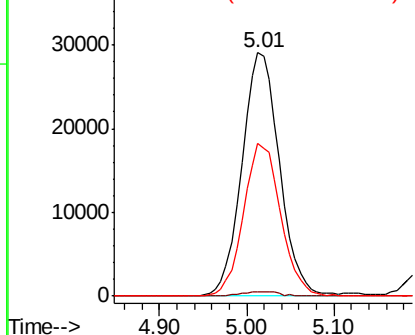


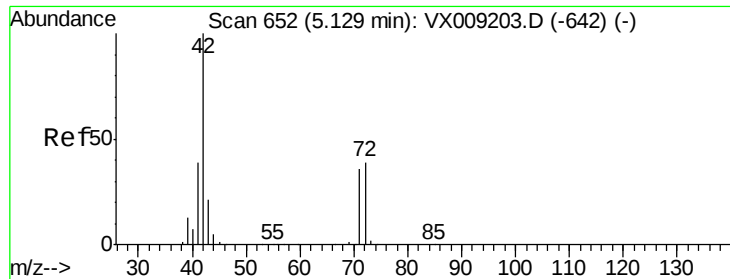
Abundance

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: 272.271 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX009770.D

Acq: 22 May 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

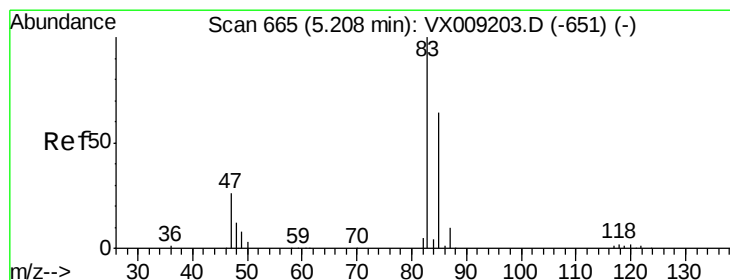
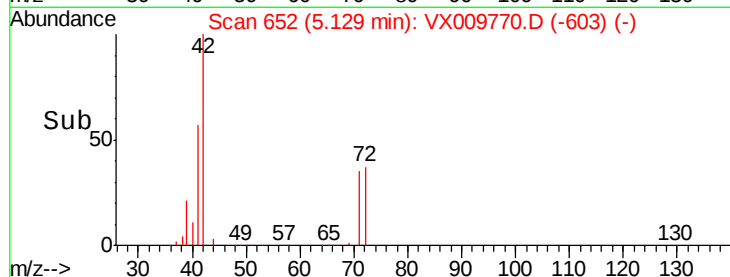
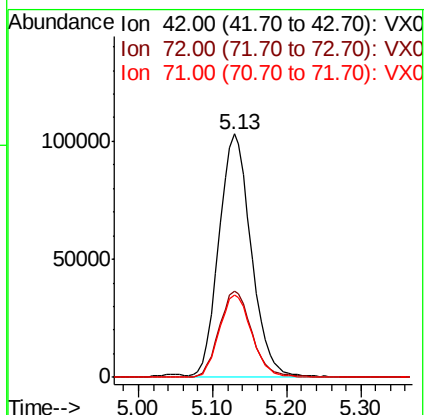
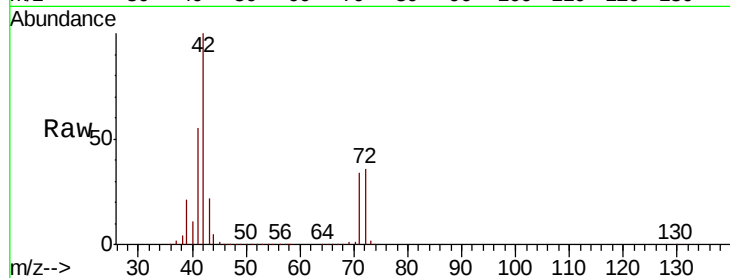
Tot Ion: 42 Resp: 309195

Ion Ratio Lower Upper

42 100

72 36.3 30.4 45.6

71 34.3 28.6 43.0



#30

Chloroform

Concen: 50.649 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX009770.D

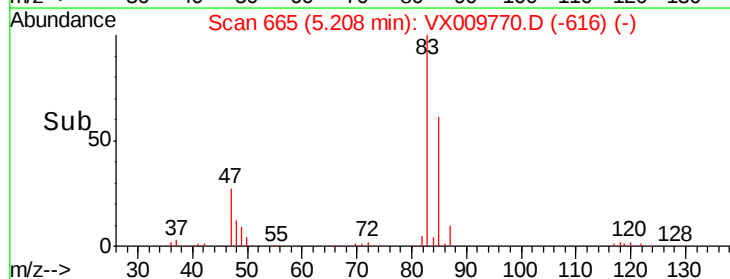
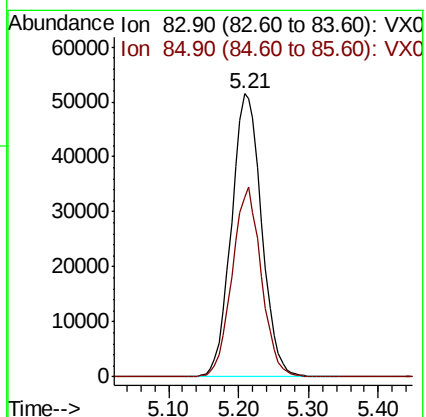
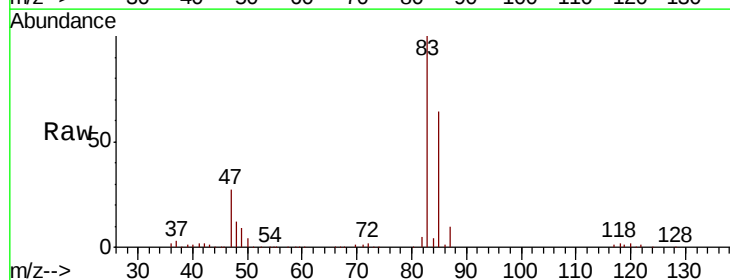
Acq: 22 May 2019 00:44

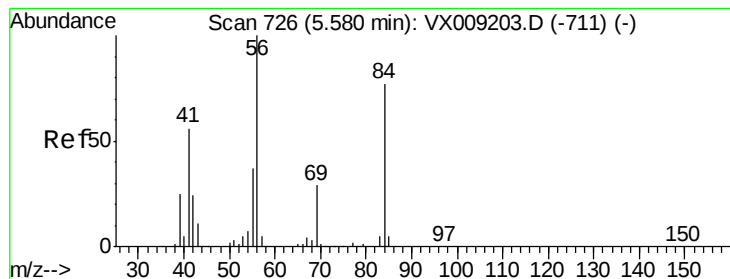
Tgt Ion: 83 Resp: 153956

Ion Ratio Lower Upper

83 100

85 63.5 51.5 77.3





#31

Cyclohexane

Concen: 52.503 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX009770.D

Acq: 22 May 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

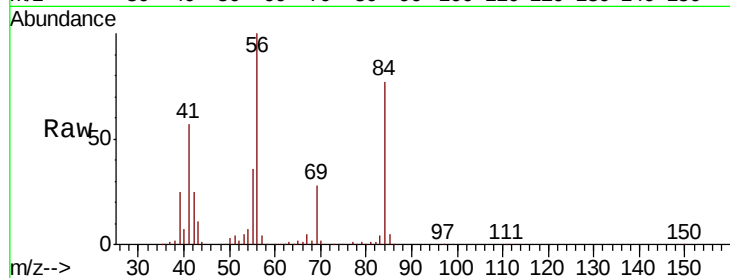
Tot Ion: 56 Resp: 164167

Ion Ratio Lower Upper

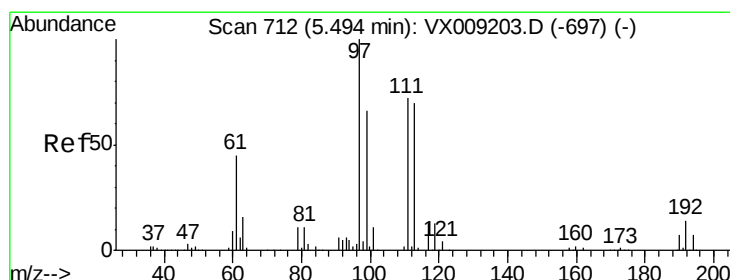
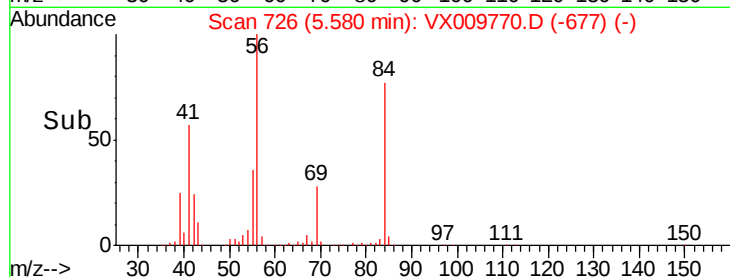
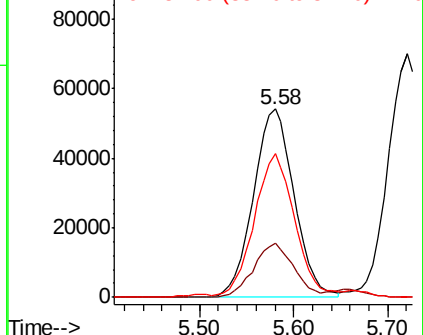
56 100

69 28.5 23.4 35.0

84 75.6 61.9 92.9



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: 50.556 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX009770.D

Acq: 22 May 2019 00:44

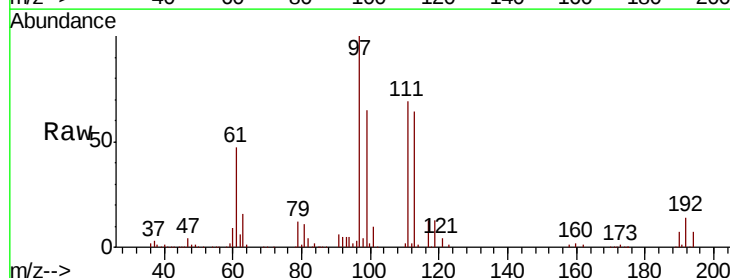
Tgt Ion: 97 Resp: 127927

Ion Ratio Lower Upper

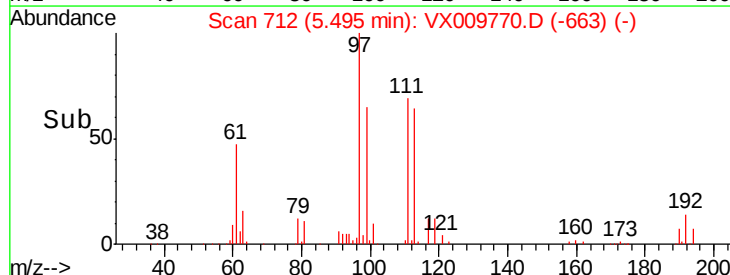
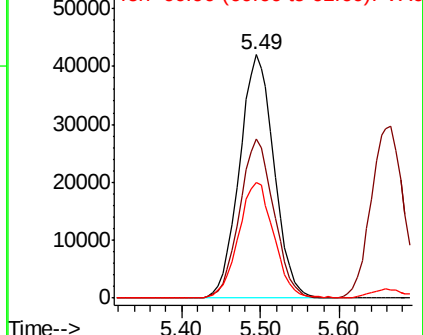
97 100

99 65.0 51.8 77.8

61 48.5 37.8 56.8



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





#33

1,2-Dichloroethane-d4

Concen: 51.950 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009770.D

Acq: 22 May 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

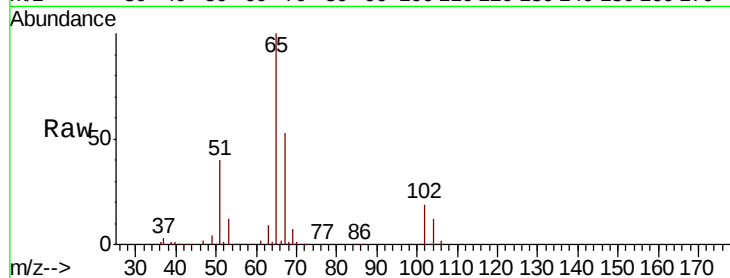
VSTDCCC050

Tot Ion: 65 Resp: 109871

Ion Ratio Lower Upper

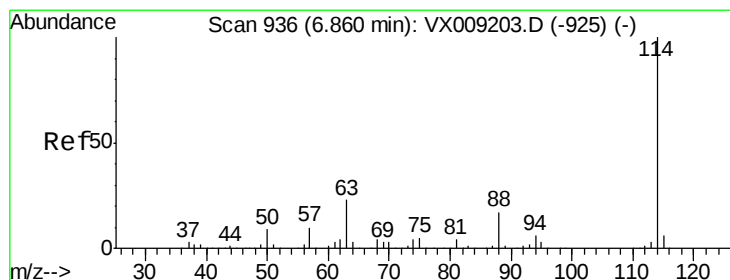
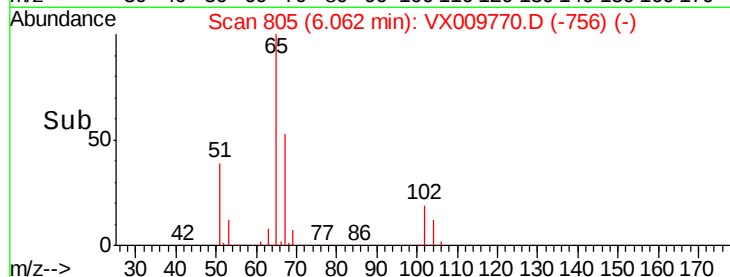
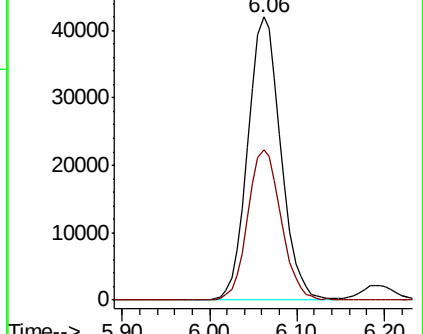
65 100

67 53.8 0.0 106.6



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: VX009770.D

Acq: 22 May 2019 00:44

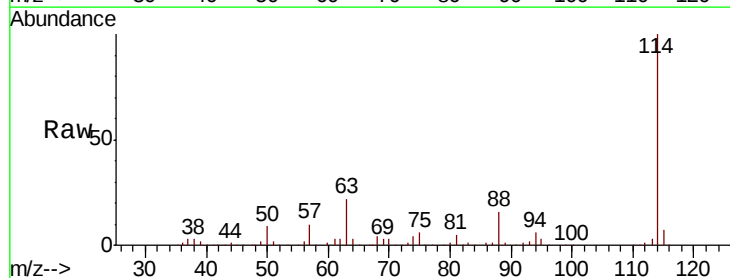
Tgt Ion: 114 Resp: 255301

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.6

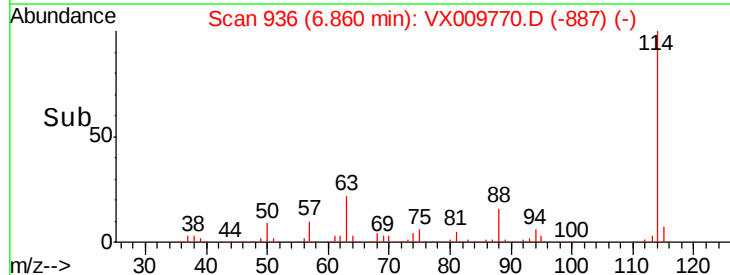
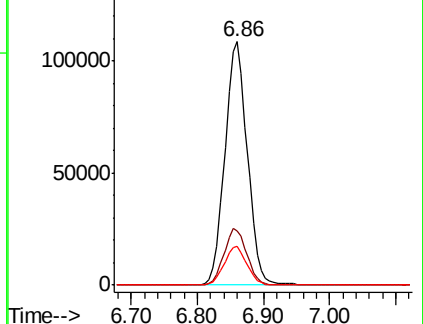
88 16.2 0.0 33.2

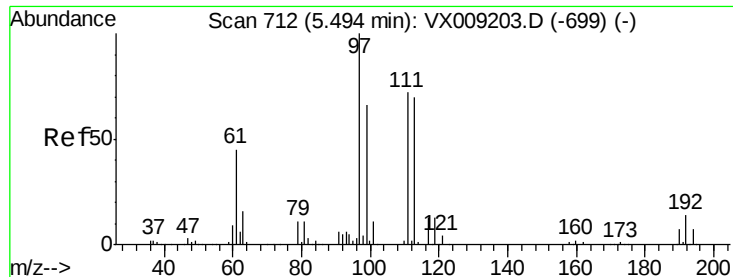


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.594 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009770.D

Acq: 22 May 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

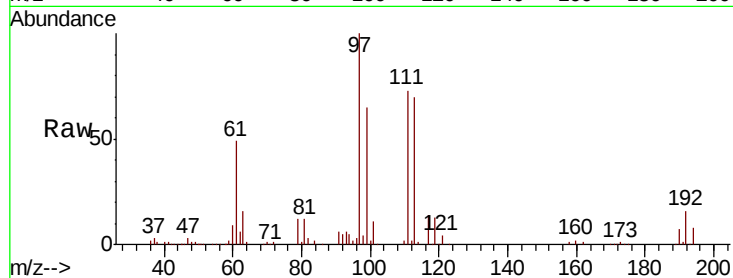
Tot Ion:113 Resp: 79594

Ion Ratio Lower Upper

113 100

111 103.1 82.8 124.2

192 21.8 17.0 25.6

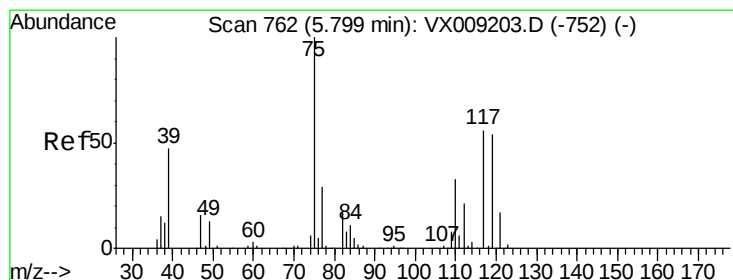
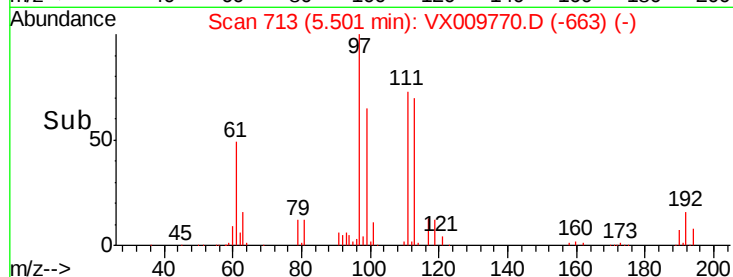
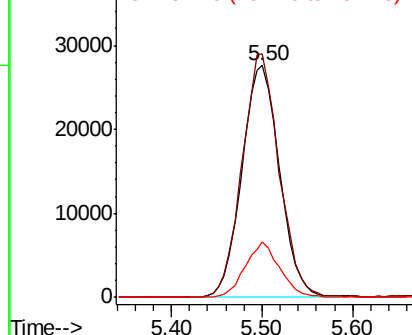


Abundance

Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.615 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX009770.D

Acq: 22 May 2019 00:44

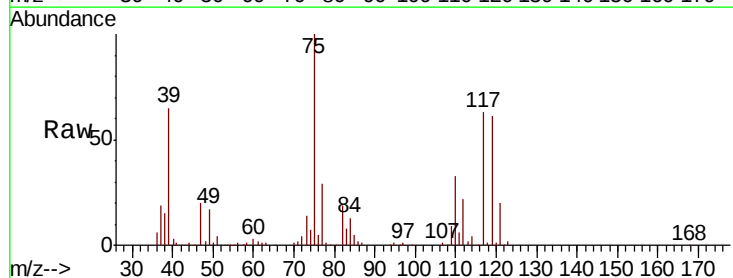
Tgt Ion: 75 Resp: 117714

Ion Ratio Lower Upper

75 100

110 33.9 16.9 50.6

77 31.6 24.8 37.2

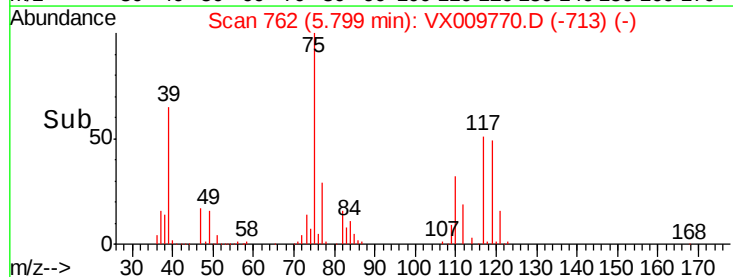
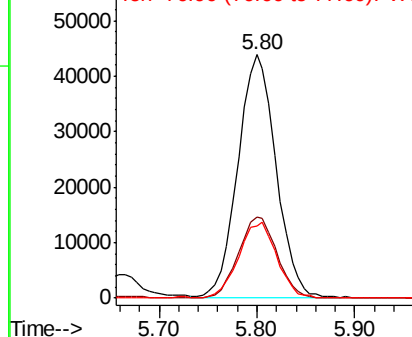


