

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 :

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
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

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

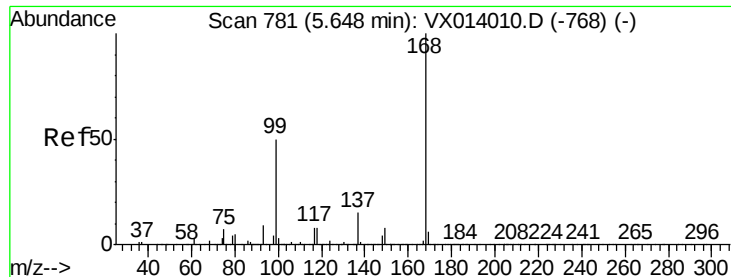
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX123019\
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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

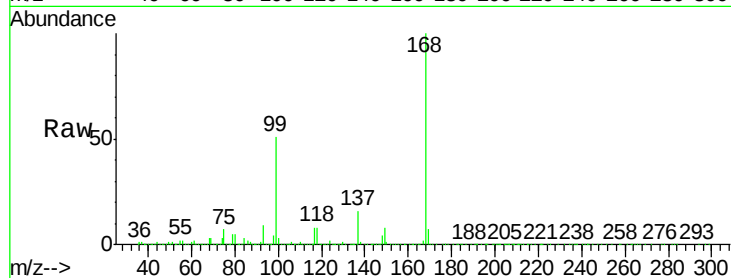
ClientSampled :

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

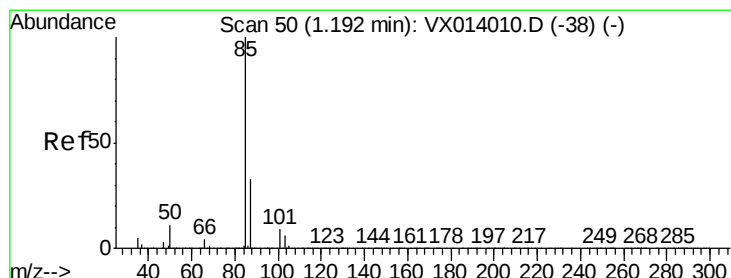
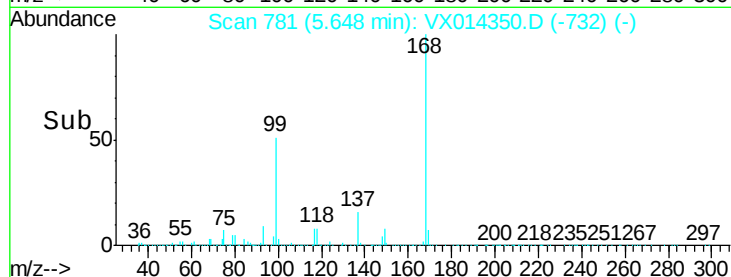
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 16.310 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014350.D

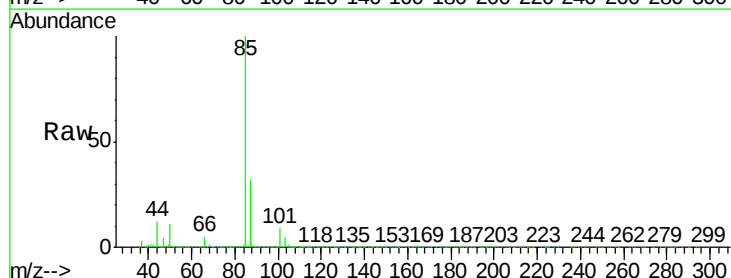
Acq: 30 Dec 2019 13:37

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

60000

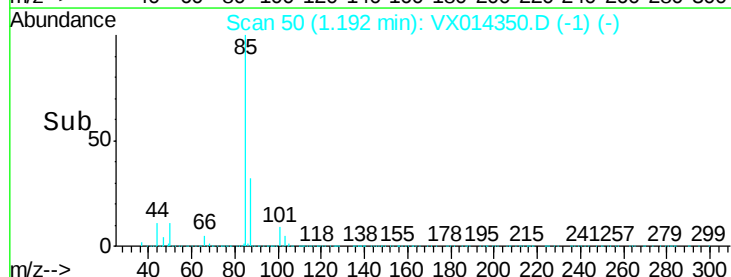
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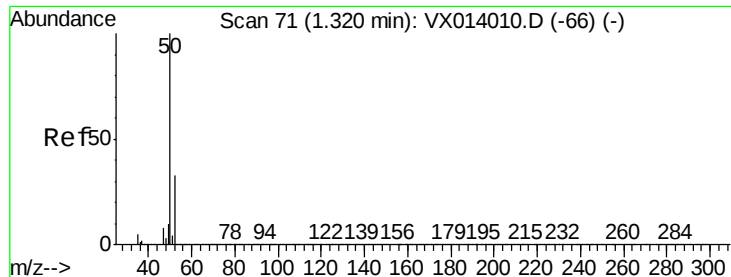
20000

0

Time-->

1.15 1.20 1.25





#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

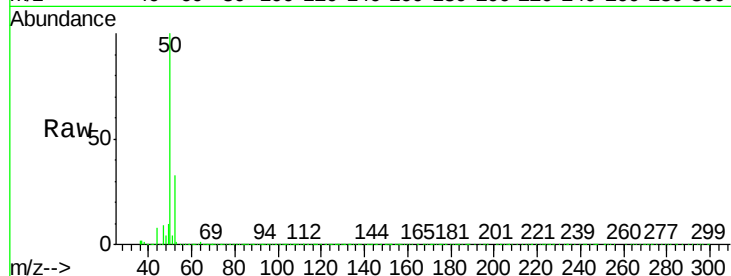
ClientSampleId :

Tot Ion: 50 Resp: 106714

Ion Ratio Lower Upper

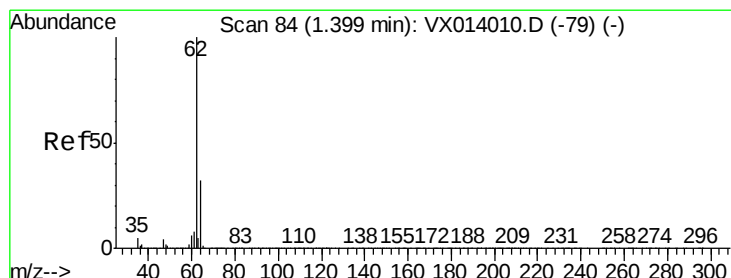
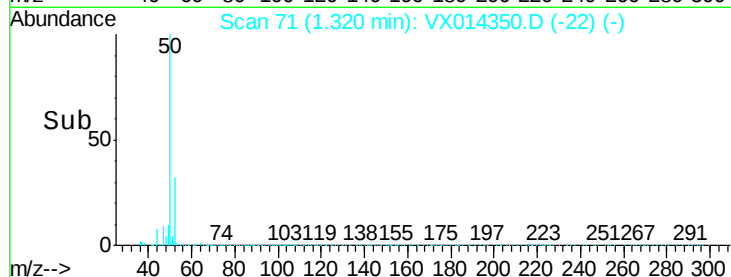
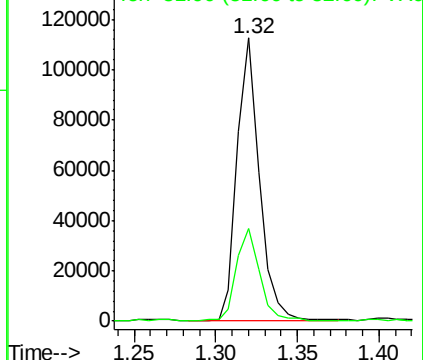
50 100

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



#4

Vinyl Chloride

Concen: 17.514 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014350.D

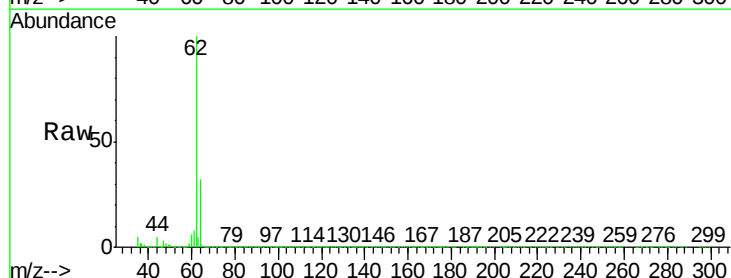
Acq: 30 Dec 2019 13:37

Tgt Ion: 62 Resp: 113447

Ion Ratio Lower Upper

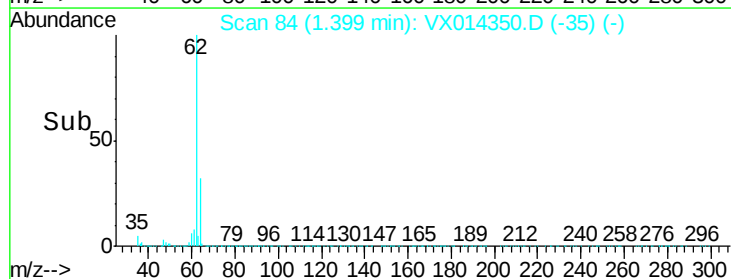
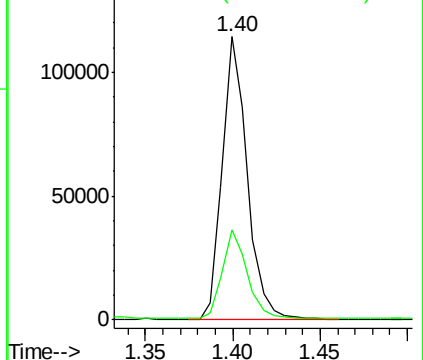
62 100

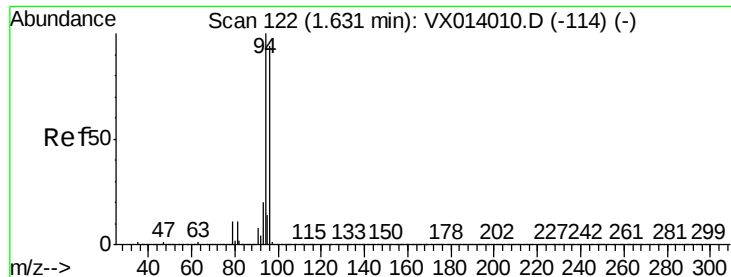
64 31.6 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#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

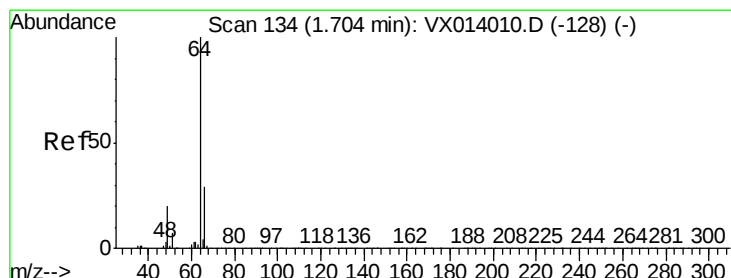
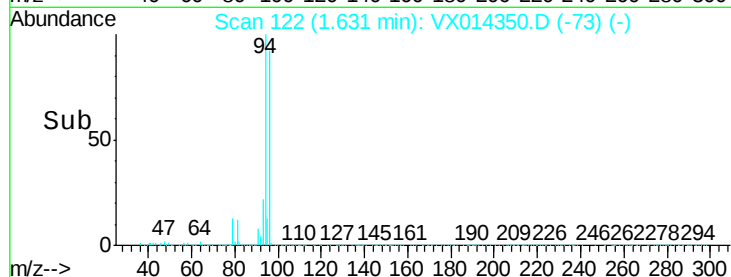
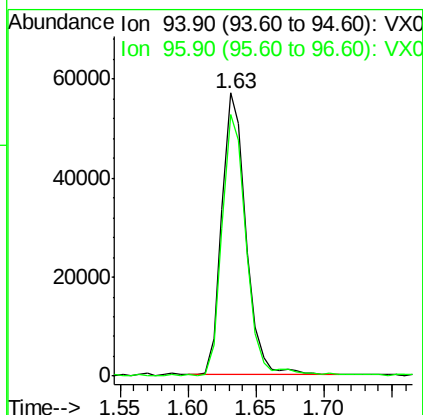
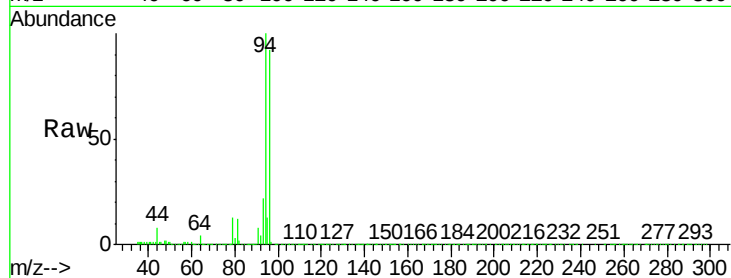
ClientSampleId :

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

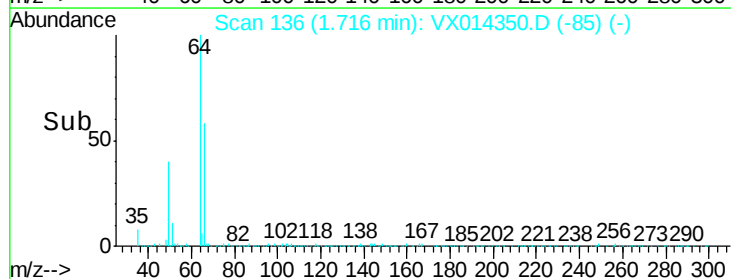
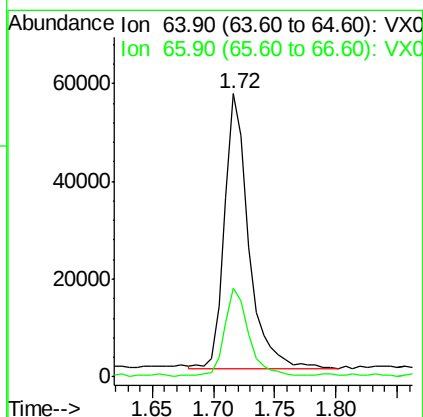
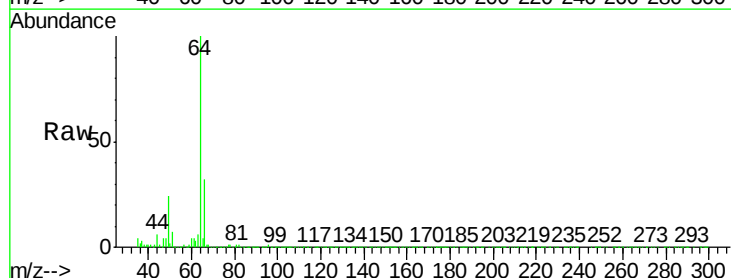
Acq: 30 Dec 2019 13:37

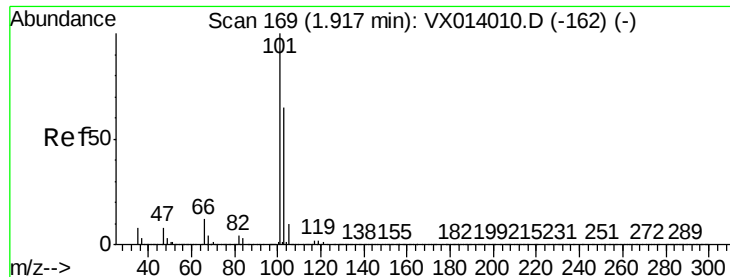
Tgt Ion: 64 Resp: 76353

Ion Ratio Lower Upper

64 100

66 31.9 23.4 35.2



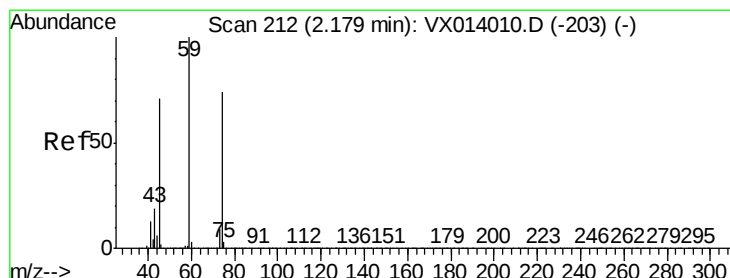
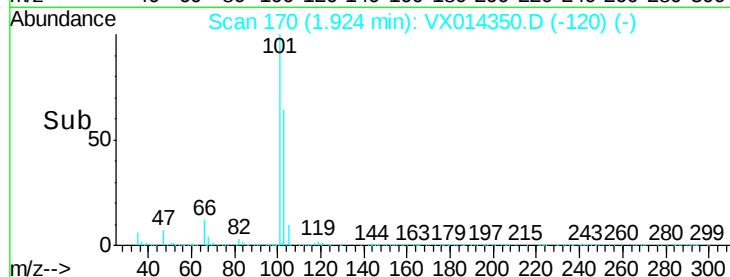
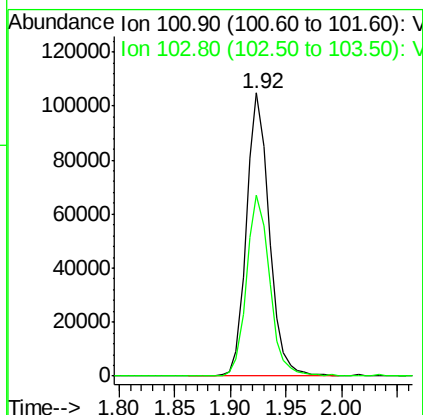
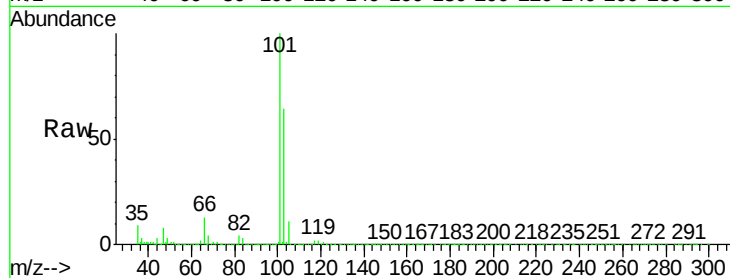


#7

Trichlorofluoromethane
Concen: 18.523 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Instrument :
MSVOA_X
ClientSampled :

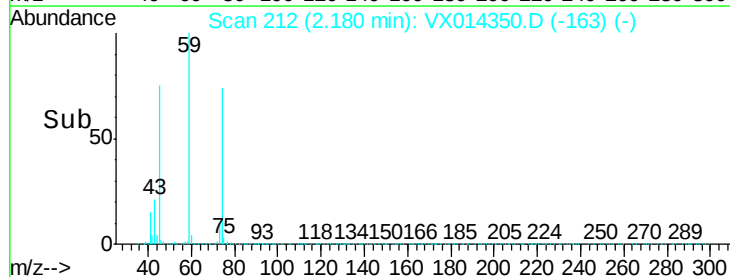
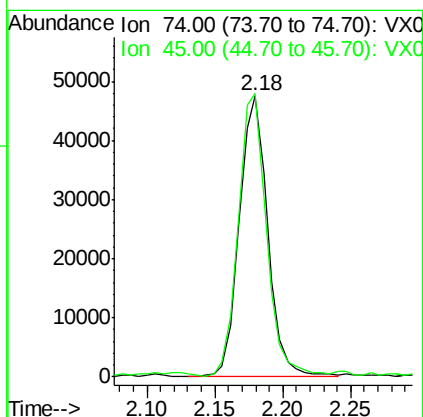
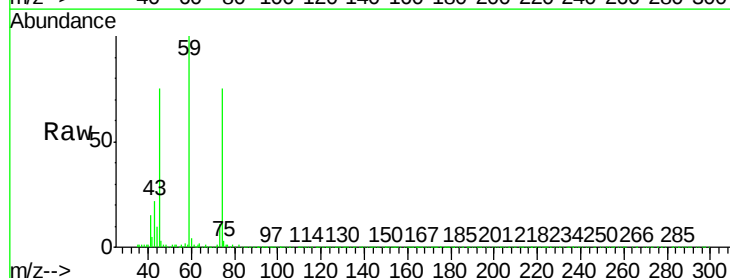
Tot Ion:101 Resp: 148524
Ion Ratio Lower Upper
101 100
103 63.8 52.2 78.4



#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 :

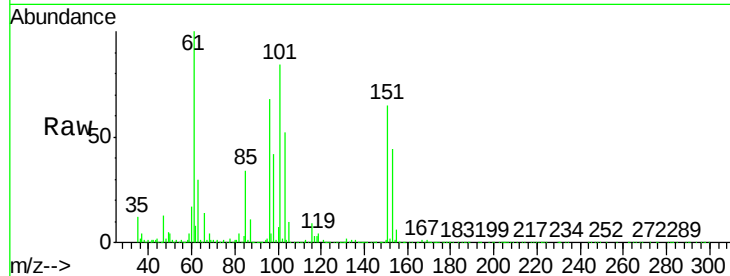
Tot Ion:101 Resp: 92531

Ion Ratio Lower Upper

101 100

85 41.2 33.7 50.5

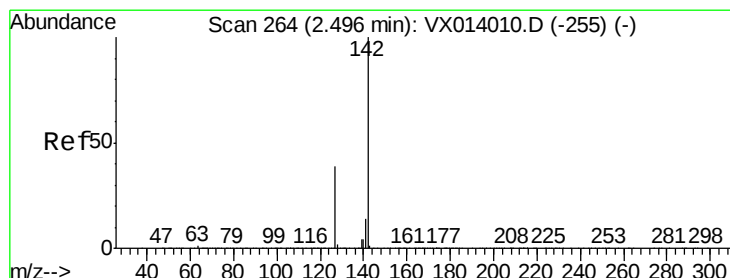
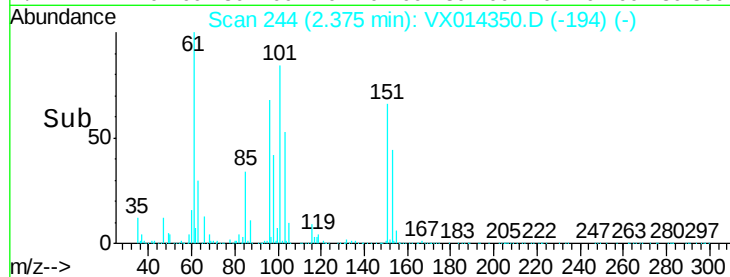
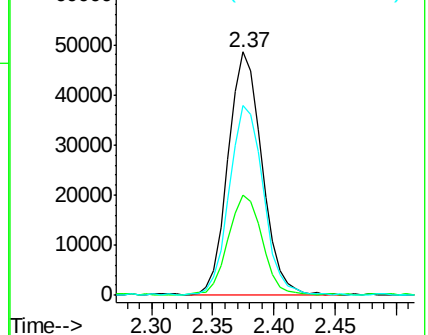
151 78.7 64.5 96.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 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

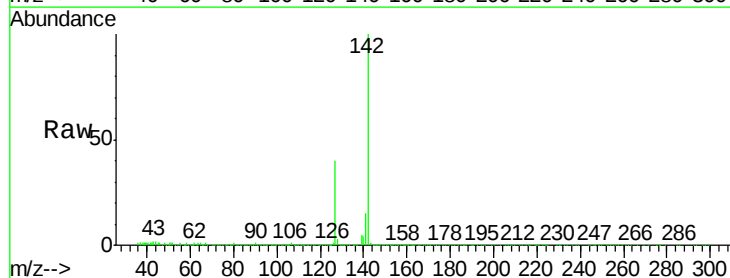
Tgt Ion:142 Resp: 93875

Ion Ratio Lower Upper

142 100

127 38.6 31.6 47.4

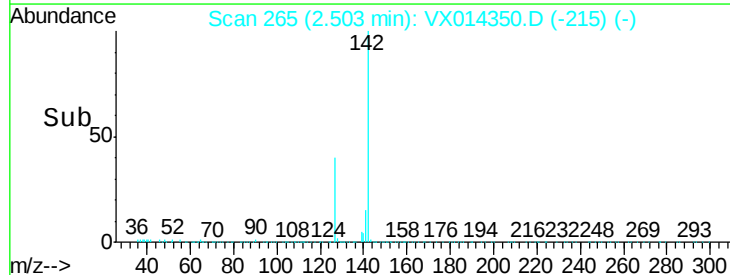
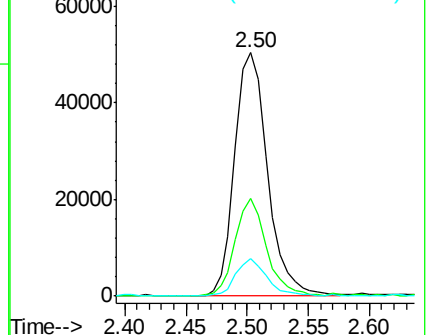
141 14.3 11.6 17.4

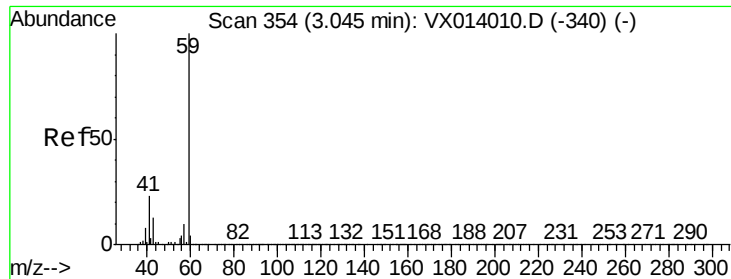


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

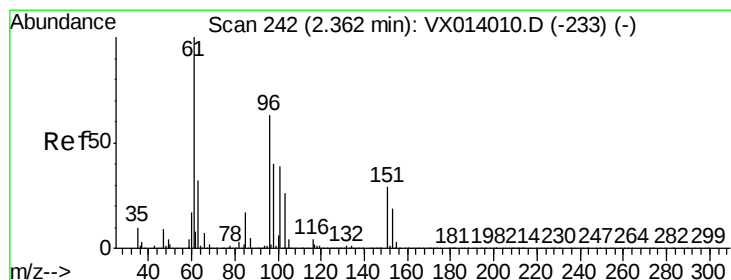
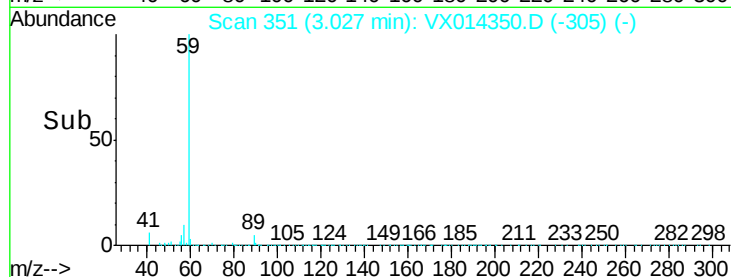
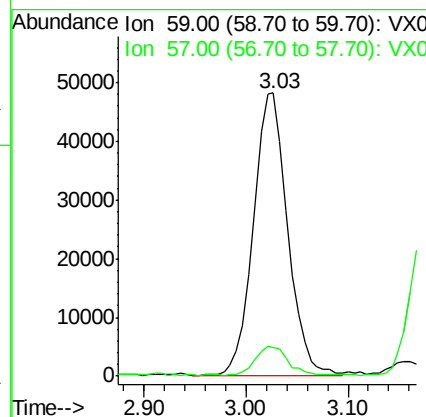
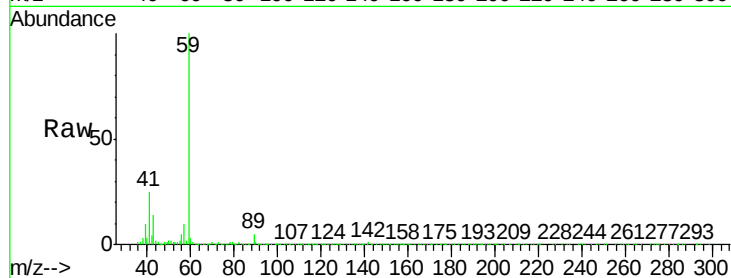




#11
Tert butyl alcohol
Concen: 89.975 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

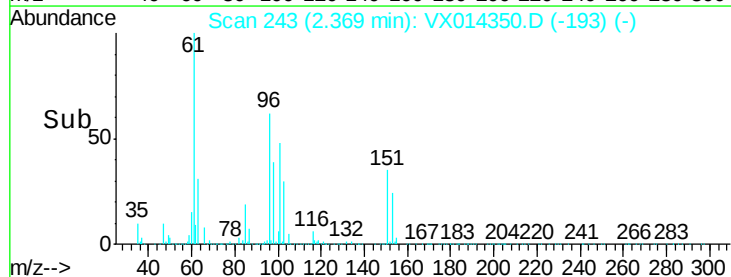
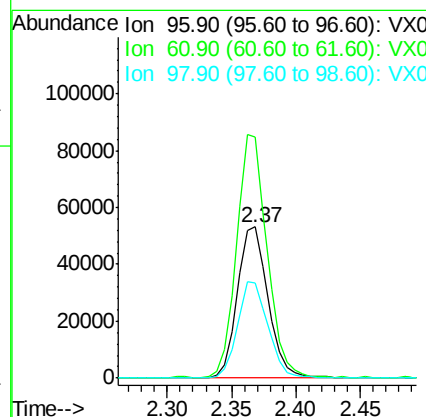
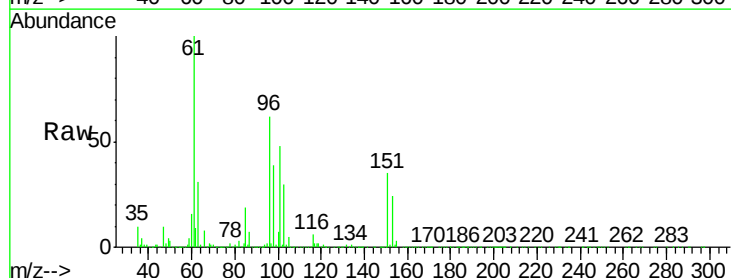
Instrument :
MSVOA_X
ClientSampled :

