

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX123019\
 Data File : VX014350.D
 Acq On : 30 Dec 2019 13:37
 Operator : JC/SP
 Sample : VX1230WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1230WBS02

Quant Time: Dec 31 01:16:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	511300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	778289	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	703109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	340124	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	279521	48.24	ug/l	0.00
Spiked Amount			Recovery	=	96.48%	
35) Dibromofluoromethane	5.48	113	231028	48.83	ug/l	0.00
Spiked Amount			Recovery	=	97.66%	
50) Toluene-d8	8.71	98	885864	48.09	ug/l	0.00
Spiked Amount			Recovery	=	96.18%	
62) 4-Bromofluorobenzene	11.13	95	320341	47.58	ug/l	0.00
Spiked Amount			Recovery	=	95.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	74604	16.310	ug/l	98
3) Chloromethane	1.32	50	106714	17.384	ug/l	100
4) Vinyl Chloride	1.40	62	113447	17.514	ug/l	99
5) Bromomethane	1.63	94	69736	15.169	ug/l	98
6) Chloroethane	1.72	64	76353	19.099	ug/l	95
7) Trichlorofluoromethane	1.92	101	148524	18.523	ug/l	98
8) Diethyl Ether	2.18	74	68313	18.153	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	92531	19.144	ug/l	98
10) Methyl Iodide	2.50	142	93875	16.576	ug/l	99
11) Tert butyl alcohol	3.03	59	112661	89.975	ug/l	98
12) 1,1-Dichloroethene	2.37	96	87855	17.863	ug/l	100
13) Acrolein	2.28	56	61017	85.128	ug/l	97
14) Allyl chloride	2.72	41	167014	19.019	ug/l	98
15) Acrylonitrile	3.13	53	283426	96.978	ug/l	100
16) Acetone	2.43	43	253658	67.424	ug/l	100
17) Carbon Disulfide	2.56	76	221128	16.702	ug/l	99
18) Methyl Acetate	2.76	43	145919	19.574	ug/l	96
19) Methyl tert-butyl Ether	3.18	73	309851	19.172	ug/l	98
20) Methylene Chloride	2.84	84	110418	18.638	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	96654	17.838	ug/l	98
22) Diisopropyl ether	3.84	45	352133	20.122	ug/l	93
23) Vinyl Acetate	3.80	43	1468391	102.824	ug/l	100
24) 1,1-Dichloroethane	3.69	63	183055	18.802	ug/l	99
25) 2-Butanone	4.65	43	391786	84.468	ug/l	97
26) 2,2-Dichloropropane	4.57	77	143388	18.969	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	112165	18.303	ug/l	99
28) Bromochloromethane	5.00	49	77894	21.068	ug/l	94
29) Tetrahydrofuran	5.11	42	247379	95.355	ug/l	99
30) Chloroform	5.20	83	179604	19.460	ug/l	98
31) Cyclohexane	5.57	56	160898	18.581	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	147619	18.766	ug/l	97
36) 1,1-Dichloropropene	5.79	75	131703	18.443	ug/l	99
37) Ethyl Acetate	4.81	43	154358	19.574	ug/l	99
38) Carbon Tetrachloride	5.77	117	120916	18.586	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	166216	18.850	ug/l	99
40) Benzene	6.13	78	415797	18.923	ug/l	98
41) Methacrylonitrile	5.03	41	86517	19.773	ug/l	97
42) 1,2-Dichloroethane	6.18	62	137903	18.515	ug/l	98
43) Isopropyl Acetate	6.43	43	252852	19.374	ug/l	99
44) Trichloroethene	7.20	130	112234	18.493	ug/l	99
45) 1,2-Dichloropropane	7.51	63	111313	19.765	ug/l	98
46) Dibromomethane	7.65	93	67720	18.187	ug/l	98
47) Bromodichloromethane	7.89	83	134909	19.238	ug/l	98
48) Methyl methacrylate	7.76	41	122115	19.108	ug/l	98
49) 1,4-Dioxane	7.73	88	46573	358.113	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	780498	95.227	ug/l	99
52) Toluene	8.78	92	258079	18.582	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	146441	19.045	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	165691	19.342	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	107705	19.349	ug/l	99
56) Ethyl methacrylate	9.17	69	163827	18.737	ug/l	98
57) 1,3-Dichloropropane	9.36	76	182086	19.443	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	357250	107.965	ug/l	99
59) 2-Hexanone	9.48	43	582002	88.210	ug/l	99
60) Dibromochloromethane	9.57	129	105772	19.117	ug/l	100
61) 1,2-Dibromoethane	9.67	107	110421	19.388	ug/l	99
64) Tetrachloroethene	9.33	164	115990	18.643	ug/l	97
65) Chlorobenzene	10.13	112	279662	18.707	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	102723	19.244	ug/l	99
67) Ethyl Benzene	10.25	91	485570	18.892	ug/l	98
68) m/p-Xylenes	10.35	106	371924	37.623	ug/l	100
69) o-Xylene	10.70	106	177833	18.342	ug/l	97
70) Styrene	10.71	104	305113	18.611	ug/l	100
71) Bromoform	10.85	173	78069	18.195	ug/l	100
73) Isopropylbenzene	11.01	105	479409	20.019	ug/l	99
74) N-amyl acetate	10.89	43	214433	19.103	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	160256	19.303	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	179110	24.256	ug/l	92
77) Bromobenzene	11.25	156	122259	18.556	ug/l	98
78) n-propylbenzene	11.35	91	538755	20.057	ug/l	100
79) 2-Chlorotoluene	11.42	91	321400	19.684	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	397723	19.734	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	48134	18.399	ug/l	93
82) 4-Chlorotoluene	11.51	91	370133	19.542	ug/l	98
83) tert-Butylbenzene	11.76	119	382281	19.491	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	401412	19.888	ug/l	100
85) sec-Butylbenzene	11.94	105	464946	20.081	ug/l	100
86) p-Isopropyltoluene	12.06	119	422926	19.968	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	219608	19.018	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	214933	18.305	ug/l	98
89) n-Butylbenzene	12.39	91	358711	19.849	ug/l	100
90) Hexachloroethane	12.59	117	72822	19.142	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	219027	18.842	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32282	17.571	ug/l	99

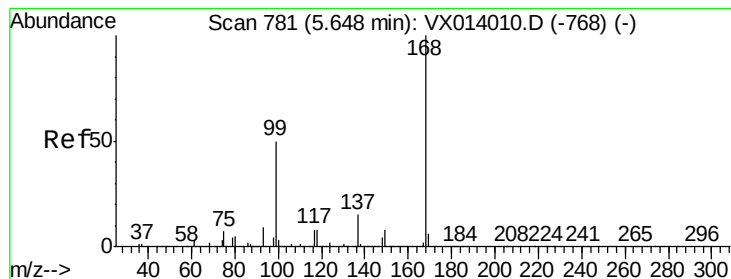
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	141527	18.732	ug/l	99
94) Hexachlorobutadiene	13.78	225	71572	19.711	ug/l	97
95) Naphthalene	13.83	128	416169	18.748	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	141974	19.036	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

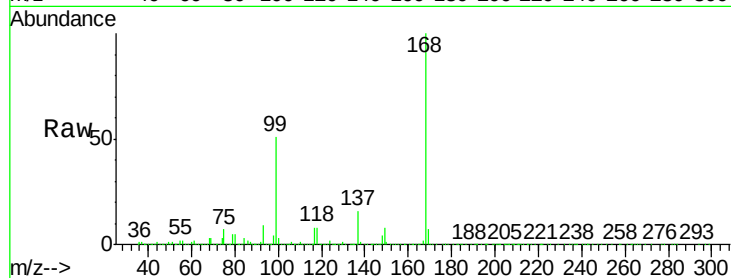
VX1230WBS02

Tot Ion:168 Resp: 511300

Ion Ratio Lower Upper

168 100

99 50.8 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

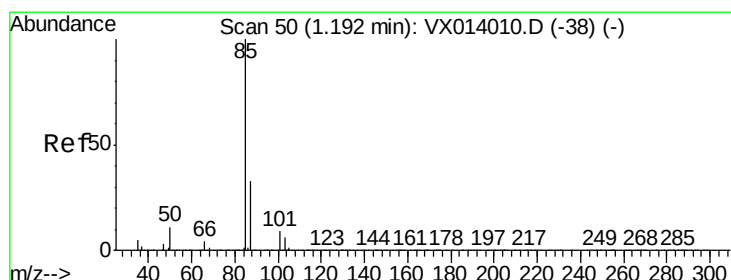
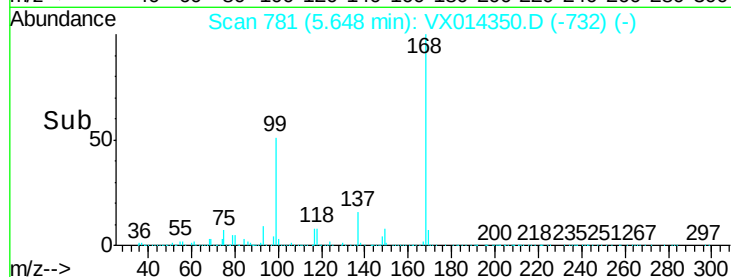
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.310 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014350.D

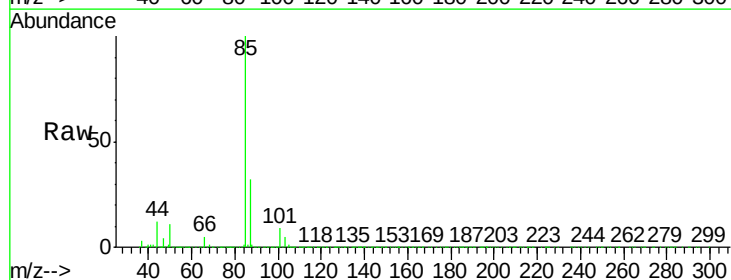
Acq: 30 Dec 2019 13:37

Tgt Ion: 85 Resp: 74604

Ion Ratio Lower Upper

85 100

87 31.5 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

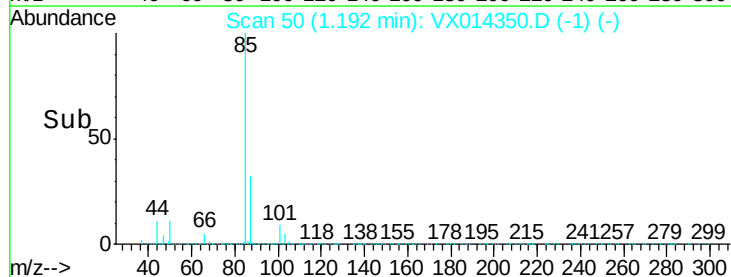
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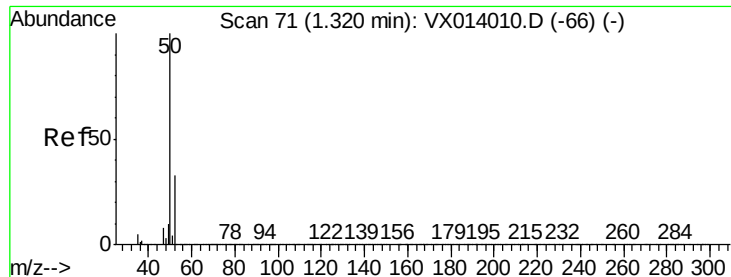
40000

20000

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Time-->





#3

Chloromethane

Concen: 17.384 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

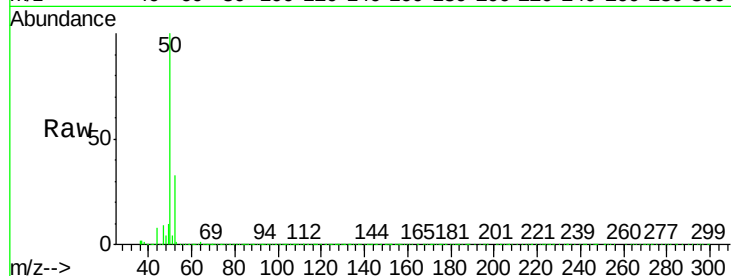
VX1230WBS02

Tot Ion: 50 Resp: 106714

Ion Ratio Lower Upper

50 100

52 32.6 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

120000

100000

80000

60000

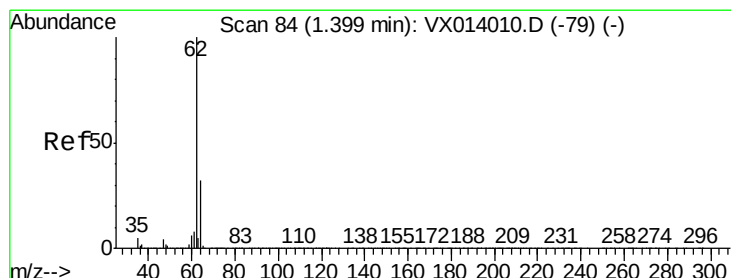
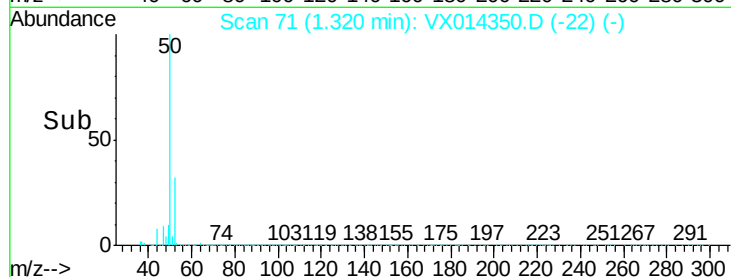
40000

20000

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Time-->

1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 17.514 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014350.D

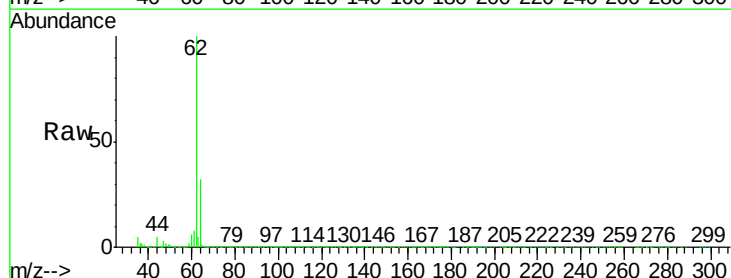
Acq: 30 Dec 2019 13:37

Tgt Ion: 62 Resp: 113447

Ion Ratio Lower Upper

62 100

64 31.6 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

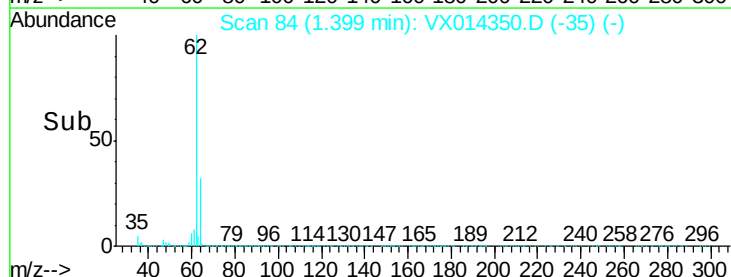
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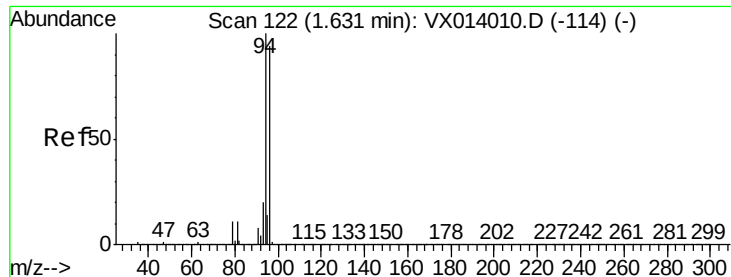
50000

0

Time-->

1.35 1.40 1.45





#5

Bromomethane

Concen: 15.169 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

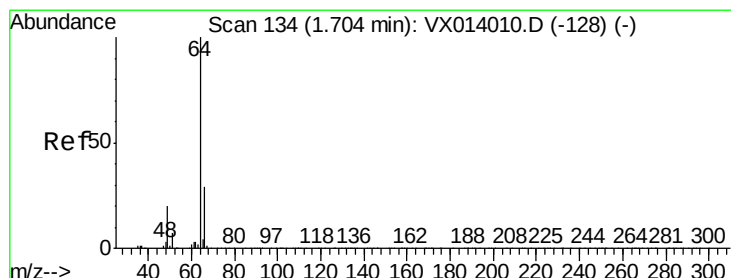
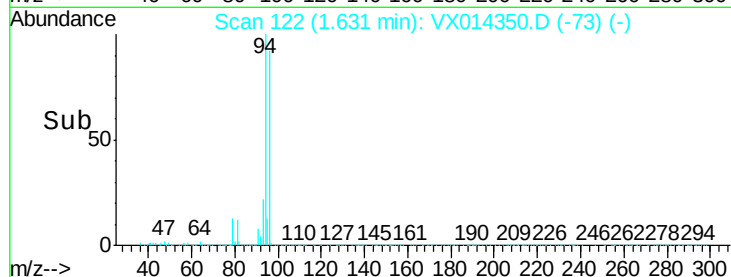
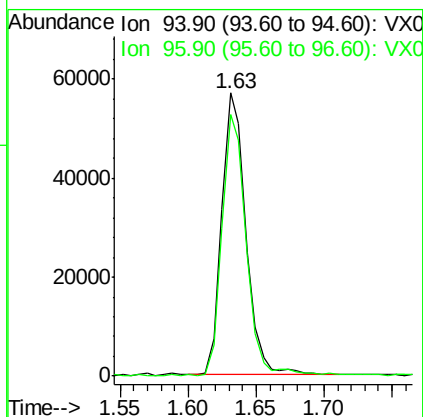
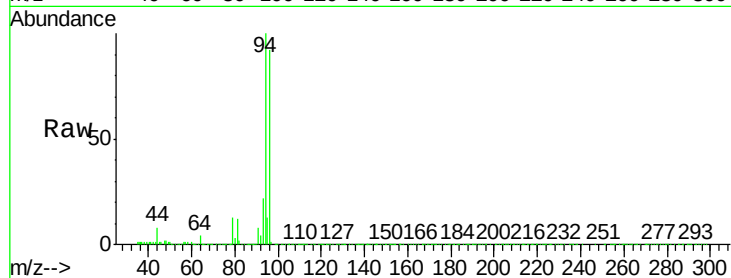
VX1230WBS02

Tot Ion: 94 Resp: 69736

Ion Ratio Lower Upper

94 100

96 92.3 75.2 112.8



#6

Chloroethane

Concen: 19.099 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014350.D

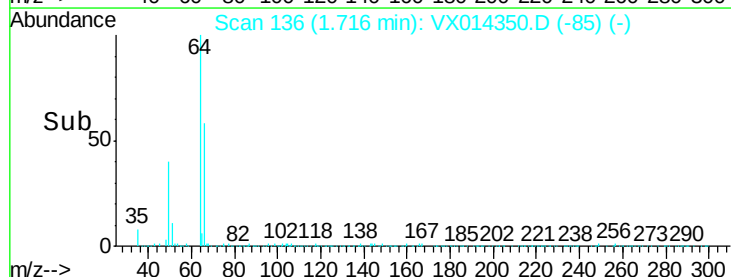
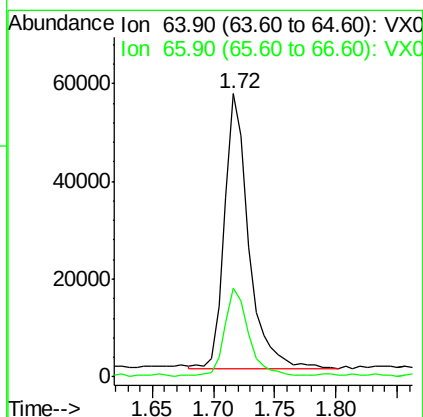
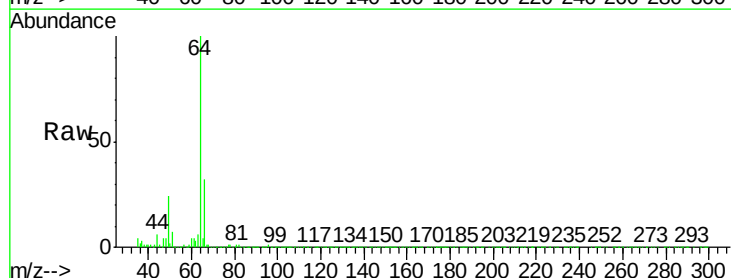
Acq: 30 Dec 2019 13:37

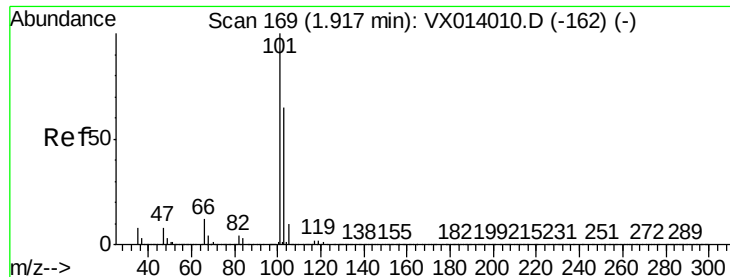
Tgt Ion: 64 Resp: 76353

Ion Ratio Lower Upper

64 100

66 31.9 23.4 35.2



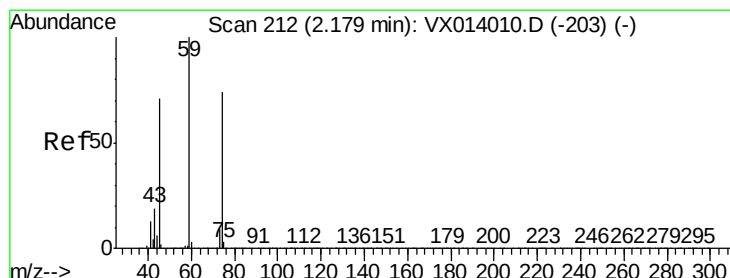
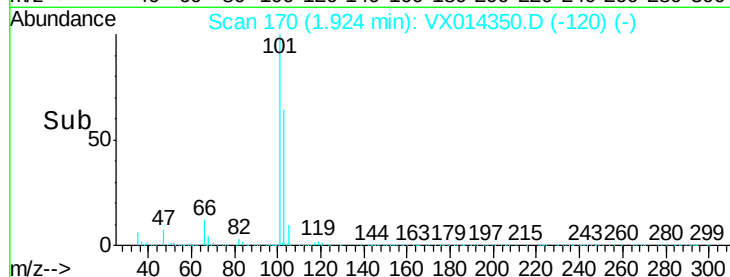
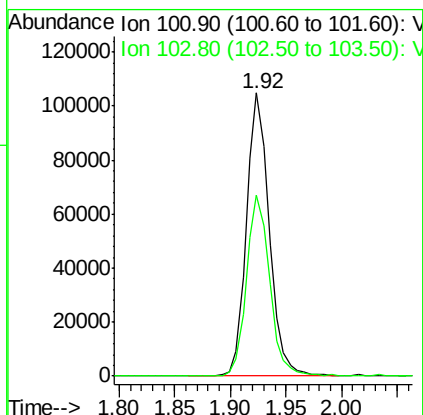
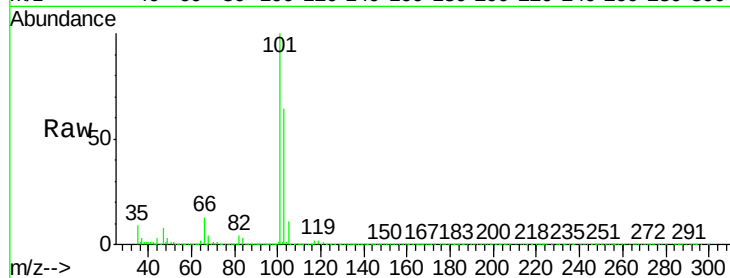


#7

Trichlorofluoromethane
Concen: 18.523 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014350.D
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VX1230WBS02

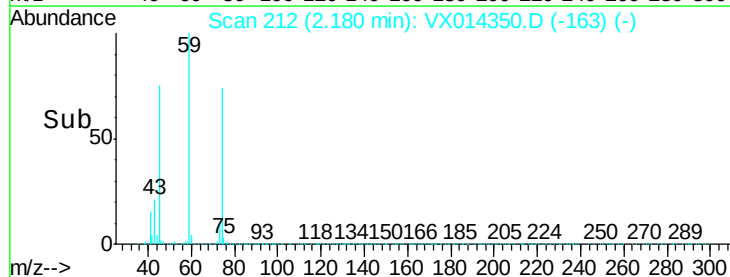
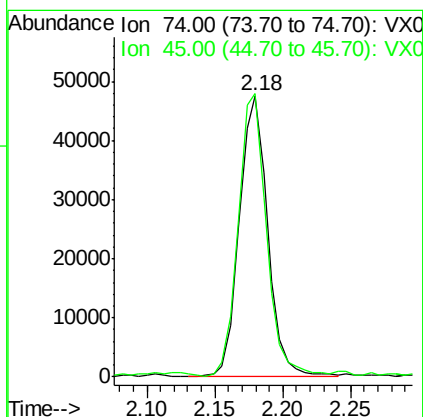
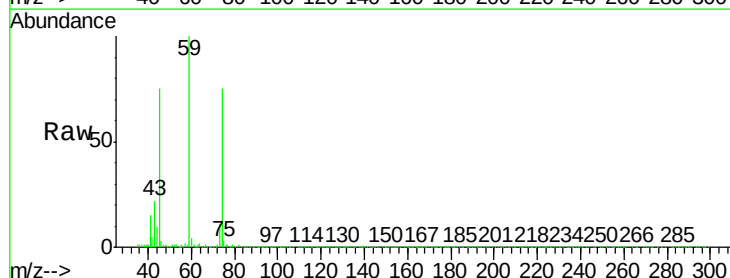
Tot Ion:101 Resp: 148524
Ion Ratio Lower Upper
101 100
103 63.8 52.2 78.4

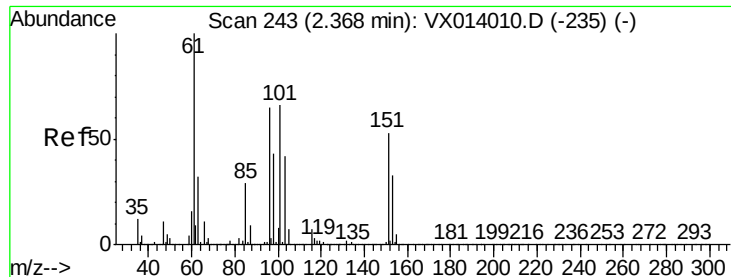


#8

Diethyl Ether
Concen: 18.153 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Tgt Ion: 74 Resp: 68313
Ion Ratio Lower Upper
74 100
45 102.4 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.144 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBS02

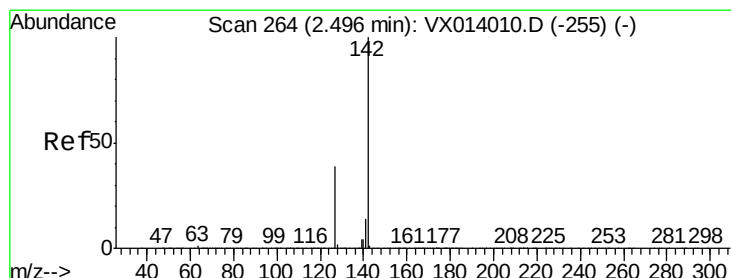
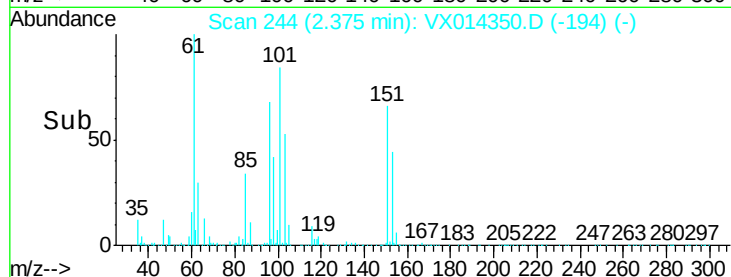
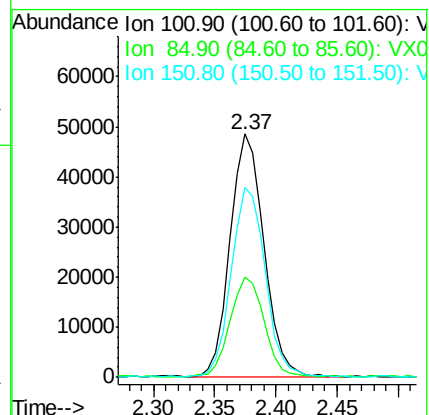
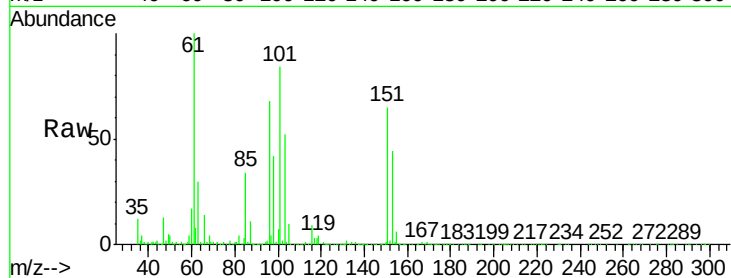
Tot Ion:101 Resp: 92531

Ion Ratio Lower Upper

101 100

85 41.2 33.7 50.5

151 78.7 64.5 96.7



#10

Methyl Iodide

Concen: 16.576 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

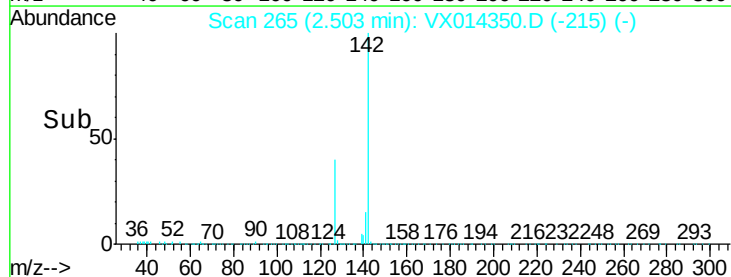
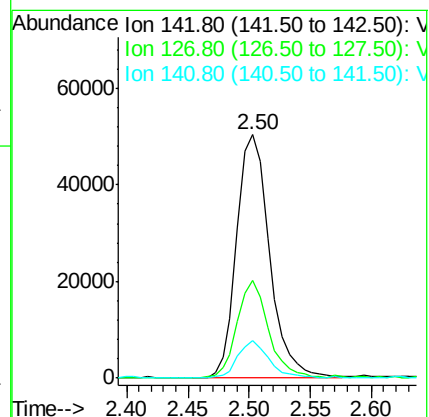
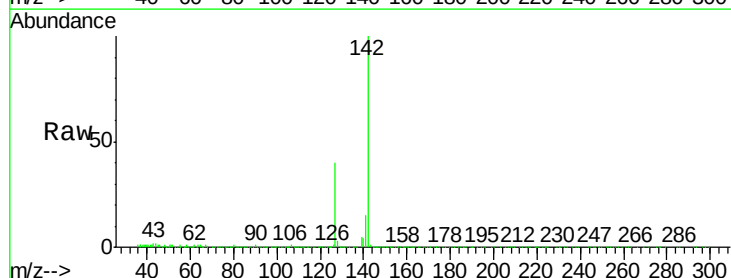
Tgt Ion:142 Resp: 93875