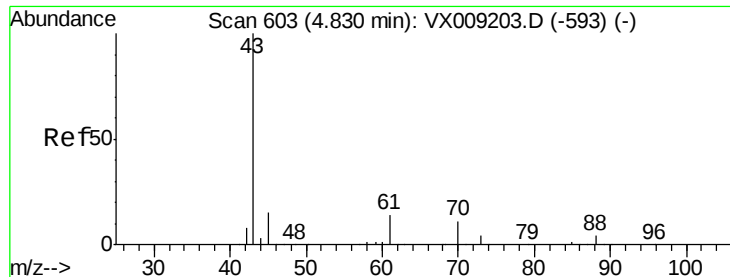
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 52.774 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX009770.D

Acq: 22 May 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

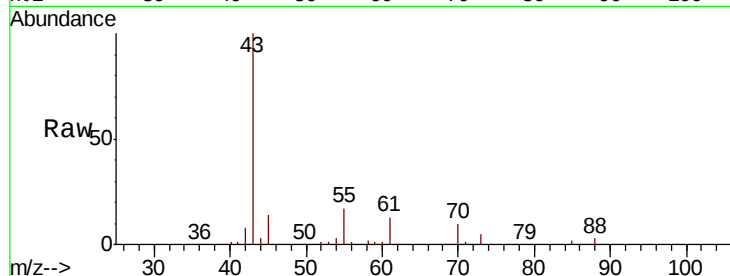
Tot Ion: 43 Resp: 174452

Ion Ratio Lower Upper

43 100

61 13.1 10.5 15.7

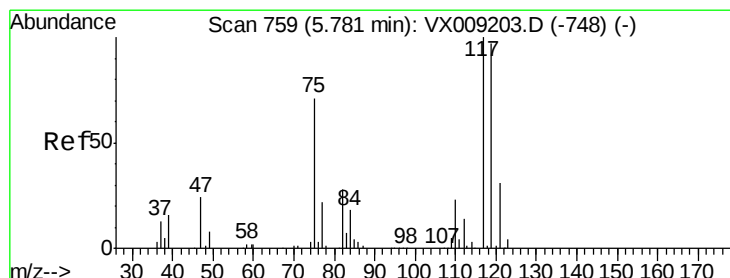
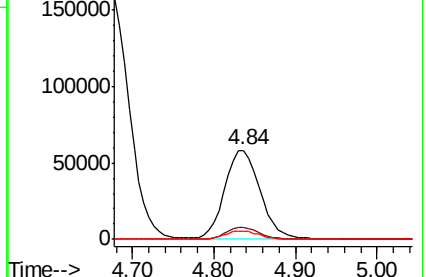
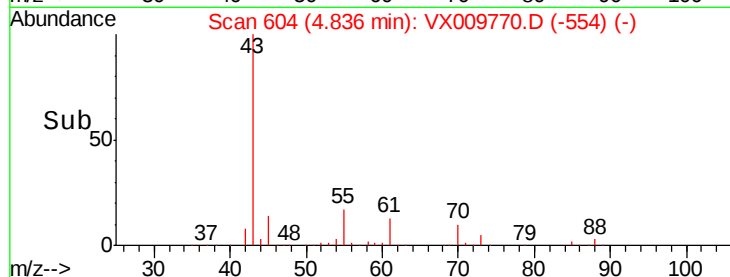
70 9.4 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX009770.D (-554) (-)

Ion 60.90 (60.60 to 61.60): VX009770.D (-554) (-)

Ion 70.00 (69.70 to 70.70): VX009770.D (-554) (-)



#38

Carbon Tetrachloride

Concen: 50.514 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX009770.D

Acq: 22 May 2019 00:44

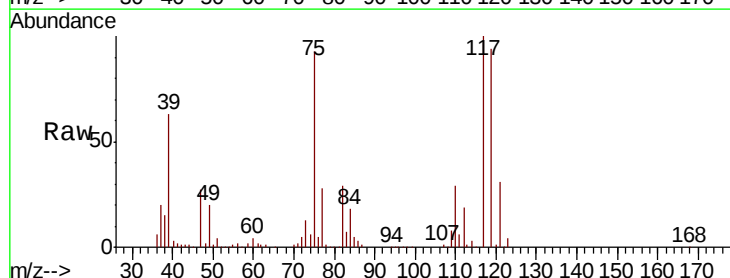
Tgt Ion: 117 Resp: 108889

Ion Ratio Lower Upper

117 100

119 93.7 77.5 116.3

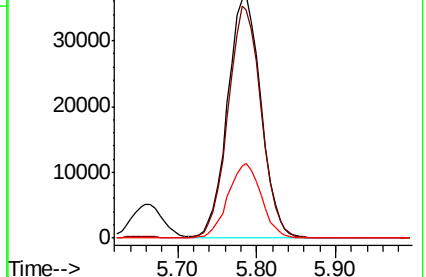
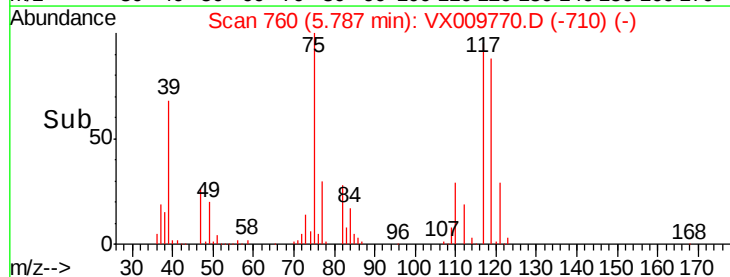
121 30.6 24.7 37.1

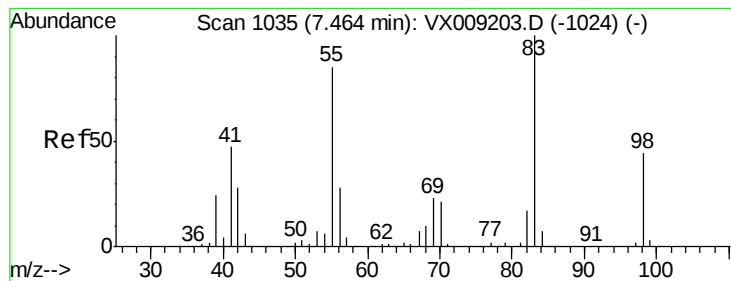


Abundance Ion 116.80 (116.50 to 117.50): VX009770.D (-710) (-)

Ion 118.80 (118.50 to 119.50): VX009770.D (-710) (-)

Ion 120.80 (120.50 to 121.50): VX009770.D (-710) (-)





#39

Methvlcvclohexane

Concen: 49.361 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX009770.D

Acq: 22 May 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

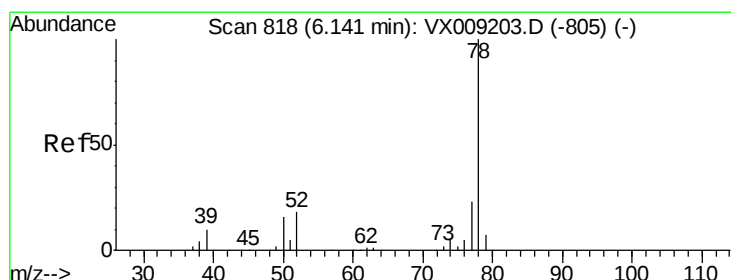
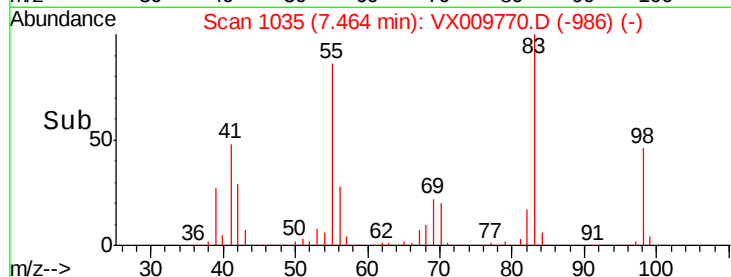
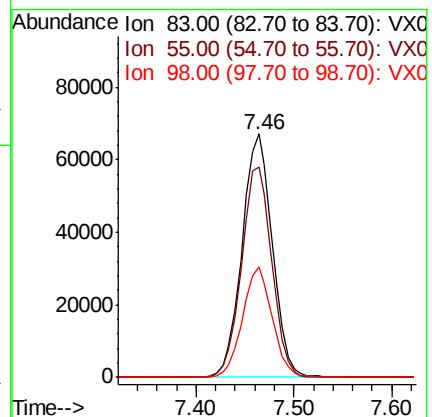
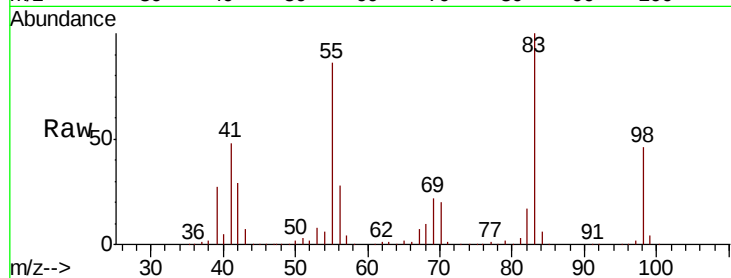
Tot Ion: 83 Resp: 143824

Ion Ratio Lower Upper

83 100

55 86.3 67.7 101.5

98 45.6 35.5 53.3



#40

Benzene

Concen: 49.889 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX009770.D

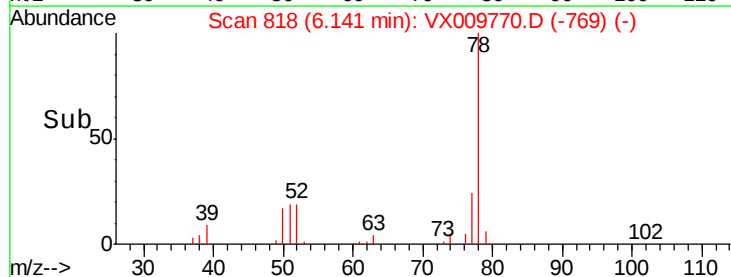
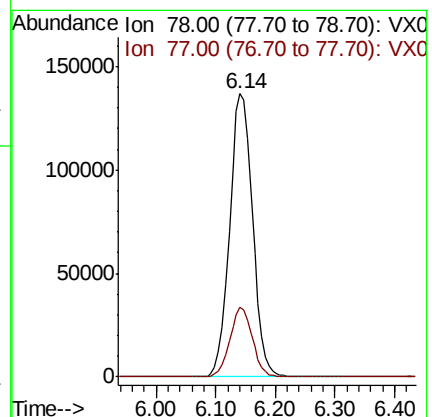
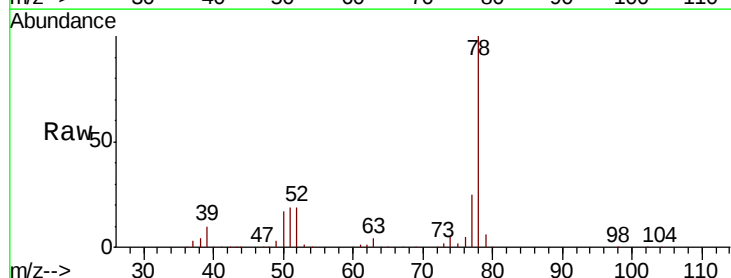
Acq: 22 May 2019 00:44

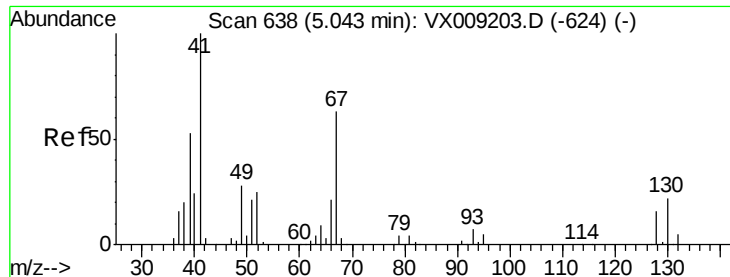
Tgt Ion: 78 Resp: 366313

Ion Ratio Lower Upper

78 100

77 24.6 18.8 28.2





#41

Methacrylonitrile

Concen: 50.473 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX009770.D

Acq: 22 May 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 99319

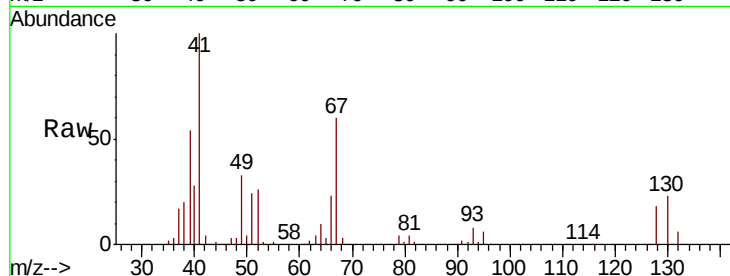
Ion Ratio Lower Upper

41 100

39 53.1 42.0 63.0

67 60.3 49.8 74.8

52 26.4 20.3 30.5

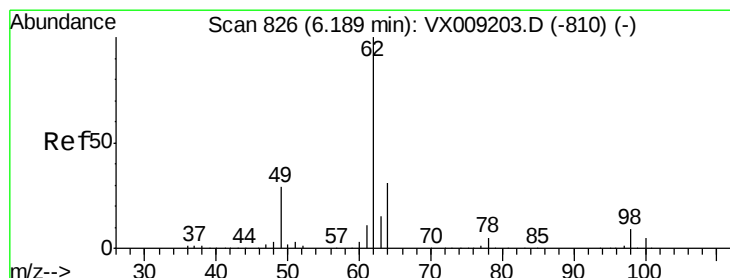
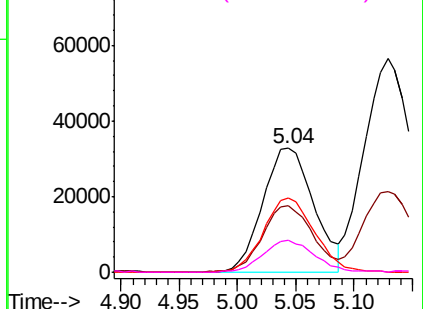
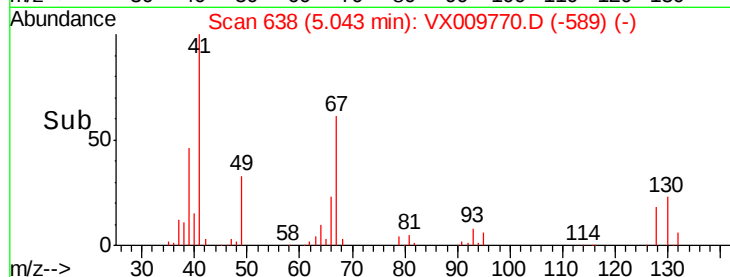


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 50.632 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX009770.D

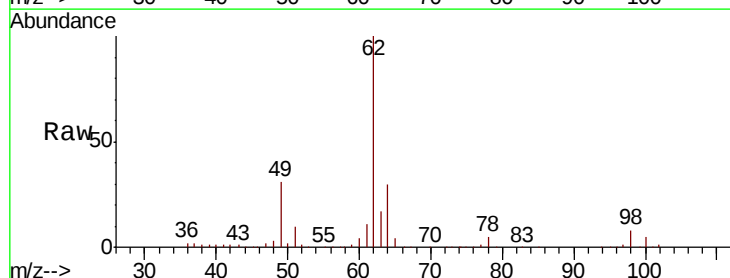
Acq: 22 May 2019 00:44

Tgt Ion: 62 Resp: 133360

Ion Ratio Lower Upper

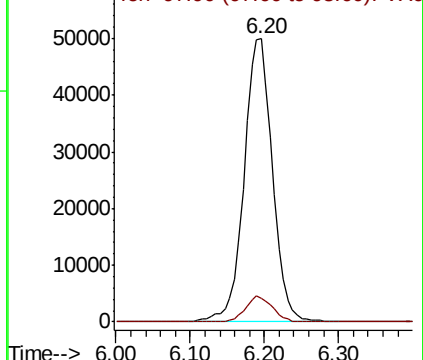
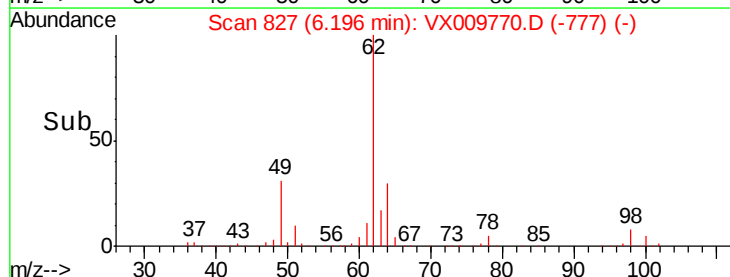
62 100

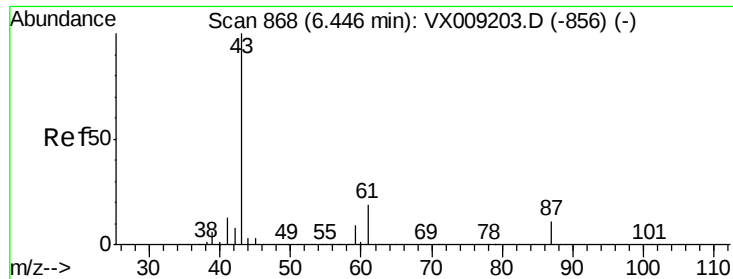
98 8.6 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.293 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX009770.D

Acq: 22 May 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

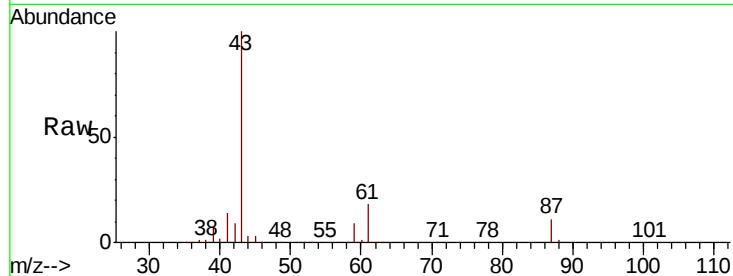
Tot Ion: 43 Resp: 276505

Ion Ratio Lower Upper

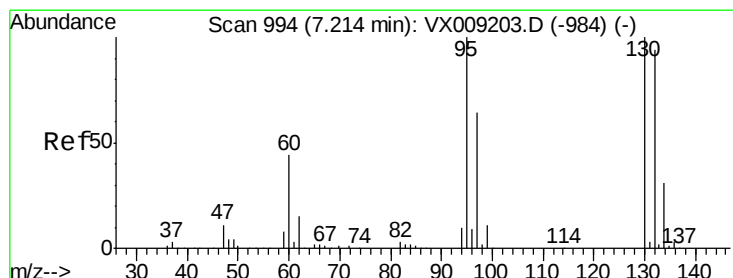
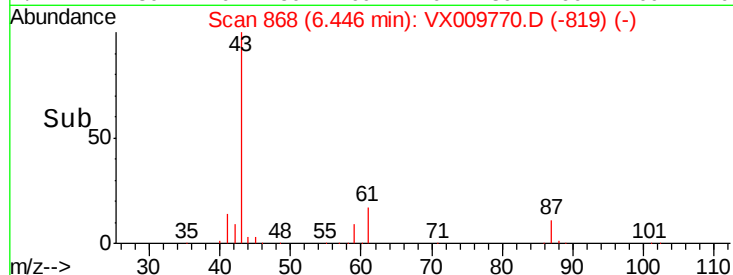
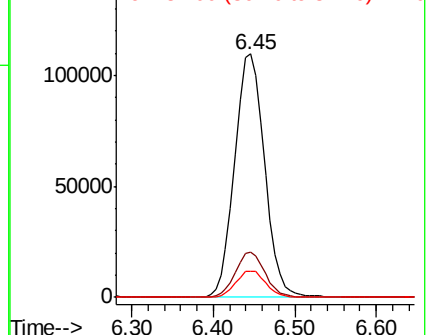
43 100

61 18.5 15.1 22.7

87 11.0 9.0 13.6



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



#44

Trichloroethene

Concen: 48.189 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009770.D

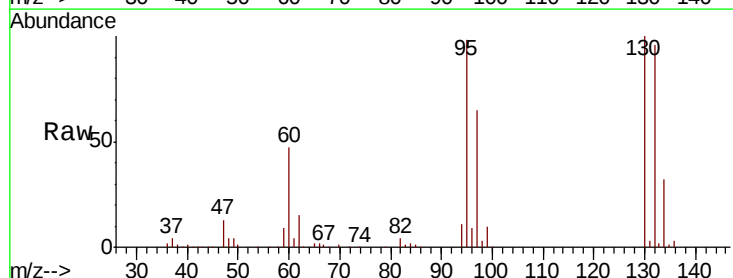
Acq: 22 May 2019 00:44

Tgt Ion:130 Resp: 85540

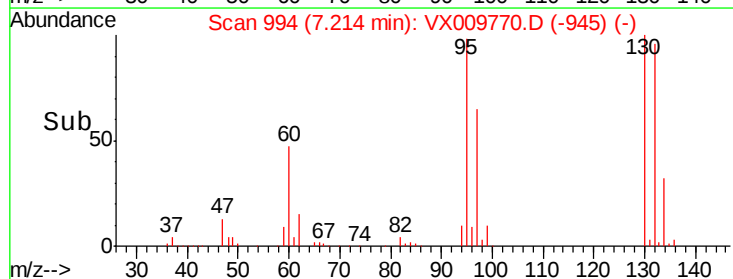
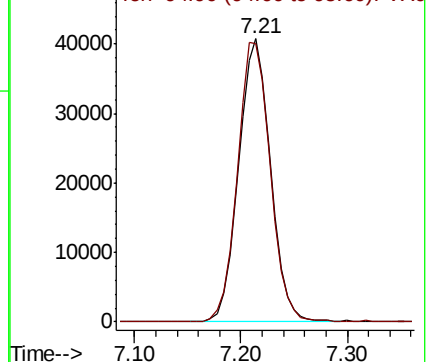
Ion Ratio Lower Upper

