

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122319\
 Data File : VX014221.D
 Acq On : 23 Dec 2019 23:45
 Operator : JC/SP
 Sample : VX1223MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223MBS02

Quant Time: Dec 24 03:47:12 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	509286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	788895	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	709414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	347894	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	294879	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
35) Dibromofluoromethane	5.49	113	240768	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
50) Toluene-d8	8.71	98	944955	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
62) 4-Bromofluorobenzene	11.13	95	326262	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	79469	17.442	ug/l 99
3) Chloromethane	1.32	50	109577	17.921	ug/l 99
4) Vinyl Chloride	1.40	62	118052	18.297	ug/l 99
5) Bromomethane	1.63	94	73705	16.095	ug/l 97
6) Chloroethane	1.72	64	78313	19.667	ug/l 98
7) Trichlorofluoromethane	1.92	101	154874	19.391	ug/l 99
8) Diethyl Ether	2.18	74	71897	19.181	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	90166	18.728	ug/l 98
10) Methyl Iodide	2.50	142	95682	16.901	ug/l 98
11) Tert butyl alcohol	3.03	59	135990	109.036	ug/l 100
12) 1,1-Dichloroethene	2.37	96	92701	18.922	ug/l 95
13) Acrolein	2.28	56	63575	89.048	ug/l 99
14) Allyl chloride	2.72	41	169834	19.416	ug/l 98
15) Acrylonitrile	3.13	53	297122	102.066	ug/l 99
16) Acetone	2.43	43	338517	90.336	ug/l 98
17) Carbon Disulfide	2.56	76	235394	17.798	ug/l 100
18) Methyl Acetate	2.76	43	158307	21.320	ug/l 97
19) Methyl tert-butyl Ether	3.19	73	317431	19.718	ug/l 97
20) Methylene Chloride	2.85	84	110039	18.648	ug/l 97
21) trans-1,2-Dichloroethene	3.16	96	100473	18.616	ug/l 99
22) Diisopropyl ether	3.84	45	346748	19.893	ug/l 98
23) Vinyl Acetate	3.80	43	983667	69.153	ug/l 100
24) 1,1-Dichloroethane	3.69	63	186127	19.193	ug/l 99
25) 2-Butanone	4.66	43	447915	96.952	ug/l 99
26) 2,2-Dichloropropane	4.57	77	125151	16.622	ug/l 100
27) cis-1,2-Dichloroethene	4.59	96	118874	19.475	ug/l 99
28) Bromochloromethane	5.00	49	77508	21.047	ug/l 100
29) Tetrahydrofuran	5.11	42	271900	105.221	ug/l 99
30) Chloroform	5.20	83	182312	19.831	ug/l 97
31) Cyclohexane	5.57	56	164426	19.064	ug/l 98
32) 1,1,1-Trichloroethane	5.48	97	151811	19.376	ug/l 100
36) 1,1-Dichloropropene	5.79	75	133338	18.421	ug/l 98
37) Ethyl Acetate	4.82	43	159340	19.934	ug/l 98
38) Carbon Tetrachloride	5.78	117	125318	19.004	ug/l 95

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Instrument :
 MSVOA_X
 ClientSampleID :
 VX1223MBSD02

Quant Time: Dec 24 03:47:12 2019
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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	163546	18.298	ug/l	97
40) Benzene	6.13	78	425398	19.100	ug/l	99
41) Methacrylonitrile	5.03	41	87251	19.673	ug/l	98
42) 1,2-Dichloroethane	6.18	62	146775	19.441	ug/l	99
43) Isopropyl Acetate	6.43	43	263152	19.893	ug/l	98
44) Trichloroethene	7.21	130	121909	19.817	ug/l	100
45) 1,2-Dichloropropane	7.51	63	112490	19.705	ug/l	96
46) Dibromomethane	7.65	93	72164	19.120	ug/l	99
47) Bromodichloromethane	7.89	83	138433	19.475	ug/l	98
48) Methyl methacrylate	7.76	41	127015	19.608	ug/l	99
49) 1,4-Dioxane	7.73	88	53372	404.875	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	830329	99.945	ug/l	100
52) Toluene	8.78	92	266702	18.945	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	143817	18.452	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	163734	18.856	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	110406	19.568	ug/l	98
56) Ethyl methacrylate	9.17	69	170605	19.249	ug/l	99
57) 1,3-Dichloropropane	9.37	76	184816	19.469	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	335859	100.136	ug/l	99
59) 2-Hexanone	9.48	43	646092	96.607	ug/l	99
60) Dibromochloromethane	9.57	129	109321	19.493	ug/l	100
61) 1,2-Dibromoethane	9.67	107	113775	19.709	ug/l	99
64) Tetrachloroethene	9.33	164	167488	26.681	ug/l	94
65) Chlorobenzene	10.14	112	288007	19.094	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	105358	19.562	ug/l	100
67) Ethyl Benzene	10.25	91	498059	19.206	ug/l	99
68) m/p-Xylenes	10.35	106	382665	38.366	ug/l	100
69) o-Xylene	10.70	106	186474	19.063	ug/l	99
70) Styrene	10.71	104	309955	18.738	ug/l	99
71) Bromoform	10.85	173	80854	18.676	ug/l #	97
73) Isopropylbenzene	11.01	105	489383	19.979	ug/l	99
74) N-amyl acetate	10.89	43	220733	19.225	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	151259	17.812	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	183370	24.279	ug/l	88
77) Bromobenzene	11.25	156	128164	19.017	ug/l	99
78) n-propylbenzene	11.35	91	548190	19.952	ug/l	100
79) 2-Chlorotoluene	11.42	91	329566	19.733	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	404933	19.643	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	46700	17.452	ug/l	92
82) 4-Chlorotoluene	11.51	91	371357	19.169	ug/l	100
83) tert-Butylbenzene	11.76	119	352040	17.548	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	407294	19.729	ug/l	100
85) sec-Butylbenzene	11.94	105	468368	19.777	ug/l	100
86) p-Isopropyltoluene	12.06	119	423545	19.551	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	222122	18.806	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	223897	18.643	ug/l	99
89) n-Butylbenzene	12.39	91	347763	18.813	ug/l	99
90) Hexachloroethane	12.59	117	70483	18.114	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	226521	19.051	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32699	17.400	ug/l	97

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Instrument :
MSVOA_X
ClientSampleId :
VX1223MBSD02

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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

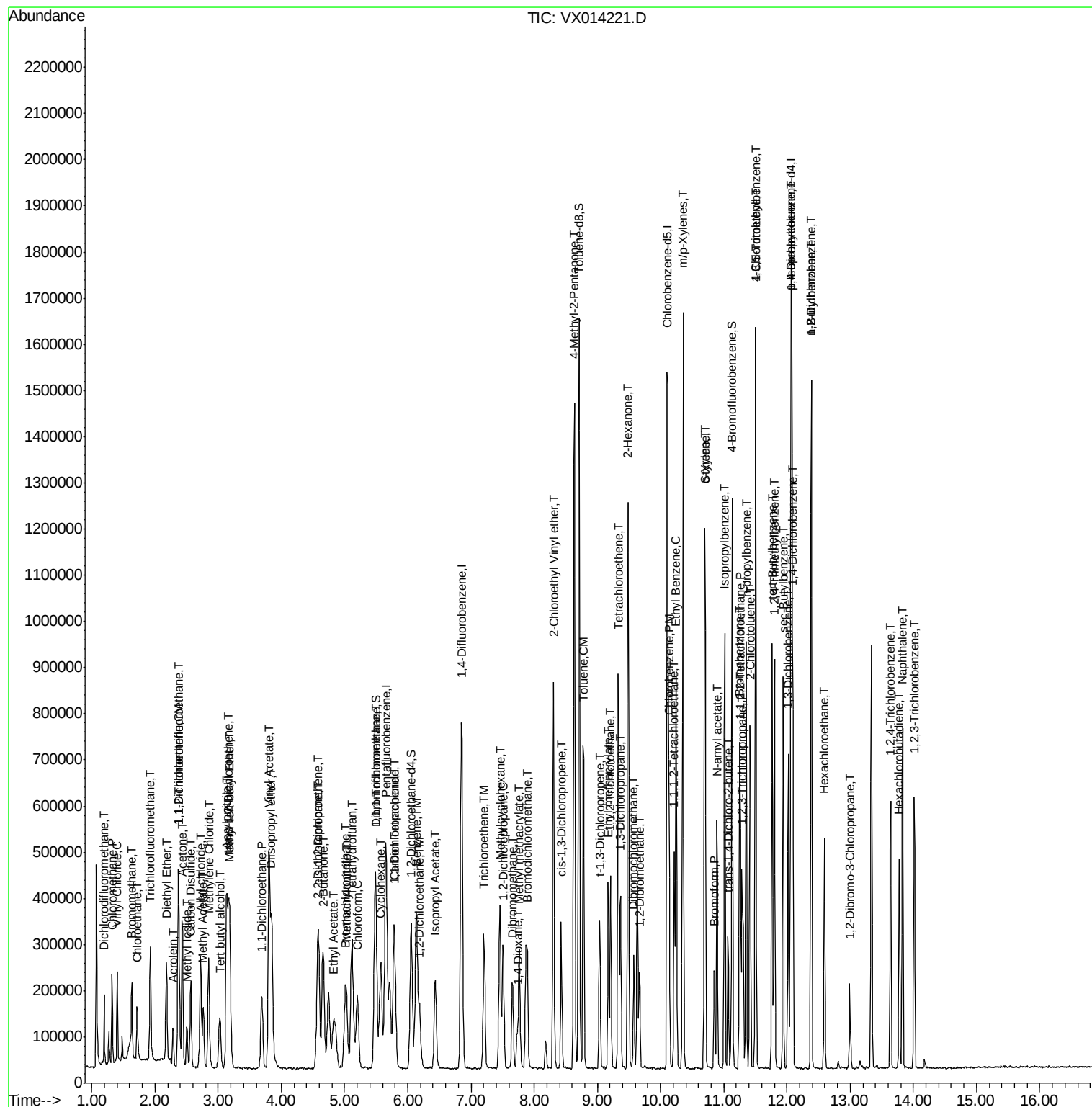
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	144610	18.712	ug/l	98
94) Hexachlorobutadiene	13.78	225	69673	18.759	ug/l	98
95) Naphthalene	13.83	128	452684	19.937	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	147867	19.383	ug/l	98

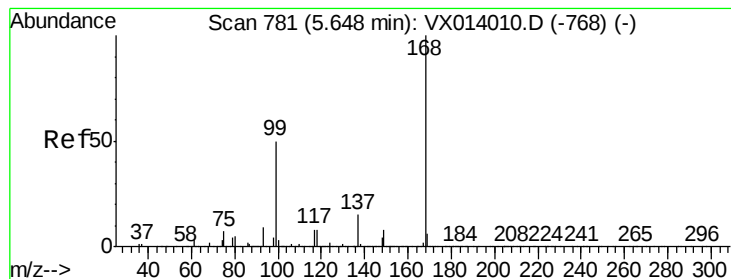
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX122319\
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Quant Time: Dec 24 03:47:12 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

ClientSampleId :

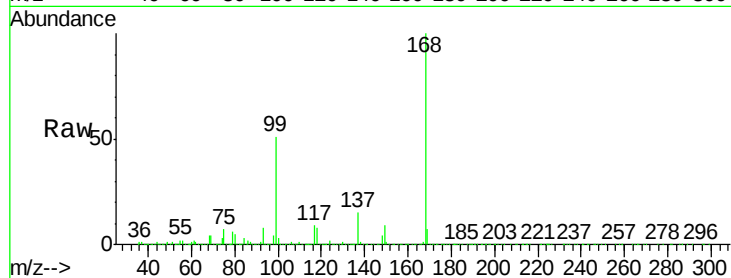
VX1223MBS02

Tgt Ion:168 Resp: 509286

Ion Ratio Lower Upper

168 100

99 50.9 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

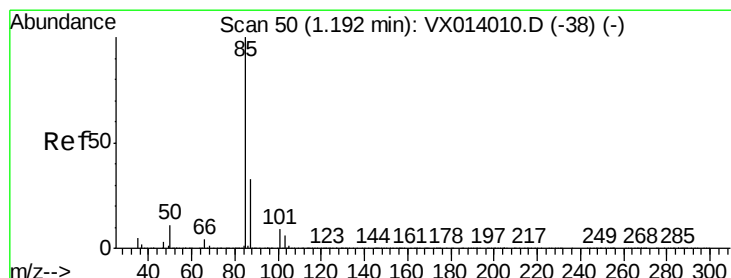
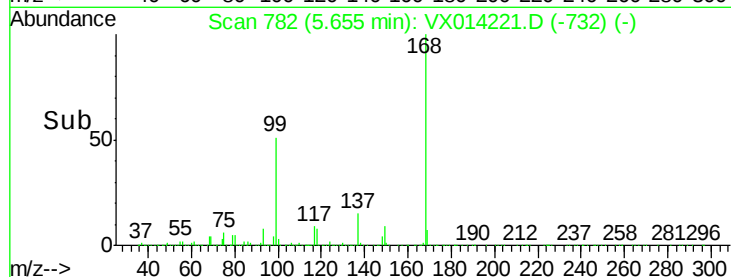
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 17.442 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014221.D

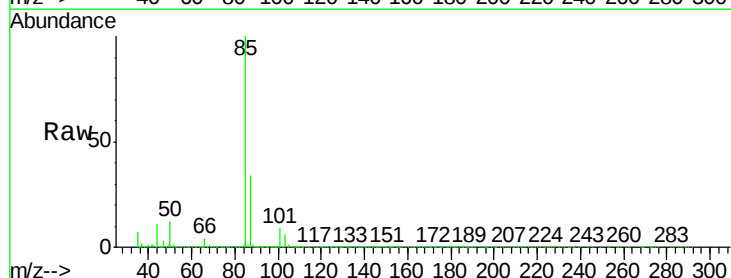
Acq: 23 Dec 2019 23:45

Tgt Ion: 85 Resp: 79469

Ion Ratio Lower Upper

85 100

87 33.6 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

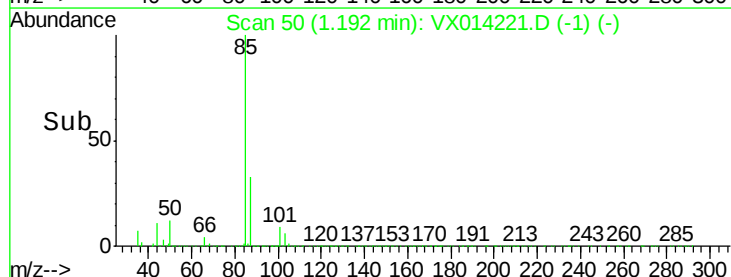
40000

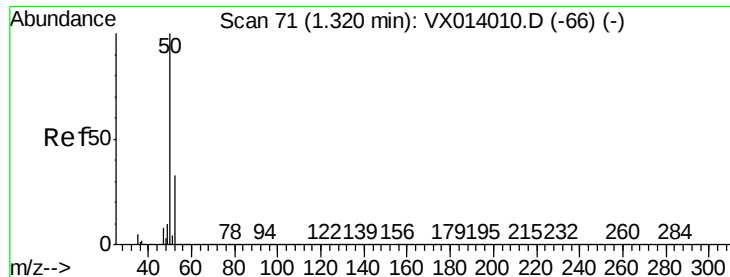
20000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 17.921 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

ClientSampleId :

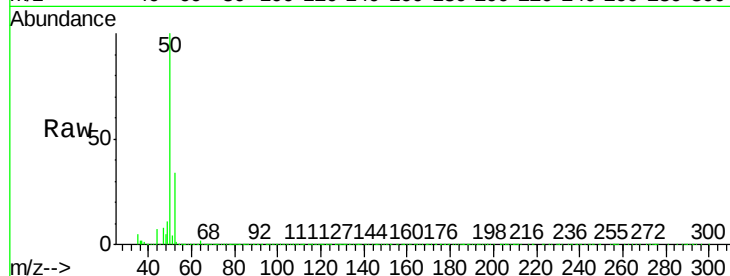
VX1223MBSD02

Tgt Ion: 50 Resp: 109577

Ion Ratio Lower Upper

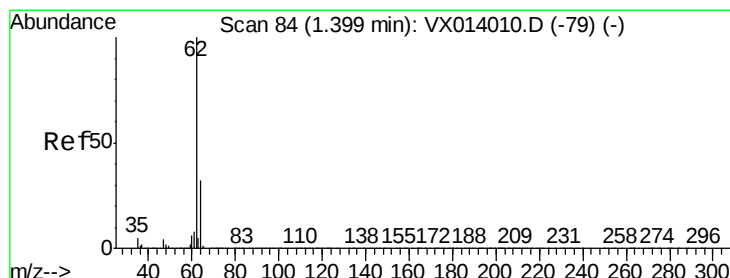
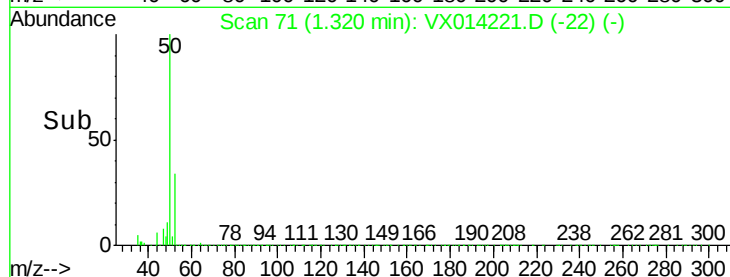
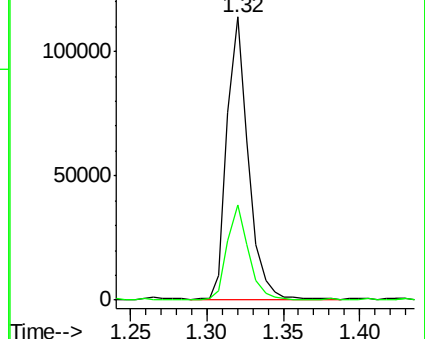
50 100

52 33.5 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: 18.297 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014221.D

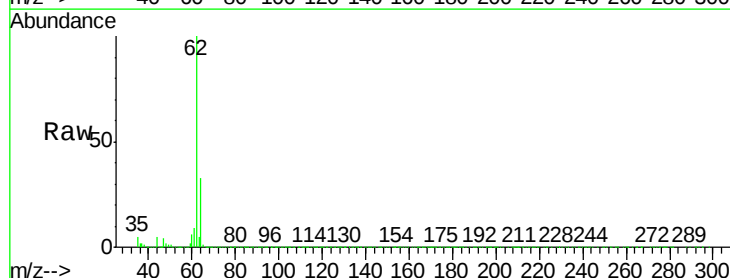
Acq: 23 Dec 2019 23:45

Tgt Ion: 62 Resp: 118052

Ion Ratio Lower Upper

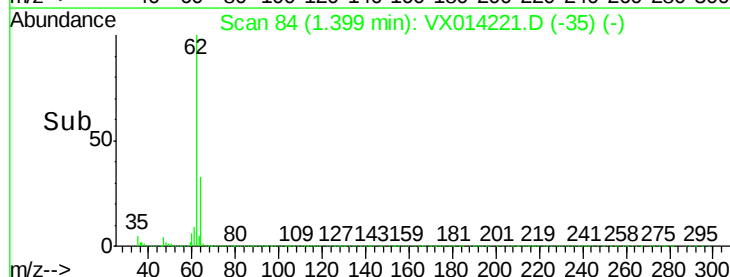
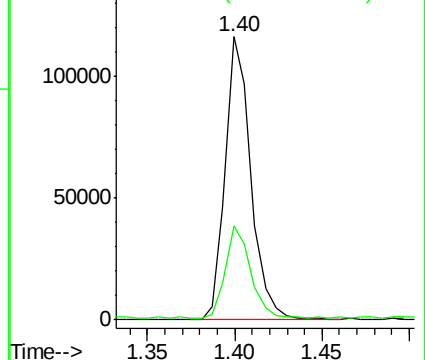
62 100

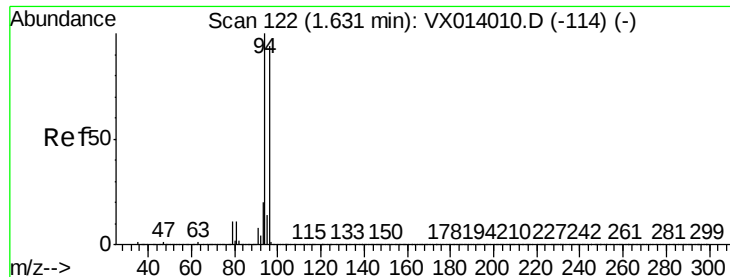
64 32.7 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 16.095 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

ClientSampleId :

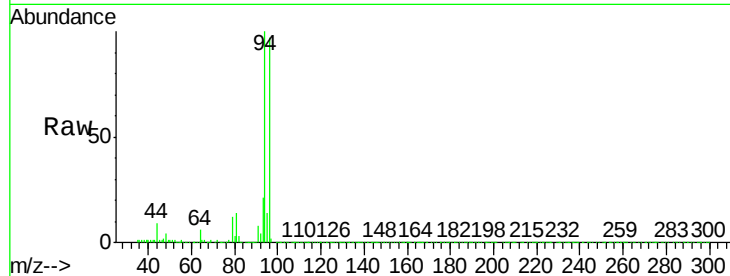
VX1223MBSD02

Tgt Ion: 94 Resp: 73705

Ion Ratio Lower Upper

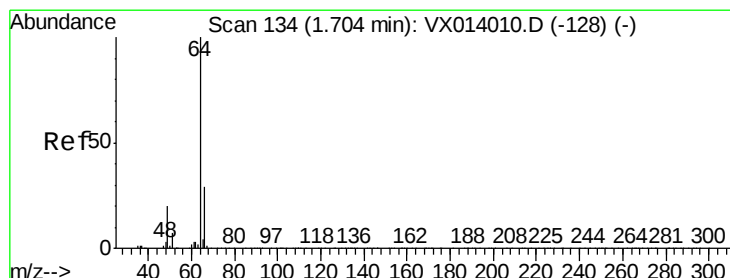
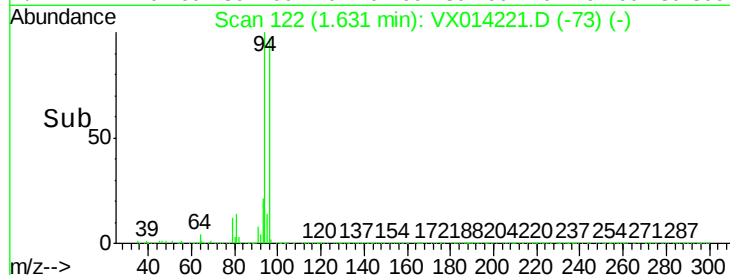
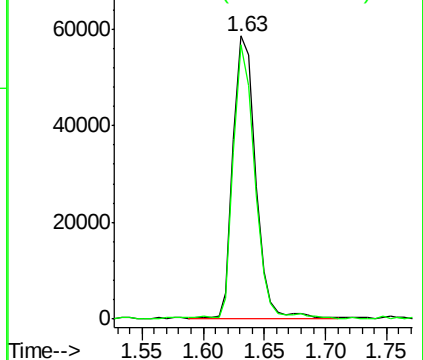
94 100

96 96.9 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.667 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014221.D

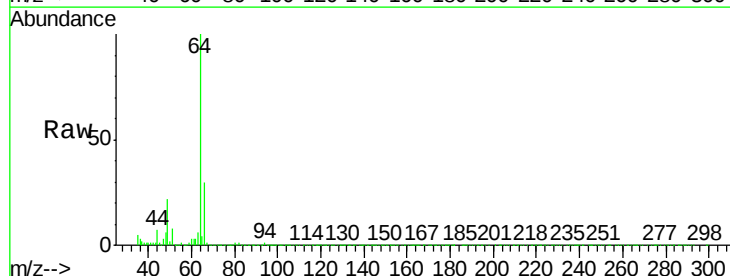
Acq: 23 Dec 2019 23:45

Tgt Ion: 64 Resp: 78313

Ion Ratio Lower Upper

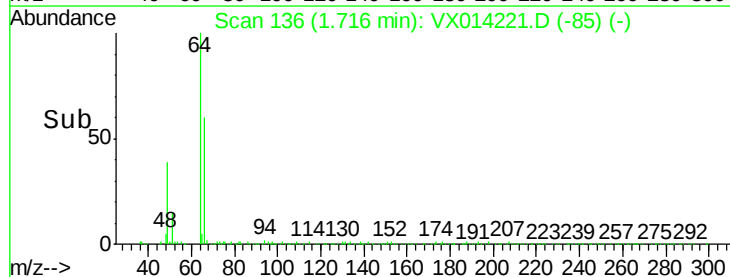
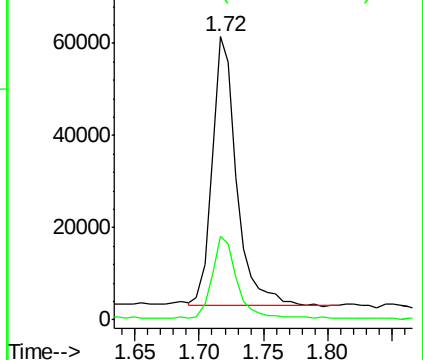
64 100

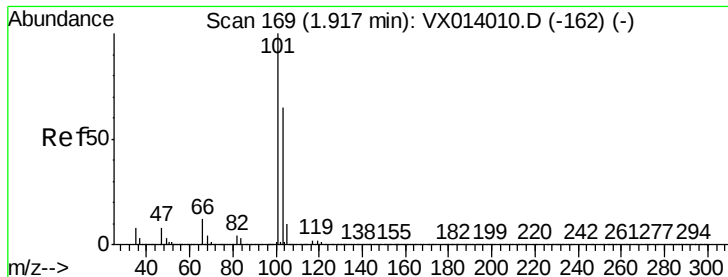
66 30.5 23.4 35.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



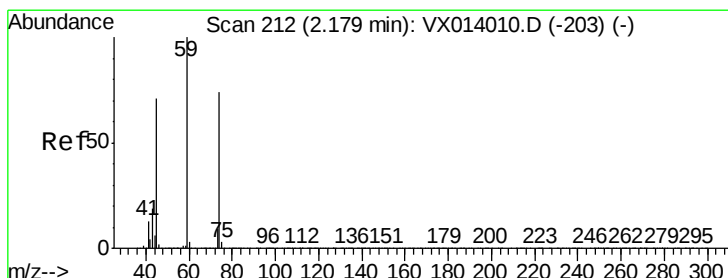
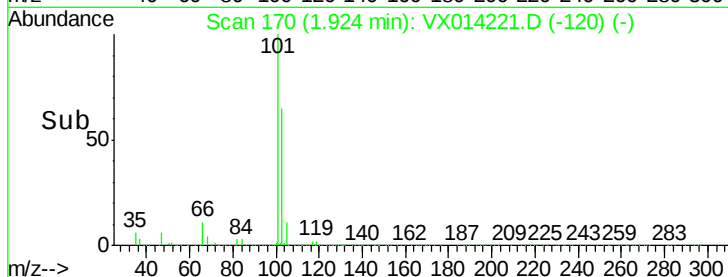
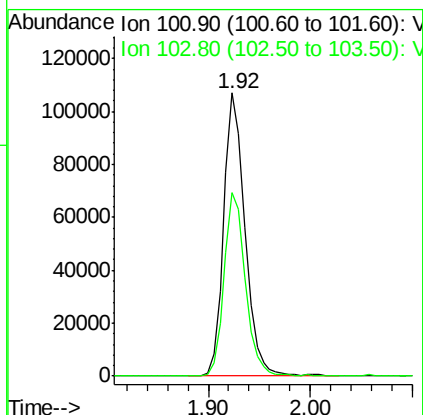
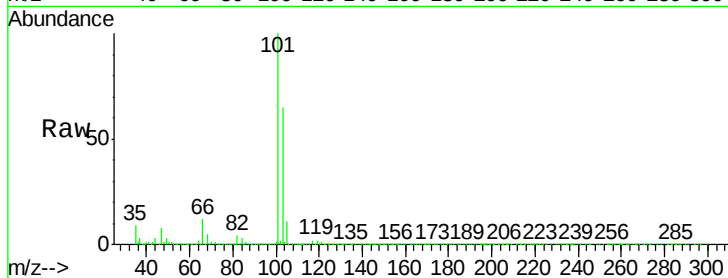


#7

Trichlorofluoromethane
Concen: 19.391 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Instrument :
MSVOA_X
ClientSampleId :
VX1223MBS02

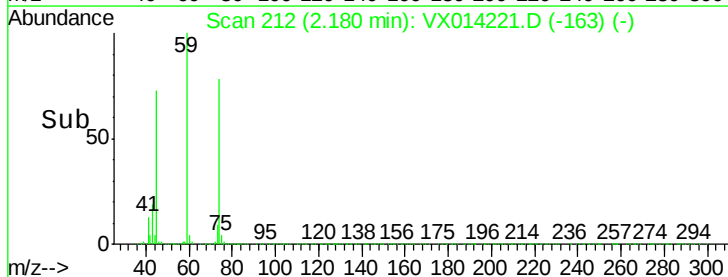
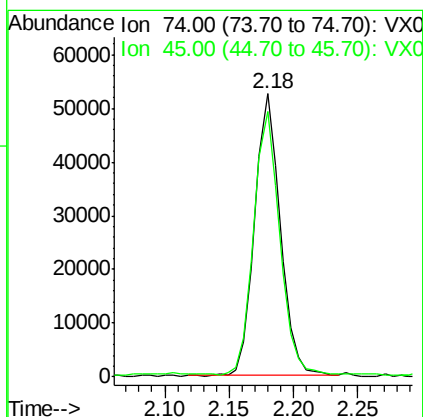
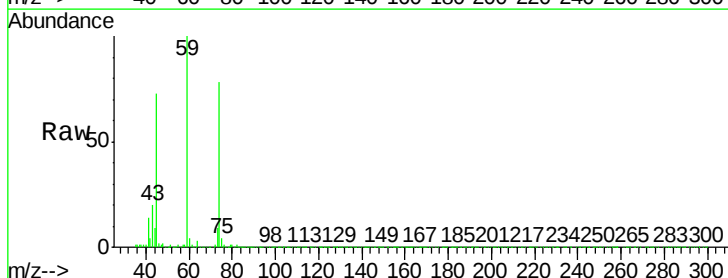
Tgt Ion:101 Resp: 154874
Ion Ratio Lower Upper
101 100
103 64.8 52.2 78.4