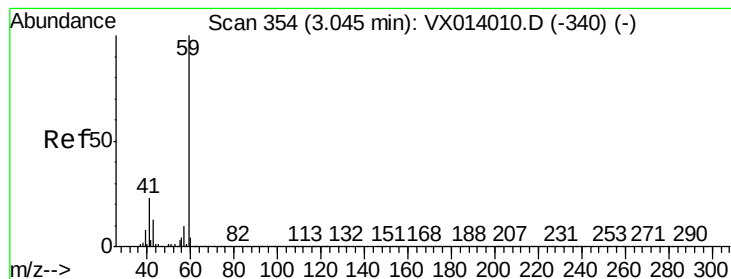
Ion Ratio Lower Upper

142 100

127 38.6 31.6 47.4

141 14.3 11.6 17.4



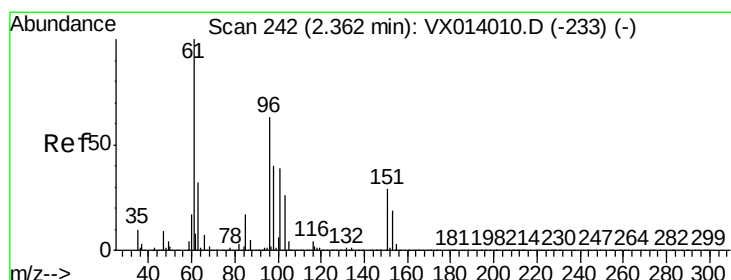
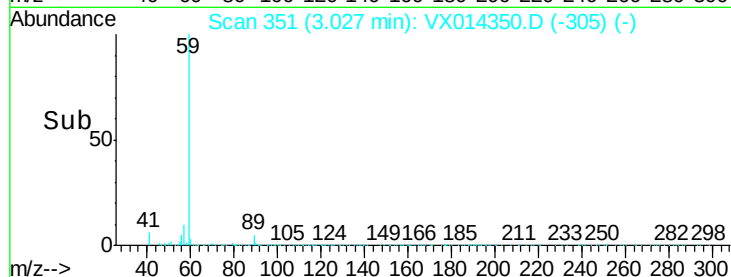
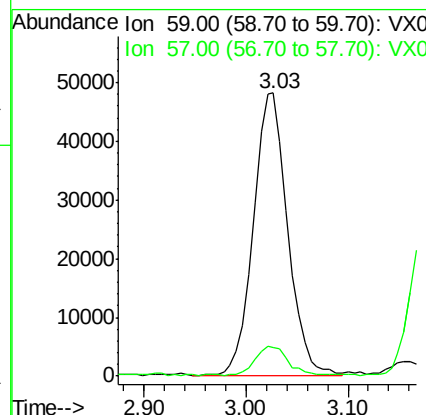
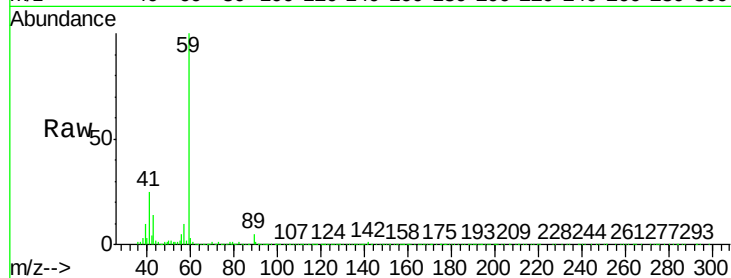


#11

Tert butyl alcohol
 Concen: 89.975 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.02 min
 Lab File: VX014350.D
 Acq: 30 Dec 2019 13:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1230WBS02

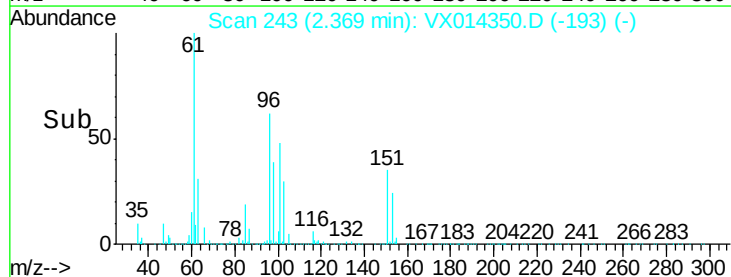
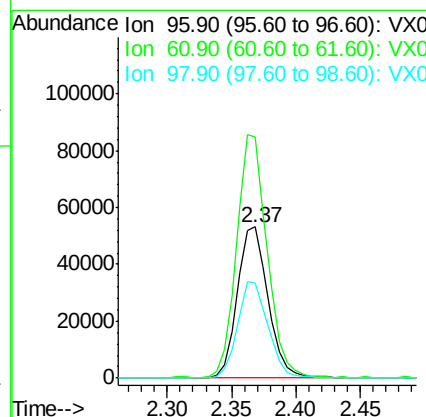
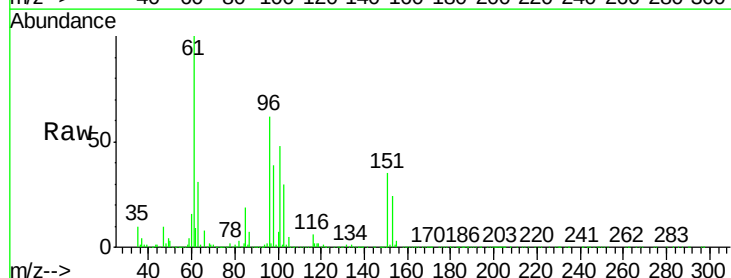
Tot Ion: 59 Resp: 112661
 Ion Ratio Lower Upper
 59 100
 57 9.6 8.4 12.6

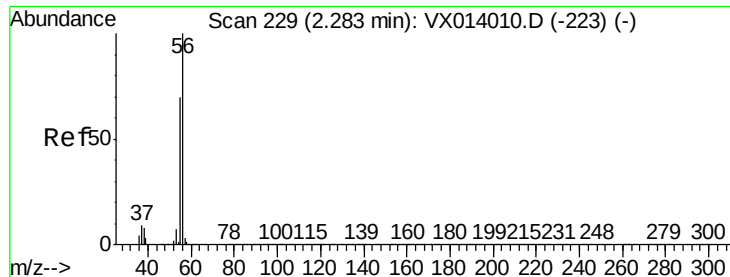


#12

1,1-Dichloroethene
 Concen: 17.863 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.01 min
 Lab File: VX014350.D
 Acq: 30 Dec 2019 13:37

Tgt Ion: 96 Resp: 87855
 Ion Ratio Lower Upper
 96 100
 61 160.3 127.9 191.9
 98 62.5 50.5 75.7

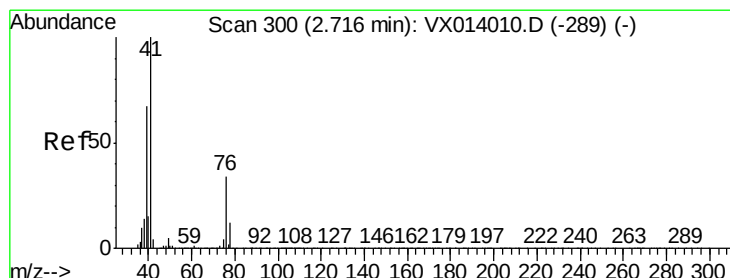
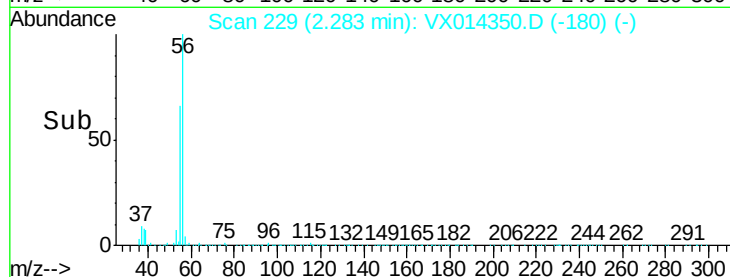
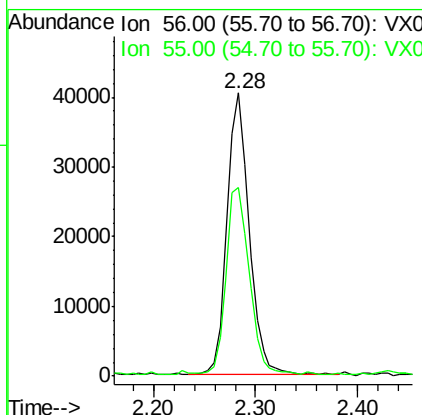
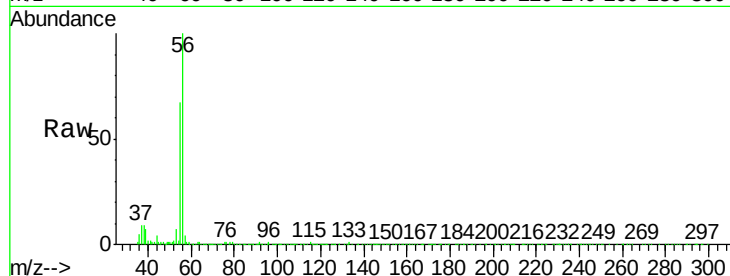




#13
Acrolein
Concen: 85.128 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

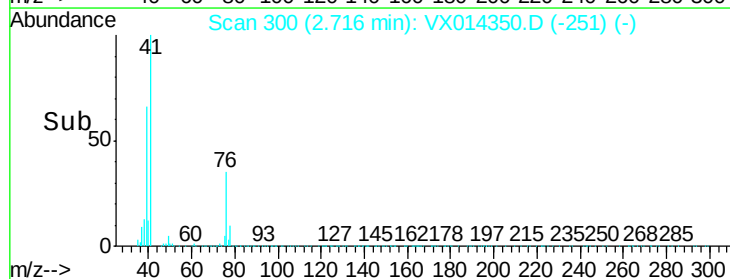
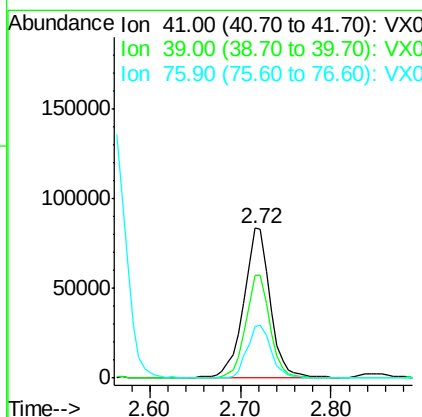
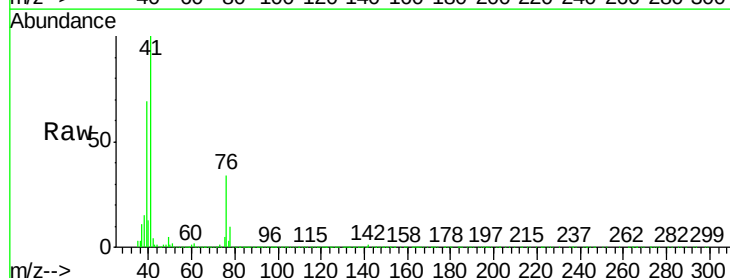
Instrument :
MSVOA_X
ClientSampleId :
VX1230WBS02

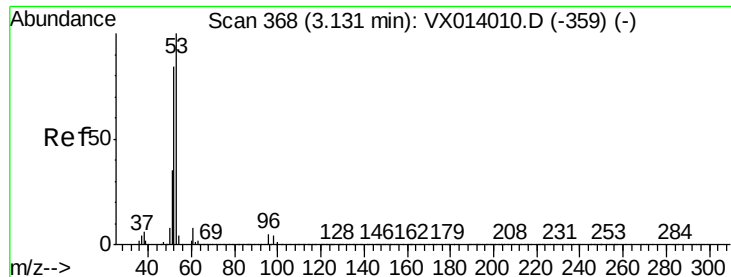
Tot Ion: 56 Resp: 61017
Ion Ratio Lower Upper
56 100
55 68.2 56.9 85.3



#14
Allyl chloride
Concen: 19.019 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Tgt Ion: 41 Resp: 167014
Ion Ratio Lower Upper
41 100
39 63.1 51.8 77.8
76 31.9 25.9 38.9





#15

Acrylonitrile

Concen: 96.978 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBS02

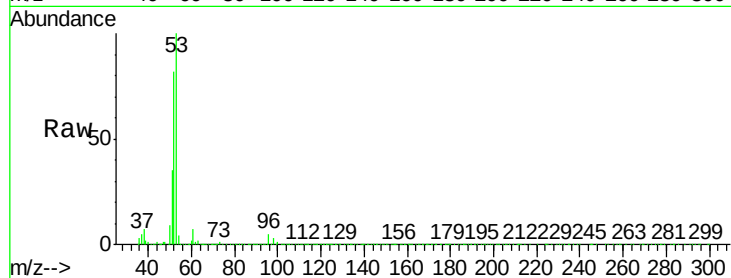
Tot Ion: 53 Resp: 283426

Ion Ratio Lower Upper

53 100

52 82.6 66.5 99.7

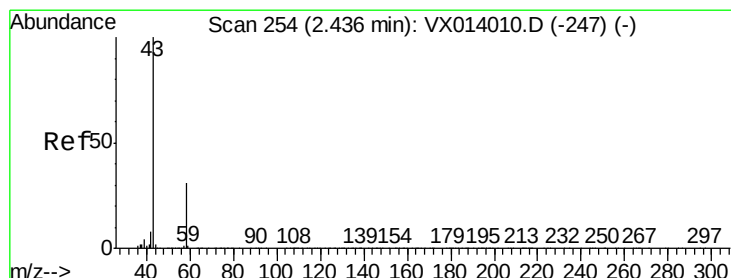
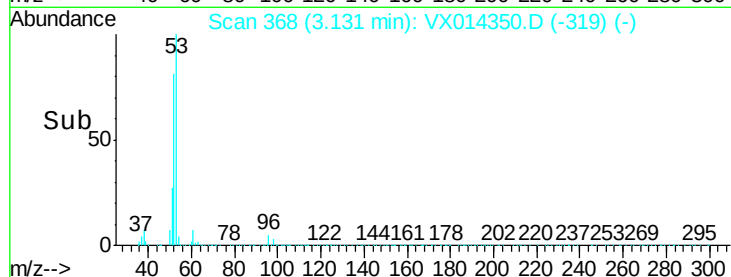
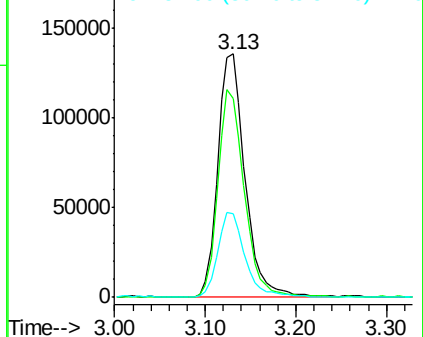
51 35.0 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 67.424 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014350.D

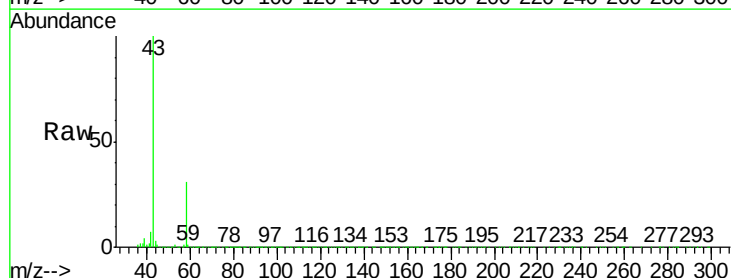
Acq: 30 Dec 2019 13:37

Tgt Ion: 43 Resp: 253658

Ion Ratio Lower Upper

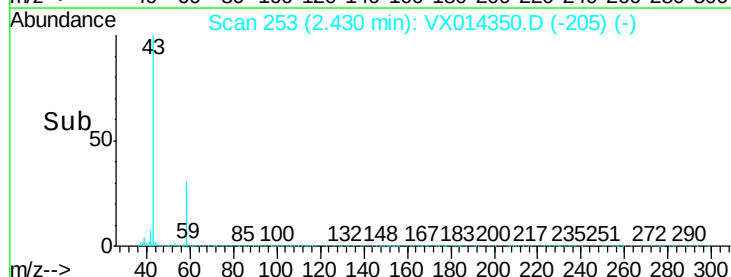
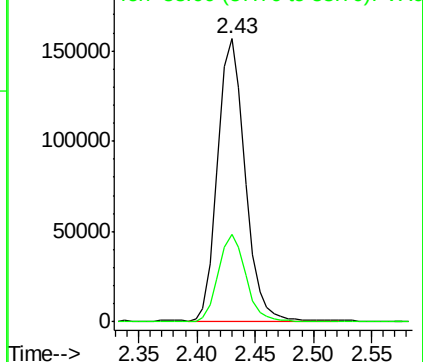
43 100

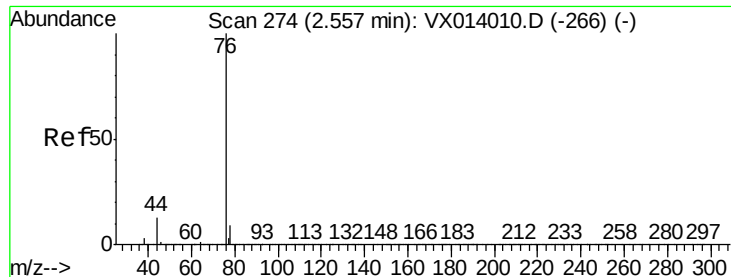
58 31.0 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

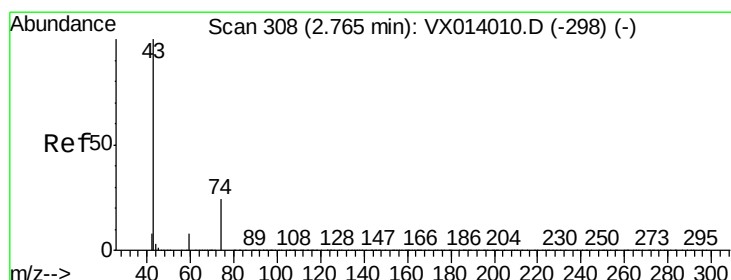
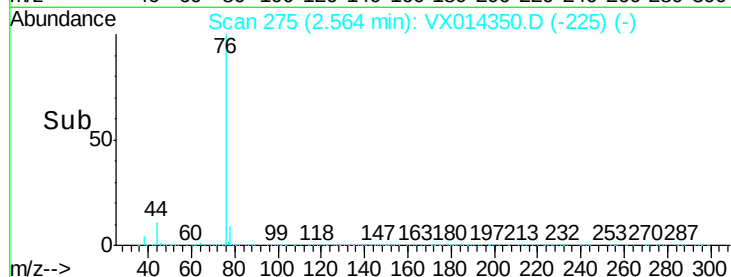
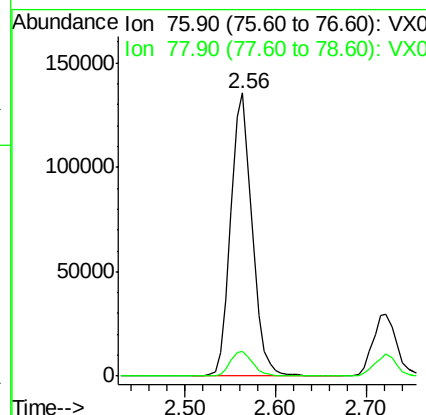
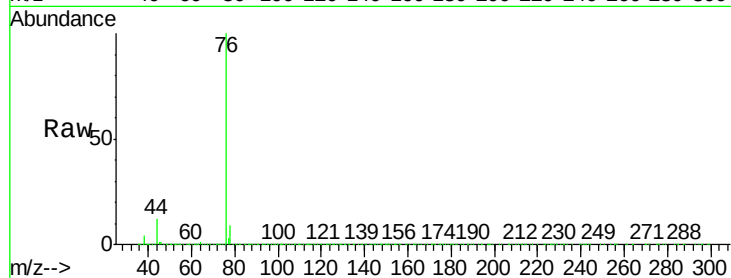




#17
Carbon Disulfide
Concen: 16.702 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

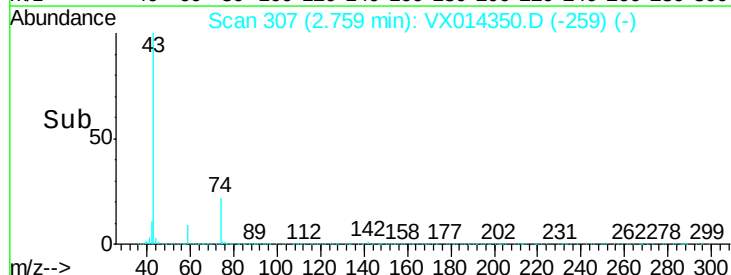
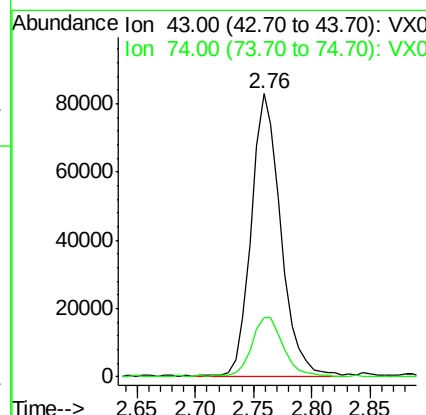
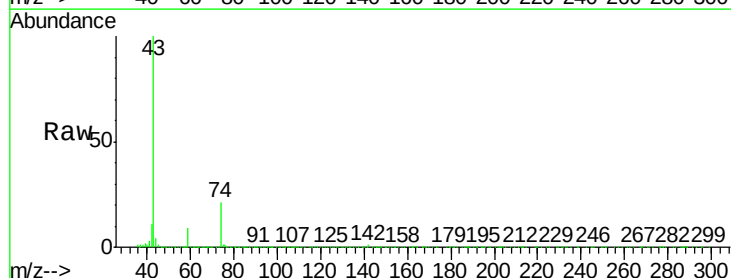
Instrument :
MSVOA_X
ClientSampleId :
VX1230WBS02

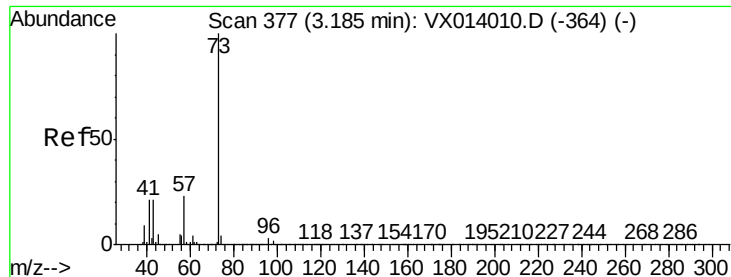
Tot Ion: 76 Resp: 221128
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#18
Methyl Acetate
Concen: 19.574 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Tgt Ion: 43 Resp: 145919
Ion Ratio Lower Upper
43 100
74 22.7 19.5 29.3

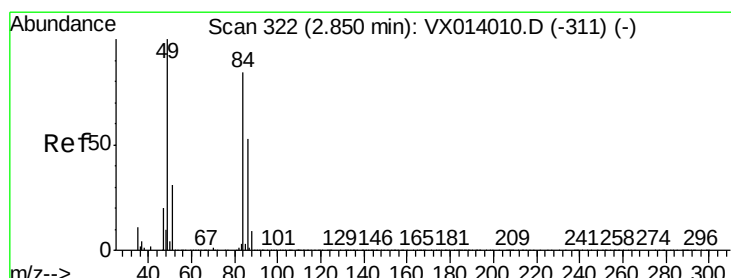
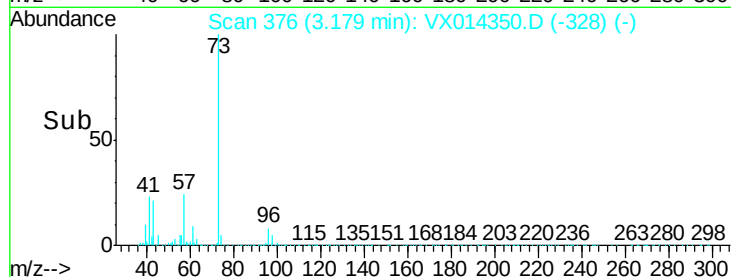
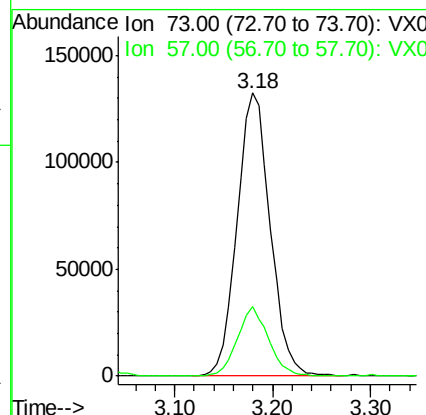
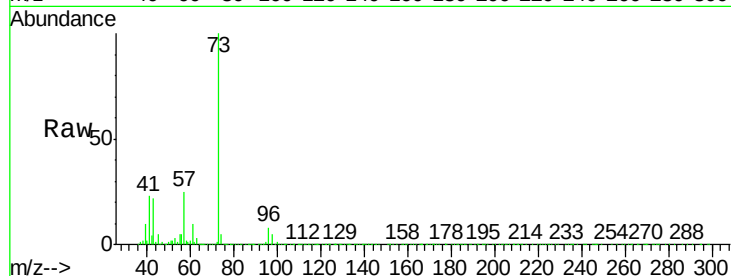




#19
Methyl tert-butyl Ether
Concen: 19.172 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

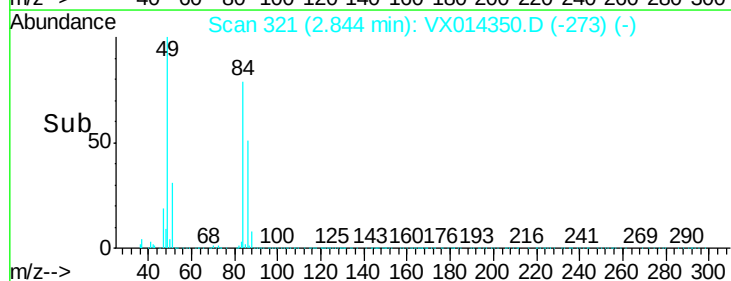
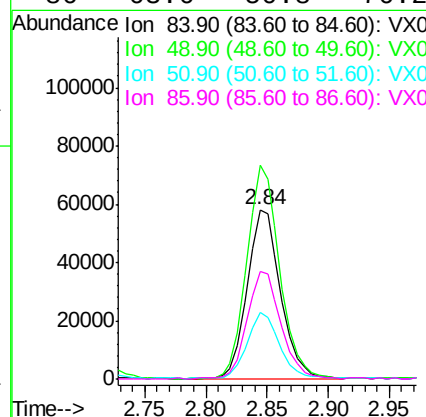
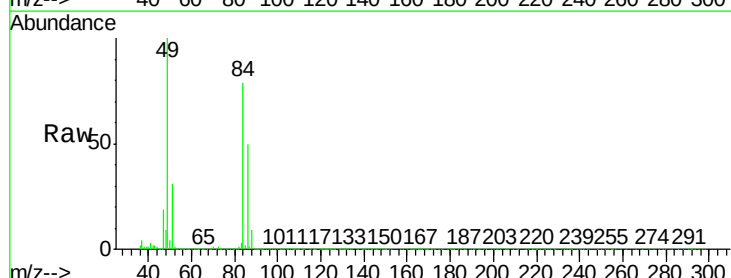
Instrument :
MSVOA_X
ClientSampleId :
VX1230WBS02

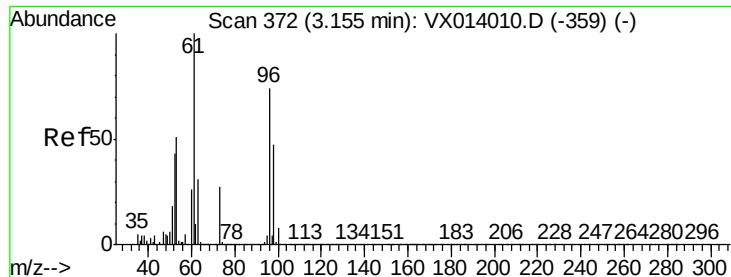
Tot Ion: 73 Resp: 309851
Ion Ratio Lower Upper
73 100
57 24.3 18.8 28.2



#20
Methylene Chloride
Concen: 18.638 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Tgt Ion: 84 Resp: 110418
Ion Ratio Lower Upper
84 100
49 126.0 95.8 143.6
51 38.9 29.8 44.8
86 63.6 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 17.838 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBS02

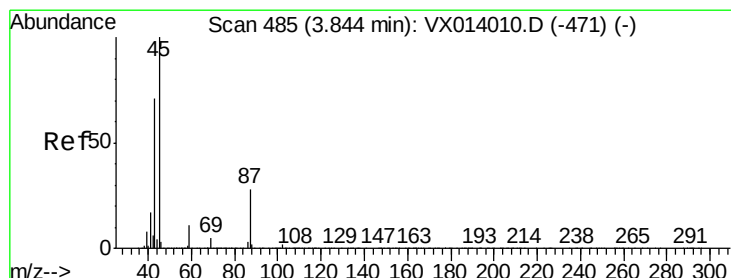
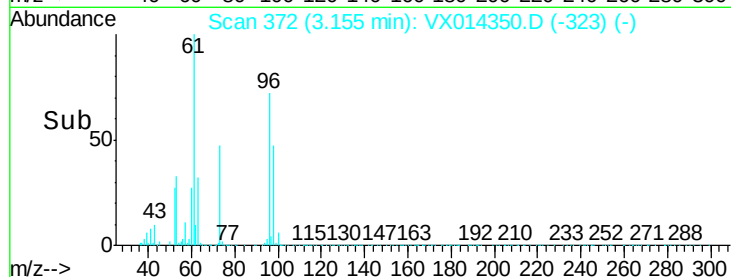
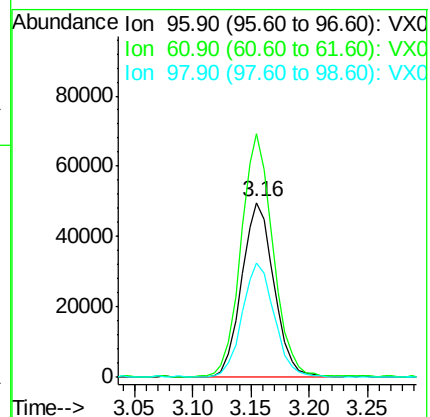
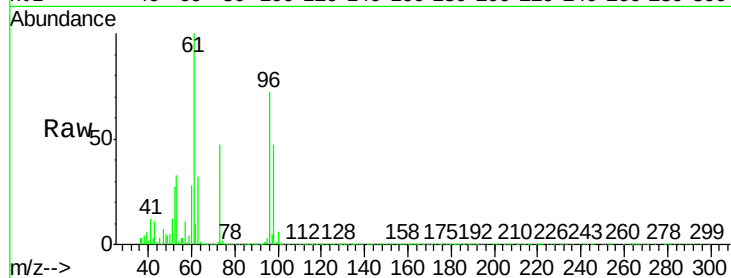
Tot Ion: 96 Resp: 96654

Ion Ratio Lower Upper

96 100

61 139.0 108.3 162.5

98 64.5 50.8 76.2



#22

Diisopropyl ether

Concen: 20.122 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Tgt Ion: 45 Resp: 352133

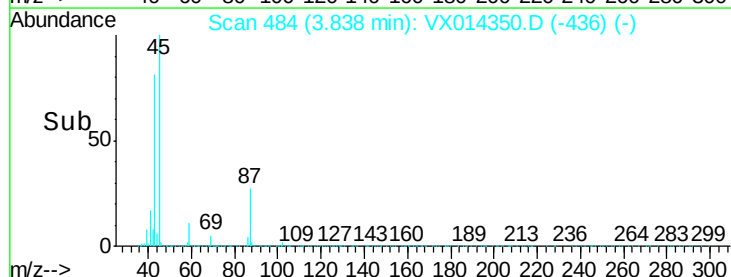
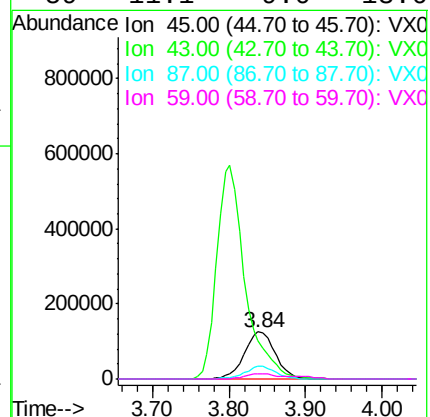
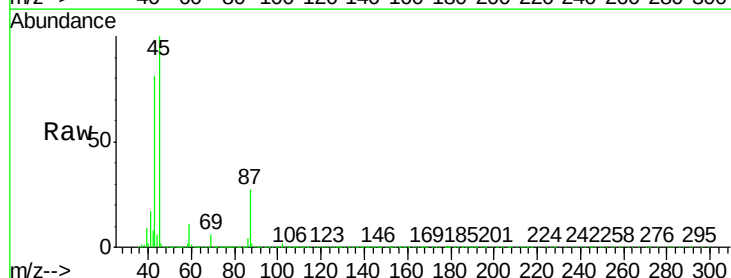
Ion Ratio Lower Upper