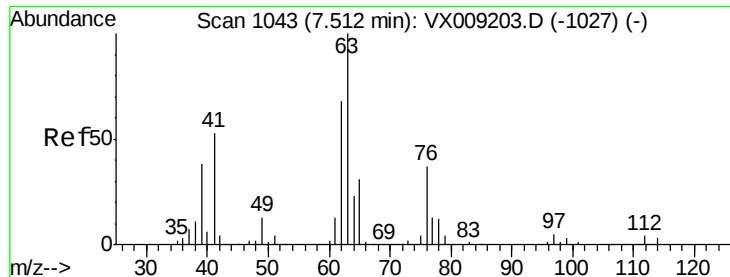
130 100

95 98.3 0.0 199.2



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

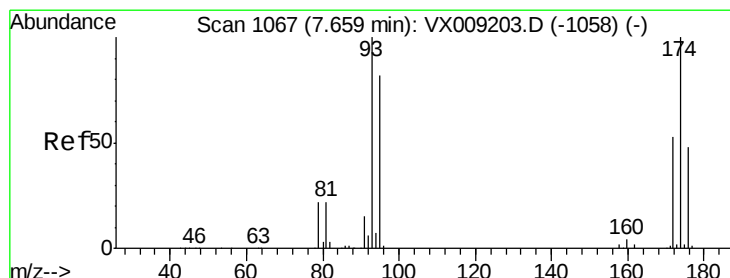
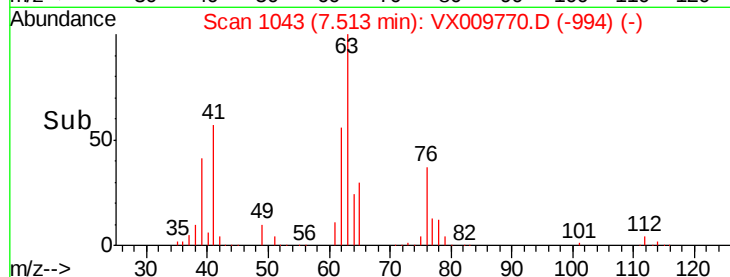
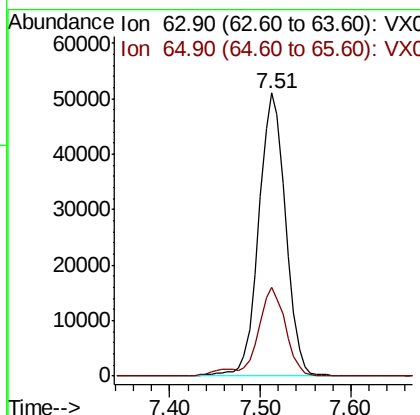
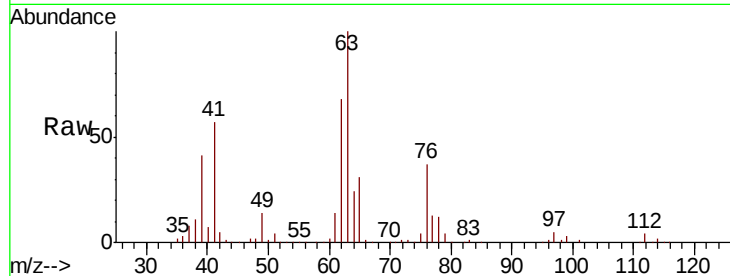




#45
 1,2-Dichloropropane
 Concen: 50.449 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX009770.D
 Acq: 22 May 2019 00:44

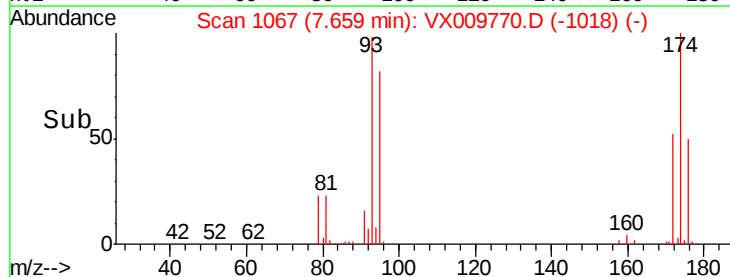
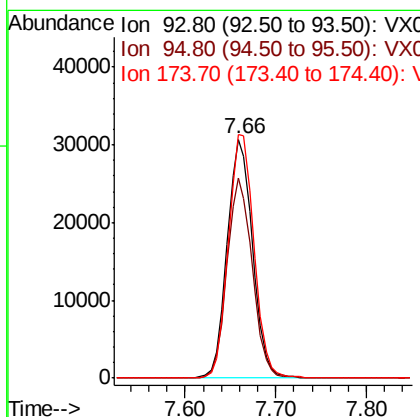
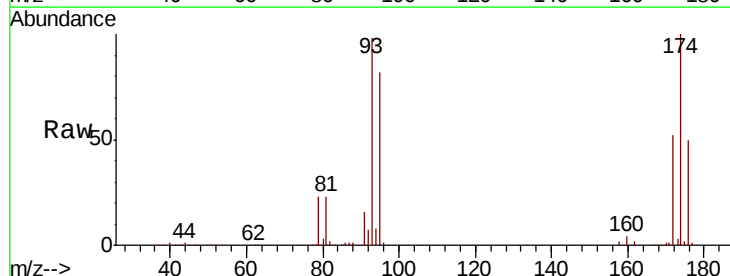
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

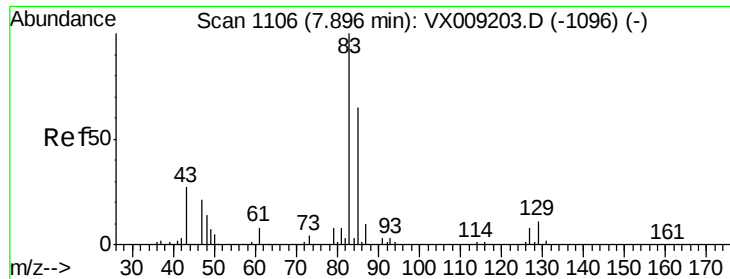
Tot Ion: 63 Resp: 104891
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.0 37.6



#46
 Dibromomethane
 Concen: 49.287 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX009770.D
 Acq: 22 May 2019 00:44

Tgt Ion: 93 Resp: 59508
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.5 99.7
 174 103.2 82.1 123.1





#47

Bromodichloromethane

Concen: 50.202 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009770.D

Acq: 22 May 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

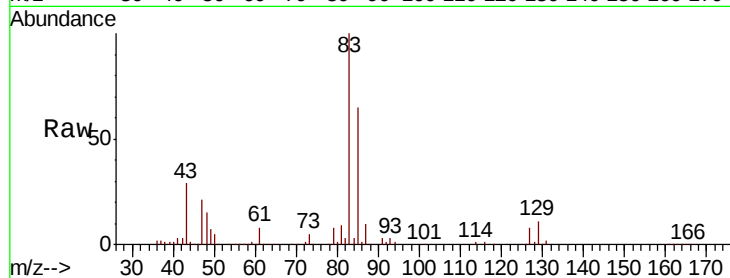
Tot Ion: 83 Resp: 120905

Ion Ratio Lower Upper

83 100

85 64.8 52.4 78.6

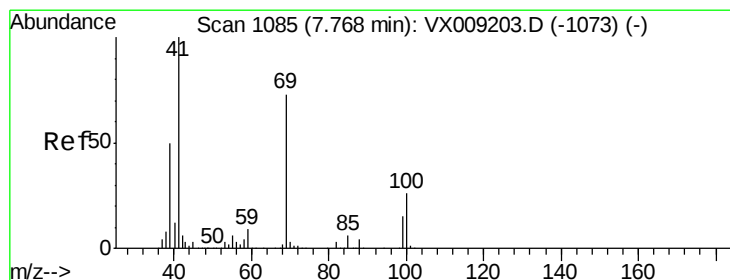
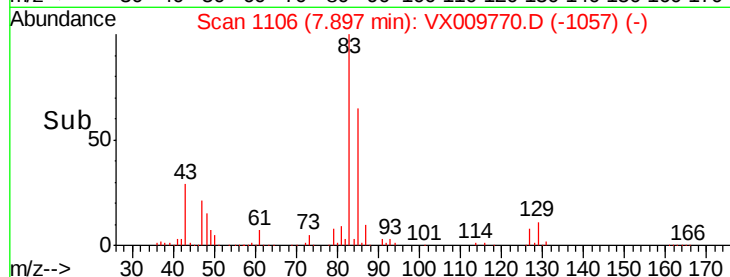
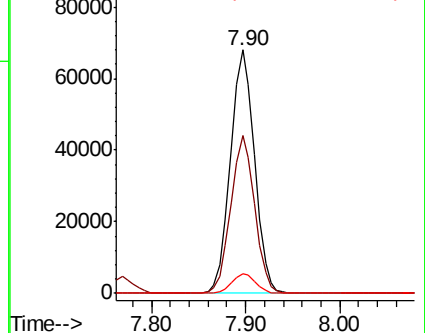
127 7.8 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.280 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009770.D

Acq: 22 May 2019 00:44

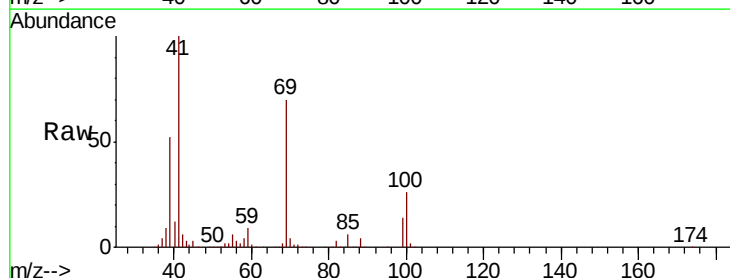
Tgt Ion: 41 Resp: 139768

Ion Ratio Lower Upper

41 100

69 70.5 59.1 88.7

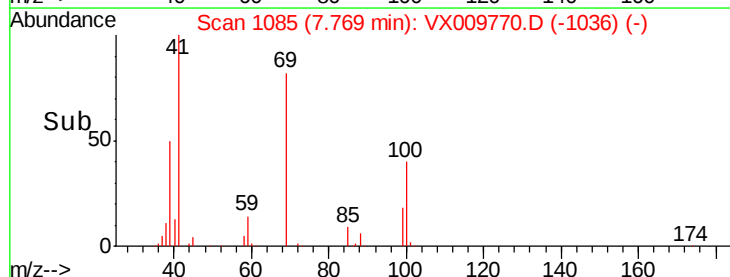
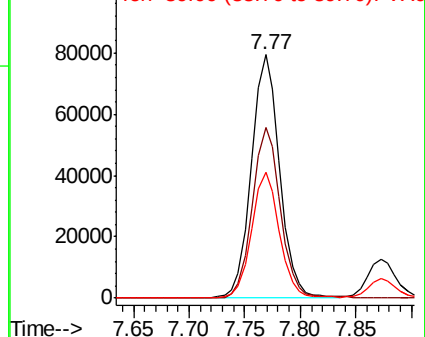
39 51.1 40.4 60.6

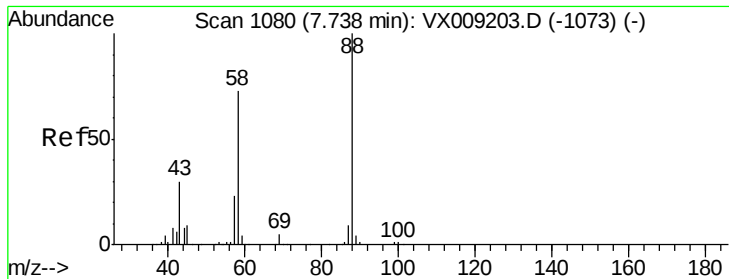


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

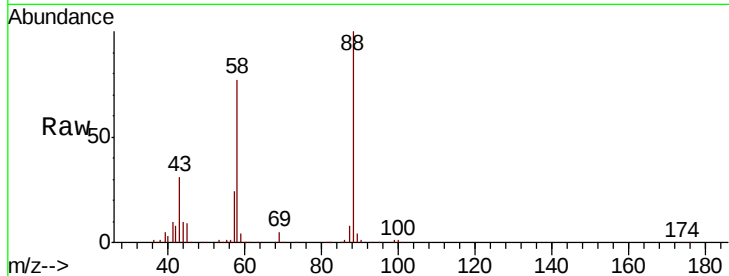




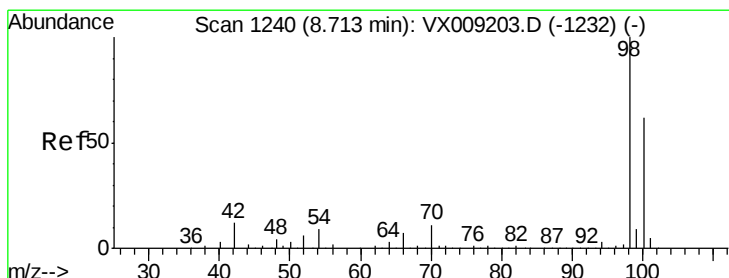
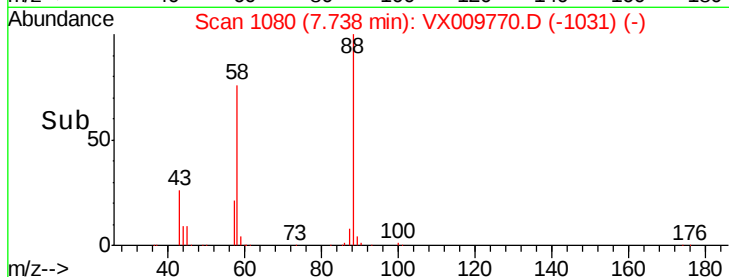
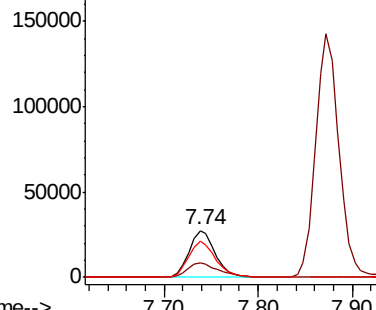
#49
1,4-Dioxane
Concen: 990.919 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX009770.D
Acq: 22 May 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 52717
Ion Ratio Lower Upper
88 100
43 37.5 28.6 42.8
58 79.3 61.7 92.5

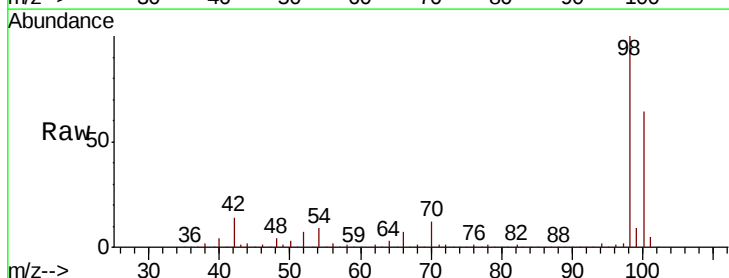


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

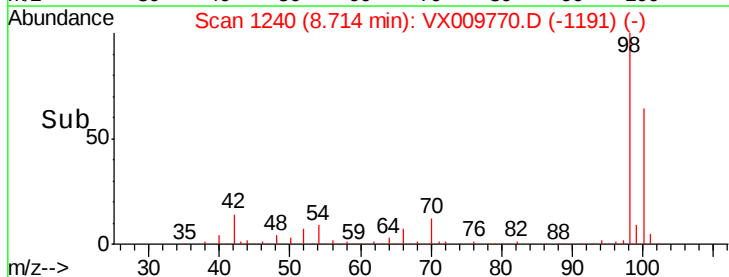
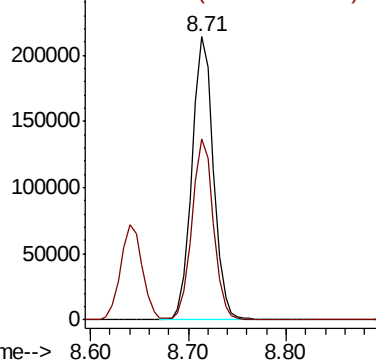


#50
Toluene-d8
Concen: 50.519 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009770.D
Acq: 22 May 2019 00:44

Tgt Ion: 98 Resp: 327334
Ion Ratio Lower Upper
98 100
100 64.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 270.822 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009770.D

Acq: 22 May 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

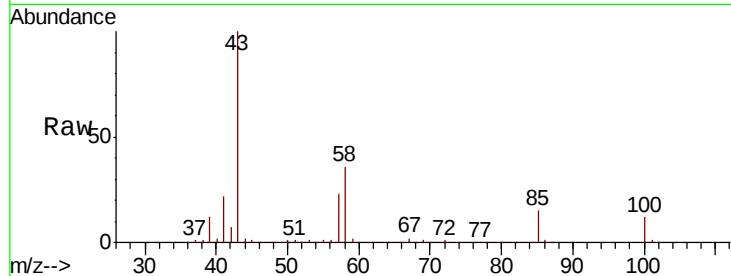
VSTDCCC050

Tot Ion: 43 Resp: 935982

Ion Ratio Lower Upper

43 100

58 36.0 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

600000

400000

200000

0

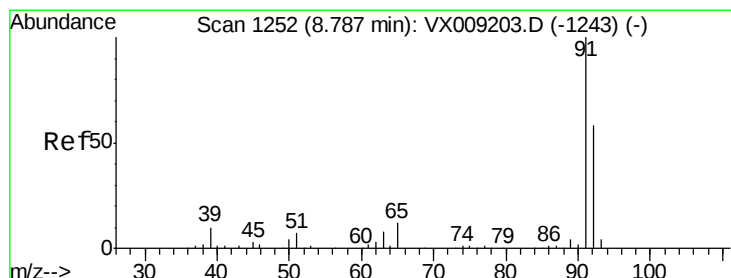
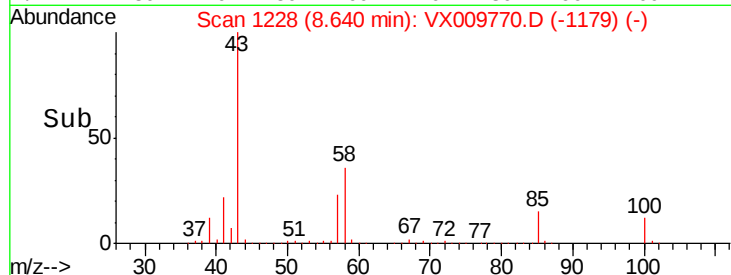
Time-->

8.50

8.60

8.70

8.80



#52

Toluene

Concen: 49.956 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009770.D

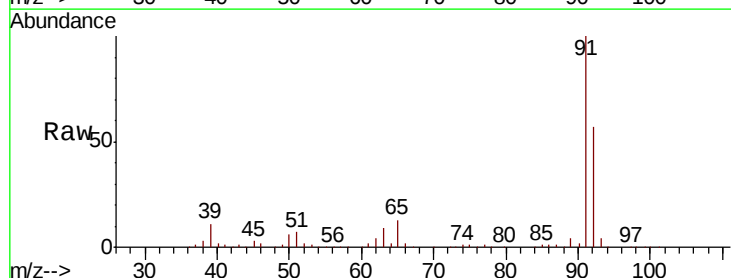
Acq: 22 May 2019 00:44

Tgt Ion: 92 Resp: 222974

Ion Ratio Lower Upper

92 100

91 173.6 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

250000

200000

150000

100000

50000

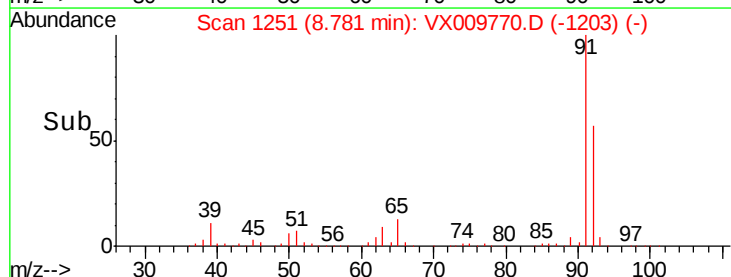
0

Time-->

8.70

8.80

8.90





#53

t-1,3-Dichloropropene

Concen: 50.589 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX009770.D

Acq: 22 May 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

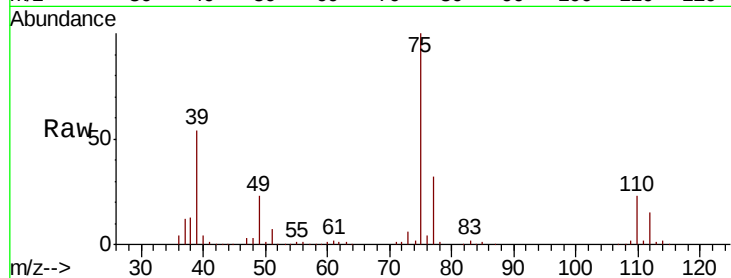
VSTDCCC050

Tot Ion: 75 Resp: 137557

Ion Ratio Lower Upper

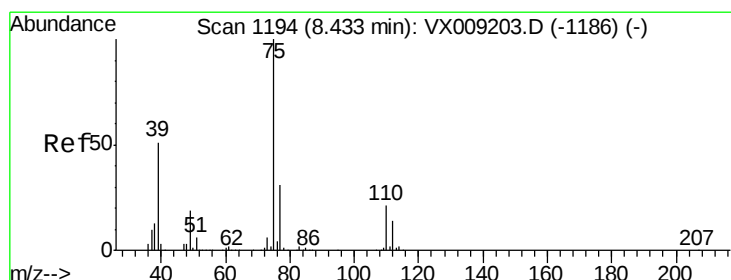
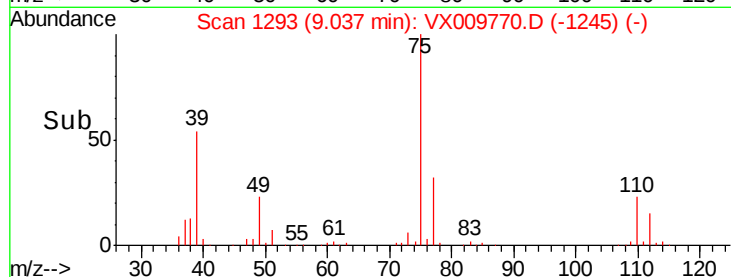
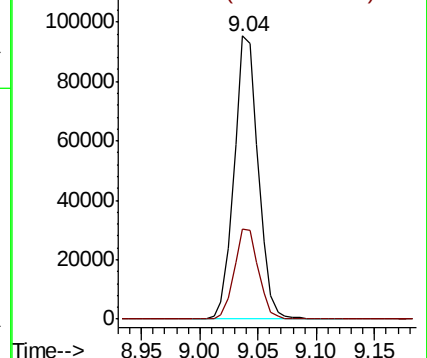
75 100