#8

Diethyl Ether
Concen: 19.181 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Tgt Ion: 74 Resp: 71897
Ion Ratio Lower Upper
74 100
45 94.7 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.728 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1223MBS02

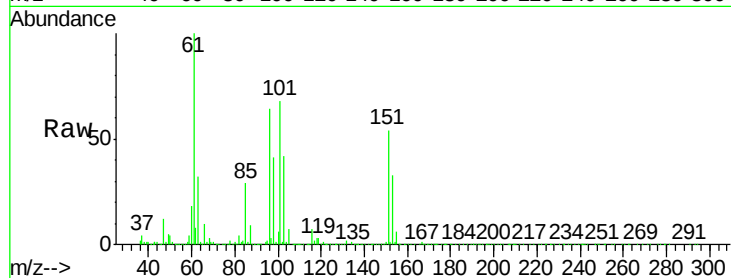
Tgt Ion:101 Resp: 90166

Ion Ratio Lower Upper

101 100

85 42.6 33.7 50.5

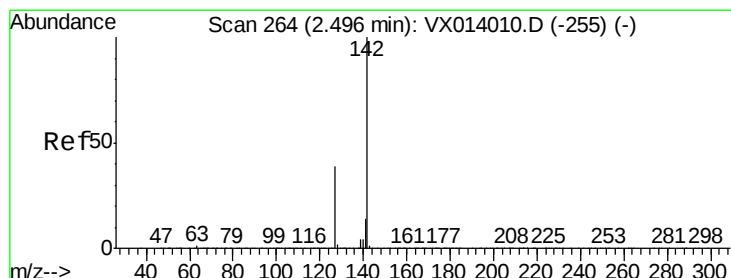
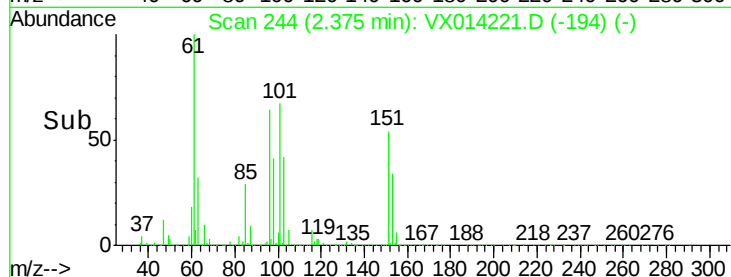
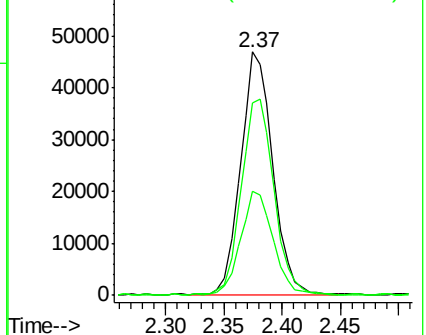
151 83.0 64.5 96.7



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: 16.901 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

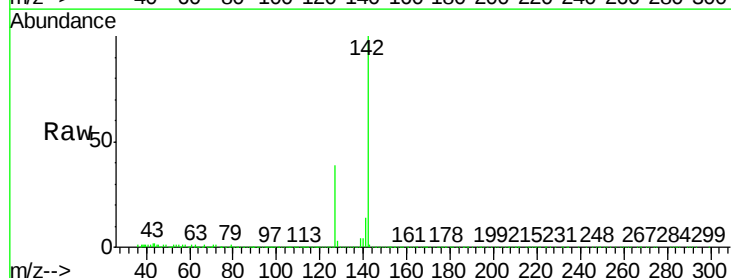
Tgt Ion:142 Resp: 95682

Ion Ratio Lower Upper

142 100

127 37.9 31.6 47.4

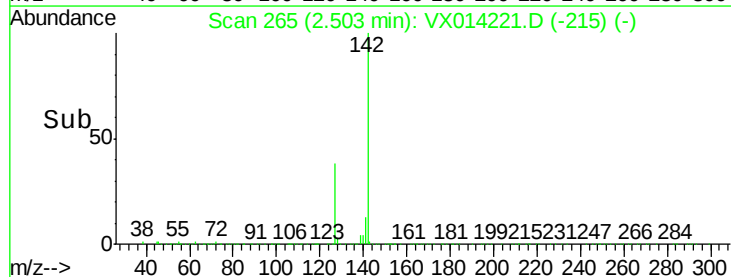
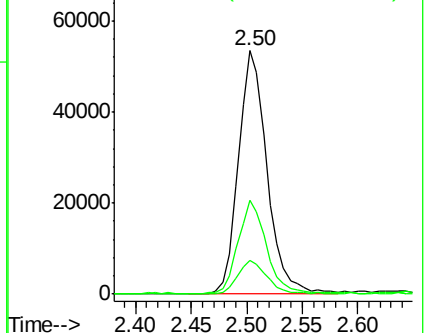
141 13.9 11.6 17.4

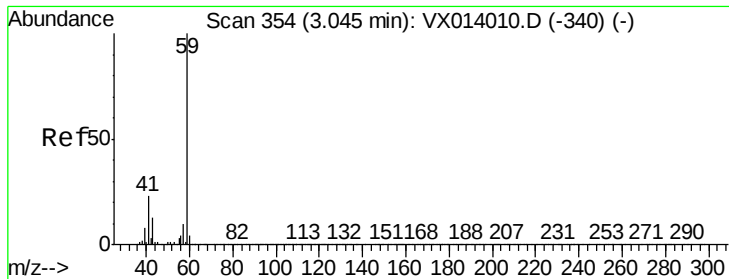


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



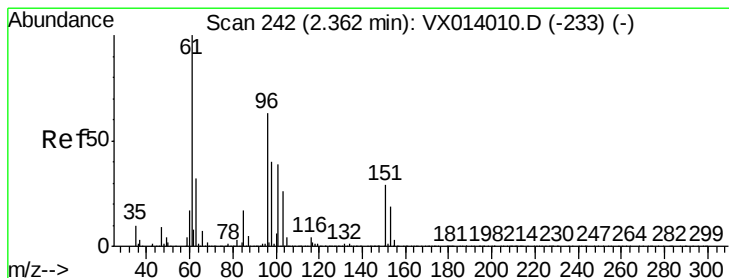
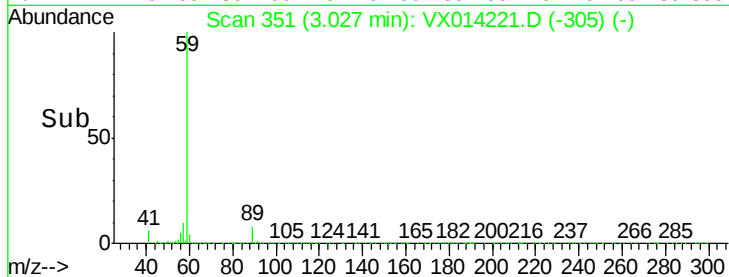
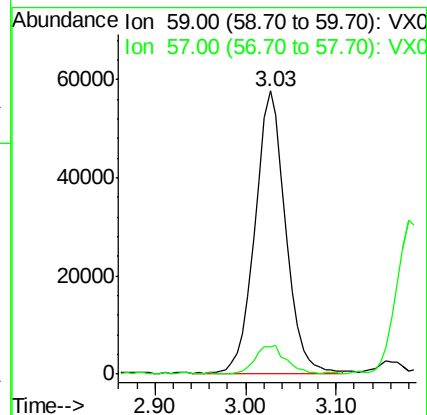
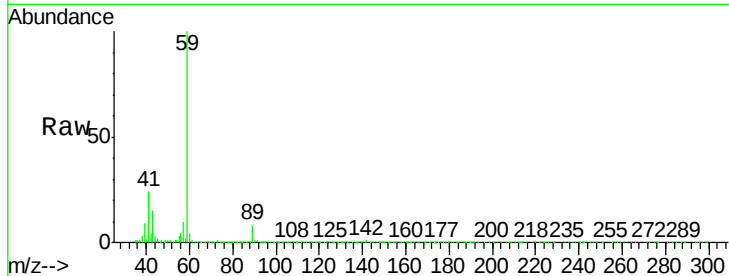


#11

Tert butyl alcohol
 Concen: 109.036 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.02 min
 Lab File: VX014221.D
 Acq: 23 Dec 2019 23:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223MBSD02

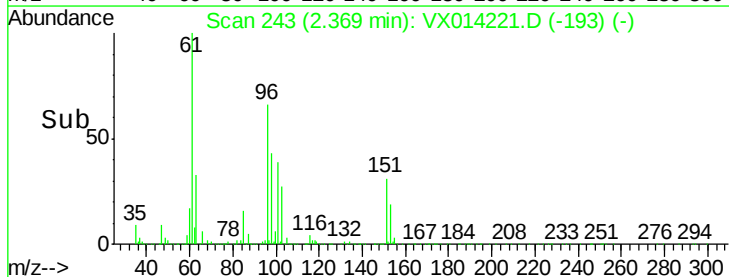
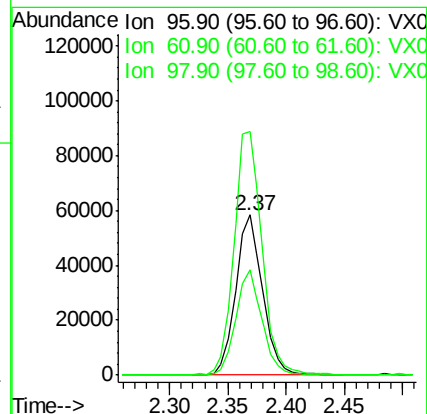
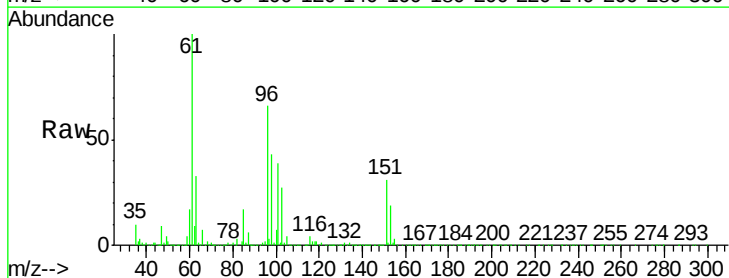
Tgt Ion: 59 Resp: 135990
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.4 12.6



#12

1,1-Dichloroethene
 Concen: 18.922 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.01 min
 Lab File: VX014221.D
 Acq: 23 Dec 2019 23:45

Tgt Ion: 96 Resp: 92701
 Ion Ratio Lower Upper
 96 100
 61 152.5 127.9 191.9
 98 65.9 50.5 75.7





#13

Acrolein

Concen: 89.048 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

ClientSampleId :

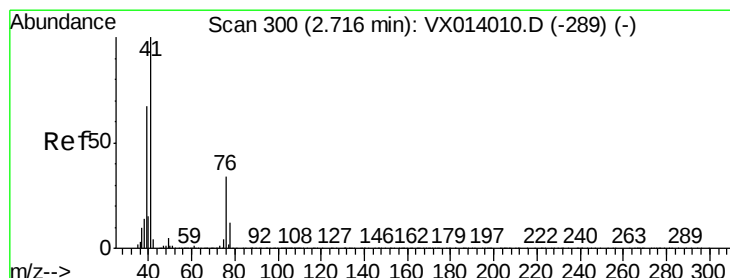
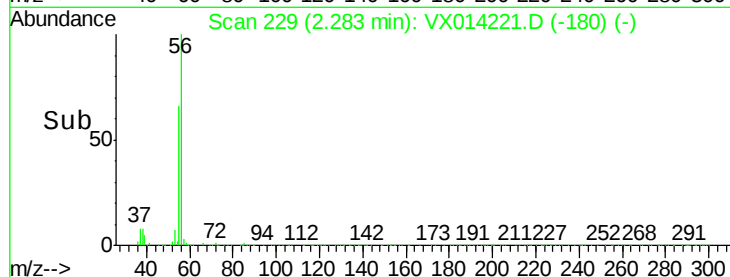
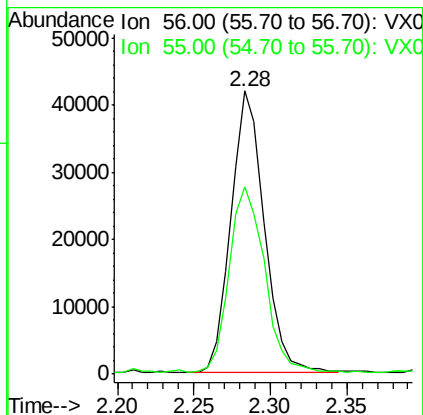
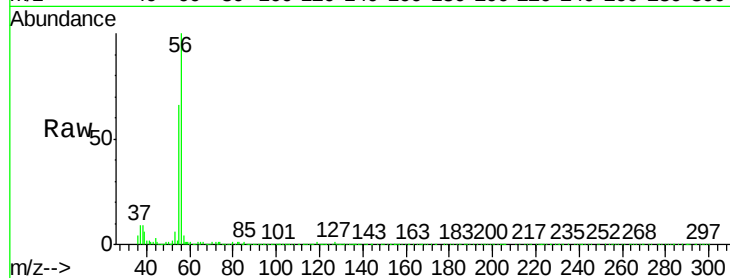
VX1223MBS02

Tgt Ion: 56 Resp: 63575

Ion Ratio Lower Upper

56 100

55 70.0 56.9 85.3



#14

Allyl chloride

Concen: 19.416 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

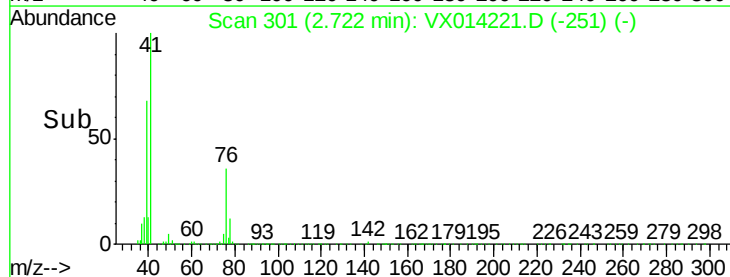
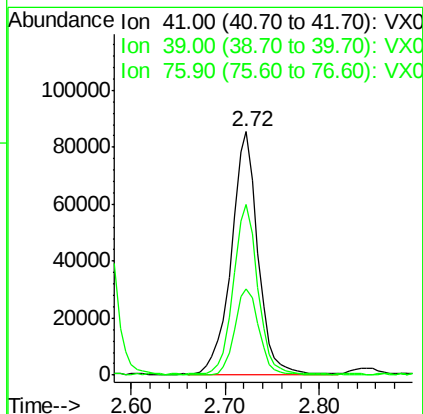
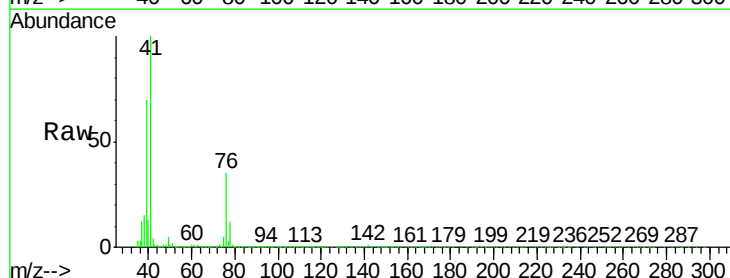
Tgt Ion: 41 Resp: 169834

Ion Ratio Lower Upper

41 100

39 63.5 51.8 77.8

76 31.5 25.9 38.9





#15

Acrylonitrile

Concen: 102.066 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1223MBS02

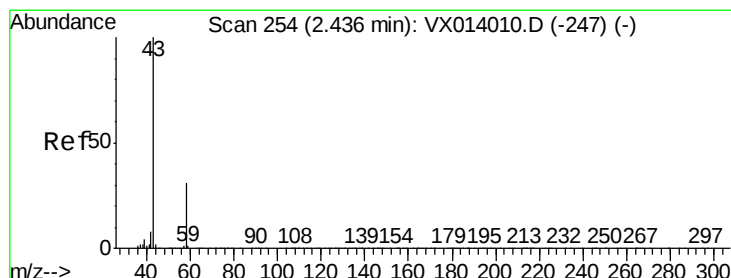
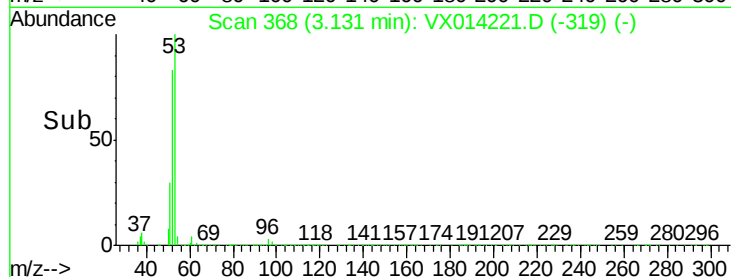
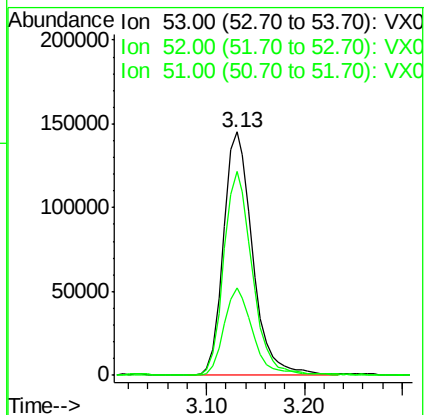
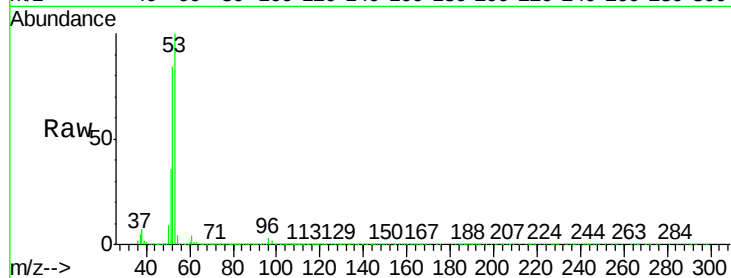
Tgt Ion: 53 Resp: 297122

Ion Ratio Lower Upper

53 100

52 82.5 66.5 99.7

51 36.1 28.1 42.1



#16

Acetone

Concen: 90.336 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014221.D

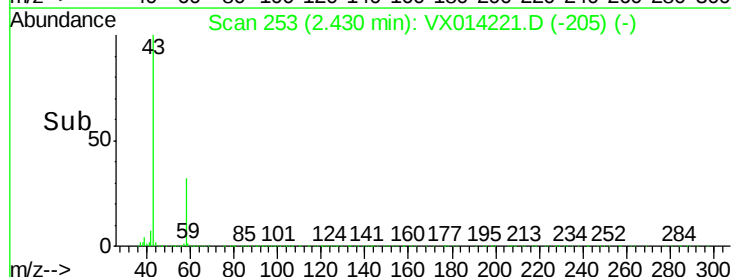
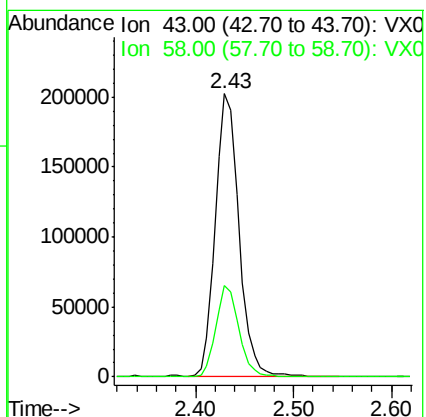
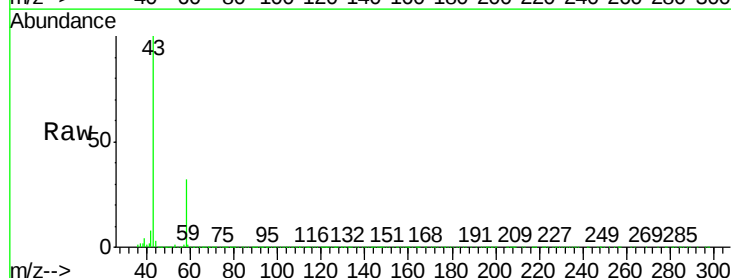
Acq: 23 Dec 2019 23:45

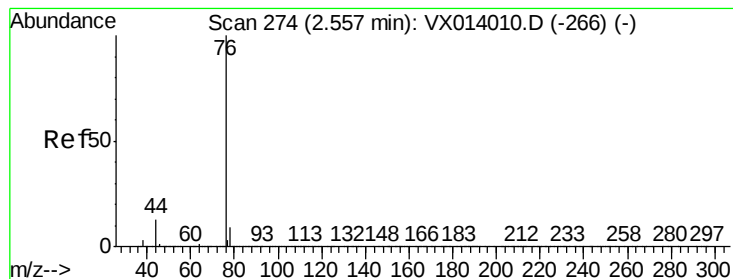
Tgt Ion: 43 Resp: 338517

Ion Ratio Lower Upper

43 100

58 32.1 24.9 37.3





#17

Carbon Disulfide

Concen: 17.798 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

ClientSampleId :

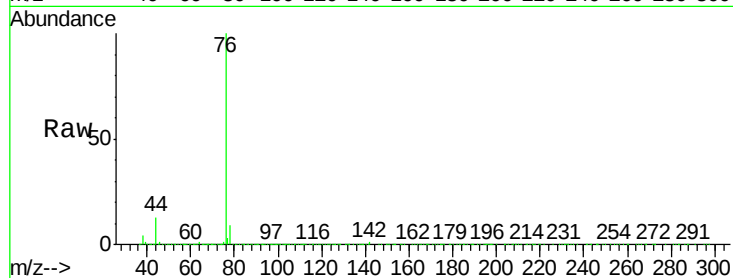
VX1223MBS02

Tgt Ion: 76 Resp: 235394

Ion Ratio Lower Upper

76 100

78 8.9 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

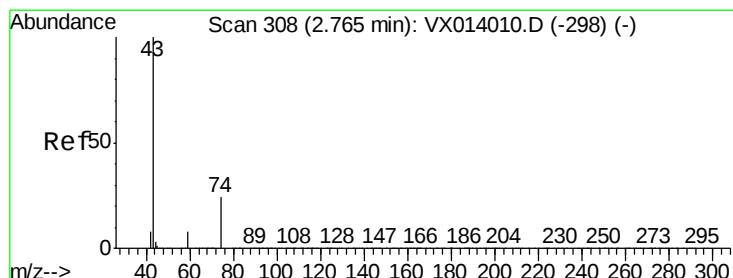
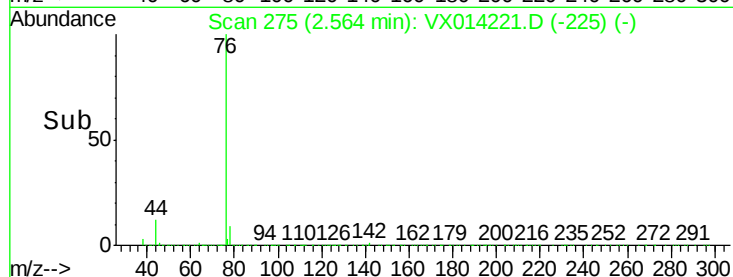
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 21.320 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014221.D

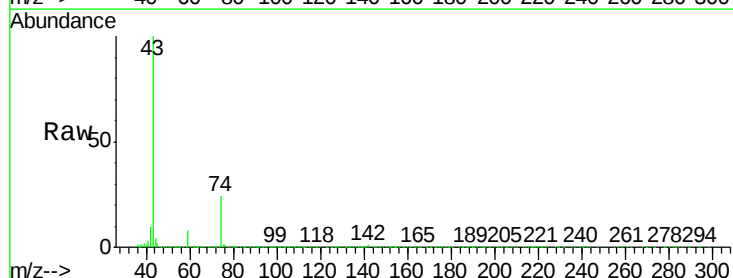
Acq: 23 Dec 2019 23:45

Tgt Ion: 43 Resp: 158307

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

100000

80000

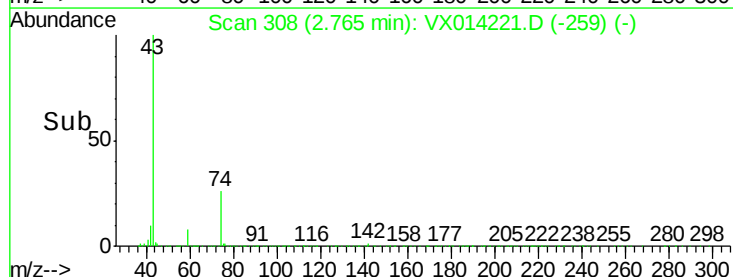
60000

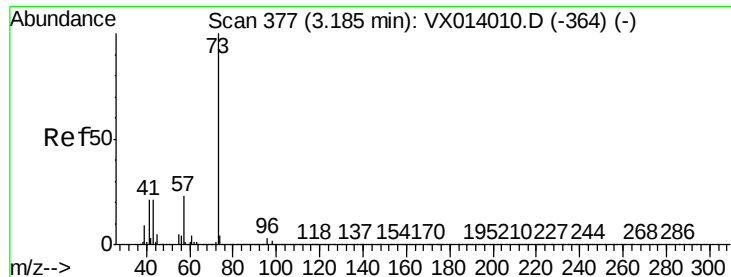
40000

20000

0

Time-->



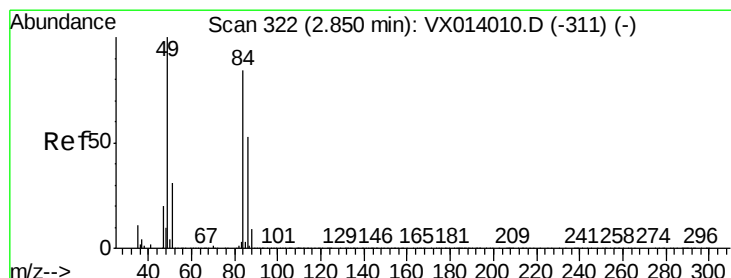
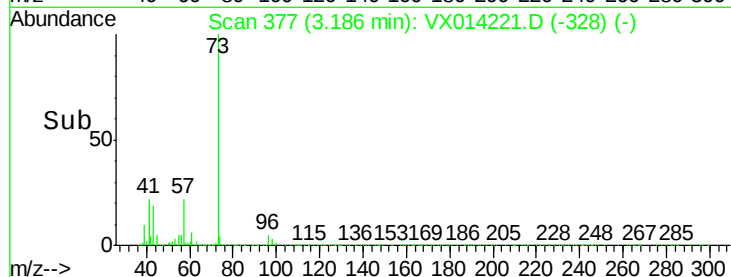
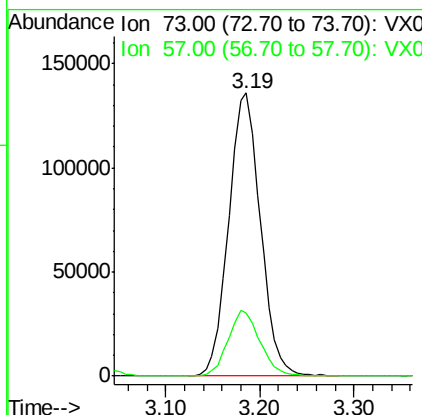
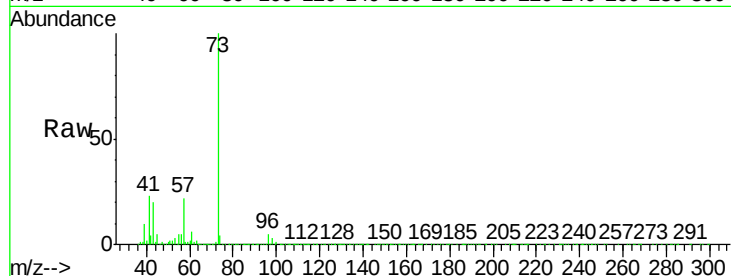


#19

Methyl tert-butyl Ether
Concen: 19.718 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Instrument :
MSVOA_X
ClientSampleId :
VX1223MBS02