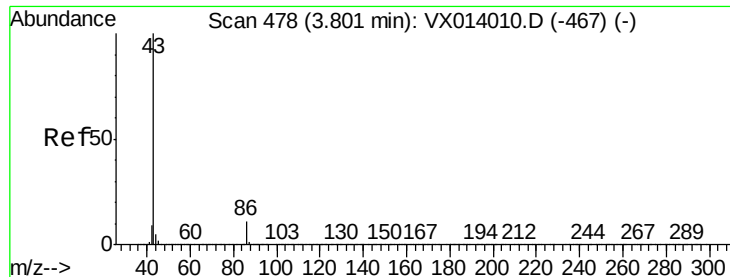
45 100

43 80.2 57.4 86.0

87 26.6 21.9 32.9

59 11.1 9.0 13.6





#23

Vinyl Acetate

Concen: 102.824 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

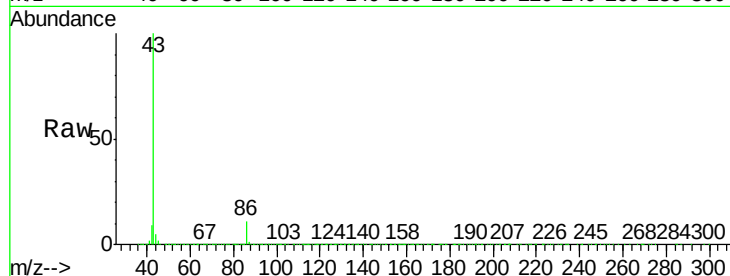
VX1230WBS02

Tot Ion: 43 Resp: 1468391

Ion Ratio Lower Upper

43 100

86 10.7 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

600000

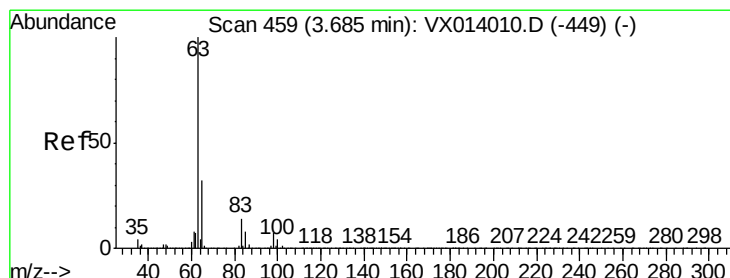
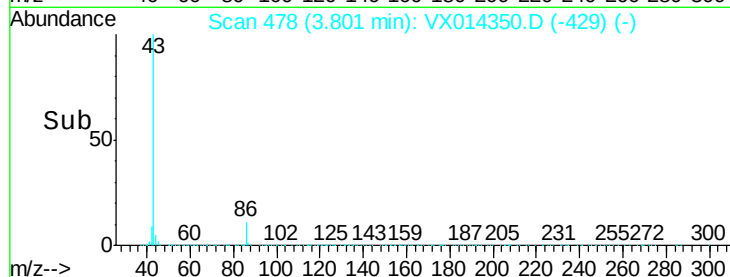
400000

200000

0

Time-->

3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 18.802 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

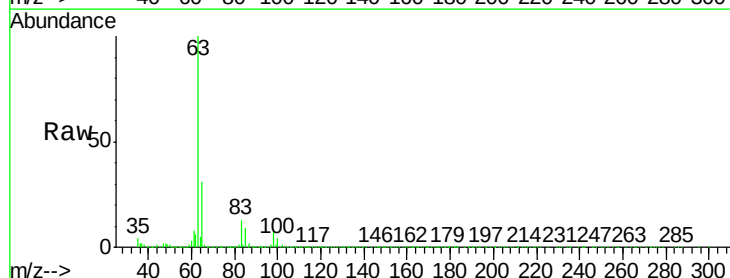
Tgt Ion: 63 Resp: 183055

Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.8

100 4.3 2.3 6.8



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

100000

80000

60000

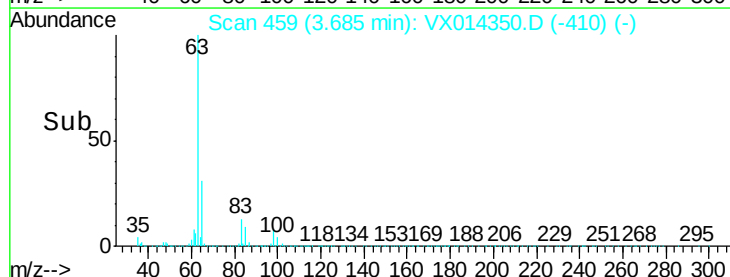
40000

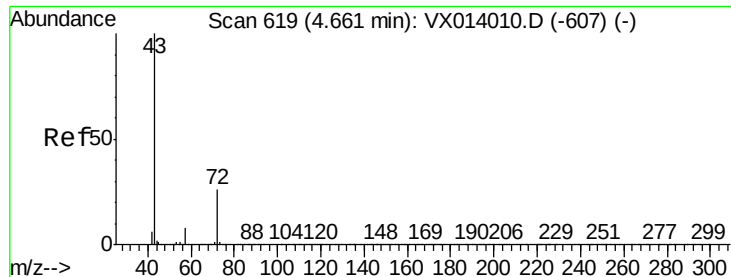
20000

0

Time-->

3.60 3.70 3.80





#25

2-Butanone

Concen: 84.468 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

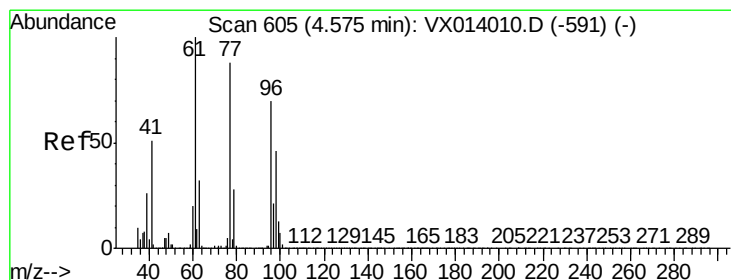
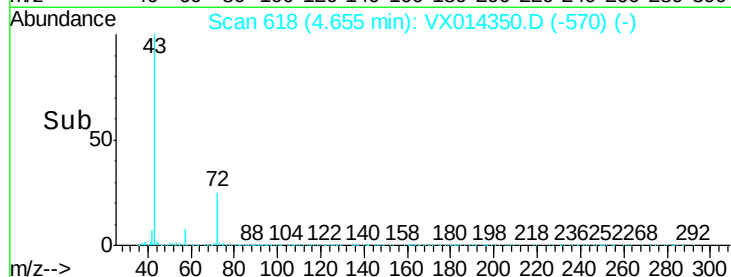
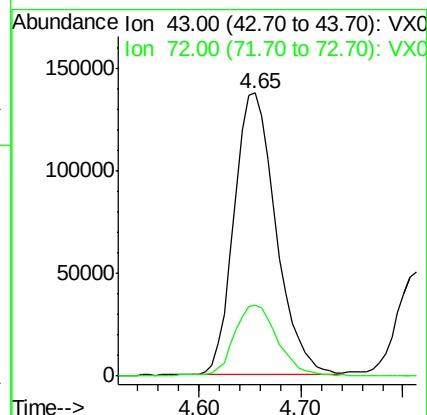
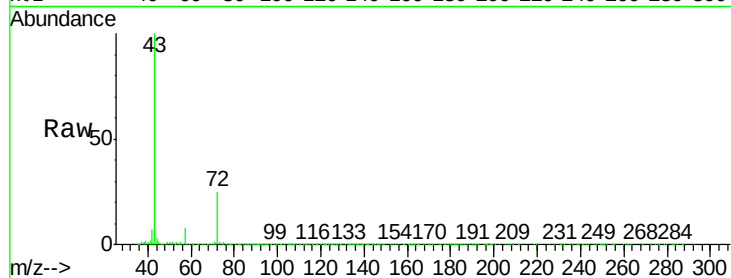
VX1230WBS02

Tot Ion: 43 Resp: 391786

Ion Ratio Lower Upper

43 100

72 24.8 21.0 31.4



#26

2,2-Dichloropropane

Concen: 18.969 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014350.D

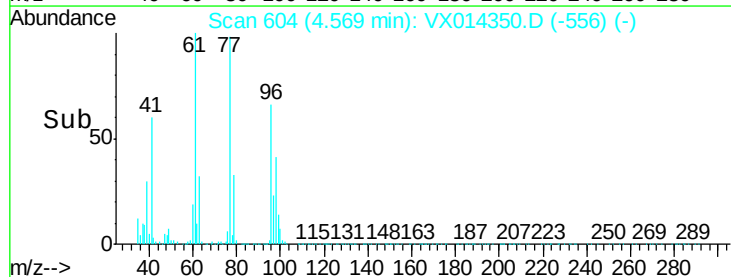
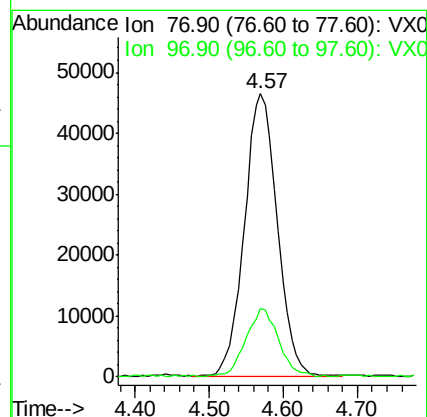
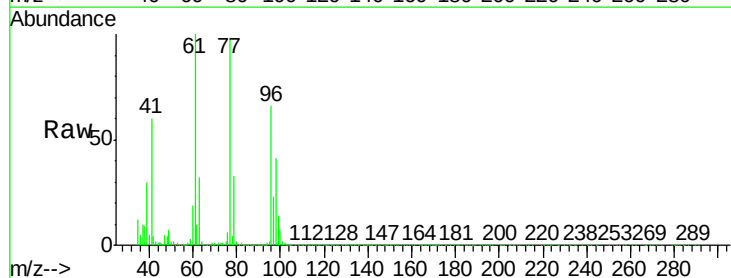
Acq: 30 Dec 2019 13:37

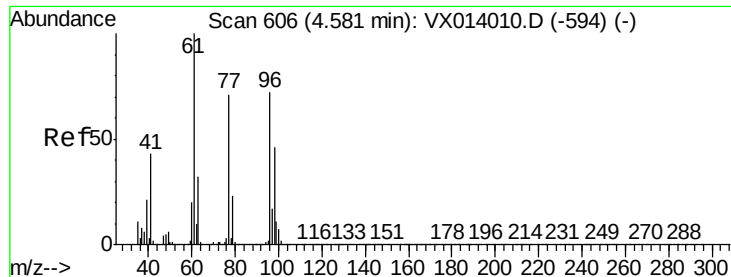
Tgt Ion: 77 Resp: 143388

Ion Ratio Lower Upper

77 100

97 23.8 11.9 35.9



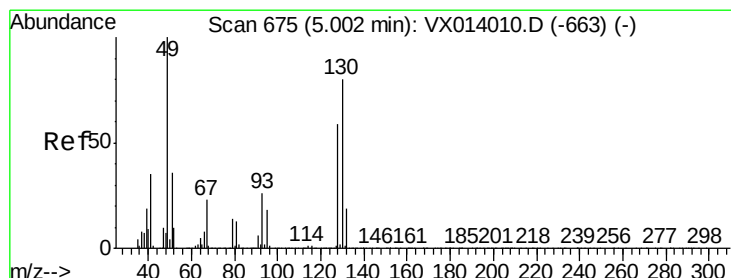
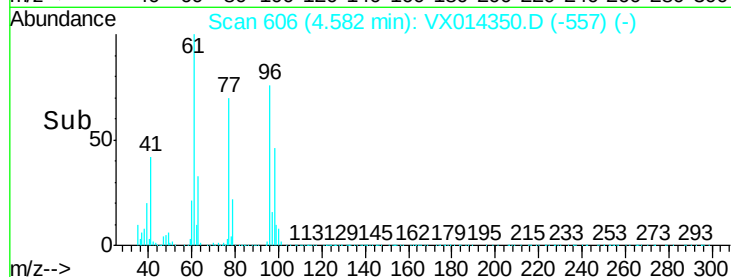
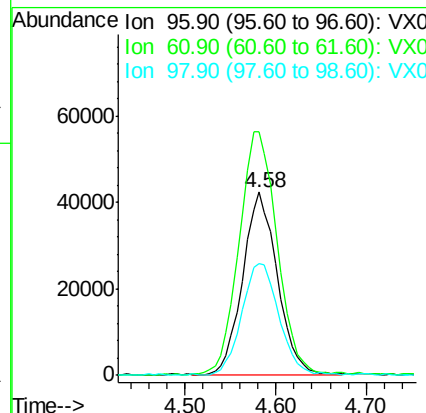
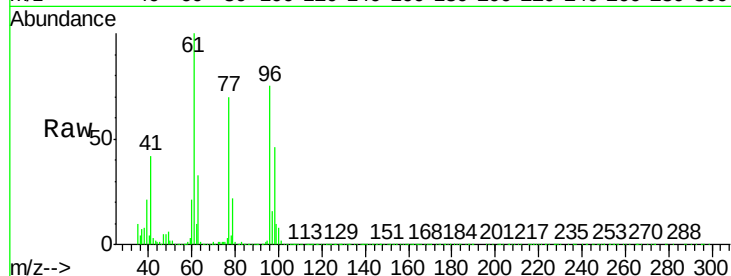


#27

cis-1,2-Dichloroethene
 Concen: 18.303 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VX014350.D
 Acq: 30 Dec 2019 13:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1230WBS02

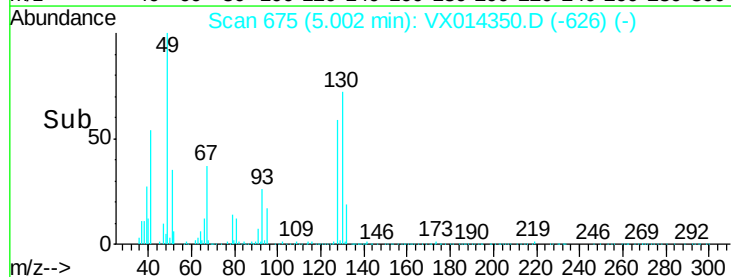
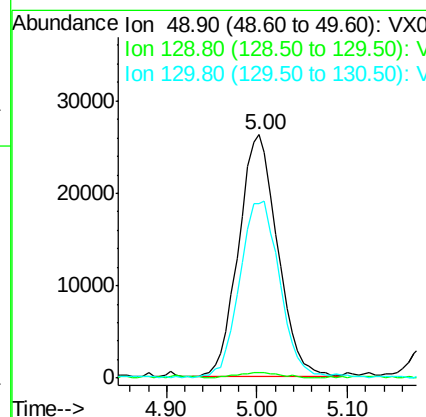
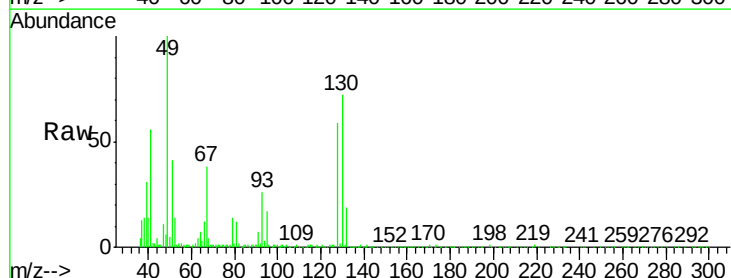
Tot Ion	Ratio	Lower	Upper
96	100		
61	145.4	0.0	288.4
98	66.1	0.0	129.6

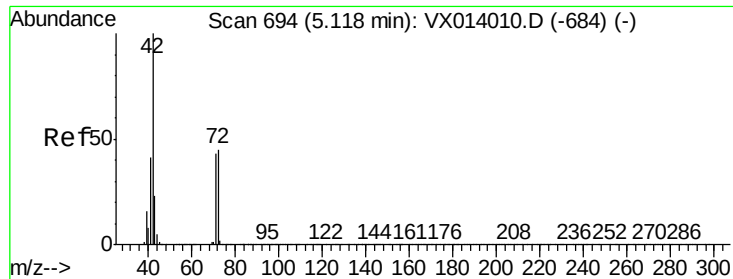


#28

Bromochloromethane
 Concen: 21.068 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX014350.D
 Acq: 30 Dec 2019 13:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.0
130	75.4	64.6	97.0

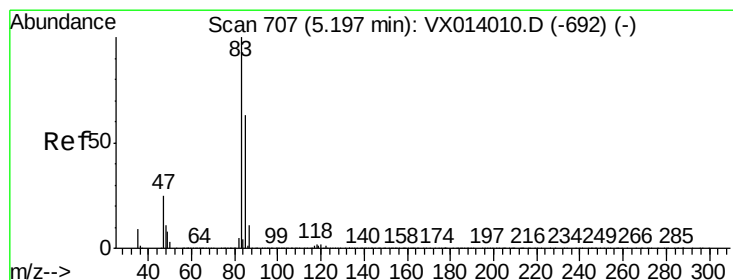
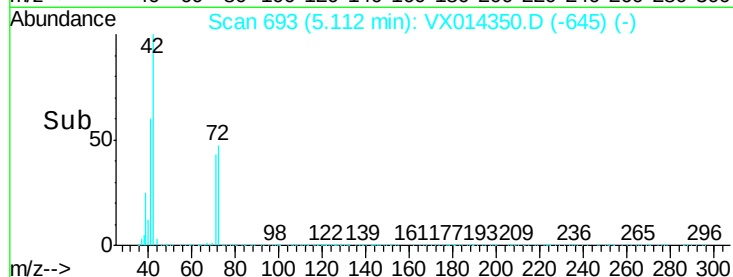
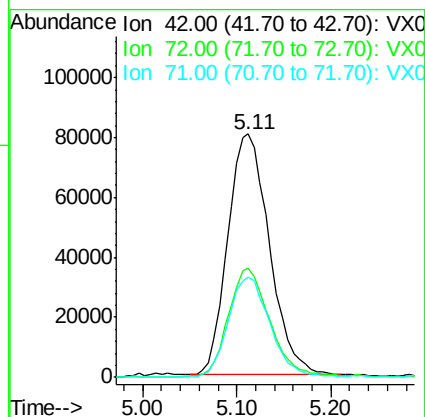
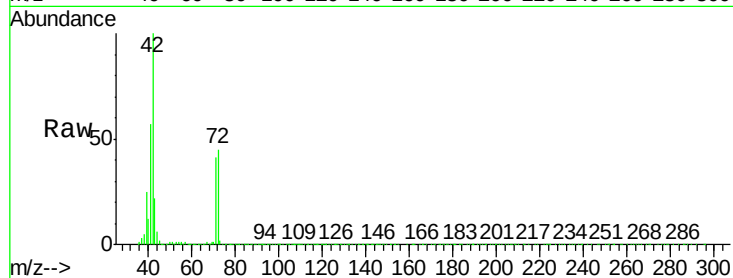




#29
Tetrahydrofuran
Concen: 95.355 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

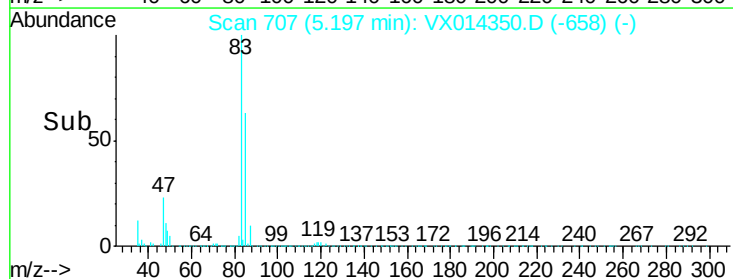
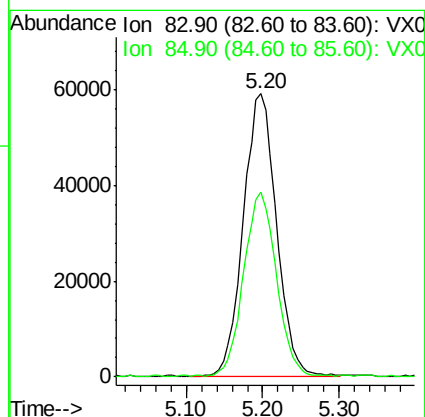
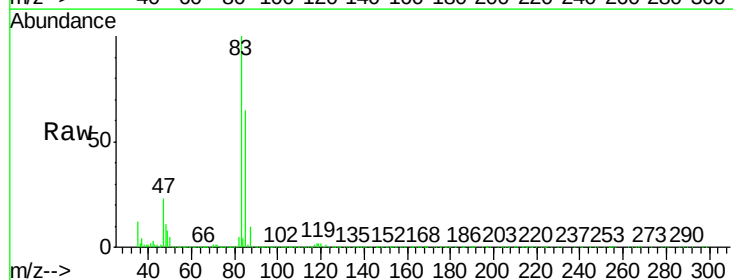
Instrument :
MSVOA_X
ClientSampleId :
VX1230WBS02

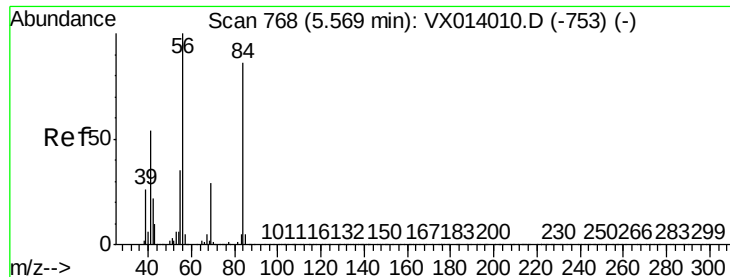
Tot Ion: 42 Resp: 247379
Ion Ratio Lower Upper
42 100
72 45.5 35.8 53.8
71 41.5 33.6 50.4



#30
Chloroform
Concen: 19.460 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Tgt Ion: 83 Resp: 179604
Ion Ratio Lower Upper
83 100
85 65.0 50.8 76.2

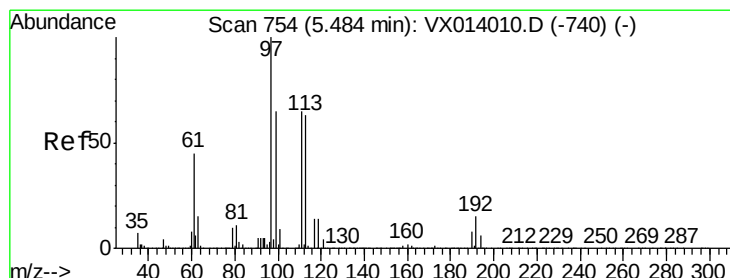
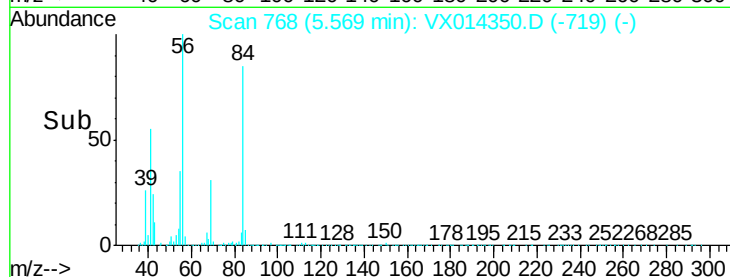
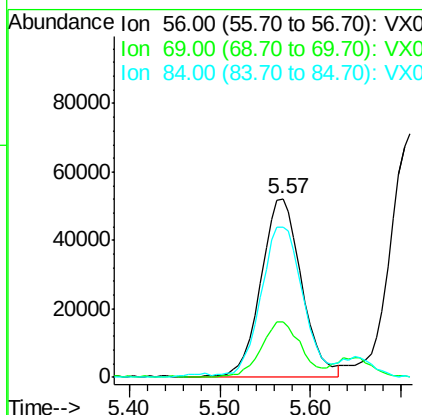
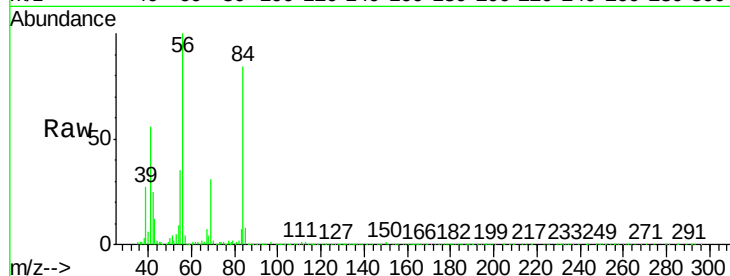




#31
Cyclohexane
Concen: 18.581 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

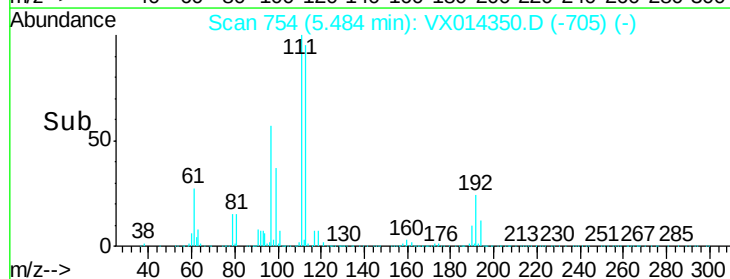
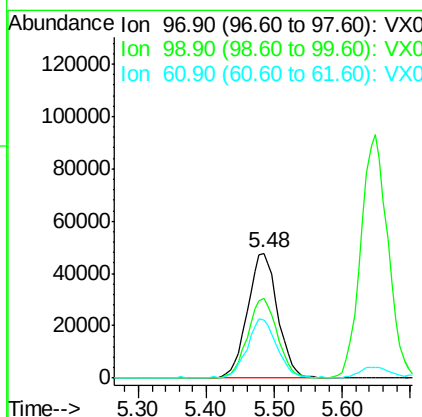
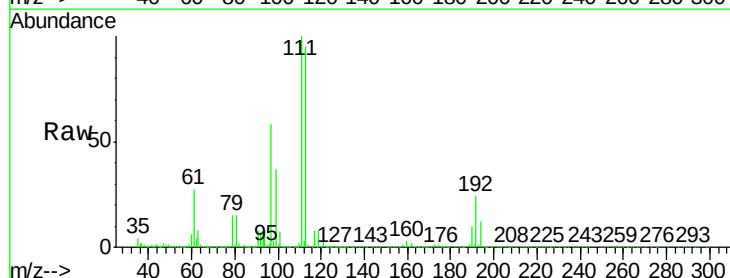
Instrument :
MSVOA_X
ClientSampleId :
VX1230WBS02

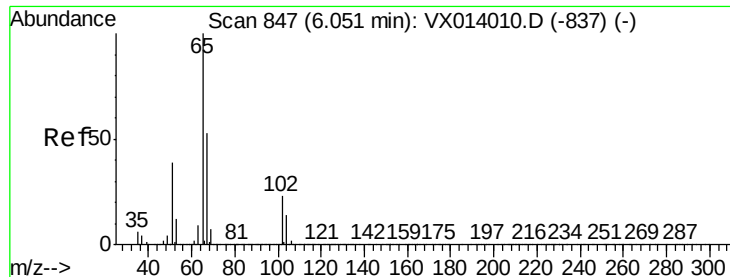
Tot Ion: 56 Resp: 160898
Ion Ratio Lower Upper
56 100
69 30.5 23.2 34.8
84 83.2 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 18.766 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Tgt Ion: 97 Resp: 147619
Ion Ratio Lower Upper
97 100
99 62.5 52.0 78.0
61 46.9 36.7 55.1





#33

1,2-Dichloroethane-d4

Concen: 48.236 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

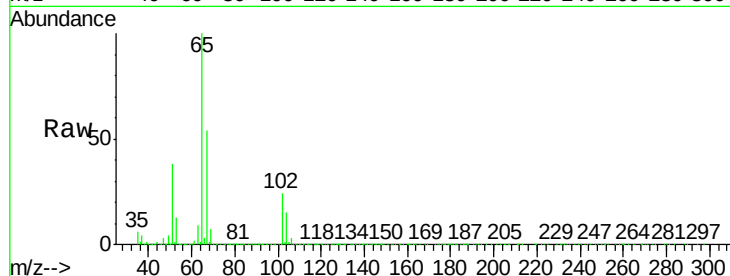
VX1230WBS02

Tot Ion: 65 Resp: 279521

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

120000

100000

80000

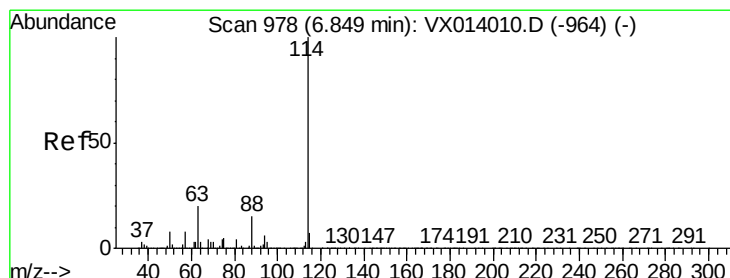
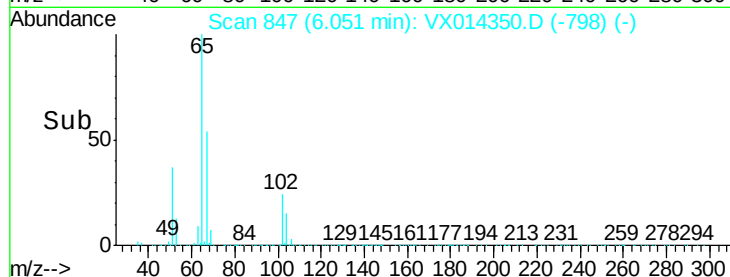
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

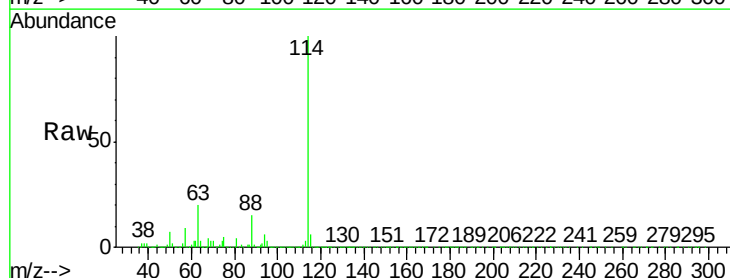
Tgt Ion: 114 Resp: 778289

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

88 15.1 0.0 30.4



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

6.85

400000

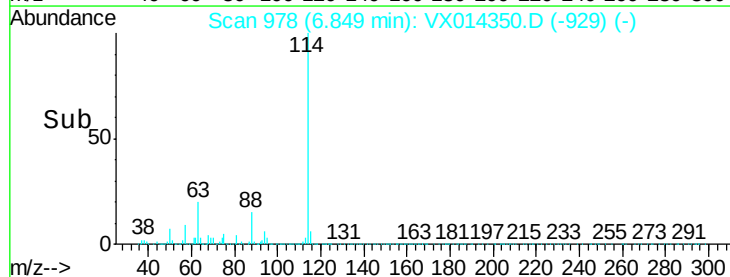
300000

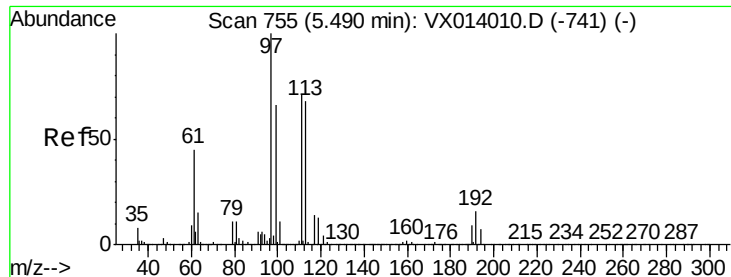
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 48.831 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBS02

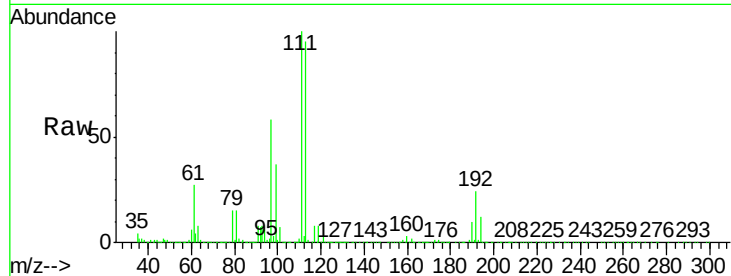
Tot Ion:113 Resp: 231028

Ion Ratio Lower Upper

113 100

111 102.3 82.0 123.0

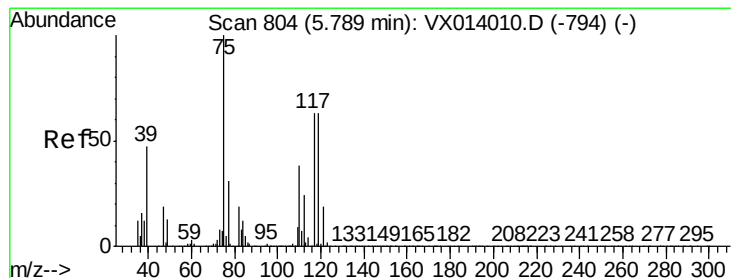
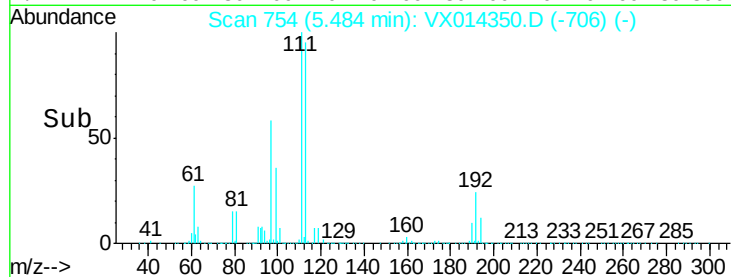
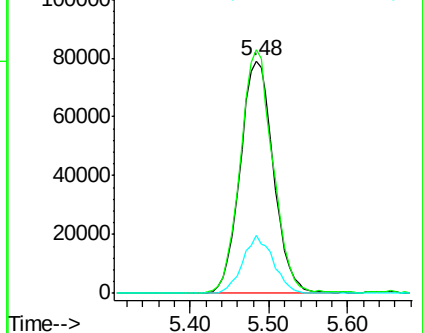
192 22.9 19.3 28.9