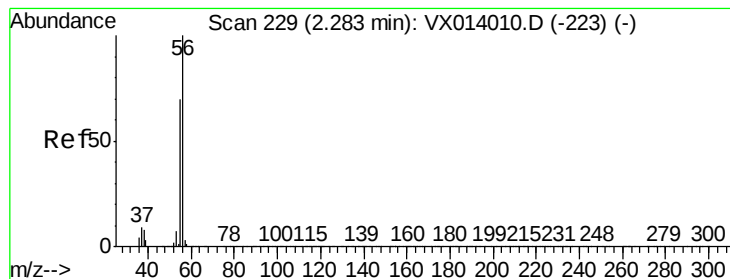
Tot Ion: 59 Resp: 112661
Ion Ratio Lower Upper
59 100
57 9.6 8.4 12.6



#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

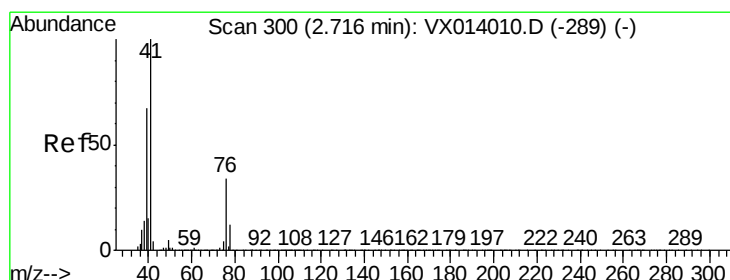
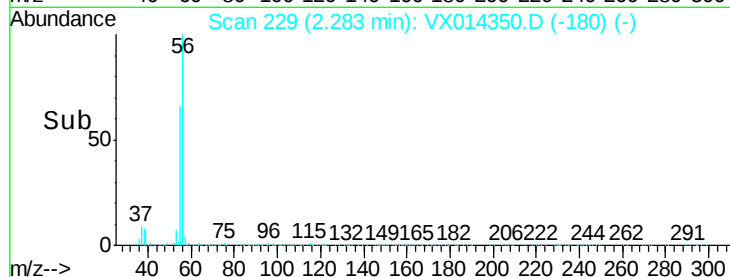
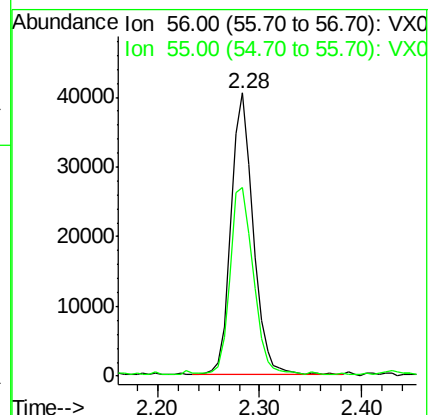
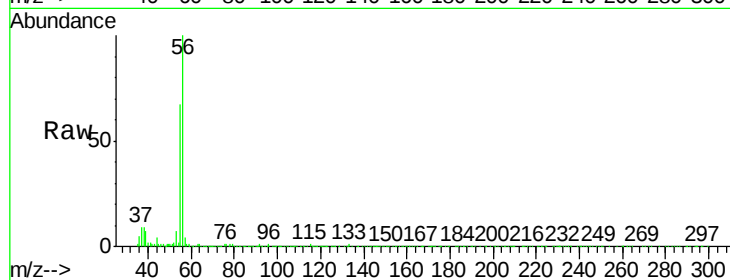
Instrument :
MSVOA_X
ClientSampleId :

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

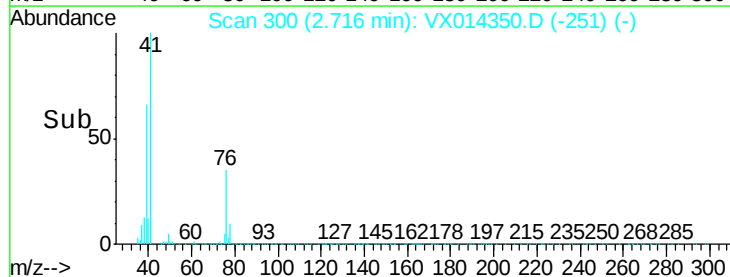
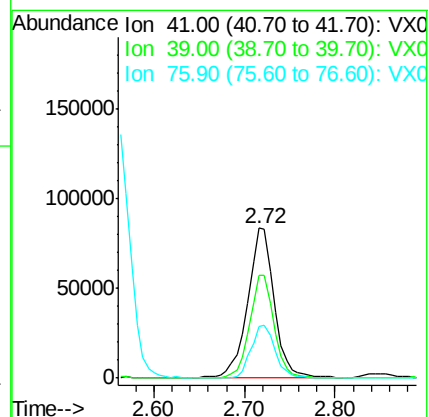
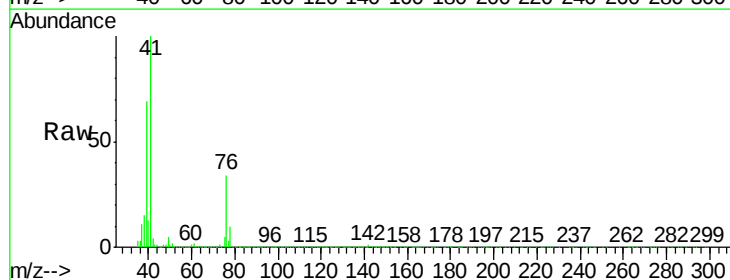
Tgt Ion: 41 Resp: 167014

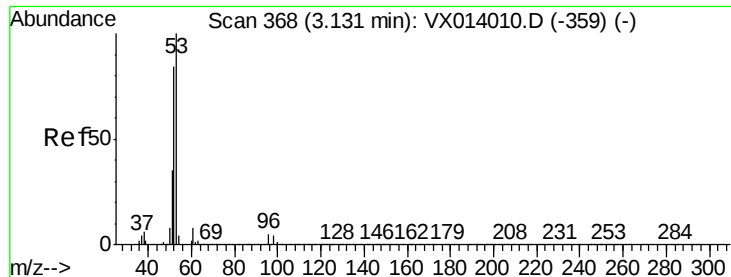
Ion Ratio Lower Upper

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 :

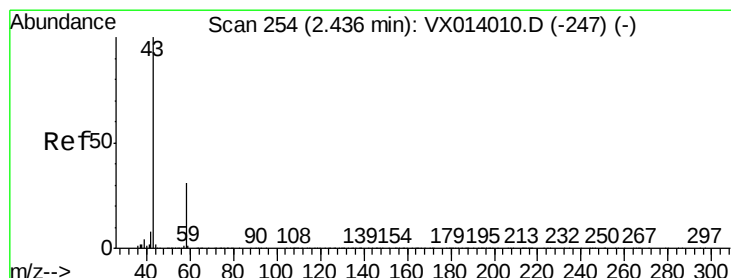
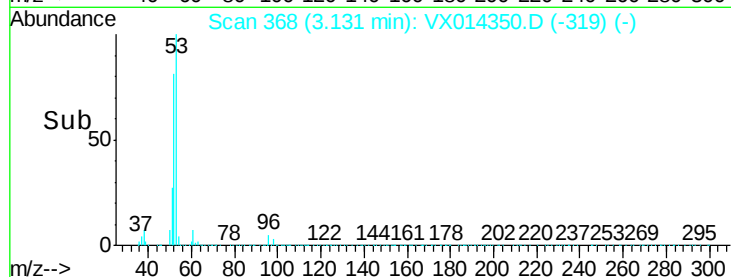
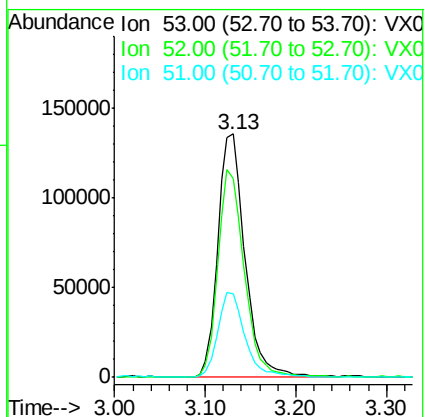
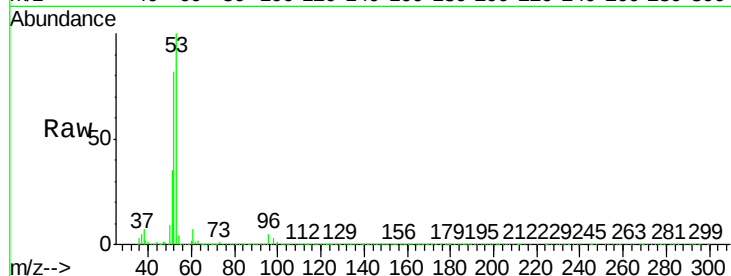
Tot Ion: 53 Resp: 283426

Ion Ratio Lower Upper

53 100

52 82.6 66.5 99.7

51 35.0 28.1 42.1



#16

Acetone

Concen: 67.424 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014350.D

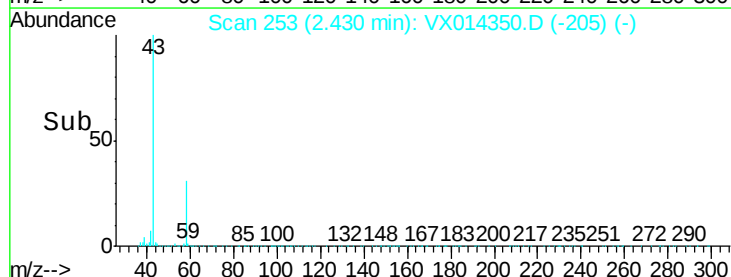
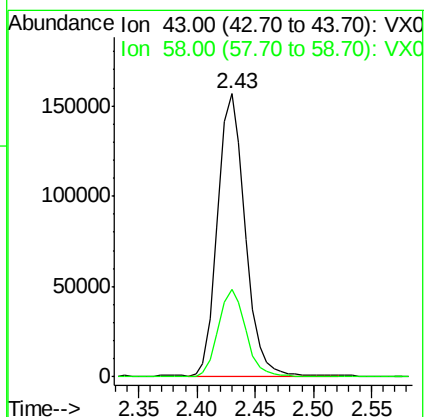
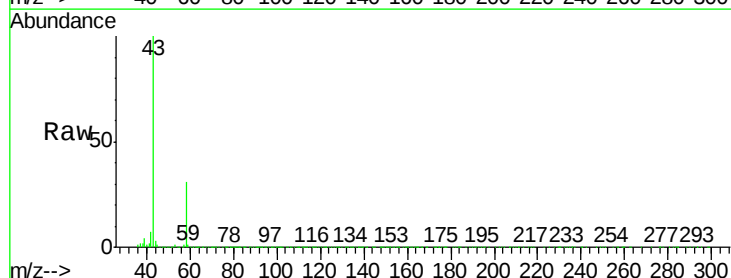
Acq: 30 Dec 2019 13:37

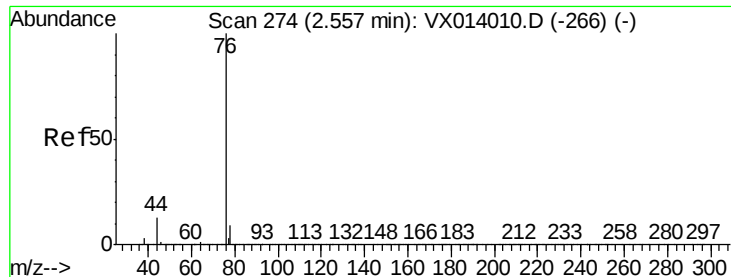
Tgt Ion: 43 Resp: 253658

Ion Ratio Lower Upper

43 100

58 31.0 24.9 37.3





#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

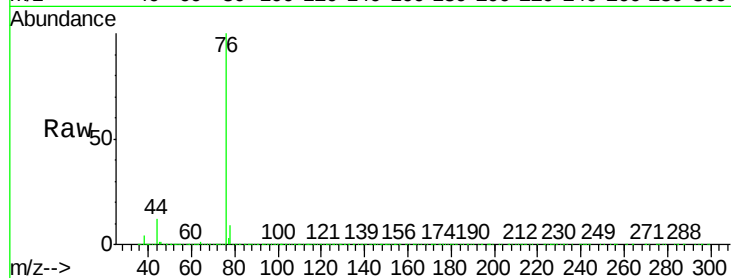
ClientSampled :

Tot Ion: 76 Resp: 221128

Ion Ratio Lower Upper

76 100

78 8.7 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

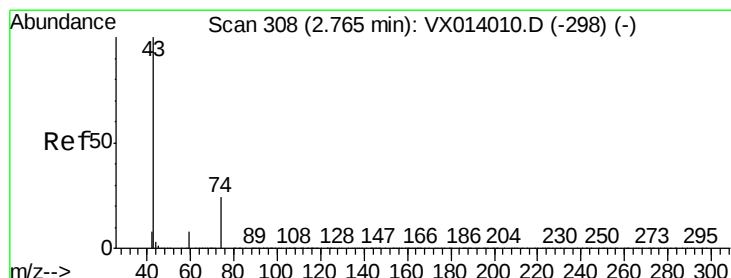
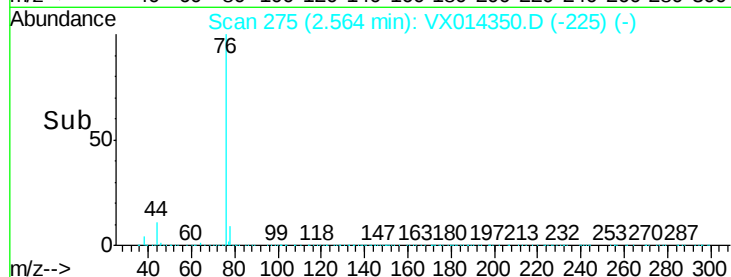
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 19.574 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014350.D

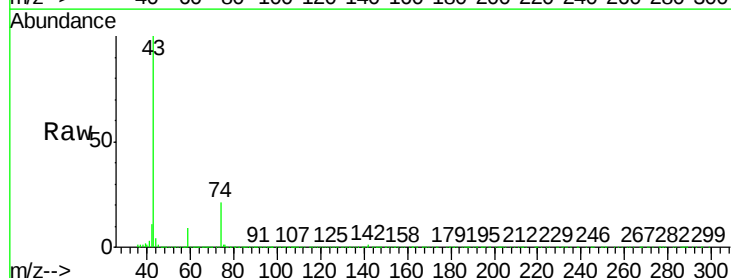
Acq: 30 Dec 2019 13:37

Tgt Ion: 43 Resp: 145919

Ion Ratio Lower Upper

43 100

74 22.7 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

80000

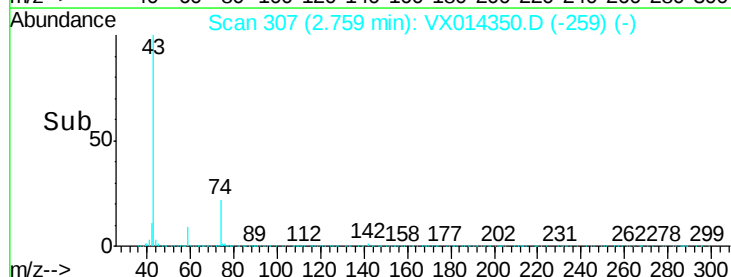
60000

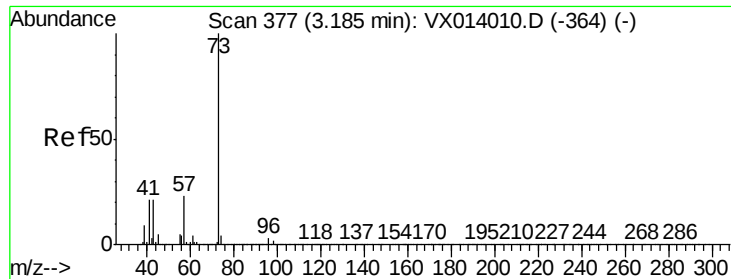
40000

20000

0

Time-->

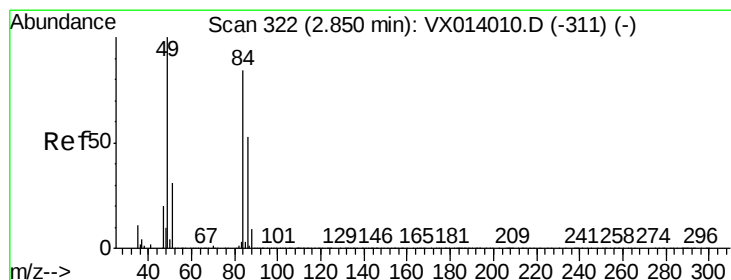
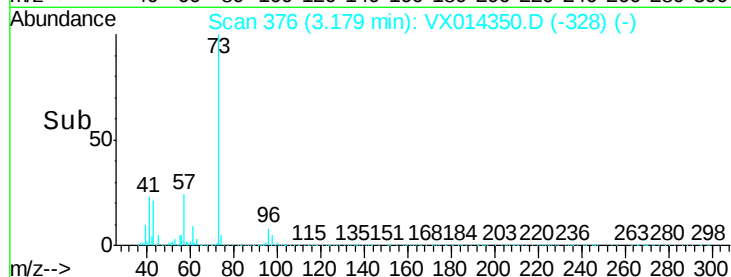
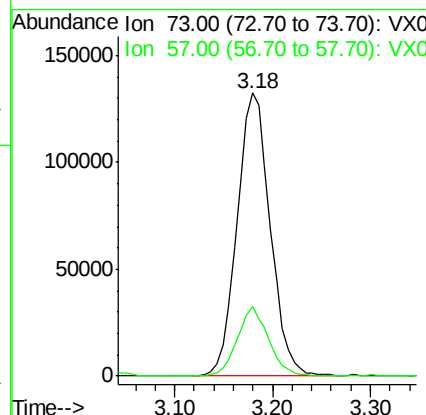
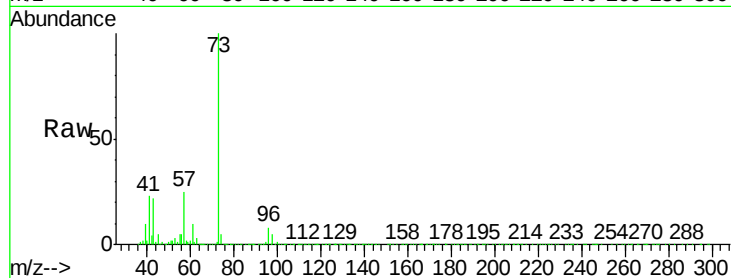




#19
Methvl tert-butvl Ether
Concen: 19.172 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

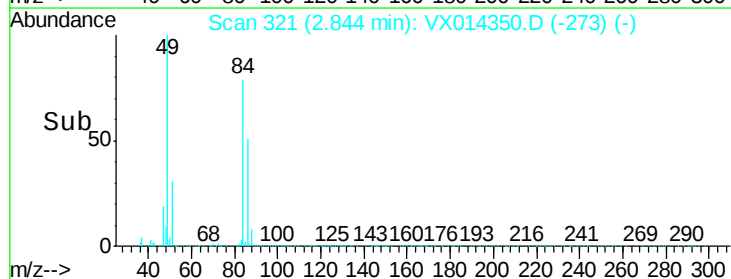
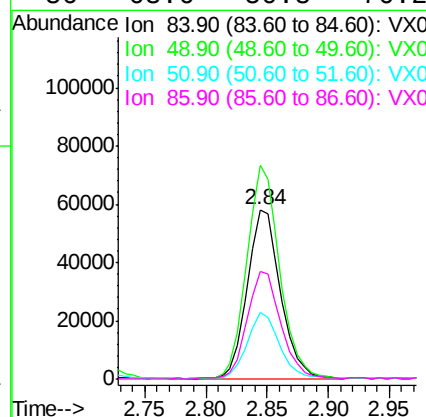
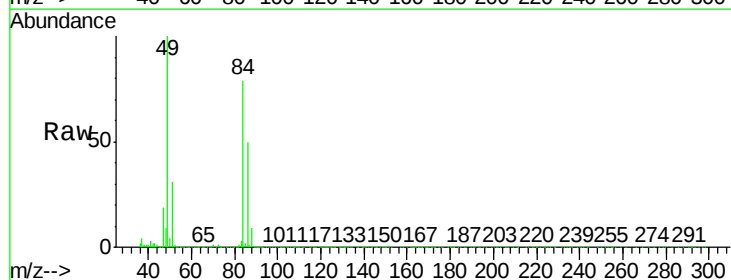
Instrument :
MSVOA_X
ClientSampleId :

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 :

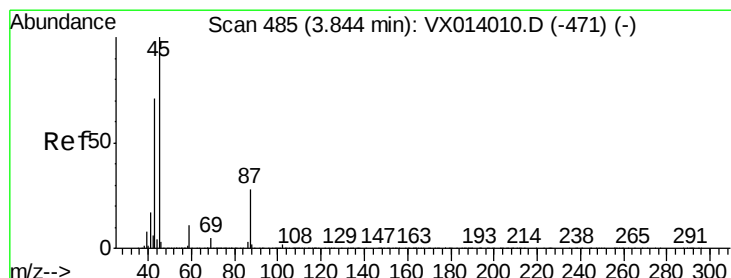
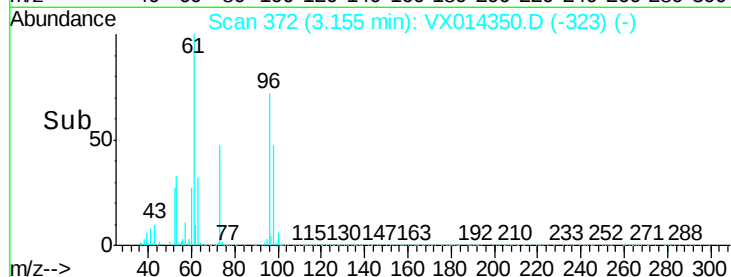
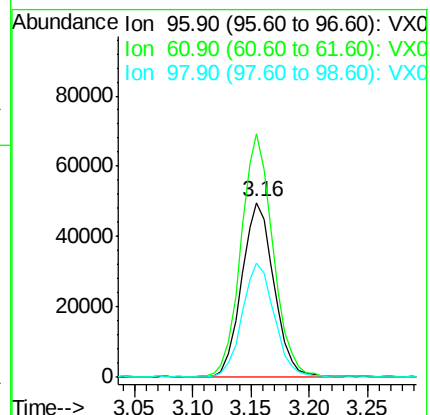
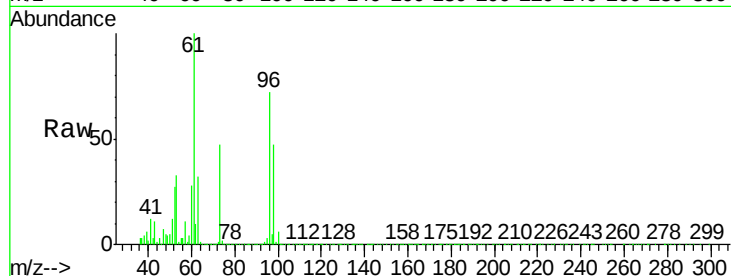
Tot Ion: 96 Resp: 96654

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

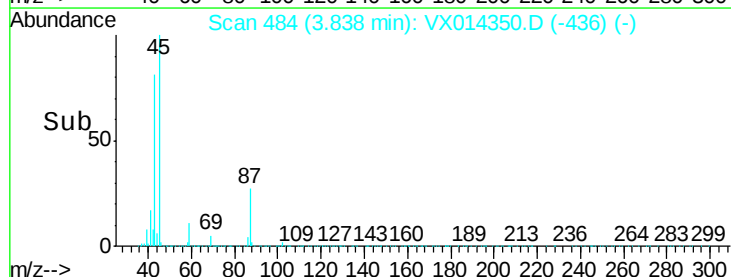
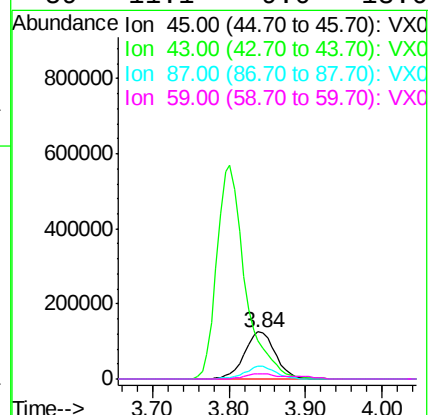
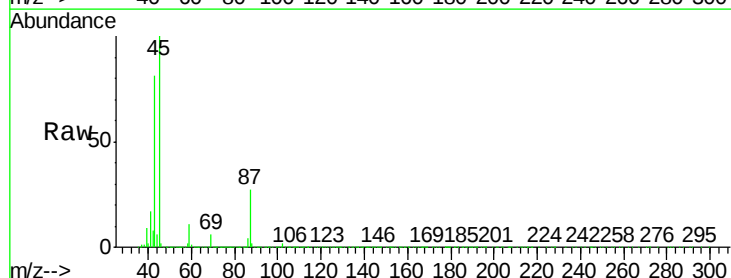
Ion Ratio Lower Upper

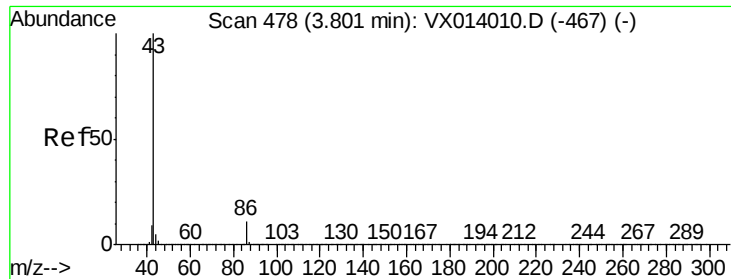
45 100

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

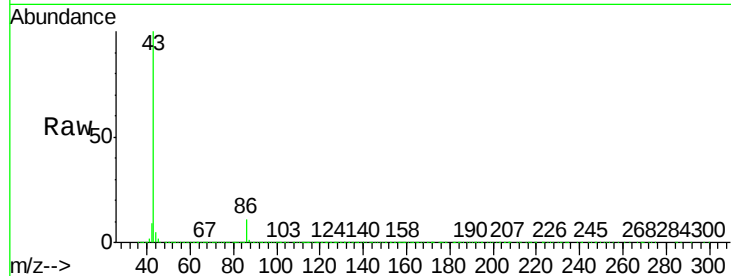
ClientSampleId :

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

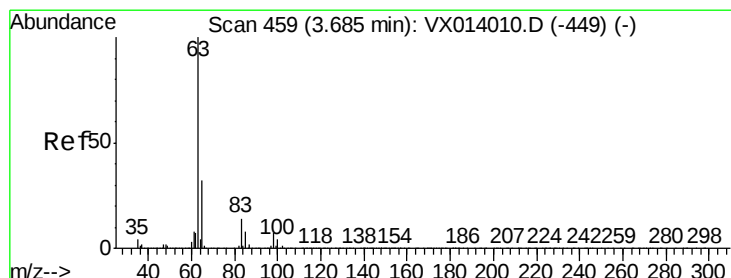
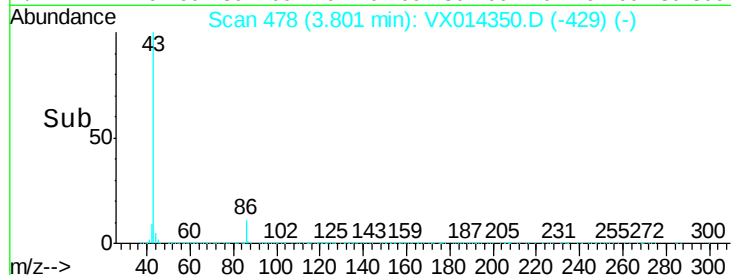
600000