77 31.8 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 49.932 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX009770.D

Acq: 22 May 2019 00:44

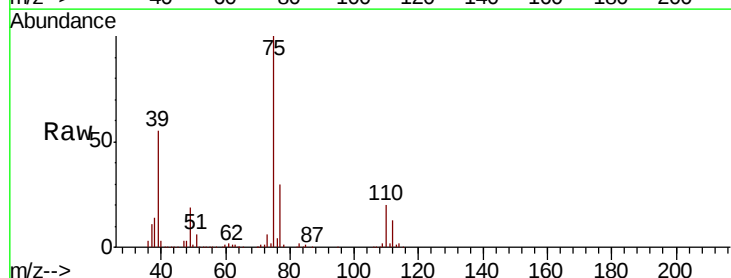
Tgt Ion: 75 Resp: 150277

Ion Ratio Lower Upper

75 100

77 30.2 24.6 36.8

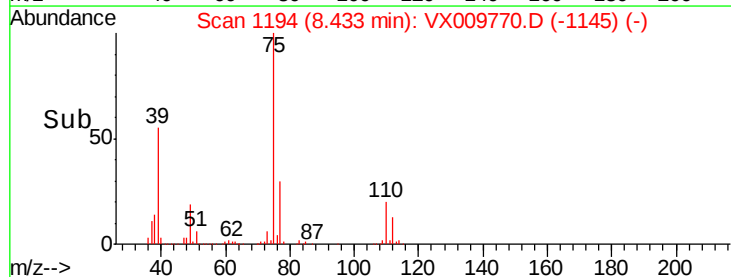
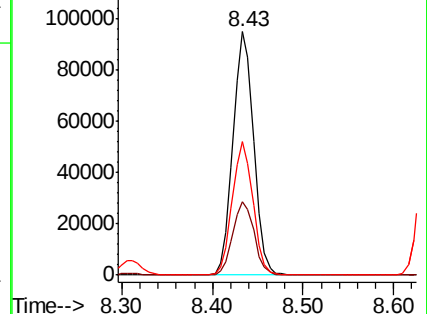
39 54.9 40.6 60.8

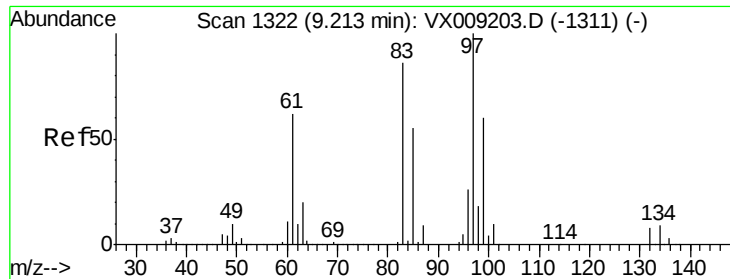


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

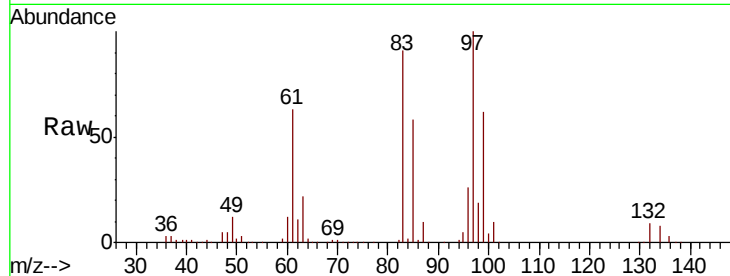




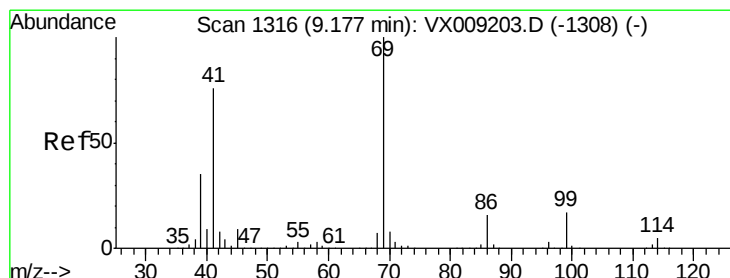
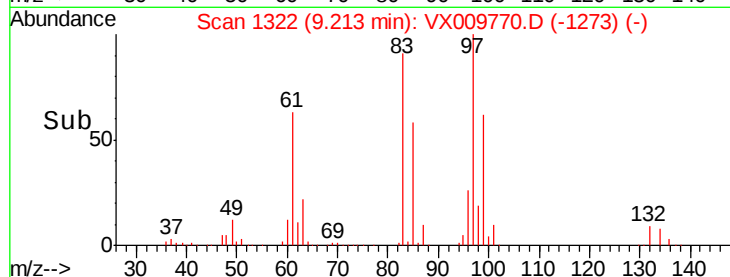
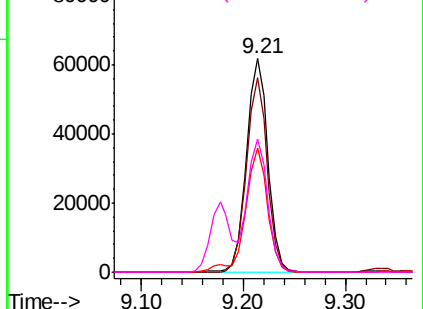
#55
 1,1,2-Trichloroethane
 Concen: 49.808 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009770.D
 Acq: 22 May 2019 00:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	90698
Ion	Ratio	Lower	Upper
97	100		
83	91.1	68.9	103.3
85	58.0	43.8	65.6
99	62.2	48.2	72.2

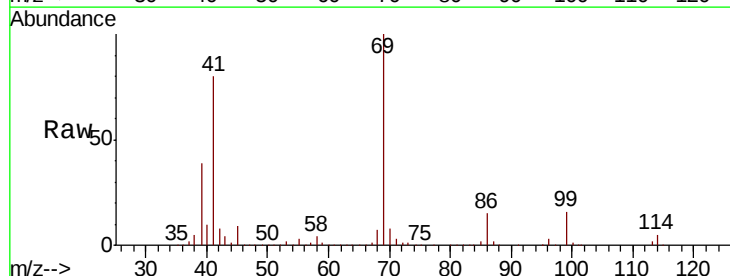


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

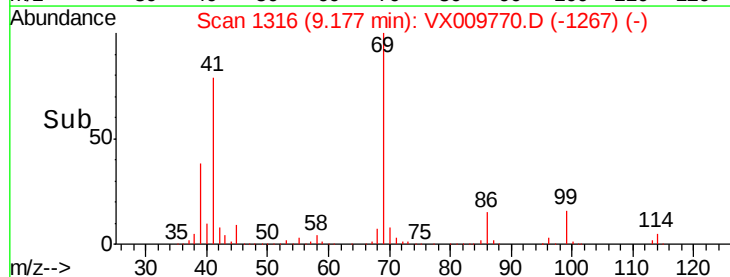
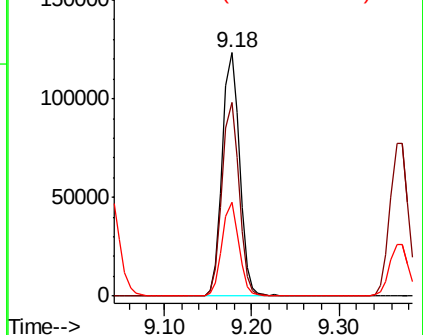


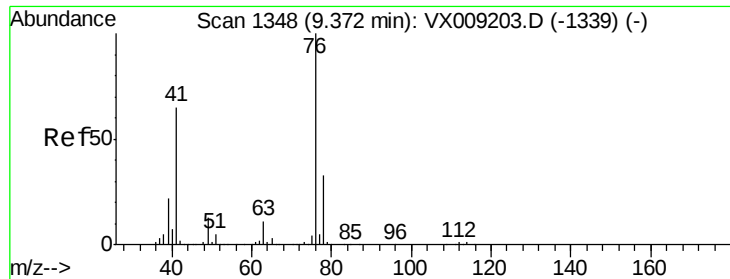
#56
 Ethyl methacrylate
 Concen: 52.149 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009770.D
 Acq: 22 May 2019 00:44

Tgt Ion:	69	Resp:	169509
Ion	Ratio	Lower	Upper
69	100		
41	79.0	60.6	90.8
39	37.4	28.2	42.4



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





#57

1,3-Dichloropropane

Concen: 50.190 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX009770.D

Acq: 22 May 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

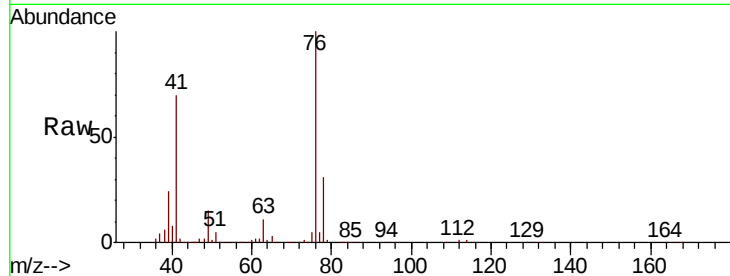
VSTDCCC050

Tot Ion: 76 Resp: 160829

Ion Ratio Lower Upper

76 100

78 31.6 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

120000

100000

80000

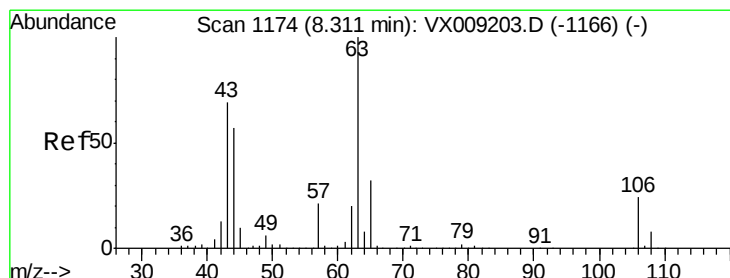
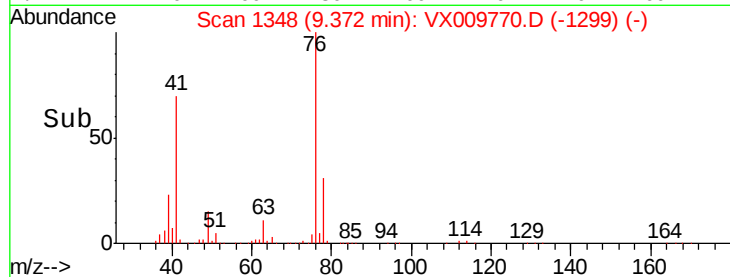
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 249.813 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX009770.D

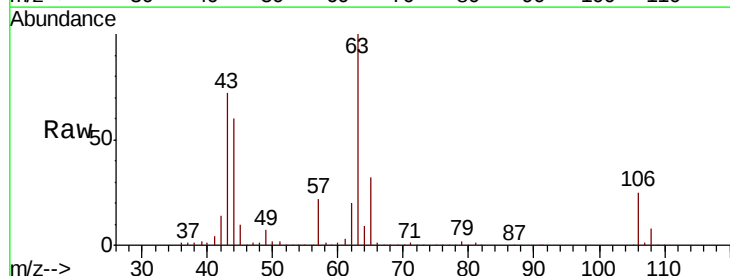
Acq: 22 May 2019 00:44

Tgt Ion: 63 Resp: 430768

Ion Ratio Lower Upper

63 100

106 24.4 19.7 29.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

300000

250000

200000

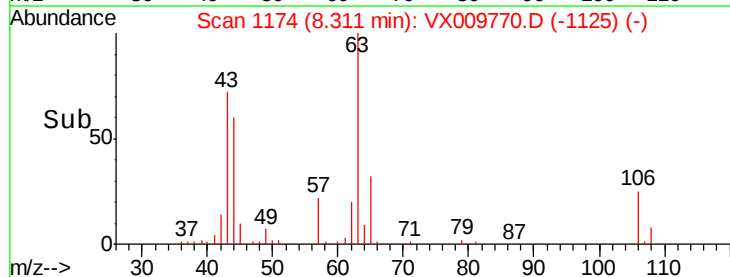
150000

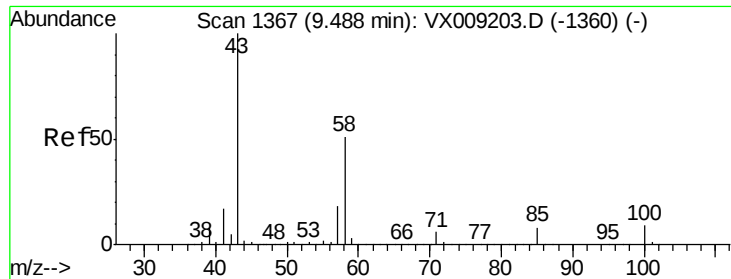
100000

50000

0

Time-->

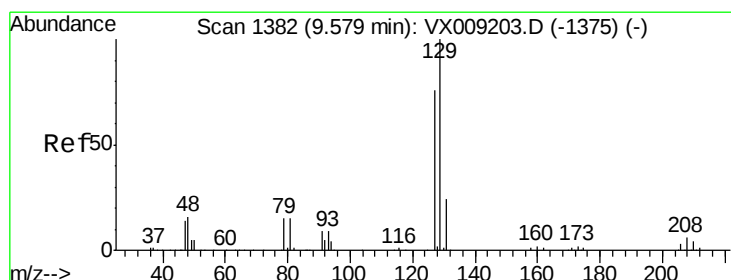
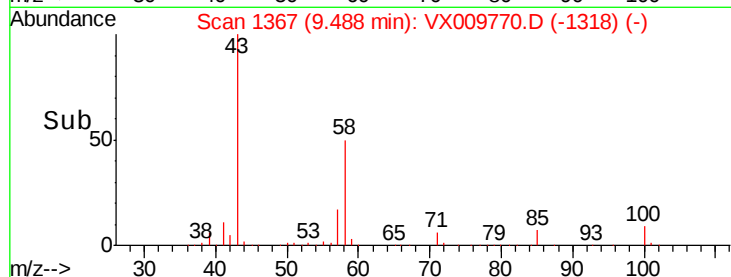
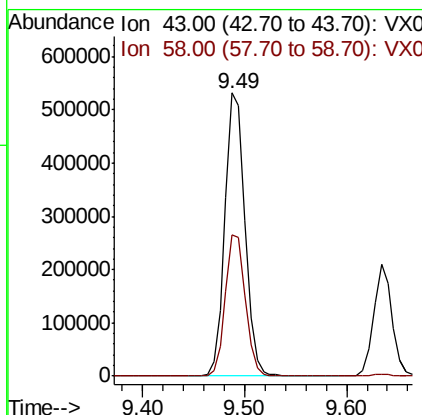
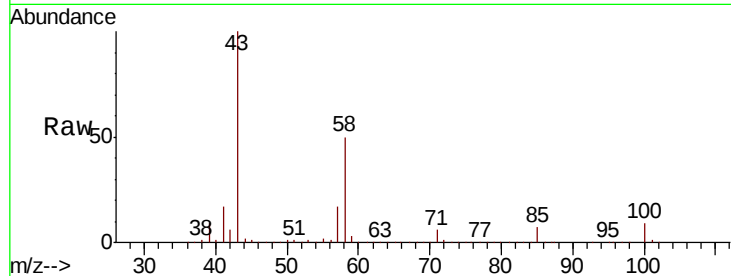




#59
2-Hexanone
Concen: 266.688 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009770.D
Acq: 22 May 2019 00:44

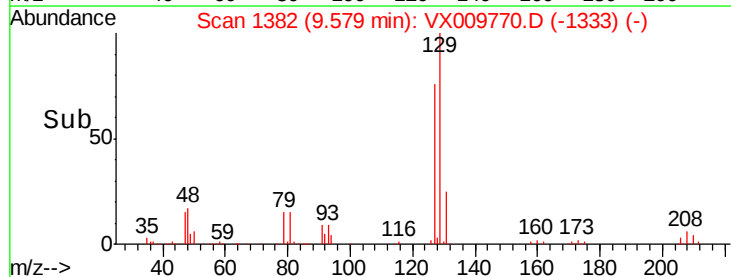
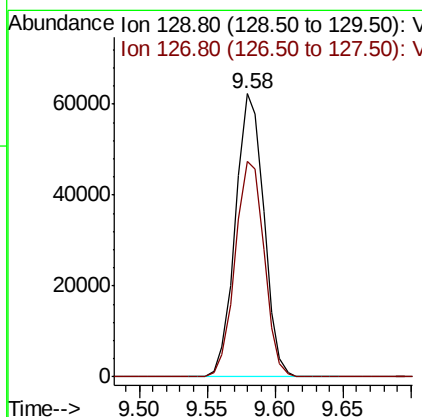
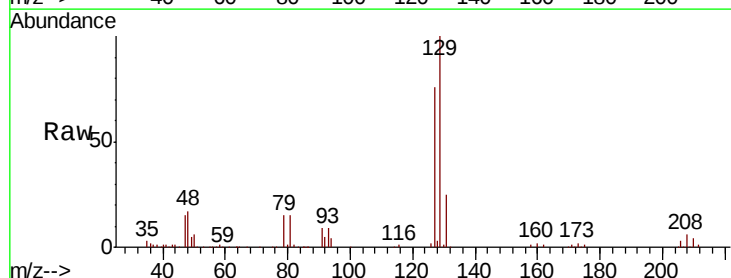
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

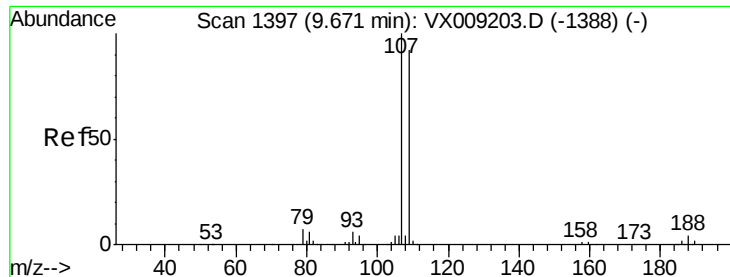
Tot Ion: 43 Resp: 723887
Ion Ratio Lower Upper
43 100
58 50.0 25.9 77.7



#60
Dibromochloromethane
Concen: 51.134 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009770.D
Acq: 22 May 2019 00:44

Tgt Ion: 129 Resp: 90941
Ion Ratio Lower Upper
129 100
127 77.6 38.4 115.1





#61

1,2-Dibromoethane

Concen: 50.735 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009770.D

Acq: 22 May 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

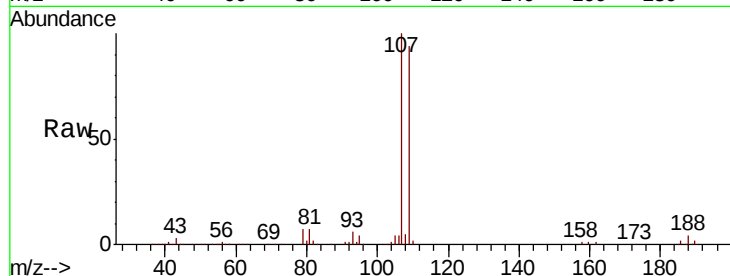
VSTDCCC050

Tot Ion:107 Resp: 93256

Ion Ratio Lower Upper

107 100

109 94.2 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

60000

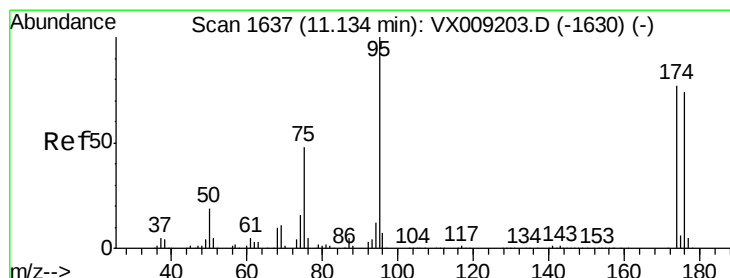
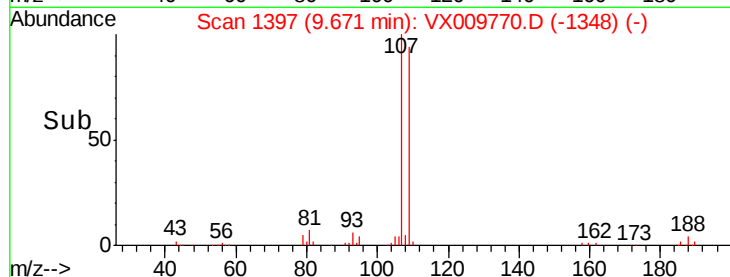
40000