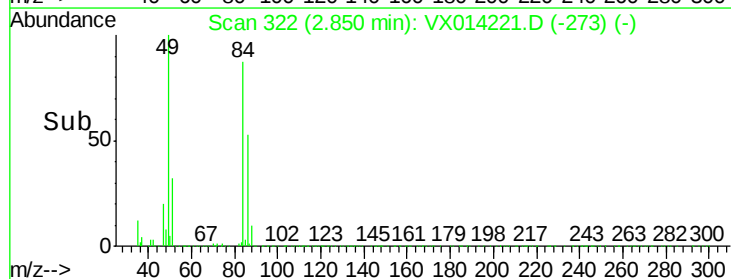
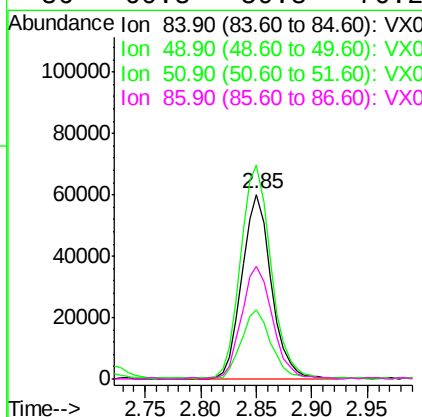
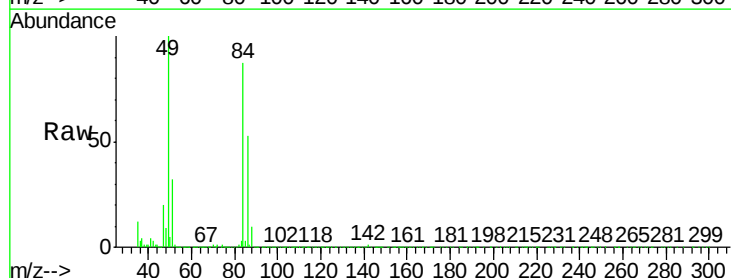
Tgt Ion: 73 Resp: 317431
Ion Ratio Lower Upper
73 100
57 22.0 18.8 28.2



#20

Methylene Chloride
Concen: 18.648 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Tgt Ion: 84 Resp: 110039
Ion Ratio Lower Upper
84 100
49 115.4 95.8 143.6
51 36.9 29.8 44.8
86 60.8 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 18.616 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1223MBS02

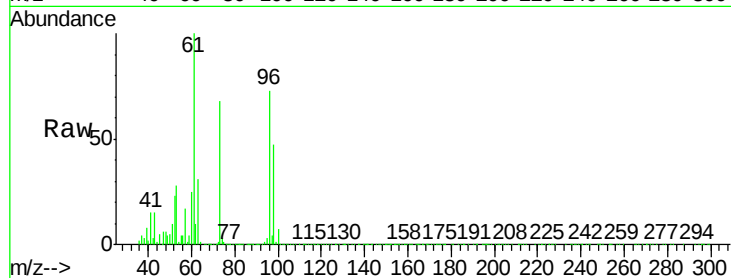
Tgt Ion: 96 Resp: 100473

Ion Ratio Lower Upper

96 100

61 136.7 108.3 162.5

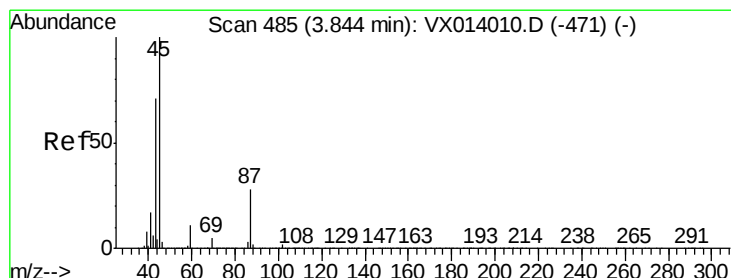
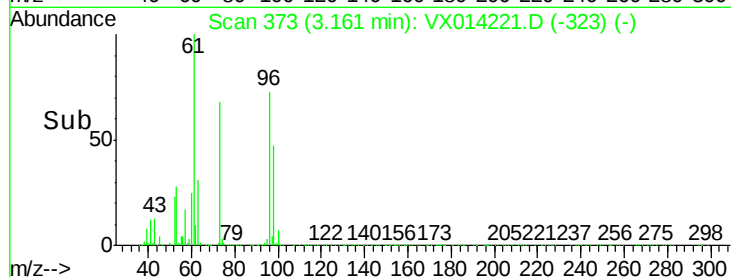
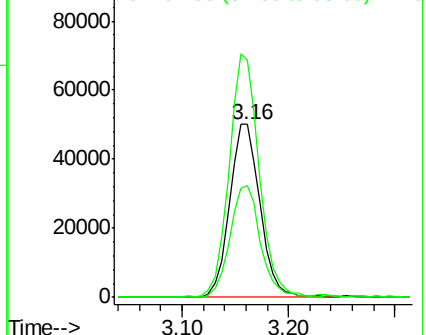
98 64.4 50.8 76.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.893 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Tgt Ion: 45 Resp: 346748

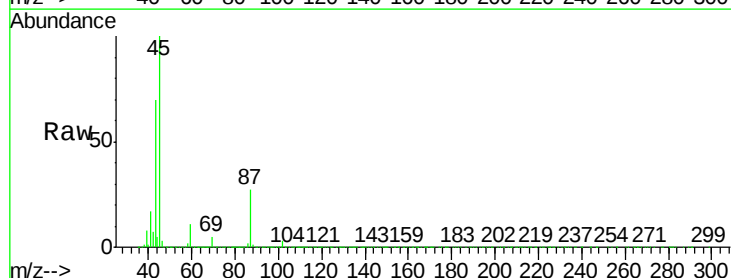
Ion Ratio Lower Upper

45 100

43 69.5 57.4 86.0

87 27.2 21.9 32.9

59 11.1 9.0 13.6

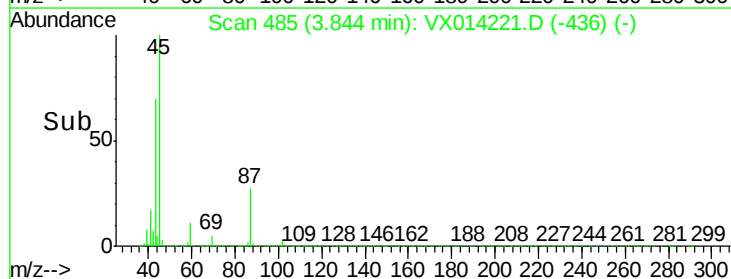
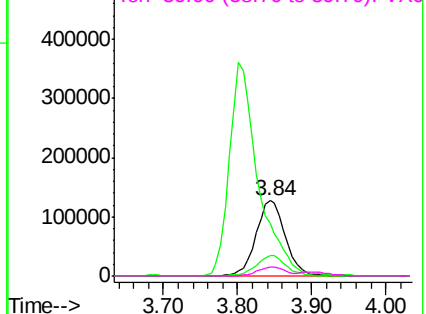


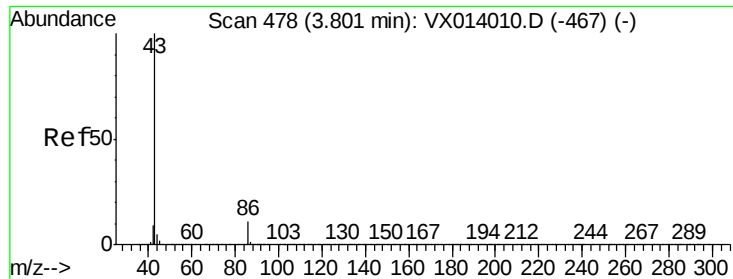
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 69.153 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

ClientSampleId :

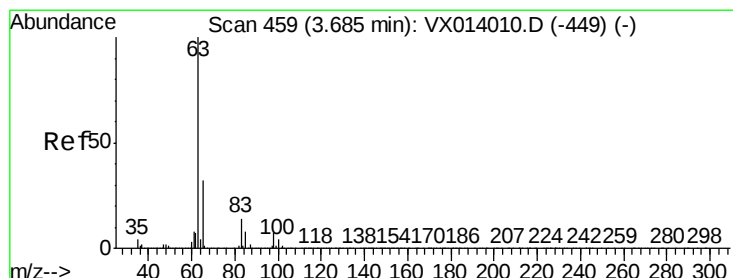
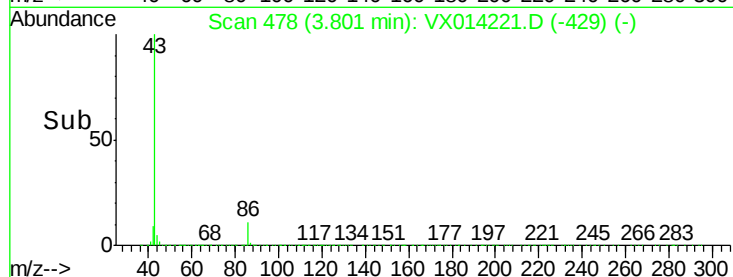
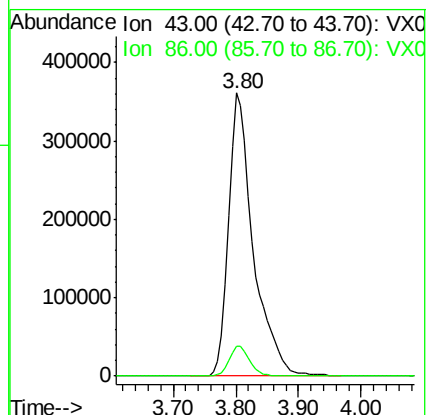
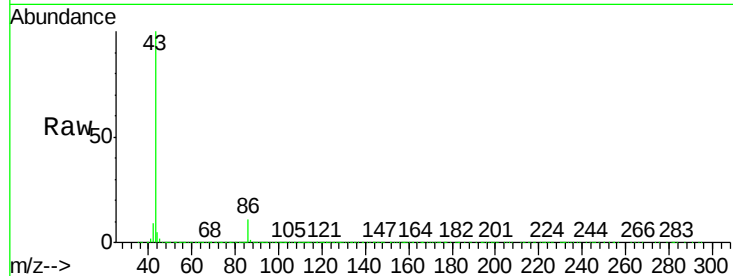
VX1223MBSD02

Tgt Ion: 43 Resp: 983667

Ion Ratio Lower Upper

43 100

86 10.7 8.6 12.8



#24

1,1-Dichloroethane

Concen: 19.193 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

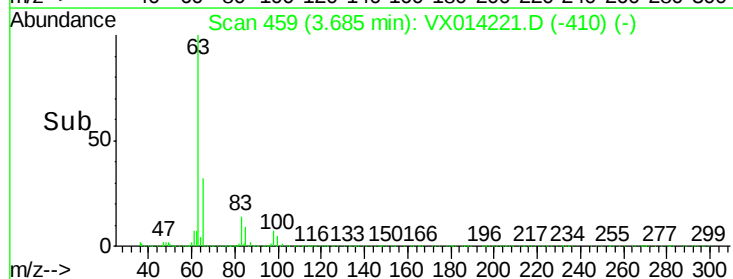
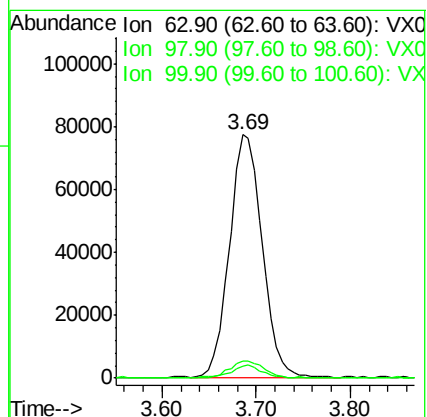
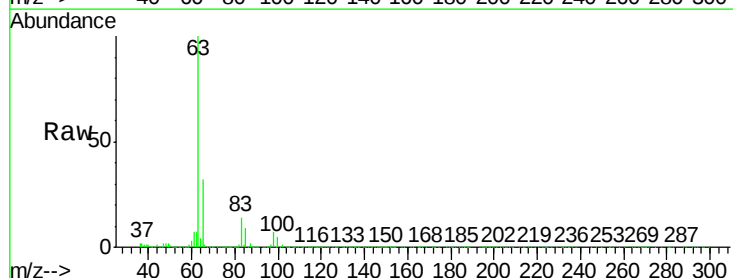
Tgt Ion: 63 Resp: 186127

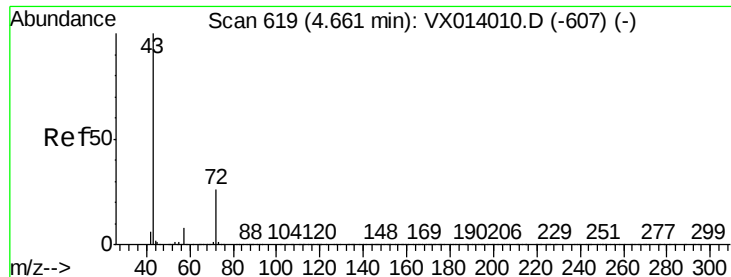
Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

100 4.8 2.3 6.8





#25

2-Butanone

Concen: 96.952 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

ClientSampleId :

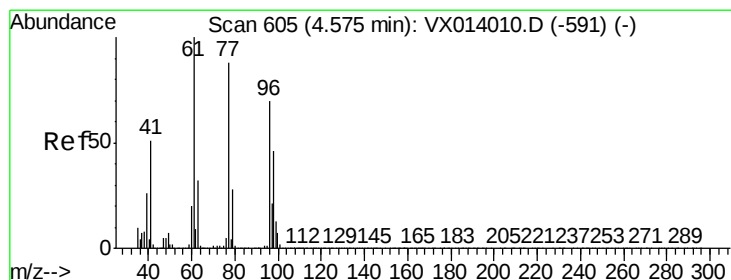
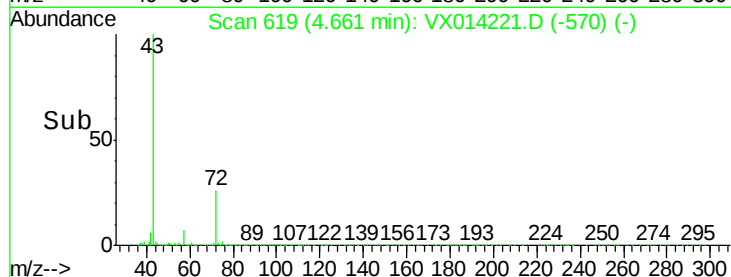
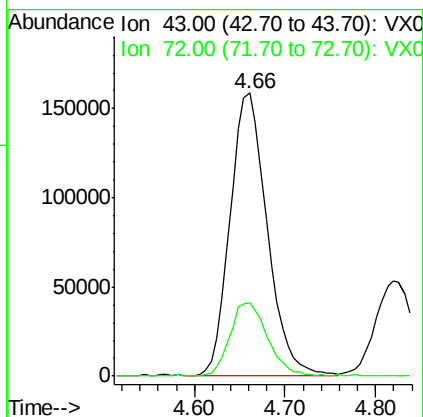
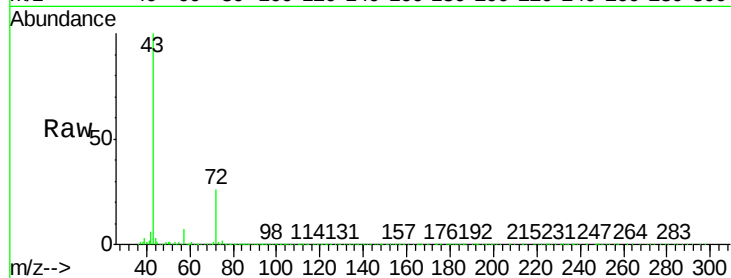
VX1223MBS02

Tgt Ion: 43 Resp: 447915

Ion Ratio Lower Upper

43 100

72 25.8 21.0 31.4



#26

2,2-Dichloropropane

Concen: 16.622 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014221.D

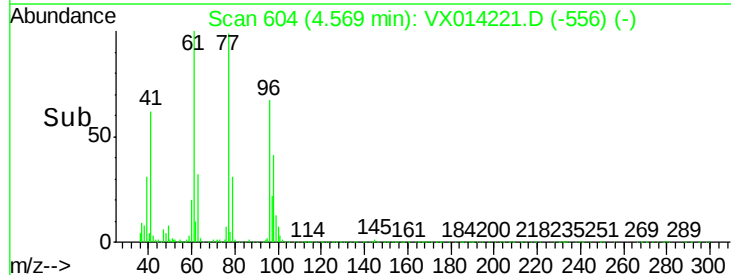
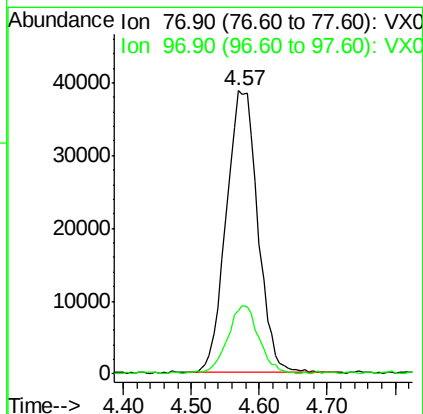
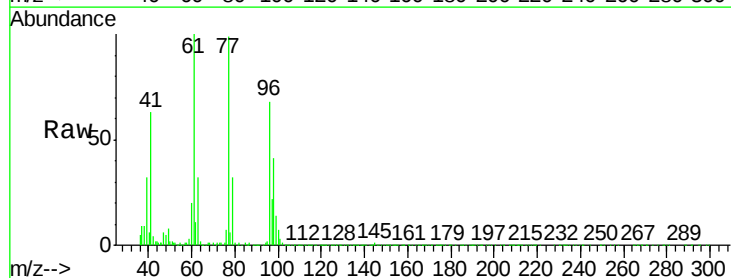
Acq: 23 Dec 2019 23:45

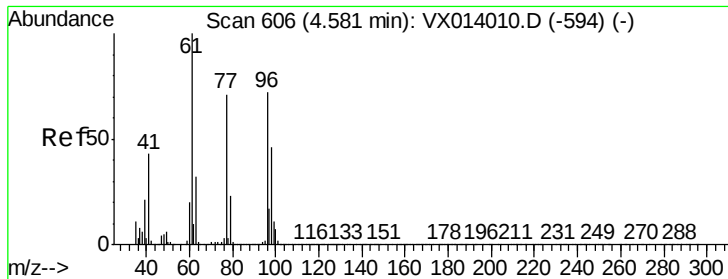
Tgt Ion: 77 Resp: 125151

Ion Ratio Lower Upper

77 100

97 24.0 11.9 35.9



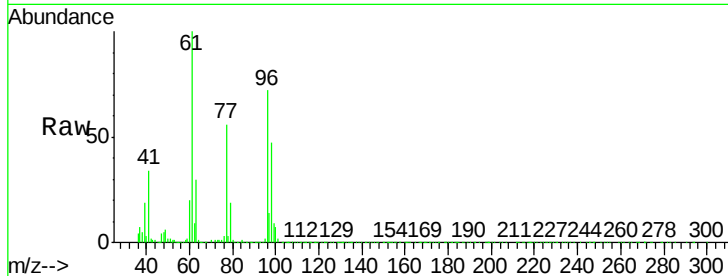


#27

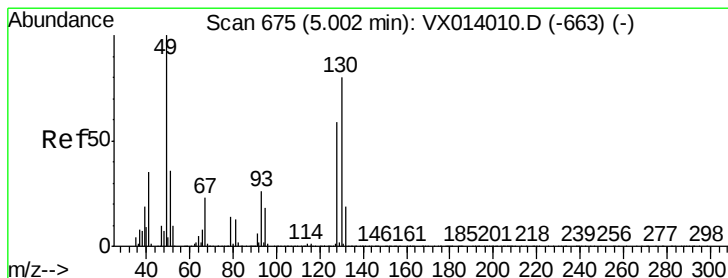
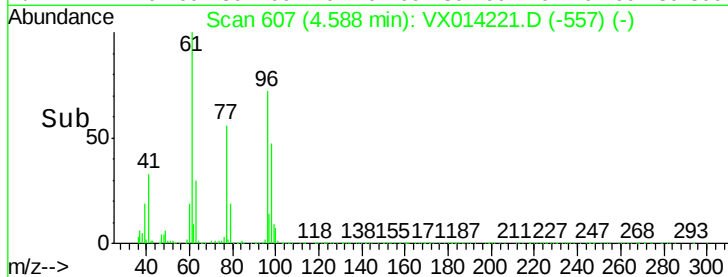
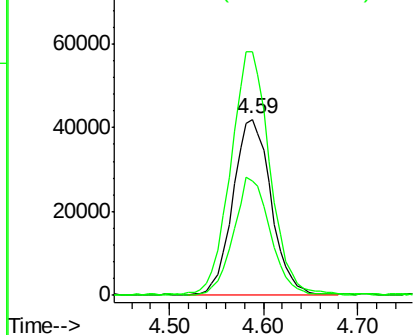
cis-1,2-Dichloroethene
Concen: 19.475 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Instrument :
MSVOA_X
ClientSampleId :
VX1223MBS02

Tgt Ion: 96 Resp: 118874
Ion Ratio Lower Upper
96 100
61 142.7 0.0 288.4
98 63.5 0.0 129.6



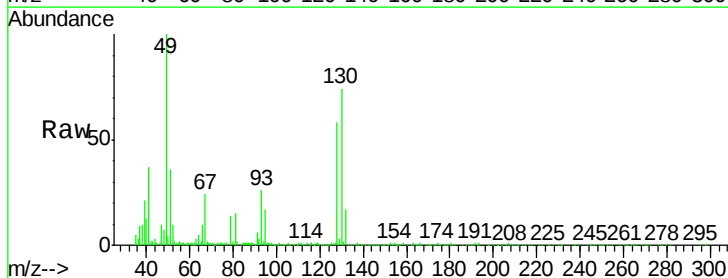
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



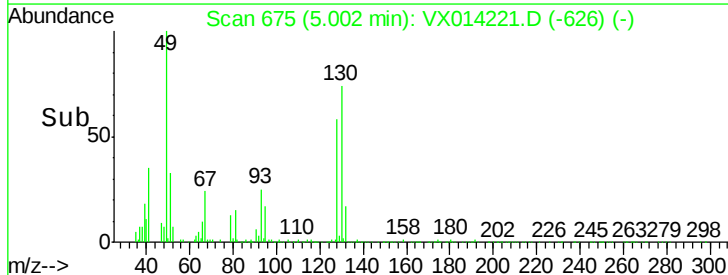
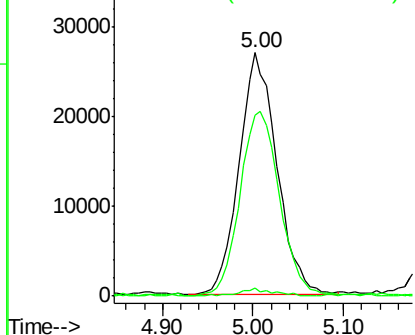
#28

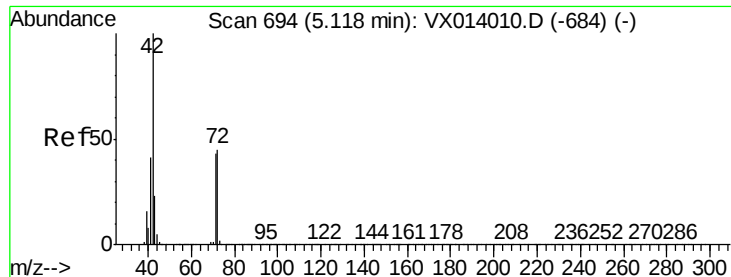
Bromochloromethane
Concen: 21.047 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Tgt Ion: 49 Resp: 77508
Ion Ratio Lower Upper
49 100
129 2.9 0.0 5.0
130 80.5 64.6 97.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 105.221 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1223MBS02

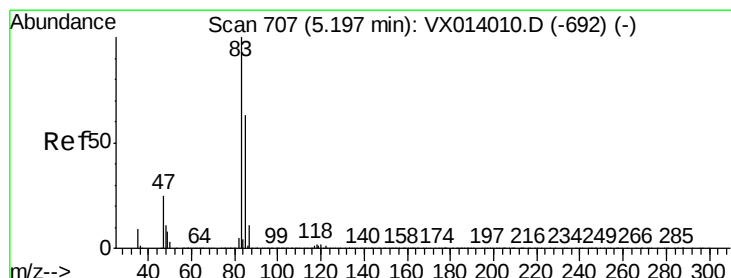
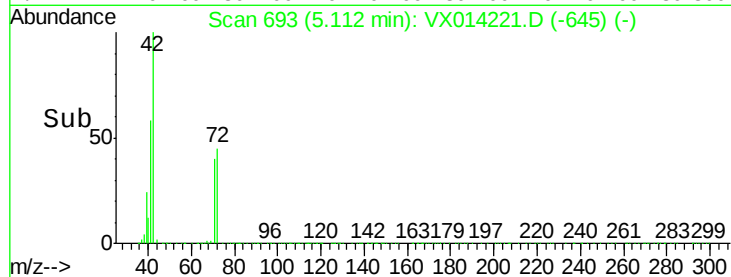
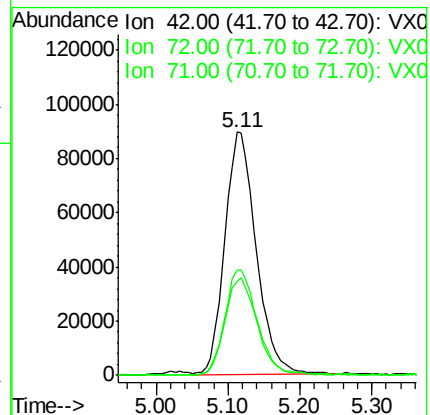
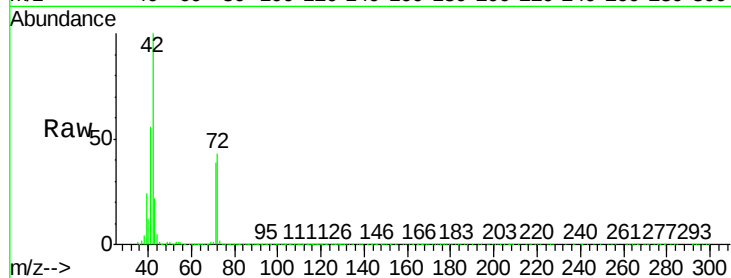
Tgt Ion: 42 Resp: 271900

Ion Ratio Lower Upper

42 100

72 44.3 35.8 53.8

71 41.0 33.6 50.4



#30

Chloroform

Concen: 19.831 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX014221.D

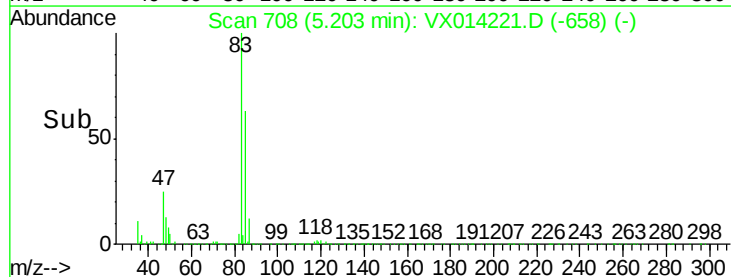
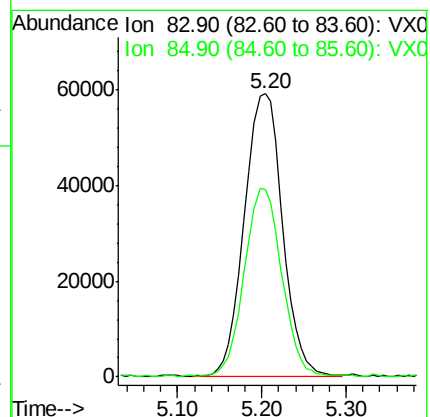
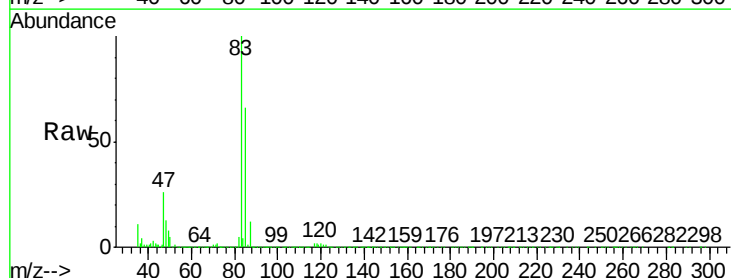
Acq: 23 Dec 2019 23:45