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: 18.443 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

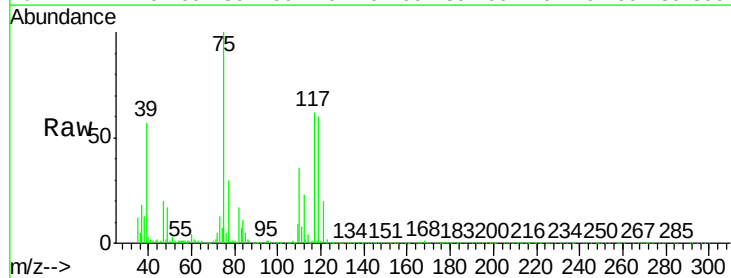
Tgt Ion: 75 Resp: 131703

Ion Ratio Lower Upper

75 100

110 36.4 18.3 54.9

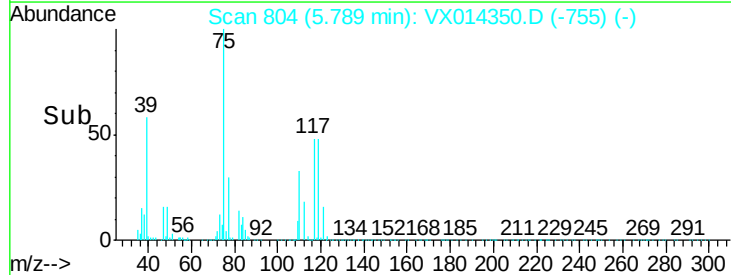
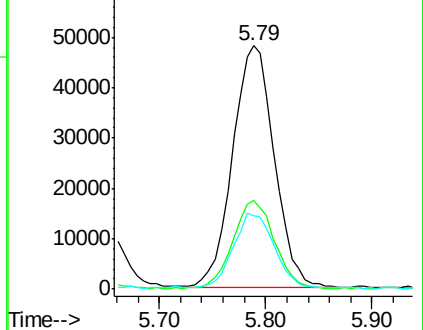
77 30.3 24.8 37.2

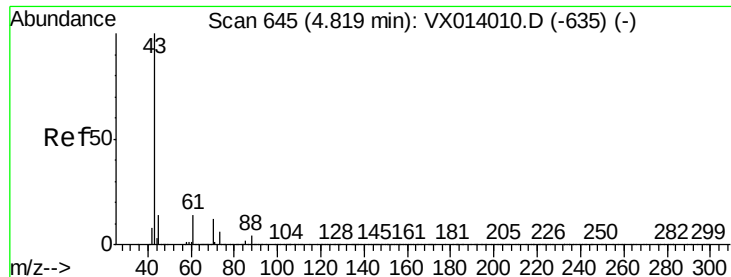


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

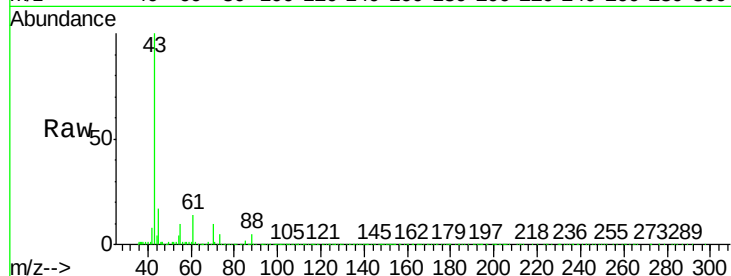




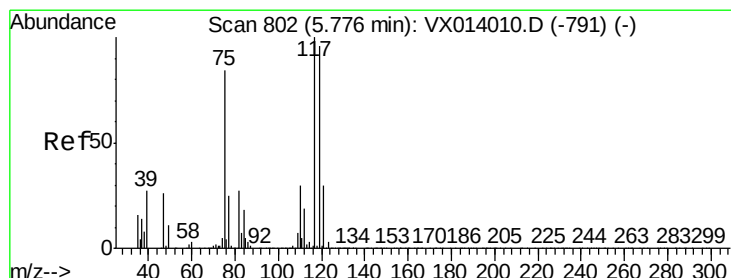
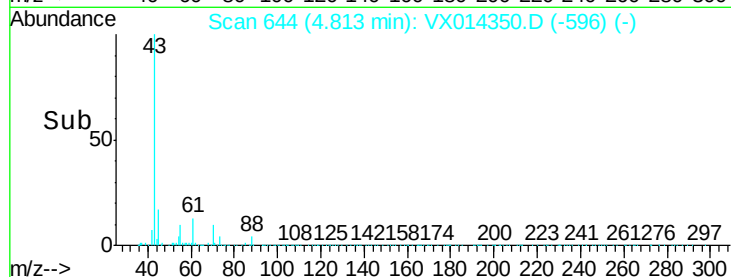
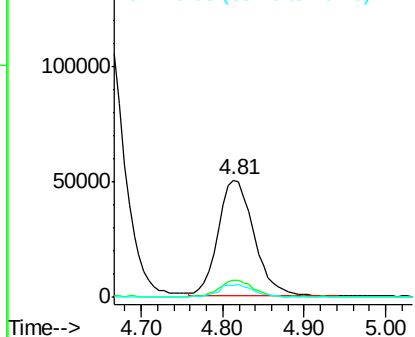
#37
Ethyl Acetate
Concen: 19.574 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBS02

Tot Ion	43	Resp	154358
Ion Ratio	Lower	Upper	
43	100		
61	13.3	10.8	16.2
70	10.4	8.6	12.8

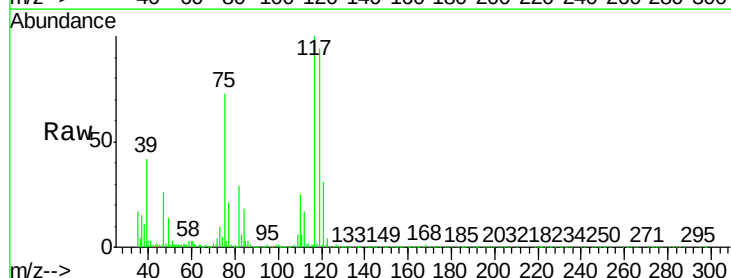


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

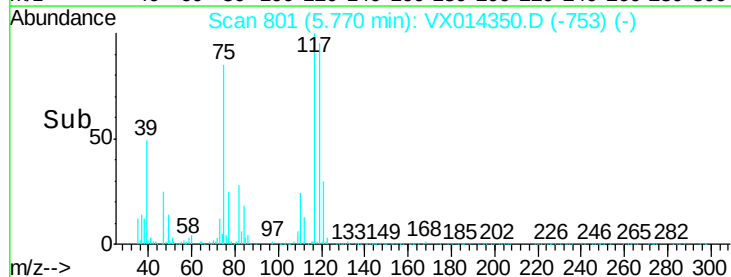
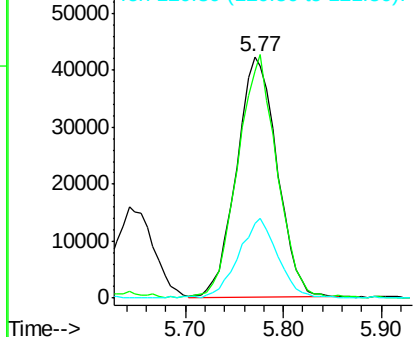


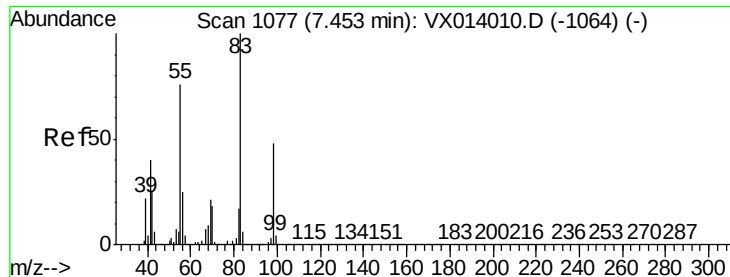
#38
Carbon Tetrachloride
Concen: 18.586 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Tgt Ion	117	Resp	120916
Ion Ratio	Lower	Upper	
117	100		
119	93.9	76.2	114.4
121	30.6	23.6	35.4



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

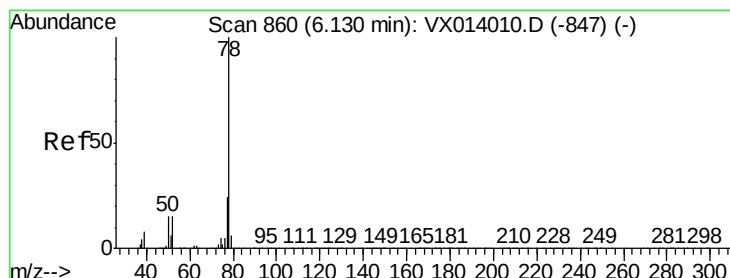
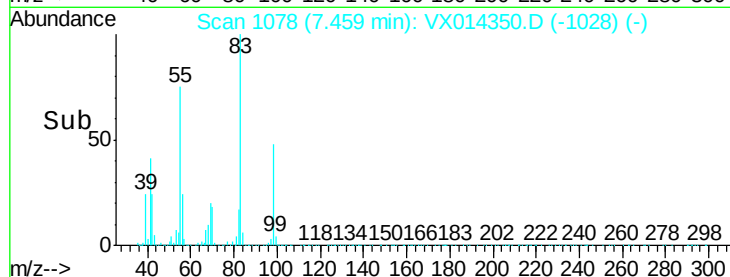
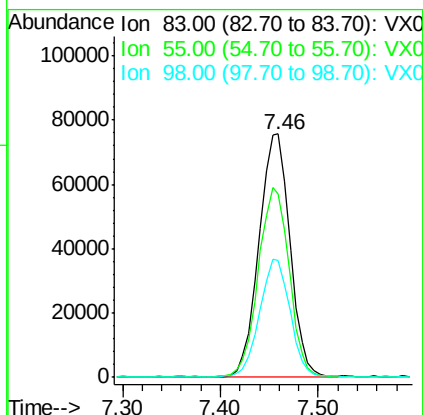
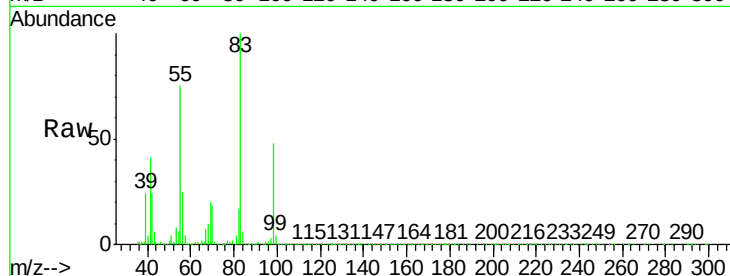




#39
Methylvlcyclohexane
Concen: 18.850 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

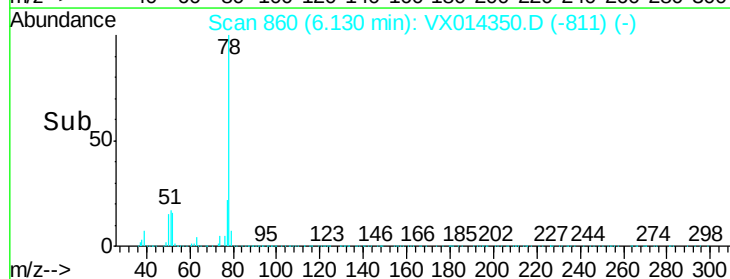
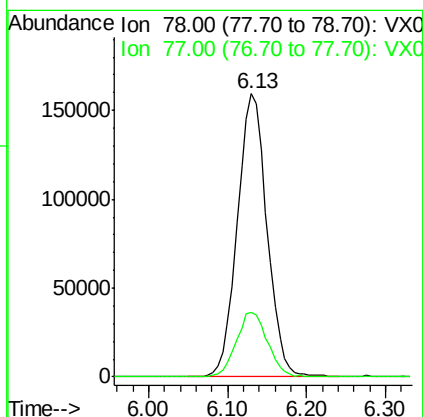
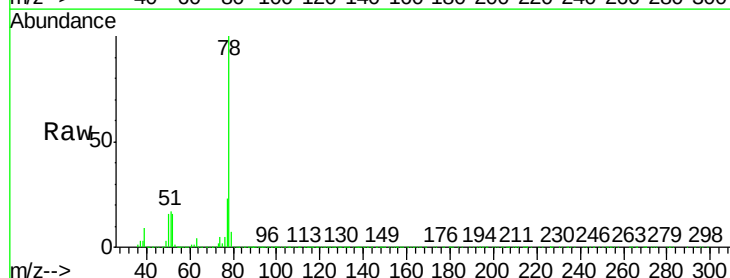
Instrument :
MSVOA_X
ClientSampleId :
VX1230WBS02

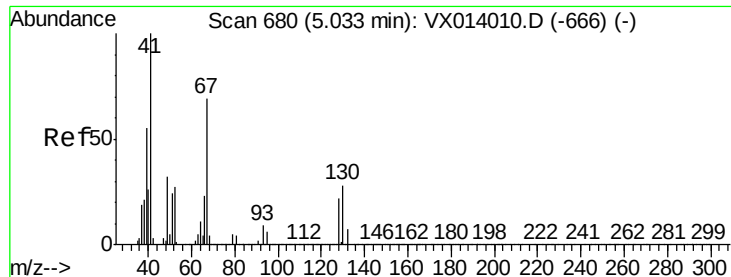
Tot Ion	83	Resp	166216
Ion Ratio	Lower	Upper	
83	100		
55	75.2	61.0	91.6
98	48.0	38.6	57.8



#40
Benzene
Concen: 18.923 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Tgt Ion	78	Resp	415797
Ion Ratio	Lower	Upper	
78	100		
77	22.5	18.8	28.2

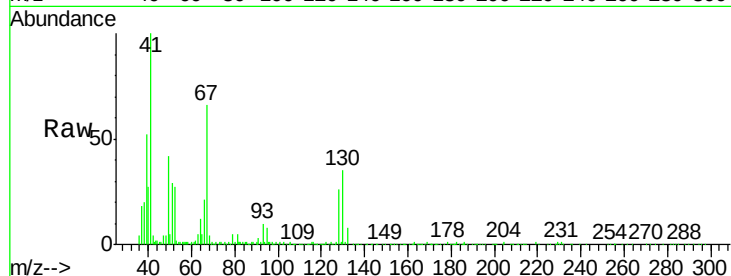




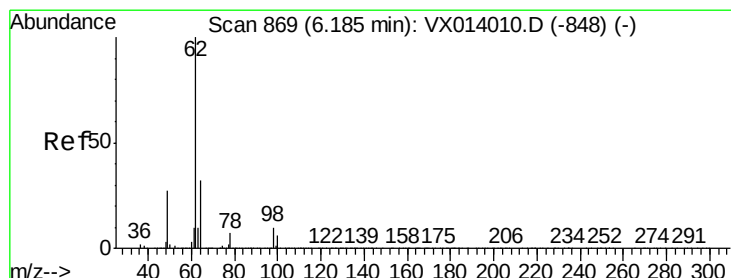
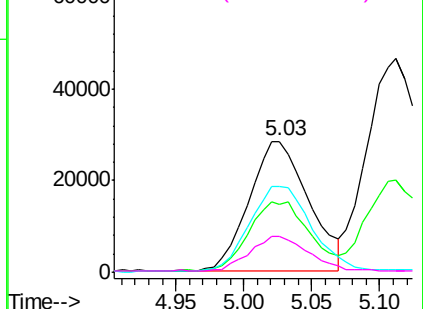
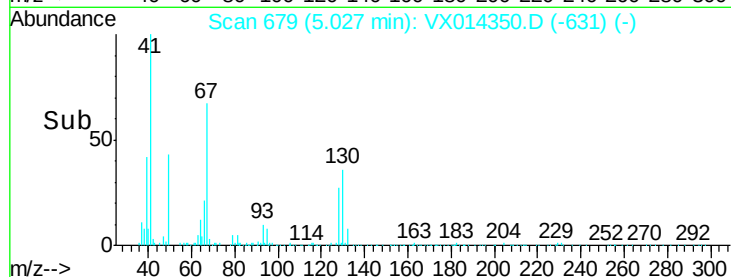
#41
Methacrylonitrile
Concen: 19.773 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBS02

Tot Ion:	41	Resp:	86517
Ion	Ratio	Lower	Upper
41	100		
39	53.5	44.5	66.7
67	69.6	57.4	86.0
52	26.5	23.0	34.4

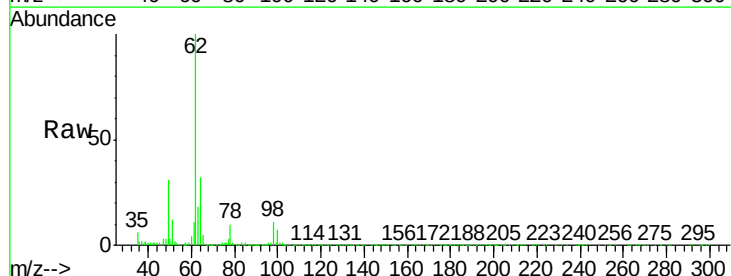


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

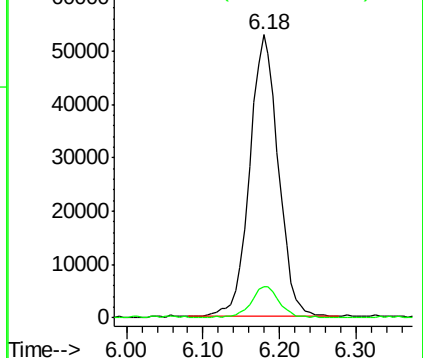
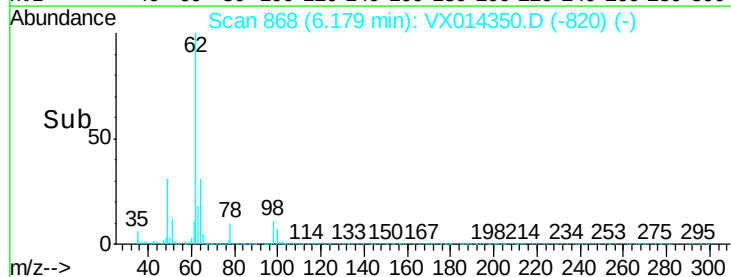


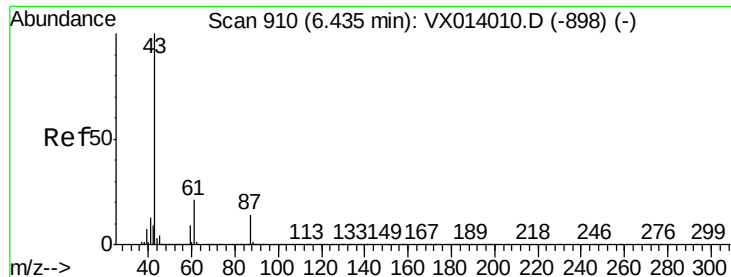
#42
1,2-Dichloroethane
Concen: 18.515 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Tgt Ion:	62	Resp:	137903
Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	21.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.374 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBS02

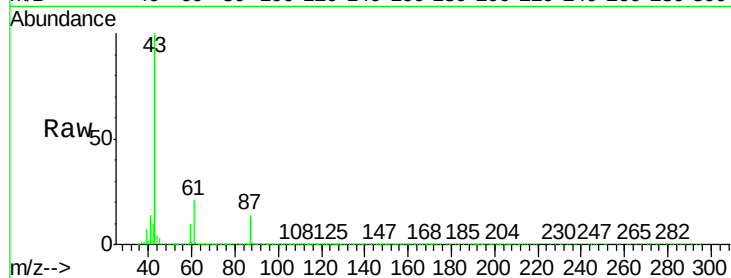
Tot Ion: 43 Resp: 252852

Ion Ratio Lower Upper

43 100

61 20.1 16.4 24.6

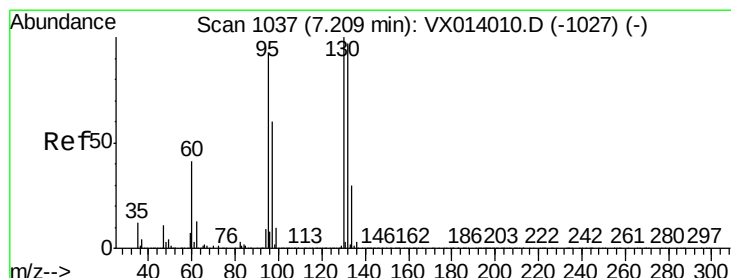
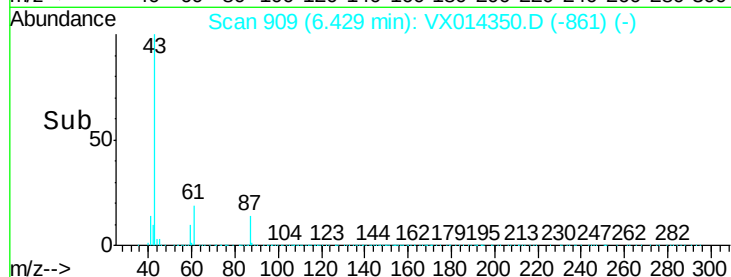
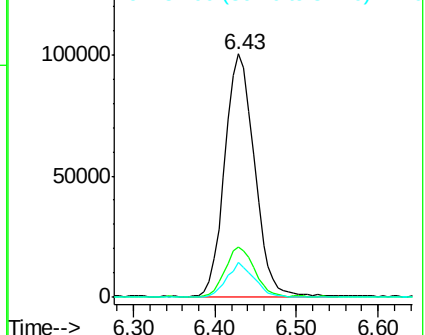
87 13.1 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.493 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014350.D

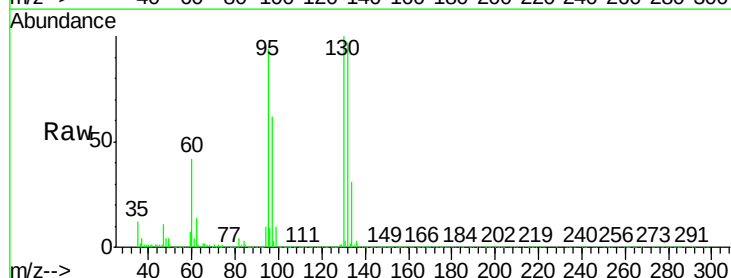
Acq: 30 Dec 2019 13:37

Tgt Ion:130 Resp: 112234

Ion Ratio Lower Upper

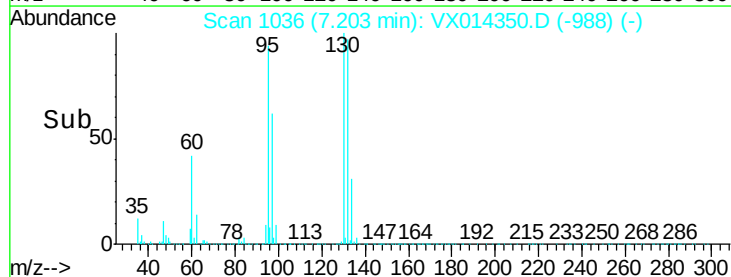
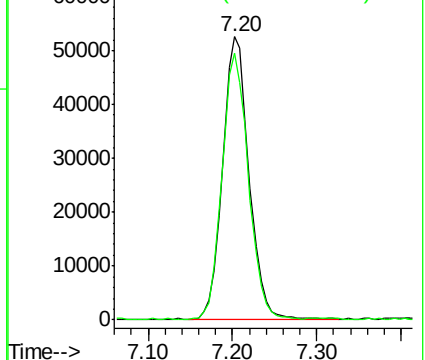
130 100

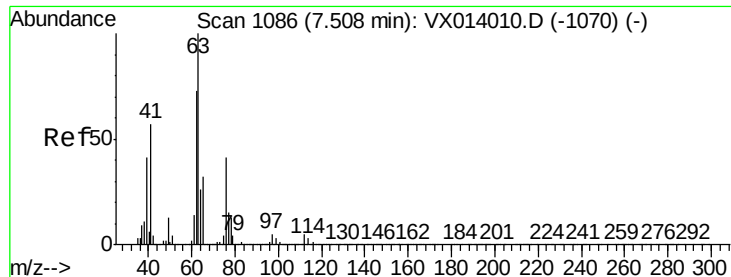
95 94.1 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

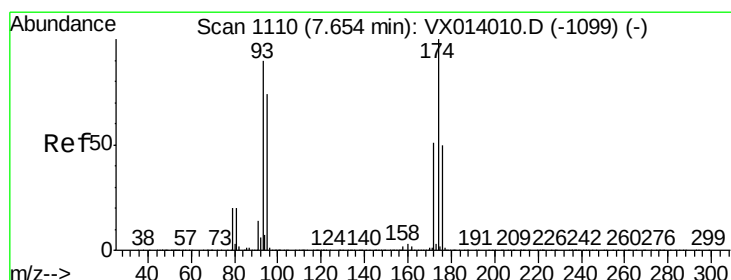
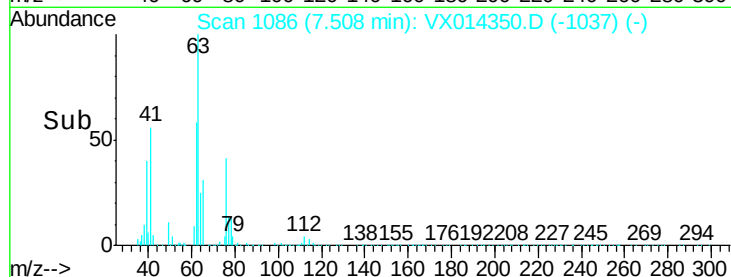
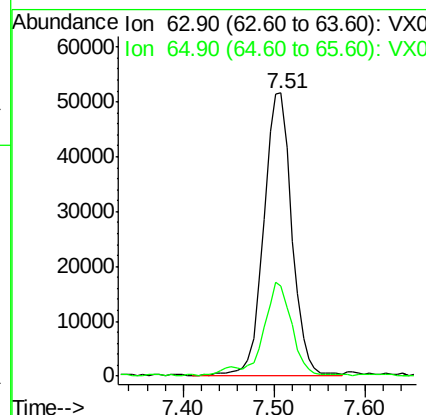
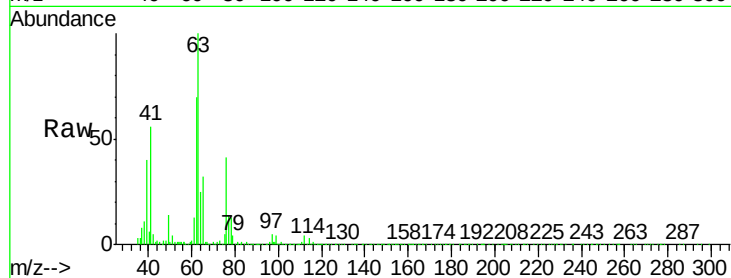




#45
 1,2-Dichloropropane
 Concen: 19.765 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014350.D
 Acq: 30 Dec 2019 13:37

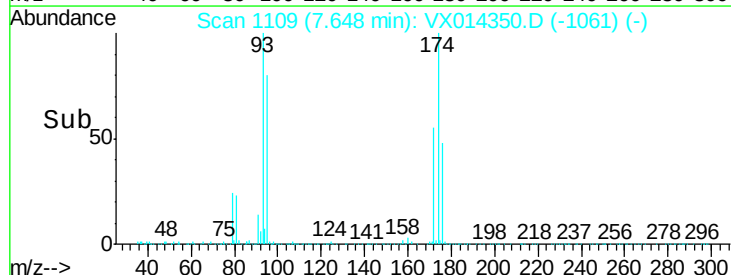
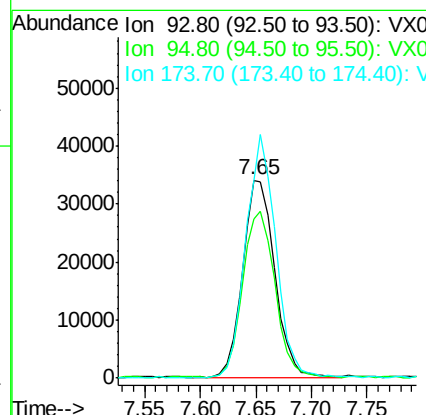
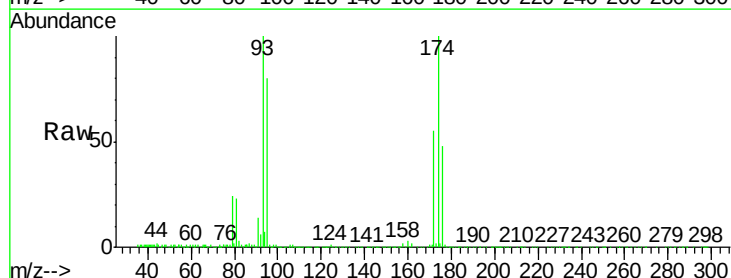
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1230WBS02

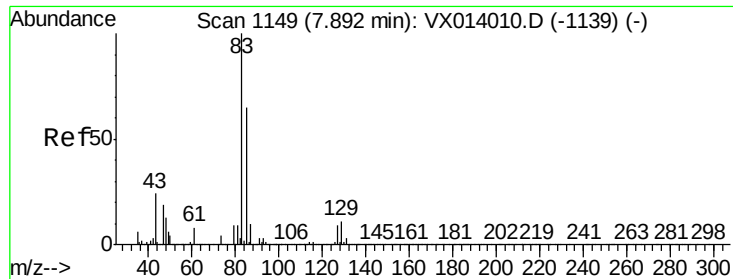
Tot Ion: 63 Resp: 111313
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.8 38.8



#46
 Dibromomethane
 Concen: 18.187 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014350.D
 Acq: 30 Dec 2019 13:37

Tgt Ion: 93 Resp: 67720
 Ion Ratio Lower Upper
 93 100
 95 84.8 67.3 100.9
 174 117.2 91.6 137.4

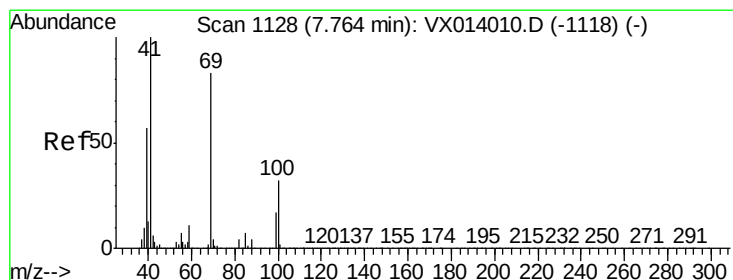
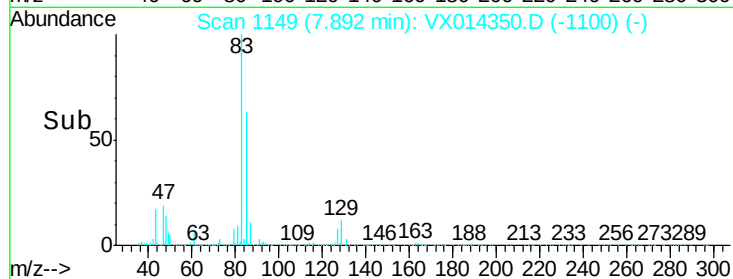
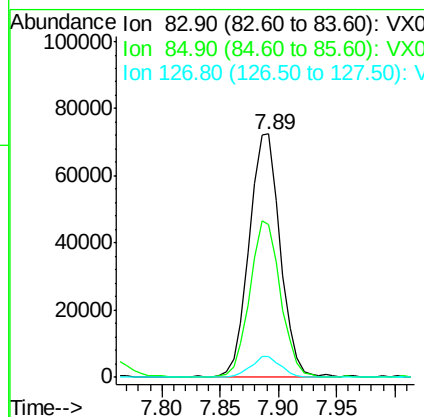
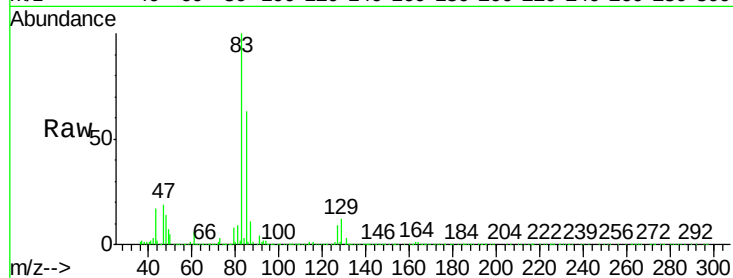