400000

200000

0

Time-->



#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

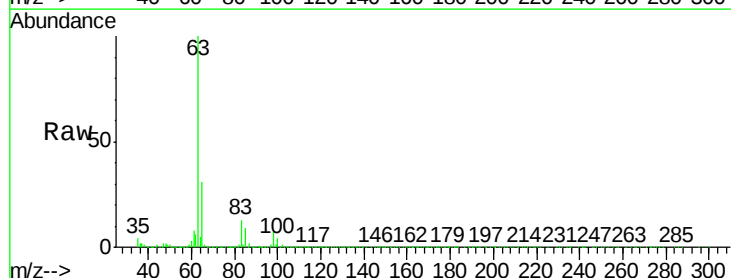
Tgt Ion: 63 Resp: 183055

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

3.69

100000

80000

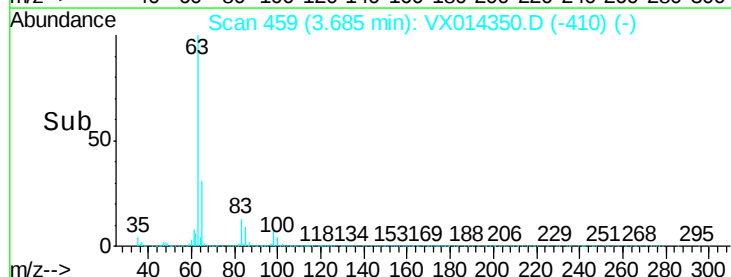
60000

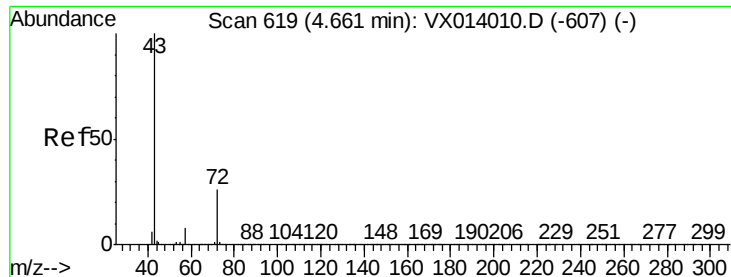
40000

20000

0

Time-->





#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

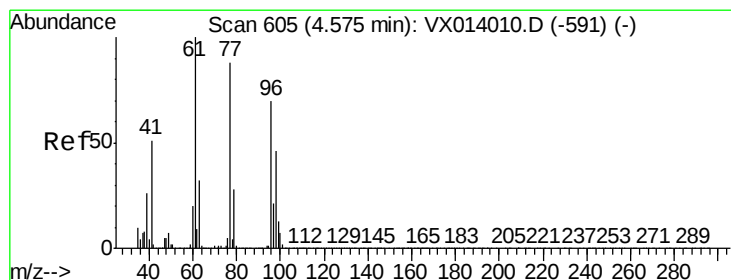
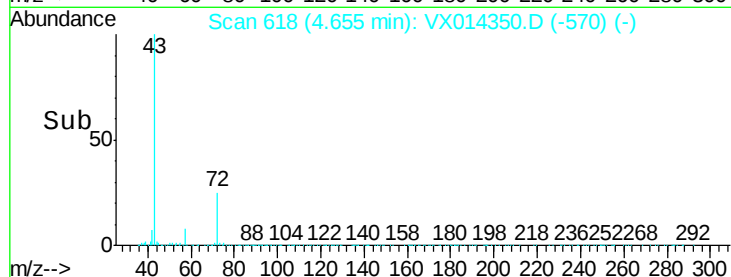
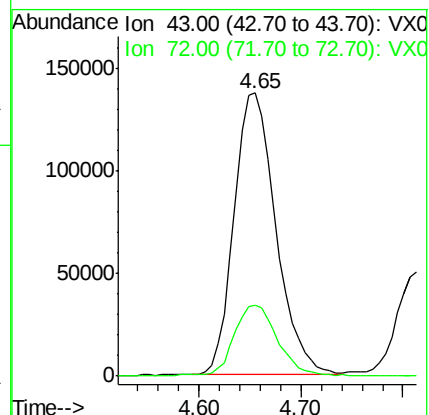
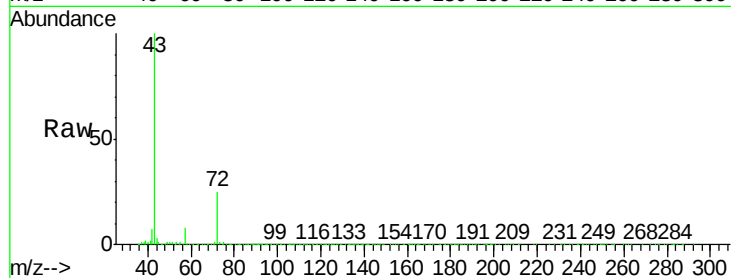
ClientSampleId :

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

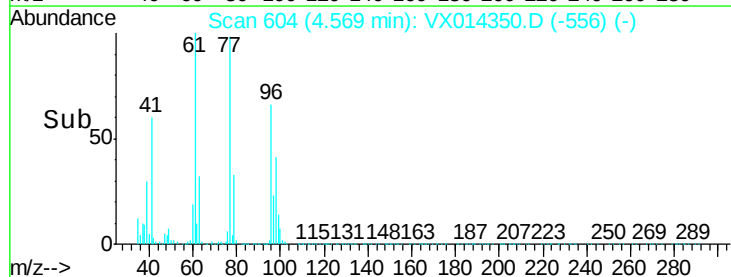
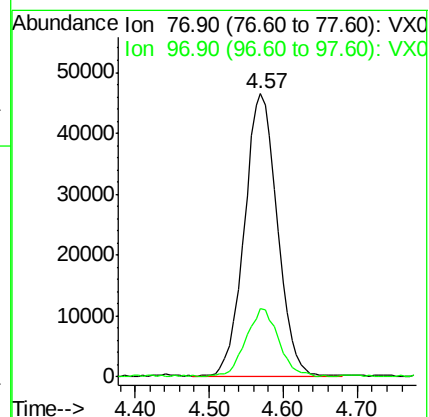
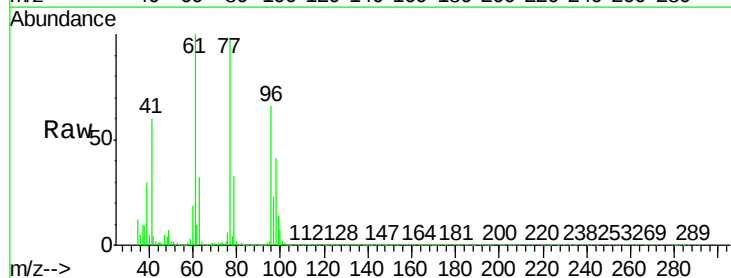
Acq: 30 Dec 2019 13:37

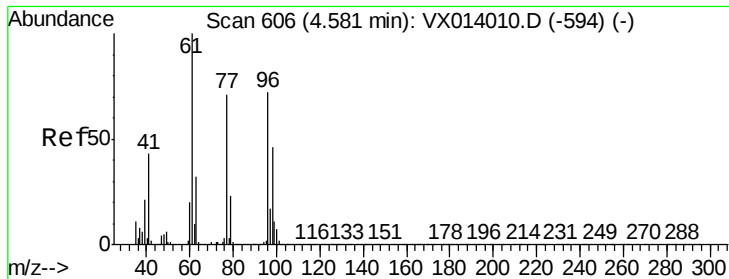
Tgt Ion: 77 Resp: 143388

Ion Ratio Lower Upper

77 100

97 23.8 11.9 35.9



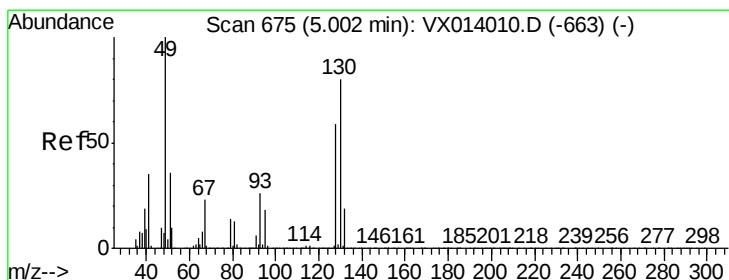
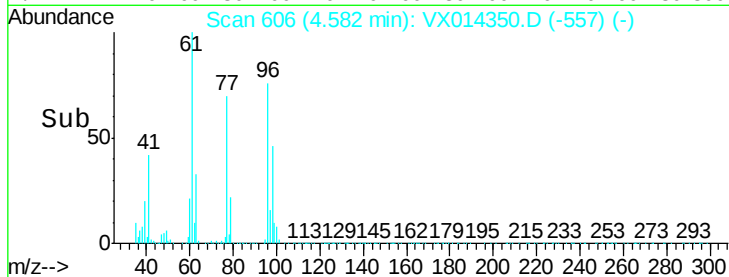
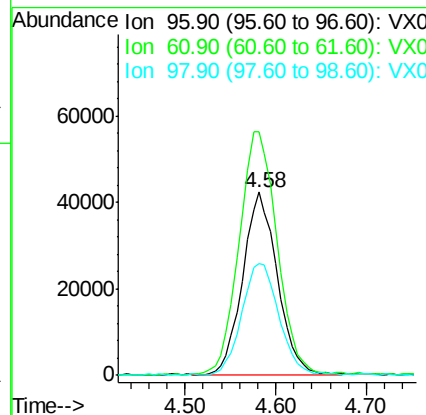
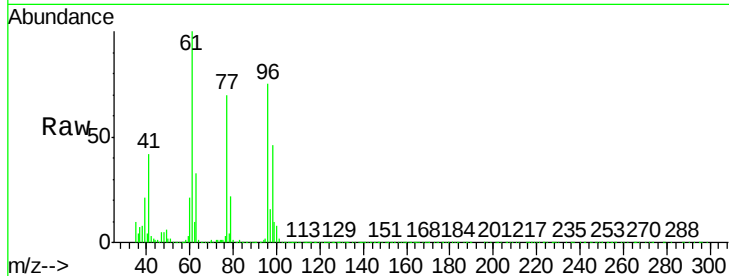


#27

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 :

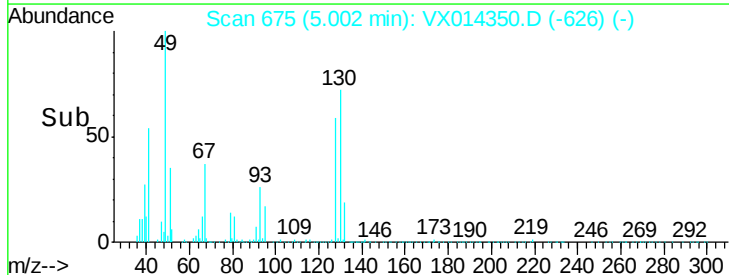
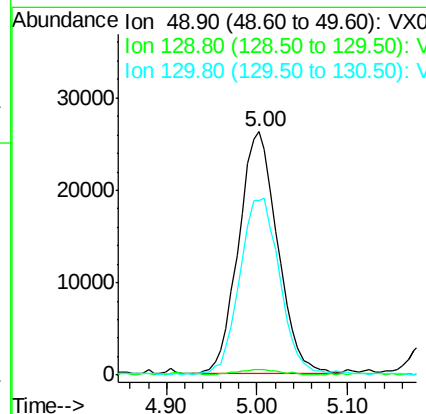
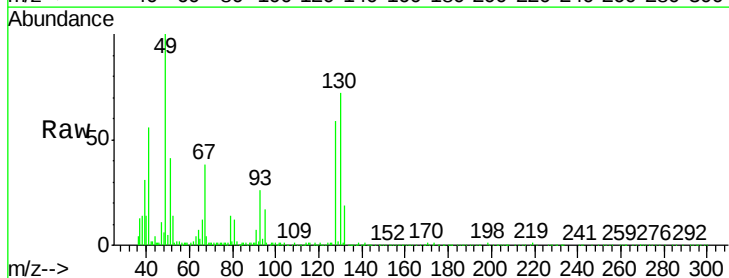
Tot Ion	Ratio	Lower	Upper
96	100		
61	145.4	0.0	288.4
98	66.1	0.0	129.6

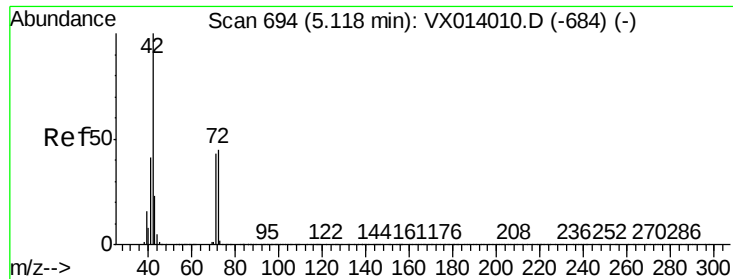


#28

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

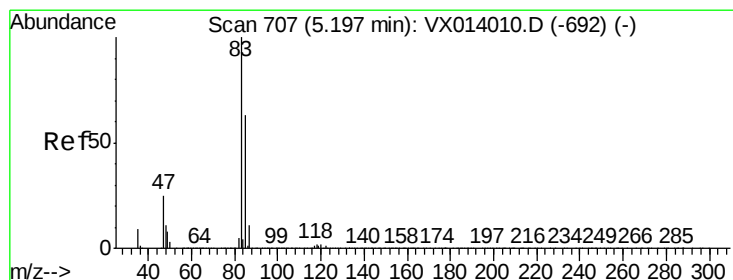
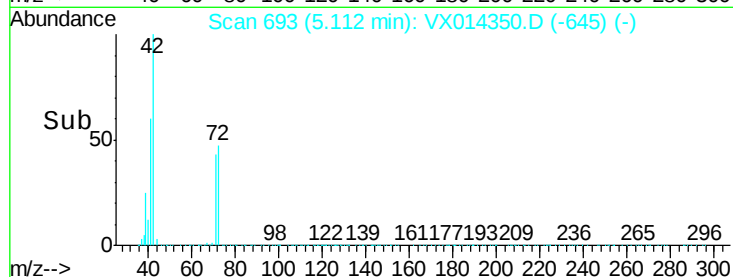
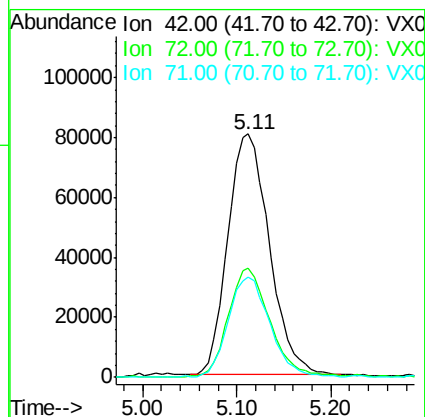
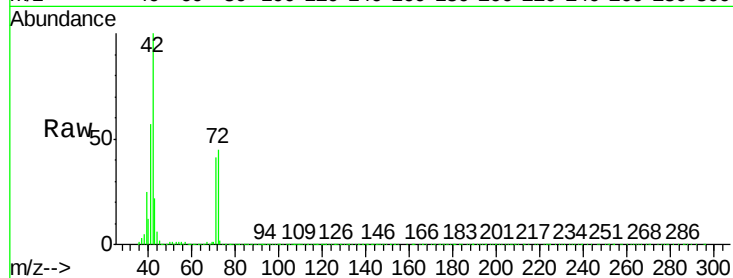




#29
Tetrahydrofuran
Concen: 95.355 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

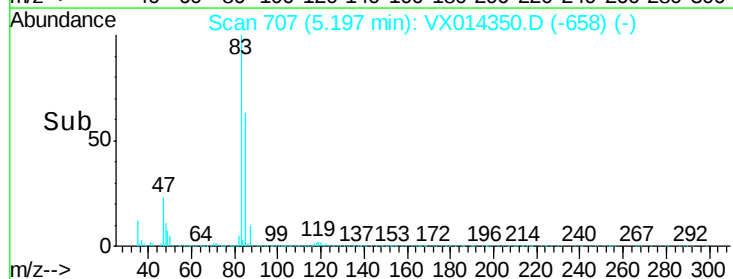
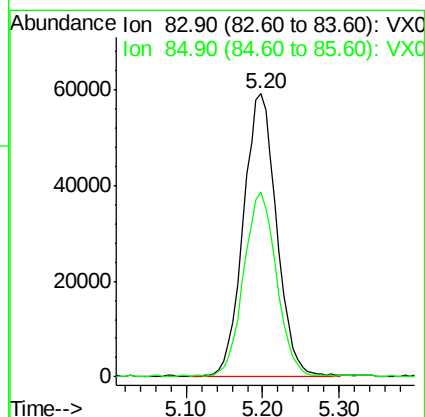
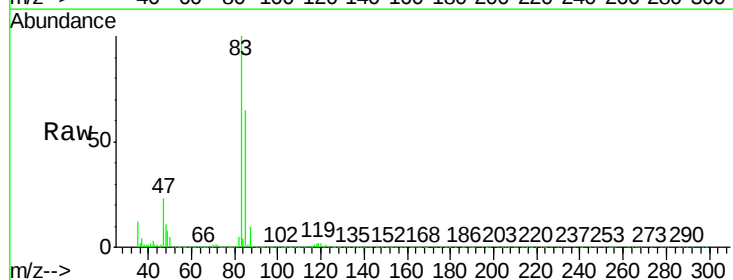
Instrument :
MSVOA_X
ClientSampled :

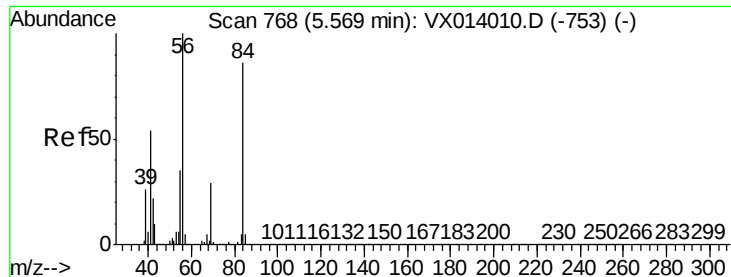
Tot Ion: 42 Resp: 247379
Ion Ratio Lower Upper
42 100
72 45.5 35.8 53.8
71 41.5 33.6 50.4



#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

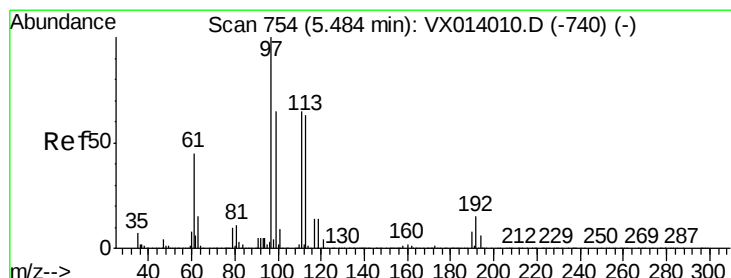
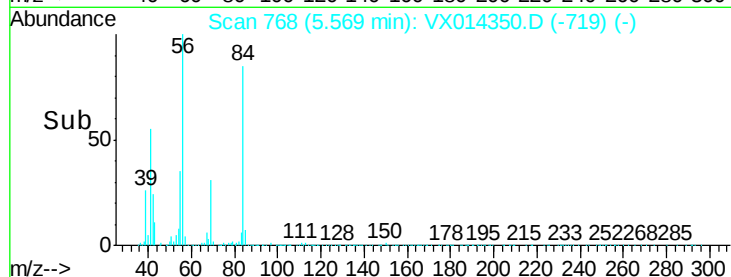
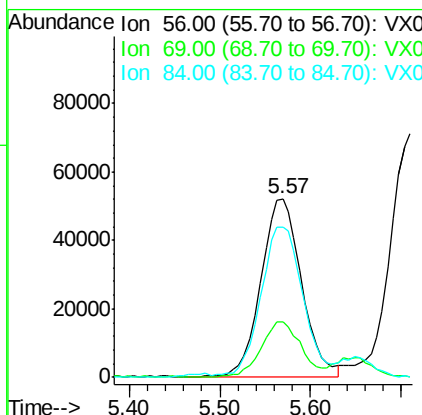
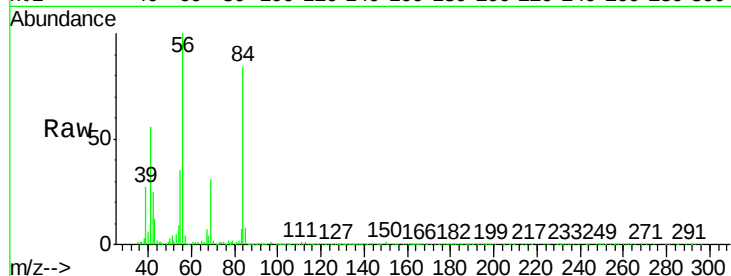




#31
Cyclohexane
Concen: 18.581 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

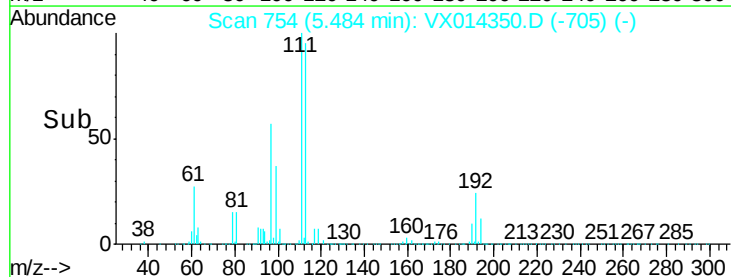
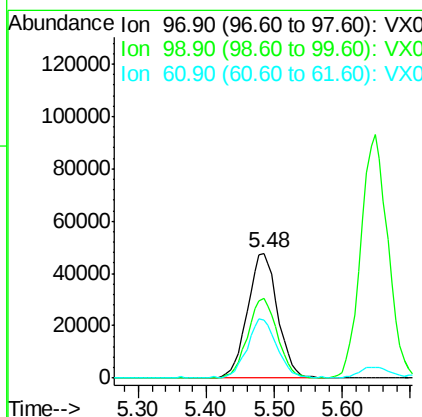
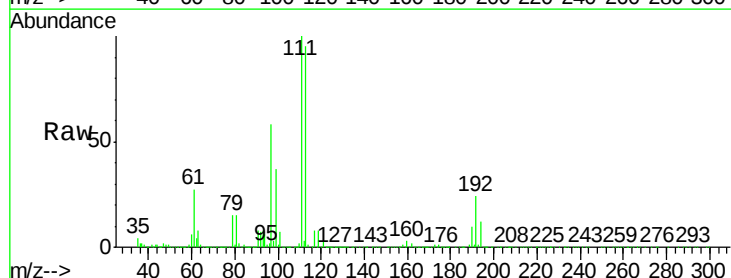
Instrument :
MSVOA_X
ClientSampleId :

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

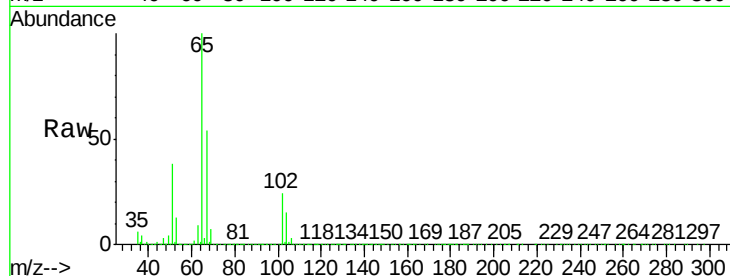
Instrument :
MSVOA_X
ClientSampleId :

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

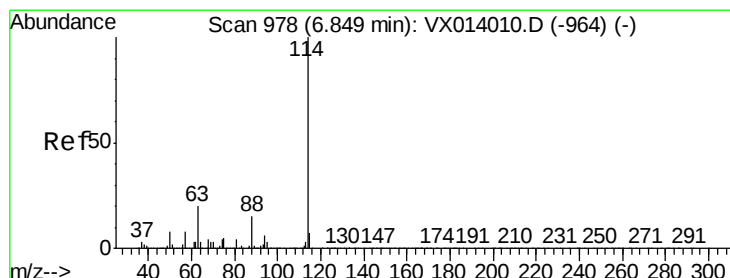
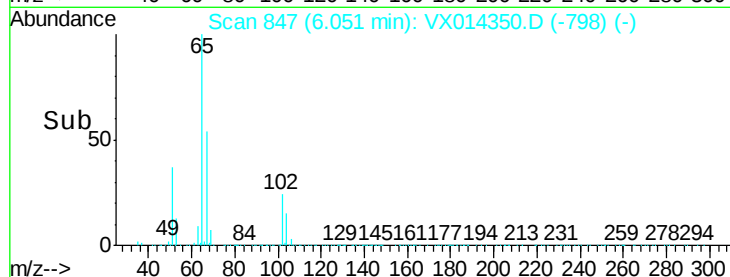
60000

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

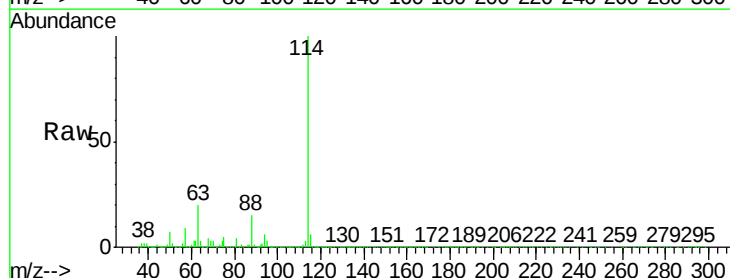
Tgt Ion: 114 Resp: 778289

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

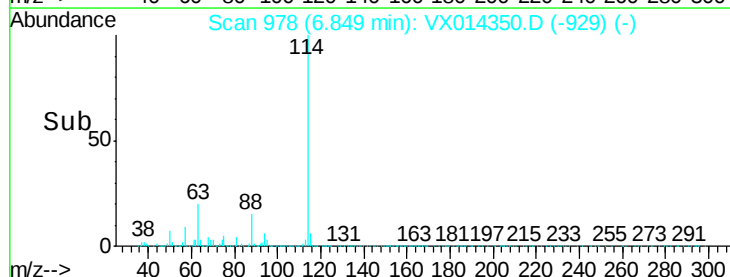
300000

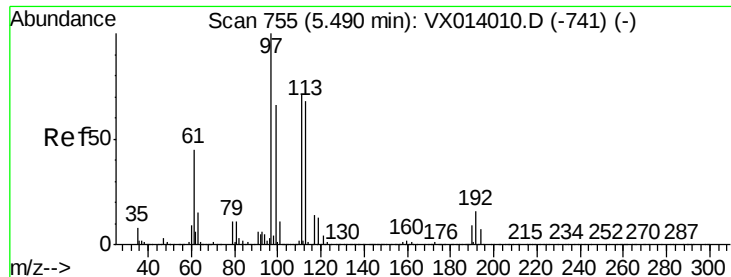
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 48.831 ug/l

RT: 5.48 min Scan# 754

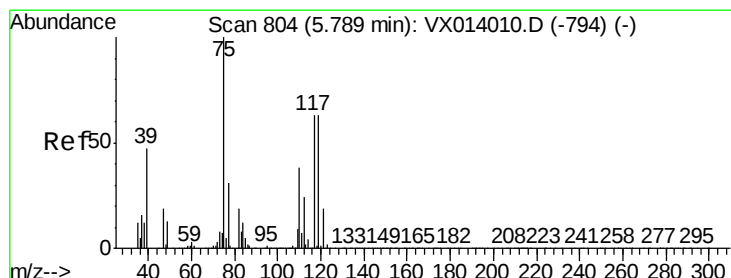
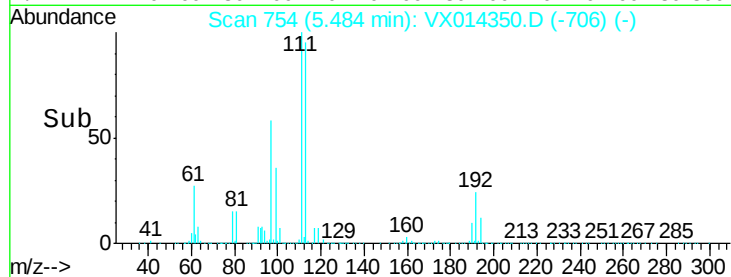
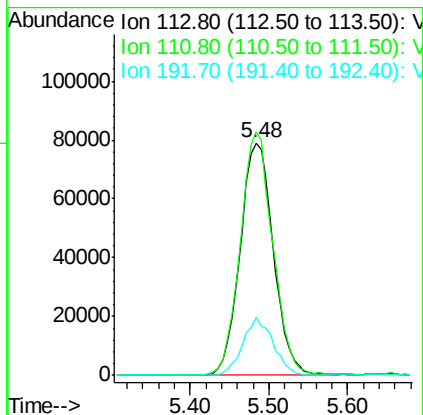
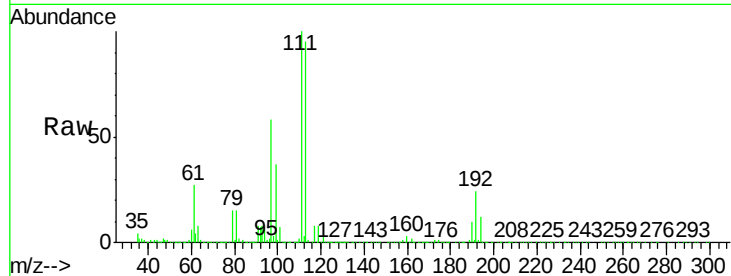
Delta R.T. -0.01 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Instrument :
MSVOA_X
ClientSampleId :

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



#36

1,1-Dichloropropene

Concen: 18.443 ug/l

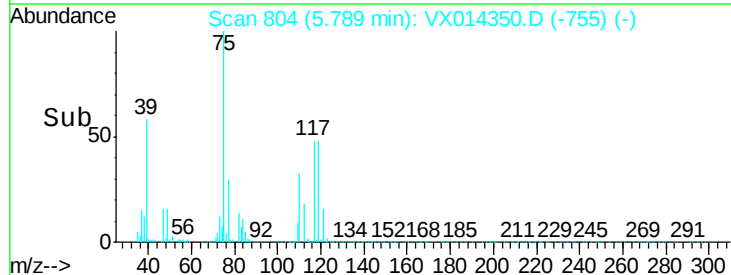
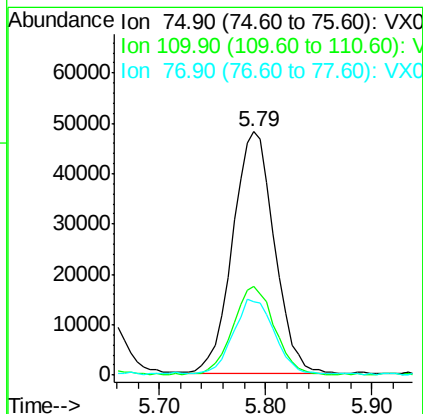
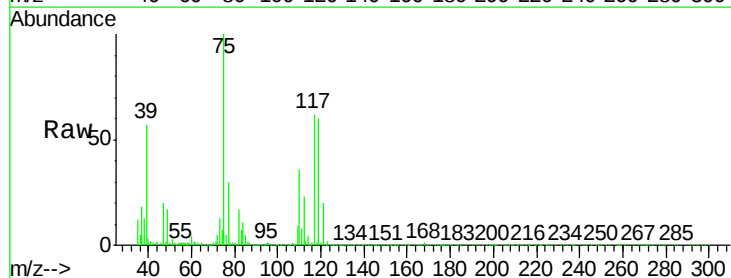
RT: 5.79 min Scan# 804