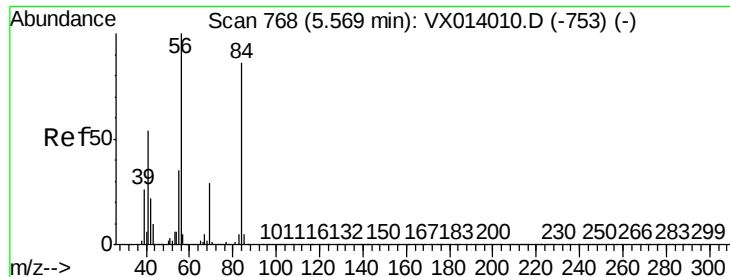
Tgt Ion: 83 Resp: 182312

Ion Ratio Lower Upper

83 100

85 65.8 50.8 76.2

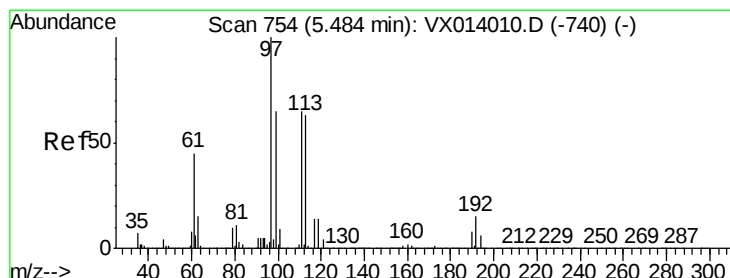
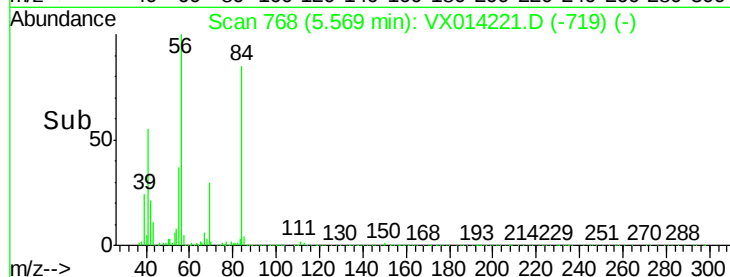
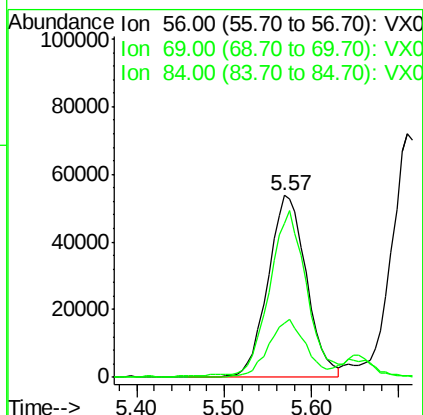
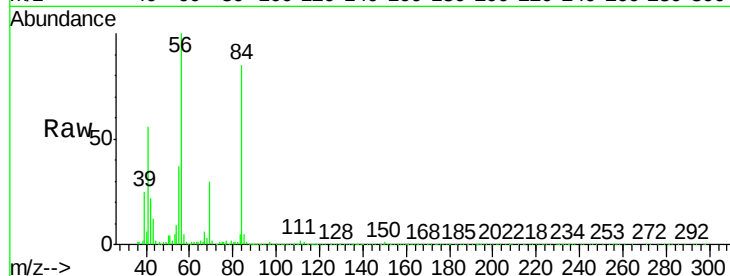




#31
Cyclohexane
Concen: 19.064 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

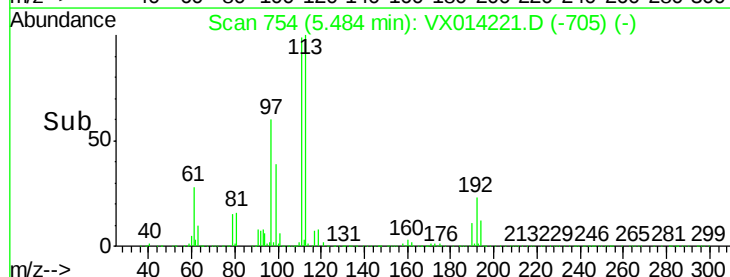
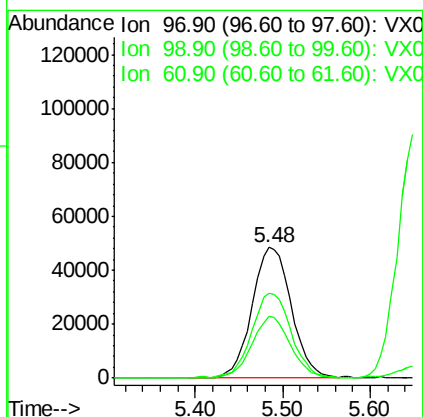
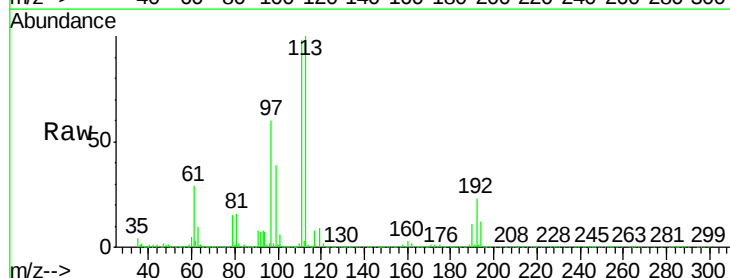
Instrument :
MSVOA_X
ClientSampleId :
VX1223MBS02

Tgt Ion: 56 Resp: 164426
Ion Ratio Lower Upper
56 100
69 29.7 23.2 34.8
84 84.3 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 19.376 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Tgt Ion: 97 Resp: 151811
Ion Ratio Lower Upper
97 100
99 65.0 52.0 78.0
61 45.3 36.7 55.1





#33

1,2-Dichloroethane-d4

Concen: 51.087 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

ClientSampleId :

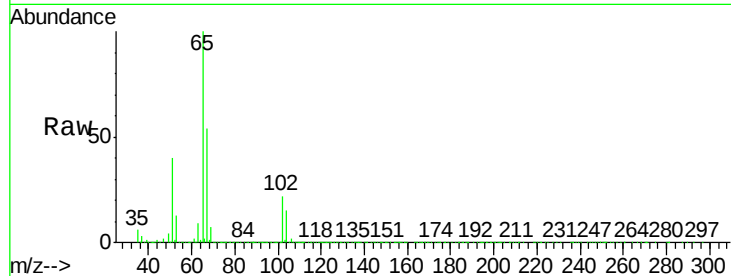
VX1223MBS02

Tgt Ion: 65 Resp: 294879

Ion Ratio Lower Upper

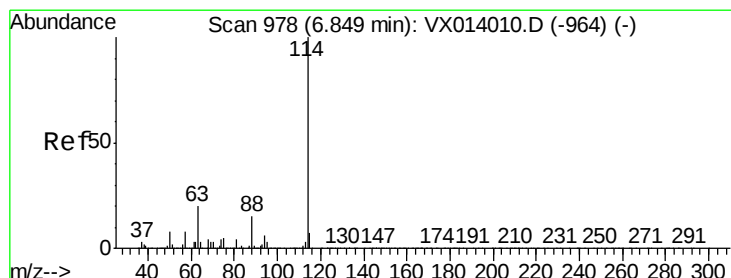
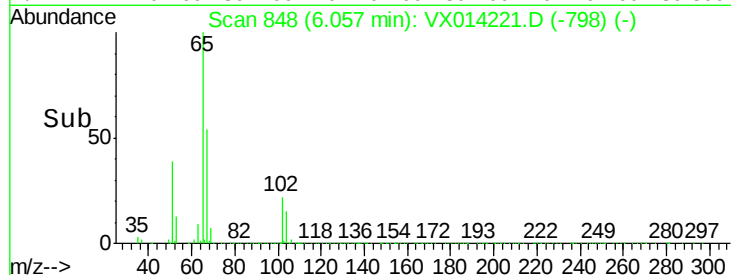
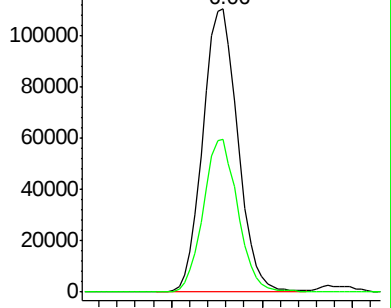
65 100

67 52.9 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

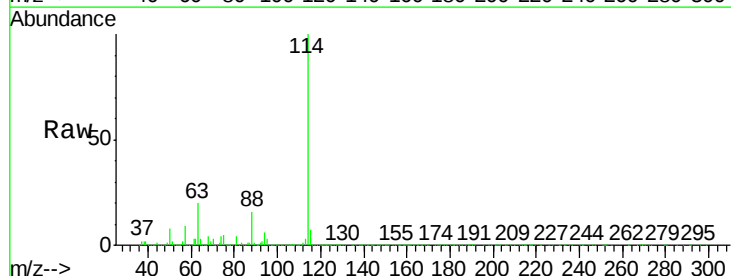
Tgt Ion: 114 Resp: 788895

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

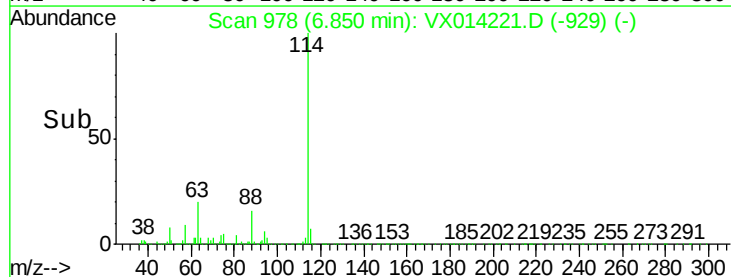
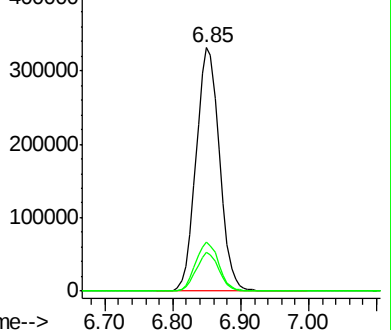
88 16.1 0.0 30.4

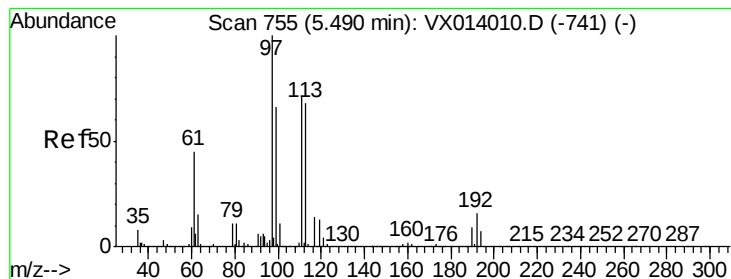


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.206 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1223MBS02

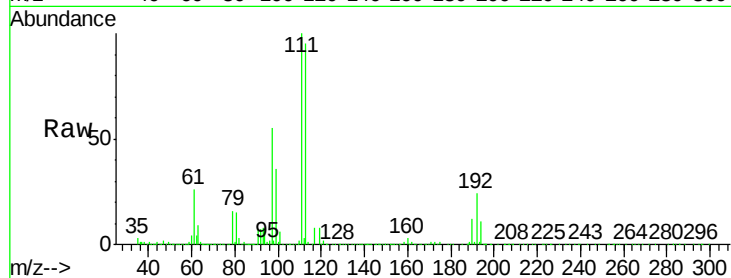
Tgt Ion: 113 Resp: 240768

Ion Ratio Lower Upper

113 100

111 102.0 82.0 123.0

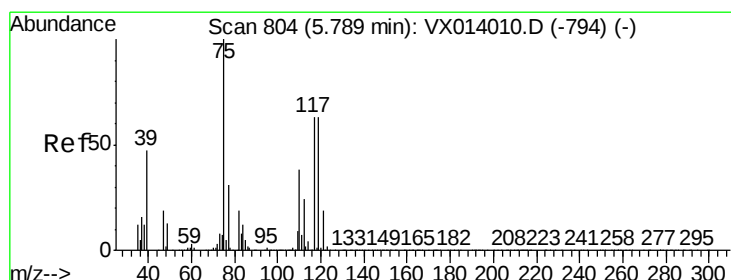
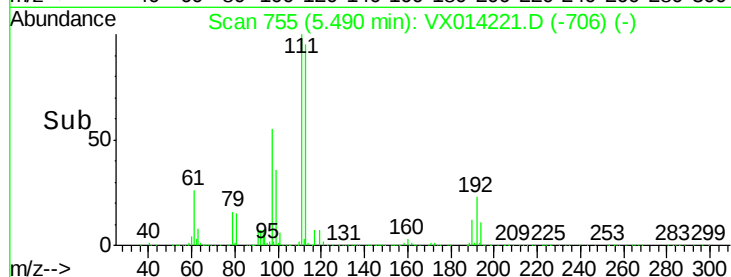
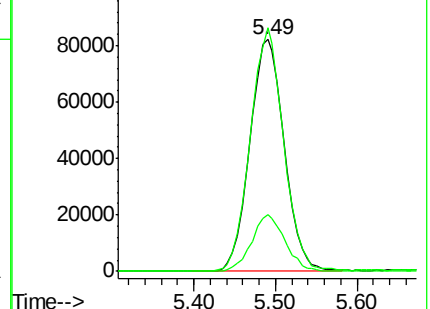
192 23.7 19.3 28.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.421 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

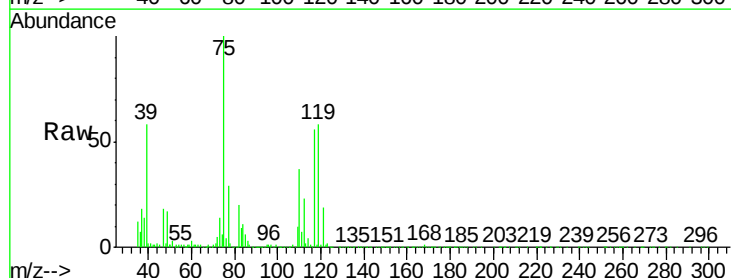
Tgt Ion: 75 Resp: 133338

Ion Ratio Lower Upper

75 100

110 38.2 18.3 54.9

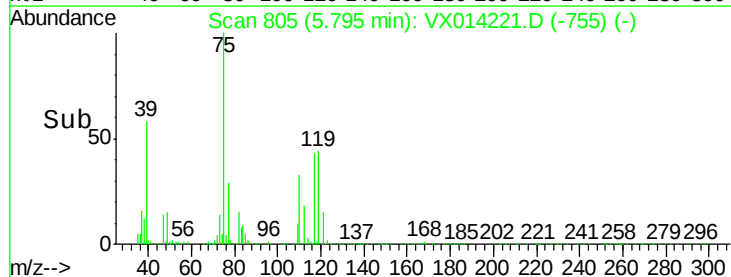
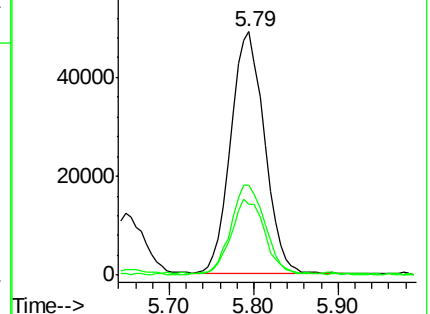
77 30.1 24.8 37.2

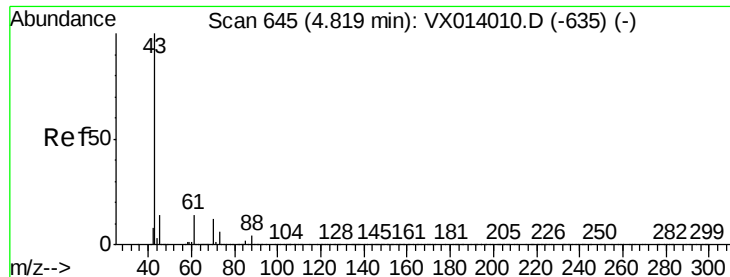


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

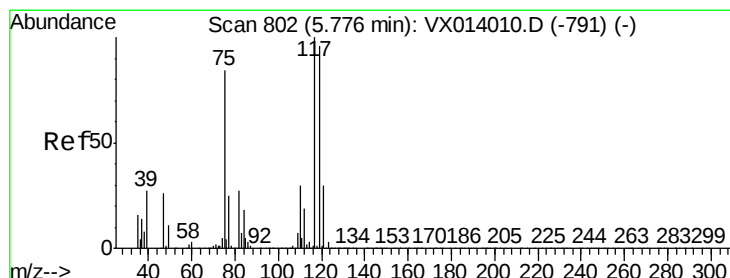
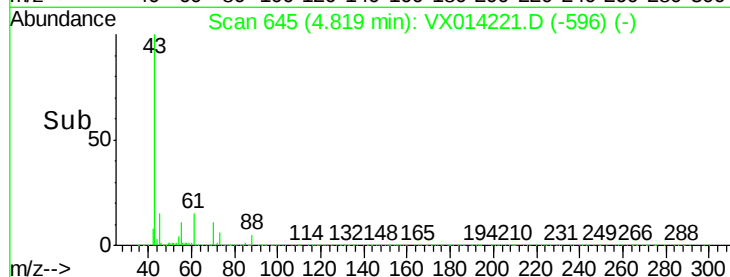
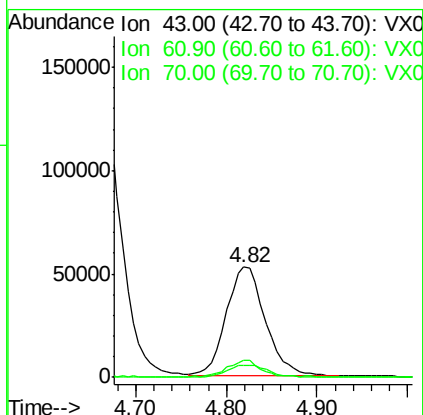
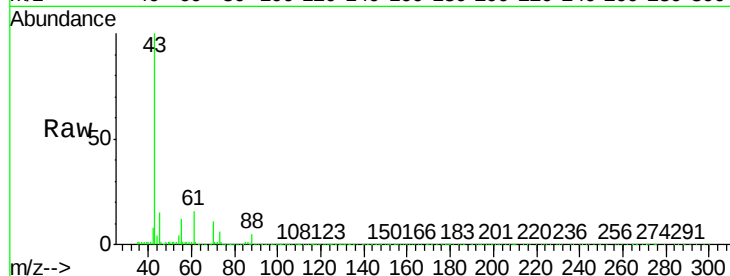




#37
Ethyl Acetate
Concen: 19.934 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

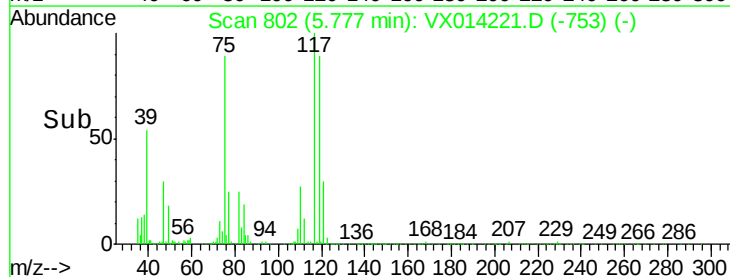
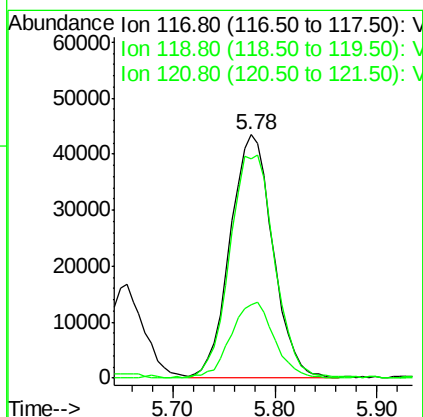
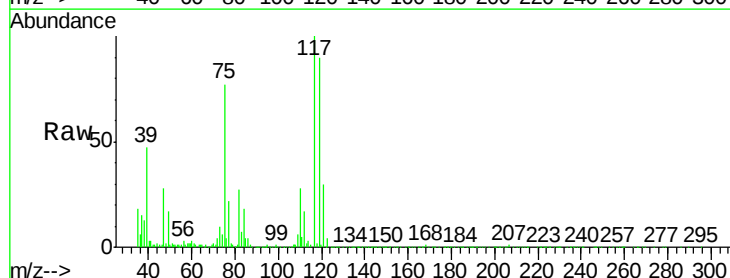
Instrument :
MSVOA_X
ClientSampleId :
VX1223MBSD02

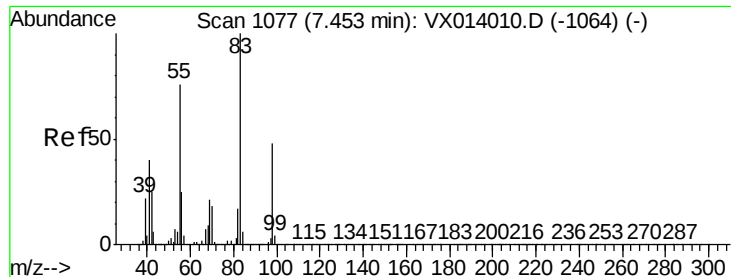
Tgt Ion:	43	Resp:	159340
Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.8	16.2
70	11.7	8.6	12.8



#38
Carbon Tetrachloride
Concen: 19.004 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Tgt Ion:	117	Resp:	125318
Ion	Ratio	Lower	Upper
117	100		
119	89.4	76.2	114.4
121	30.3	23.6	35.4

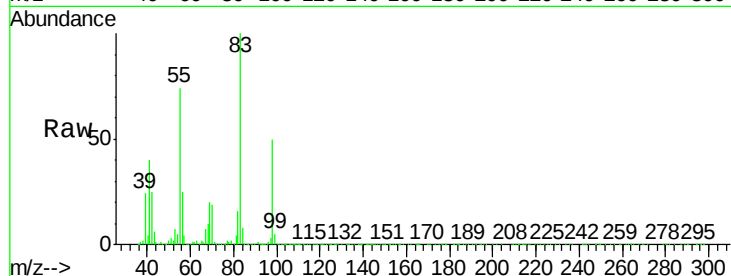




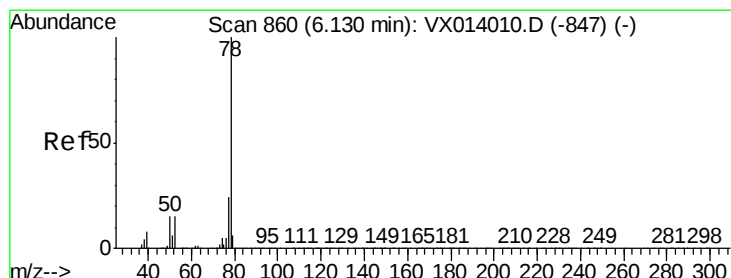
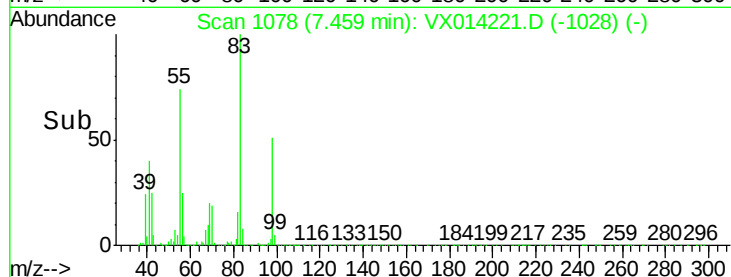
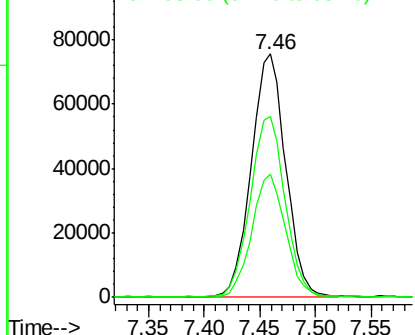
#39
Methylcyclohexane
Concen: 18.298 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Instrument :
MSVOA_X
ClientSampleId :
VX1223MBS02

Tgt Ion: 83 Resp: 163546
Ion Ratio Lower Upper
83 100
55 74.0 61.0 91.6
98 50.2 38.6 57.8

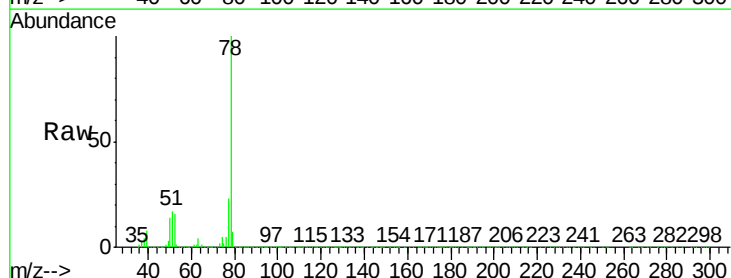


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

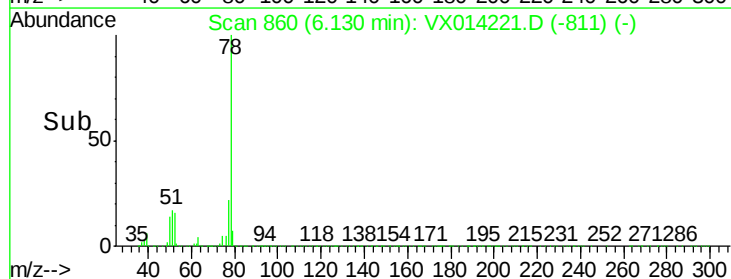
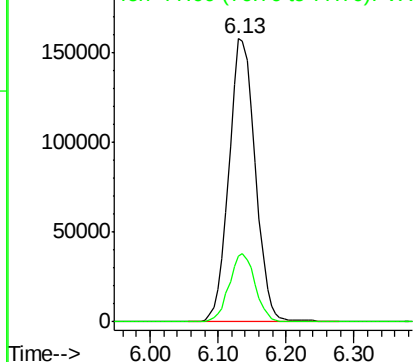


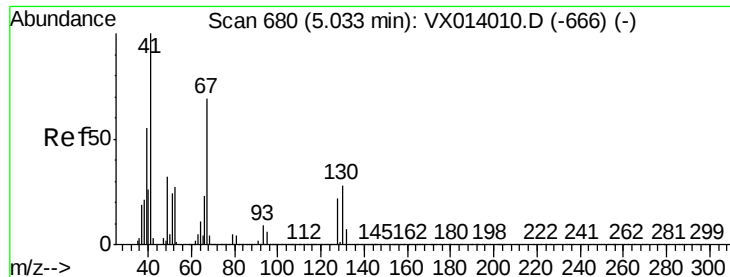
#40
Benzene
Concen: 19.100 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Tgt Ion: 78 Resp: 425398
Ion Ratio Lower Upper
78 100
77 22.9 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 19.673 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1223MBSD02

Tgt Ion: 41 Resp: 87251

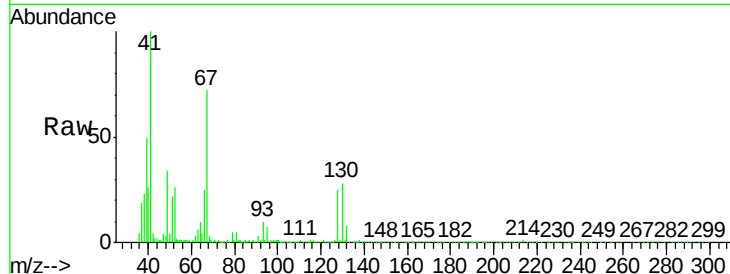
Ion Ratio Lower Upper

41 100

39 54.8 44.5 66.7

67 73.6 57.4 86.0

52 31.4 23.0 34.4

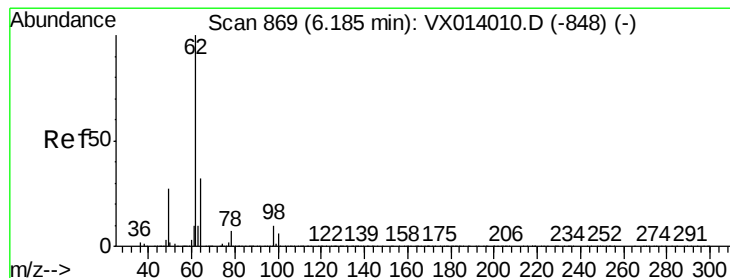
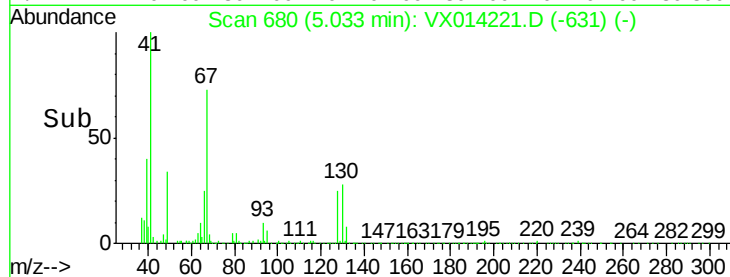
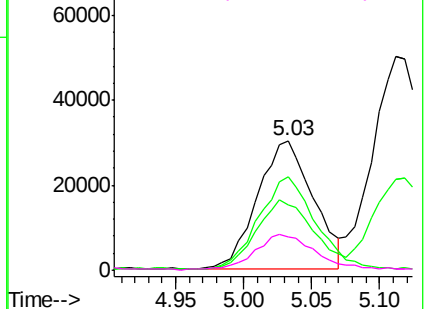


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 19.441 ug/l

RT: 6.18 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX014221.D

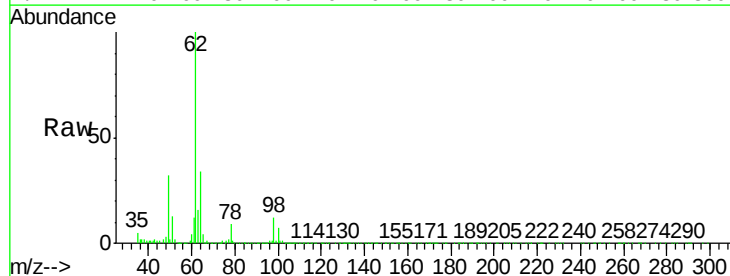
Acq: 23 Dec 2019 23:45

Tgt Ion: 62 Resp: 146775

Ion Ratio Lower Upper

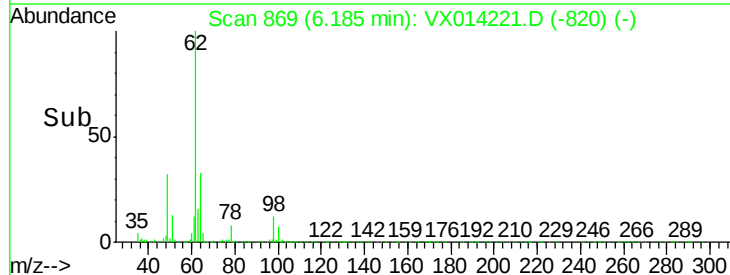
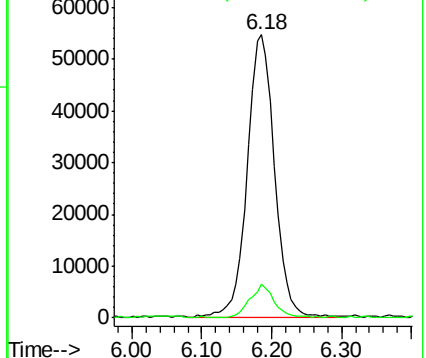
62 100