20000

0

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 50.703 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009770.D

Acq: 22 May 2019 00:44

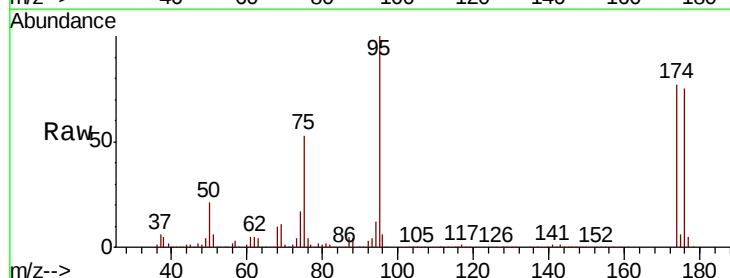
Tgt Ion: 95 Resp: 119376

Ion Ratio Lower Upper

95 100

174 81.4 0.0 161.6

176 79.7 0.0 159.2



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

120000

100000

80000

60000

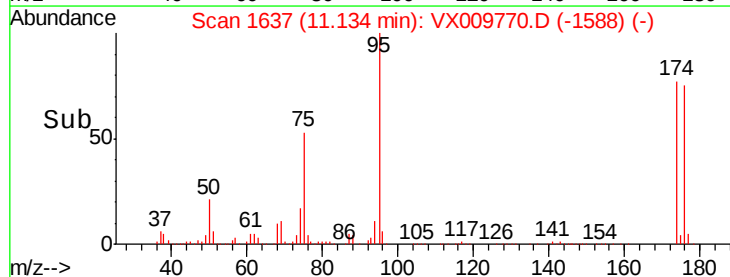
40000

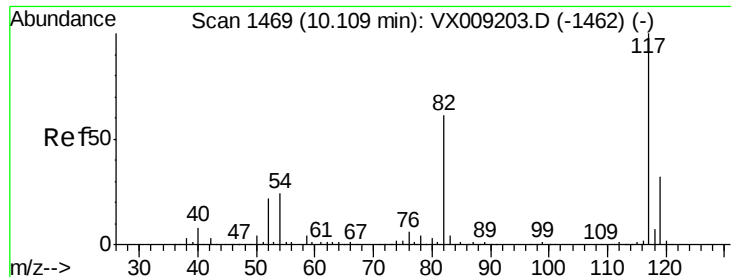
20000

0

11.10 11.15 11.20

Time-->

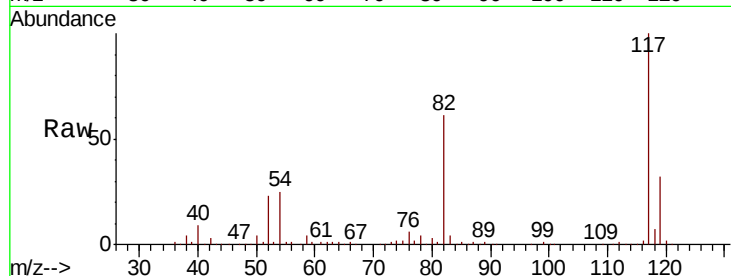




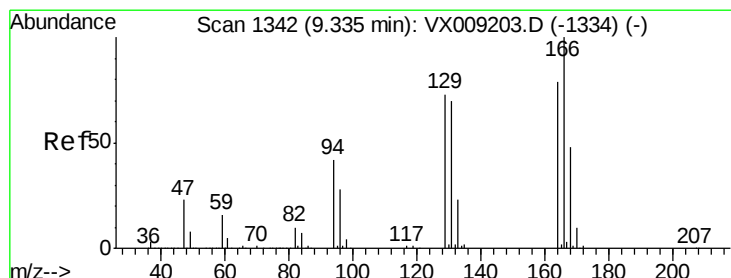
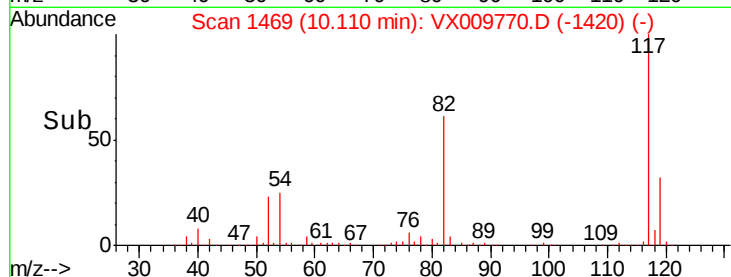
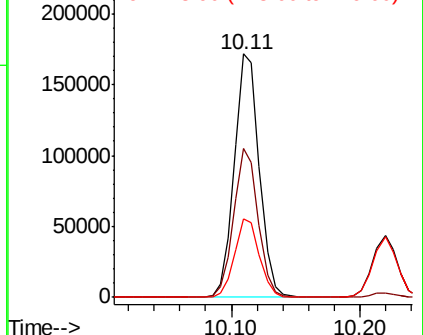
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009770.D
Acq: 22 May 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 232504
Ion Ratio Lower Upper
117 100
82 61.2 48.8 73.2
119 32.1 25.8 38.6

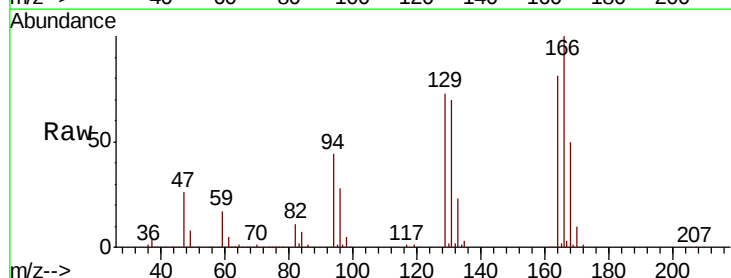


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

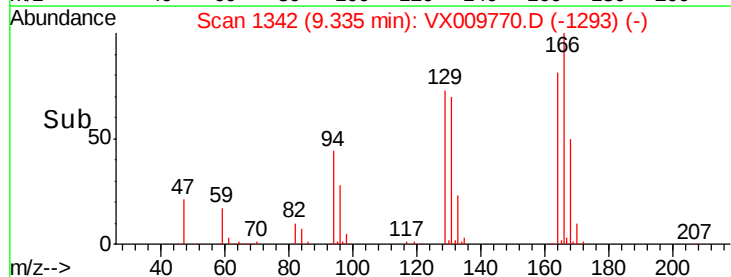
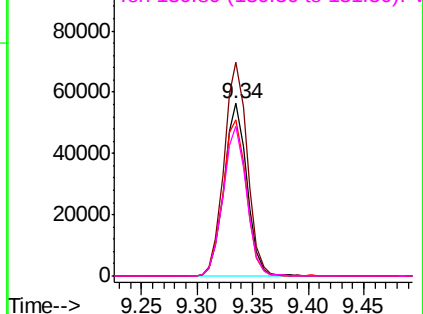


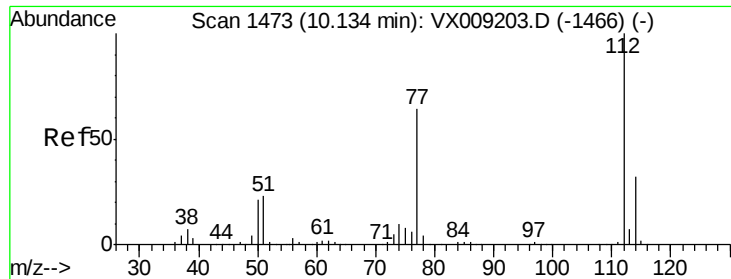
#64
Tetrachloroethene
Concen: 50.158 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009770.D
Acq: 22 May 2019 00:44

Tgt Ion:164 Resp: 79995
Ion Ratio Lower Upper
164 100
166 124.0 101.2 151.8
129 91.0 74.3 111.5
131 87.3 71.0 106.6



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

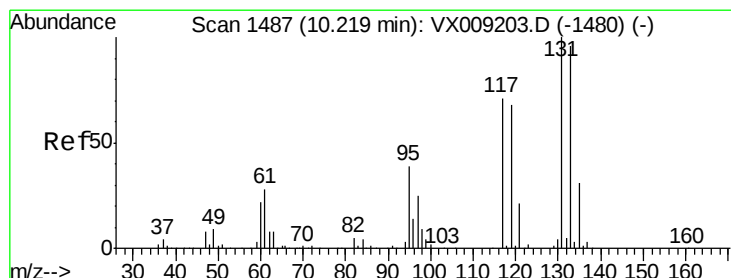
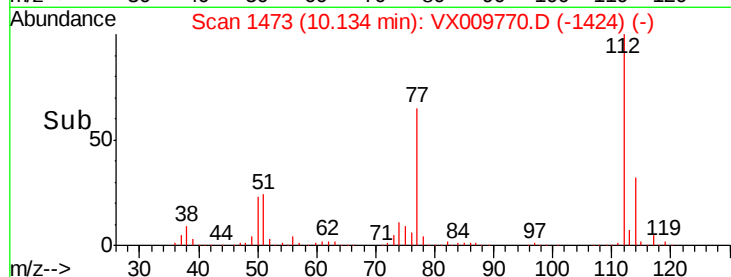
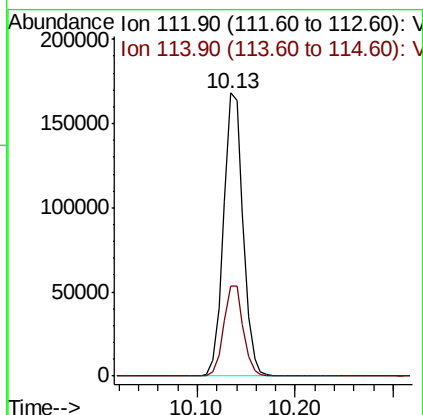
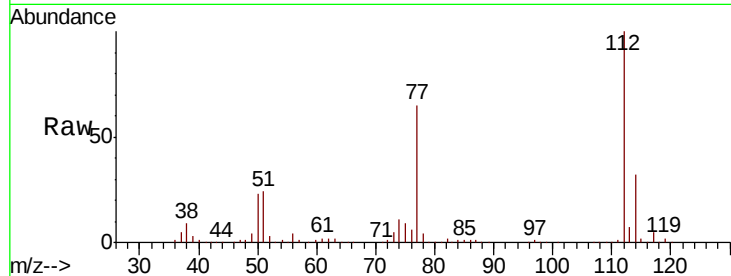




#65
Chlorobenzene
Concen: 49.914 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX009770.D
Acq: 22 May 2019 00:44

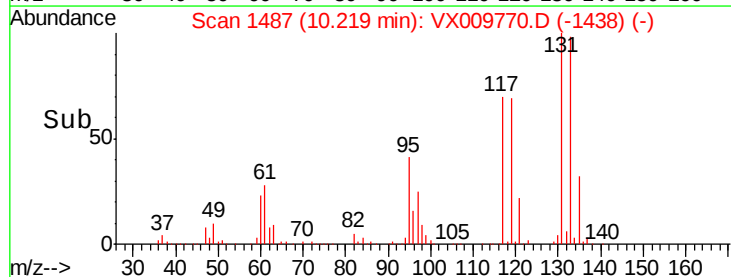
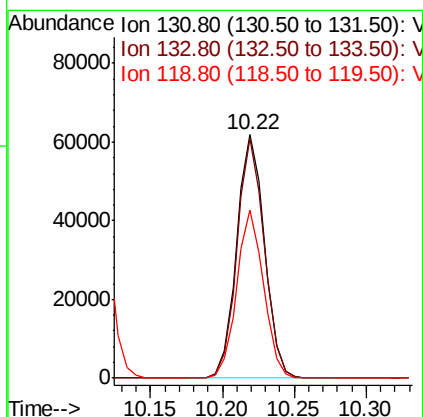
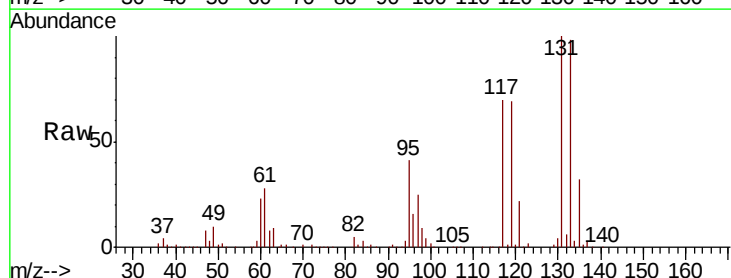
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

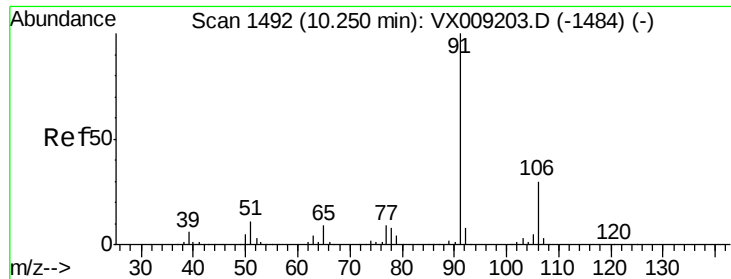
Tot Ion:112 Resp: 232156
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.256 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009770.D
Acq: 22 May 2019 00:44

Tgt Ion:131 Resp: 83056
Ion Ratio Lower Upper
131 100
133 96.3 47.7 143.1
119 67.0 33.5 100.4

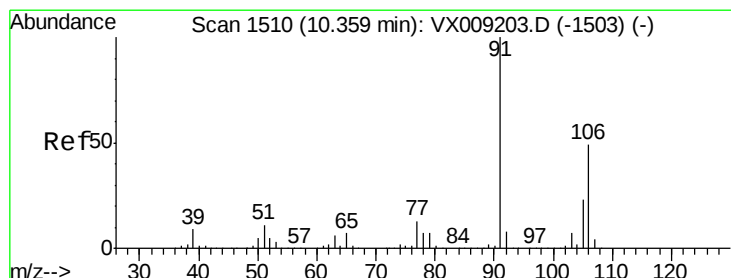
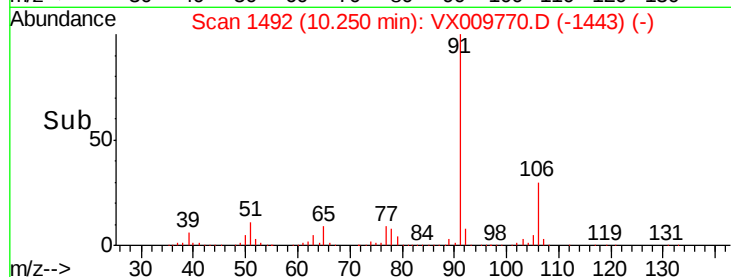
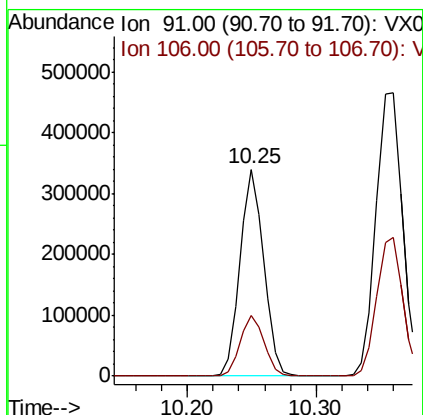
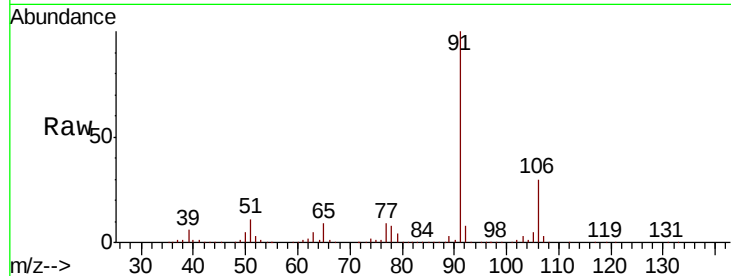




#67
Ethyl Benzene
Concen: 50.744 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009770.D
Acq: 22 May 2019 00:44

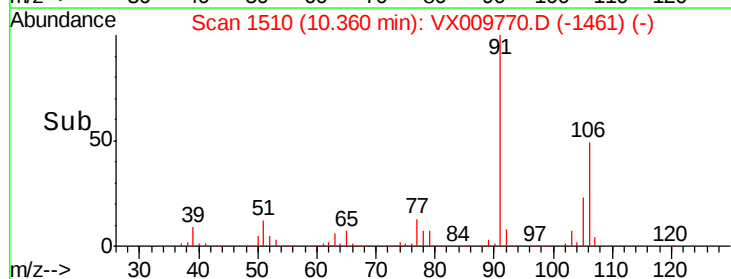
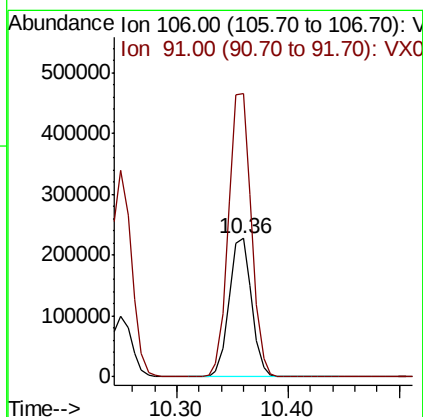
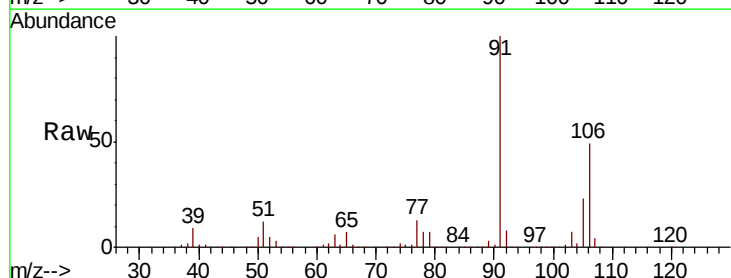
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

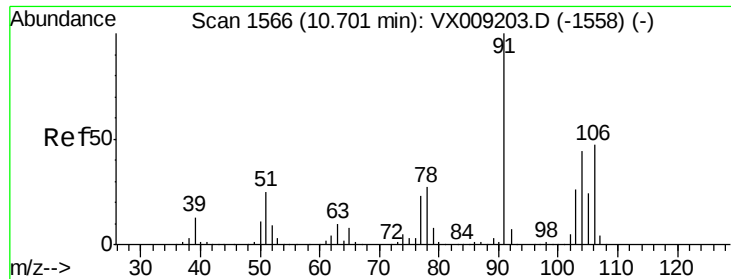
Tot Ion: 91 Resp: 434362
Ion Ratio Lower Upper
91 100
106 29.6 24.0 36.0



#68
m/p-Xylenes
Concen: 101.446 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009770.D
Acq: 22 May 2019 00:44

Tgt Ion: 106 Resp: 317328
Ion Ratio Lower Upper
106 100
91 208.0 164.0 246.0

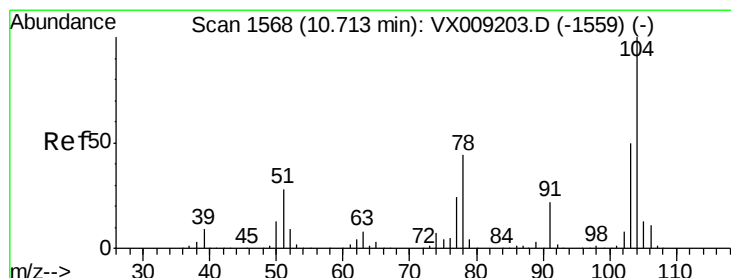
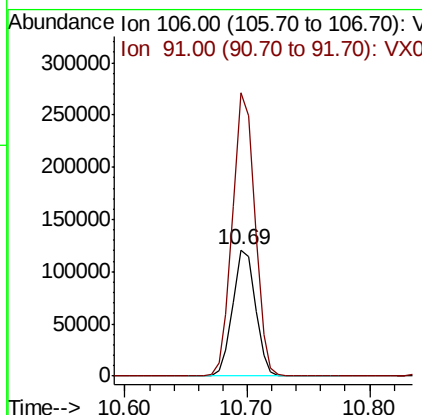
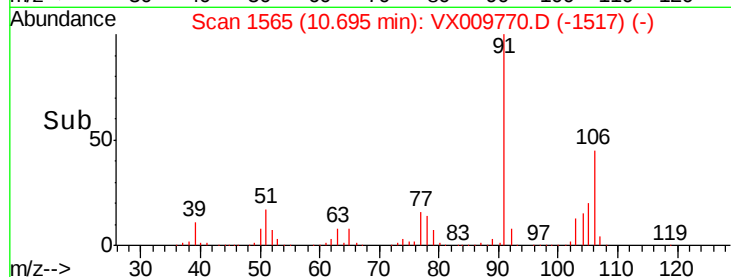
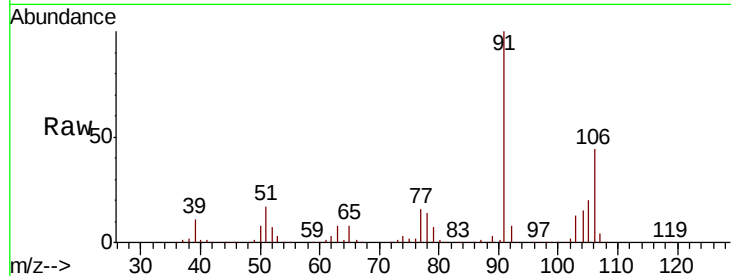




#69
o-Xylene
Concen: 50.214 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009770.D
Acq: 22 May 2019 00:44