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

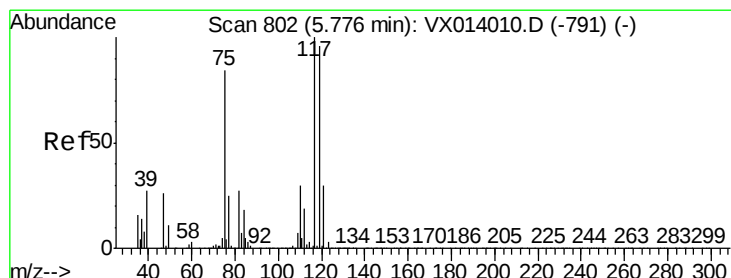
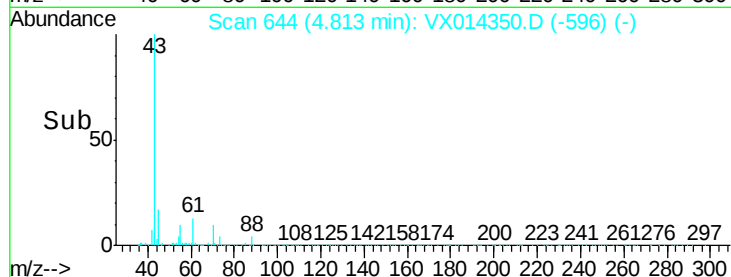
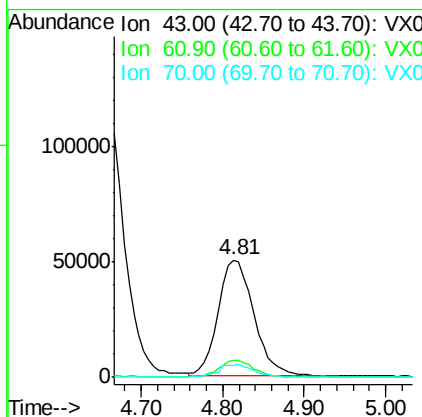
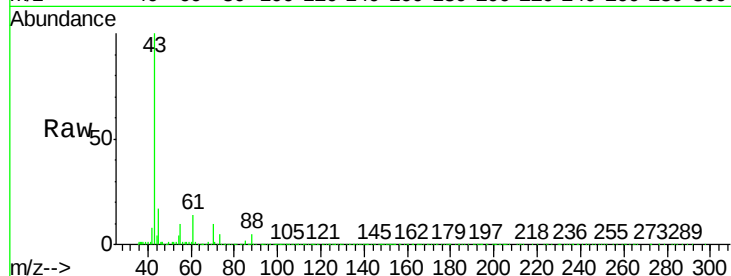




#37
Ethyl Acetate
Concen: 19.574 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

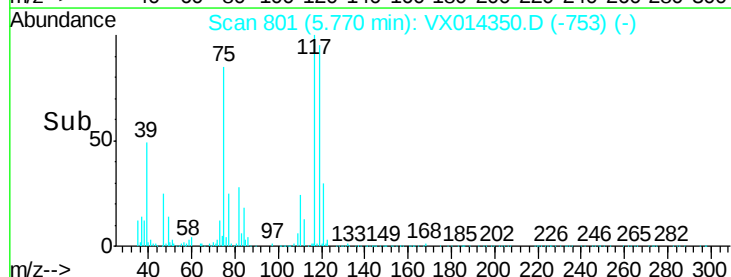
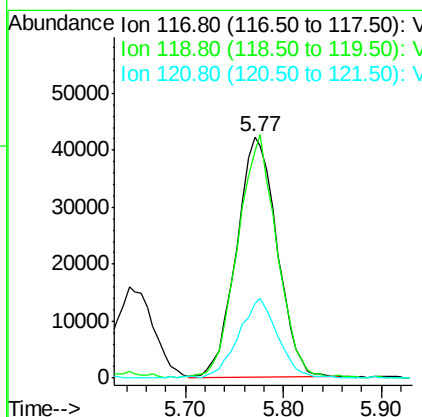
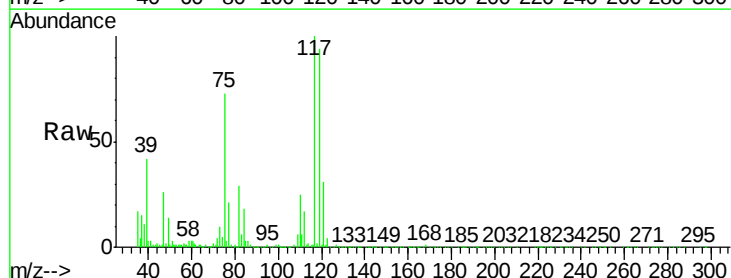
Instrument :
MSVOA_X
ClientSampleId :

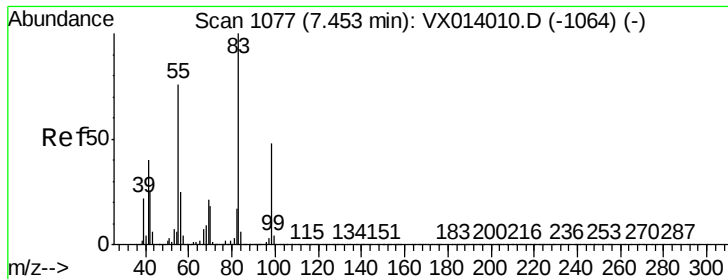
Tot Ion: 43 Resp: 154358
Ion Ratio Lower Upper
43 100
61 13.3 10.8 16.2
70 10.4 8.6 12.8



#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

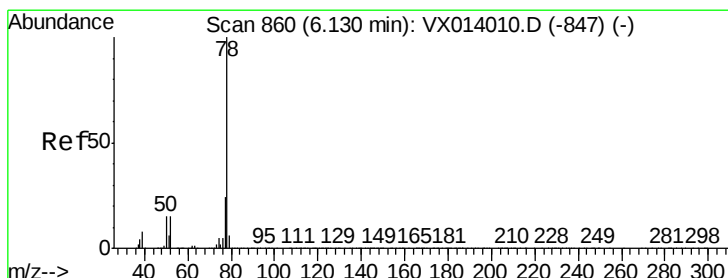
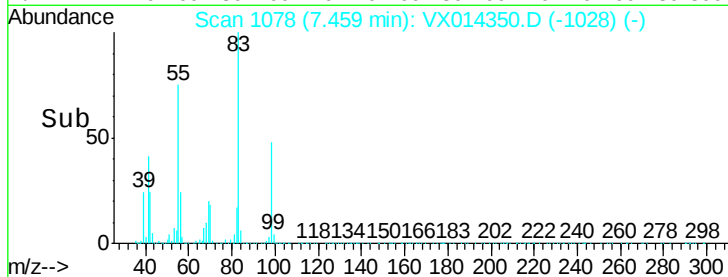
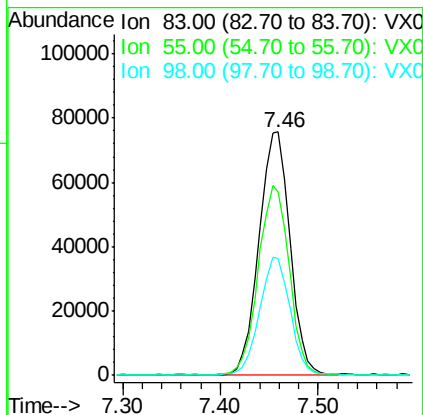
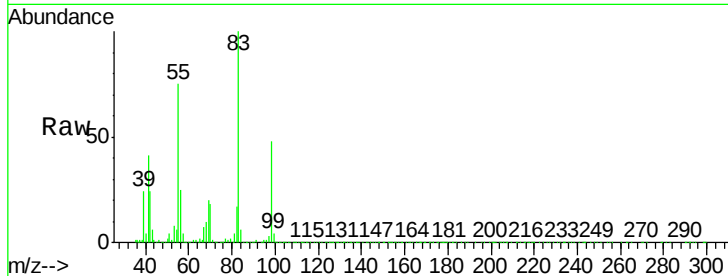




#39
Methvlcvclohexane
Concen: 18.850 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

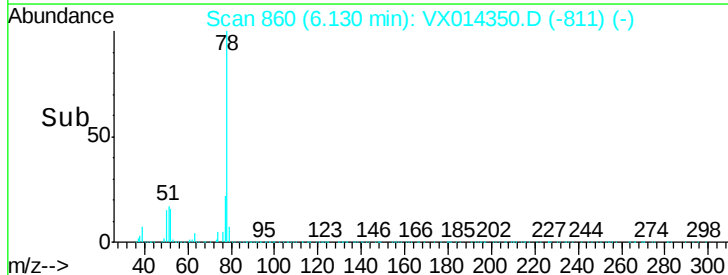
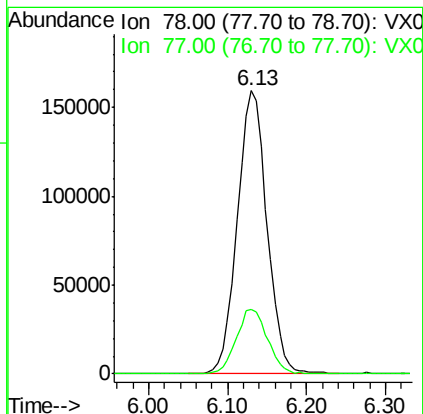
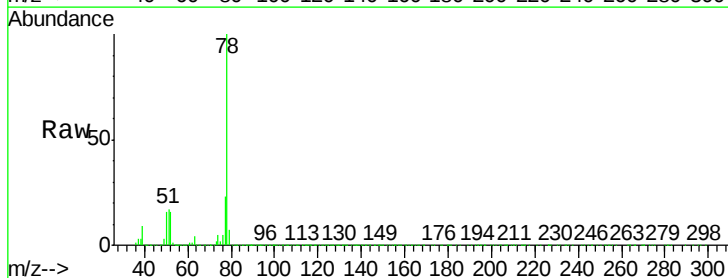
Instrument :
MSVOA_X
ClientSampleId :

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

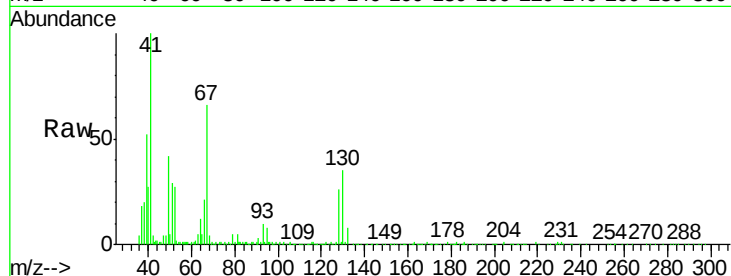




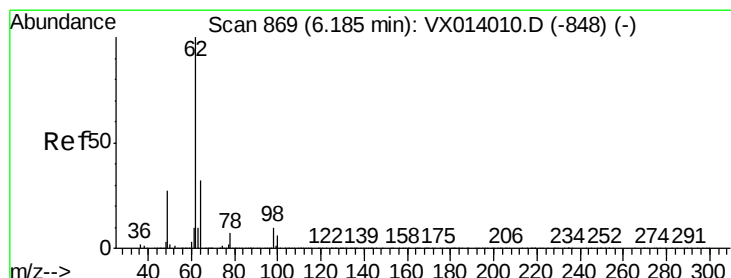
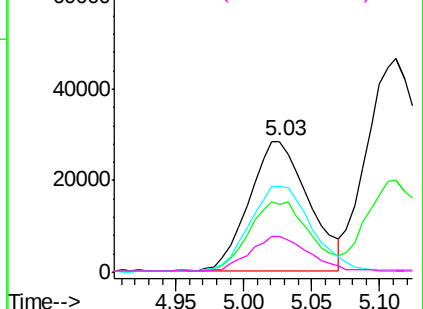
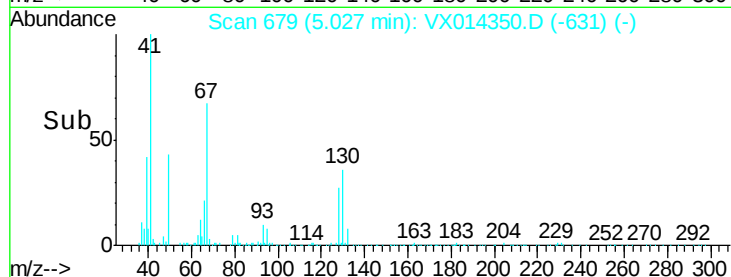
#41
Methacrylonitrile
Concen: 19.773 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Instrument :
MSVOA_X
ClientSampleId :

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

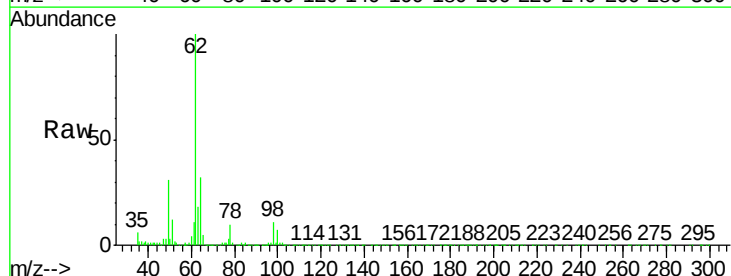


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

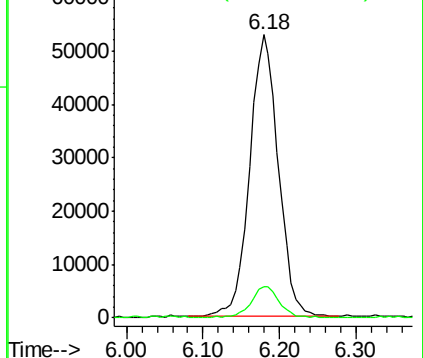
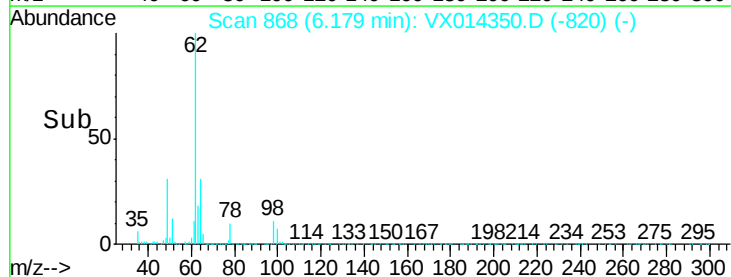


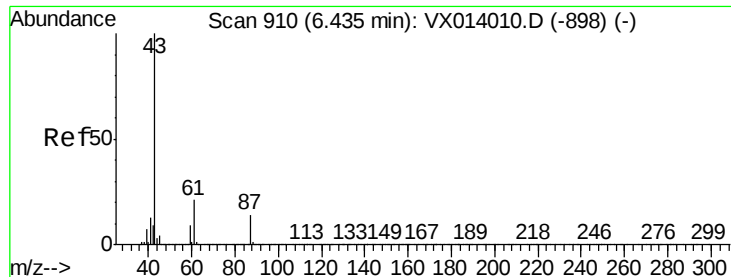
#42
1,2-Dichloroethane
Concen: 18.515 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

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



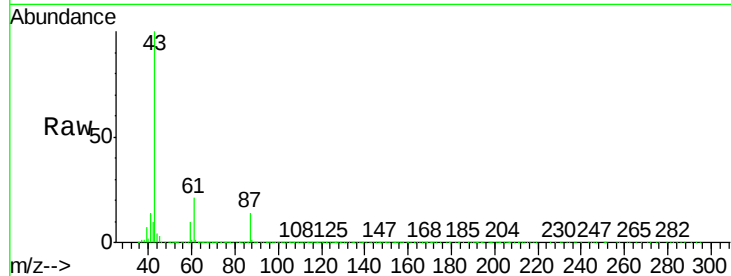


#43

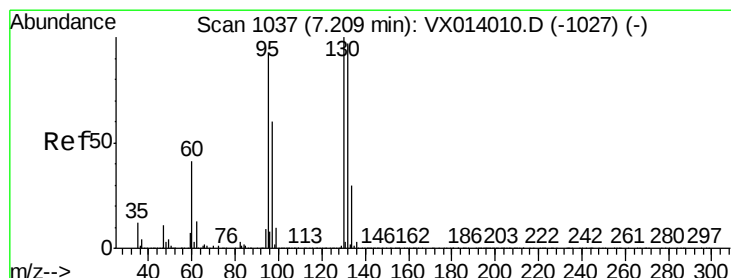
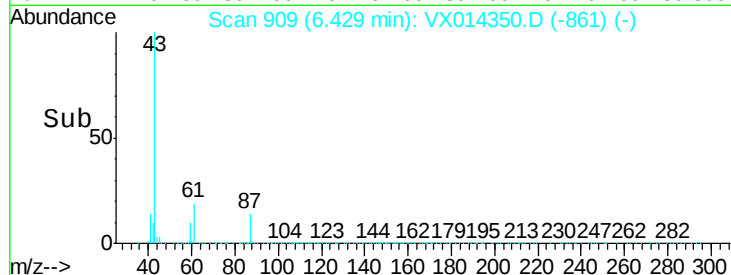
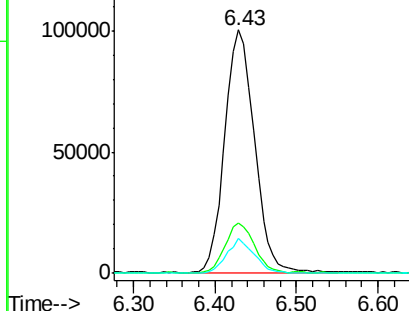
Isopropyl Acetate
 Concen: 19.374 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014350.D
 Acq: 30 Dec 2019 13:37

Instrument :
 MSVOA_X
 ClientSampleId :

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



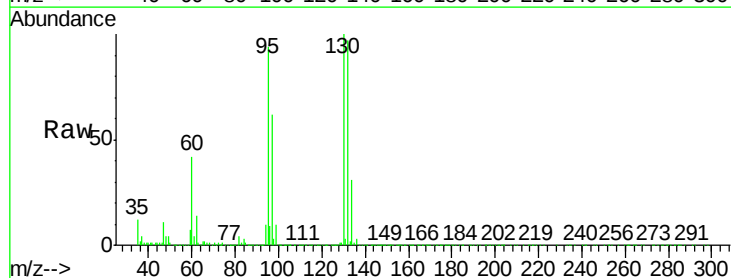
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



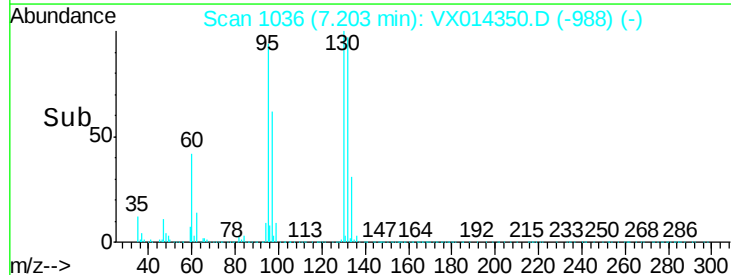
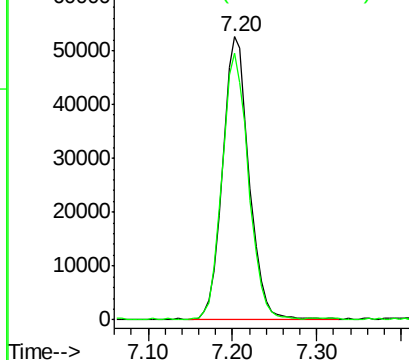
#44

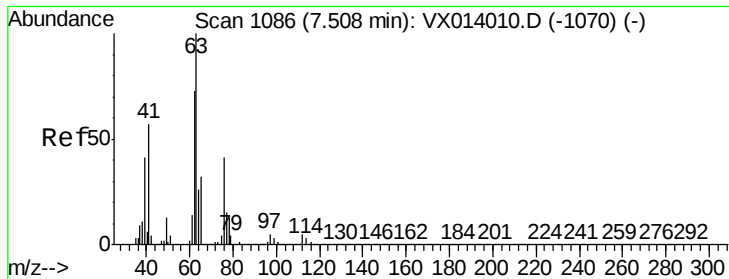
Trichloroethene
 Concen: 18.493 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014350.D
 Acq: 30 Dec 2019 13:37

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

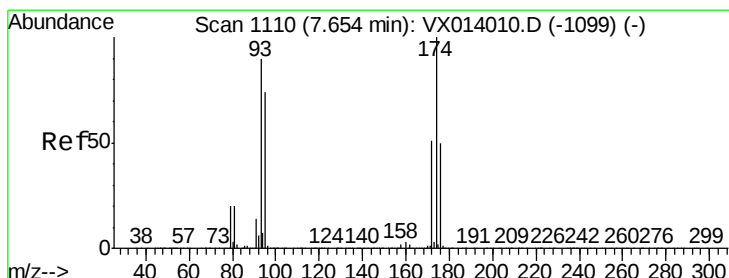
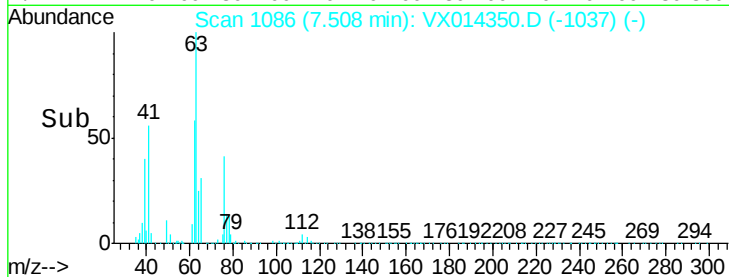
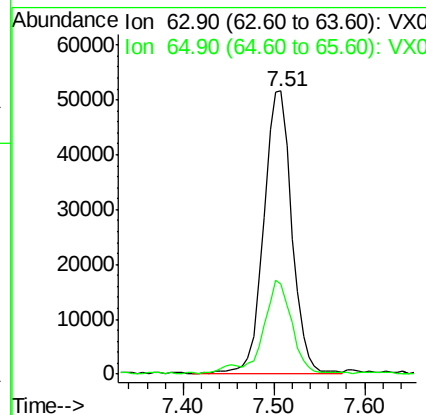
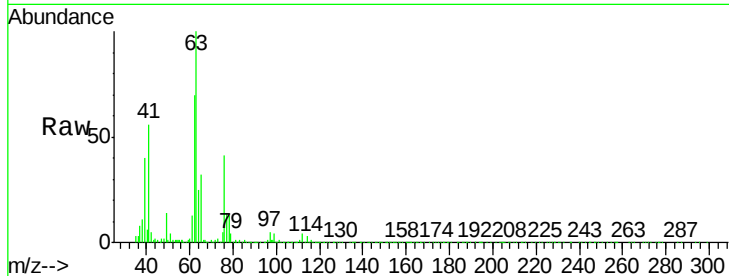




#45
 1,2-Dichloropropane
 Concen: 19.765 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014350.D
 Acq: 30 Dec 2019 13:37

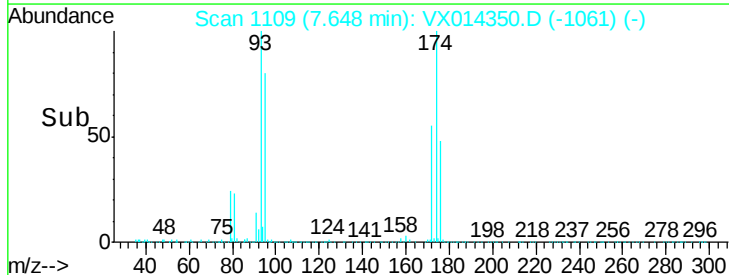
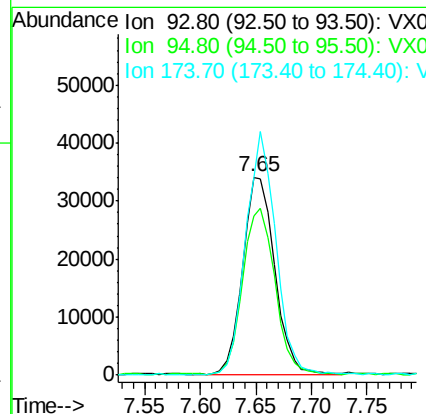
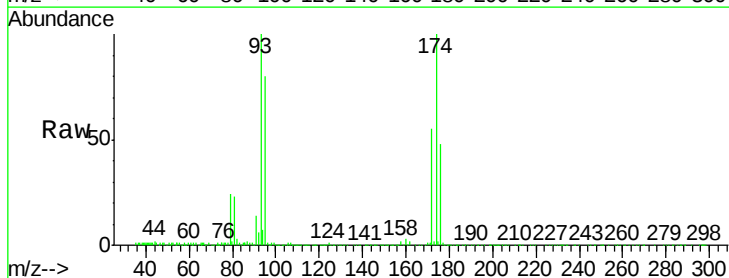
Instrument :
 MSVOA_X
 ClientSampled :

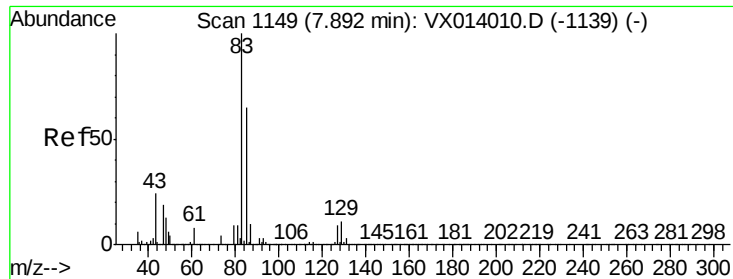
Tot Ion: 63 Resp: 111313
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.8 38.8



#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 :

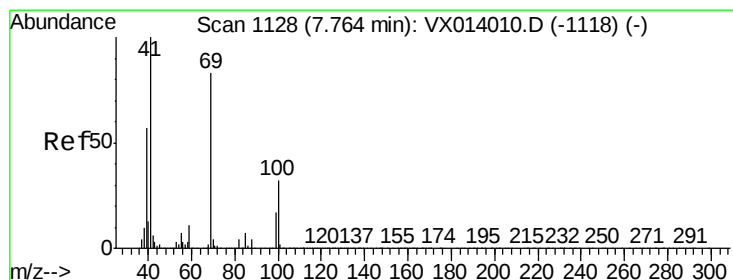
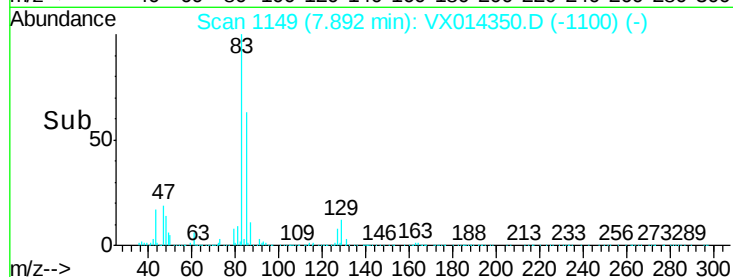
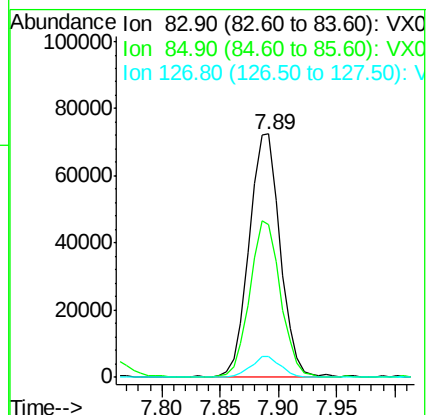
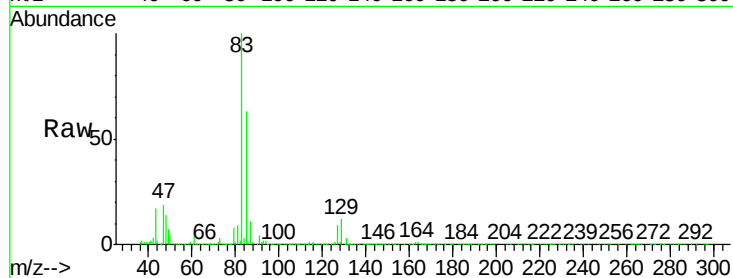
Tot Ion: 83 Resp: 134909

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

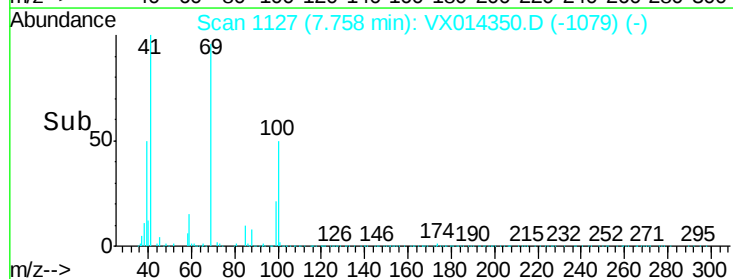
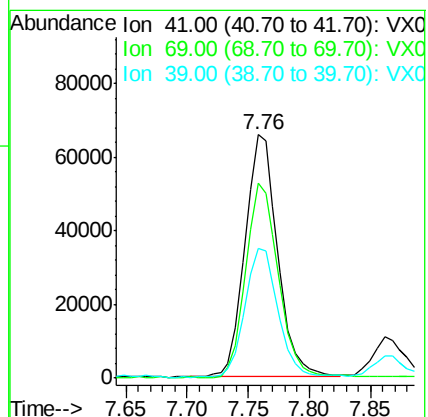
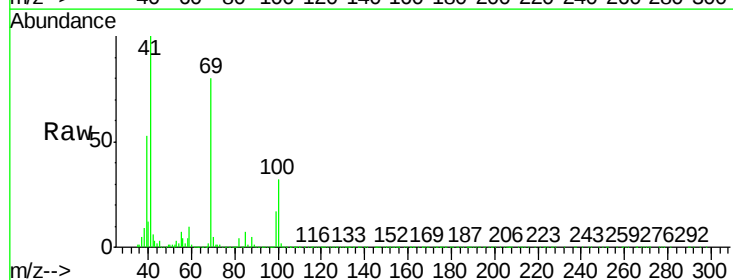
Tgt Ion: 41 Resp: 122115