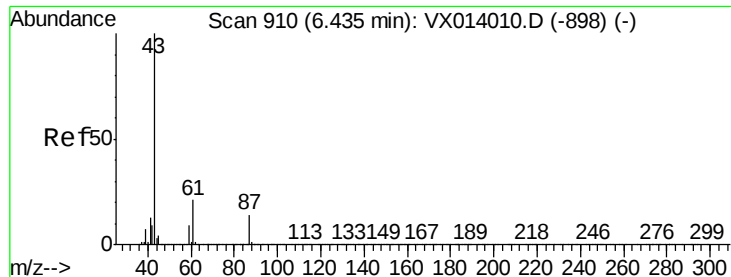
98 10.8 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.893 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

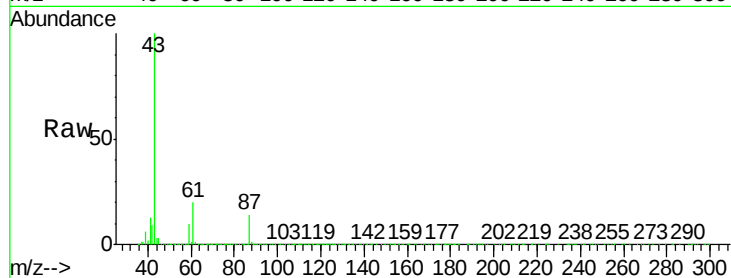
Instrument :

MSVOA_X

ClientSampleId :

VX1223MBS02

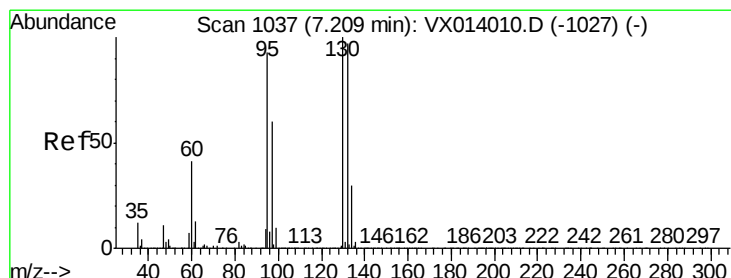
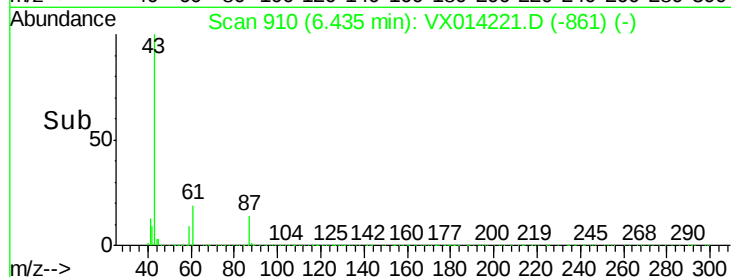
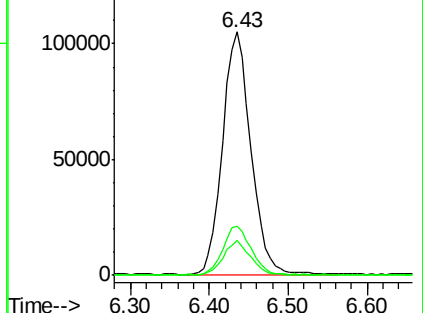
Tgt Ion:	43	Resp:	263152
Ion	Ratio	Lower	Upper
43	100		
61	19.6	16.4	24.6
87	13.9	10.7	16.1



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: 19.817 ug/l

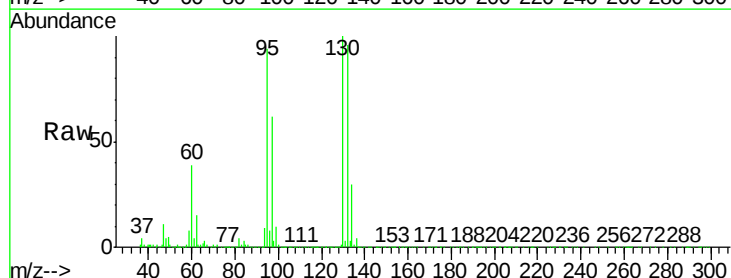
RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014221.D

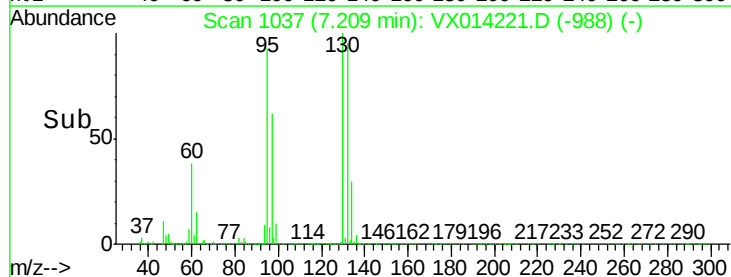
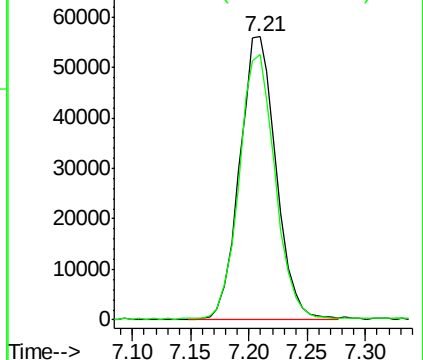
Acq: 23 Dec 2019 23:45

Tgt Ion:	130	Resp:	121909
Ion	Ratio	Lower	Upper
130	100		
95	93.2	0.0	185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

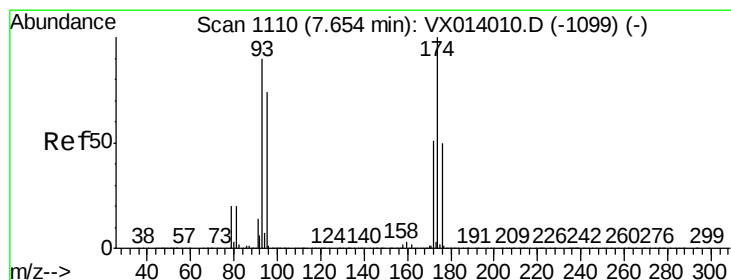
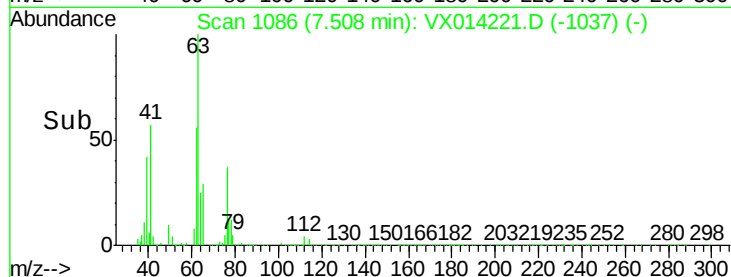
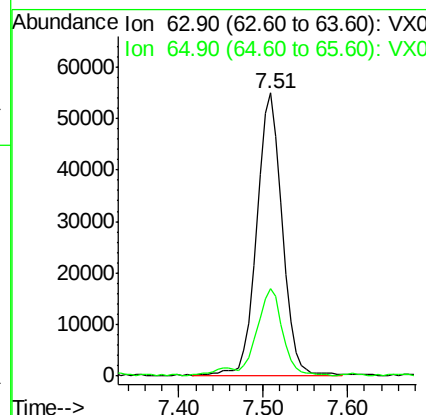
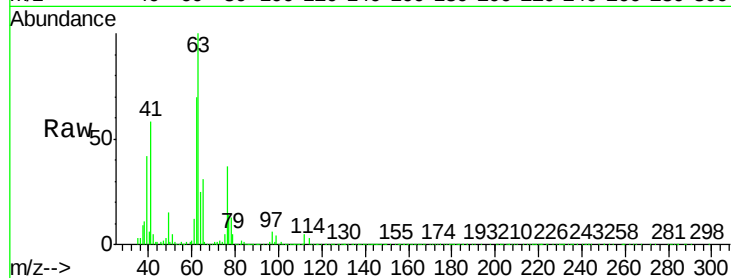




#45
 1,2-Dichloropropane
 Concen: 19.705 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014221.D
 Acq: 23 Dec 2019 23:45

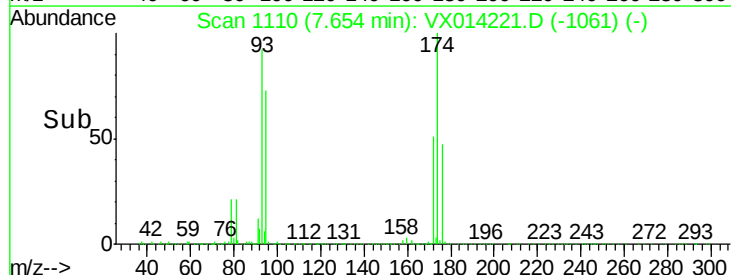
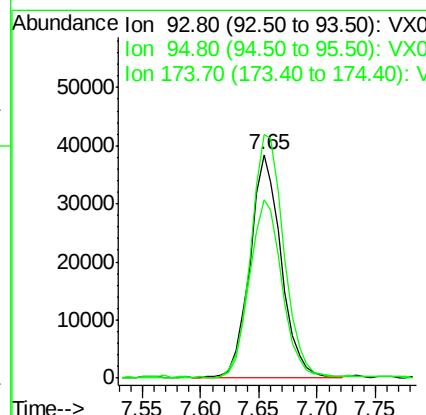
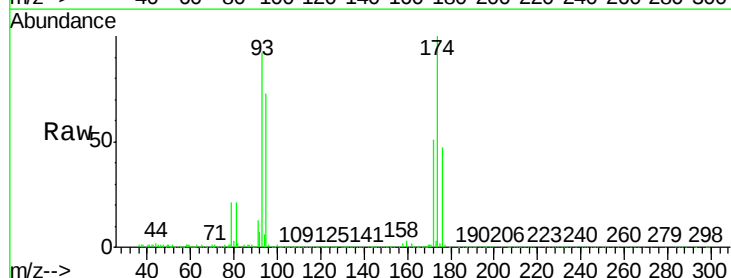
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223MBS02

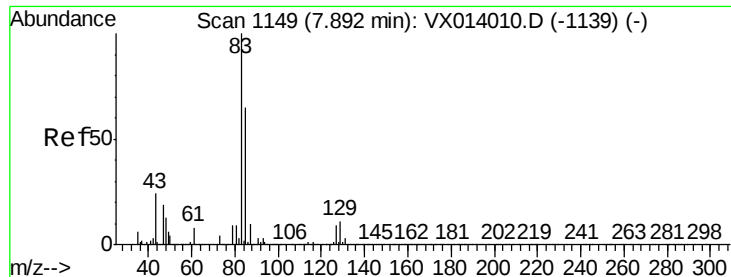
Tgt Ion: 63 Resp: 112490
 Ion Ratio Lower Upper
 63 100
 65 30.3 25.8 38.8



#46
 Dibromomethane
 Concen: 19.120 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014221.D
 Acq: 23 Dec 2019 23:45

Tgt Ion: 93 Resp: 72164
 Ion Ratio Lower Upper
 93 100
 95 82.7 67.3 100.9
 174 113.1 91.6 137.4





#47

Bromodichloromethane

Concen: 19.475 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1223MBS02

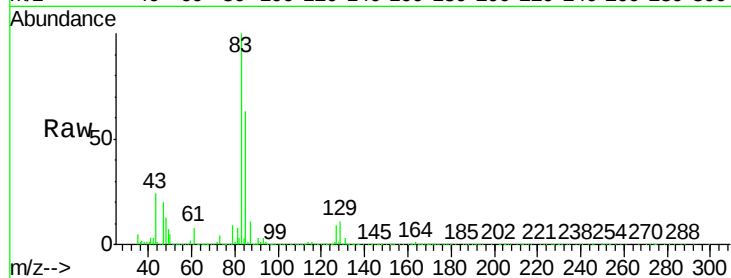
Tgt Ion: 83 Resp: 138433

Ion Ratio Lower Upper

83 100

85 63.4 51.8 77.8

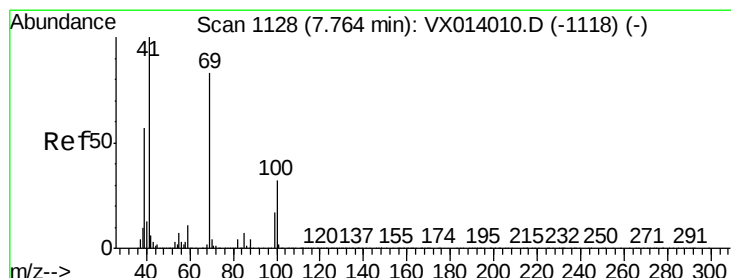
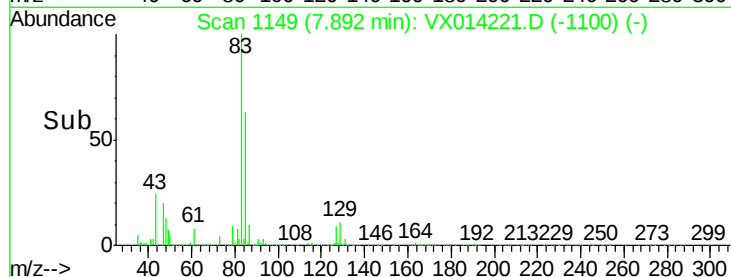
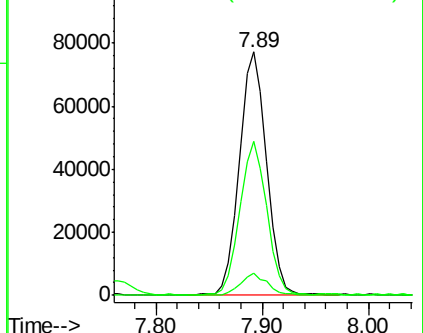
127 9.1 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.608 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

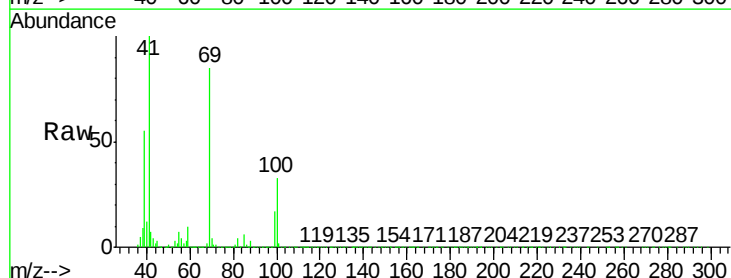
Tgt Ion: 41 Resp: 127015

Ion Ratio Lower Upper

41 100

69 82.0 65.8 98.6

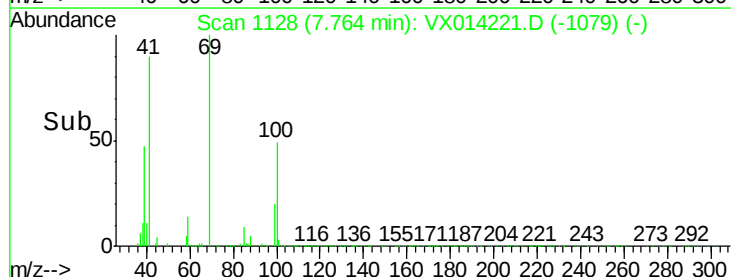
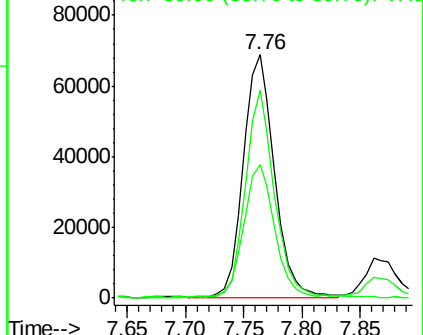
39 54.3 44.6 67.0

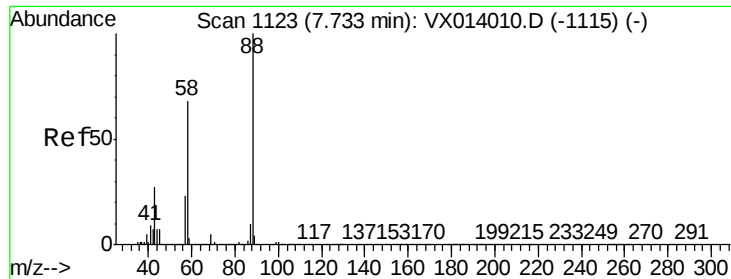


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 404.875 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1223MBSD02

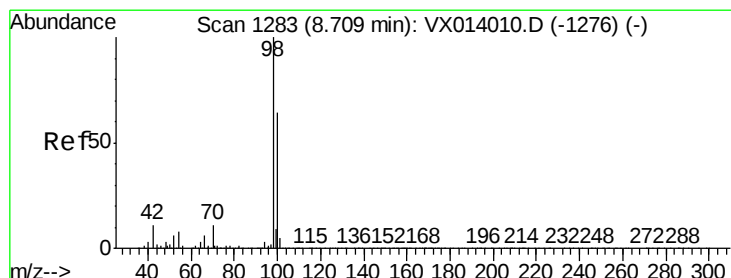
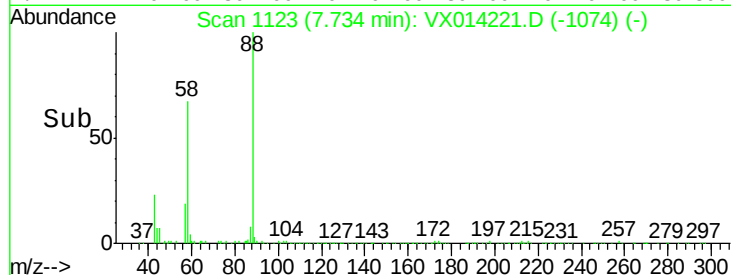
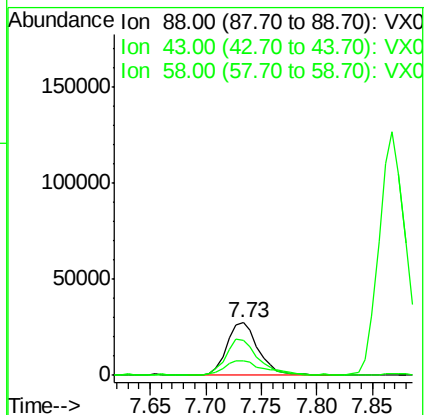
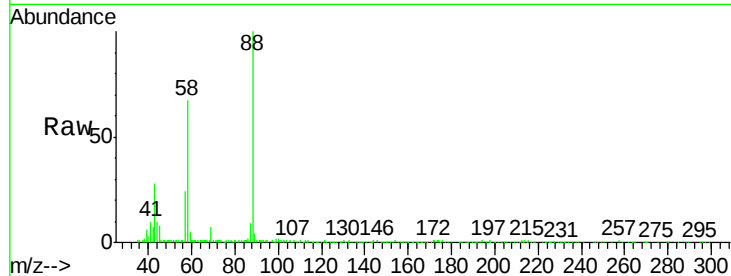
Tgt Ion: 88 Resp: 53372

Ion Ratio Lower Upper

88 100

43 32.5 26.5 39.7

58 69.7 56.8 85.2



#50

Toluene-d8

Concen: 50.612 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014221.D

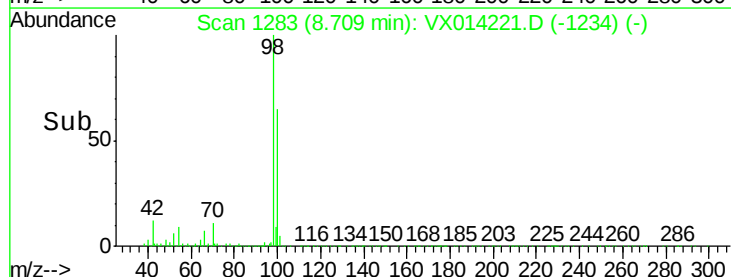
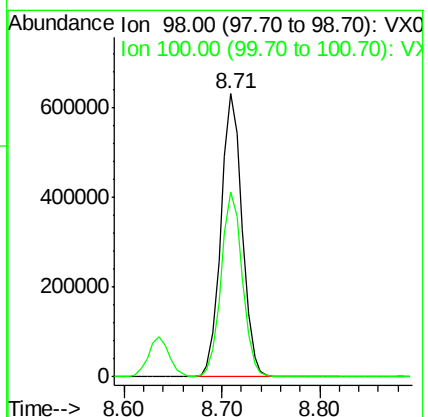
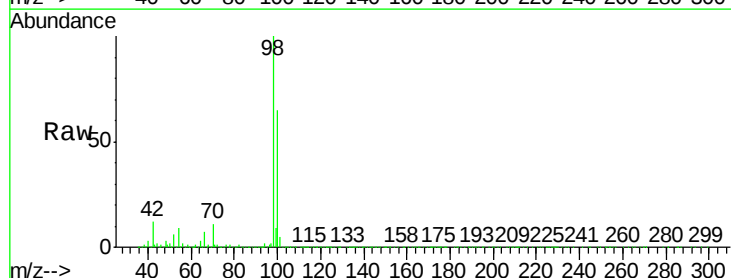
Acq: 23 Dec 2019 23:45

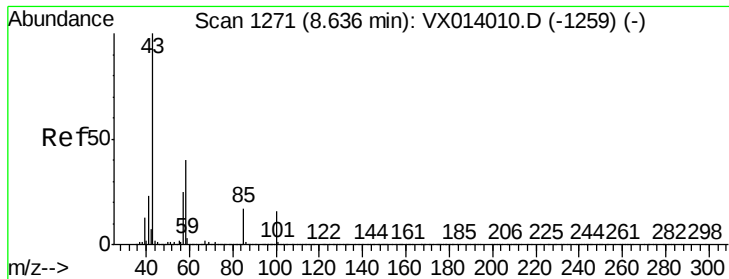
Tgt Ion: 98 Resp: 944955

Ion Ratio Lower Upper

98 100

100 65.5 52.9 79.3

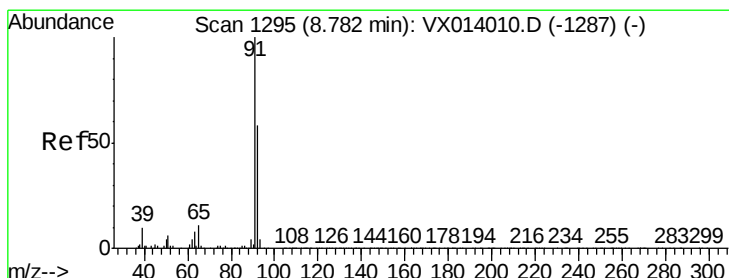
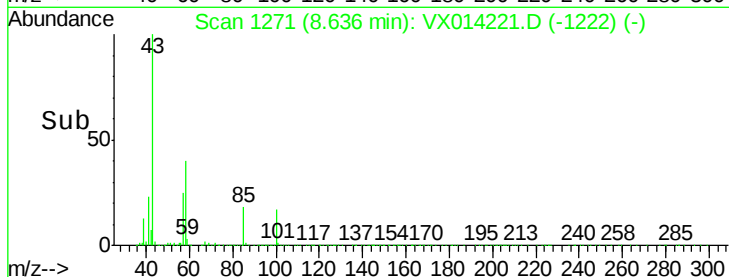
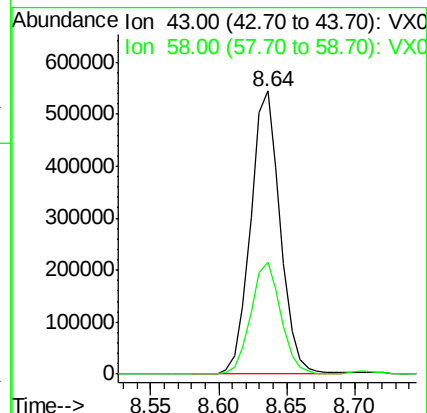
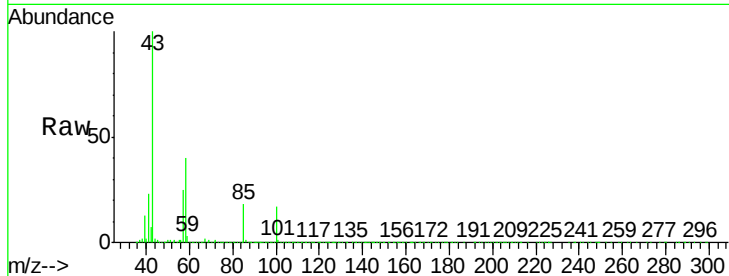




#51
 4-Methyl-2-Pentanone
 Concen: 99.945 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX014221.D
 Acq: 23 Dec 2019 23:45

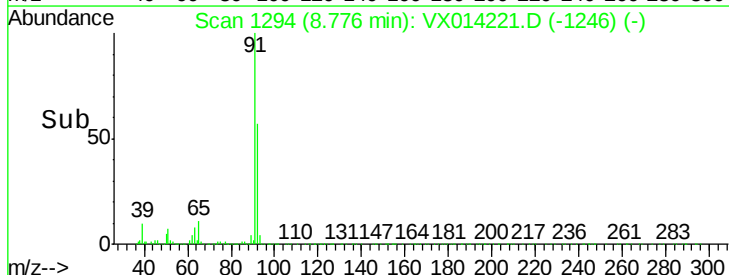
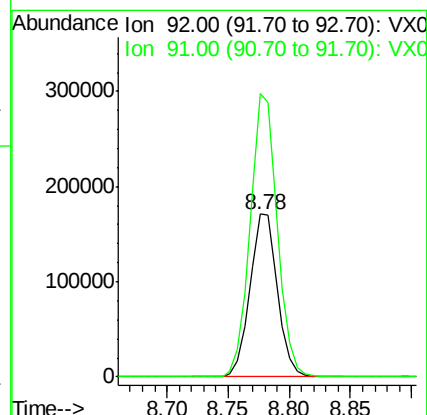
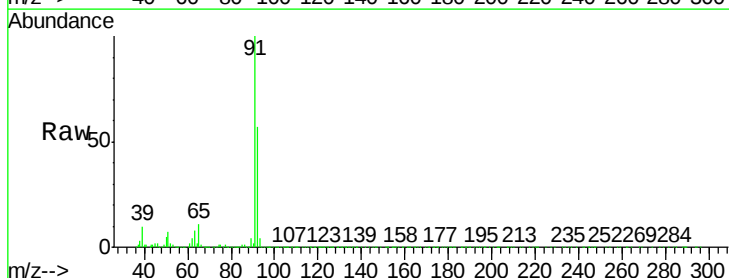
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223MBS02

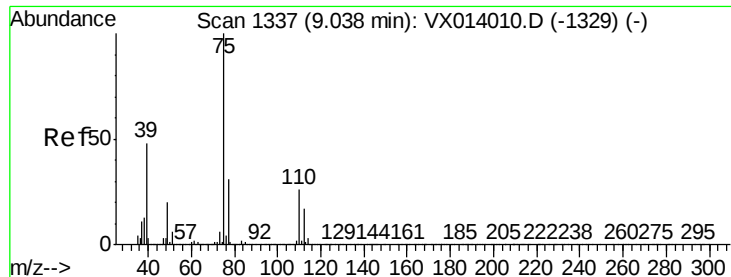
Tgt Ion: 43 Resp: 830329
 Ion Ratio Lower Upper
 43 100
 58 40.0 32.2 48.2



#52
 Toluene
 Concen: 18.945 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: VX014221.D
 Acq: 23 Dec 2019 23:45

Tgt Ion: 92 Resp: 266702
 Ion Ratio Lower Upper
 92 100
 91 171.7 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 18.452 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

ClientSampleId :