#47
Bromodichloromethane
Concen: 19.238 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

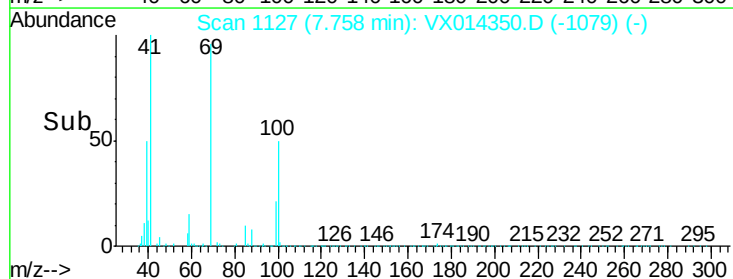
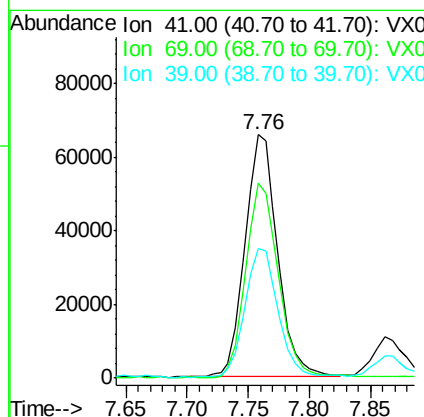
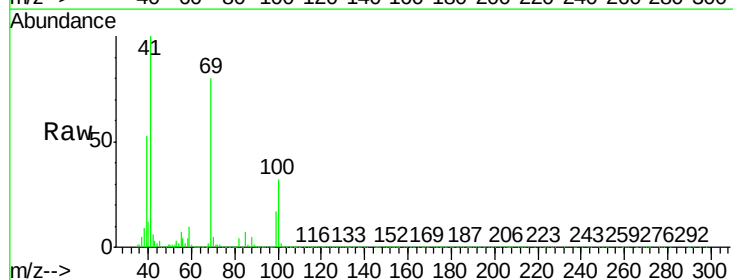
Instrument :
MSVOA_X
ClientSampleId :
VX1230WBS02

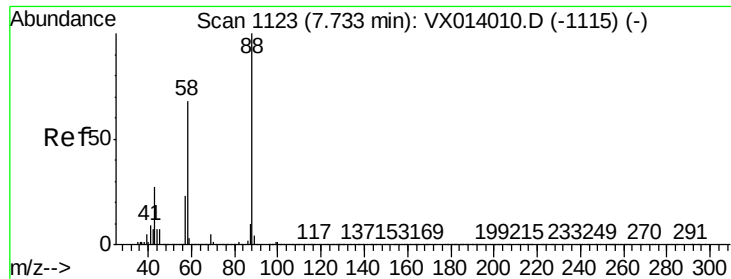
Tot Ion: 83 Resp: 134909
Ion Ratio Lower Upper
83 100
85 62.9 51.8 77.8
127 8.4 7.0 10.4



#48
Methyl methacrylate
Concen: 19.108 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Tgt Ion: 41 Resp: 122115
Ion Ratio Lower Upper
41 100
69 80.8 65.8 98.6
39 54.3 44.6 67.0





#49

1,4-Dioxane

Concen: 358.113 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBS02

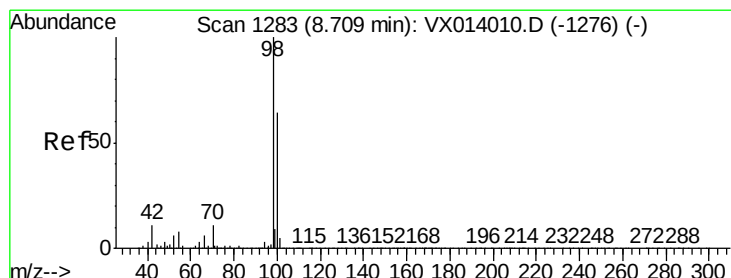
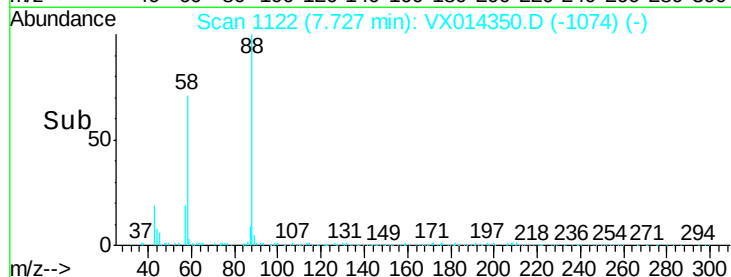
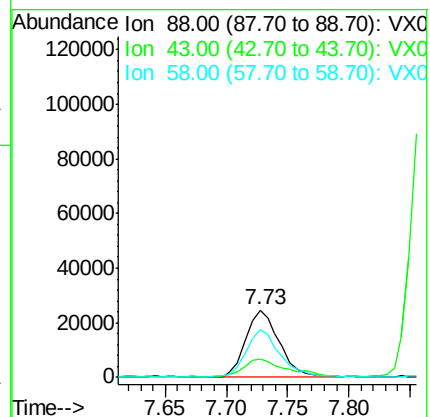
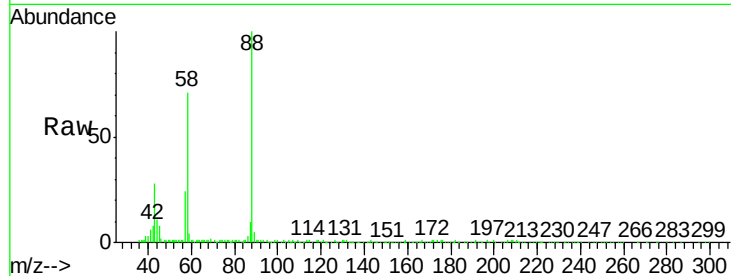
Tot Ion: 88 Resp: 46573

Ion Ratio Lower Upper

88 100

43 32.0 26.5 39.7

58 75.1 56.8 85.2



#50

Toluene-d8

Concen: 48.094 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014350.D

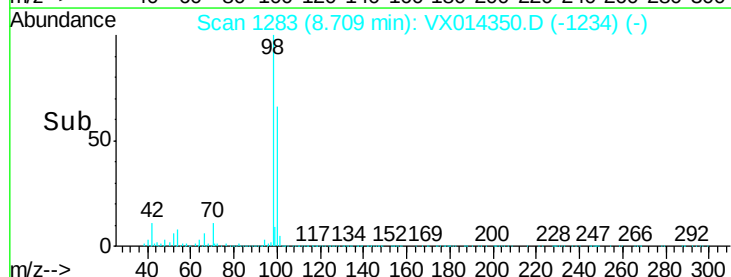
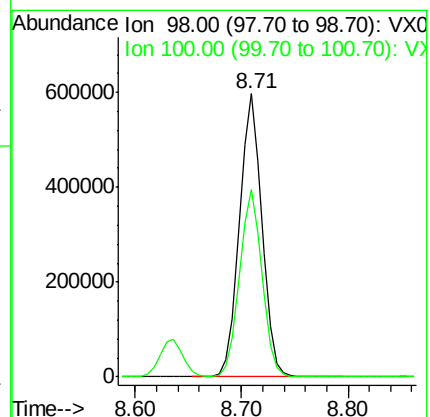
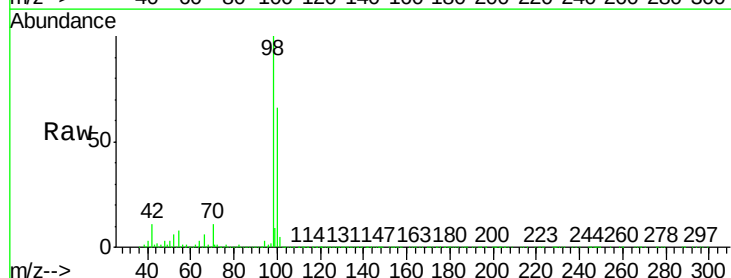
Acq: 30 Dec 2019 13:37

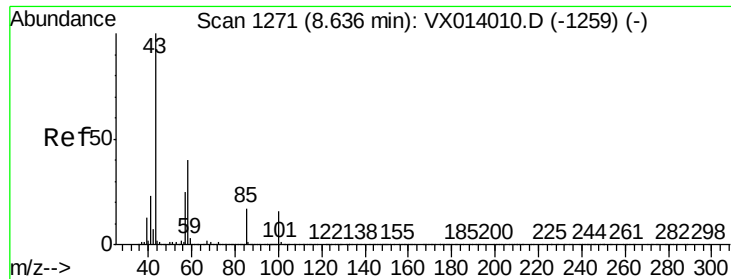
Tgt Ion: 98 Resp: 885864

Ion Ratio Lower Upper

98 100

100 66.5 52.9 79.3

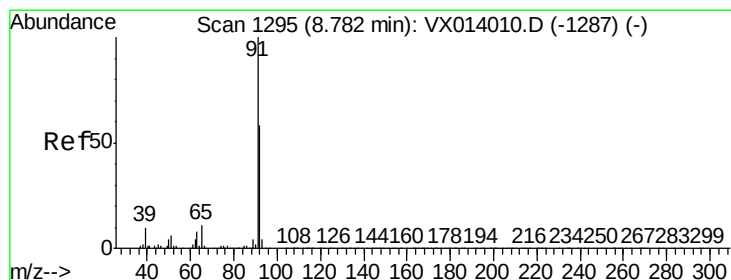
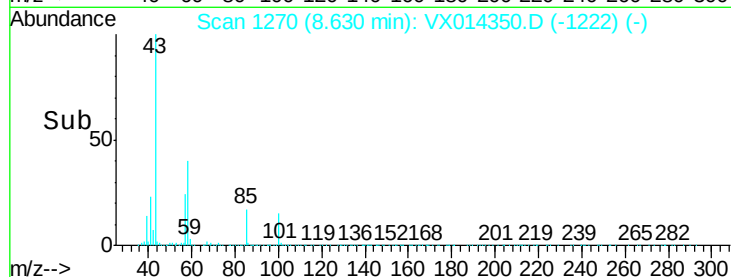
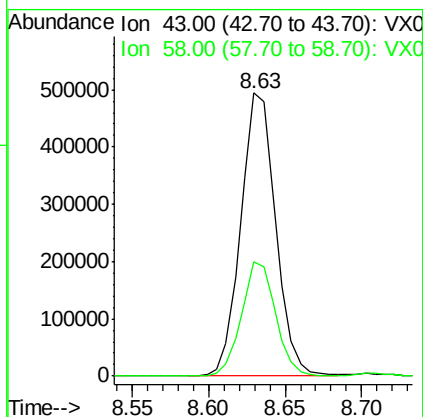
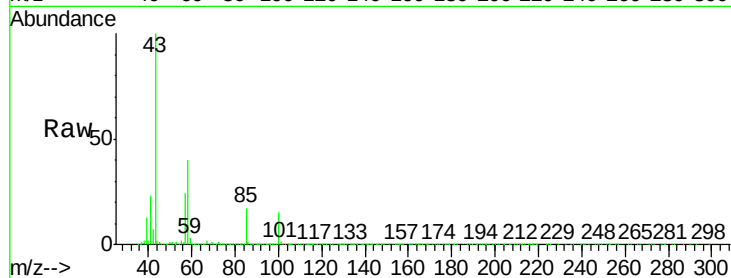




#51
 4-Methyl-2-Pentanone
 Concen: 95.227 ug/l
 RT: 8.63 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VX014350.D
 Acq: 30 Dec 2019 13:37

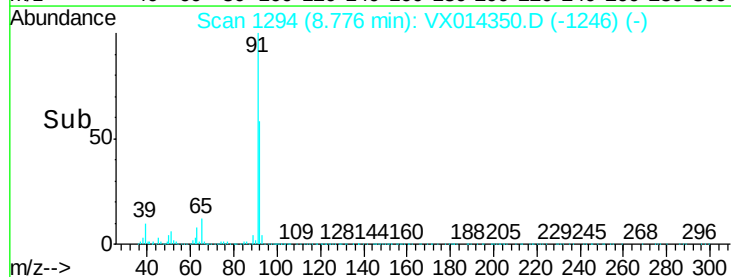
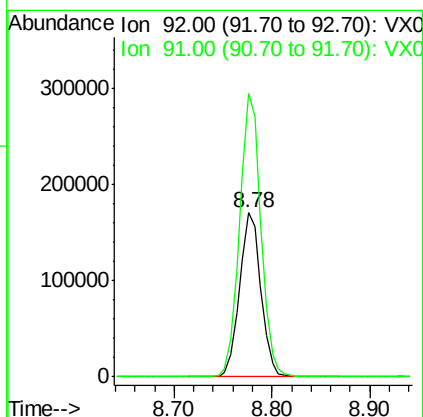
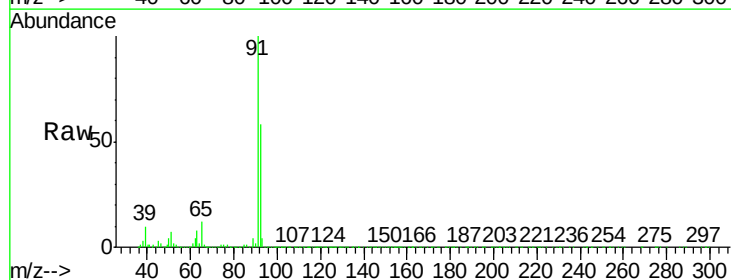
Instrument :
 MSVOA_X
 ClientSampled :
 VX1230WBS02

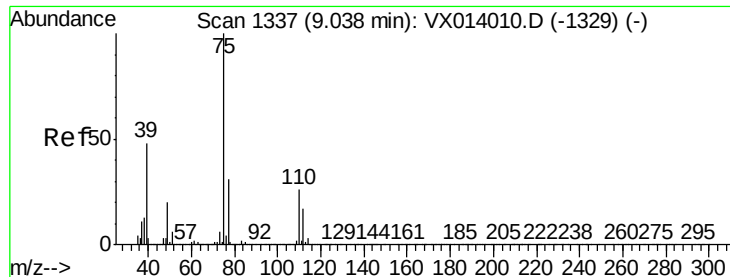
Tot Ion: 43 Resp: 780498
 Ion Ratio Lower Upper
 43 100
 58 39.6 32.2 48.2



#52
 Toluene
 Concen: 18.582 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: VX014350.D
 Acq: 30 Dec 2019 13:37

Tgt Ion: 92 Resp: 258079
 Ion Ratio Lower Upper
 92 100
 91 171.9 136.2 204.4

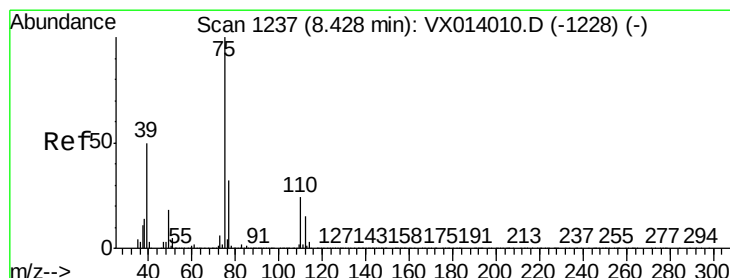
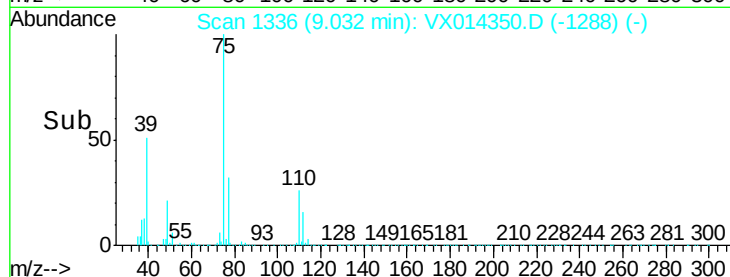
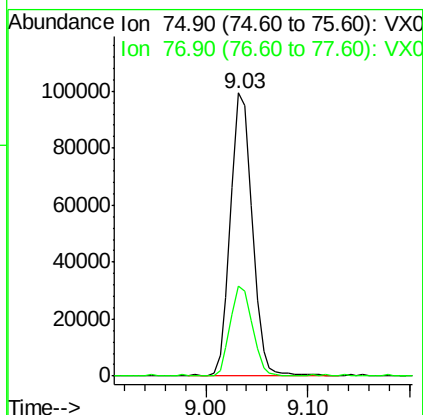
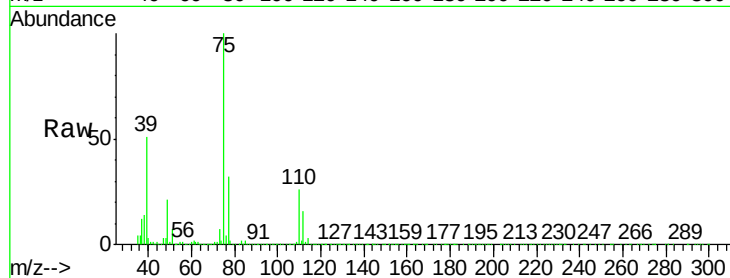




#53
t-1,3-Dichloropropene
Concen: 19.045 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

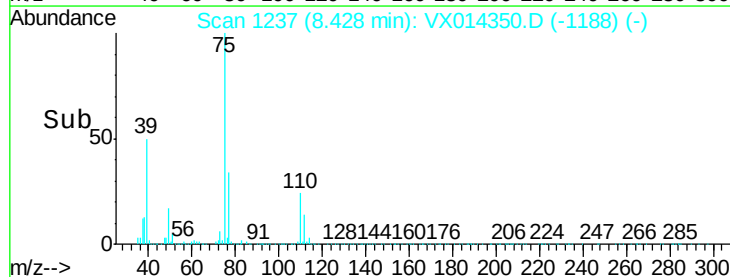
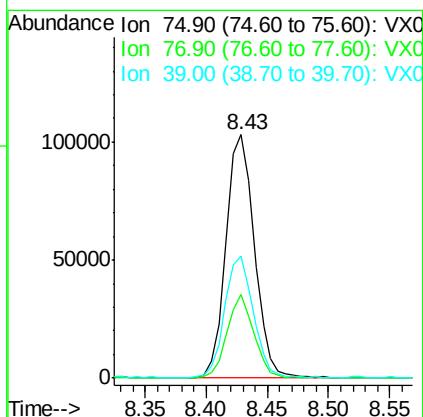
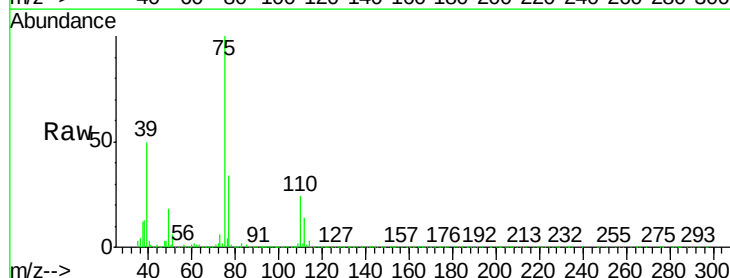
Instrument :
MSVOA_X
ClientSampled :
VX1230WBS02

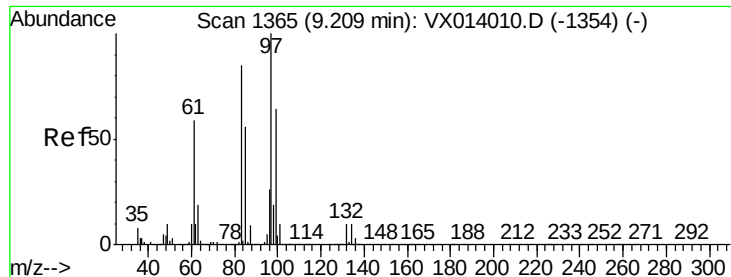
Tot Ion: 75 Resp: 146441
Ion Ratio Lower Upper
75 100
77 31.4 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 19.342 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Tgt Ion: 75 Resp: 165691
Ion Ratio Lower Upper
75 100
77 34.1 25.3 37.9
39 50.0 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 19.349 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBS02

Tot Ion: 97 Resp: 107705

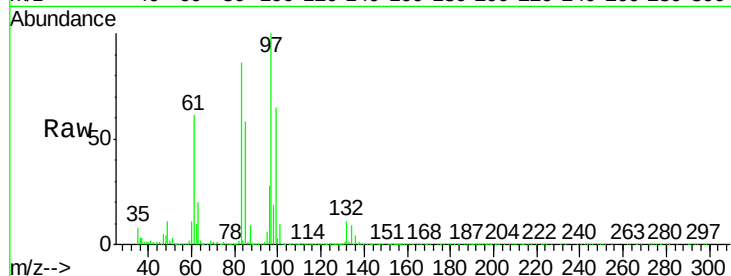
Ion Ratio Lower Upper

97 100

83 85.9 68.2 102.4

85 57.2 44.6 66.8

99 65.3 51.4 77.0

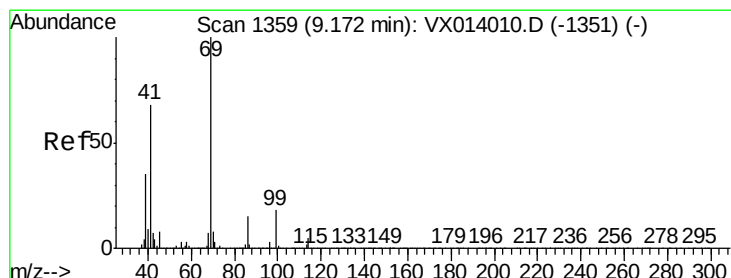
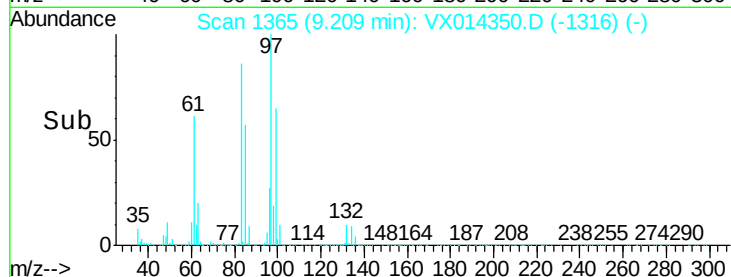
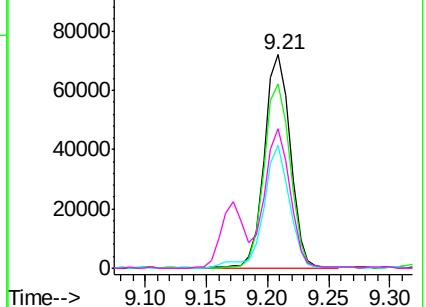


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 18.737 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

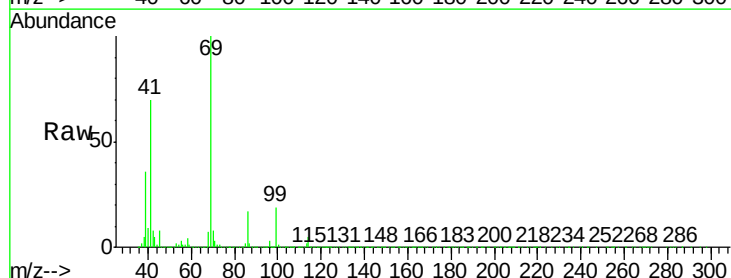
Tgt Ion: 69 Resp: 163827

Ion Ratio Lower Upper

69 100

41 70.1 54.8 82.2

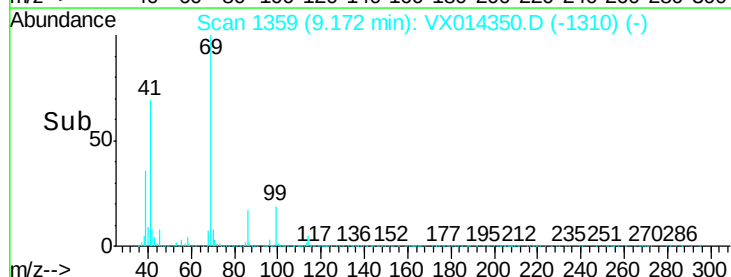
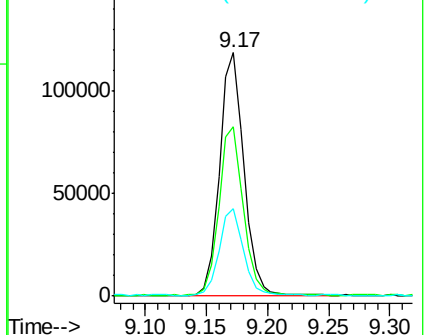
39 36.0 28.3 42.5

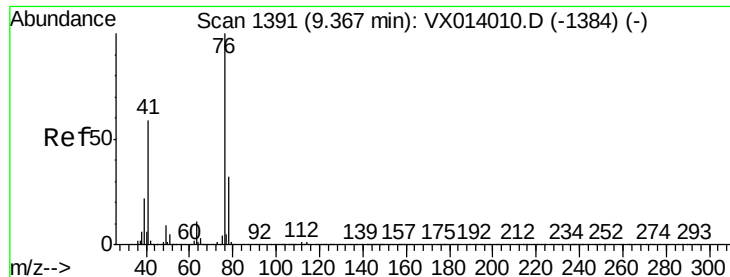


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.443 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Instrument :

MSVOA_X

ClientSampled :

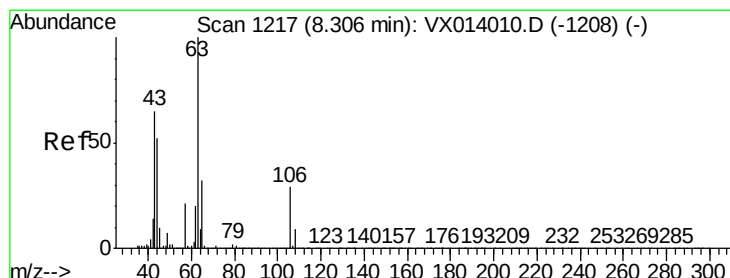
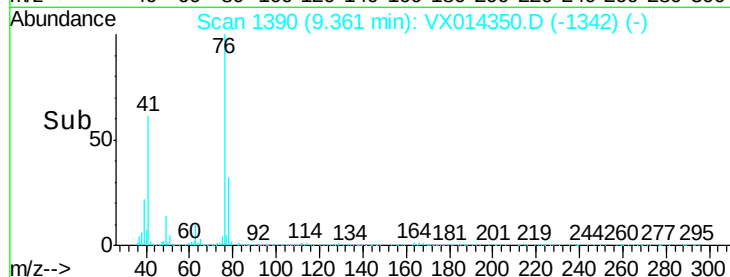
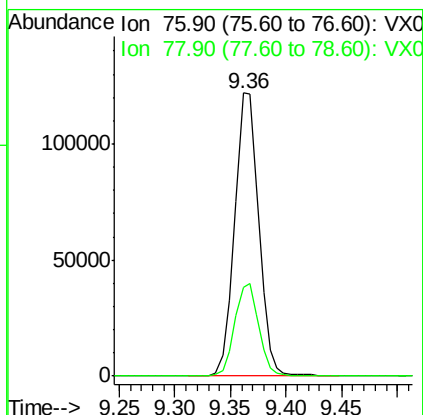
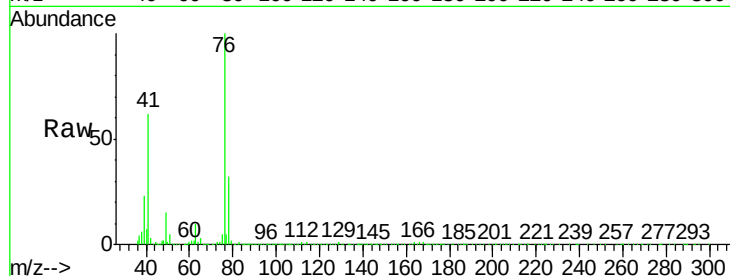
VX1230WBS02

Tot Ion: 76 Resp: 182086

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 107.965 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014350.D

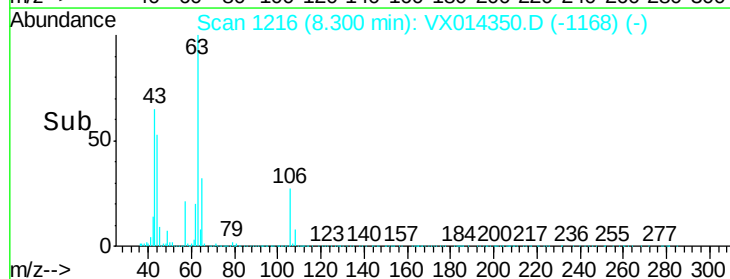
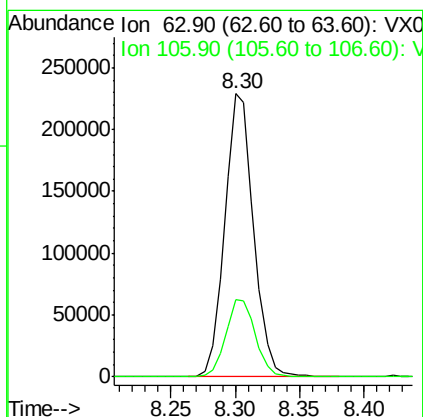
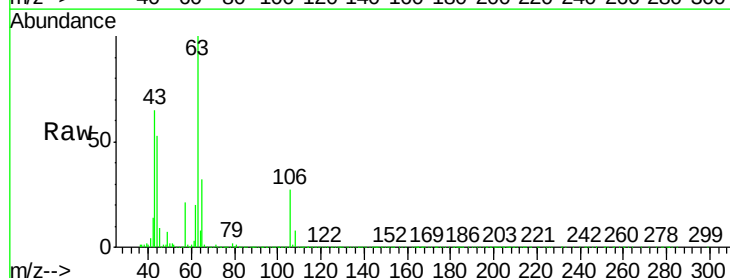
Acq: 30 Dec 2019 13:37

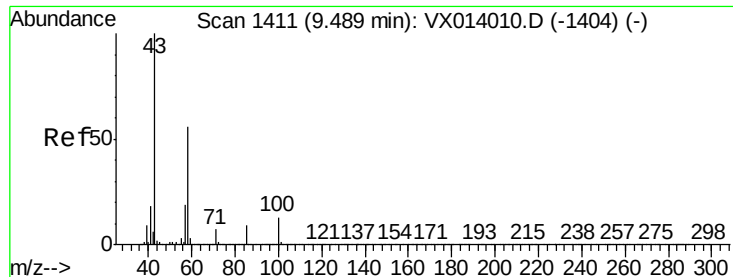
Tgt Ion: 63 Resp: 357250

Ion Ratio Lower Upper

63 100

106 28.4 23.0 34.6

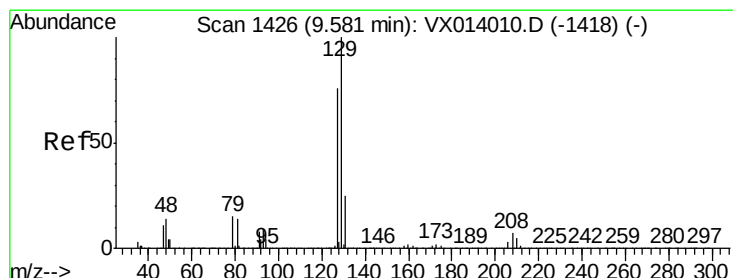
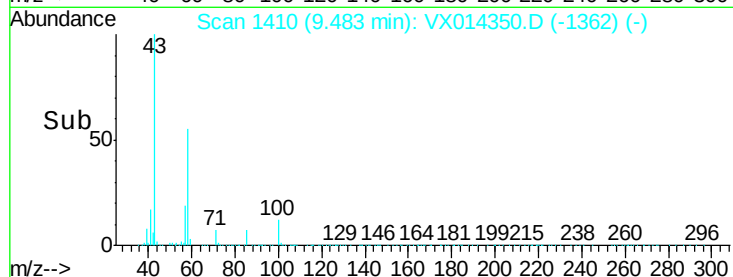
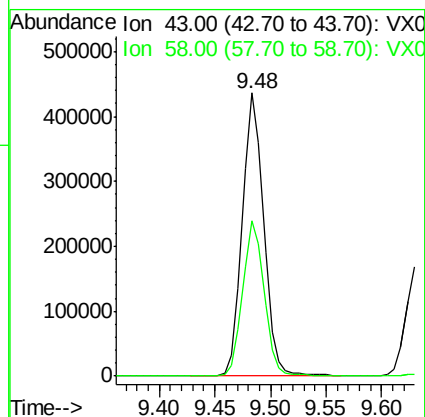
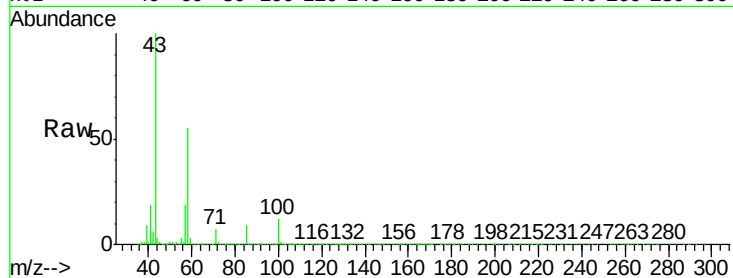