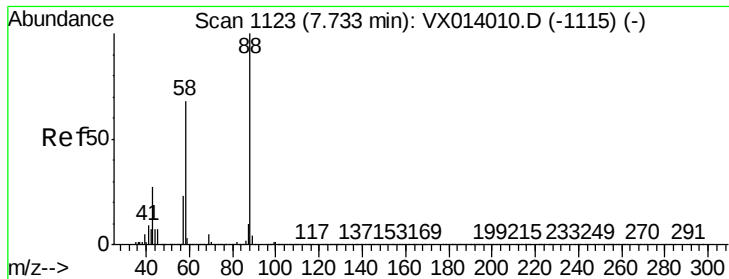
Ion Ratio Lower Upper

41 100

69 80.8 65.8 98.6

39 54.3 44.6 67.0

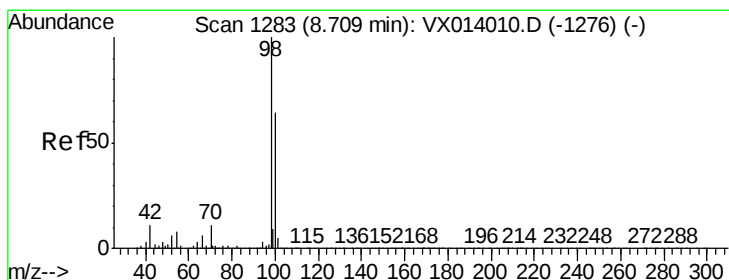
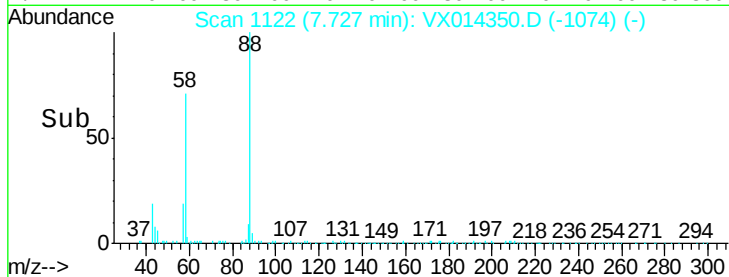
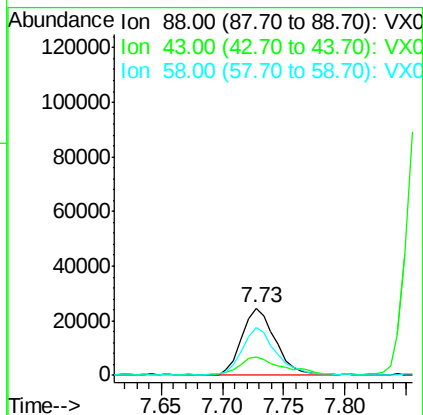
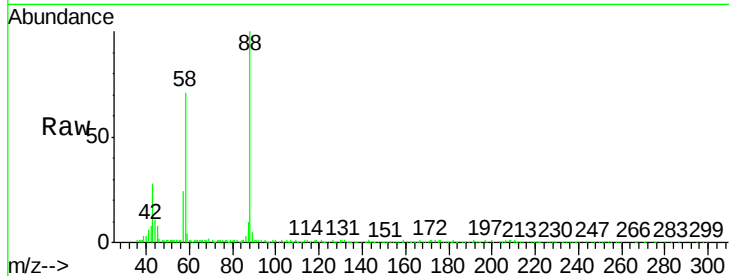




#49
1,4-Dioxane
Concen: 358.113 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

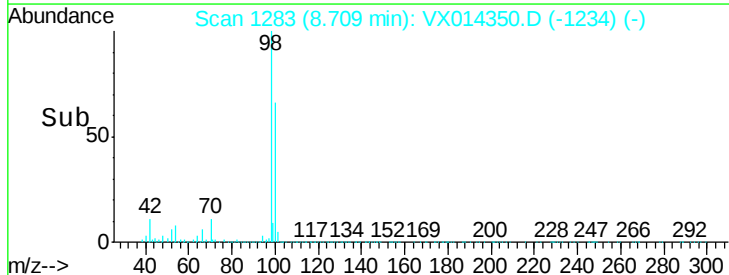
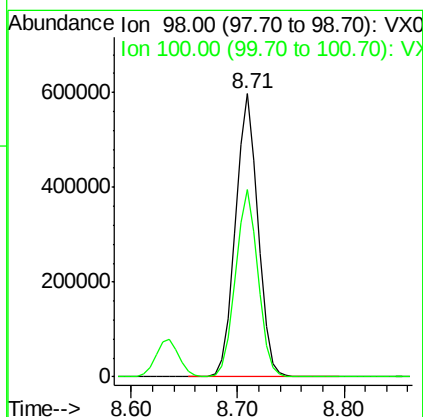
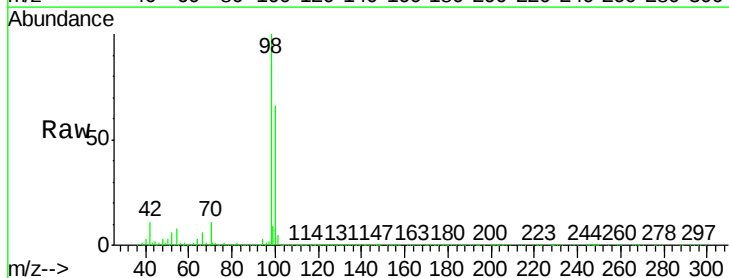
Instrument :
MSVOA_X
ClientSampleId :

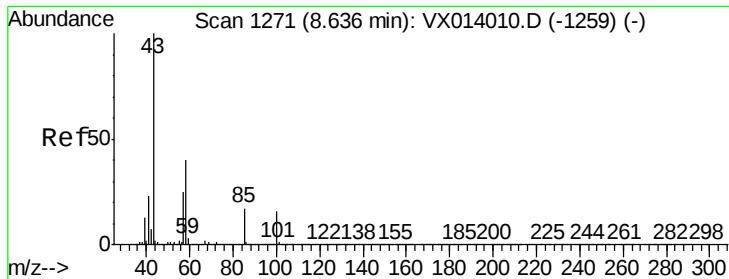
Tot Ion: 88 Resp: 46573
Ion Ratio Lower Upper
88 100
43 32.0 26.5 39.7
58 75.1 56.8 85.2



#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

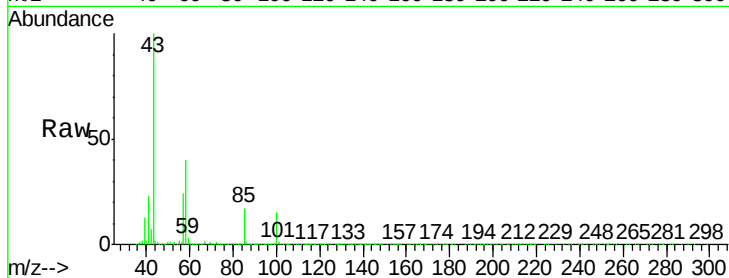
ClientSampleId :

Tot Ion: 43 Resp: 780498

Ion Ratio Lower Upper

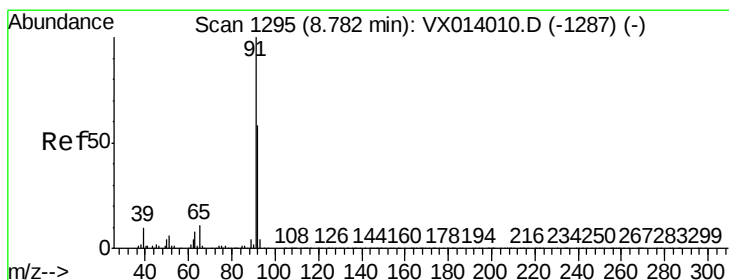
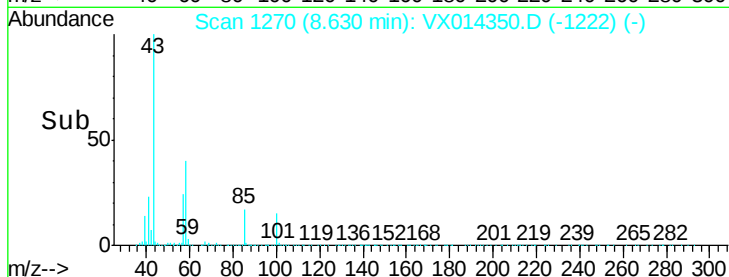
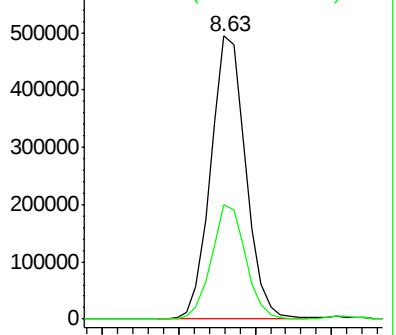
43 100

58 39.6 32.2 48.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.582 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014350.D

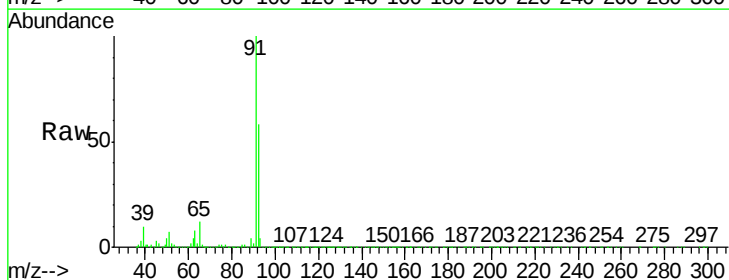
Acq: 30 Dec 2019 13:37

Tgt Ion: 92 Resp: 258079

Ion Ratio Lower Upper

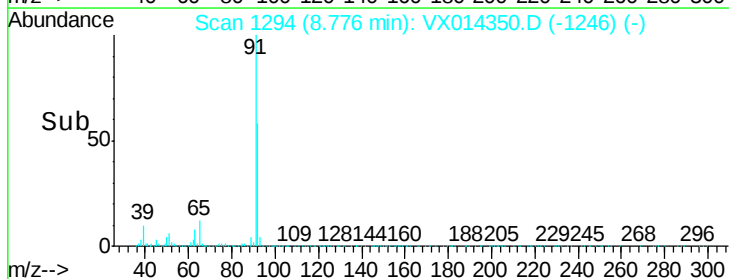
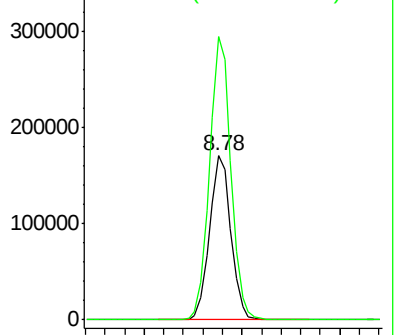
92 100

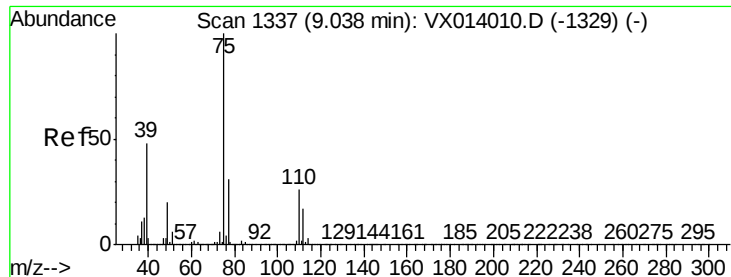
91 171.9 136.2 204.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#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

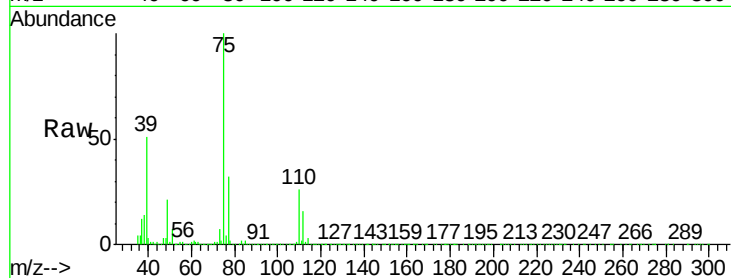
ClientSampled :

Tot Ion: 75 Resp: 146441

Ion Ratio Lower Upper

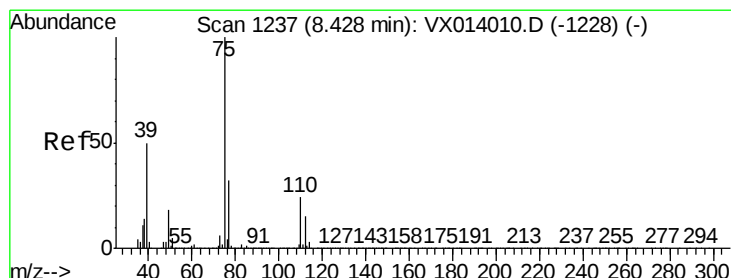
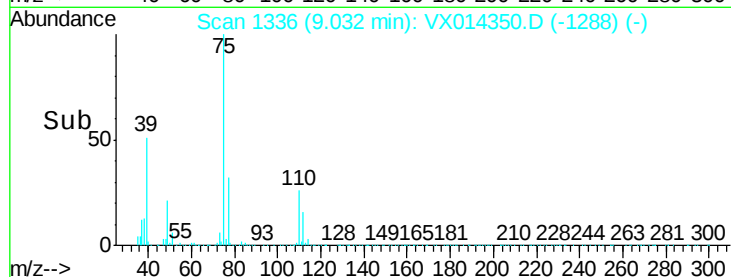
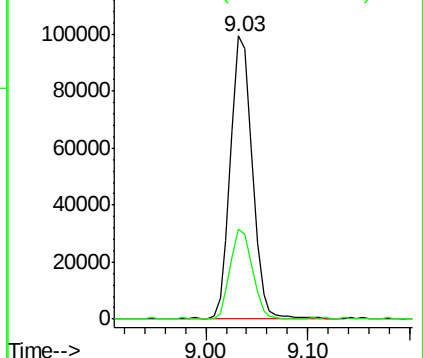
75 100

77 31.4 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 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

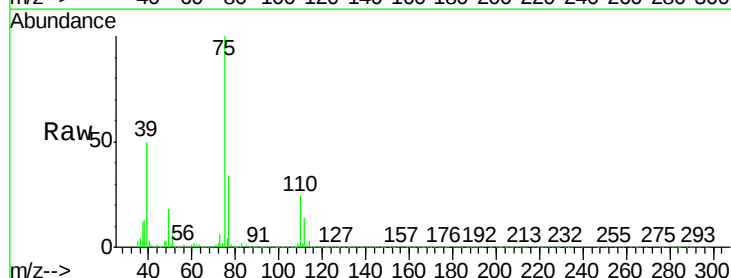
Tgt Ion: 75 Resp: 165691

Ion Ratio Lower Upper

75 100

77 34.1 25.3 37.9

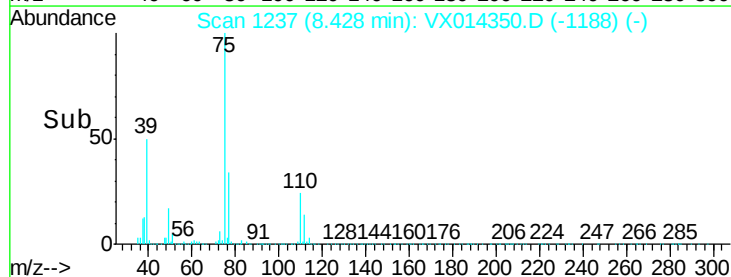
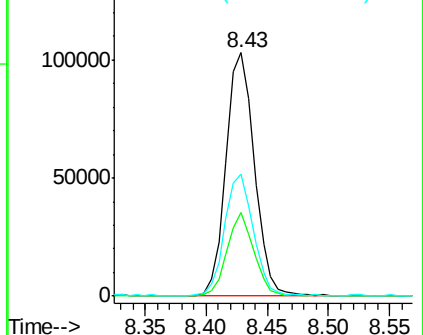
39 50.0 39.9 59.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 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

ClientSampled :

Tot Ion: 97 Resp: 107705

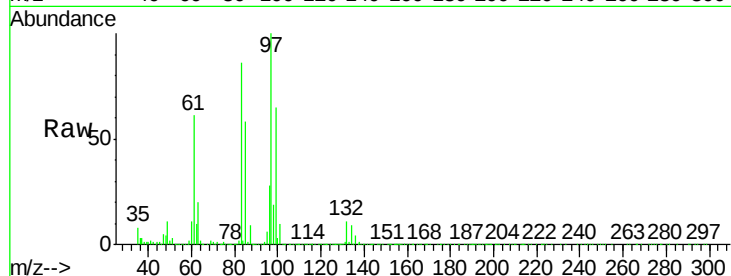
Ion Ratio Lower Upper

97 100

83 85.9 68.2 102.4

85 57.2 44.6 66.8

99 65.3 51.4 77.0

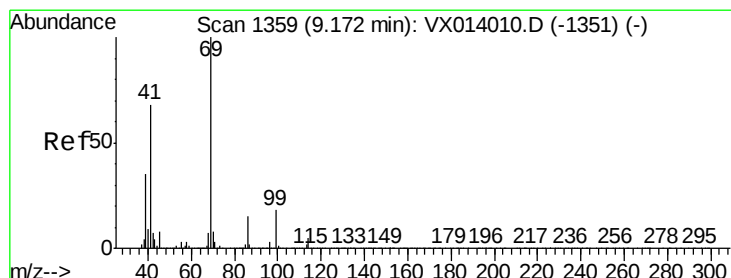
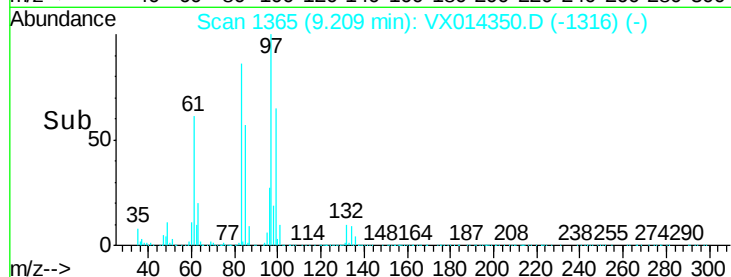
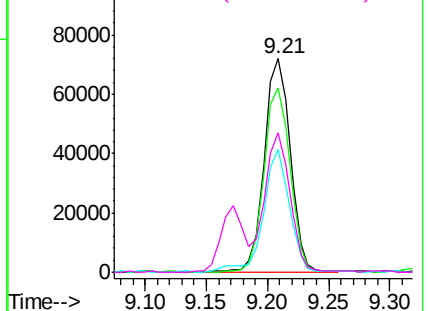


Abundance Ion 96.90 (96.60 to 97.60): VX0

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

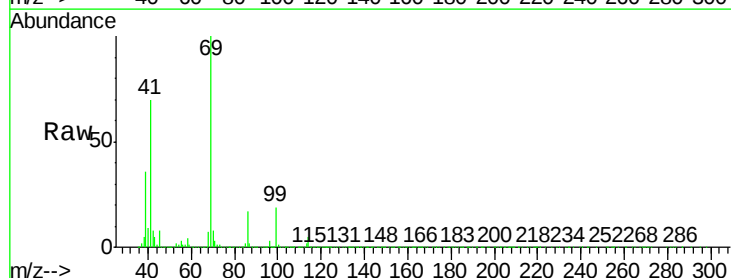
Tgt Ion: 69 Resp: 163827

Ion Ratio Lower Upper

69 100

41 70.1 54.8 82.2

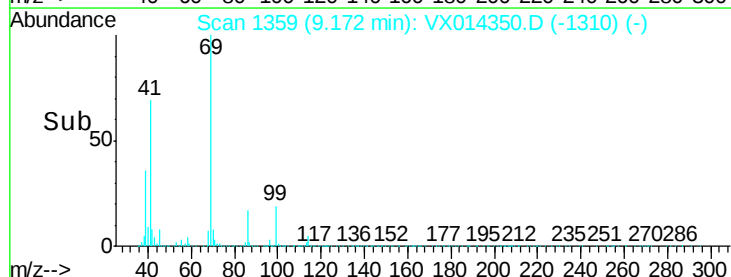
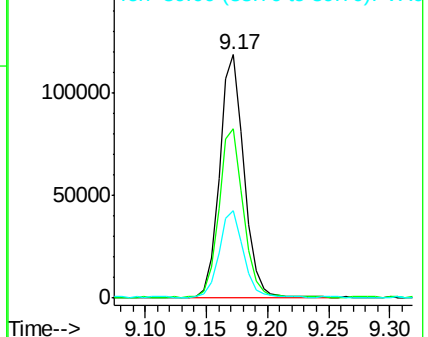
39 36.0 28.3 42.5

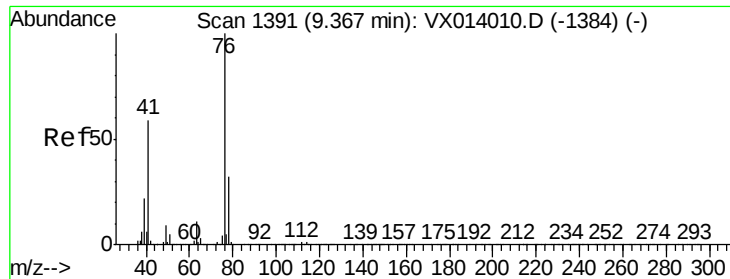


Abundance Ion 69.00 (68.70 to 69.70): VX0

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

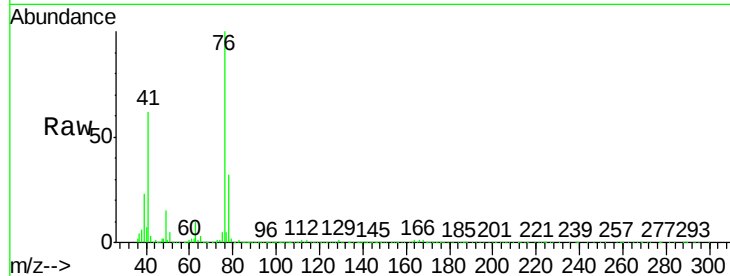
ClientSampleId :

Tot Ion: 76 Resp: 182086

Ion Ratio Lower Upper

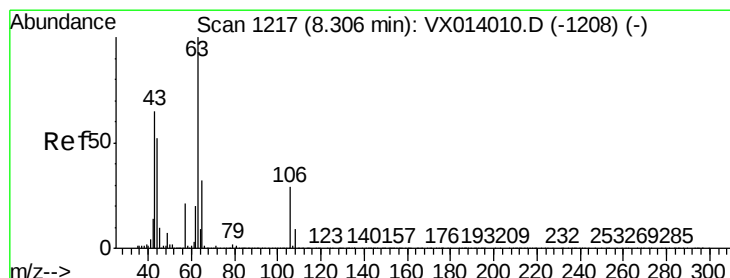
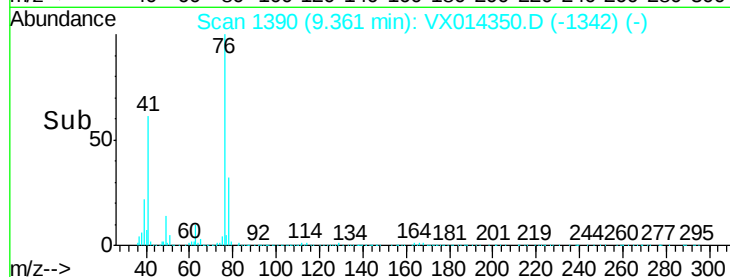
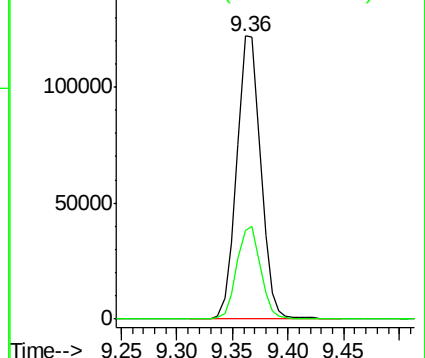
76 100

78 32.3 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 107.965 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014350.D

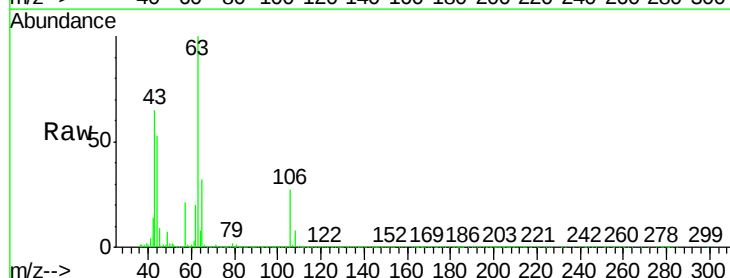
Acq: 30 Dec 2019 13:37

Tgt Ion: 63 Resp: 357250

Ion Ratio Lower Upper

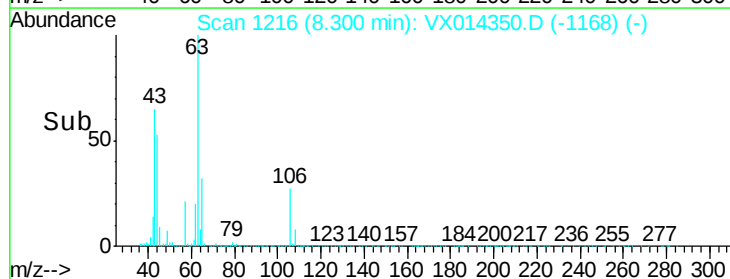
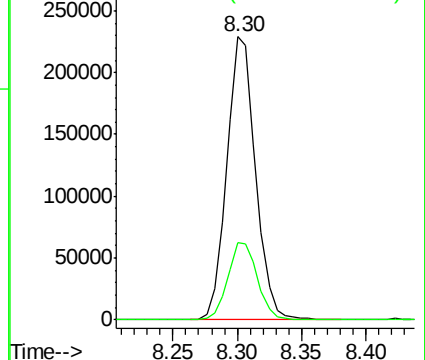
63 100

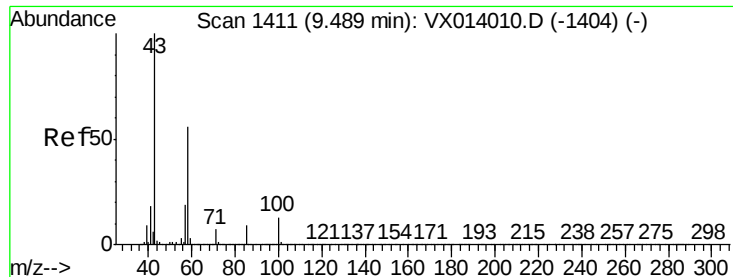
106 28.4 23.0 34.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

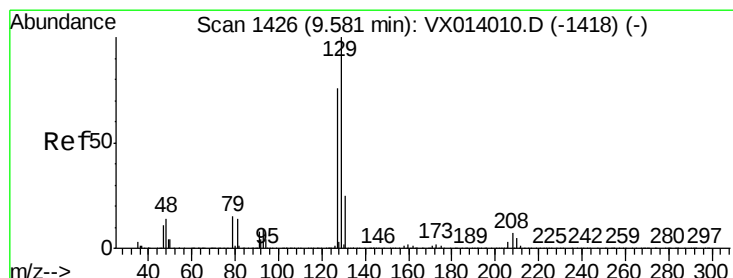
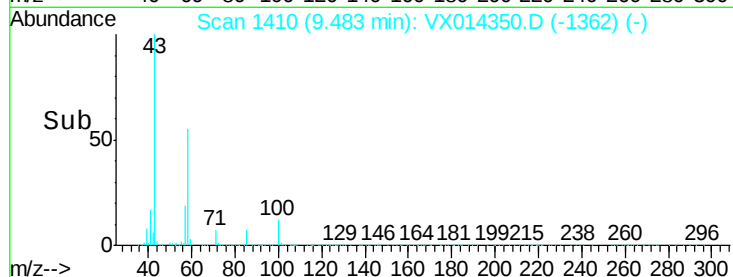
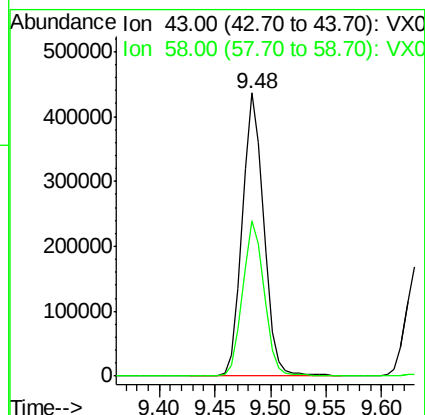
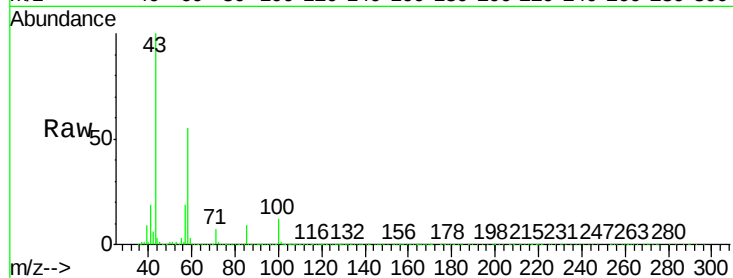




#59
2-Hexanone
Concen: 88.210 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

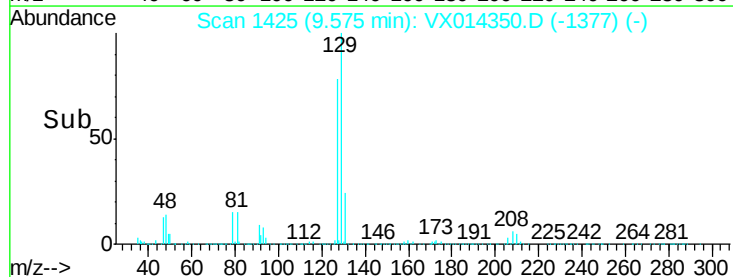
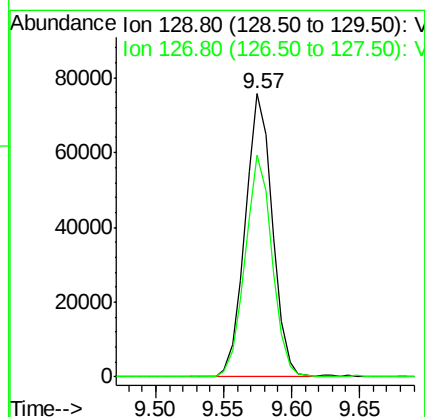
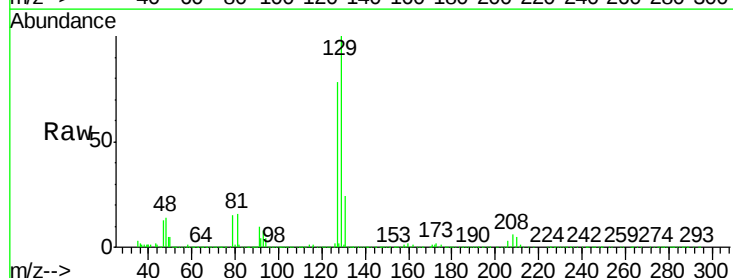
Instrument :
MSVOA_X
ClientSampleId :