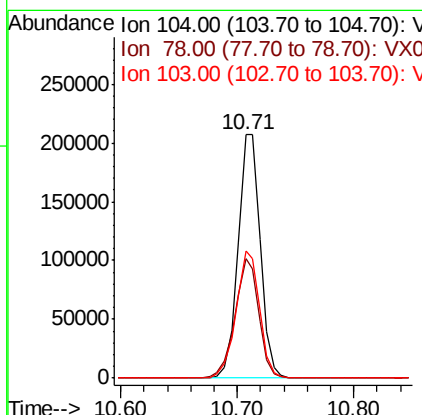
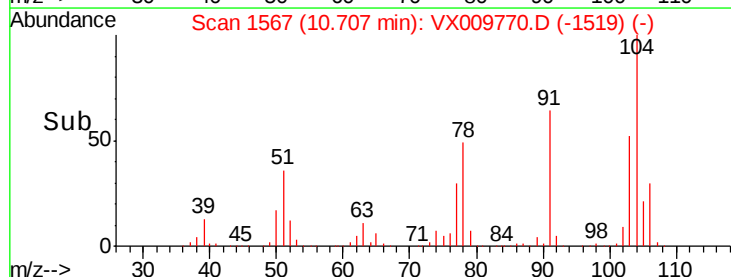
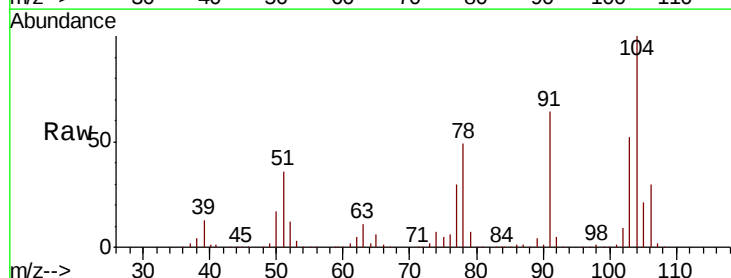
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

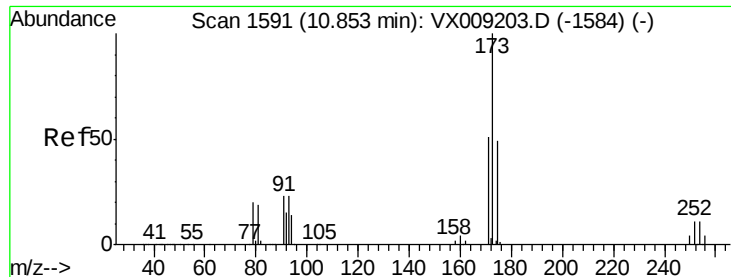
Tot Ion:106 Resp: 154975
Ion Ratio Lower Upper
106 100
91 221.7 109.5 328.4



#70
Styrene
Concen: 51.343 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009770.D
Acq: 22 May 2019 00:44

Tgt Ion:104 Resp: 275415
Ion Ratio Lower Upper
104 100
78 52.1 41.0 61.4
103 55.2 43.8 65.6





#71

Bromoform

Concen: 51.403 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009770.D

Acq: 22 May 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

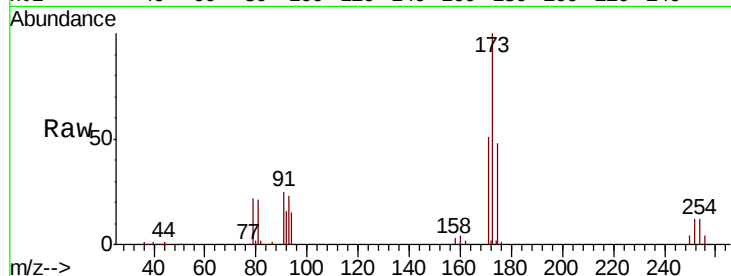
Tot Ion:173 Resp: 70438

Ion Ratio Lower Upper

173 100

175 48.0 24.5 73.5

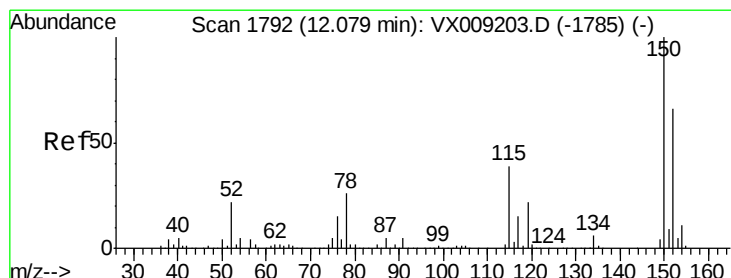
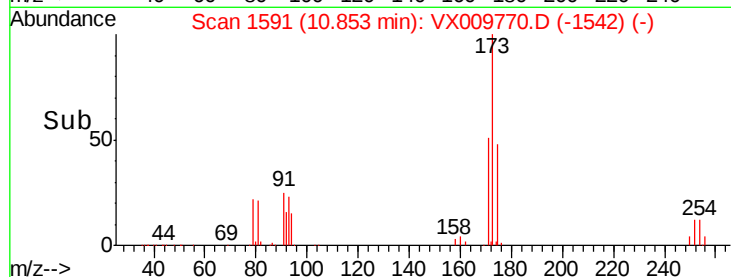
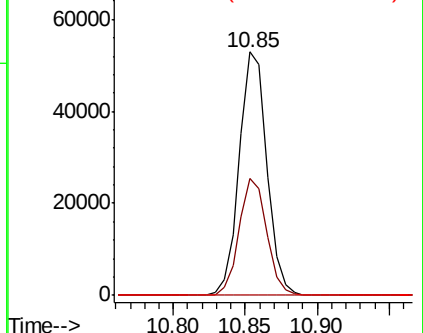
254 0.2 0.1 0.1#



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: VX009770.D

Acq: 22 May 2019 00:44

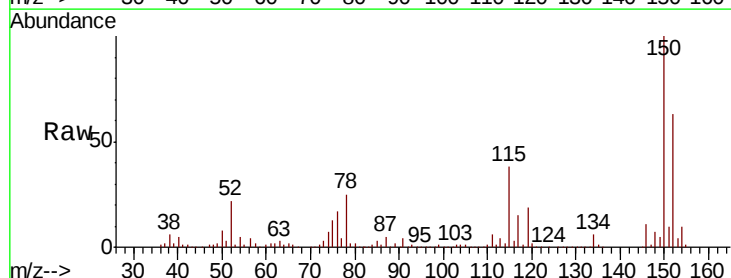
Tgt Ion:152 Resp: 115760

Ion Ratio Lower Upper

152 100

115 81.0 41.2 123.6

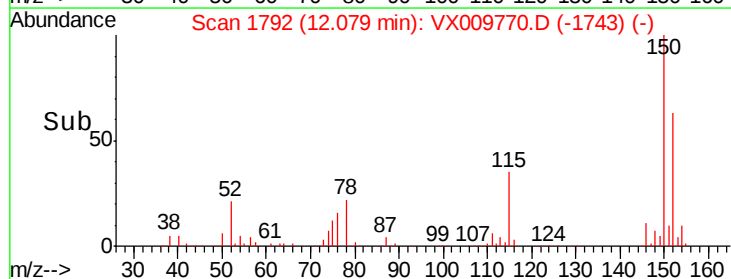
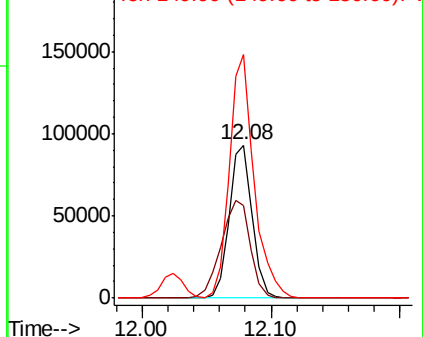
150 171.3 0.0 346.4



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: 49.190 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009770.D

Acq: 22 May 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

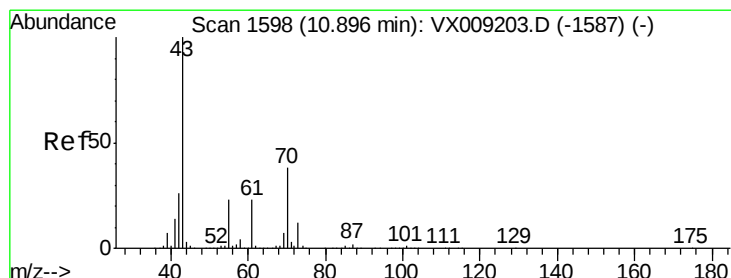
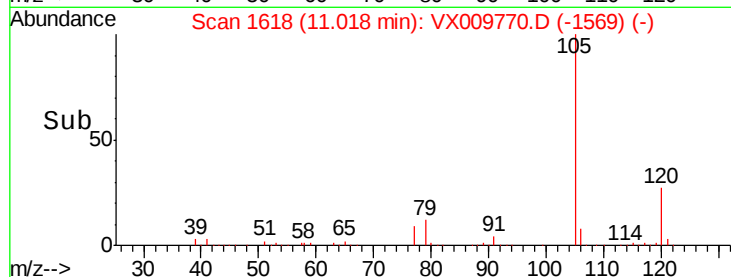
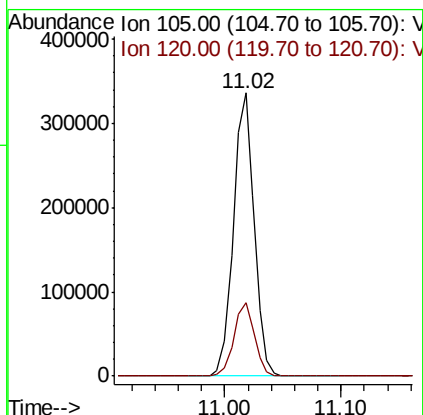
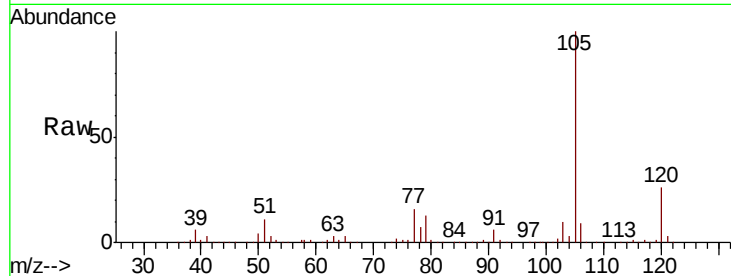
VSTDCCC050

Tot Ion:105 Resp: 414076

Ion Ratio Lower Upper

105 100

120 25.8 12.8 38.3



#74

N-ethyl acetate

Concen: 52.388 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009770.D

Acq: 22 May 2019 00:44

Tgt Ion: 43 Resp: 257106

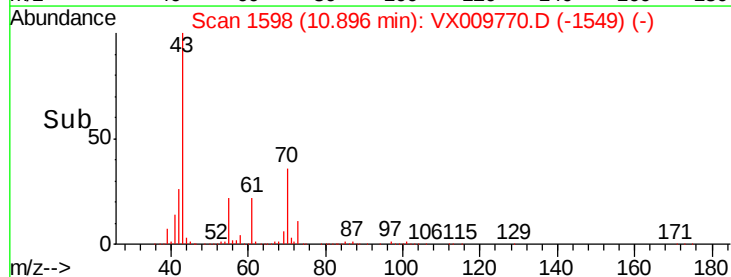
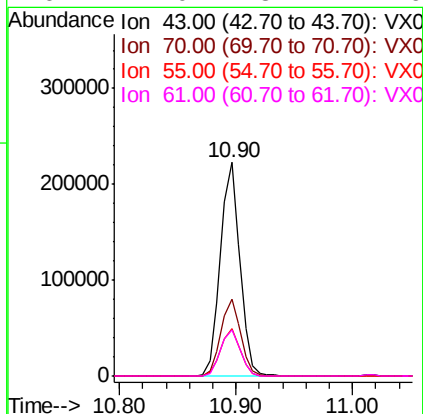
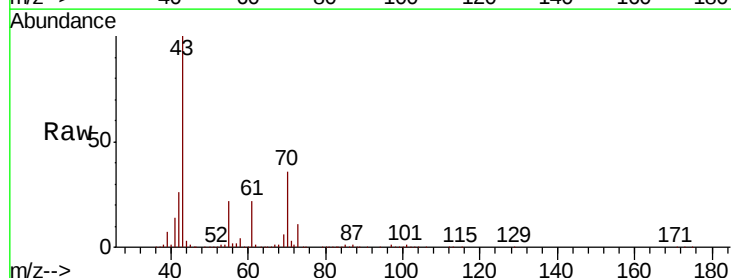
Ion Ratio Lower Upper

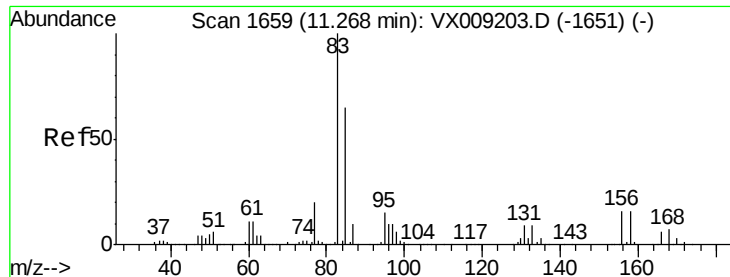
43 100

70 36.5 30.0 45.0

55 22.4 17.9 26.9

61 22.0 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 48.645 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009770.D

Acq: 22 May 2019 00:44

Instrument :

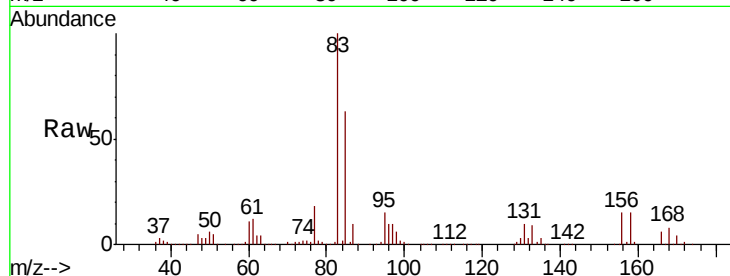
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 152653

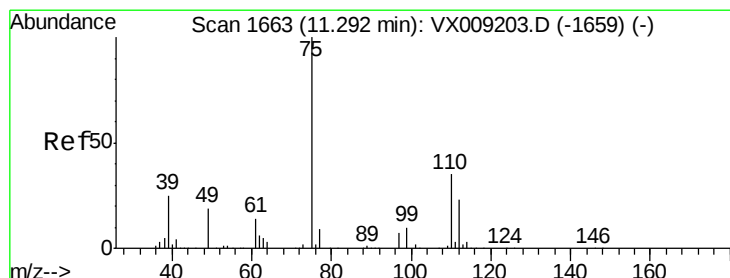
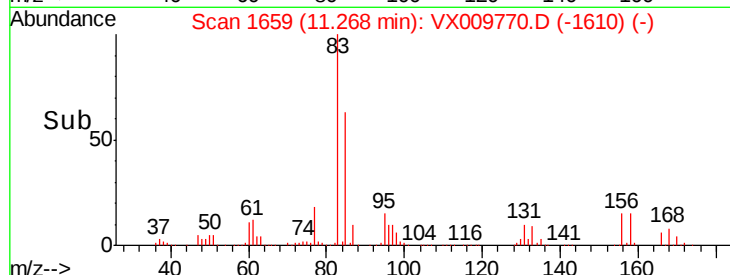
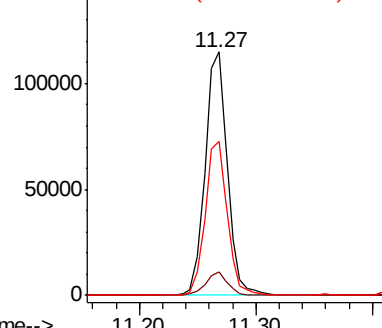
Ion	Ratio	Lower	Upper
83	100		
131	9.3	4.6	13.8
85	63.3	32.0	96.2



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: 66.923 ug/l

RT: 11.29 min Scan# 1663

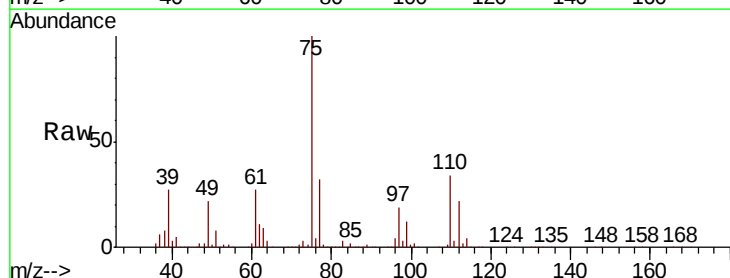
Delta R.T. 0.00 min

Lab File: VX009770.D

Acq: 22 May 2019 00:44

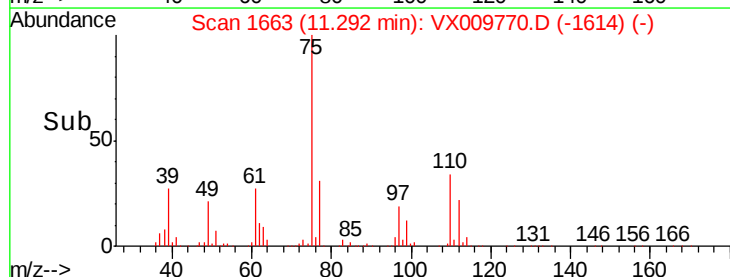
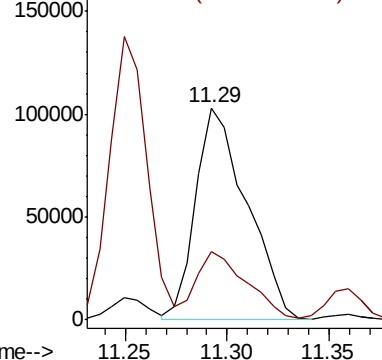
Tgt Ion: 75 Resp: 179703

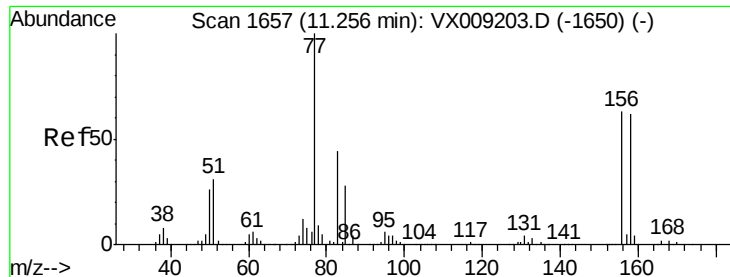
Ion	Ratio	Lower	Upper
75	100		
77	31.6	22.1	66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.500 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009770.D

Acq: 22 May 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

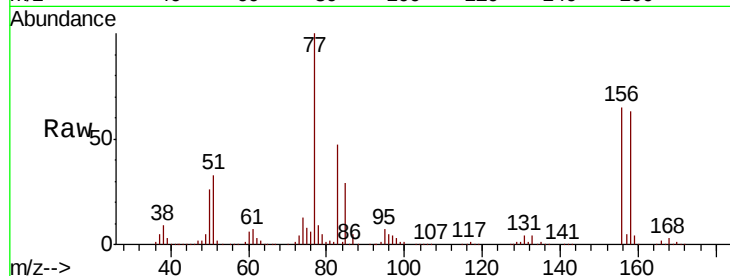
Tot Ion:156 Resp: 103423

Ion Ratio Lower Upper

156 100

77 170.3 84.8 254.3

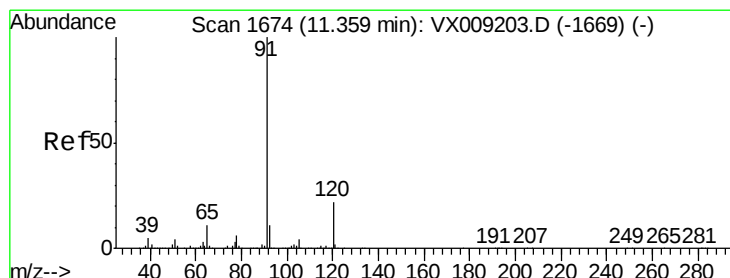
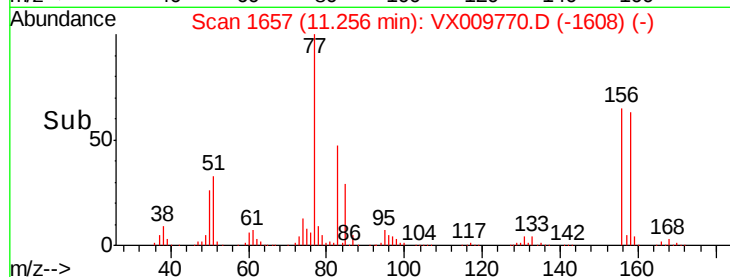
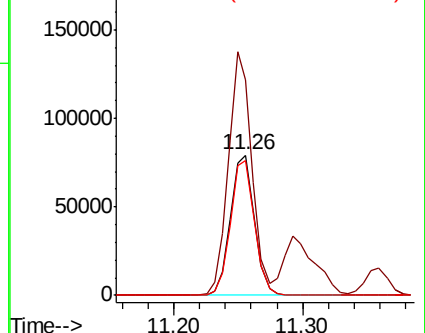
158 96.7 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.913 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009770.D