#59
2-Hexanone
Concen: 88.210 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

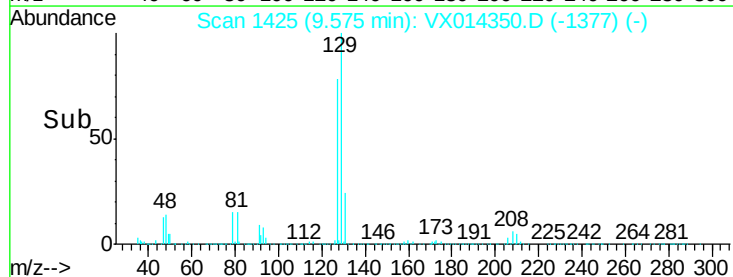
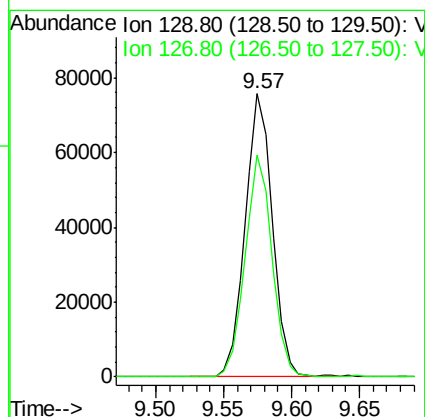
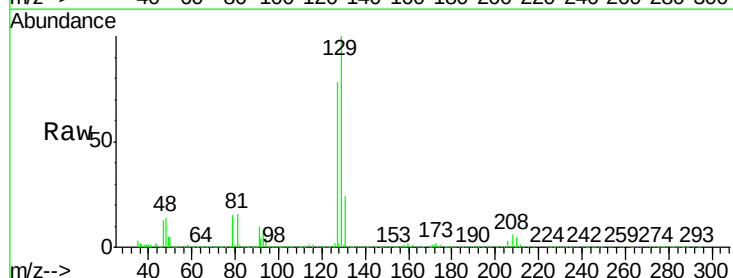
Instrument :
MSVOA_X
ClientSampleId :
VX1230WBS02

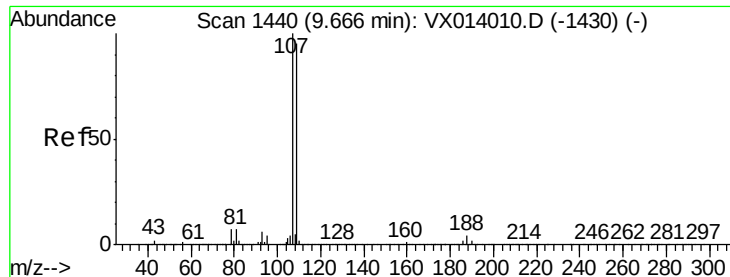
Tot Ion: 43 Resp: 582002
Ion Ratio Lower Upper
43 100
58 55.2 28.0 84.0



#60
Dibromochloromethane
Concen: 19.117 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Tgt Ion: 129 Resp: 105772
Ion Ratio Lower Upper
129 100
127 77.1 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.388 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

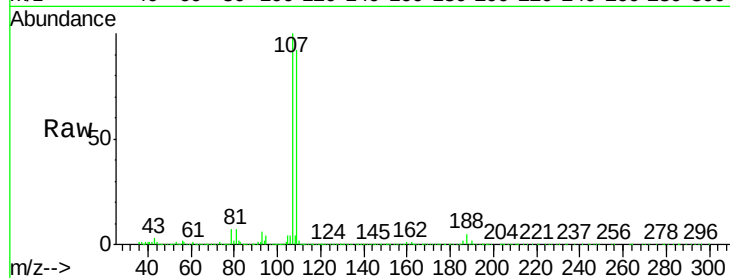
VX1230WBS02

Tot Ion:107 Resp: 110421

Ion Ratio Lower Upper

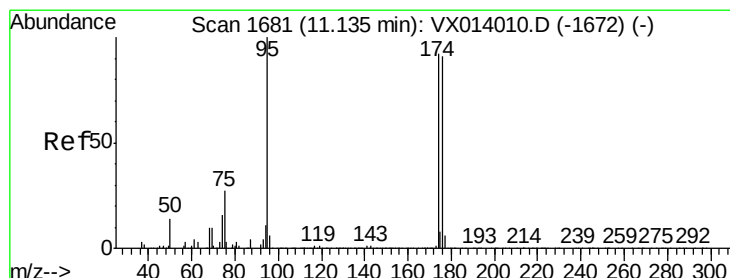
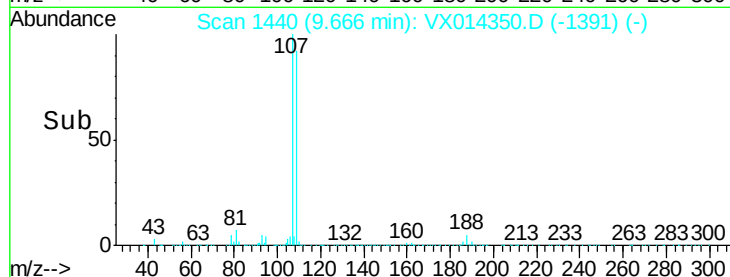
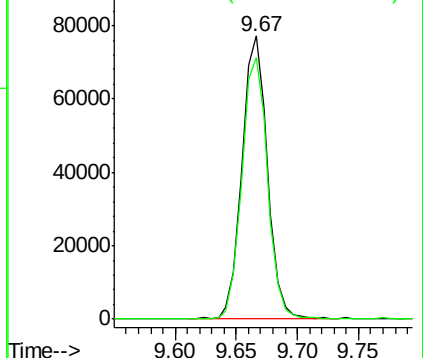
107 100

109 93.4 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.577 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

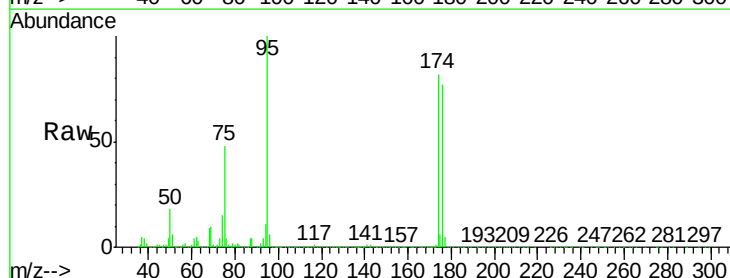
Tgt Ion: 95 Resp: 320341

Ion Ratio Lower Upper

95 100

174 86.5 0.0 175.8

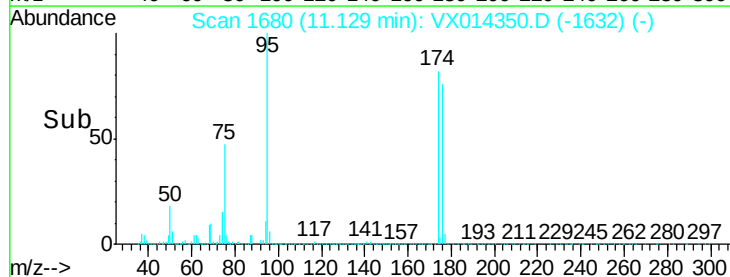
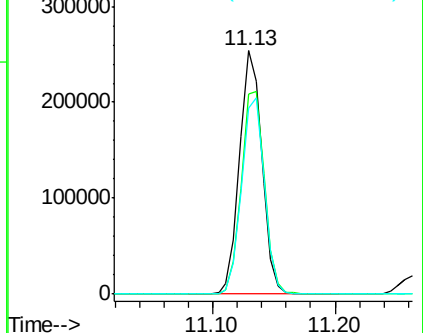
176 83.0 0.0 173.0

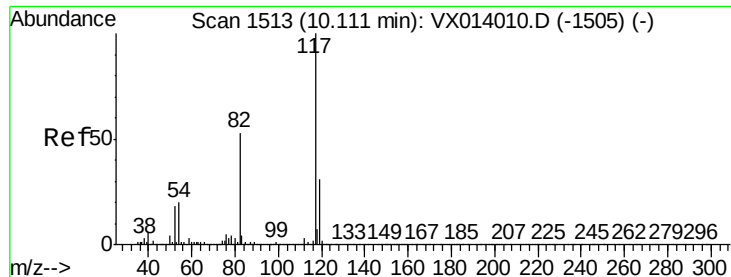


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

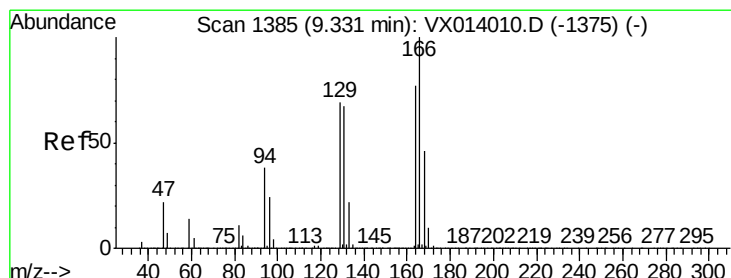
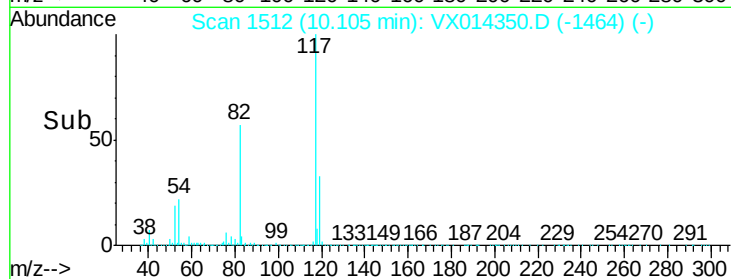
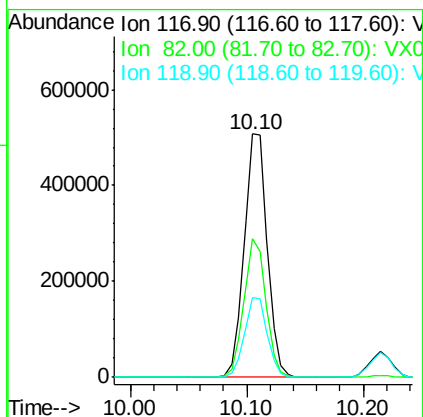
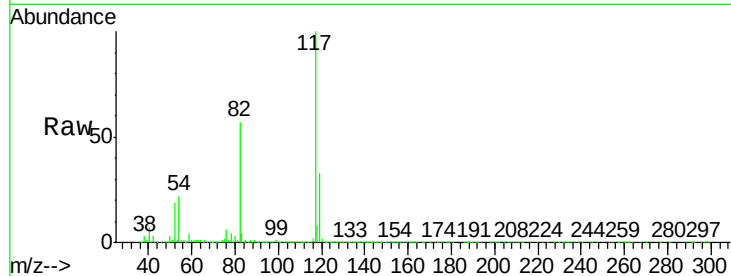




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

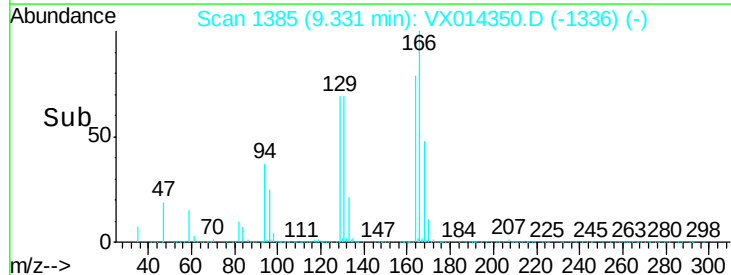
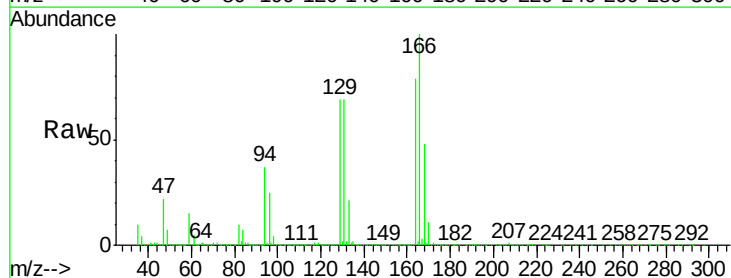
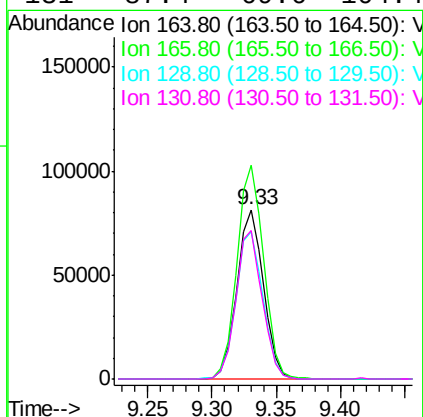
Instrument :
MSVOA_X
ClientSampleId :
VX1230WBS02

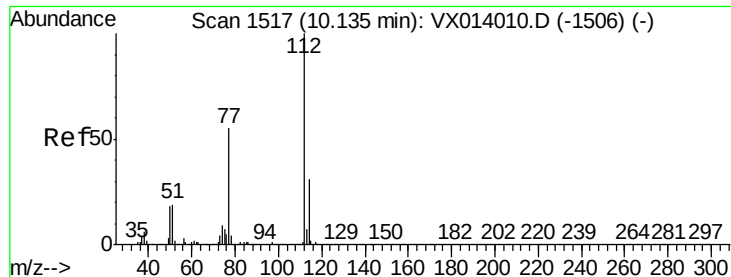
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.0	42.2	63.4
119	32.5	25.1	37.7



#64
Tetrachloroethene
Concen: 18.643 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.0	104.0	156.0
129	86.7	72.2	108.4
131	87.4	69.6	104.4





#65

Chlorobenzene

Concen: 18.707 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

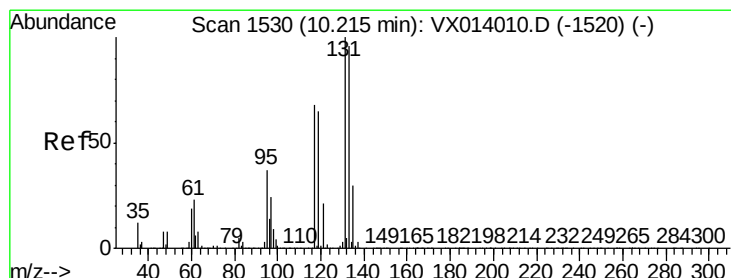
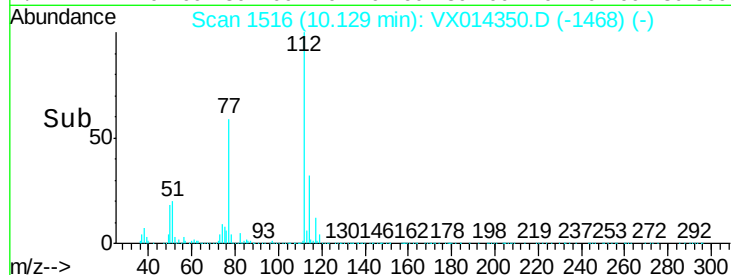
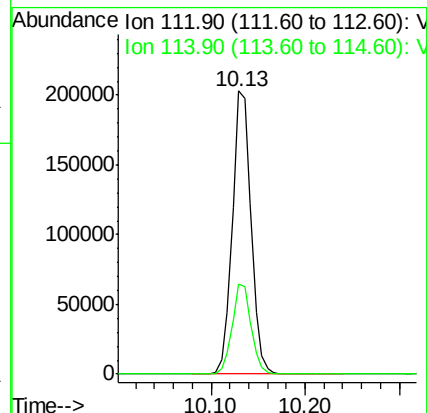
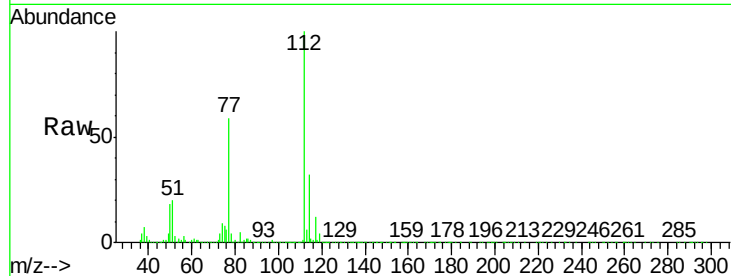
VX1230WBS02

Tot Ion:112 Resp: 279662

Ion Ratio Lower Upper

112 100

114 31.7 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 19.244 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

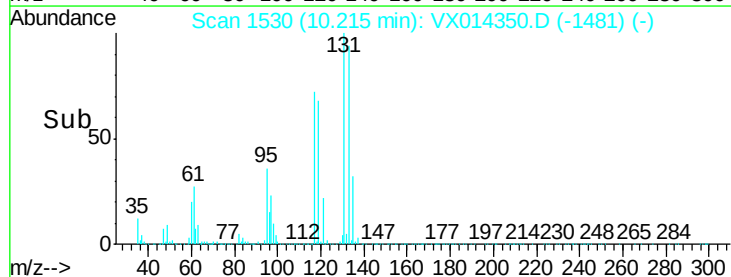
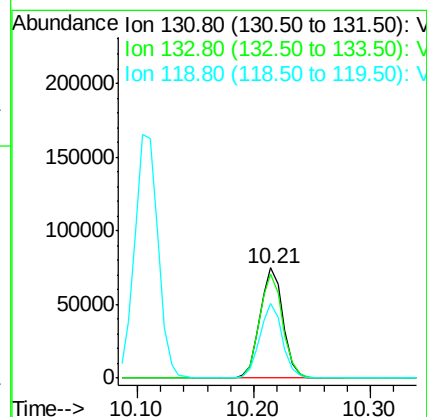
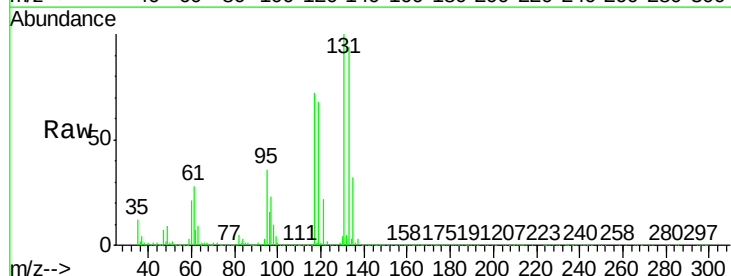
Tgt Ion:131 Resp: 102723

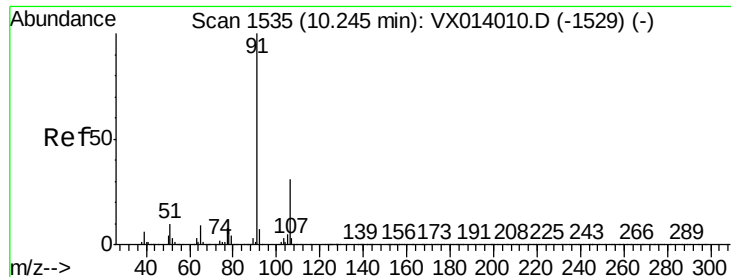
Ion Ratio Lower Upper

131 100

133 94.7 48.0 144.0

119 66.2 33.4 100.2

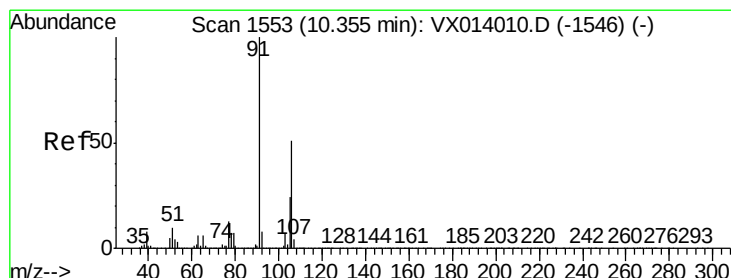
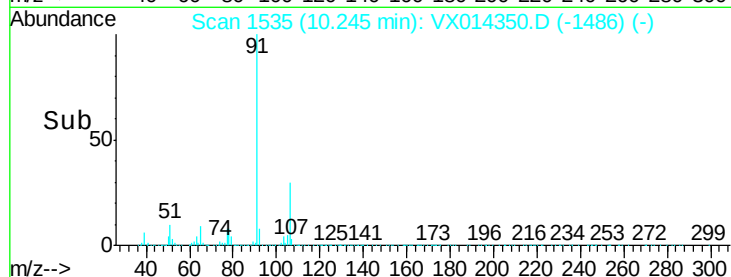
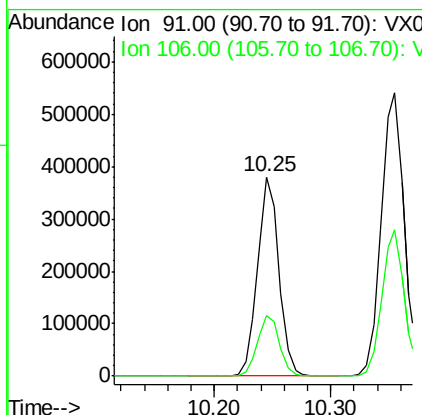
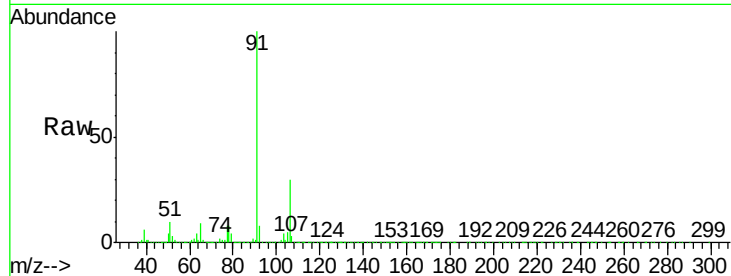




#67
Ethyl Benzene
Concen: 18.892 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

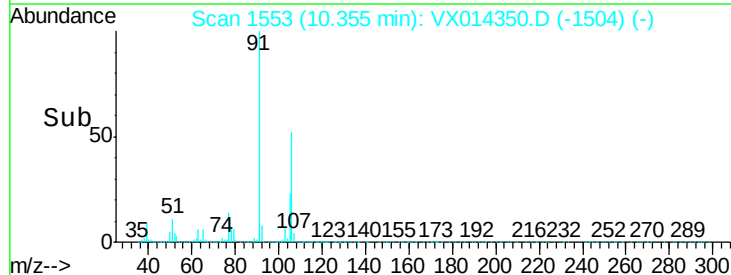
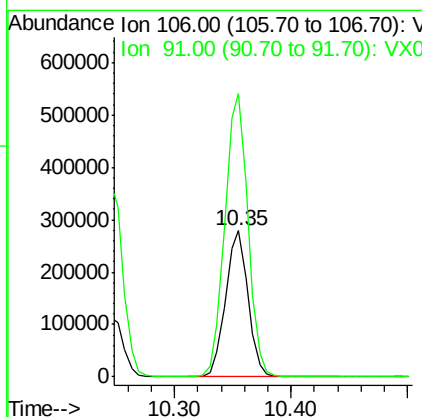
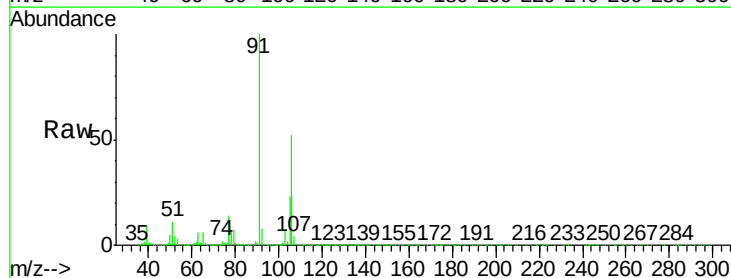
Instrument :
MSVOA_X
ClientSampleId :
VX1230WBS02

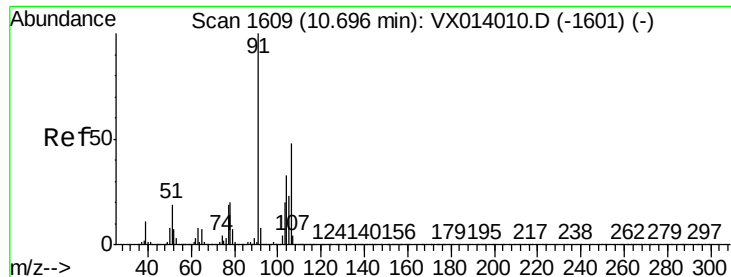
Tot Ion: 91 Resp: 485570
Ion Ratio Lower Upper
91 100
106 30.4 25.0 37.6



#68
m/p-Xylenes
Concen: 37.623 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Tgt Ion: 106 Resp: 371924
Ion Ratio Lower Upper
106 100
91 199.0 158.6 238.0

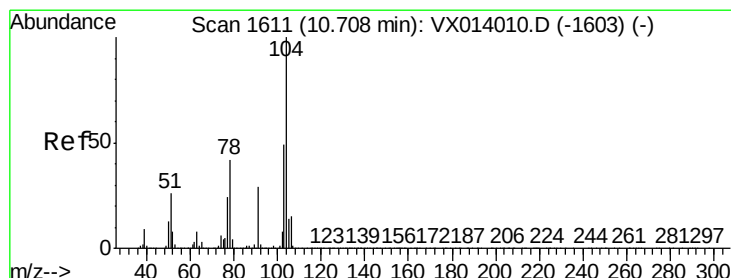
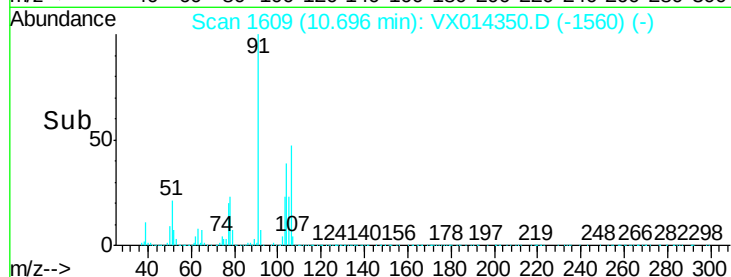
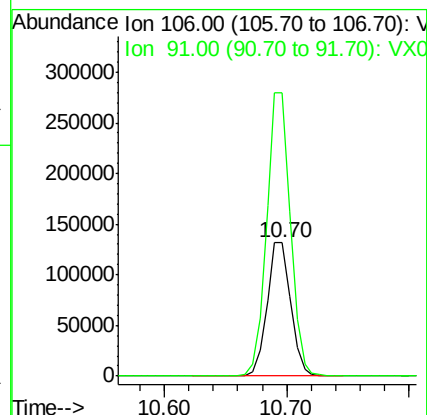
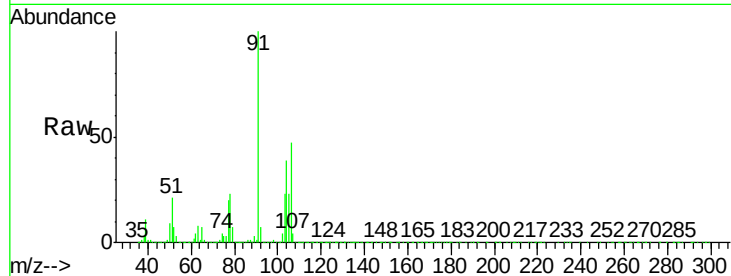




#69
o-Xylene
Concen: 18.342 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

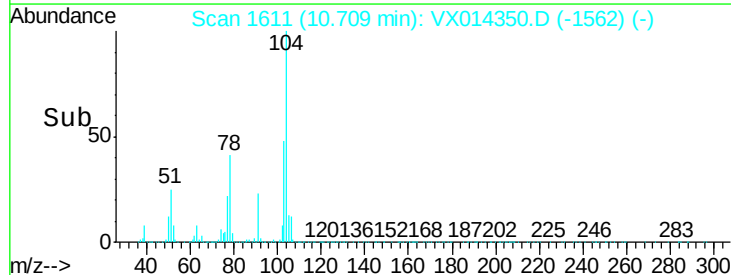
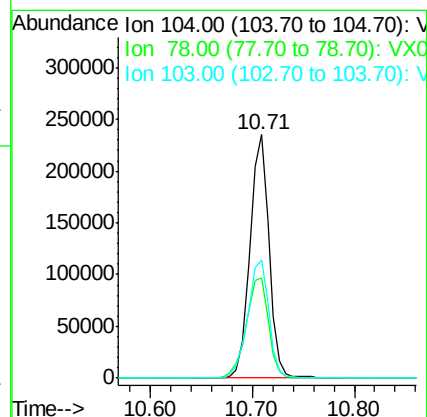
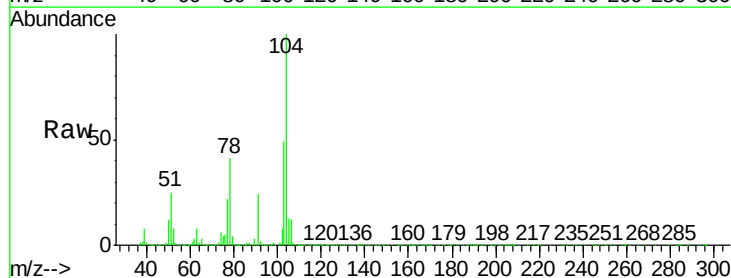
Instrument :
MSVOA_X
ClientSampleId :
VX1230WBS02

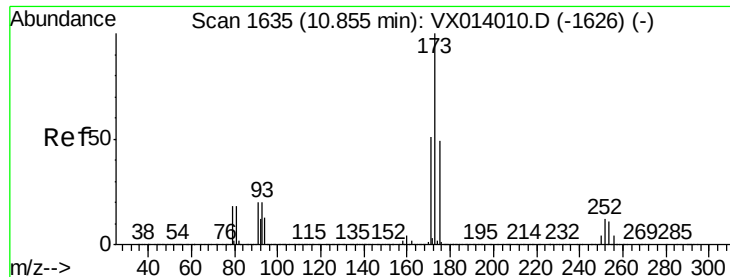
Tot Ion:106 Resp: 177833
Ion Ratio Lower Upper
106 100
91 212.4 104.2 312.6



#70
Styrene
Concen: 18.611 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Tgt Ion:104 Resp: 305113
Ion Ratio Lower Upper
104 100
78 47.9 38.5 57.7
103 53.7 42.9 64.3





#71

Bromoform

Concen: 18.195 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBS02

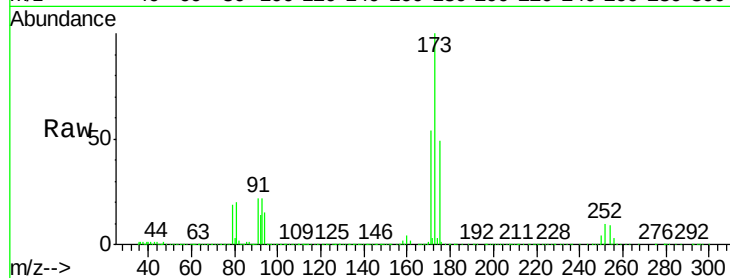
Tot Ion:173 Resp: 78069

Ion Ratio Lower Upper

173 100

175 49.2 24.4 73.4

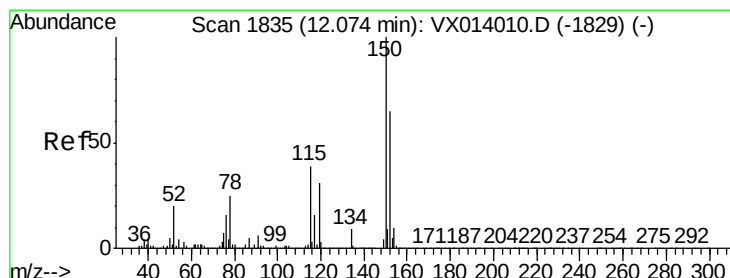
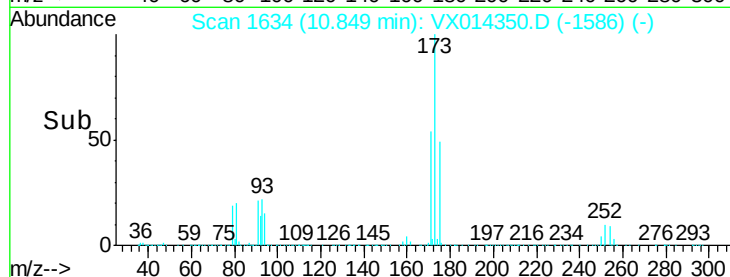
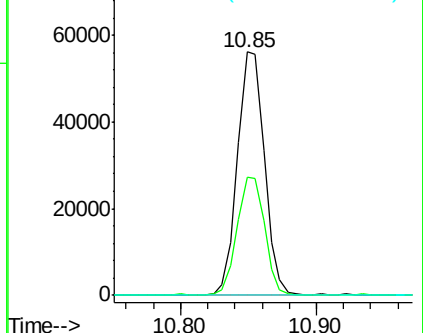
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