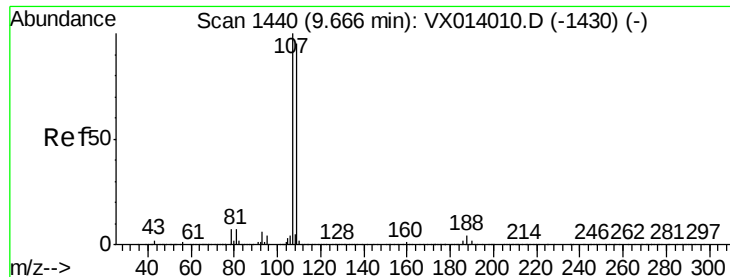
Tot Ion: 43 Resp: 582002
Ion Ratio Lower Upper
43 100
58 55.2 28.0 84.0



#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

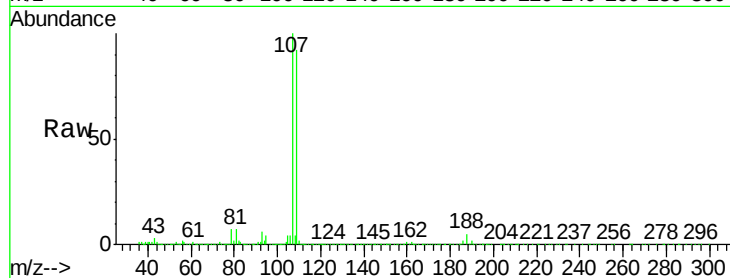
ClientSampleId :

Tot Ion:107 Resp: 110421

Ion Ratio Lower Upper

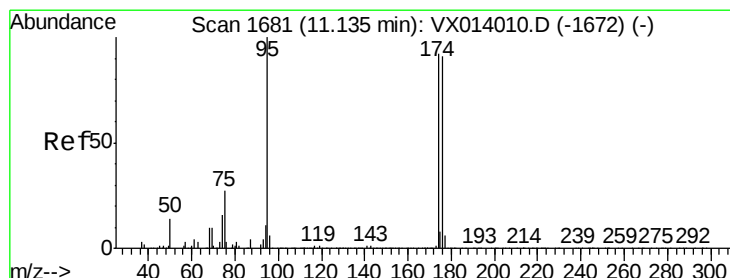
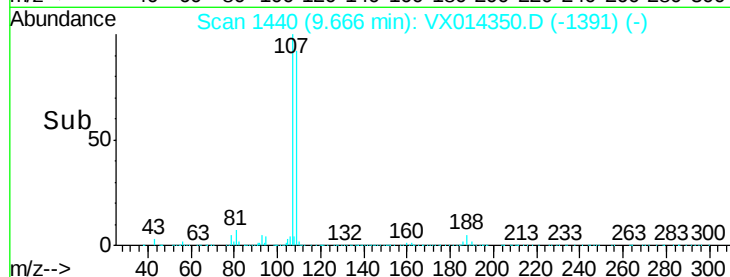
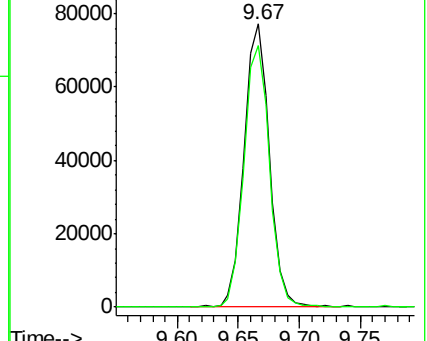
107 100

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

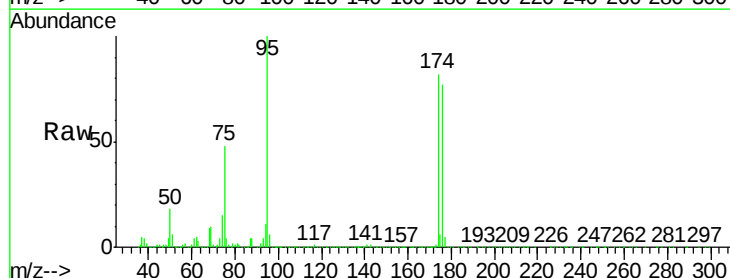
Tgt Ion: 95 Resp: 320341

Ion Ratio Lower Upper

95 100

174 86.5 0.0 175.8

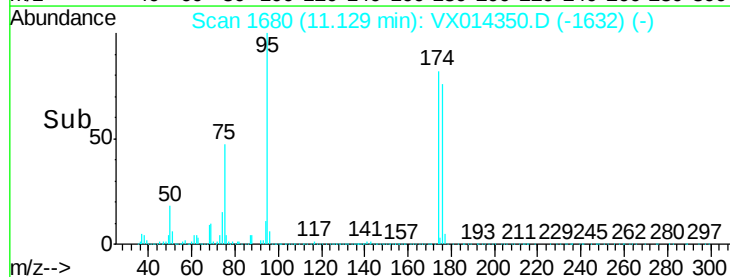
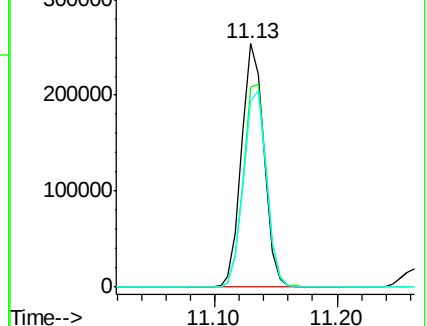
176 83.0 0.0 173.0

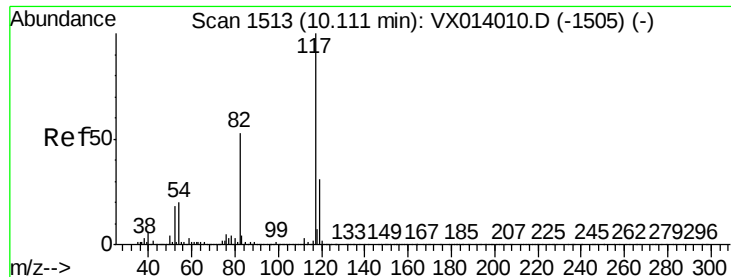


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

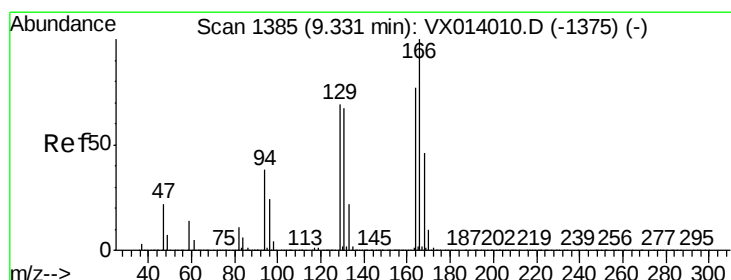
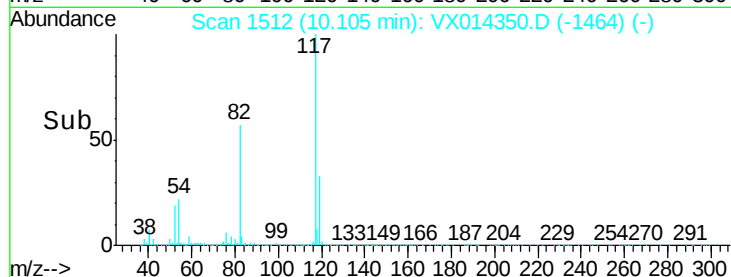
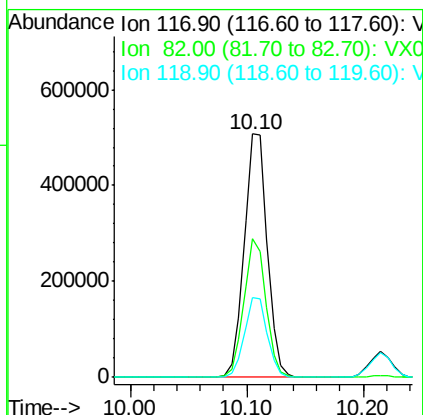
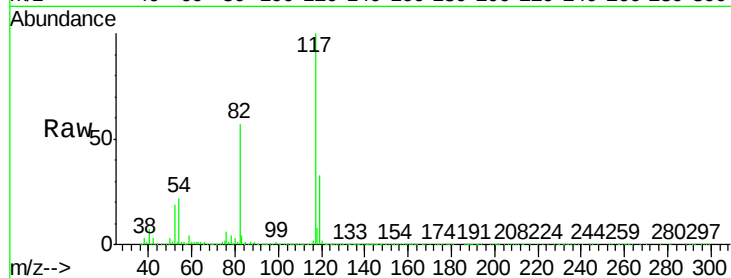




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

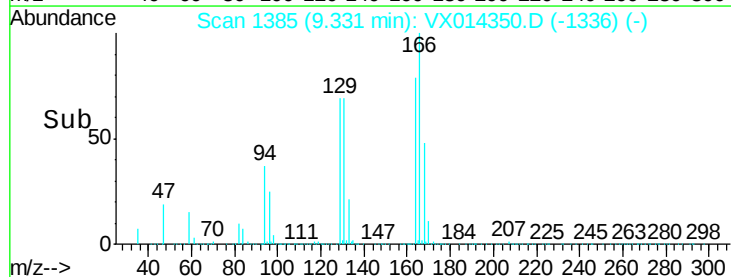
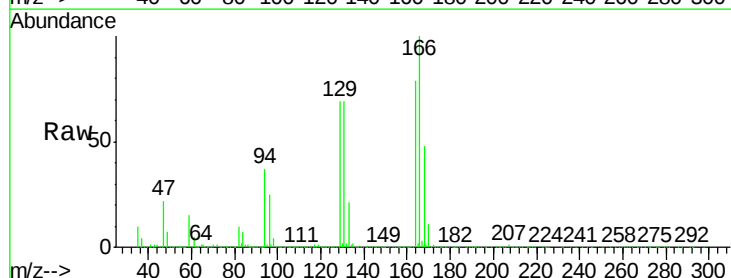
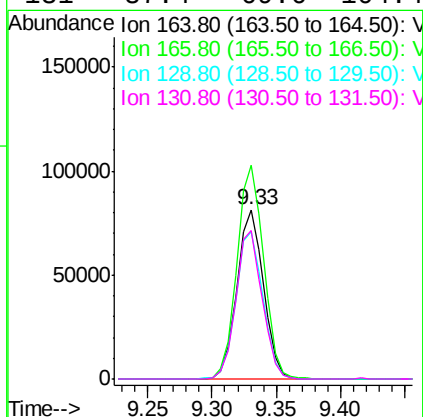
Instrument :
MSVOA_X
ClientSampleId :

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

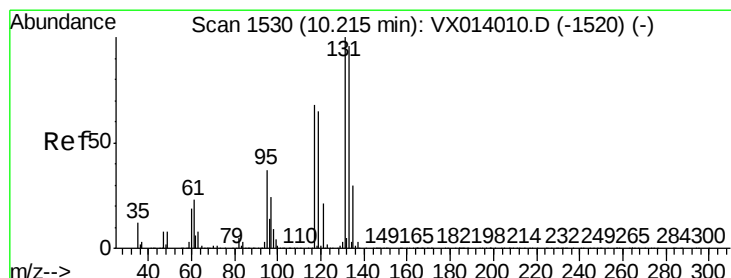
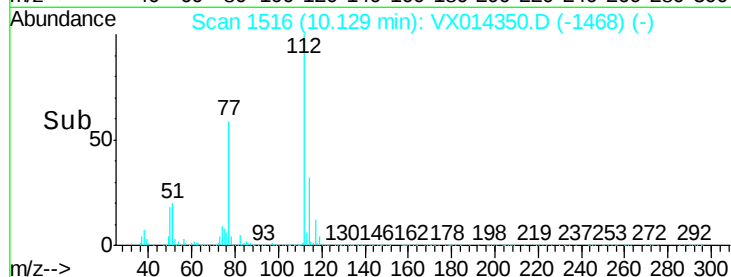
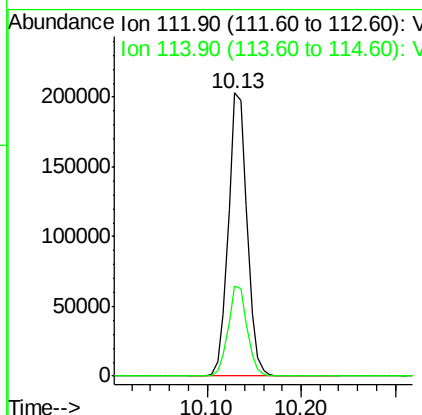
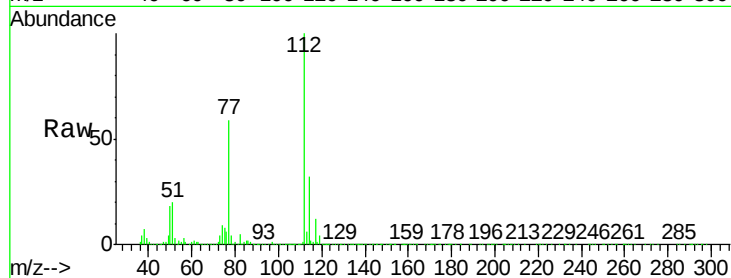




#65
Chlorobenzene
Concen: 18.707 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

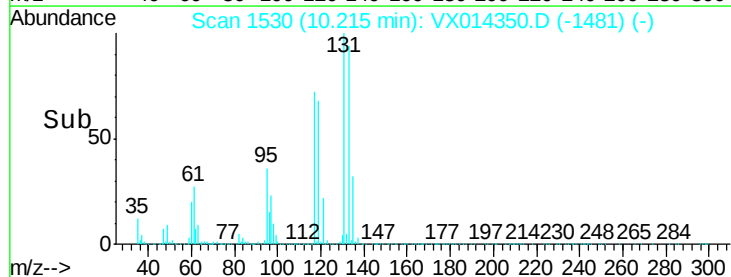
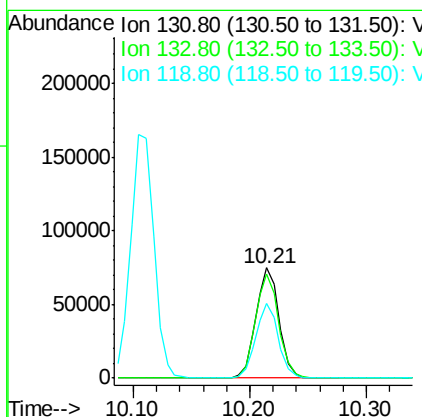
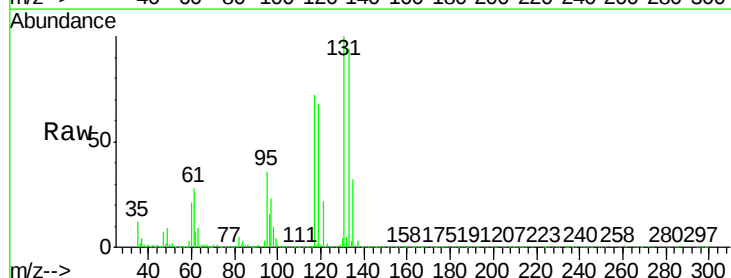
Instrument :
MSVOA_X
ClientSampleId :

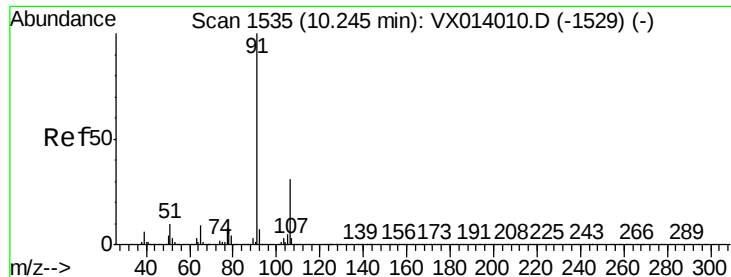
Tot Ion:112 Resp: 279662
Ion Ratio Lower Upper
112 100
114 31.7 24.9 37.3



#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

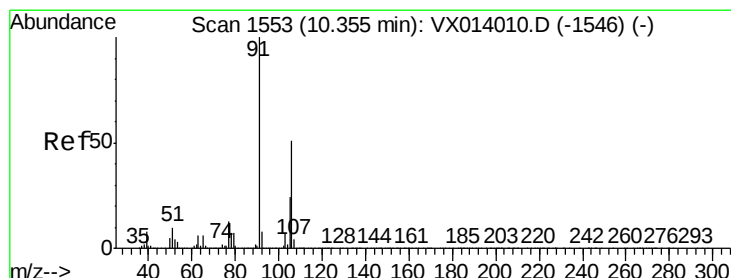
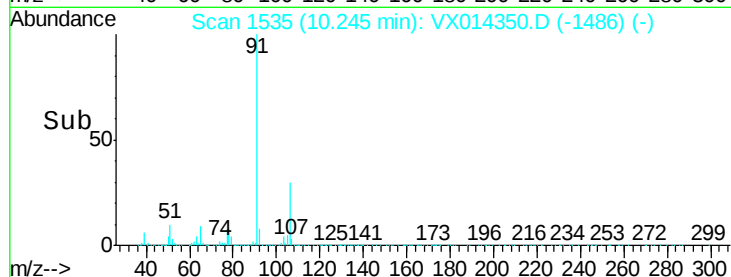
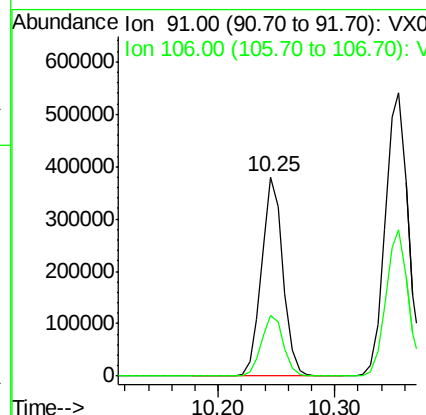
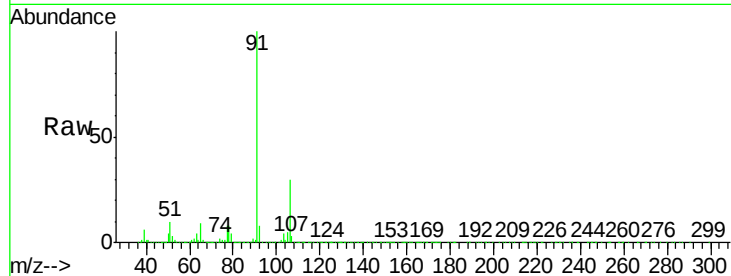




#67
Ethyl Benzene
Concen: 18.892 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

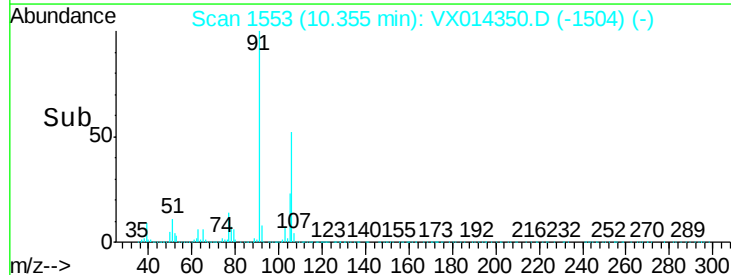
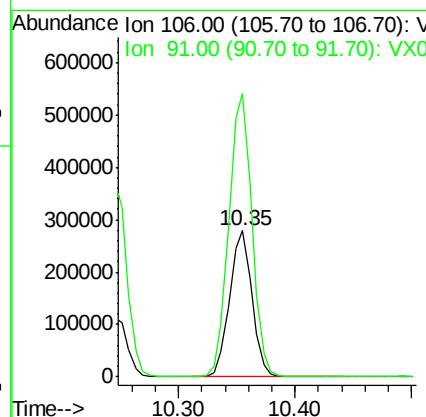
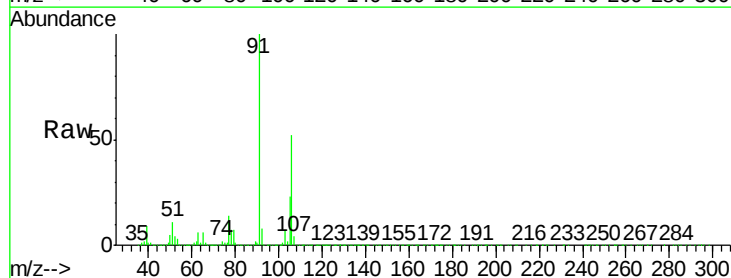
Instrument :
MSVOA_X
ClientSampled :

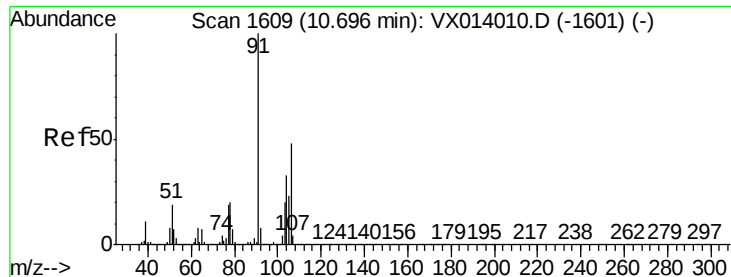
Tot Ion: 91 Resp: 485570
Ion Ratio Lower Upper
91 100
106 30.4 25.0 37.6



#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

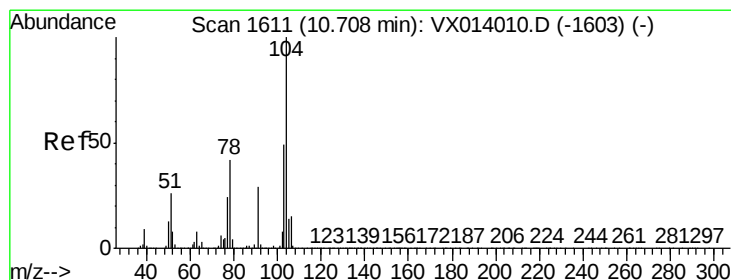
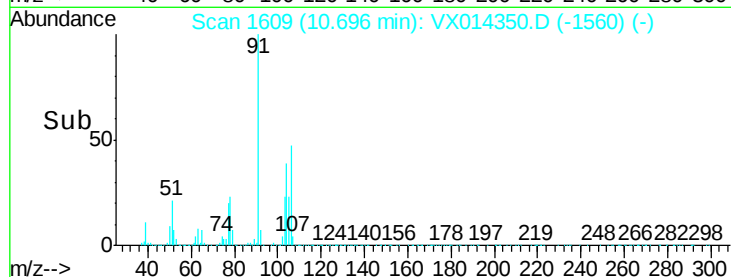
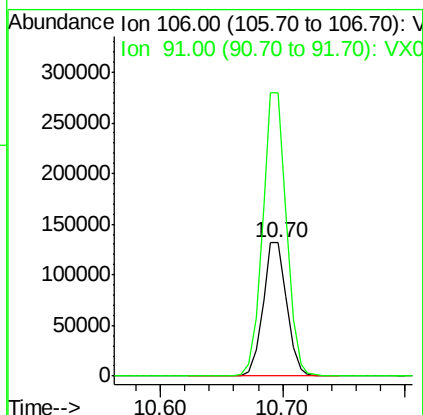
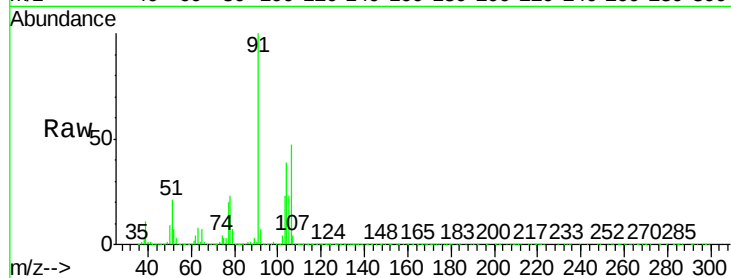




#69
o-Xylene
Concen: 18.342 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

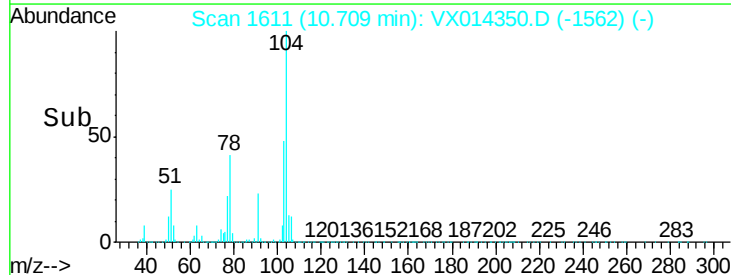
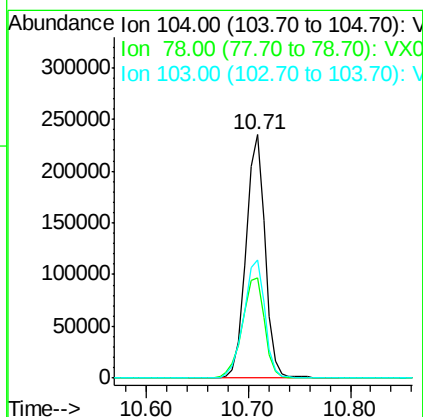
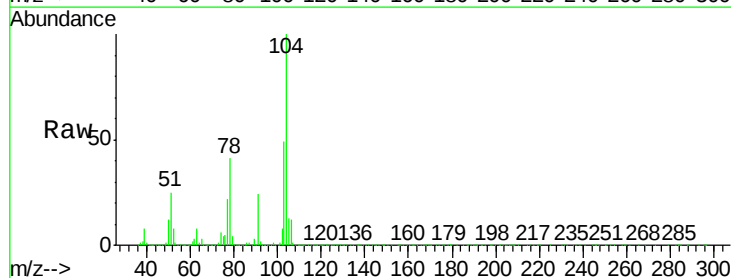
Instrument :
MSVOA_X
ClientSampleId :

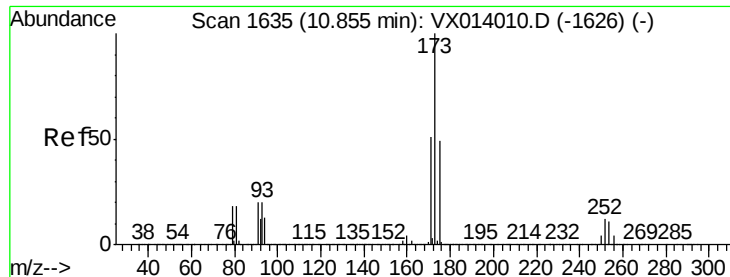
Tot Ion:106 Resp: 177833
Ion Ratio Lower Upper
106 100
91 212.4 104.2 312.6



#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 :

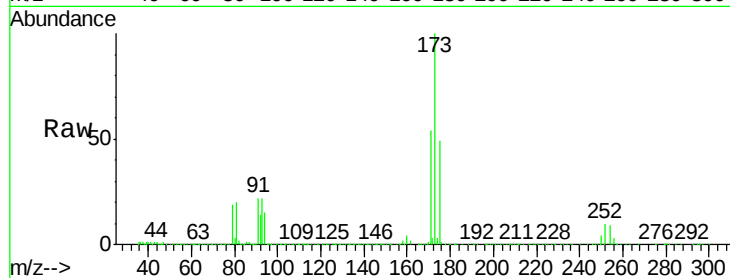
Tot Ion:173 Resp: 78069

Ion Ratio Lower Upper

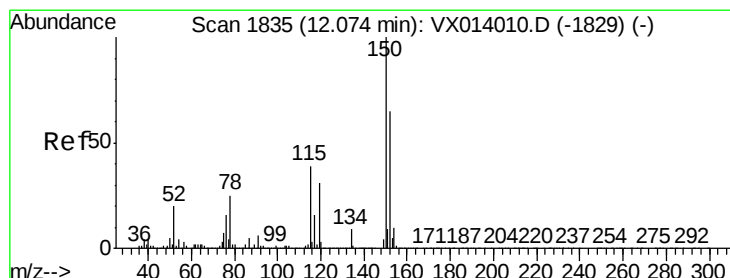
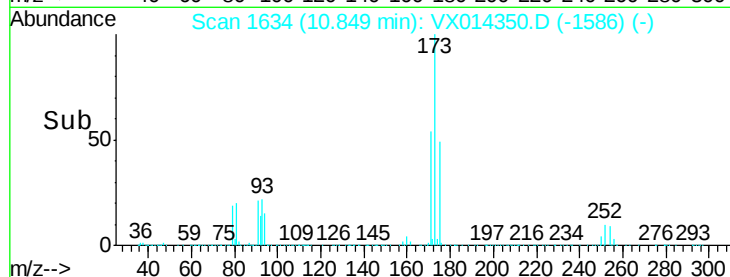
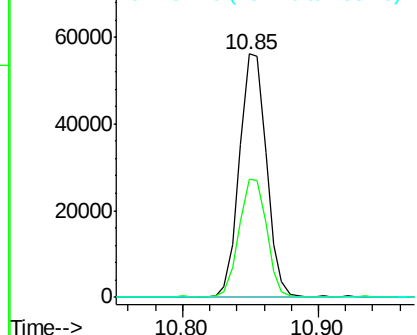
173 100