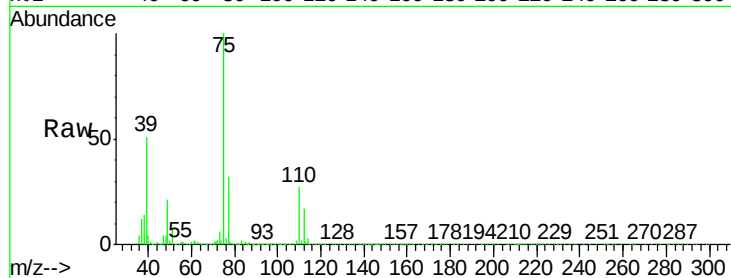
VX1223MBS02

Tgt Ion: 75 Resp: 143817

Ion Ratio Lower Upper

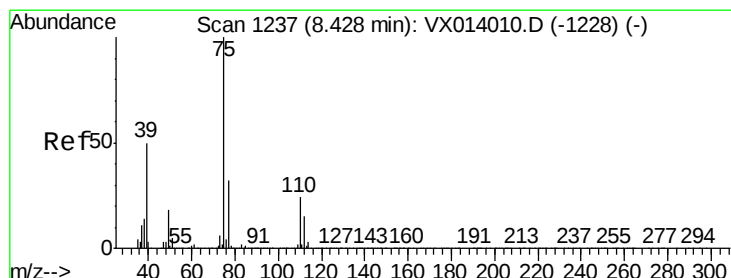
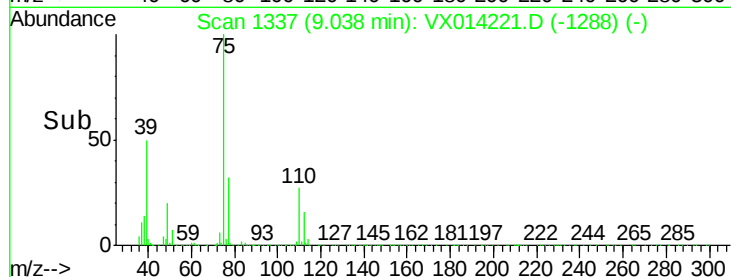
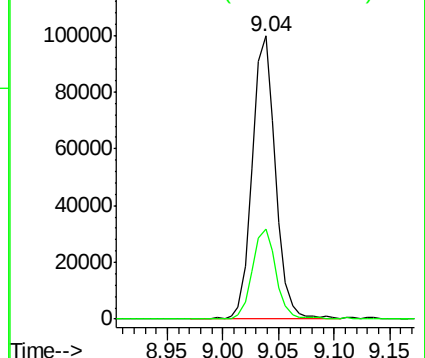
75 100

77 31.7 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: 18.856 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

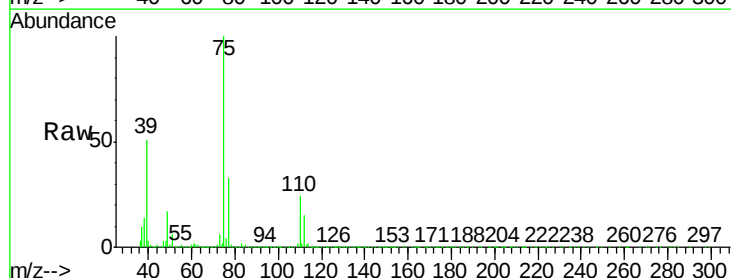
Tgt Ion: 75 Resp: 163734

Ion Ratio Lower Upper

75 100

77 32.7 25.3 37.9

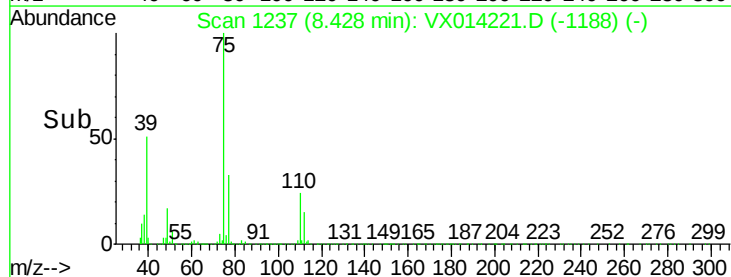
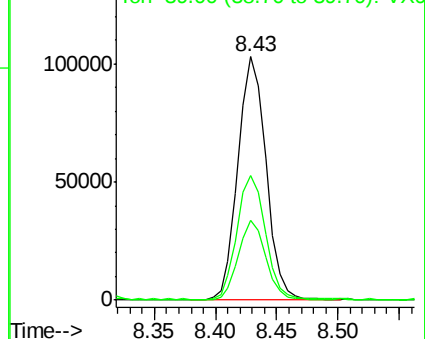
39 51.1 39.9 59.9



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

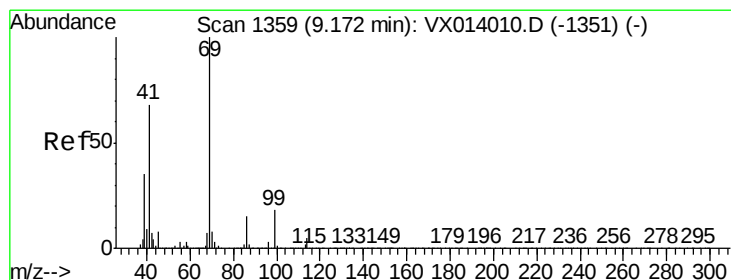
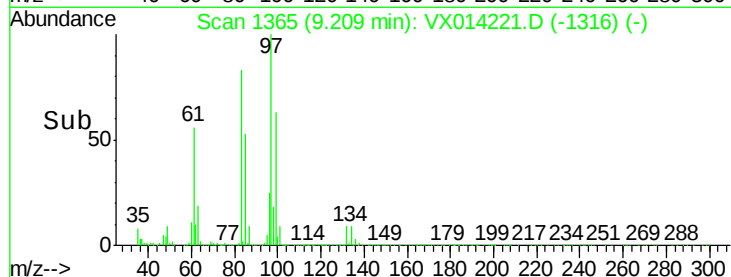
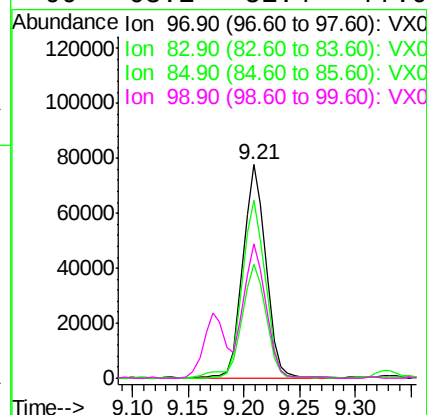
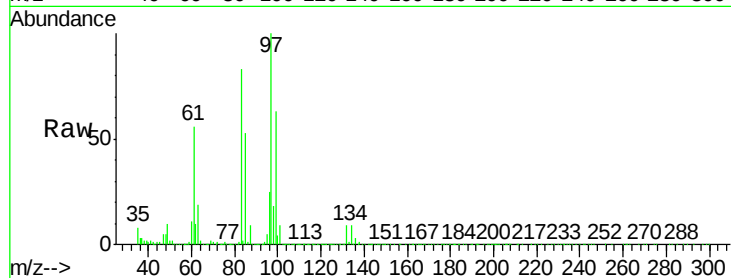




#55
 1,1,2-Trichloroethane
 Concen: 19.568 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014221.D
 Acq: 23 Dec 2019 23:45

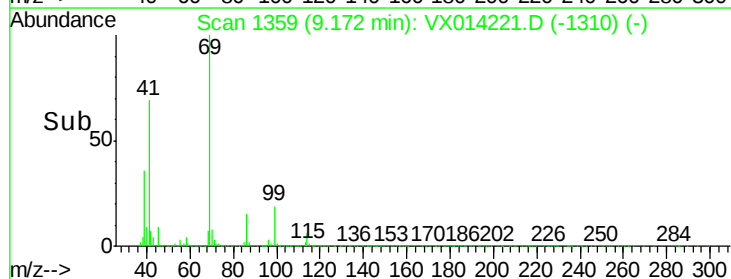
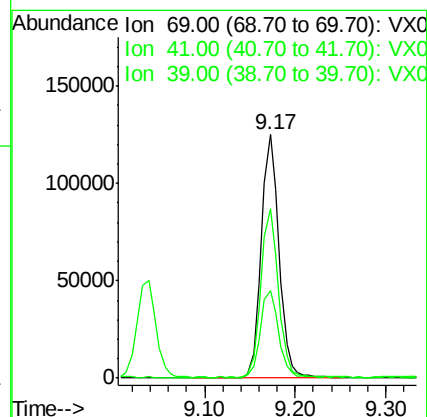
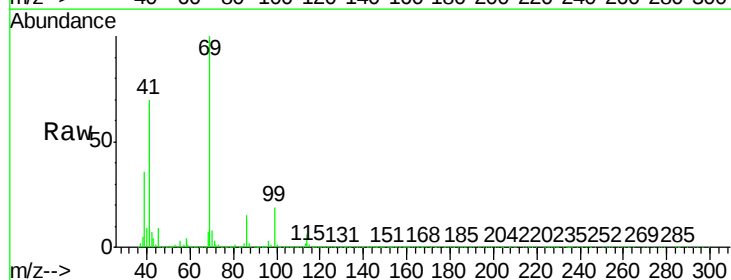
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223MBS02

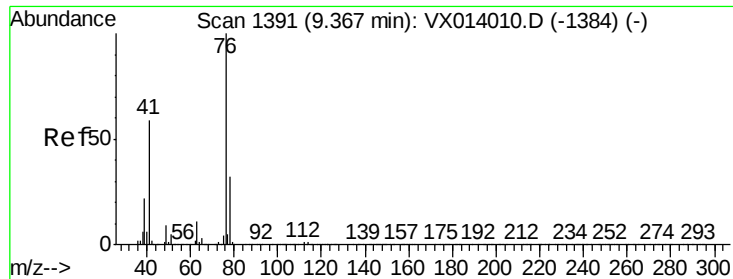
Tgt Ion:	97	Resp:	110406
Ion	Ratio	Lower	Upper
97	100		
83	83.2	68.2	102.4
85	53.1	44.6	66.8
99	63.1	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 19.249 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014221.D
 Acq: 23 Dec 2019 23:45

Tgt Ion:	69	Resp:	170605
Ion	Ratio	Lower	Upper
69	100		
41	68.7	54.8	82.2
39	36.8	28.3	42.5





#57

1,3-Dichloropropane

Concen: 19.469 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

ClientSampleId :

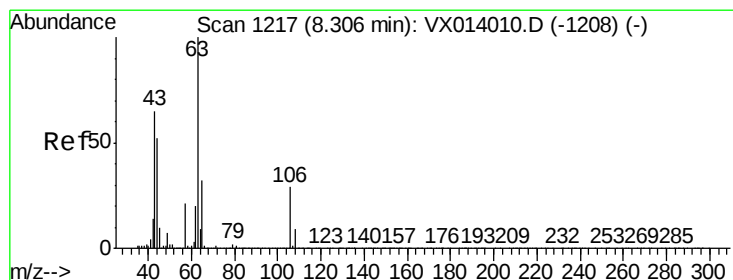
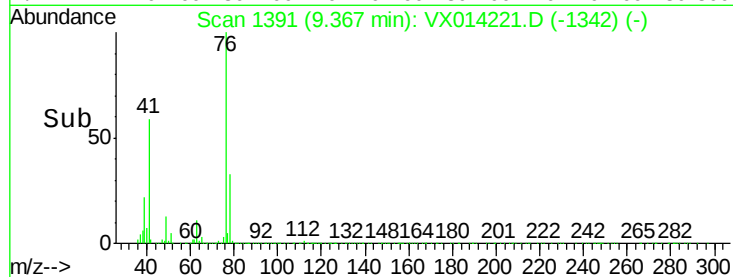
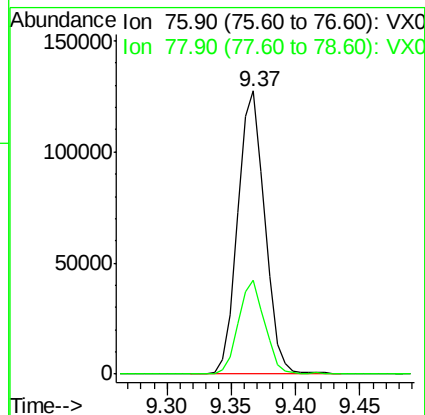
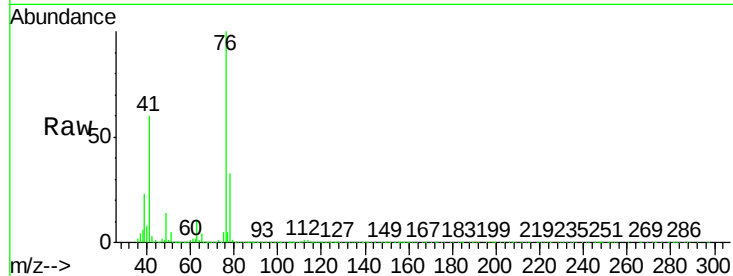
VX1223MBSD02

Tgt Ion: 76 Resp: 184816

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 100.136 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014221.D

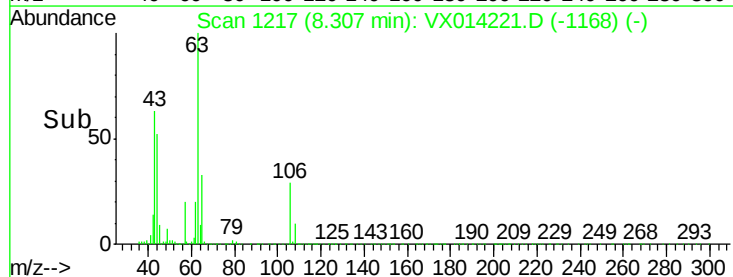
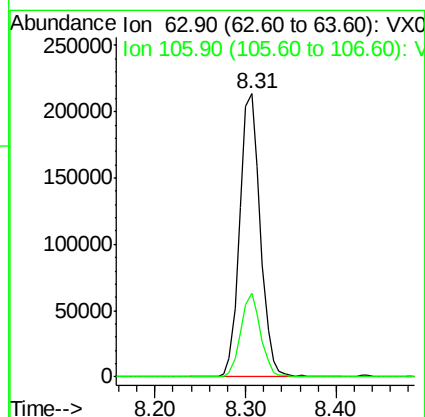
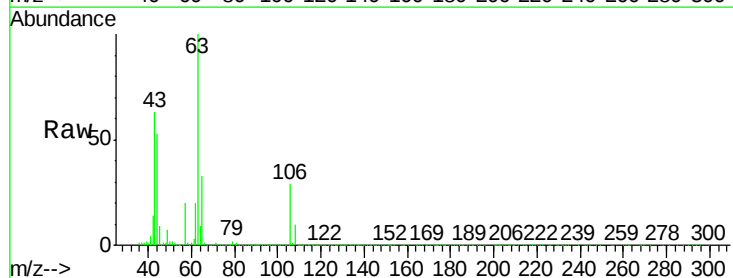
Acq: 23 Dec 2019 23:45

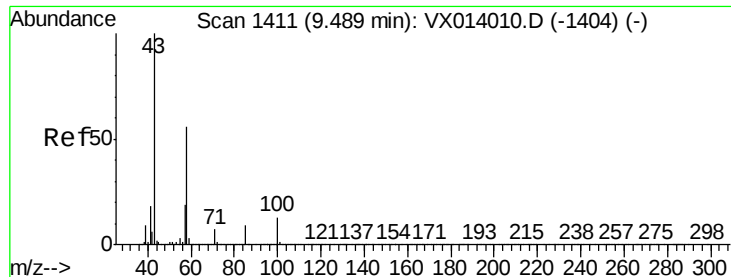
Tgt Ion: 63 Resp: 335859

Ion Ratio Lower Upper

63 100

106 28.5 23.0 34.6

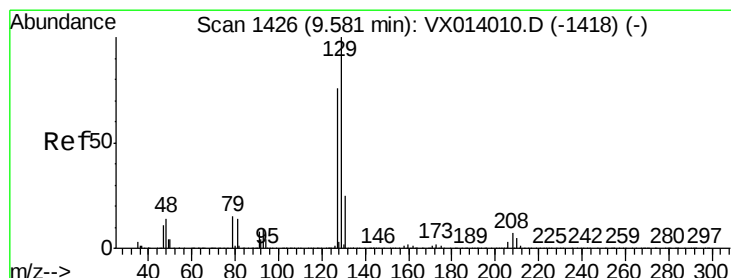
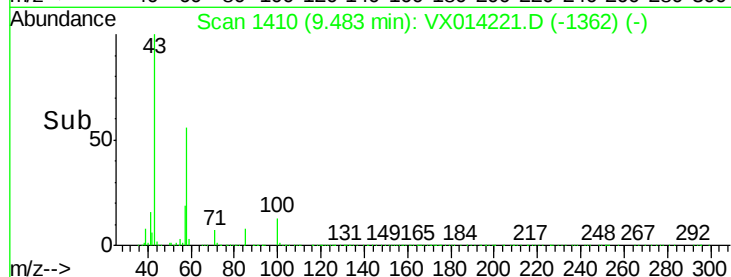
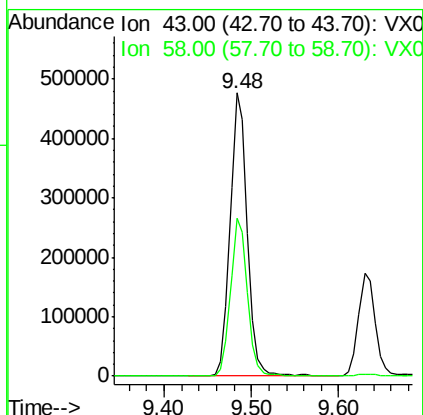
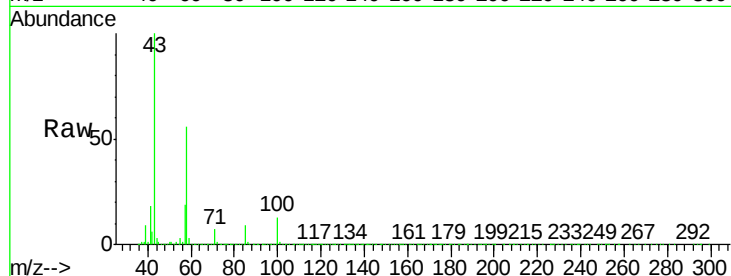




#59
2-Hexanone
Concen: 96.607 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

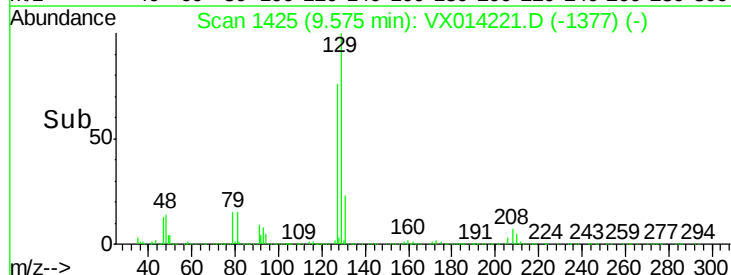
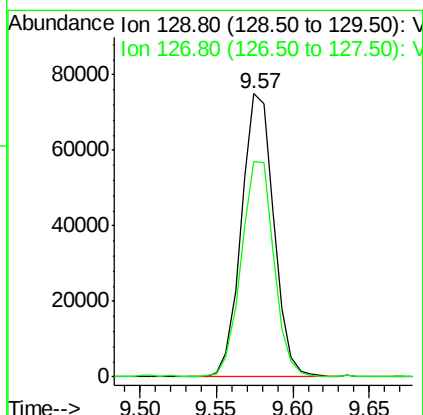
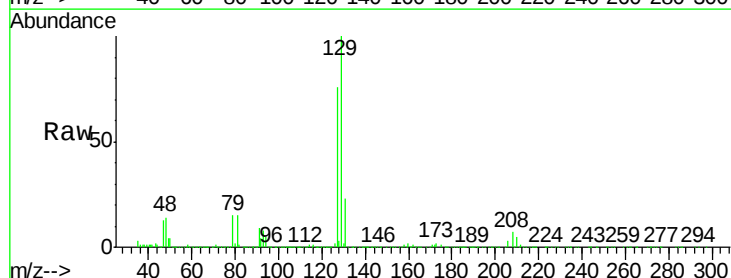
Instrument :
MSVOA_X
ClientSampleId :
VX1223MBS02

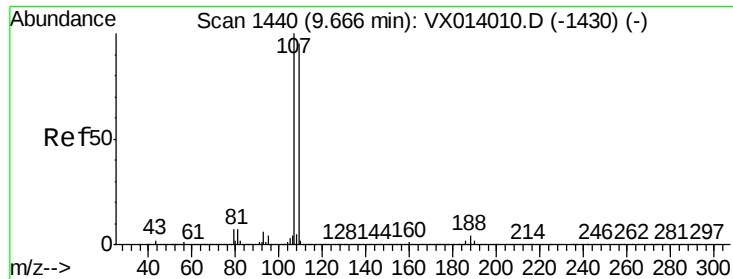
Tgt Ion: 43 Resp: 646092
Ion Ratio Lower Upper
43 100
58 55.5 28.0 84.0



#60
Dibromochloromethane
Concen: 19.493 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Tgt Ion: 129 Resp: 109321
Ion Ratio Lower Upper
129 100
127 77.1 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.709 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

ClientSampleId :

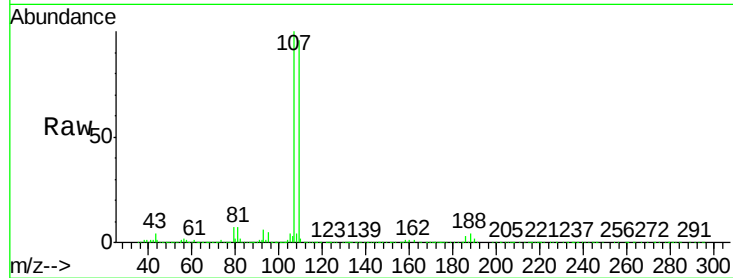
VX1223MBSD02

Tgt Ion: 107 Resp: 113775

Ion Ratio Lower Upper

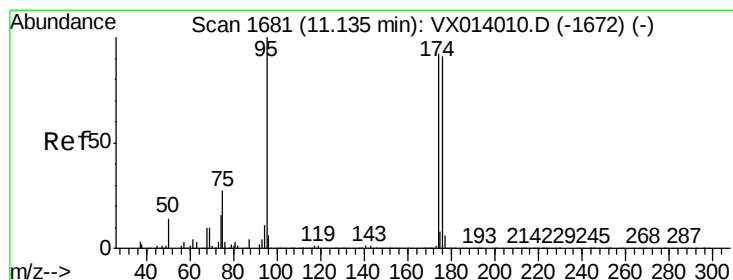
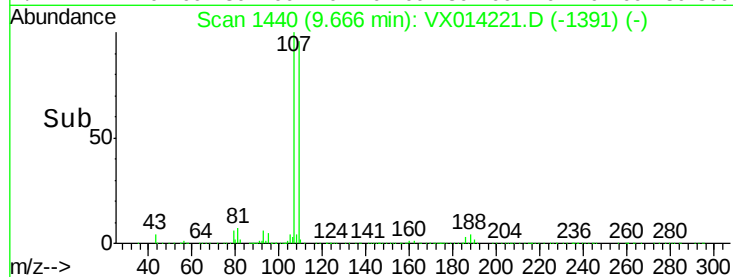
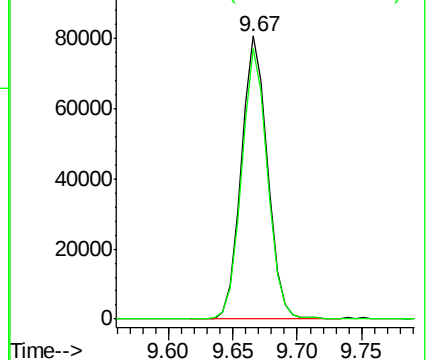
107 100

109 93.5 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: 47.805 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

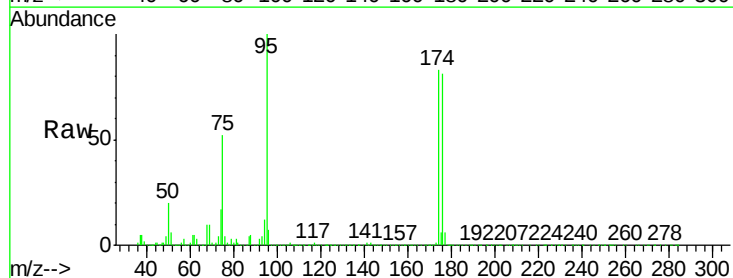
Tgt Ion: 95 Resp: 326262

Ion Ratio Lower Upper

95 100

174 91.4 0.0 175.8

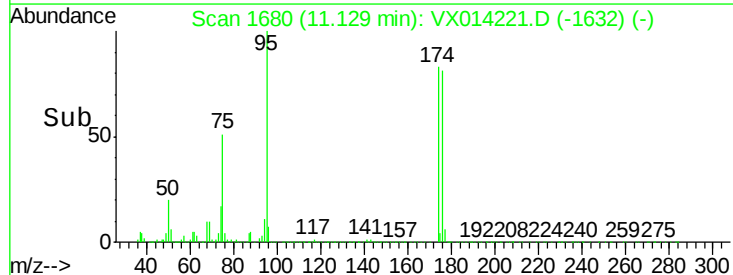
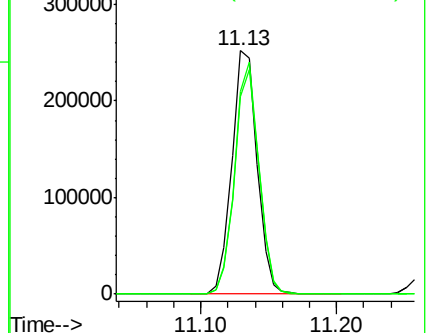
176 88.7 0.0 173.0

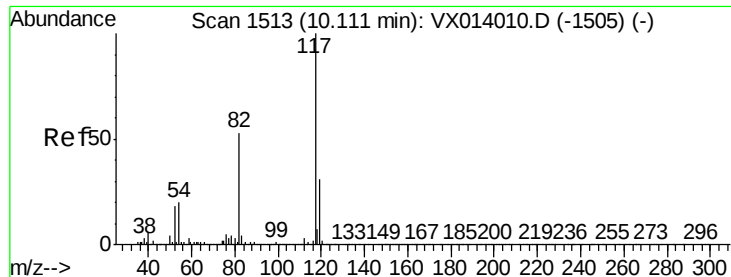


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

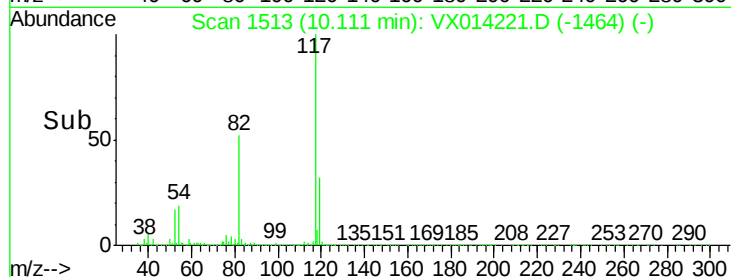
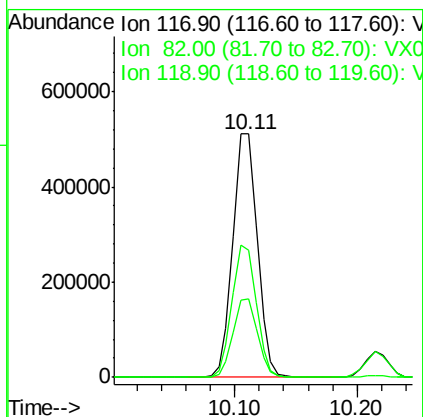
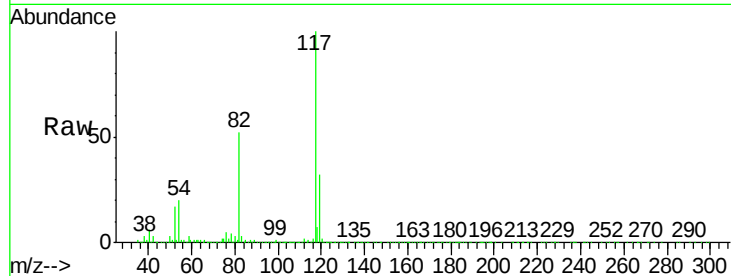




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

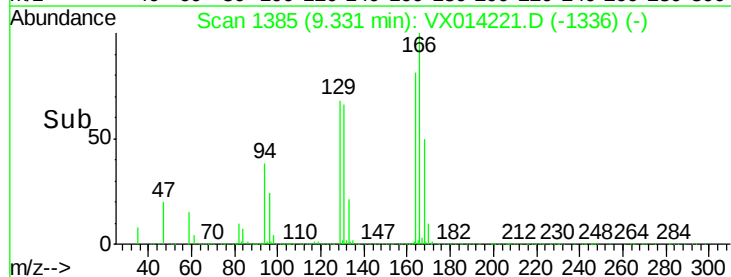
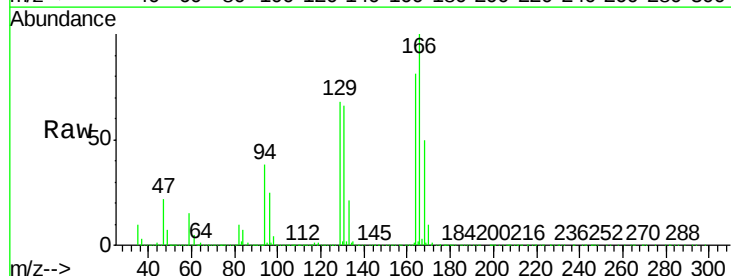
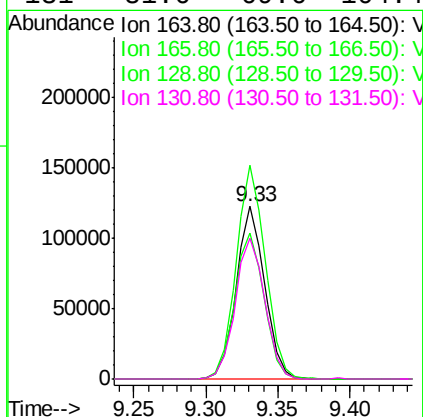
Instrument :
MSVOA_X
ClientSampleId :
VX1223MBSD02

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.2	63.4
119	32.3	25.1	37.7



#64
Tetrachloroethene
Concen: 26.681 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.7	104.0	156.0
129	84.5	72.2	108.4
131	81.6	69.6	104.4





#65

Chlorobenzene

Concen: 19.094 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

ClientSampleId :