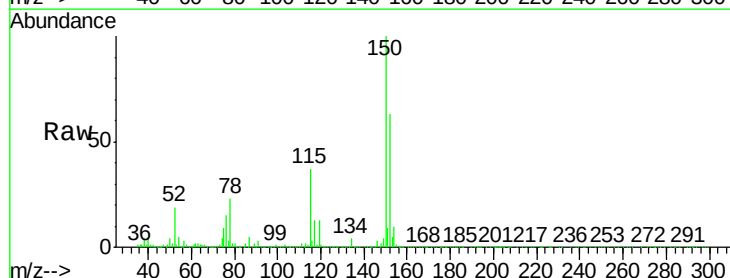
Tgt Ion:152 Resp: 340124

Ion Ratio Lower Upper

152 100

115 64.4 38.3 114.9

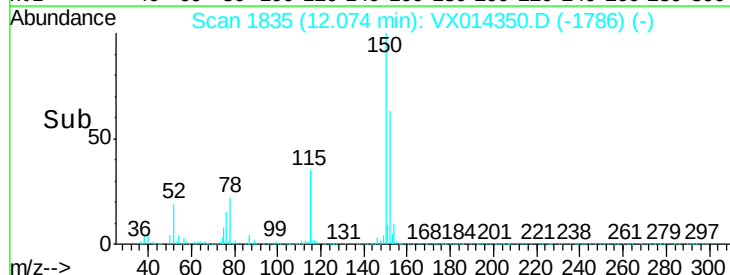
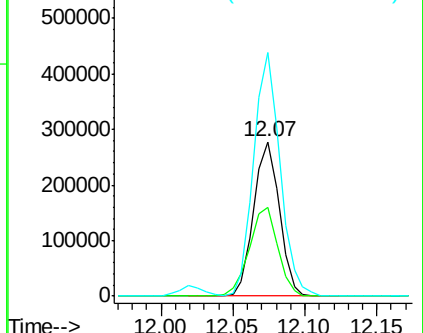
150 162.9 0.0 345.4

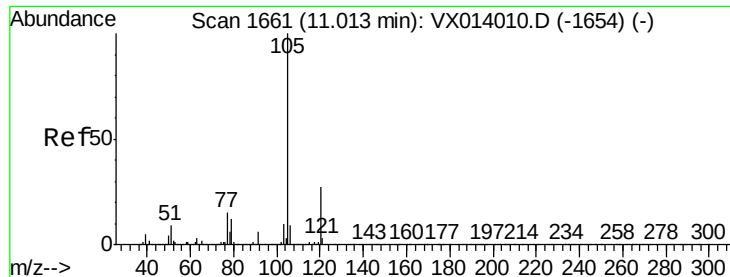


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.019 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

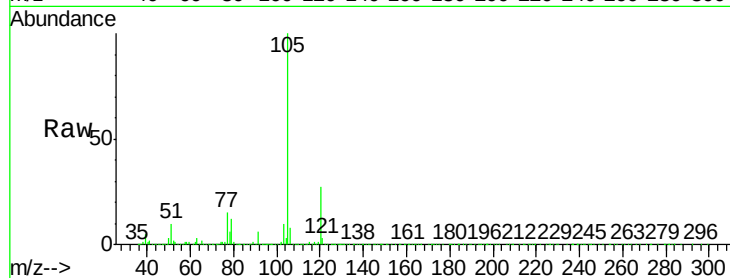
VX1230WBS02

Tot Ion:105 Resp: 479409

Ion Ratio Lower Upper

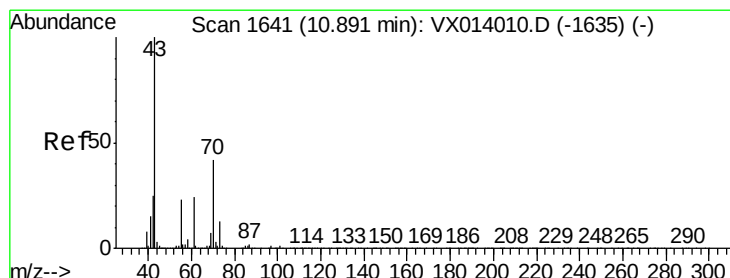
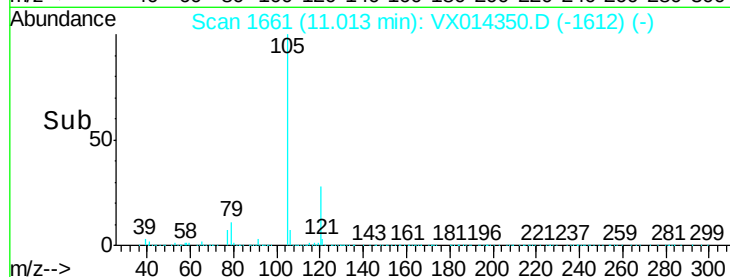
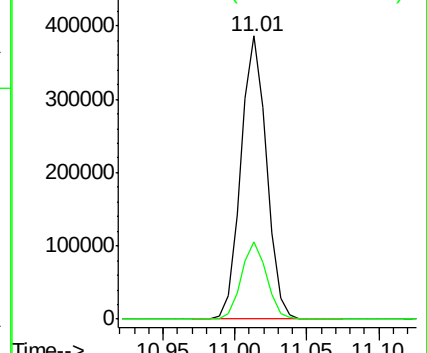
105 100

120 26.6 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.103 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Tgt Ion: 43 Resp: 214433

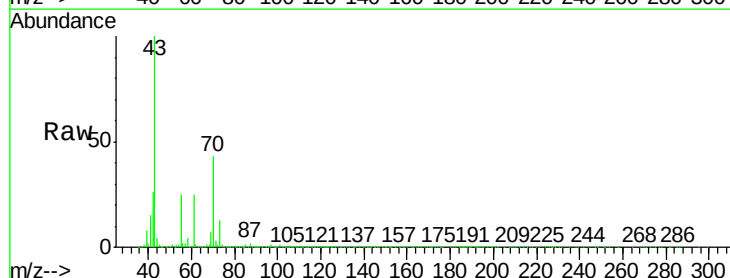
Ion Ratio Lower Upper

43 100

70 42.3 34.4 51.6

55 24.1 19.1 28.7

61 24.2 19.7 29.5

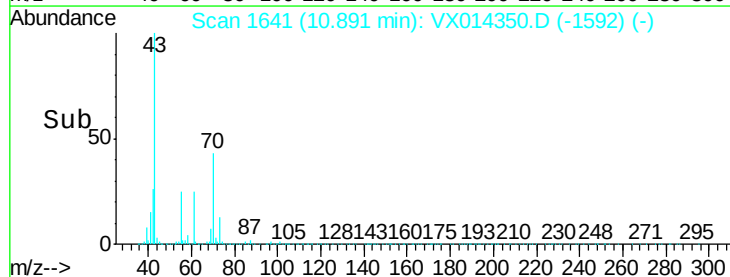
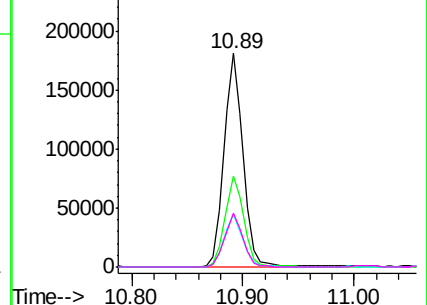


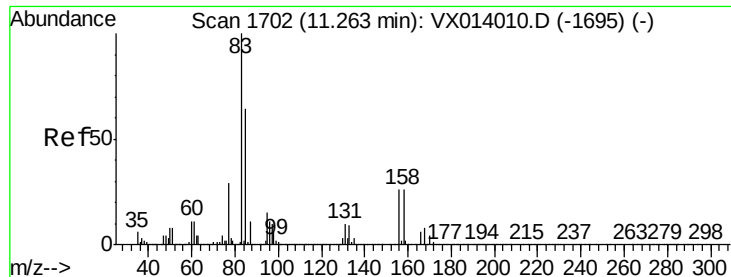
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.303 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBS02

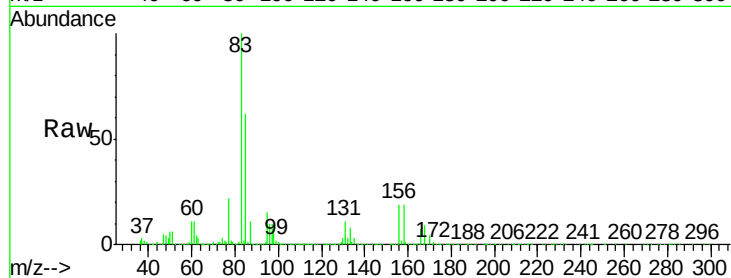
Tot Ion: 83 Resp: 160256

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.2

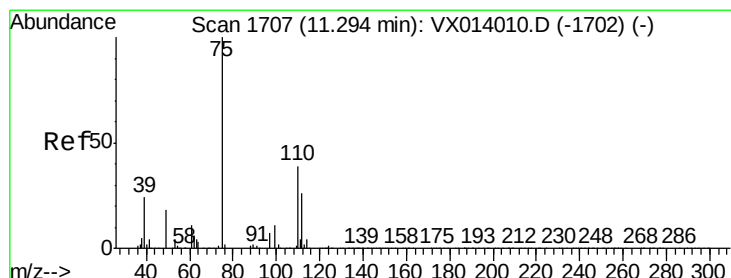
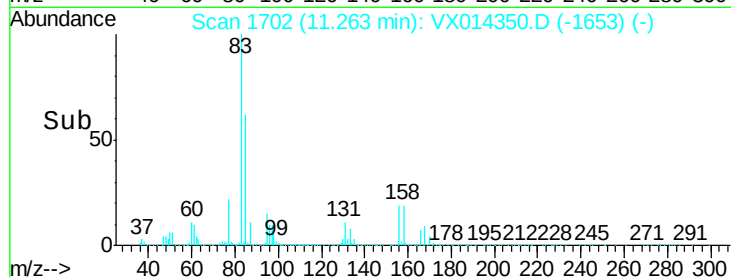
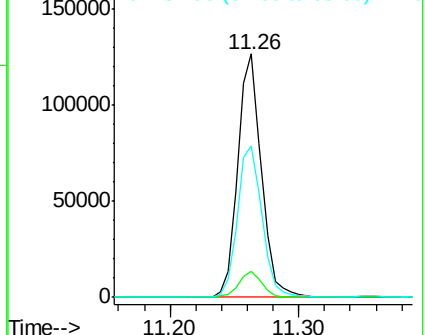
85 64.8 31.9 95.7



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: 24.256 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014350.D

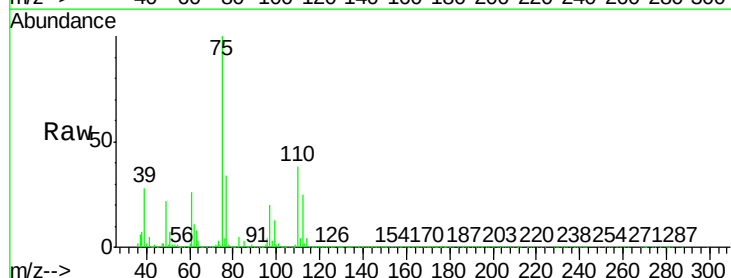
Acq: 30 Dec 2019 13:37

Tgt Ion: 75 Resp: 179110

Ion Ratio Lower Upper

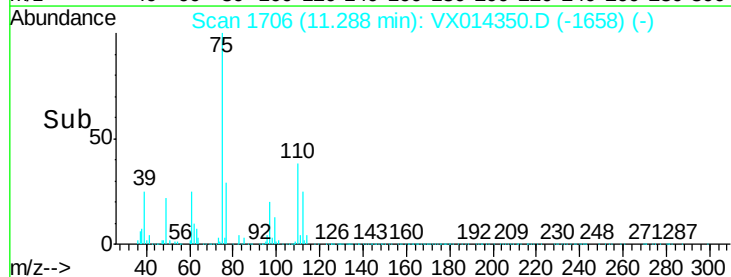
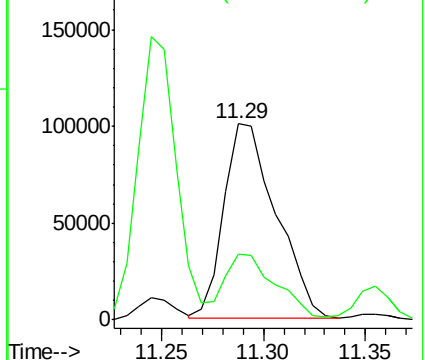
75 100

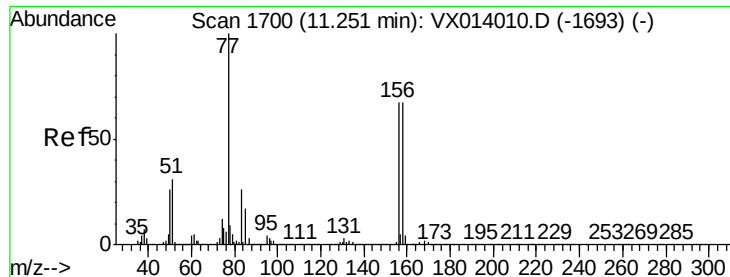
77 33.6 19.3 57.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.556 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBS02

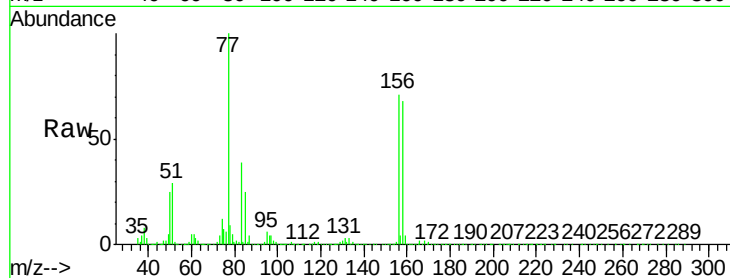
Tot Ion:156 Resp: 122259

Ion Ratio Lower Upper

156 100

77 156.2 76.5 229.5

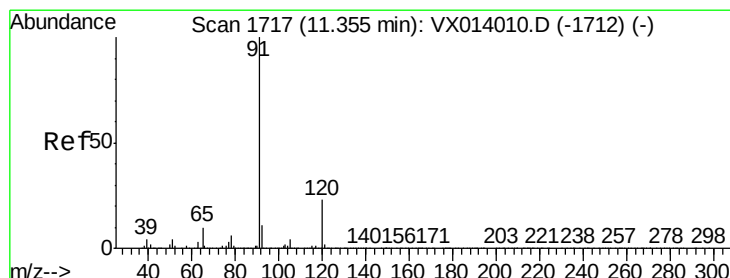
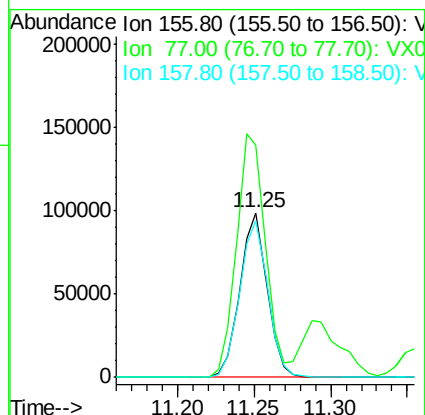
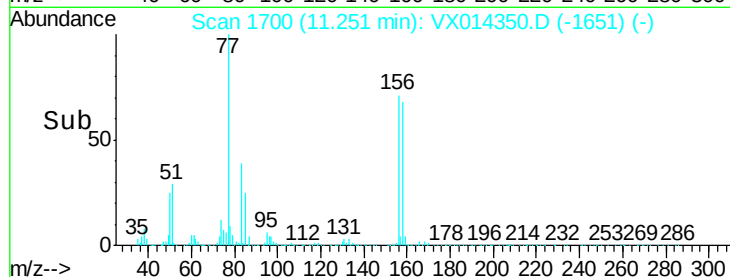
158 98.1 49.3 147.9



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: 20.057 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014350.D

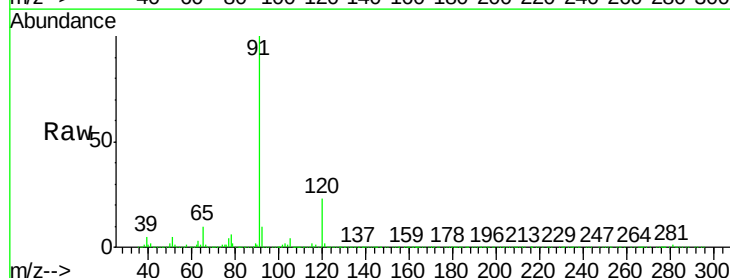
Acq: 30 Dec 2019 13:37

Tgt Ion: 91 Resp: 538755

Ion Ratio Lower Upper

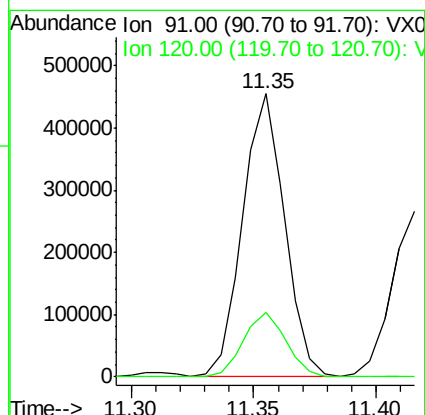
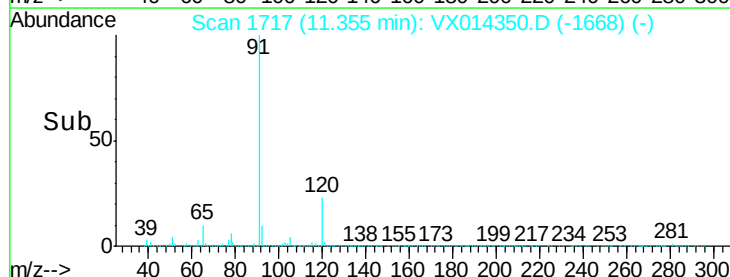
91 100

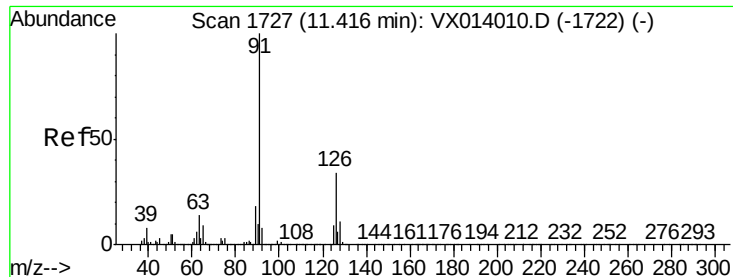
120 23.4 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.684 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

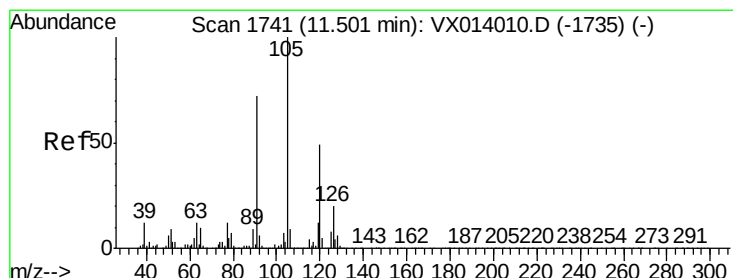
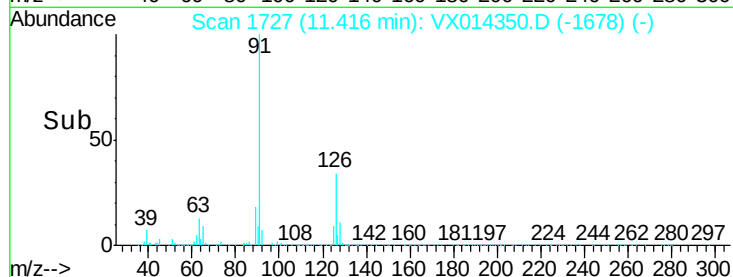
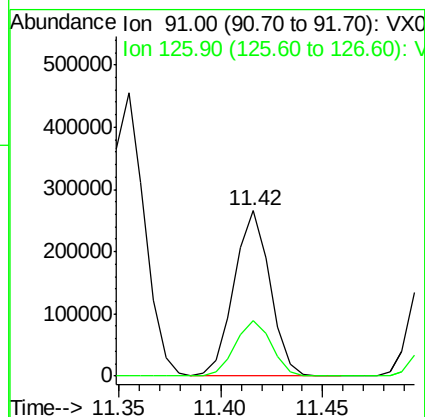
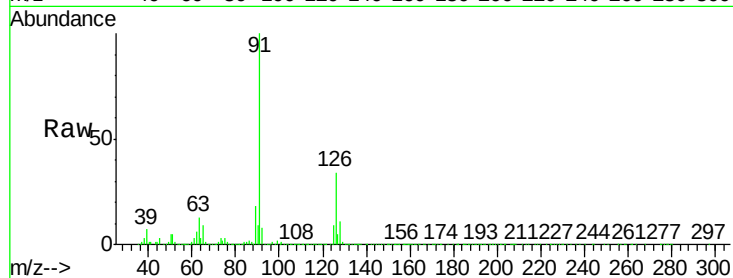
VX1230WBS02

Tot Ion: 91 Resp: 321400

Ion Ratio Lower Upper

91 100

126 34.2 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 19.734 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014350.D

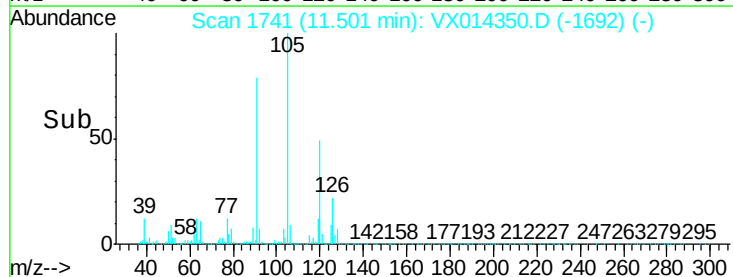
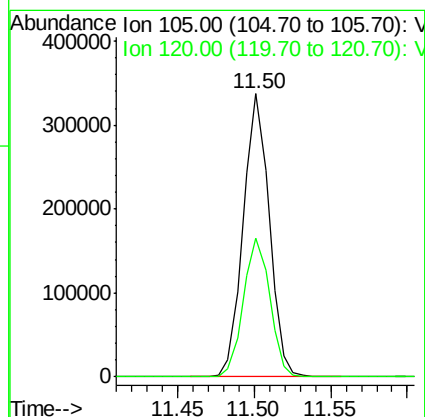
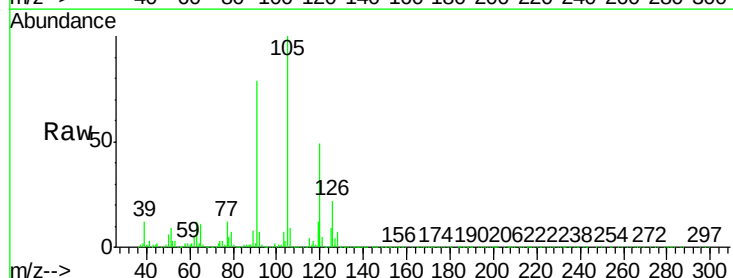
Acq: 30 Dec 2019 13:37

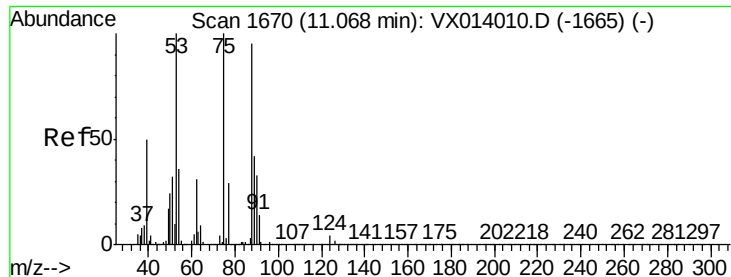
Tgt Ion: 105 Resp: 397723

Ion Ratio Lower Upper

105 100

120 49.7 25.3 75.8

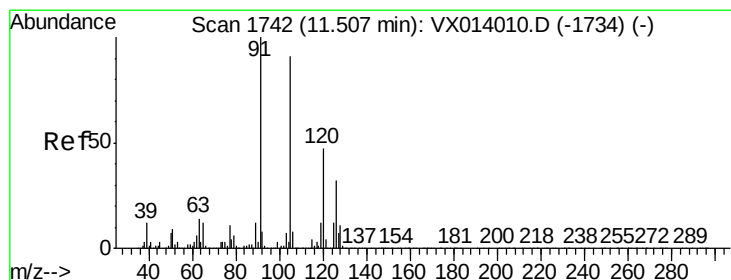
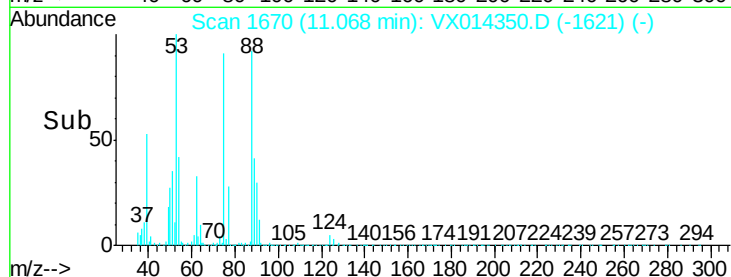
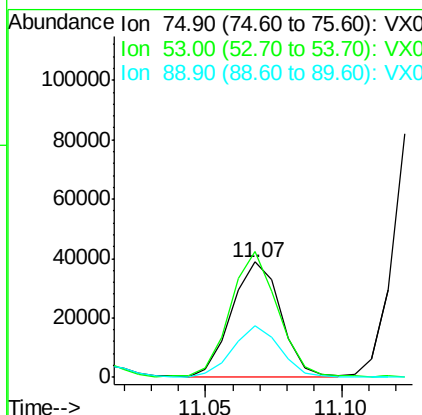
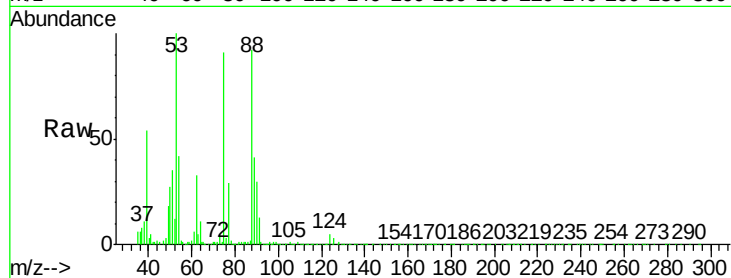




#81
trans-1,4-Dichloro-2-butene
Concen: 18.399 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

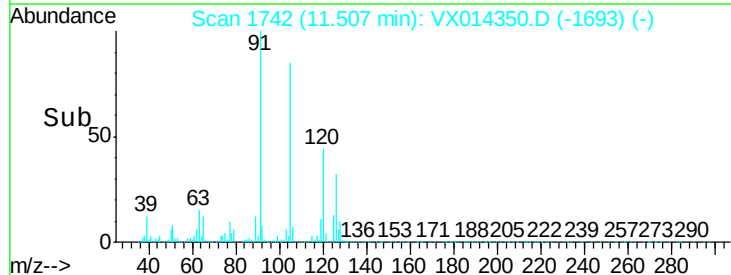
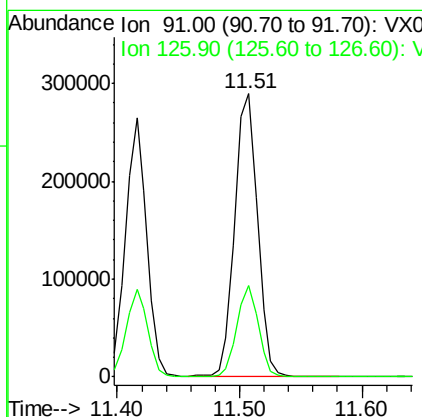
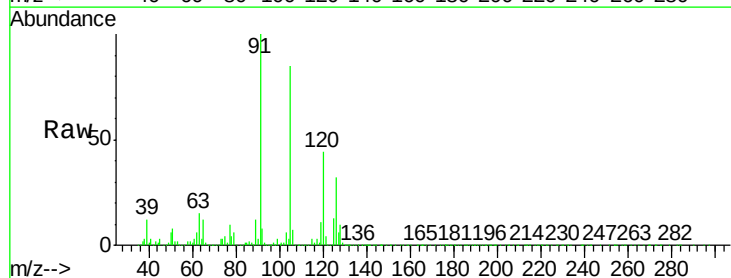
Instrument :
MSVOA_X
ClientSampled :
VX1230WBS02

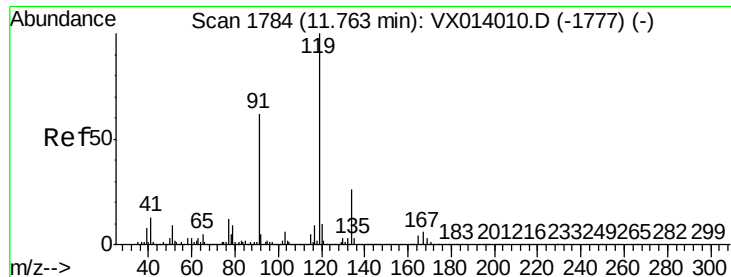
Tot Ion: 75 Resp: 48134
Ion Ratio Lower Upper
75 100
53 105.0 76.7 115.1
89 44.3 34.6 51.8



#82
4-Chlorotoluene
Concen: 19.542 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Tgt Ion: 91 Resp: 370133
Ion Ratio Lower Upper
91 100
126 30.2 15.6 46.8





#83

tert-Butylbenzene

Concen: 19.491 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBS02

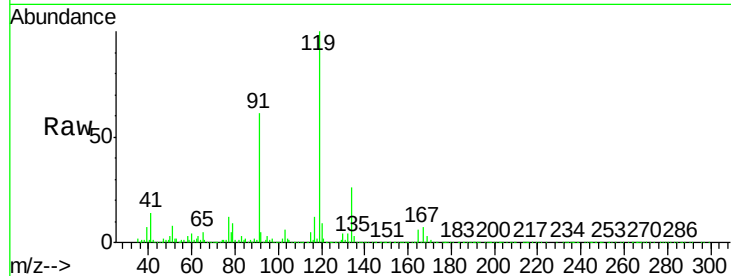
Tot Ion:119 Resp: 382281

Ion Ratio Lower Upper

119 100

91 57.8 28.5 85.6

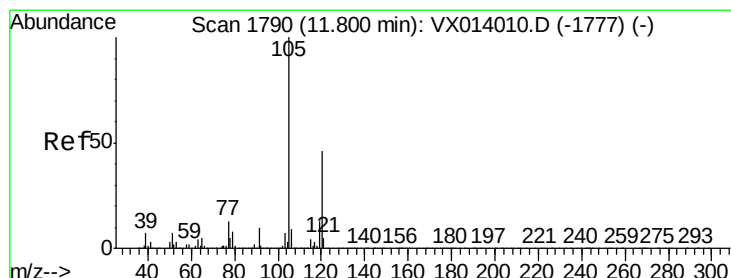
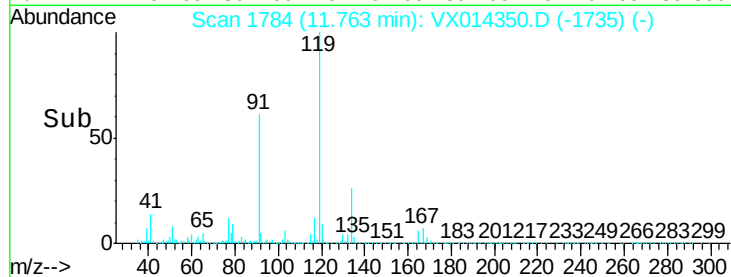
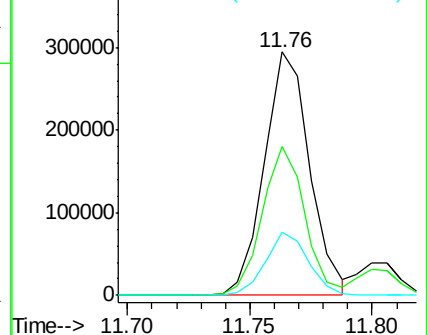
134 24.6 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.888 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX014350.D