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

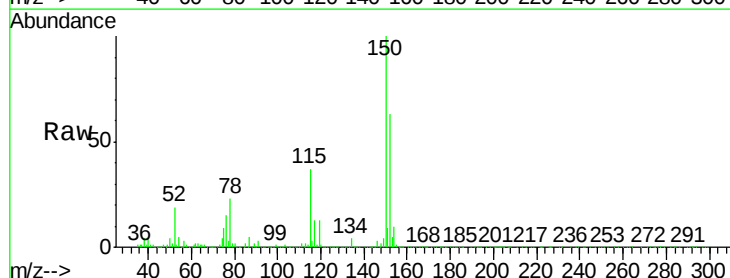
Tgt Ion:152 Resp: 340124

Ion Ratio Lower Upper

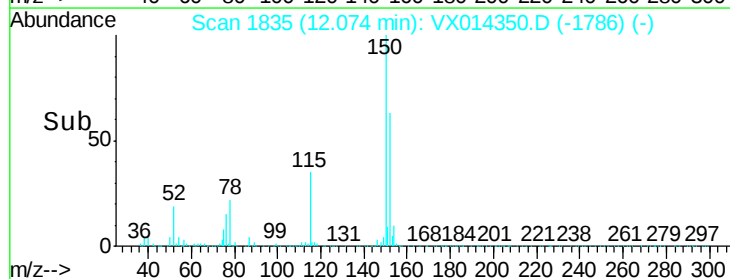
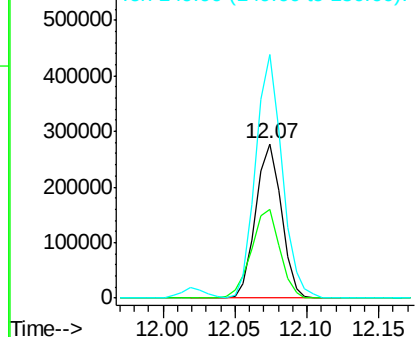
152 100

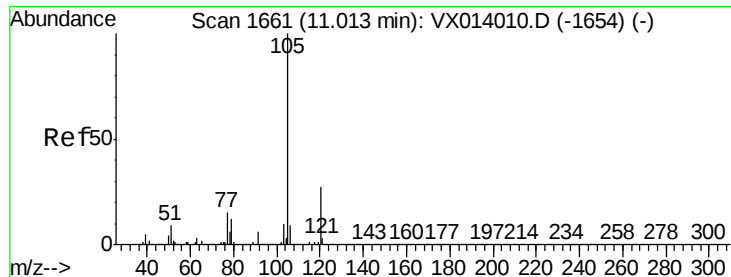
115 64.4 38.3 114.9

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

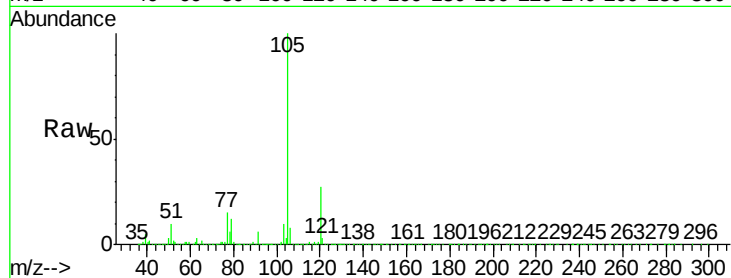
ClientSampleId :

Tot Ion:105 Resp: 479409

Ion Ratio Lower Upper

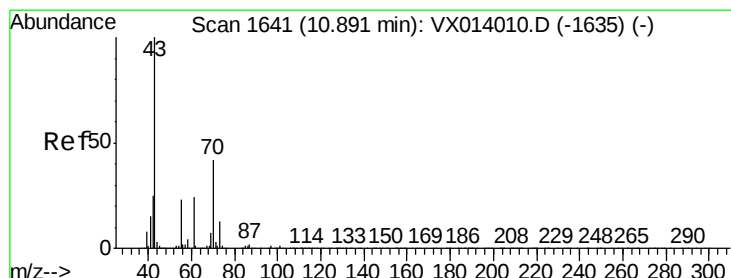
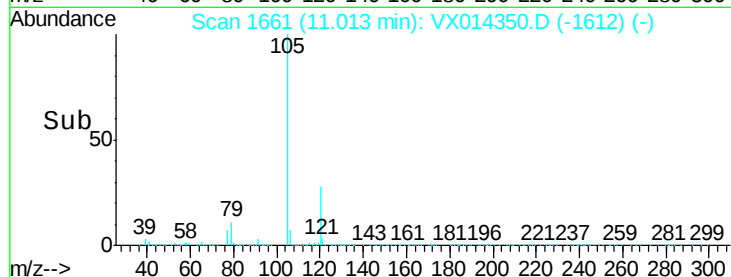
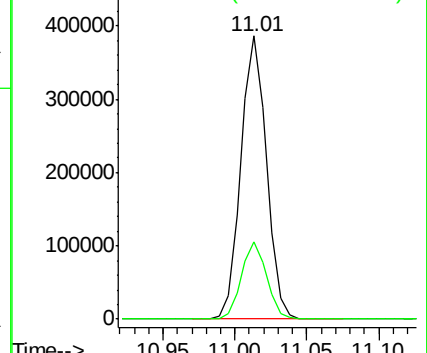
105 100

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

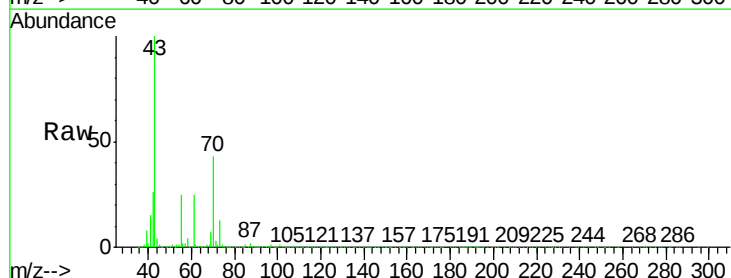
Ion Ratio Lower Upper

43 100

70 42.3 34.4 51.6

55 24.1 19.1 28.7

61 24.2 19.7 29.5

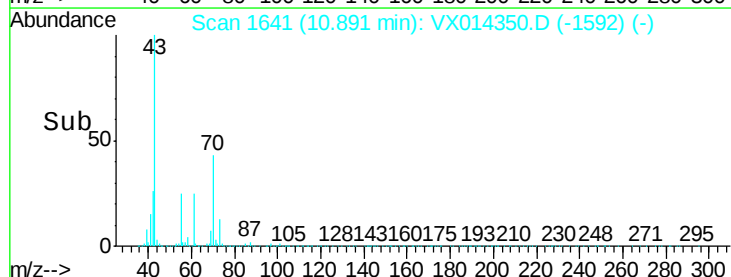
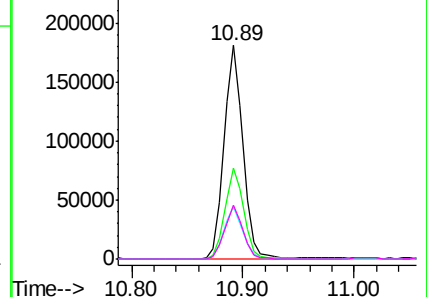


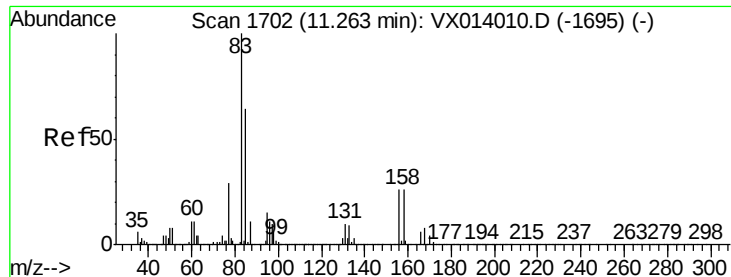
Abundance Ion 43.00 (42.70 to 43.70): VX0

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 :

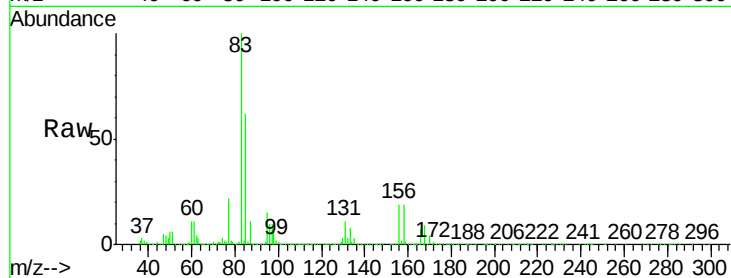
Tot Ion: 83 Resp: 160256

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.2

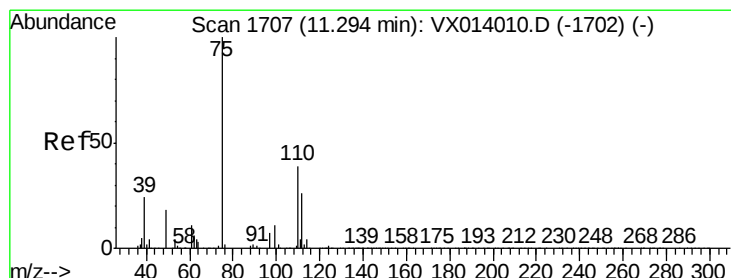
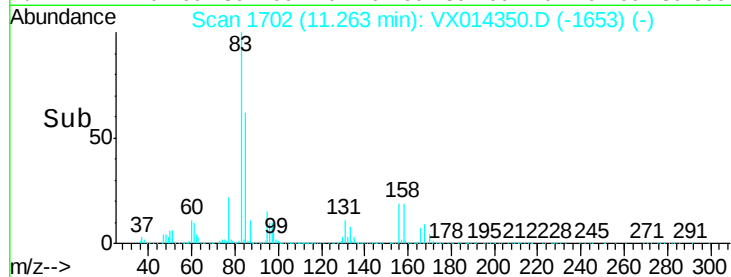
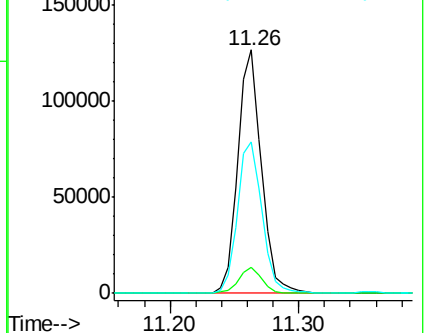
85 64.8 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

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

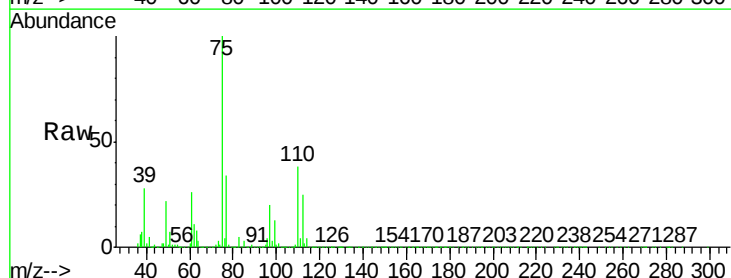
Acq: 30 Dec 2019 13:37

Tgt Ion: 75 Resp: 179110

Ion Ratio Lower Upper

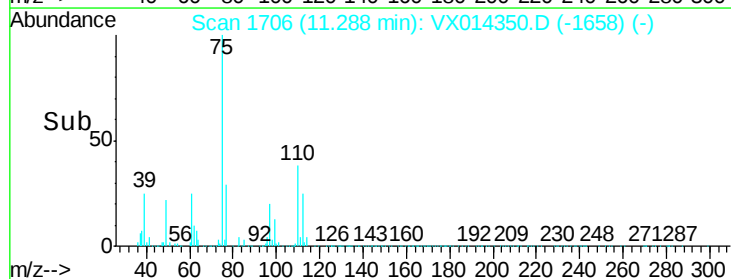
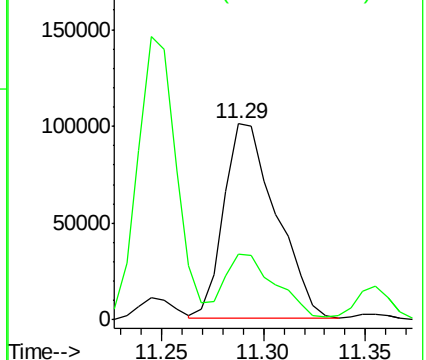
75 100

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 :

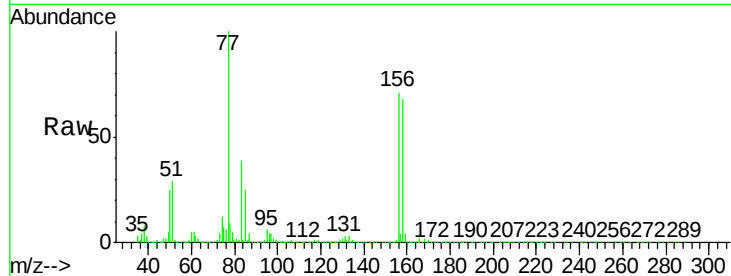
Tot Ion:156 Resp: 122259

Ion Ratio Lower Upper

156 100

77 156.2 76.5 229.5

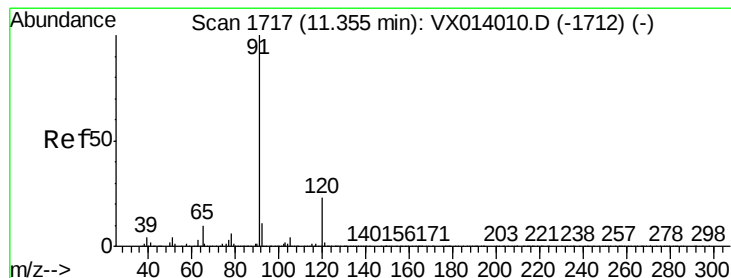
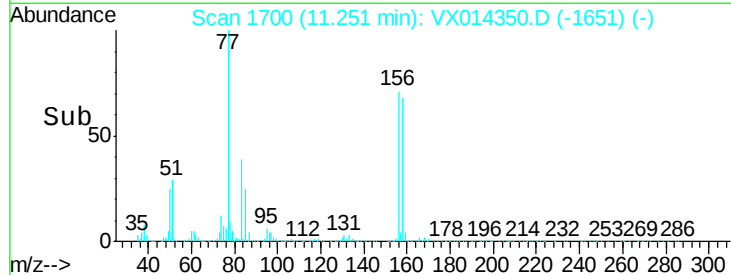
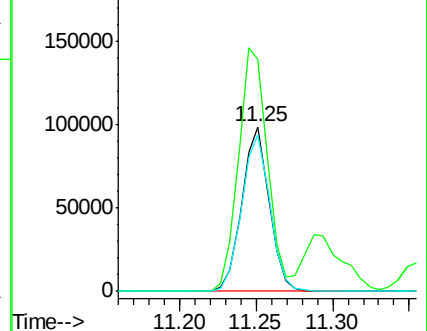
158 98.1 49.3 147.9



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

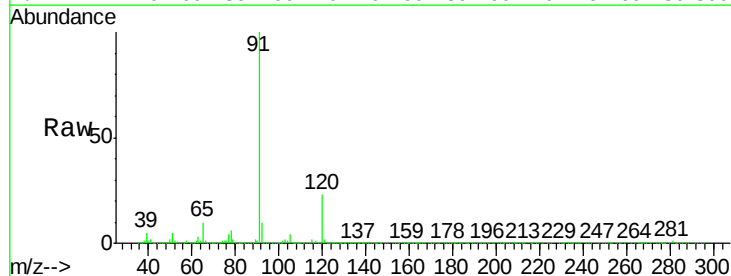
Acq: 30 Dec 2019 13:37

Tgt Ion: 91 Resp: 538755

Ion Ratio Lower Upper

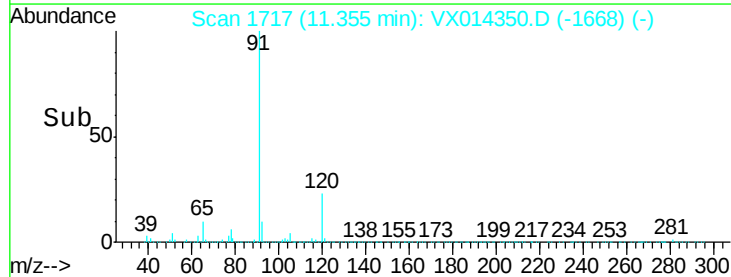
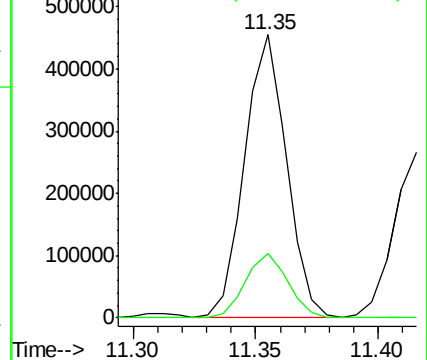
91 100

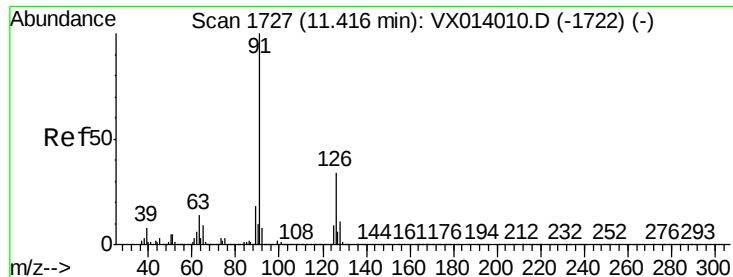
120 23.4 11.7 35.0



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

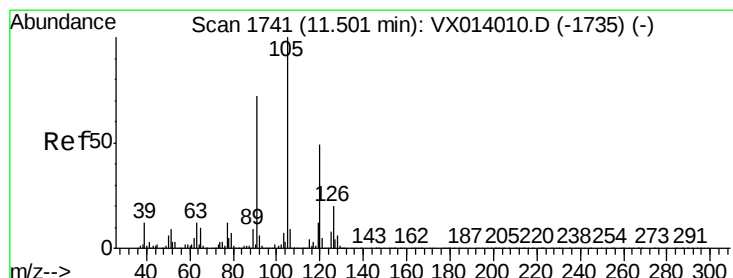
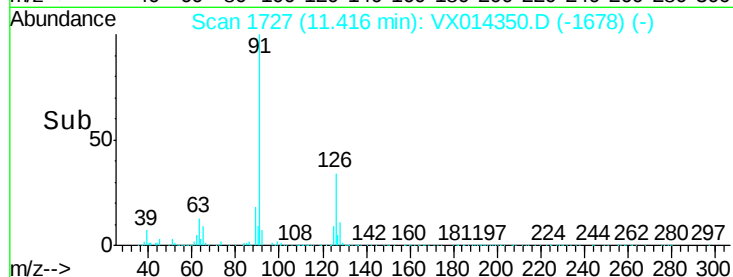
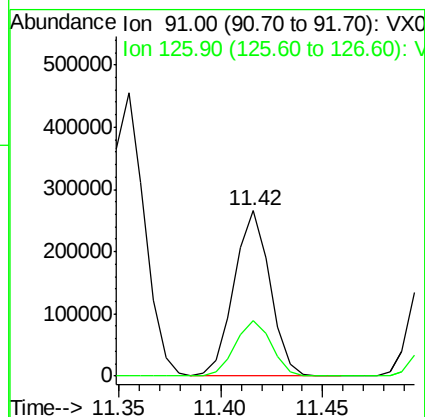
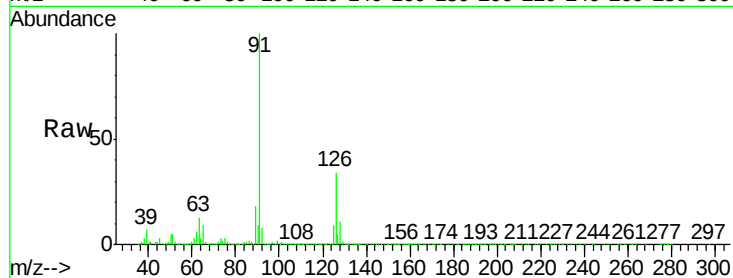
ClientSampled :

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

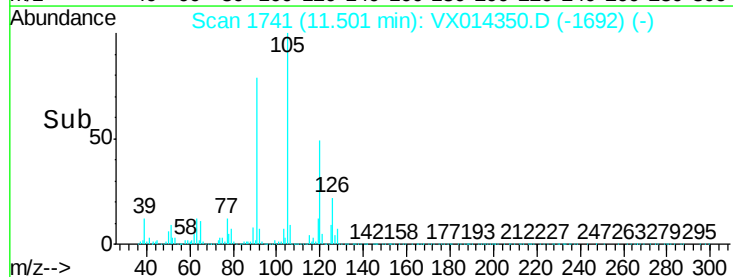
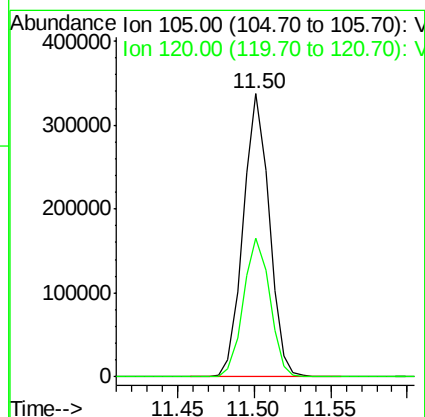
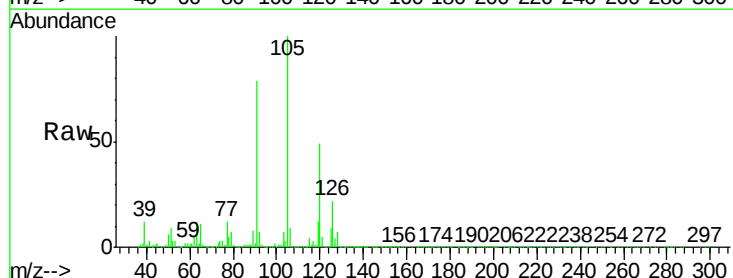
Acq: 30 Dec 2019 13:37

Tgt Ion: 105 Resp: 397723

Ion Ratio Lower Upper

105 100

120 49.7 25.3 75.8

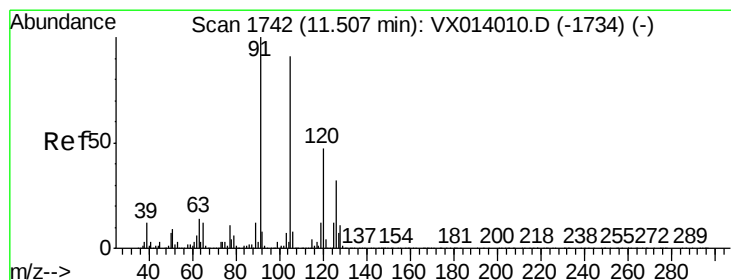
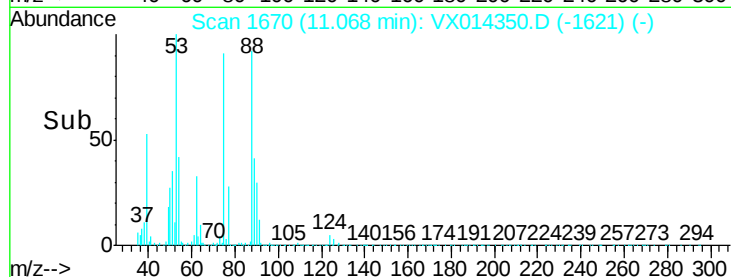
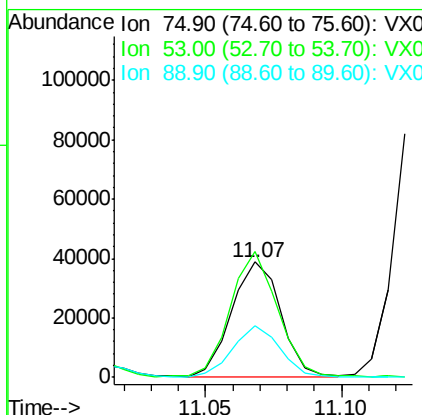
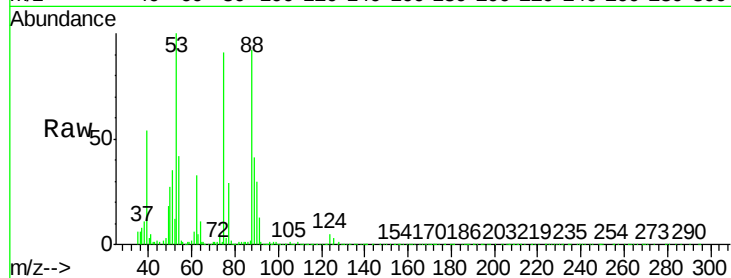




#81
trans-1,4-Dichloro-2-butene
Concen: 18.399 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

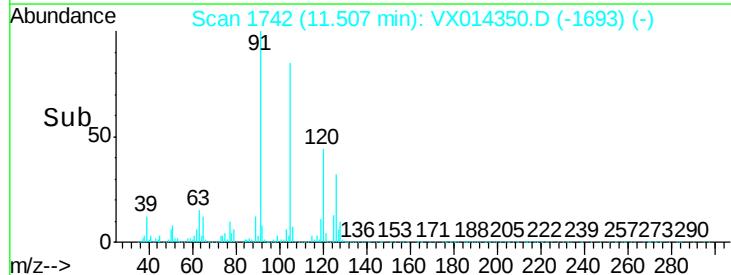
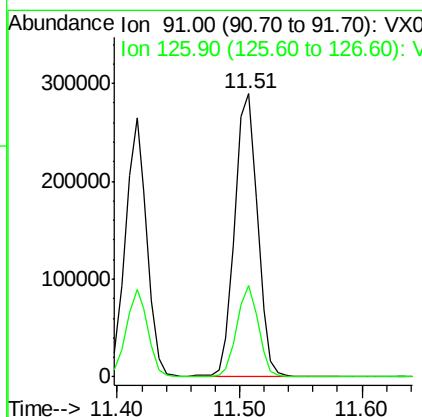
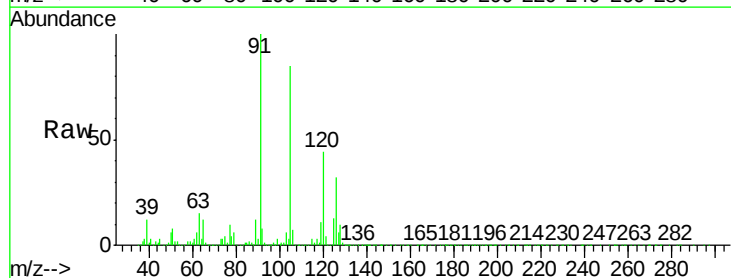
Instrument :
MSVOA_X
ClientSampleId :

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

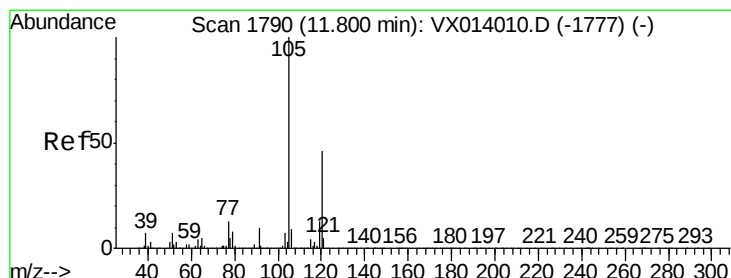
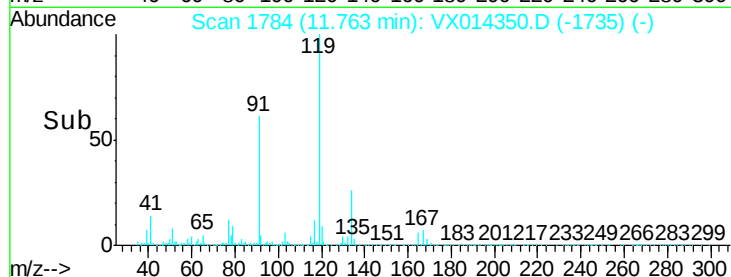
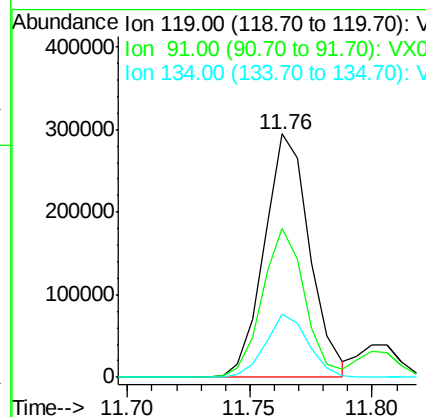
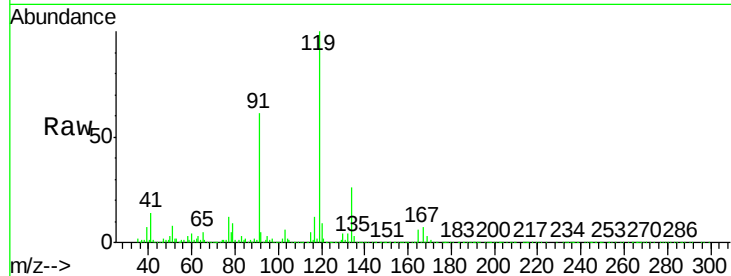




#83
tert-Butylbenzene
Concen: 19.491 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