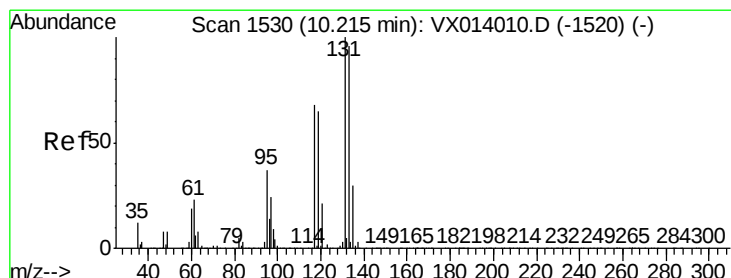
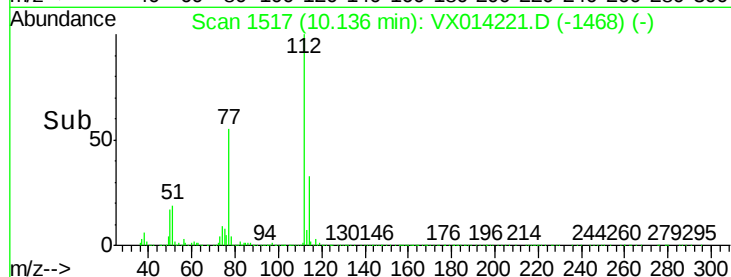
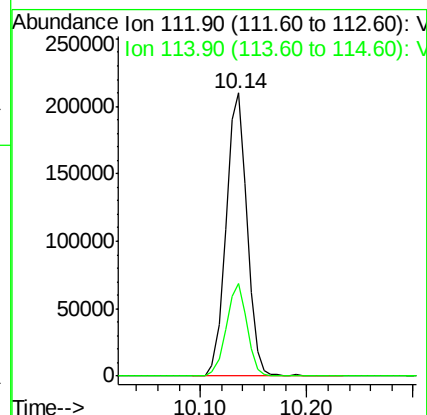
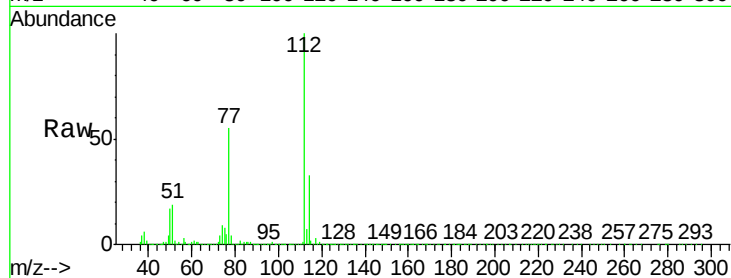
VX1223MBSD02

Tgt Ion:112 Resp: 288007

Ion Ratio Lower Upper

112 100

114 32.6 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 19.562 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

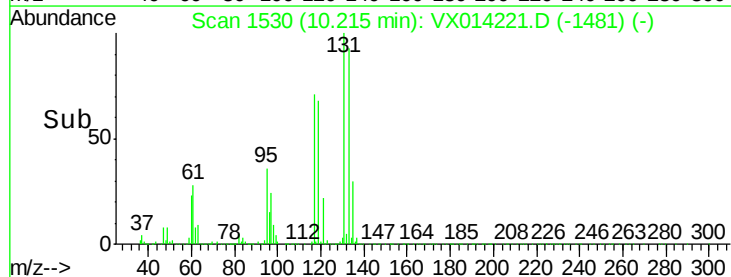
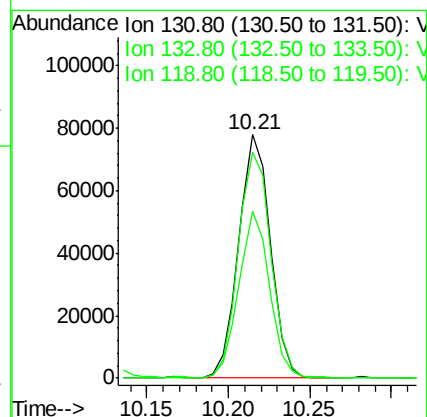
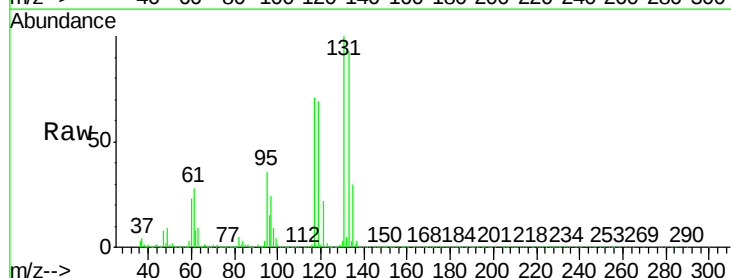
Tgt Ion:131 Resp: 105358

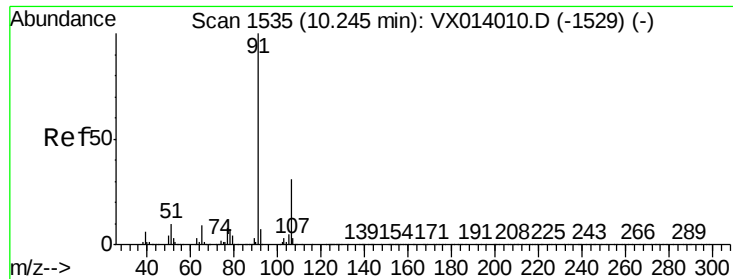
Ion Ratio Lower Upper

131 100

133 95.6 48.0 144.0

119 66.5 33.4 100.2

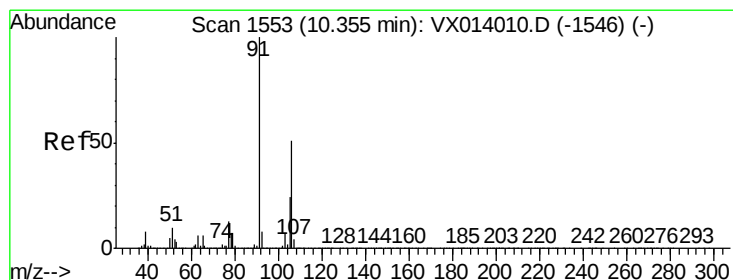
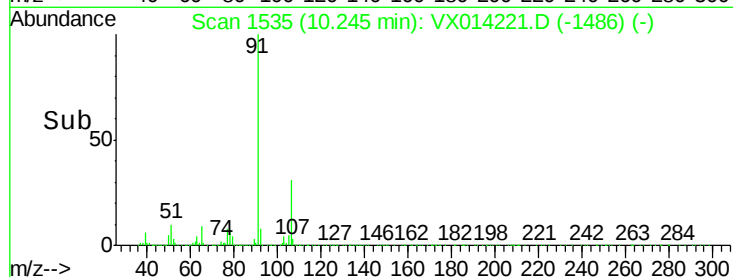
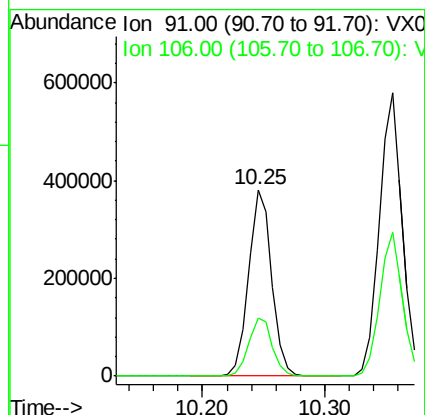
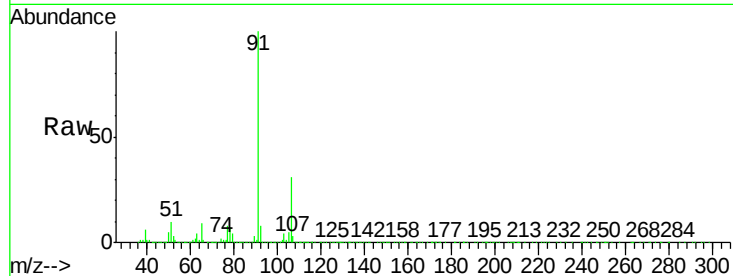




#67
Ethyl Benzene
Concen: 19.206 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

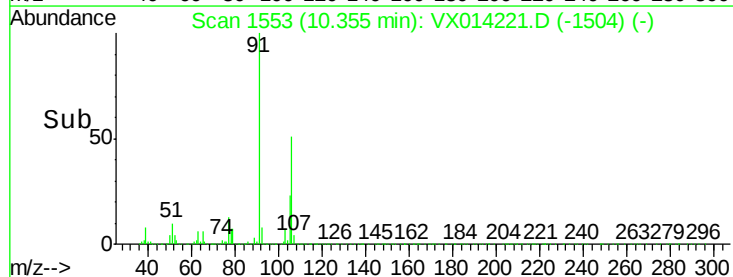
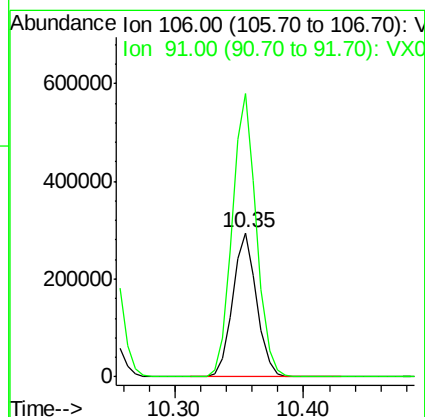
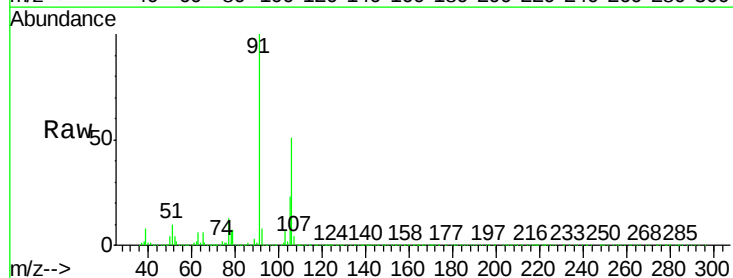
Instrument :
MSVOA_X
ClientSampleId :
VX1223MBS02

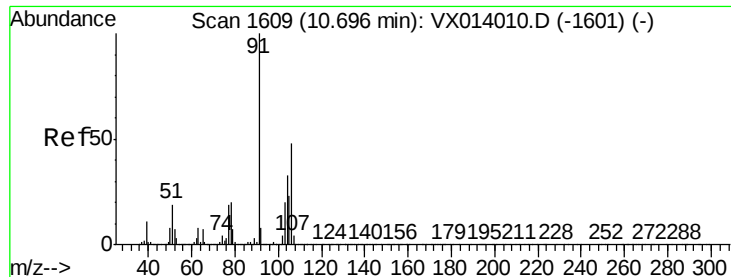
Tgt Ion: 91 Resp: 498059
Ion Ratio Lower Upper
91 100
106 30.9 25.0 37.6



#68
m/p-Xylenes
Concen: 38.366 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Tgt Ion: 106 Resp: 382665
Ion Ratio Lower Upper
106 100
91 198.4 158.6 238.0

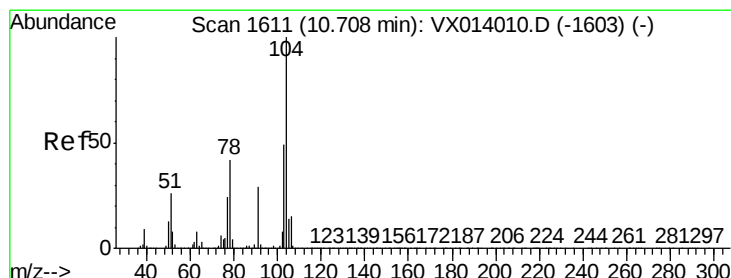
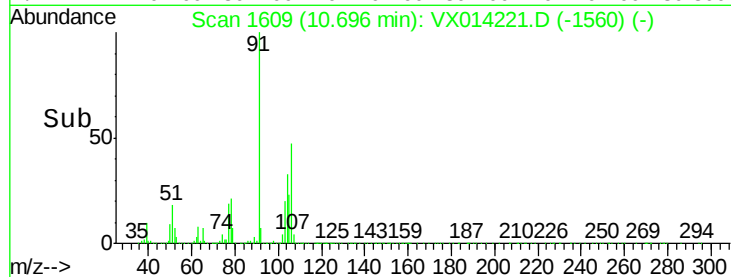
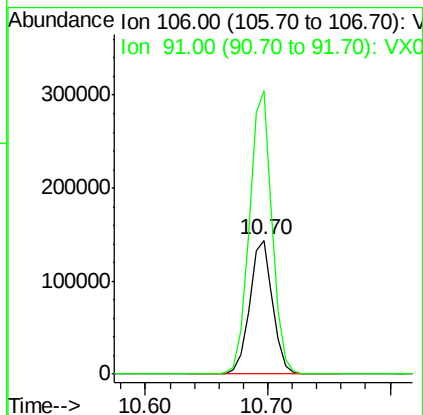
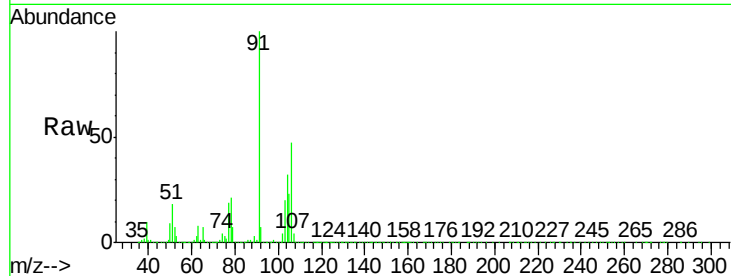




#69
o-Xylene
Concen: 19.063 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

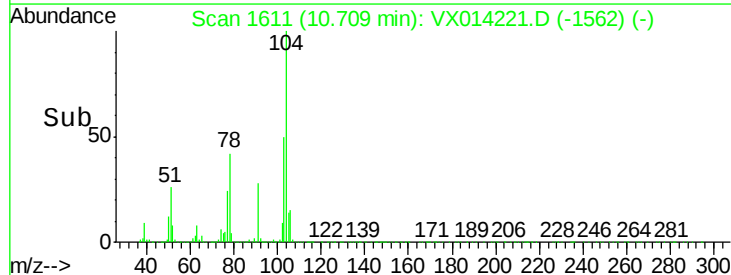
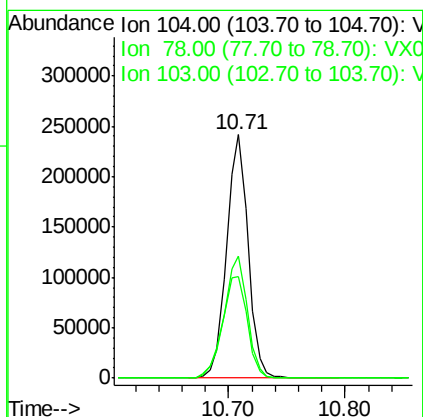
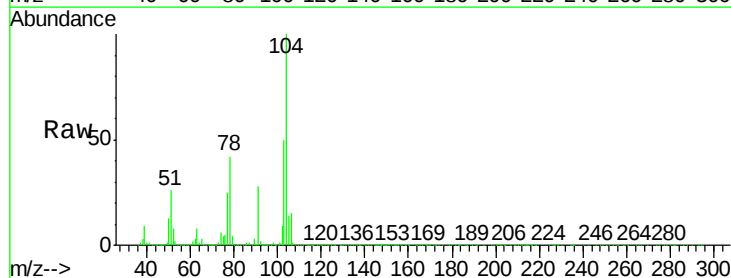
Instrument :
MSVOA_X
ClientSampleId :
VX1223MBS02

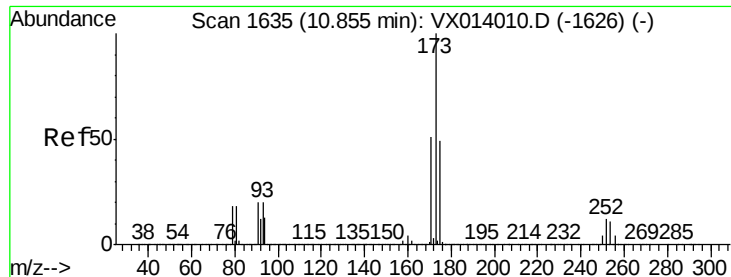
Tgt Ion:106 Resp: 186474
Ion Ratio Lower Upper
106 100
91 209.9 104.2 312.6



#70
Styrene
Concen: 18.738 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Tgt Ion:104 Resp: 309955
Ion Ratio Lower Upper
104 100
78 48.7 38.5 57.7
103 54.4 42.9 64.3

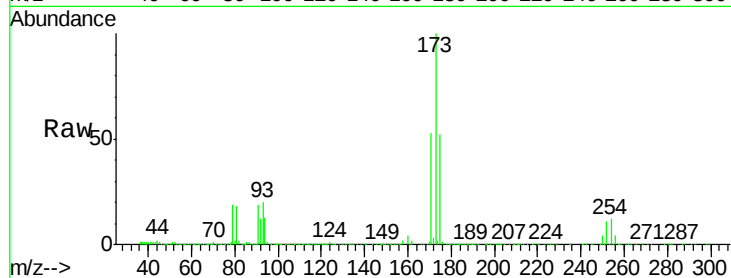




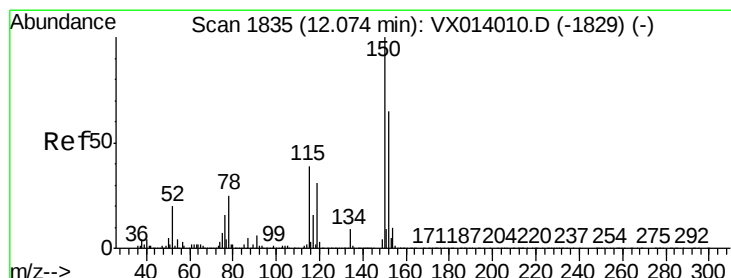
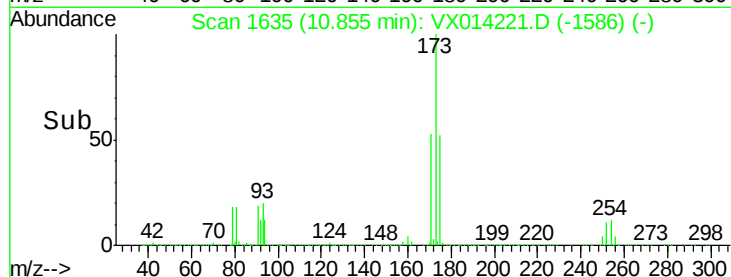
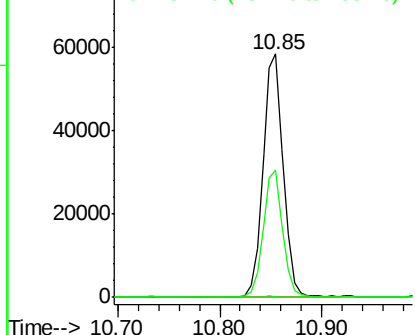
#71
Bromoform
Concen: 18.676 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Instrument :
MSVOA_X
ClientSampleId :
VX1223MBSD02

Tgt Ion:173 Resp: 80854
Ion Ratio Lower Upper
173 100
175 50.7 24.4 73.4
254 0.3 0.2 0.2#

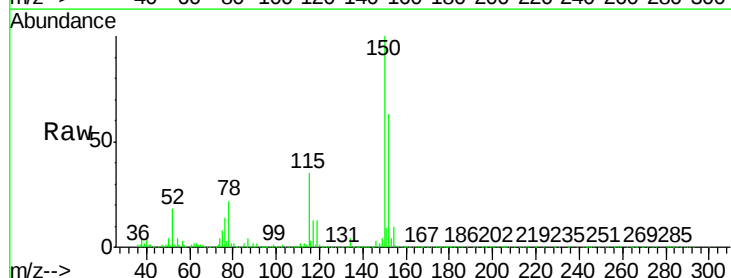


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

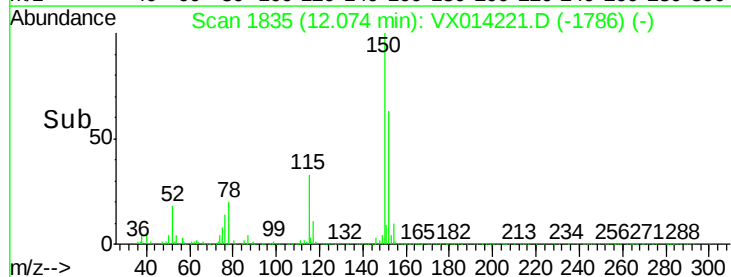
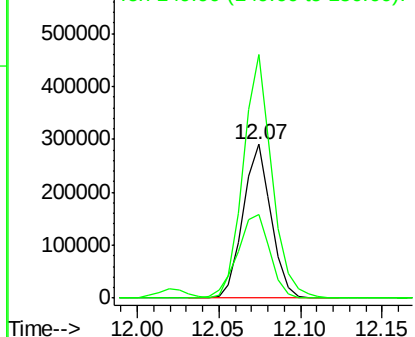


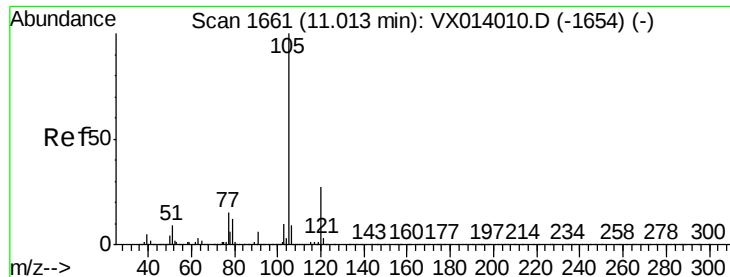
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Tgt Ion:152 Resp: 347894
Ion Ratio Lower Upper
152 100
115 63.2 38.3 114.9
150 161.2 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: 19.979 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

ClientSampleId :

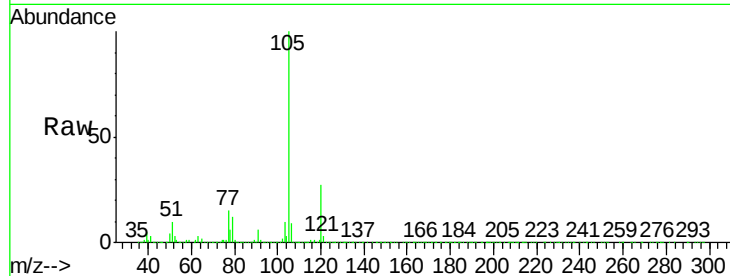
VX1223MBSD02

Tgt Ion:105 Resp: 489383

Ion Ratio Lower Upper

105 100

120 27.4 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

400000

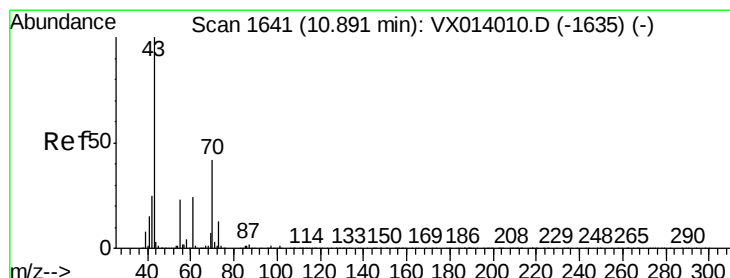
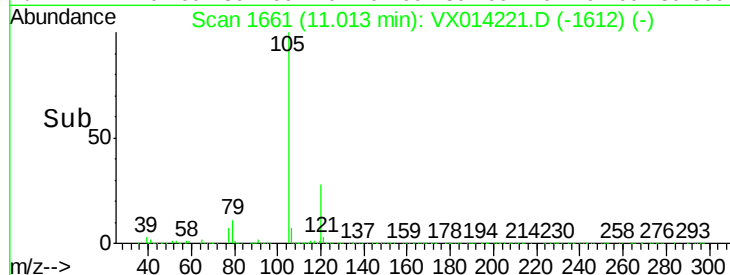
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 19.225 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Tgt Ion: 43 Resp: 220733

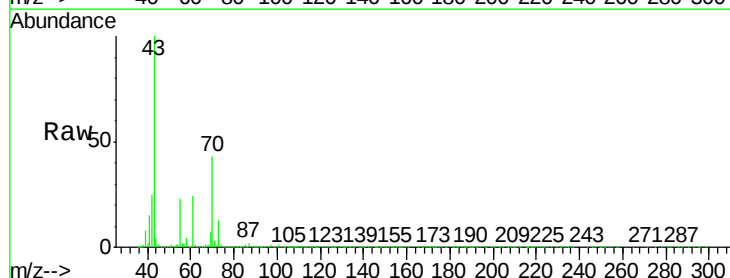
Ion Ratio Lower Upper

43 100

70 42.8 34.4 51.6

55 23.5 19.1 28.7

61 23.8 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

10.89

250000

200000

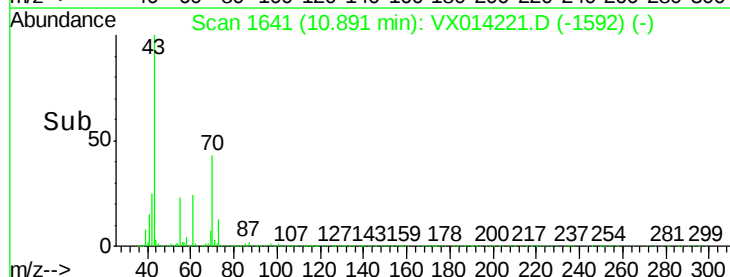
150000

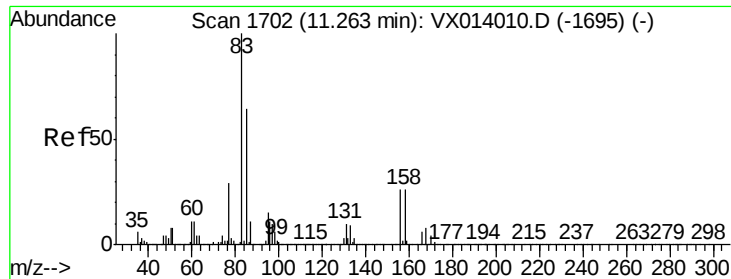
100000

50000

0

Time--> 10.85 10.90 10.95





#75

1,1,2,2-Tetrachloroethane

Concen: 17.812 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1223MBS02

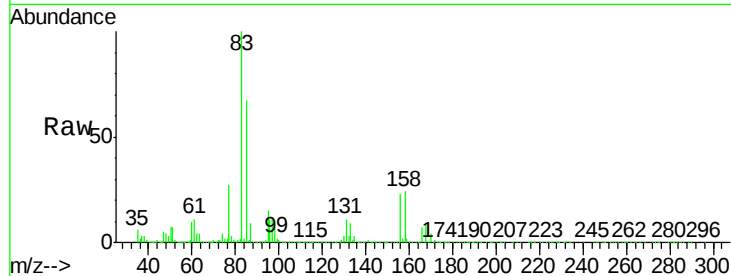
Tgt Ion: 83 Resp: 151259

Ion Ratio Lower Upper

83 100

131 10.9 5.1 15.2

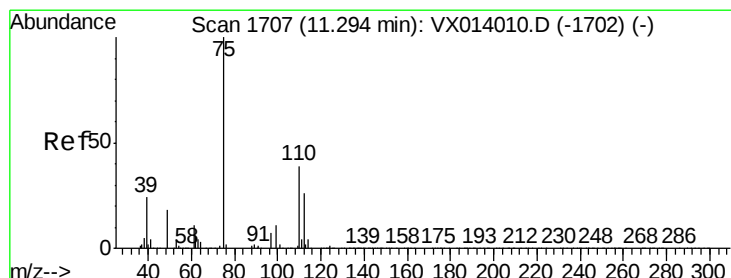
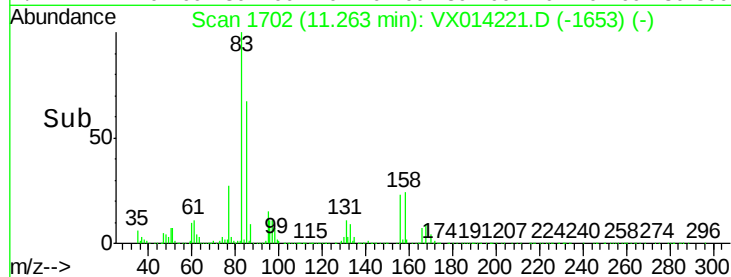
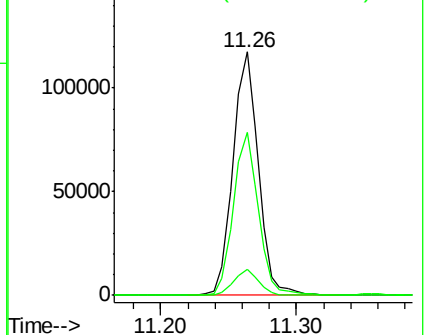
85 66.1 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.279 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014221.D