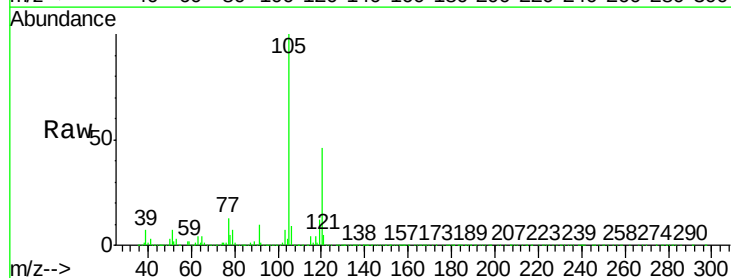
Acq: 30 Dec 2019 13:37

Tgt Ion:105 Resp: 401412

Ion Ratio Lower Upper

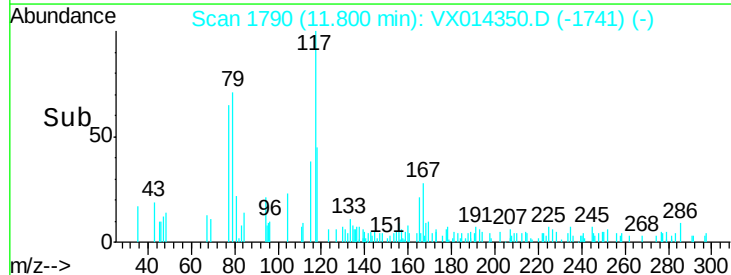
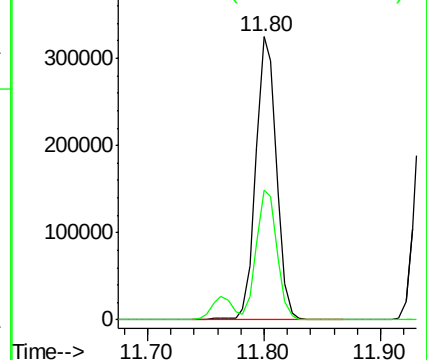
105 100

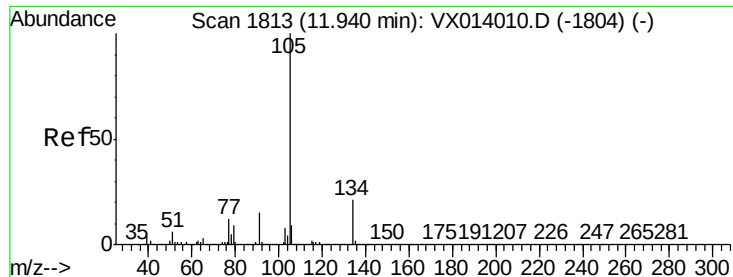
120 45.8 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.081 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

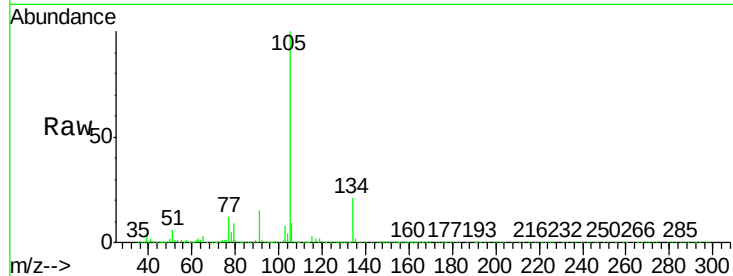
VX1230WBS02

Tot Ion:105 Resp: 464946

Ion Ratio Lower Upper

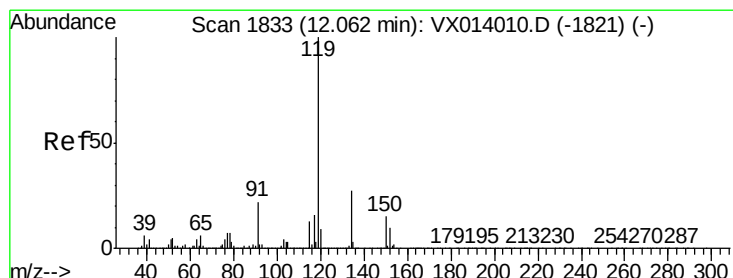
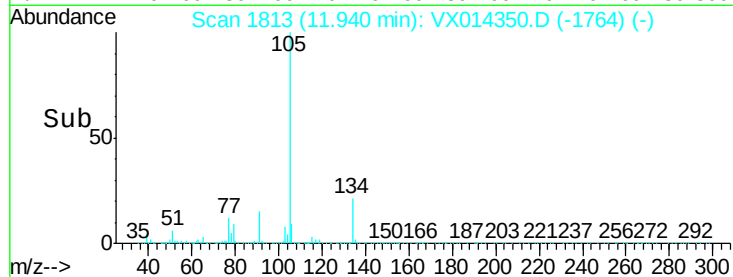
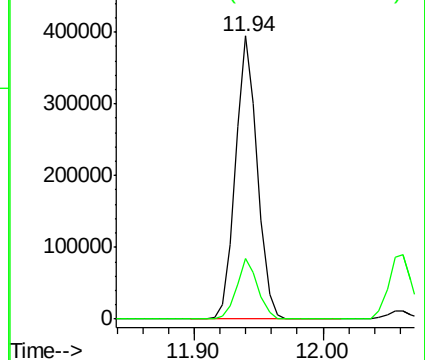
105 100

134 20.6 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.968 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

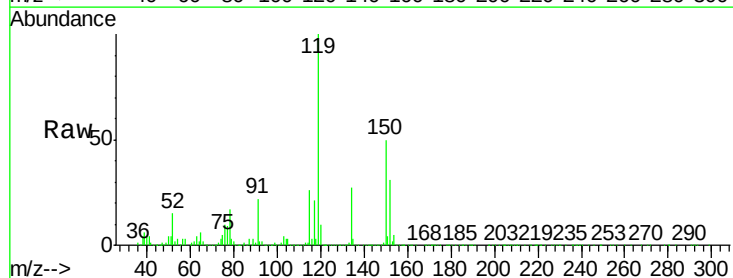
Tgt Ion:119 Resp: 422926

Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.1

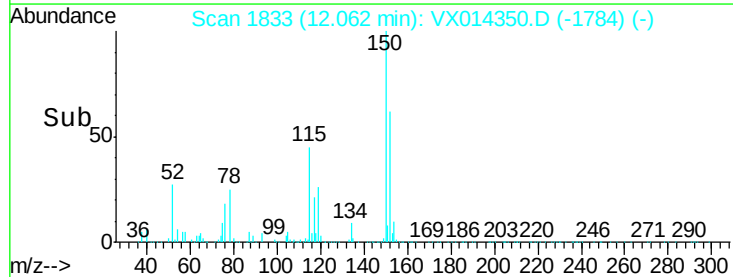
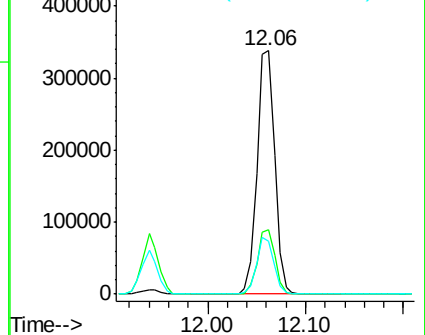
91 22.6 11.4 34.1

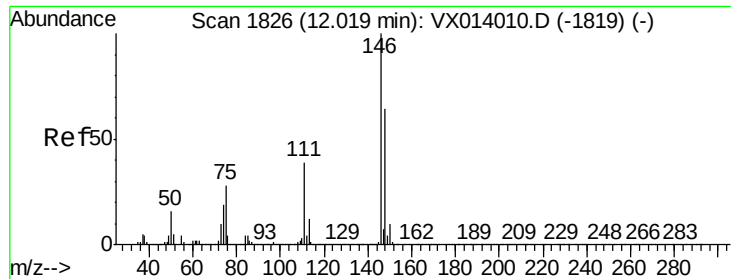


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

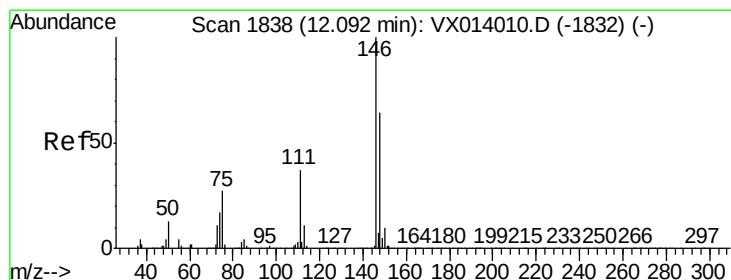
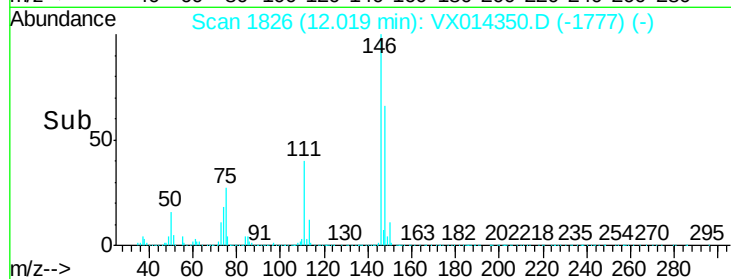
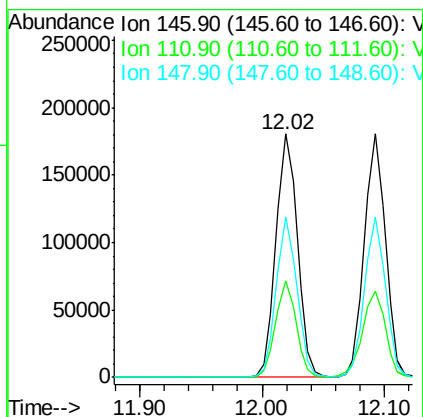
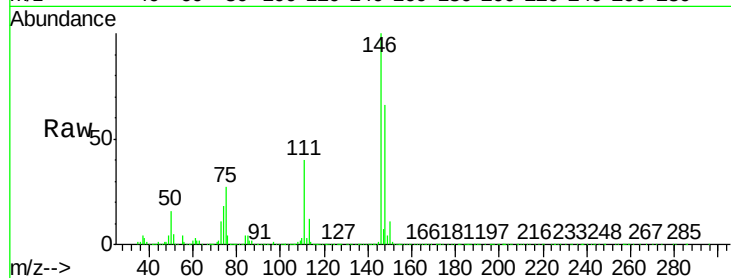




#87
 1,3-Dichlorobenzene
 Concen: 19.018 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014350.D
 Acq: 30 Dec 2019 13:37

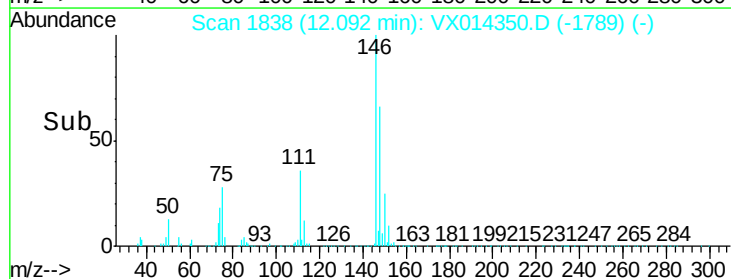
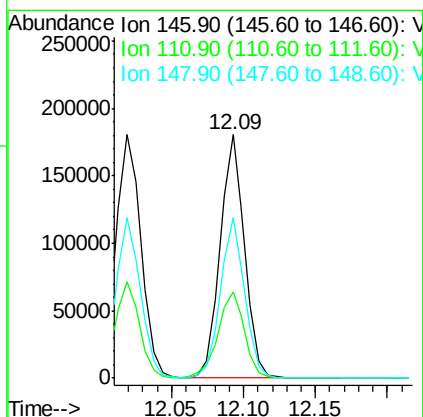
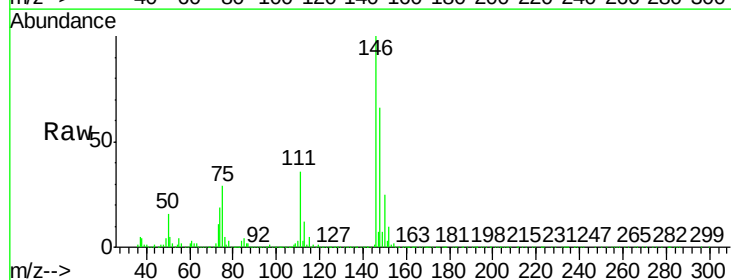
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1230WBS02

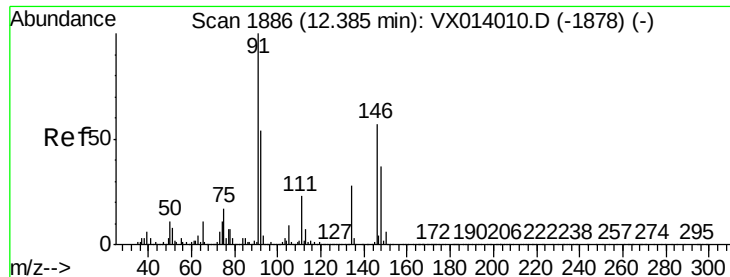
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.1	57.1
148	63.6	32.3	96.9



#88
 1,4-Dichlorobenzene
 Concen: 18.305 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014350.D
 Acq: 30 Dec 2019 13:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.7	56.1
148	65.3	31.9	95.9

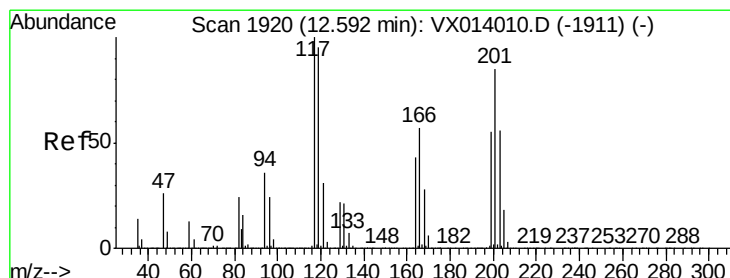
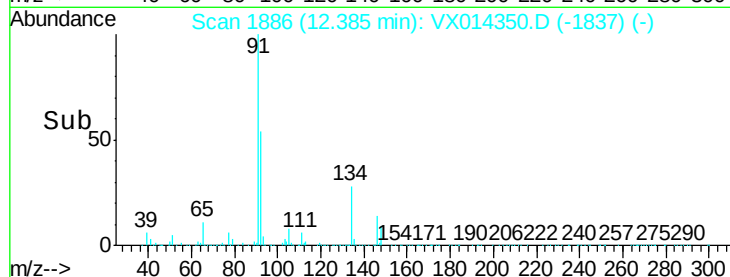
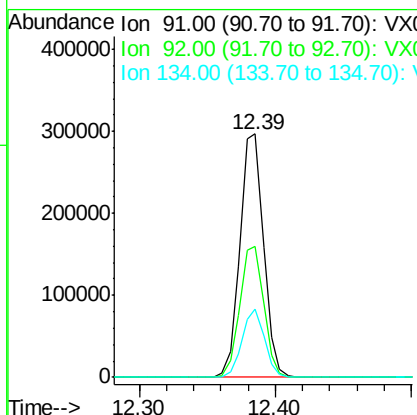
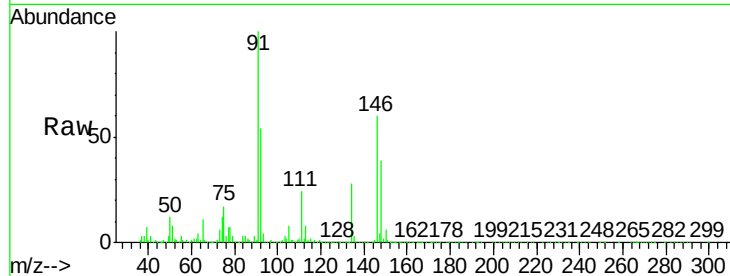




#89
n-Butylbenzene
Concen: 19.849 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

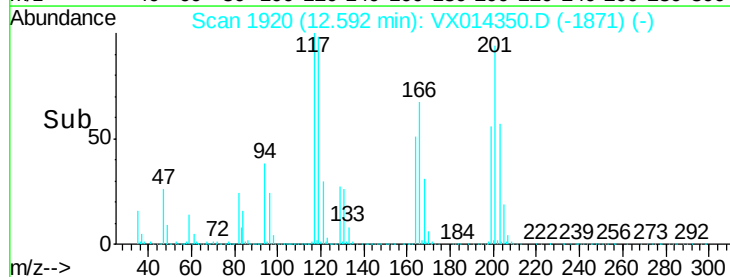
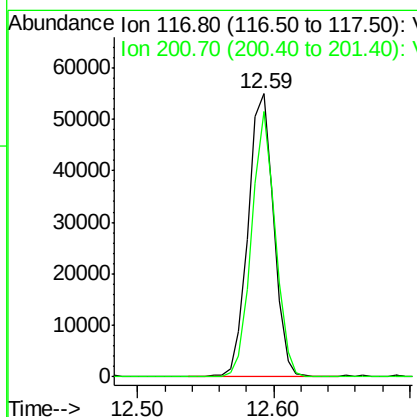
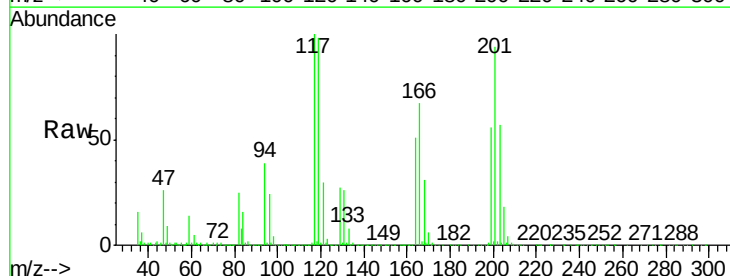
Instrument :
MSVOA_X
ClientSampleId :
VX1230WBS02

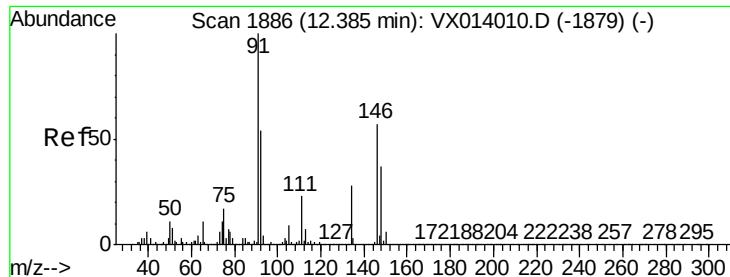
Tot Ion: 91 Resp: 358711
Ion Ratio Lower Upper
91 100
92 54.6 27.2 81.6
134 26.6 13.4 40.1



#90
Hexachloroethane
Concen: 19.142 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Tgt Ion: 117 Resp: 72822
Ion Ratio Lower Upper
117 100
201 86.7 43.1 129.3

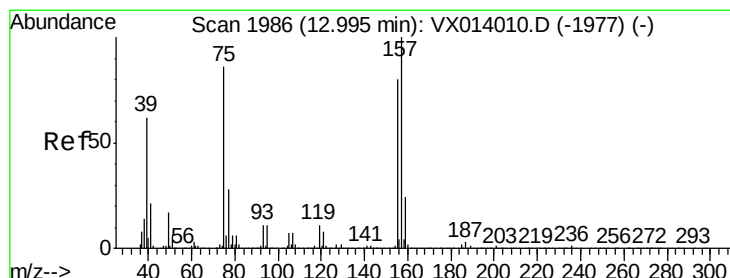
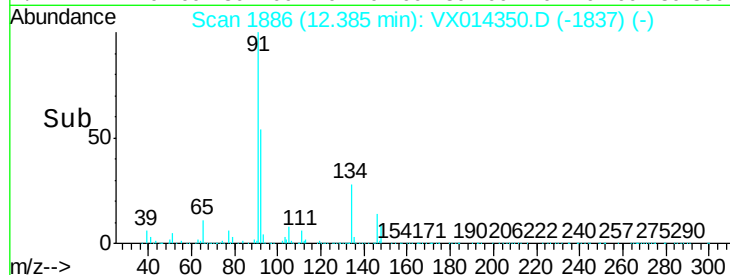
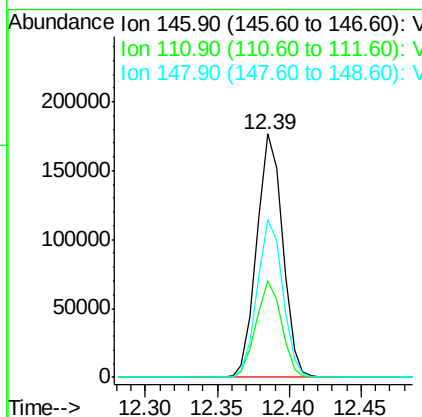
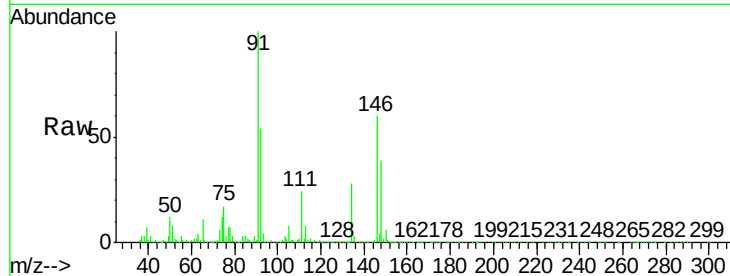




#91
 1,2-Dichlorobenzene
 Concen: 18.842 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014350.D
 Acq: 30 Dec 2019 13:37

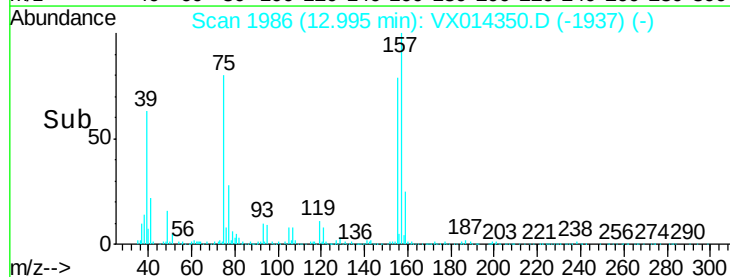
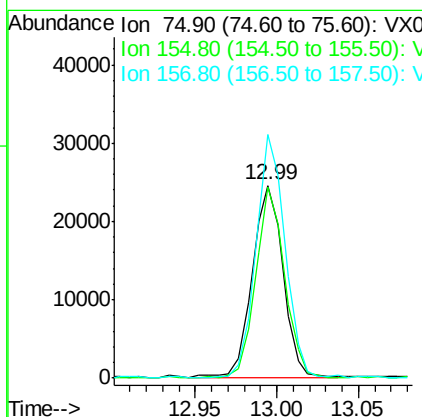
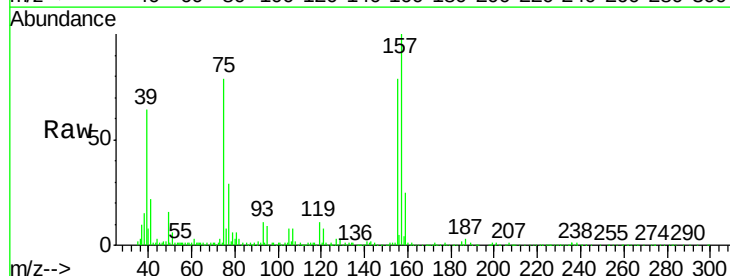
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1230WBS02

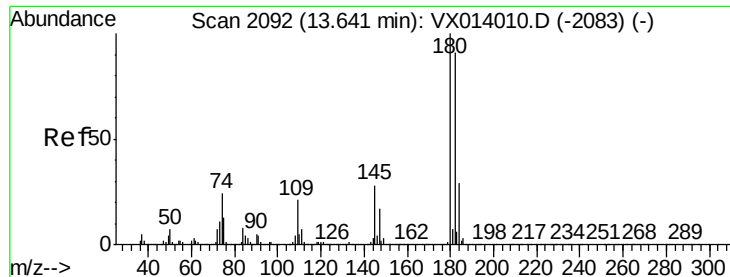
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.7	59.1
148	64.0	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.571 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014350.D
 Acq: 30 Dec 2019 13:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.4	46.9	140.6
157	119.0	60.8	182.4

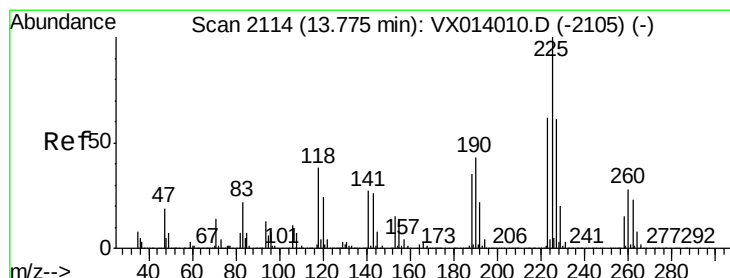
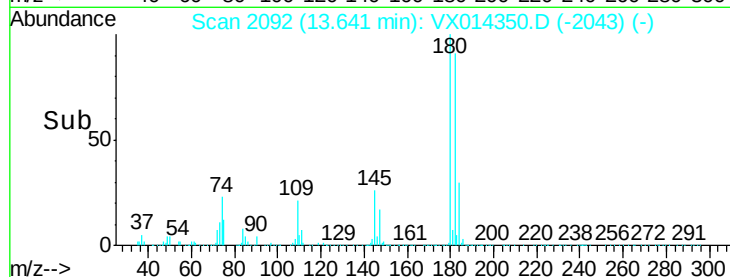
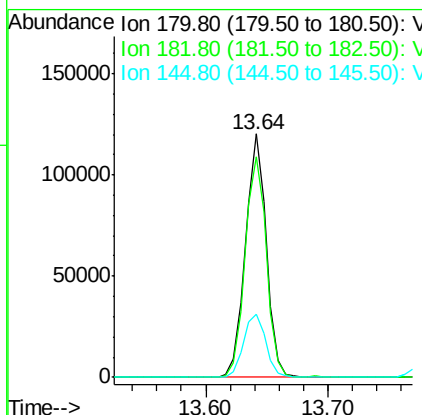
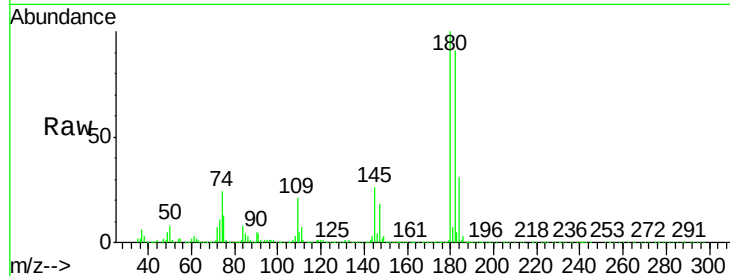




#93
 1,2,4-Trichlorobenzene
 Concen: 18.732 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014350.D
 Acq: 30 Dec 2019 13:37

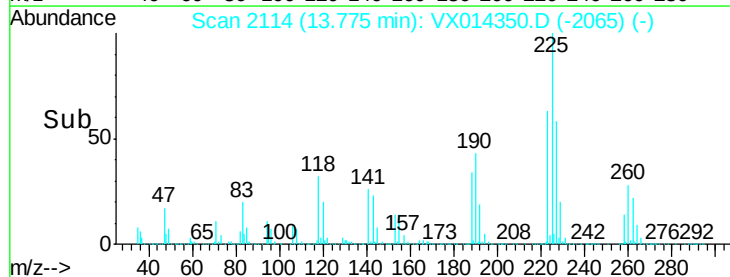
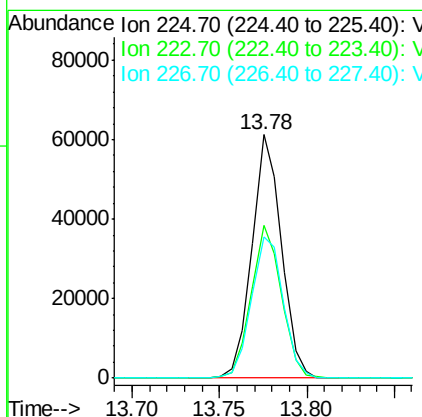
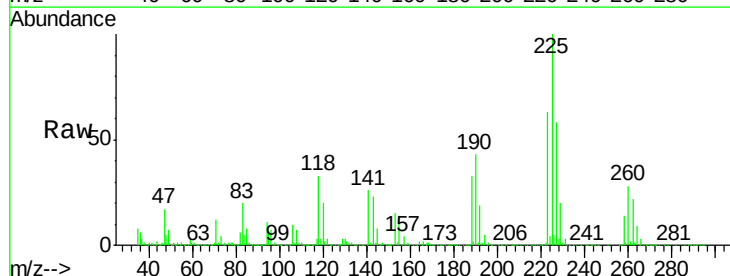
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1230WBS02

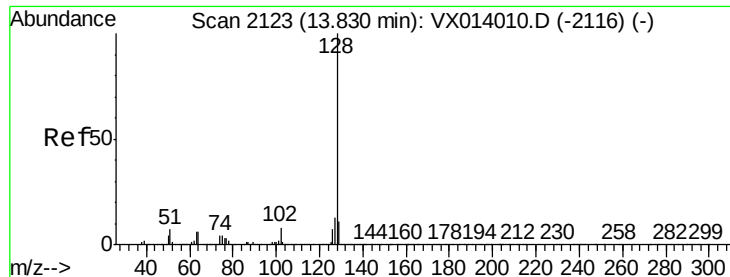
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.0	46.6	139.8
145	27.2	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 19.711 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014350.D
 Acq: 30 Dec 2019 13:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	30.9	92.5
227	63.0	30.9	92.7

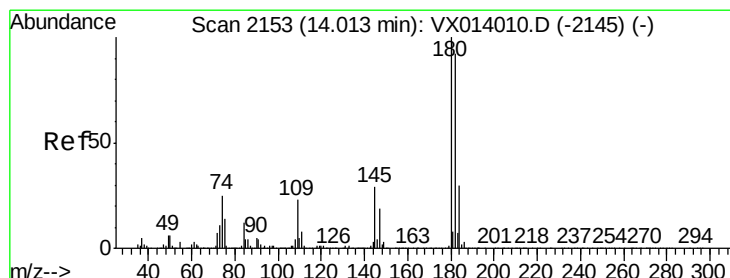
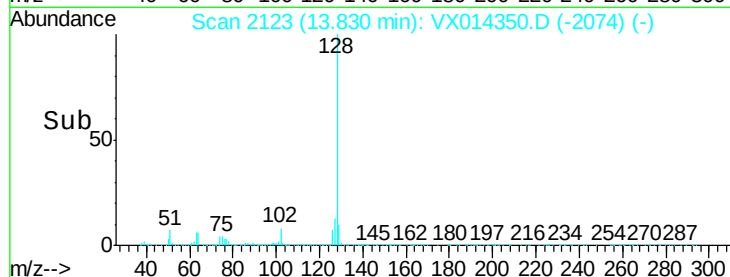
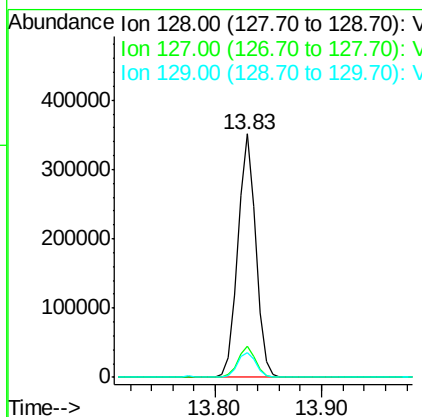
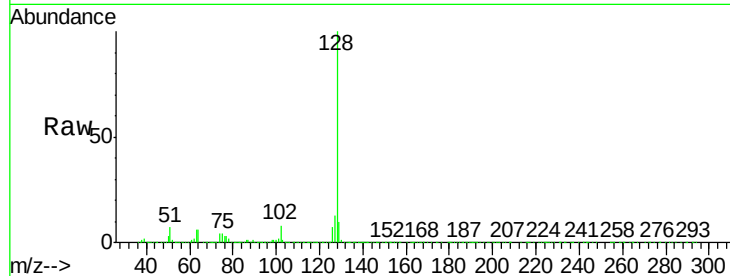




#95
Naphthalene
Concen: 18.748 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBS02

Tot Ion:128 Resp: 416169
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.4
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.036 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Tgt Ion:180 Resp: 141974
Ion Ratio Lower Upper
180 100
182 95.1 46.8 140.3
145 30.6 14.8 44.4