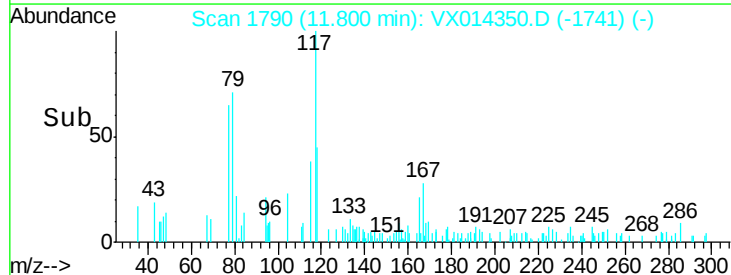
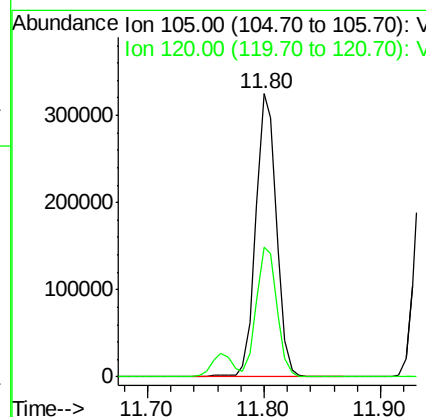
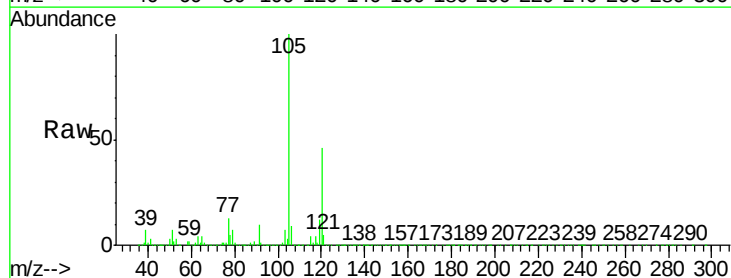
Instrument :
MSVOA_X
ClientSampleId :

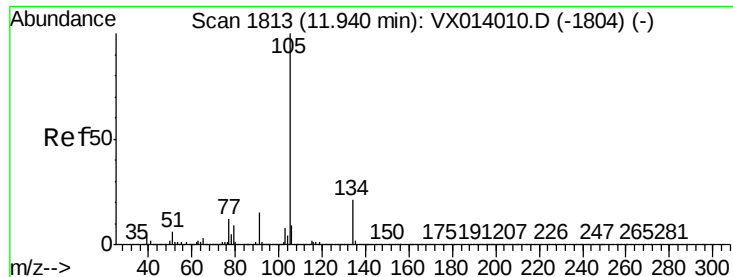
Tot Ion	Ratio	Lower	Upper
119	100		
91	57.8	28.5	85.6
134	24.6	12.2	36.6



#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	Ratio	Lower	Upper
105	100		
120	45.8	23.1	69.2





#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

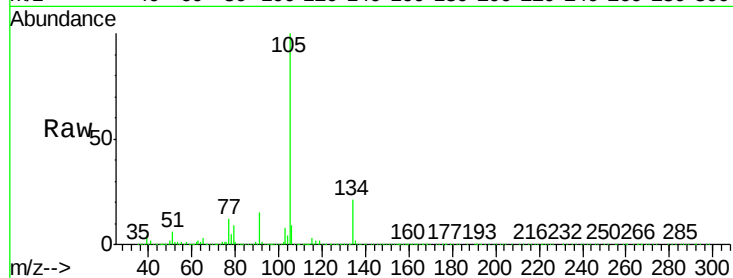
ClientSampleId :

Tot Ion:105 Resp: 464946

Ion Ratio Lower Upper

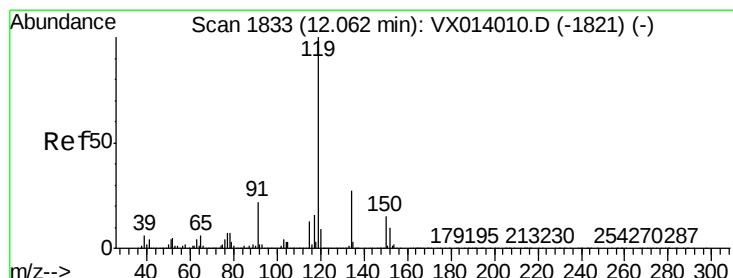
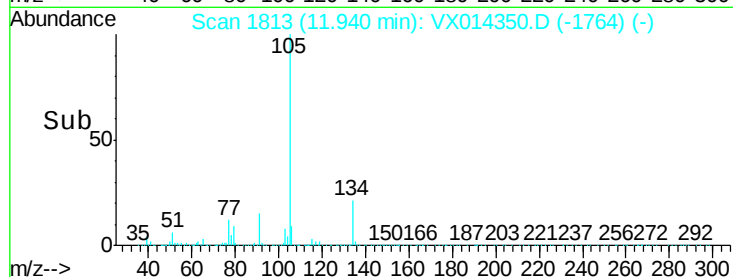
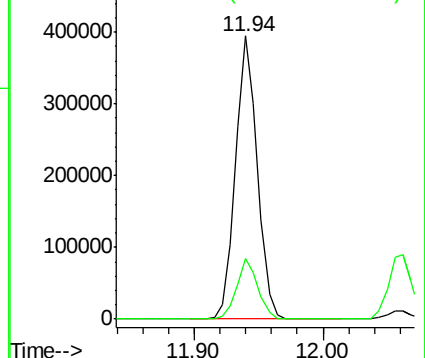
105 100

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

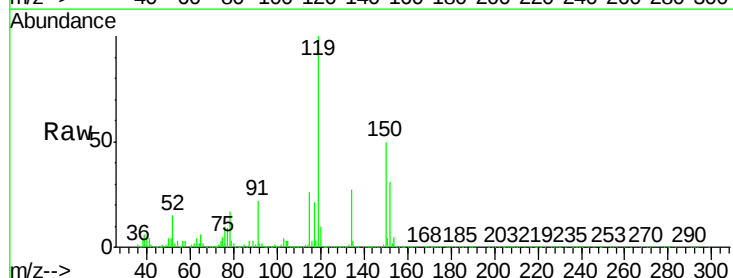
Tgt Ion:119 Resp: 422926

Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.1

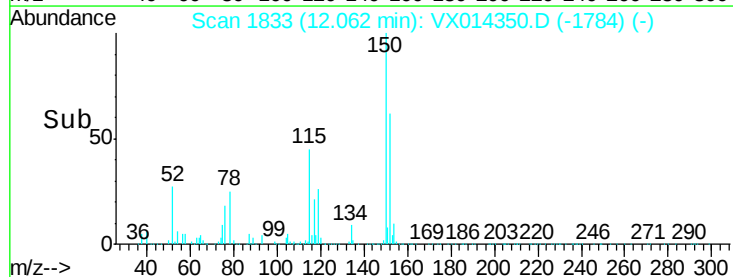
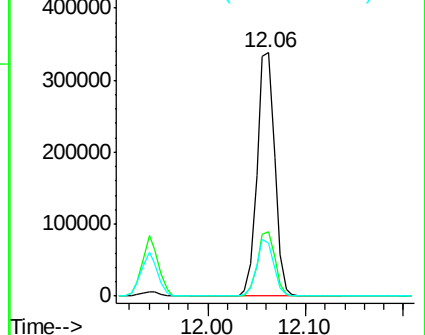
91 22.6 11.4 34.1

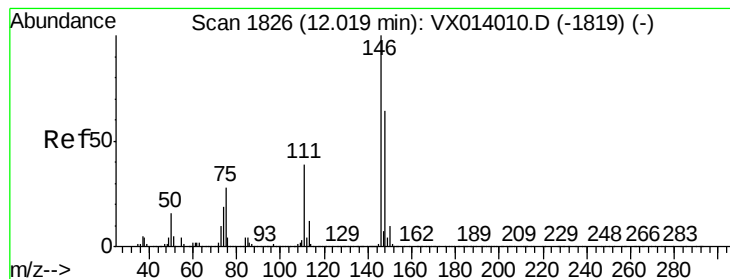


Abundance Ion 119.00 (118.70 to 119.70): V

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 :

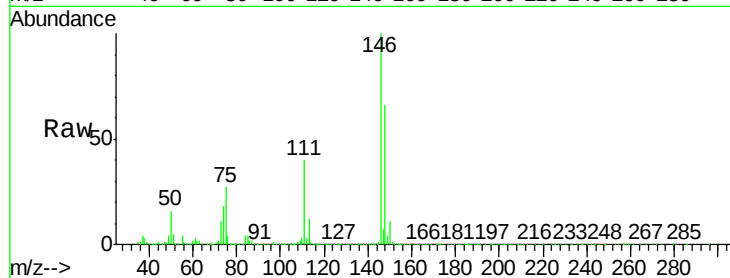
Tot Ion:146 Resp: 219608

Ion Ratio Lower Upper

146 100

111 37.8 19.1 57.1

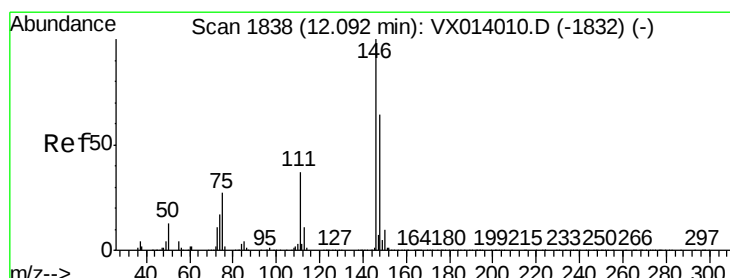
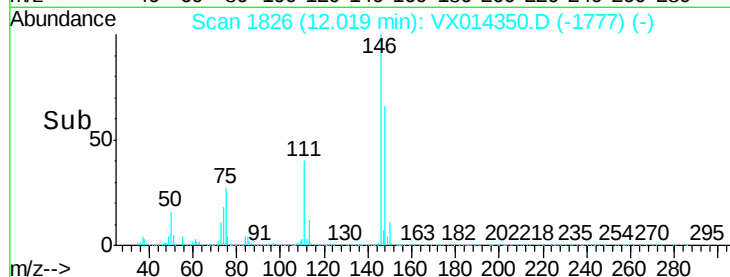
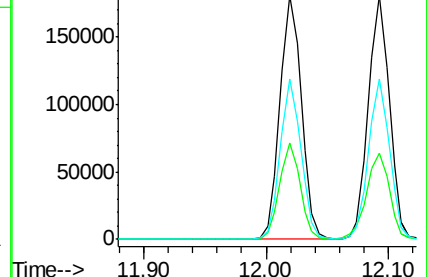
148 63.6 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#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

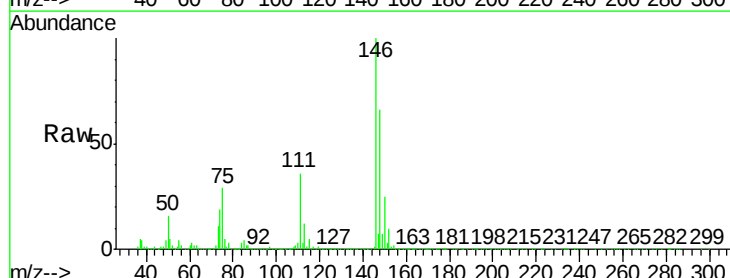
Tgt Ion:146 Resp: 214933

Ion Ratio Lower Upper

146 100

111 38.3 18.7 56.1

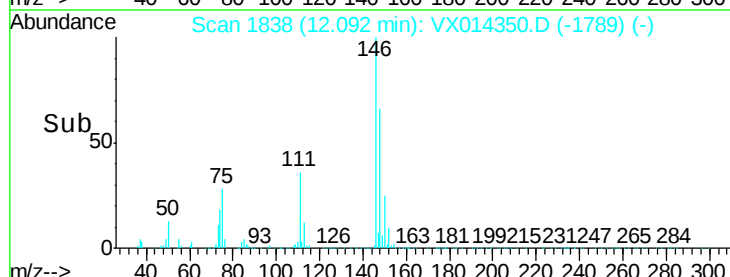
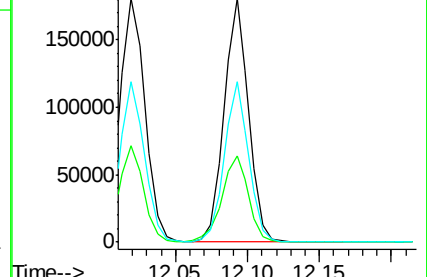
148 65.3 31.9 95.9

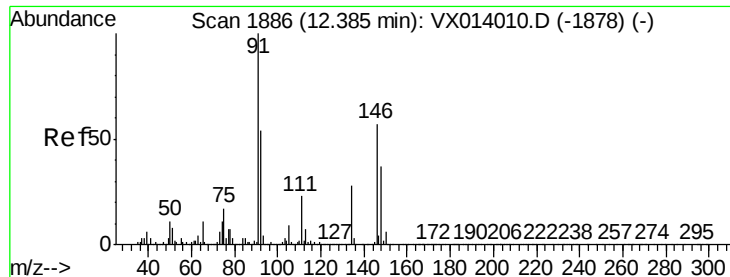


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

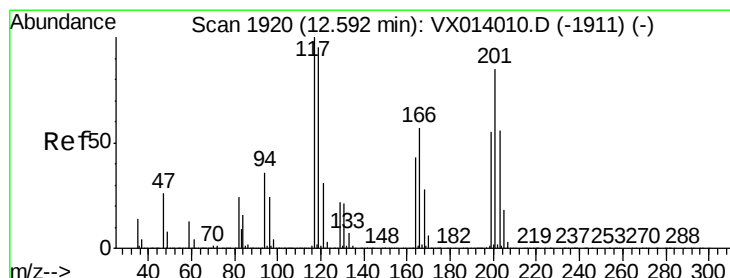
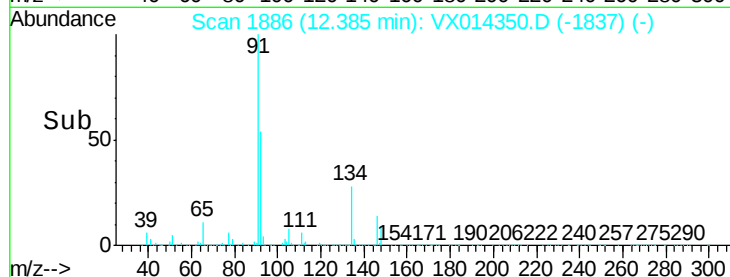
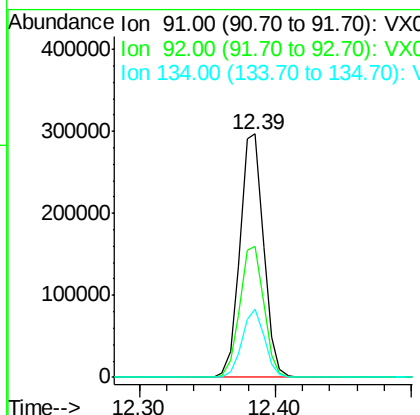
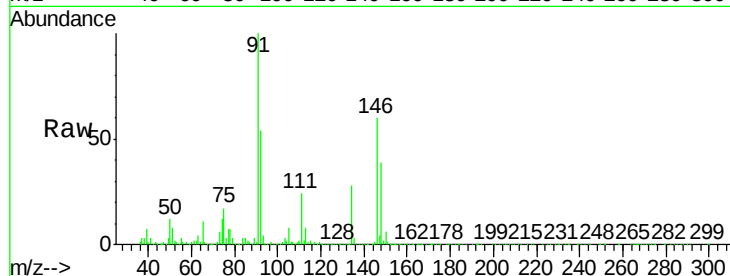




#89
n-Butylbenzene
Concen: 19.849 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

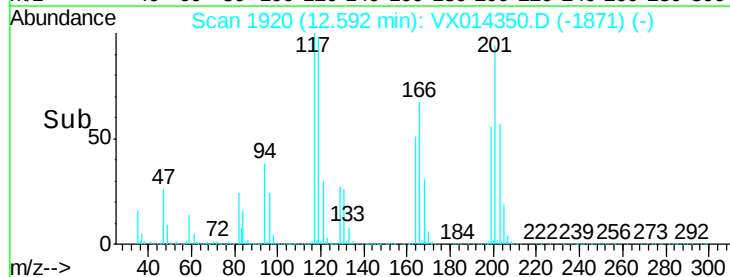
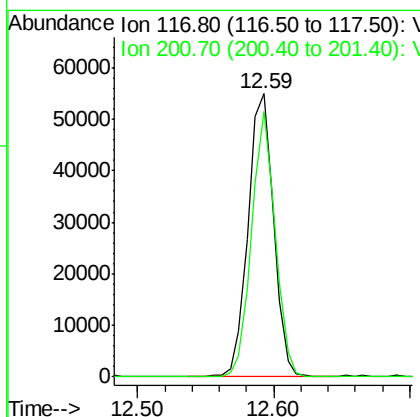
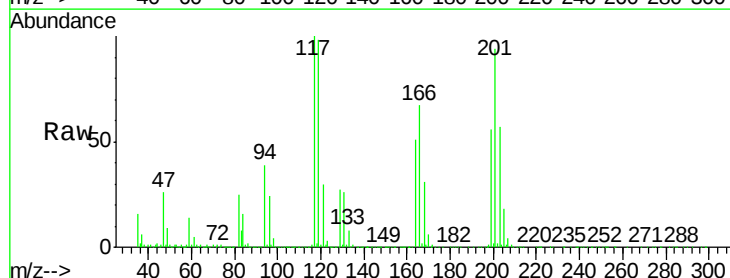
Instrument :
MSVOA_X
ClientSampleId :

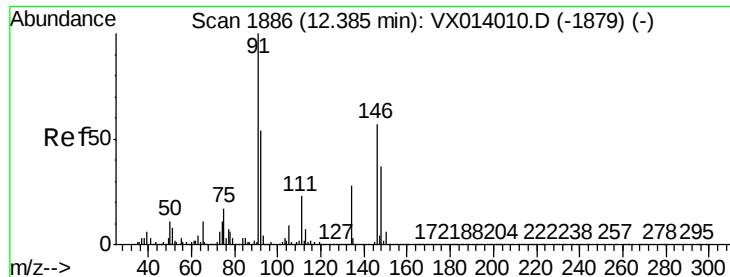
Tot Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.2	81.6
134	26.6	13.4	40.1



#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	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 :

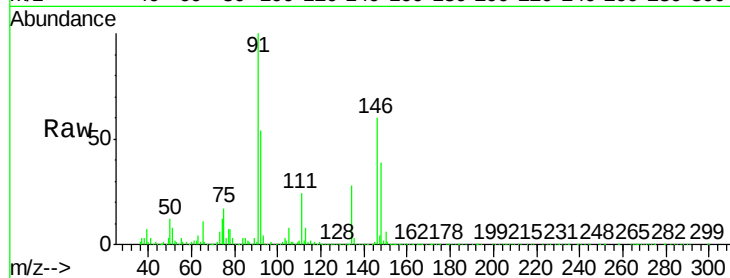
Tot Ion:146 Resp: 219027

Ion Ratio Lower Upper

146 100

111 39.2 19.7 59.1

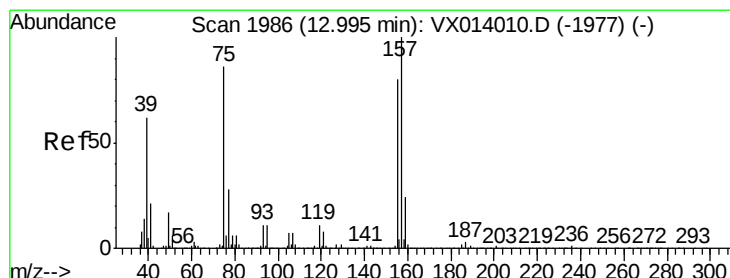
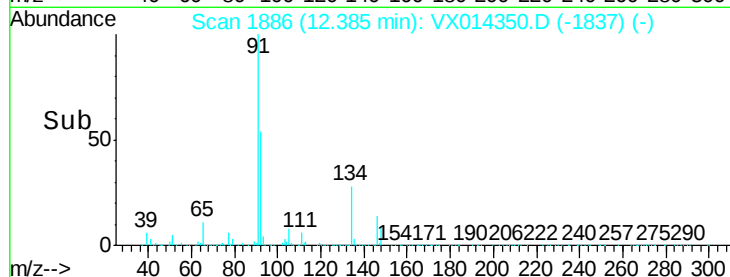
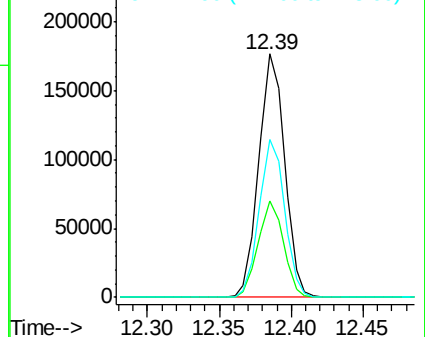
148 64.0 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.571 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

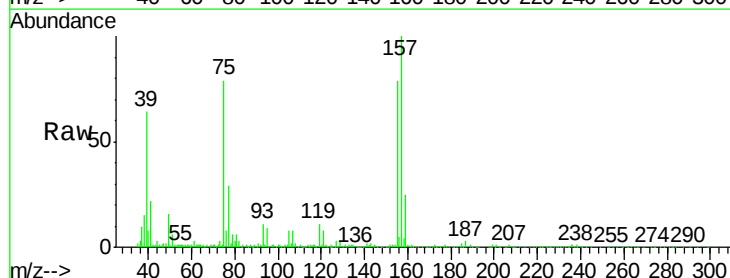
Tgt Ion: 75 Resp: 32282

Ion Ratio Lower Upper

75 100

155 93.4 46.9 140.6

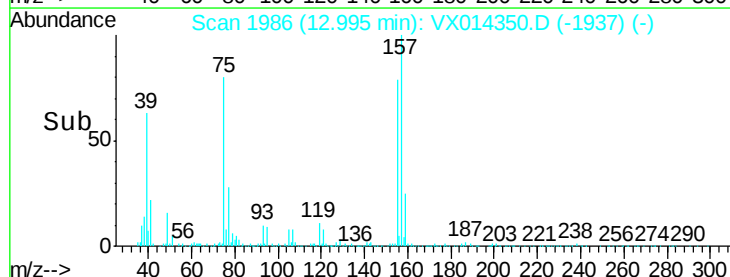
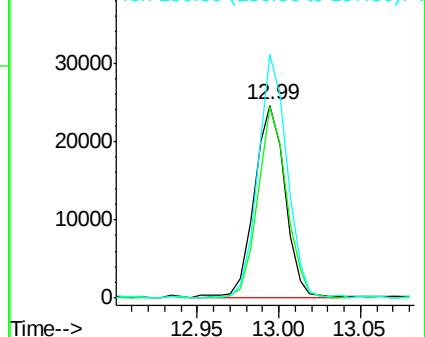
157 119.0 60.8 182.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 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 :

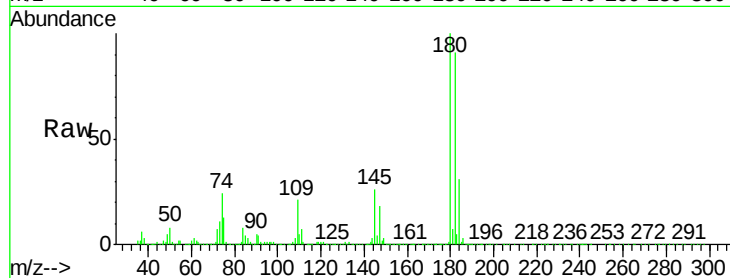
Tot Ion:180 Resp: 141527

Ion Ratio Lower Upper

180 100

182 93.0 46.6 139.8

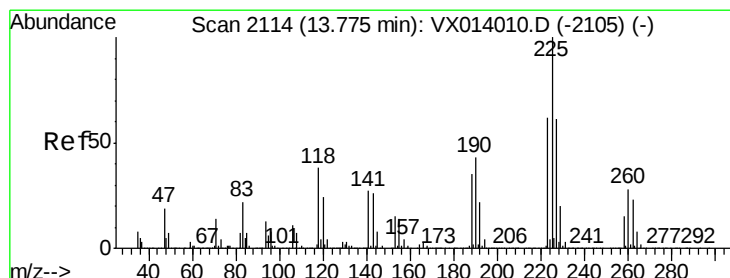
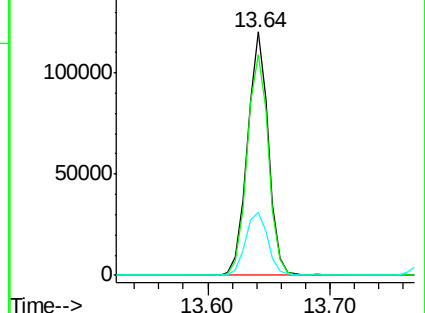
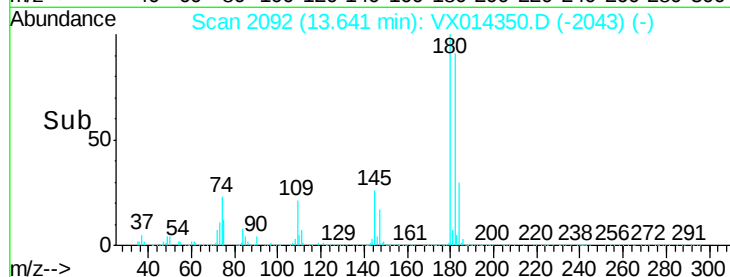
145 27.2 14.2 42.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 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

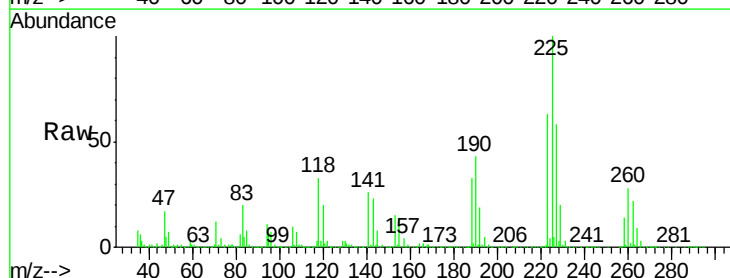
Tgt Ion:225 Resp: 71572

Ion Ratio Lower Upper

225 100

223 64.5 30.9 92.5

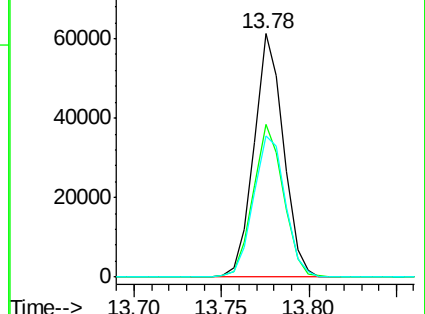
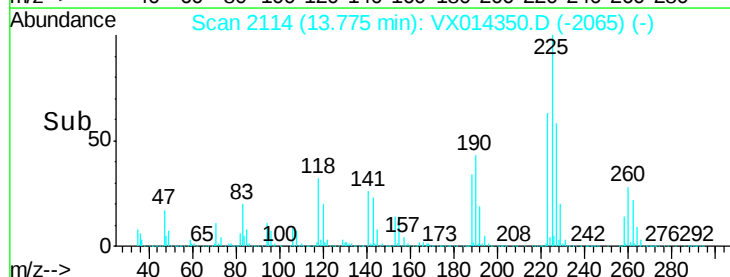
227 63.0 30.9 92.7

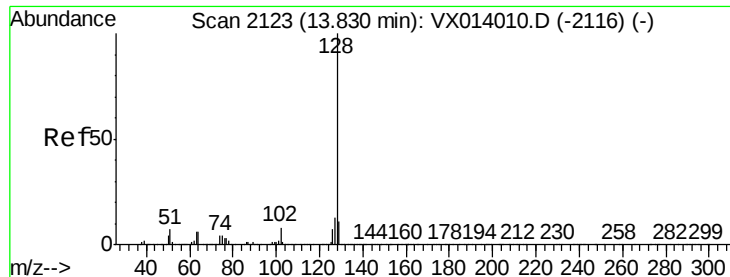


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

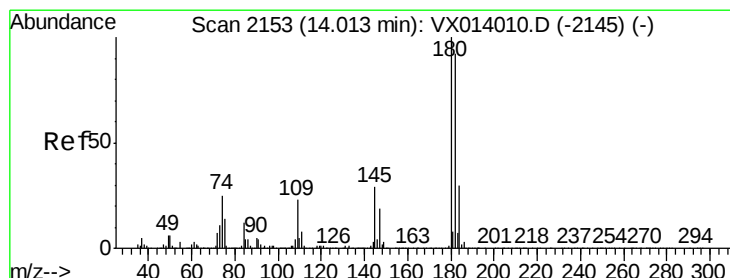
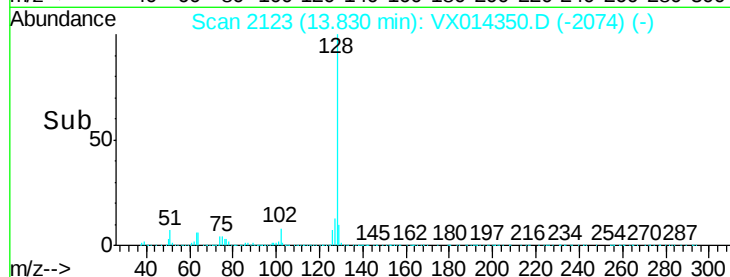
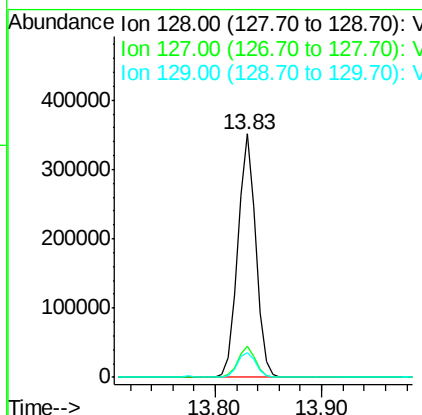
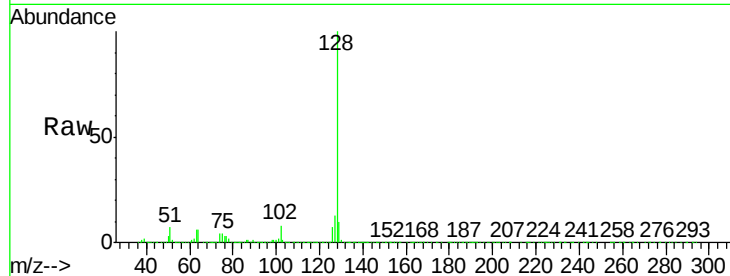




#95
Naphthalene
Concen: 18.748 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Instrument :
MSVOA_X
ClientSampleId :

Tot 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	Ratio	Lower	Upper
180	100		
182	95.1	46.8	140.3
145	30.6	14.8	44.4