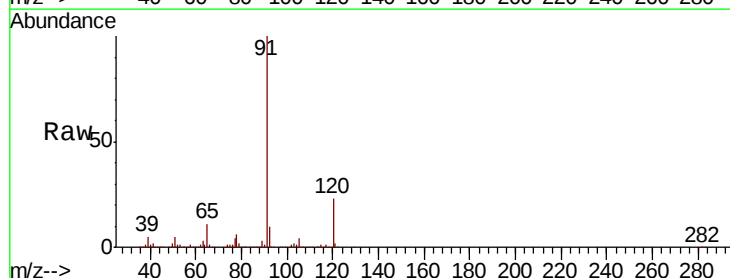
Acq: 22 May 2019 00:44

Tgt Ion: 91 Resp: 479850

Ion Ratio Lower Upper

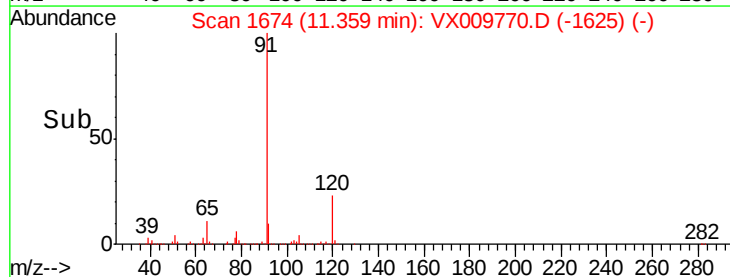
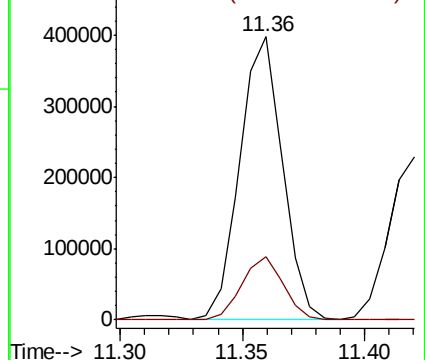
91 100

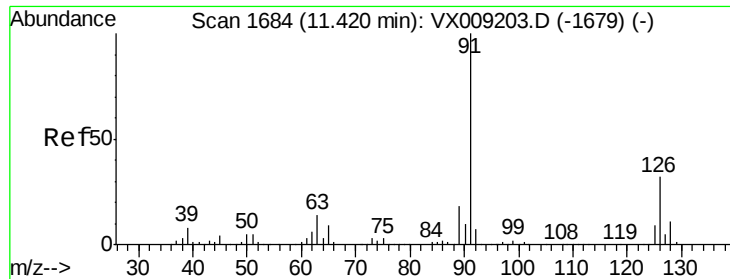
120 22.0 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.326 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009770.D

Acq: 22 May 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

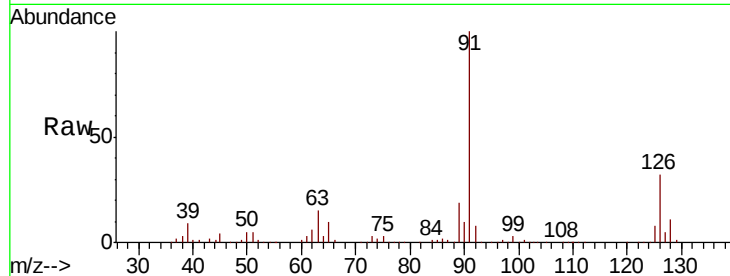
VSTDCCC050

Tot Ion: 91 Resp: 286630

Ion Ratio Lower Upper

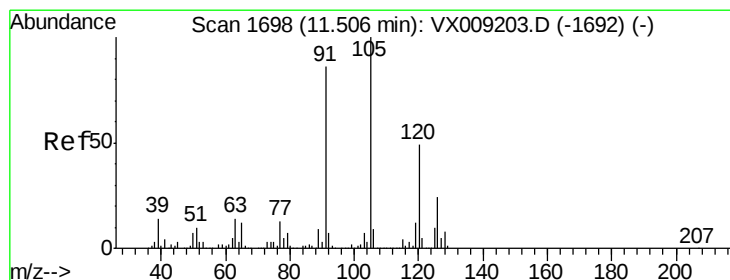
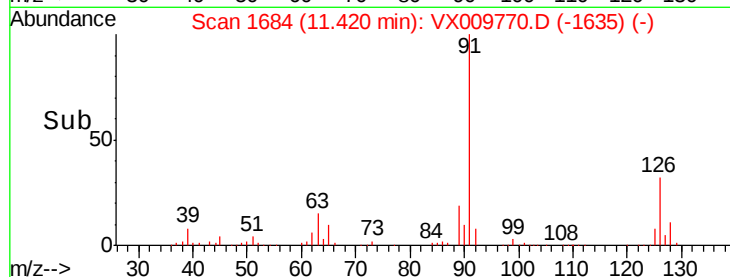
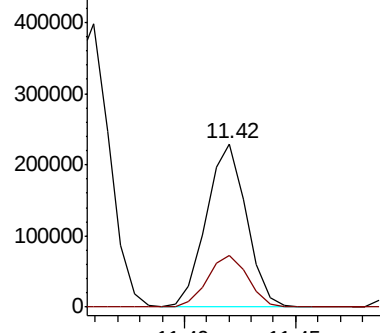
91 100

126 32.4 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.011 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009770.D

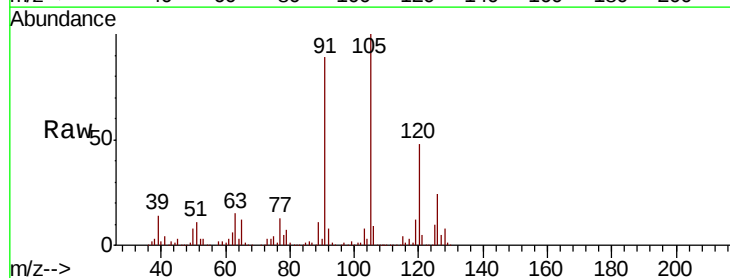
Acq: 22 May 2019 00:44

Tgt Ion:105 Resp: 354472

Ion Ratio Lower Upper

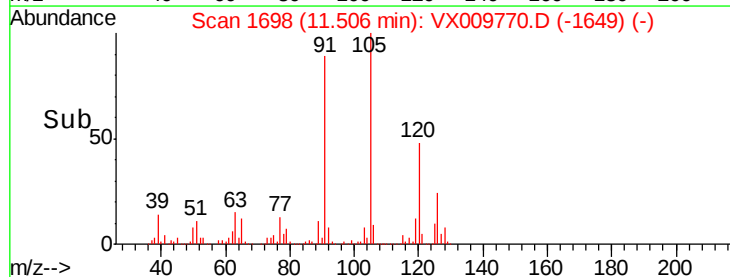
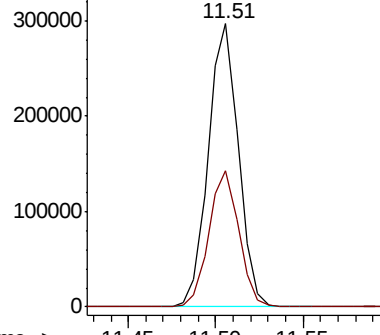
105 100

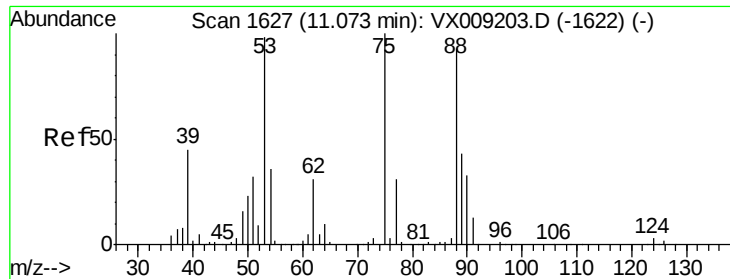
120 47.9 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 46.969 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009770.D

Acq: 22 May 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

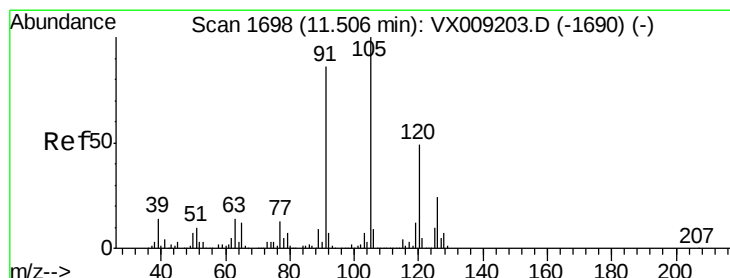
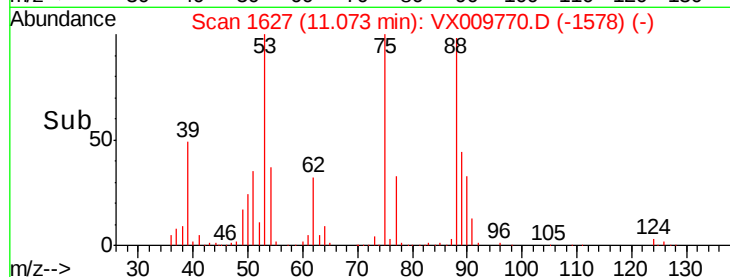
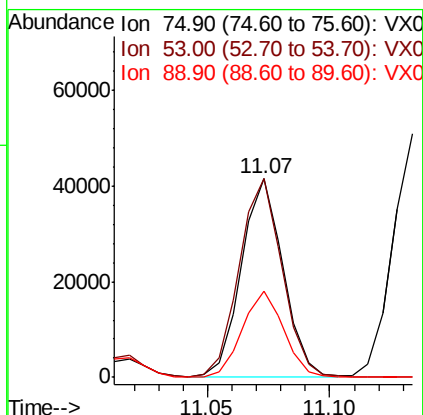
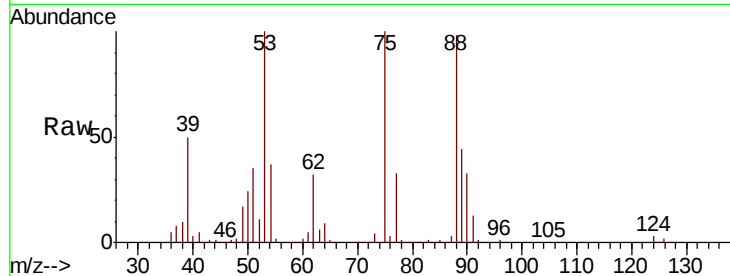
Tot Ion: 75 Resp: 49293

Ion Ratio Lower Upper

75 100

53 102.3 79.0 118.6

89 43.2 34.7 52.1



#82

4-Chlorotoluene

Concen: 49.801 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009770.D

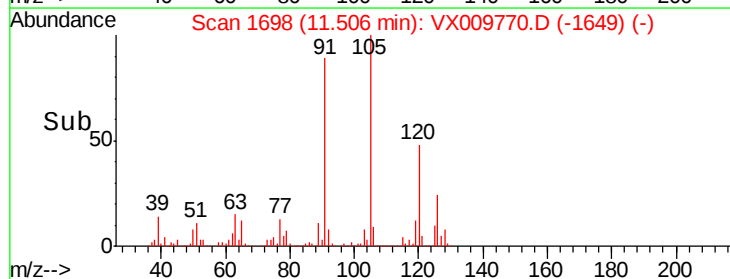
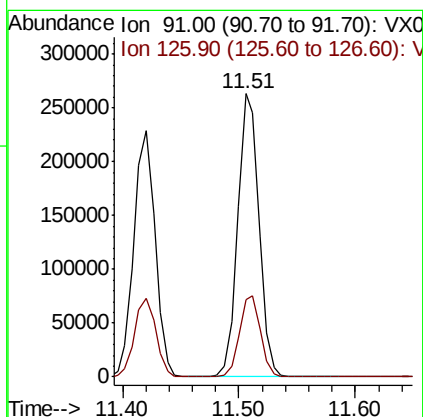
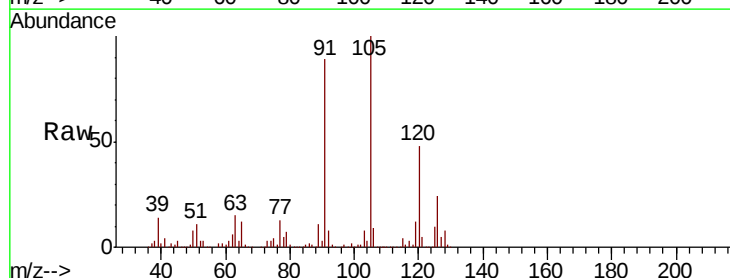
Acq: 22 May 2019 00:44

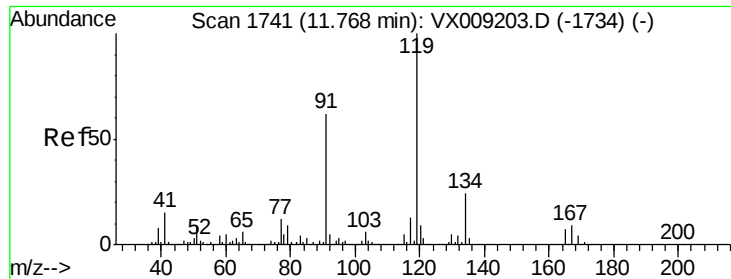
Tgt Ion: 91 Resp: 333692

Ion Ratio Lower Upper

91 100

126 28.4 14.5 43.6

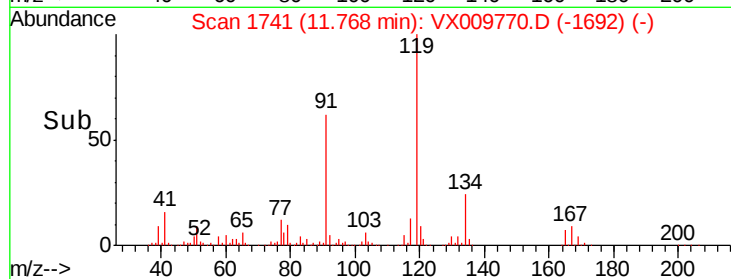
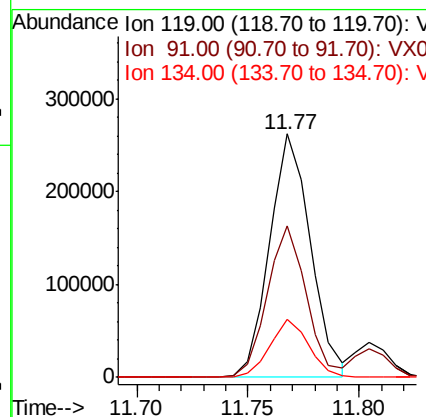
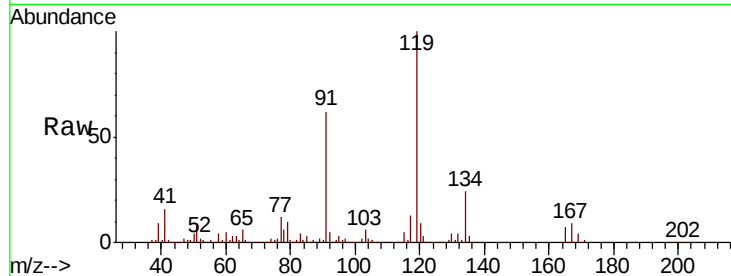




#83
 tert-Butylbenzene
 Concen: 48.580 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX009770.D
 Acq: 22 May 2019 00:44

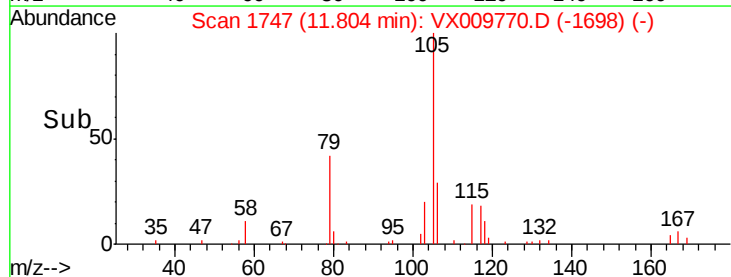
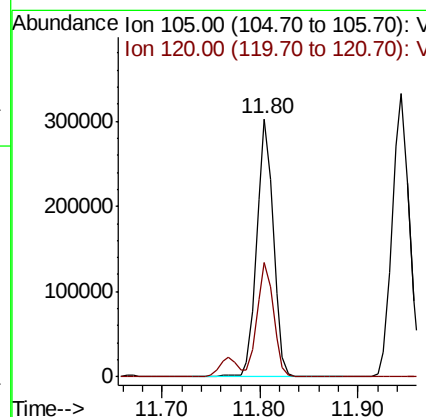
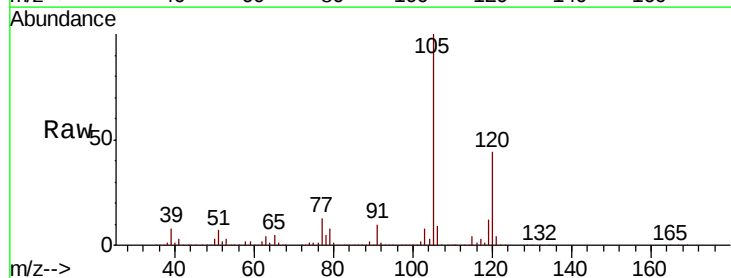
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:119 Resp: 334960
 Ion Ratio Lower Upper
 119 100
 91 59.4 29.5 88.5
 134 22.6 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 49.785 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009770.D
 Acq: 22 May 2019 00:44

Tgt Ion:105 Resp: 354191
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.0 66.0





#85

sec-Butylbenzene

Concen: 49.198 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009770.D

Acq: 22 May 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

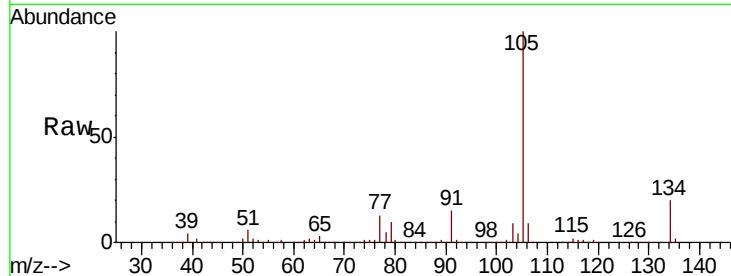
VSTDCCC050

Tot Ion:105 Resp: 402175

Ion Ratio Lower Upper

105 100

134 19.1 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

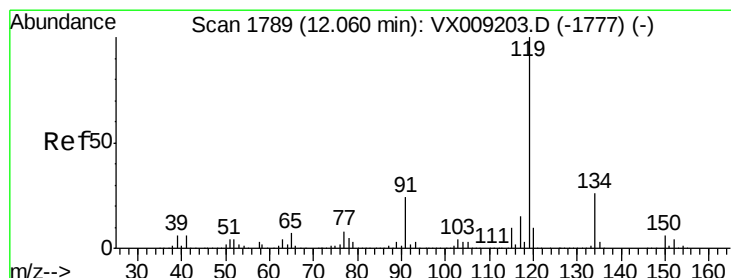
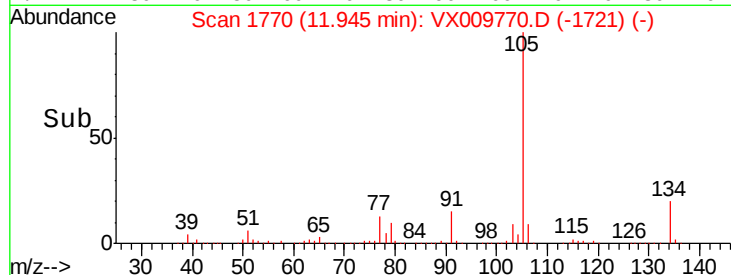
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 49.561 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009770.D

Acq: 22 May 2019 00:44

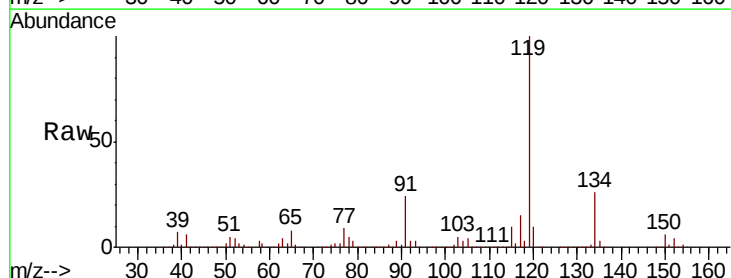
Tgt Ion:119 Resp: 364222

Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.7

91 24.1 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

400000

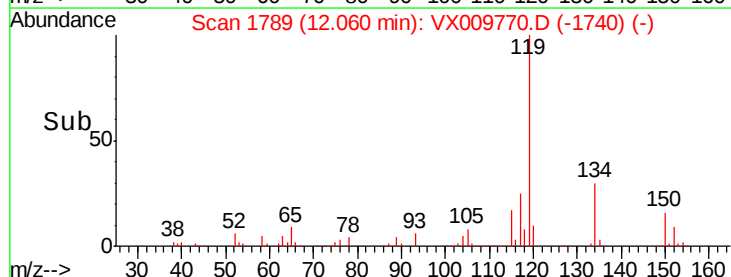
300000

200000

100000

0

Time-->

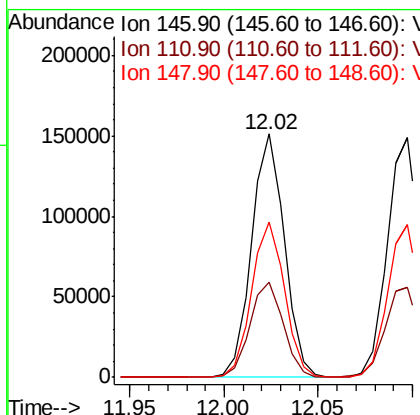
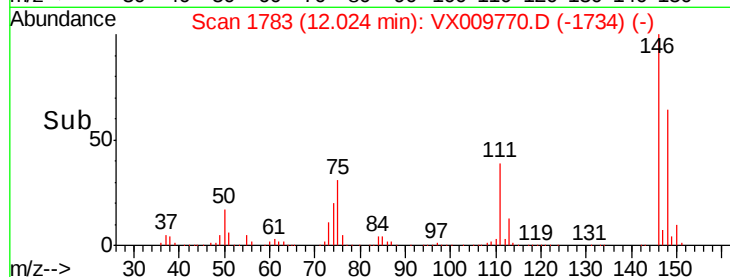
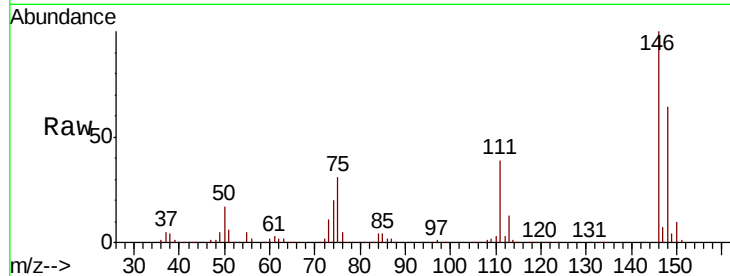




#87
 1,3-Dichlorobenzene
 Concen: 49.065 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009770.D
 Acq: 22 May 2019 00:44

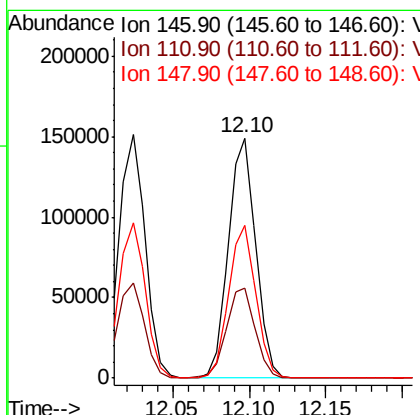
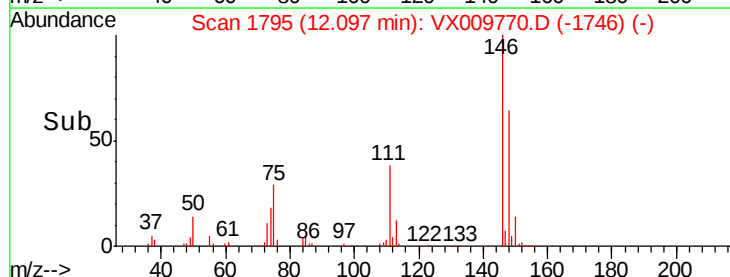
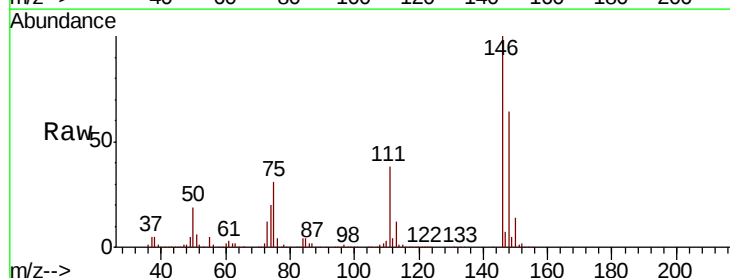
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 182752
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.0 59.9
 148 63.9 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 49.061 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009770.D
 Acq: 22 May 2019 00:44

Tgt Ion:146 Resp: 184231
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.6 58.8
 148 63.3 31.8 95.3

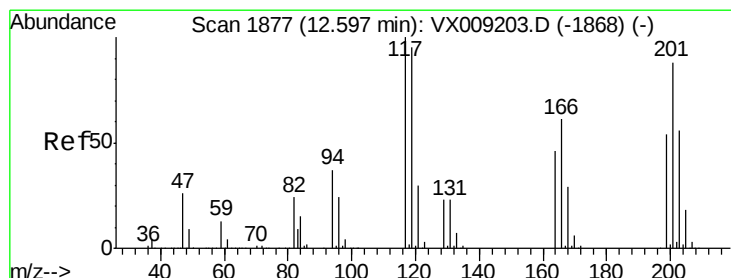
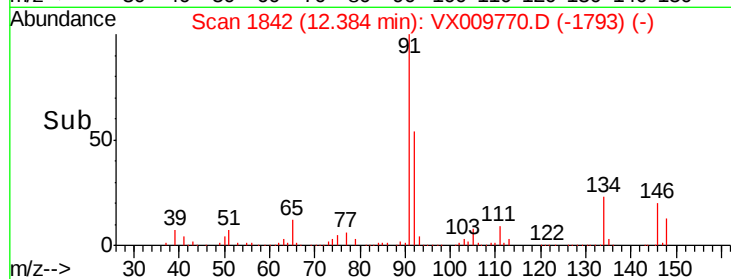
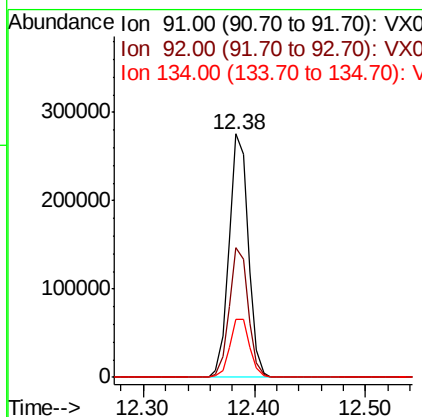
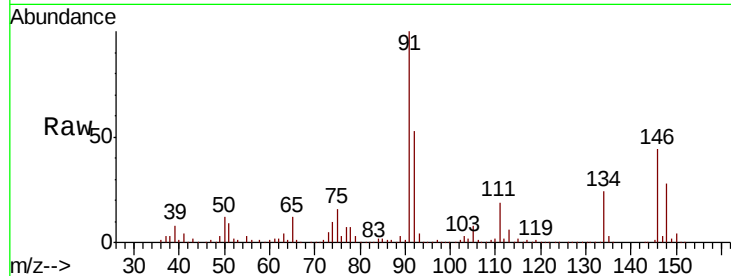




#89
n-Butylbenzene
Concen: 49.394 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009770.D
Acq: 22 May 2019 00:44

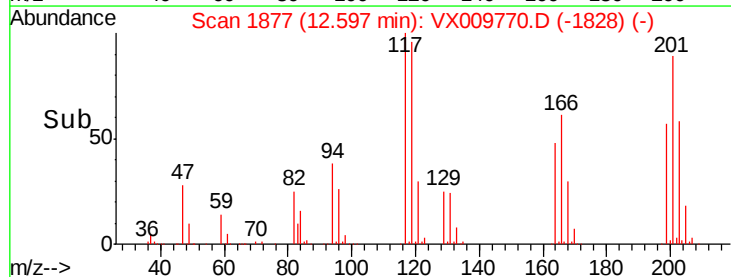
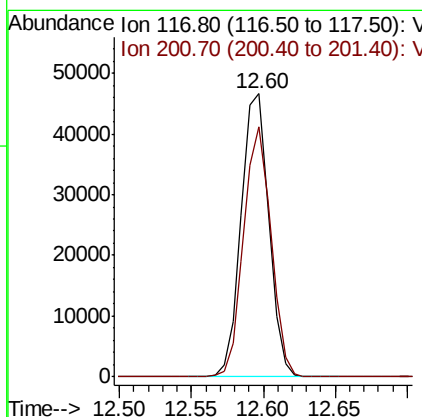
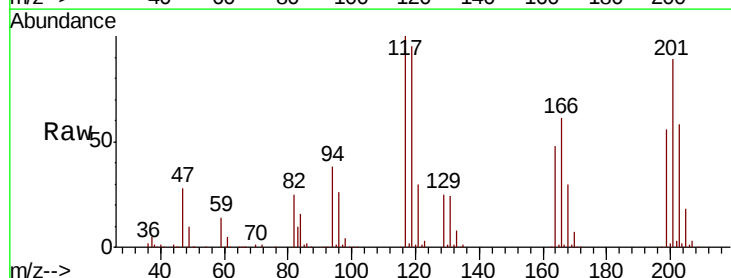
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 328089
Ion Ratio Lower Upper
91 100
92 52.8 26.5 79.5
134 24.6 12.4 37.2



#90
Hexachloroethane
Concen: 49.944 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX009770.D
Acq: 22 May 2019 00:44

Tgt Ion: 117 Resp: 62531
Ion Ratio Lower Upper
117 100
201 86.6 42.3 126.9





#91

1,2-Dichlorobenzene

Concen: 48.121 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX009770.D

Acq: 22 May 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

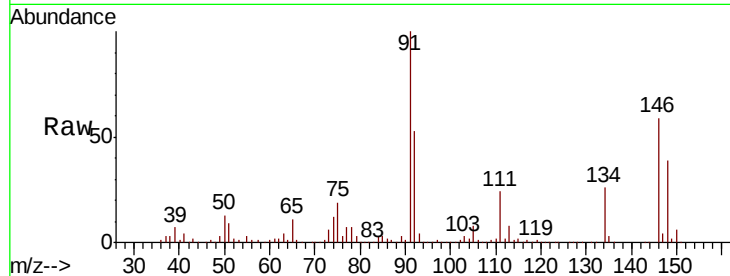
Tot Ion:146 Resp: 182559

Ion Ratio Lower Upper

146 100

111 41.9 20.8 62.4

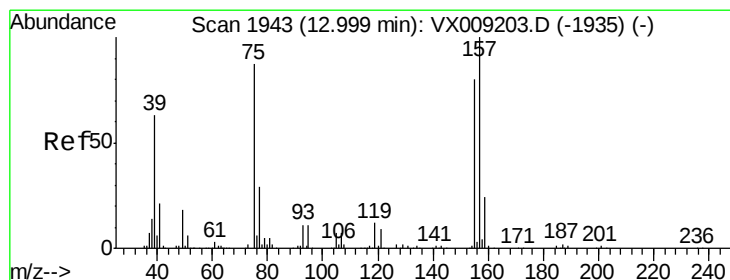
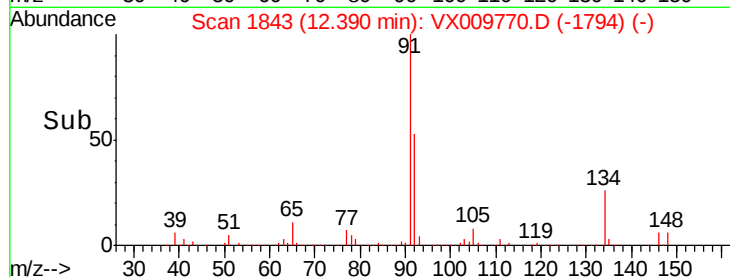
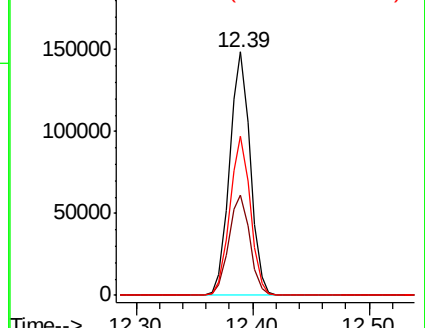
148 65.2 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.977 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX009770.D

Acq: 22 May 2019 00:44

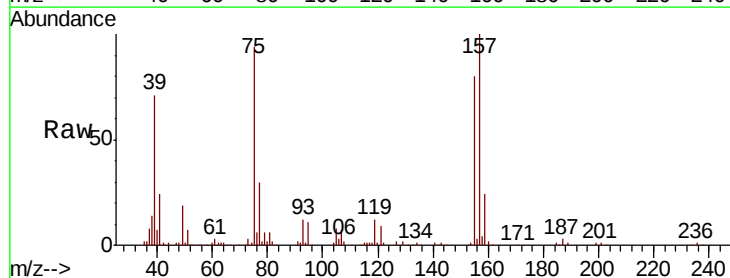
Tgt Ion: 75 Resp: 35886

Ion Ratio Lower Upper

75 100

155 79.9 42.0 126.0

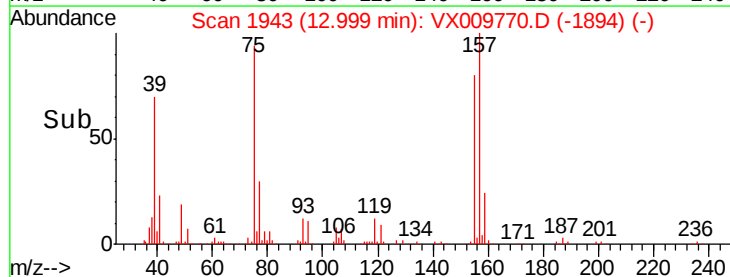
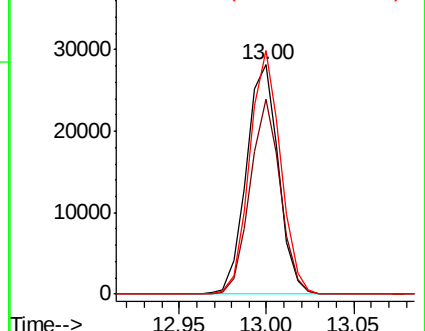
157 102.3 53.2 159.6

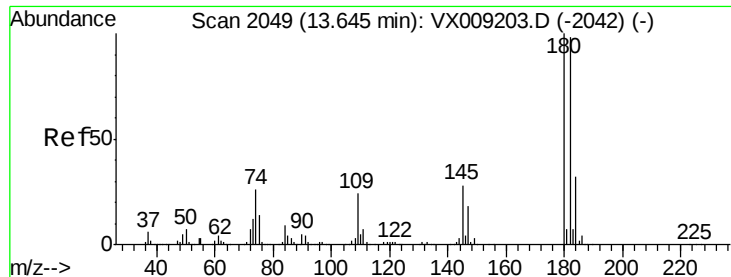


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

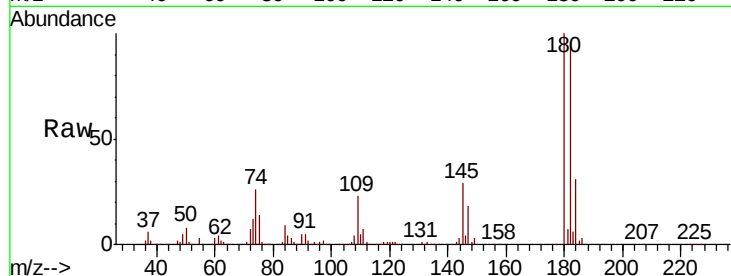




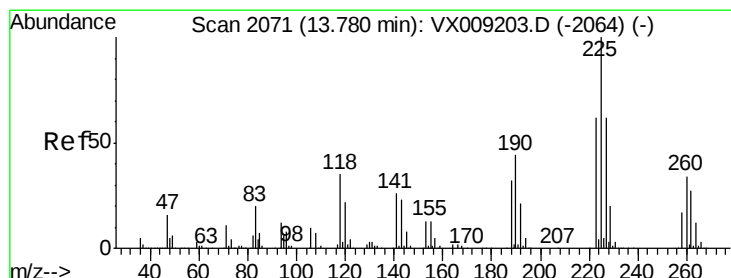
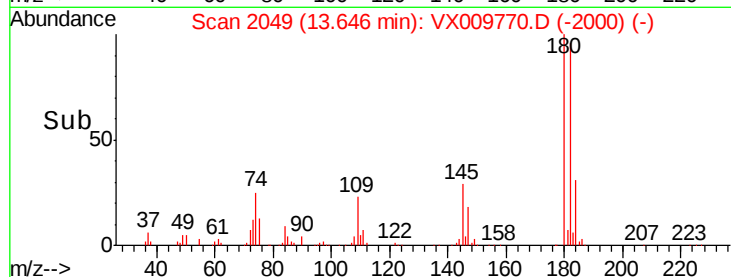
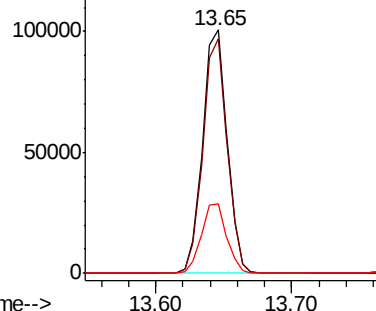
#93
 1,2,4-Trichlorobenzene
 Concen: 48.581 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009770.D
 Acq: 22 May 2019 00:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 126033
 Ion Ratio Lower Upper
 180 100
 182 95.3 48.4 145.2
 145 29.3 14.6 43.8

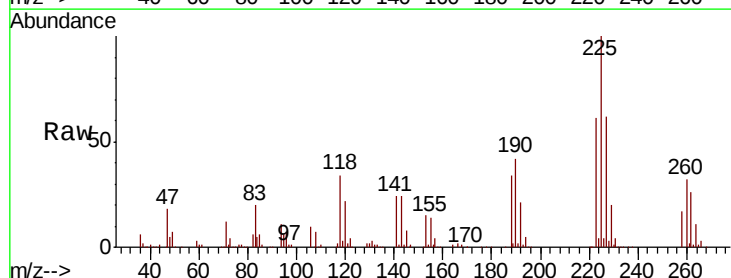


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

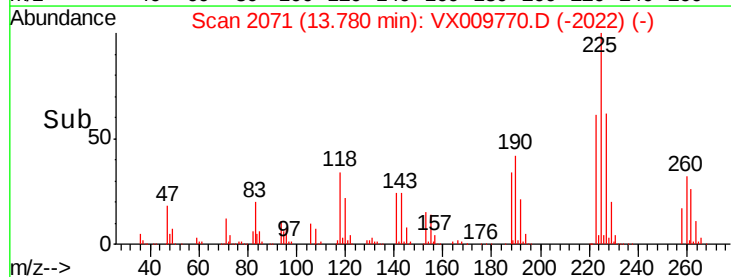
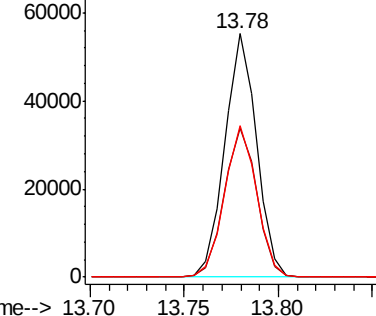


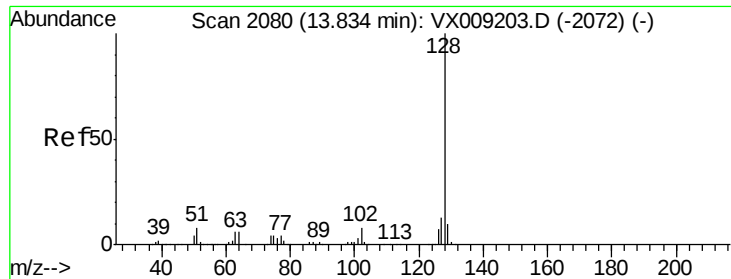
#94
 Hexachlorobutadiene
 Concen: 48.658 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009770.D
 Acq: 22 May 2019 00:44

Tgt Ion:225 Resp: 64462
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.3 93.8
 227 63.1 31.8 95.3



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

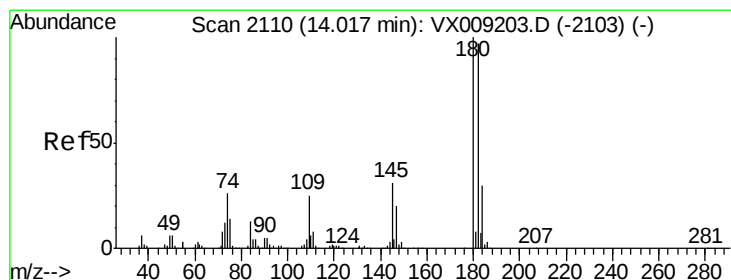
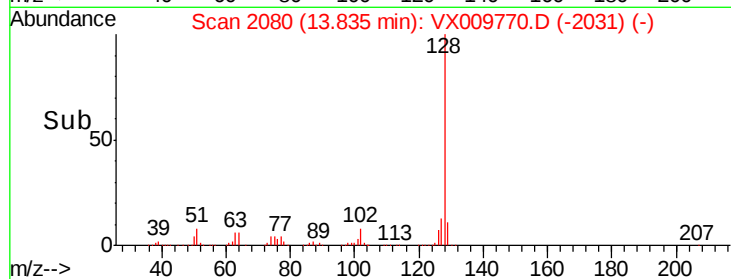
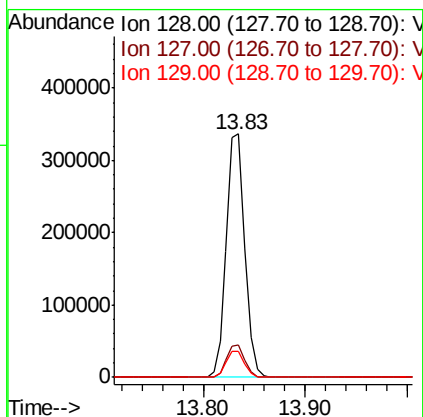
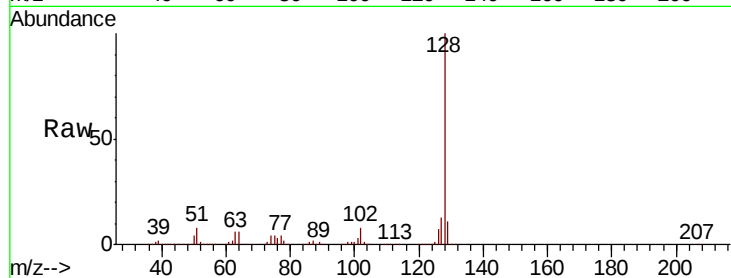




#95
Naphthalene
Concen: 49.866 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009770.D
Acq: 22 May 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 420888
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.452 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009770.D
Acq: 22 May 2019 00:44

Tgt Ion:180 Resp: 130046
Ion Ratio Lower Upper
180 100
182 95.0 47.8 143.4
145 30.3 15.4 46.4