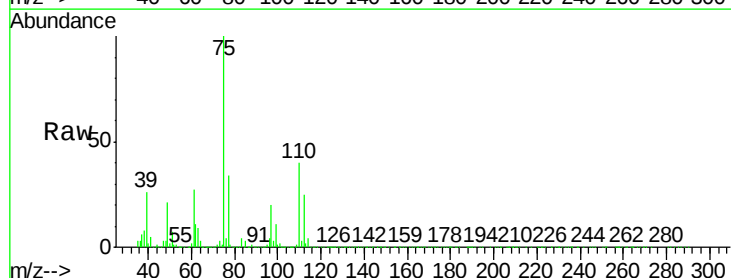
Acq: 23 Dec 2019 23:45

Tgt Ion: 75 Resp: 183370

Ion Ratio Lower Upper

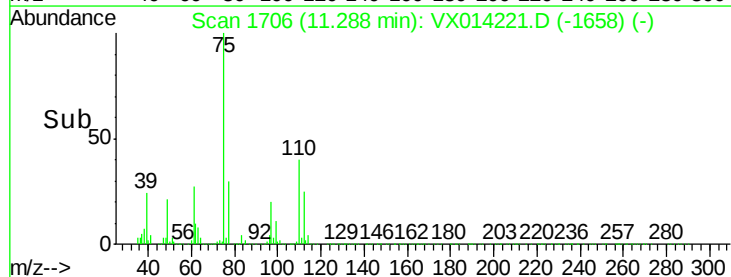
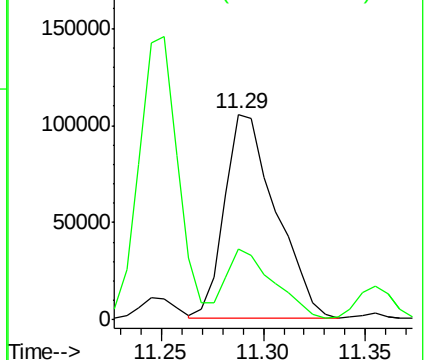
75 100

77 31.4 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: 19.017 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1223MBS02

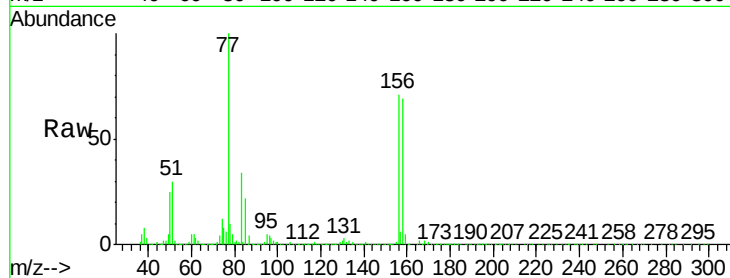
Tgt Ion: 156 Resp: 128164

Ion Ratio Lower Upper

156 100

77 152.0 76.5 229.5

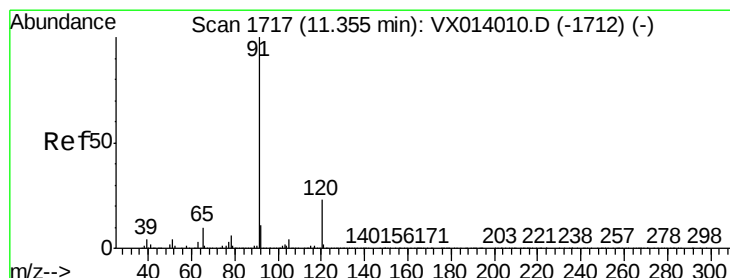
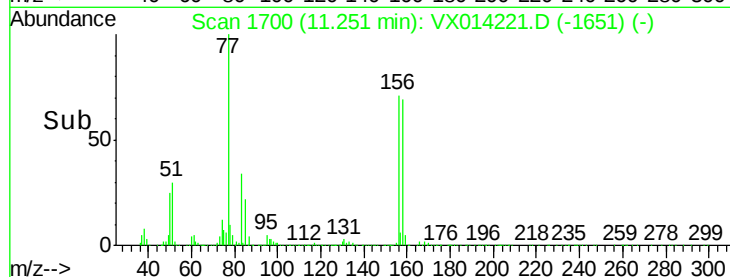
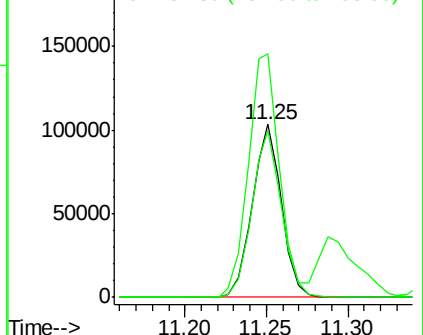
158 97.7 49.3 147.9



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: 19.952 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014221.D

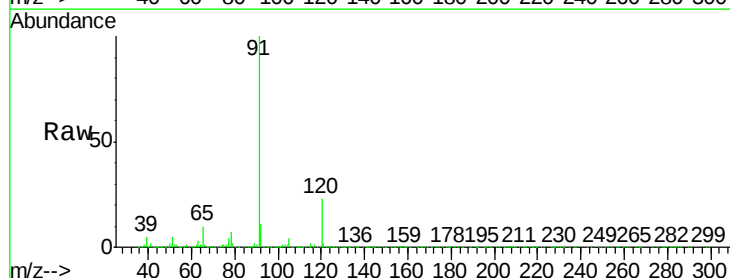
Acq: 23 Dec 2019 23:45

Tgt Ion: 91 Resp: 548190

Ion Ratio Lower Upper

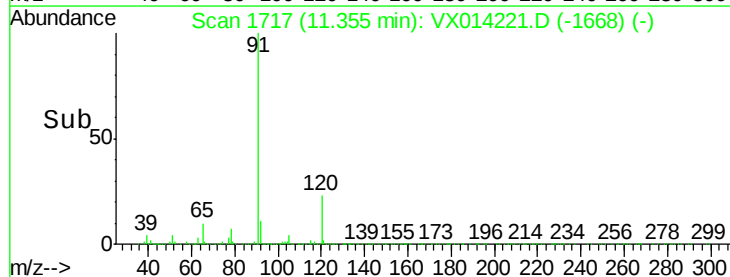
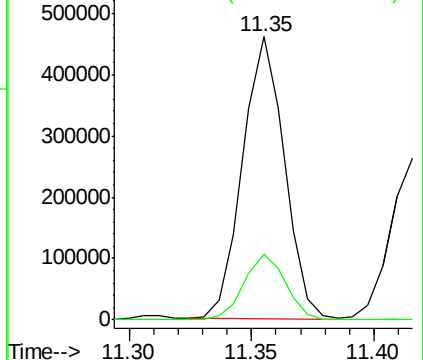
91 100

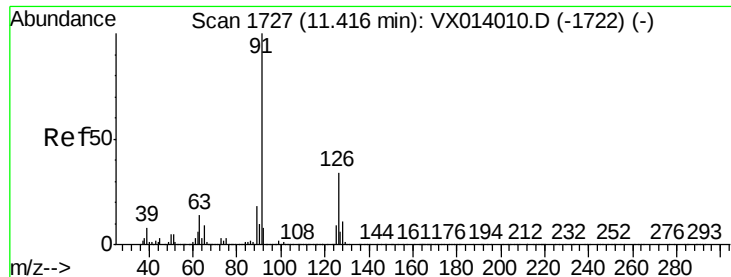
120 23.3 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.733 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

ClientSampled :

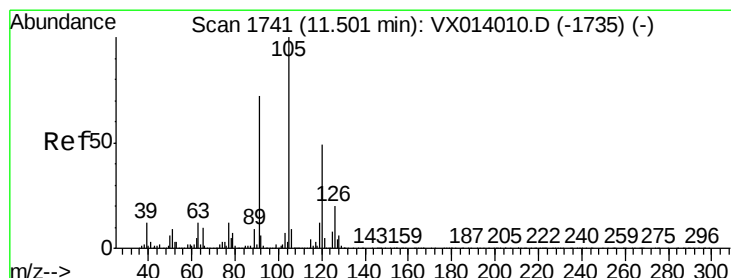
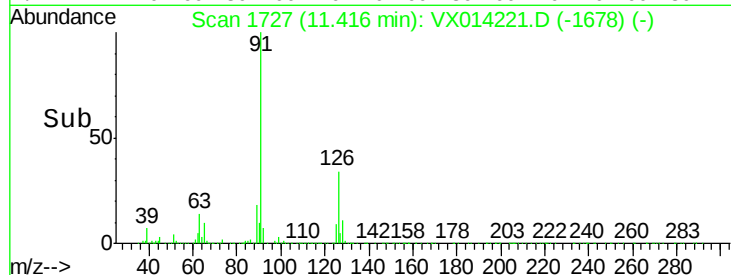
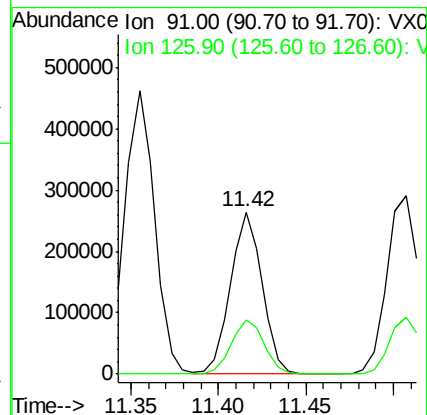
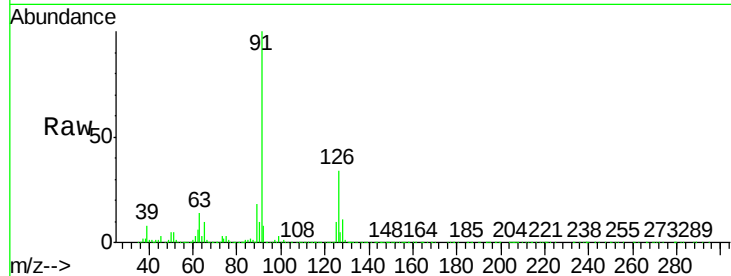
VX1223MBSD02

Tgt Ion: 91 Resp: 329566

Ion Ratio Lower Upper

91 100

126 34.7 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 19.643 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014221.D

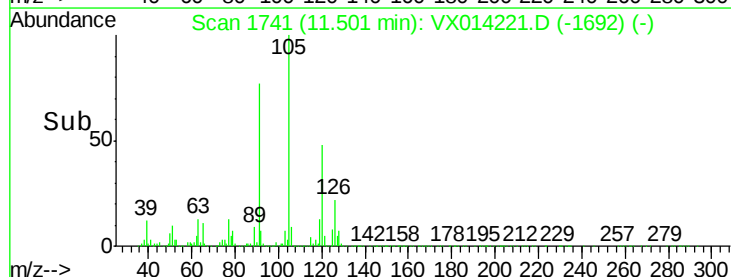
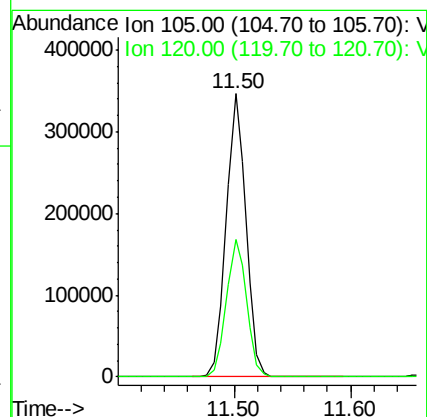
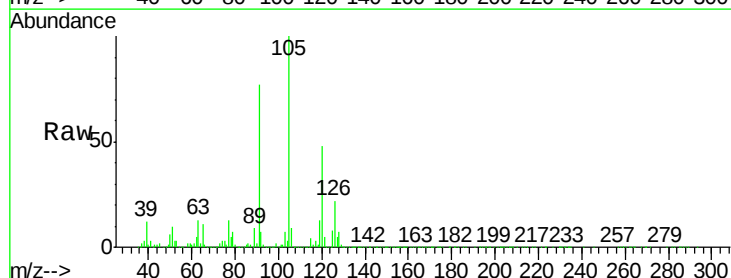
Acq: 23 Dec 2019 23:45

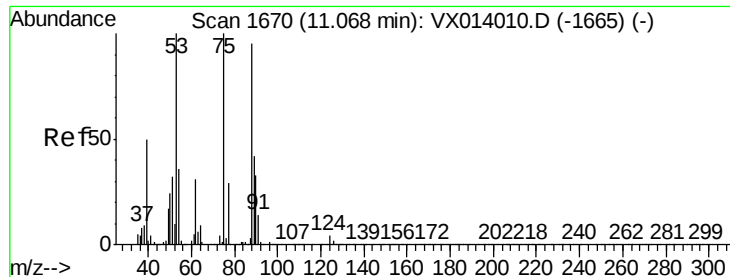
Tgt Ion: 105 Resp: 404933

Ion Ratio Lower Upper

105 100

120 49.5 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.452 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1223MBS02

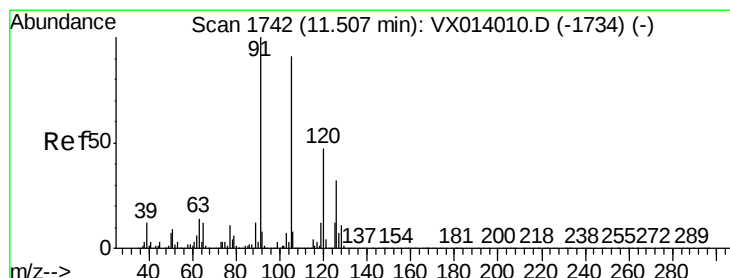
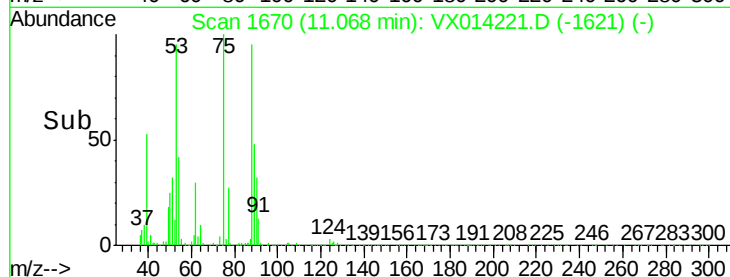
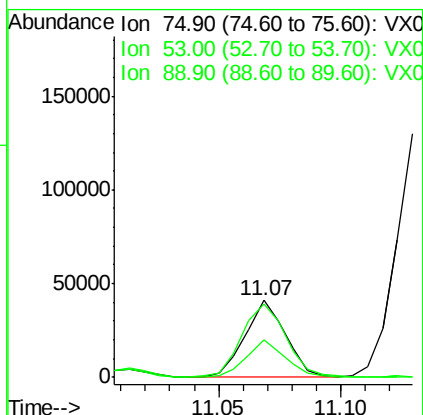
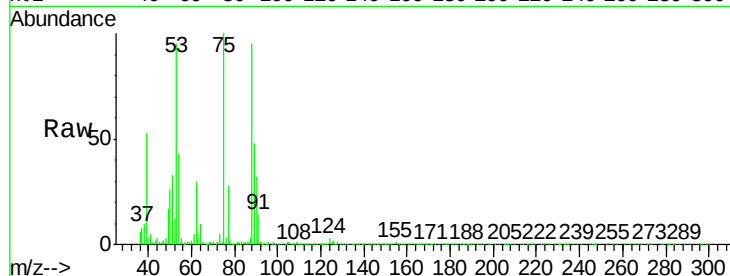
Tgt Ion: 75 Resp: 46700

Ion Ratio Lower Upper

75 100

53 104.0 76.7 115.1

89 48.7 34.6 51.8



#82

4-Chlorotoluene

Concen: 19.169 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014221.D

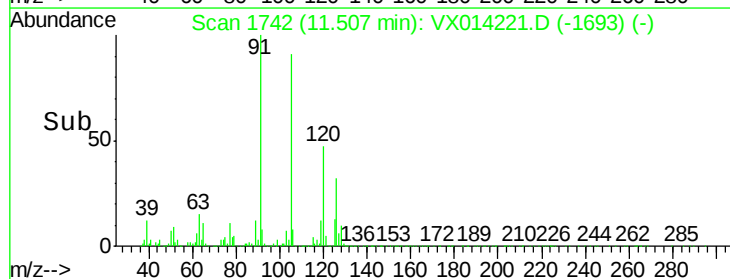
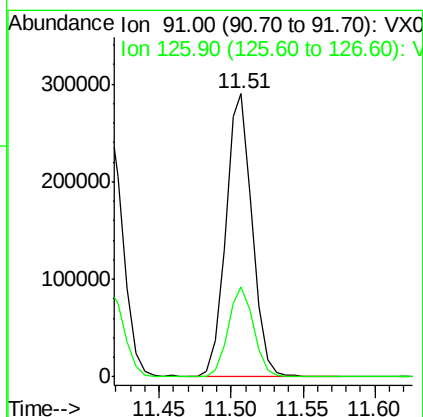
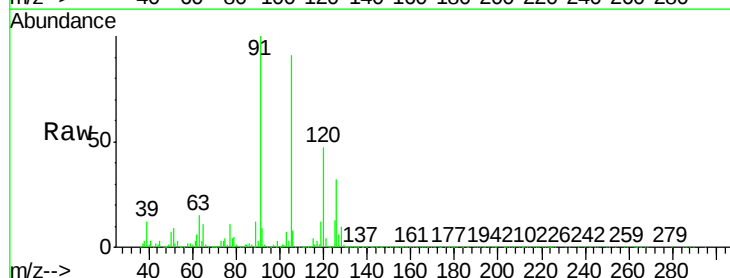
Acq: 23 Dec 2019 23:45

Tgt Ion: 91 Resp: 371357

Ion Ratio Lower Upper

91 100

126 31.3 15.6 46.8

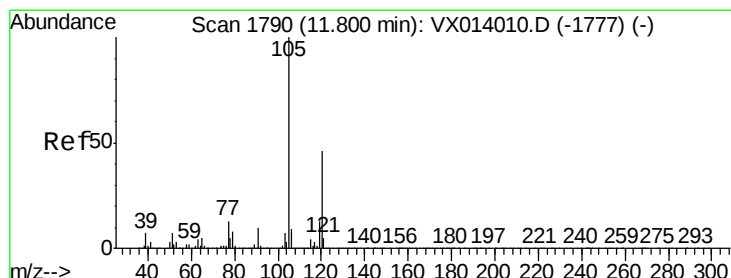
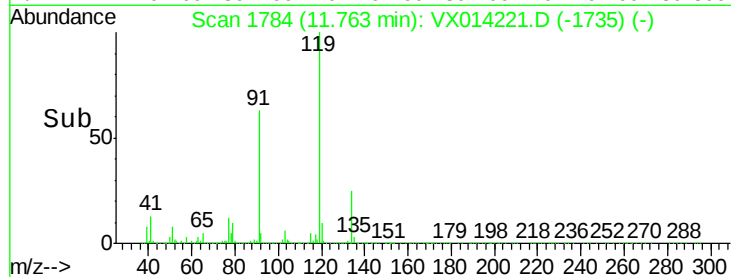
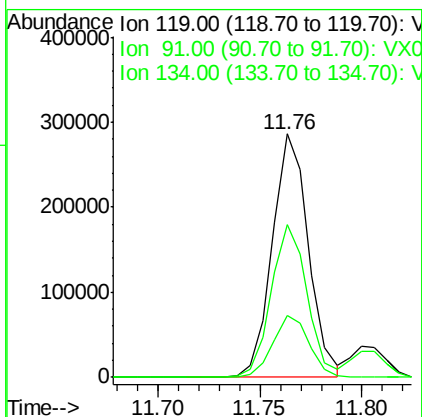
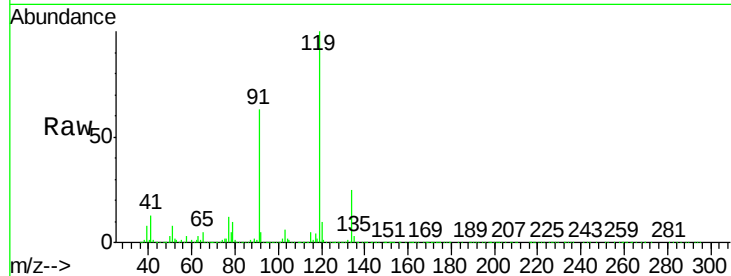




#83
tert-Butylbenzene
Concen: 17.548 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

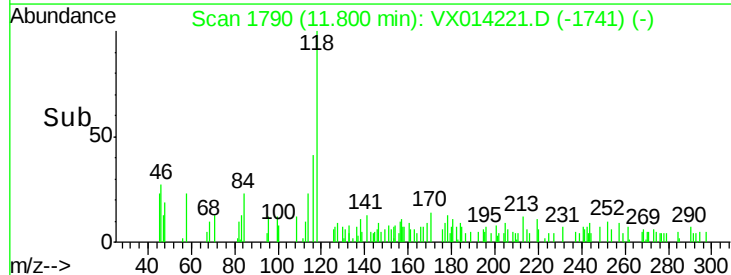
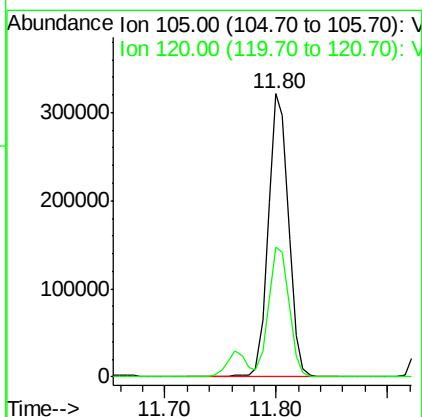
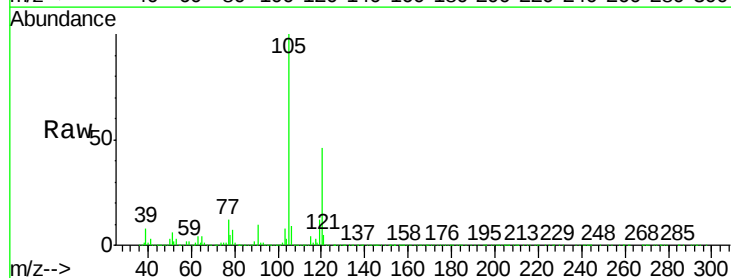
Instrument :
MSVOA_X
ClientSampleId :
VX1223MBSD02

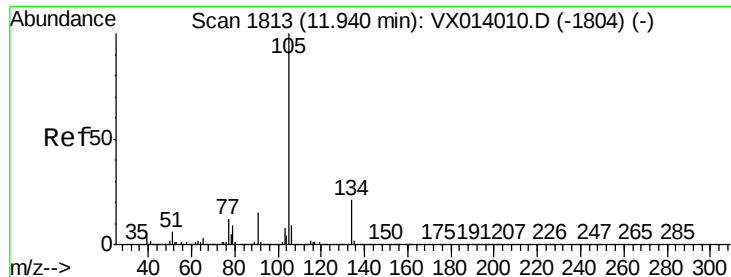
Tgt Ion	Ratio	Lower	Upper
119	100		
91	62.6	28.5	85.6
134	25.5	12.2	36.6



#84
1,2,4-Trimethylbenzene
Concen: 19.729 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.1	69.2

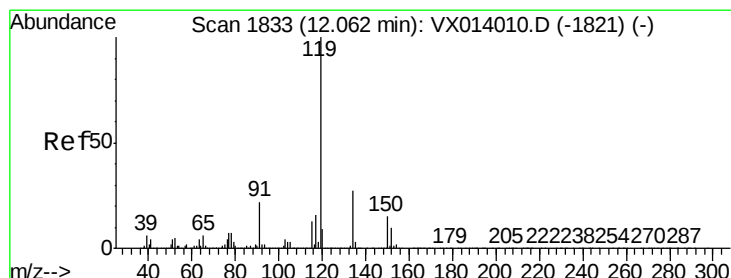
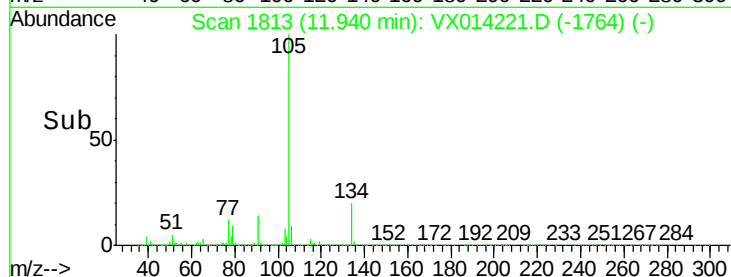
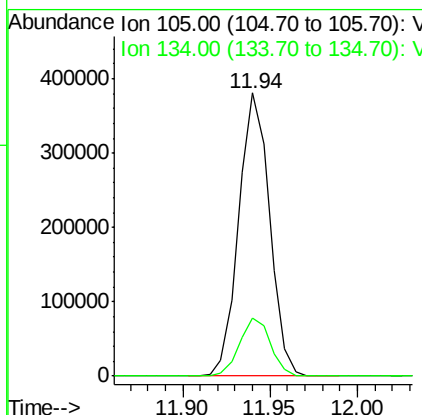
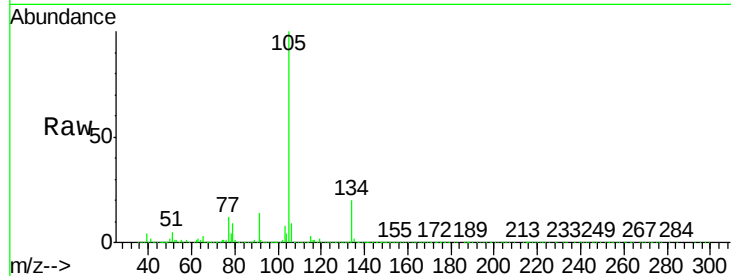




#85
 sec-Butylbenzene
 Concen: 19.777 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014221.D
 Acq: 23 Dec 2019 23:45

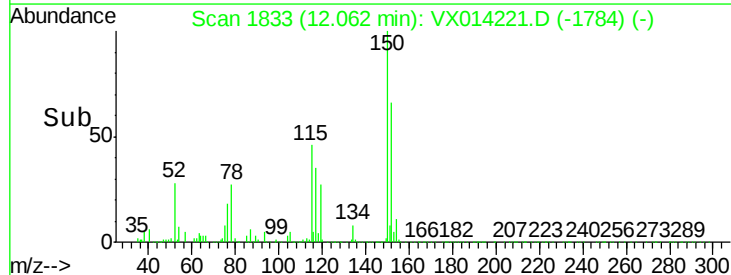
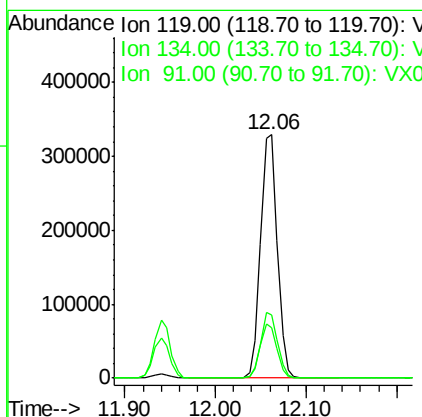
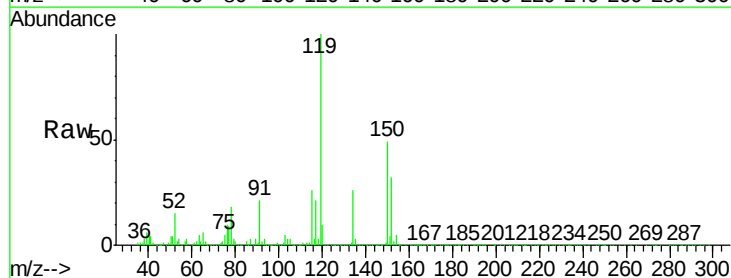
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223MBS02

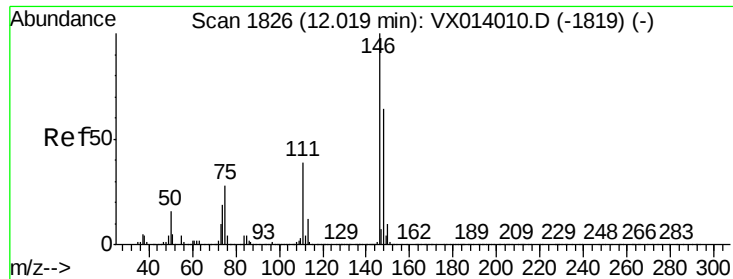
Tgt Ion:105 Resp: 468368
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 19.551 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX014221.D
 Acq: 23 Dec 2019 23:45

Tgt Ion:119 Resp: 423545
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.4 40.1
 91 22.1 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 18.806 ug/l

RT: 12.02 min Scan# 1826

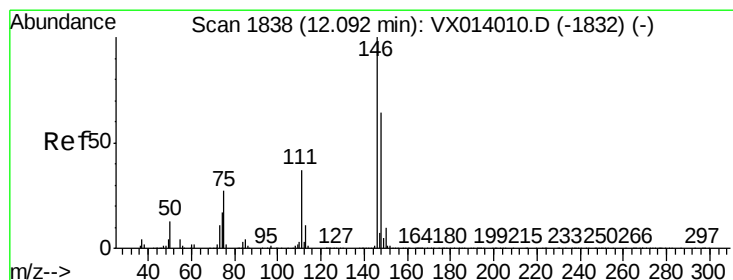
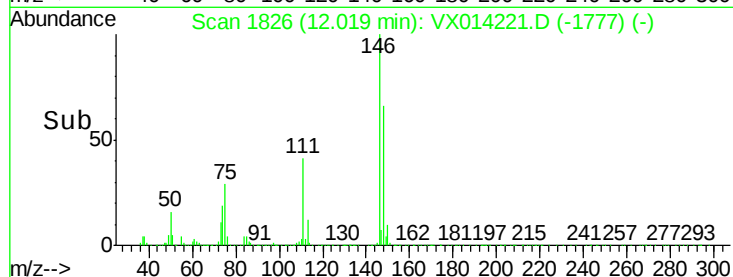
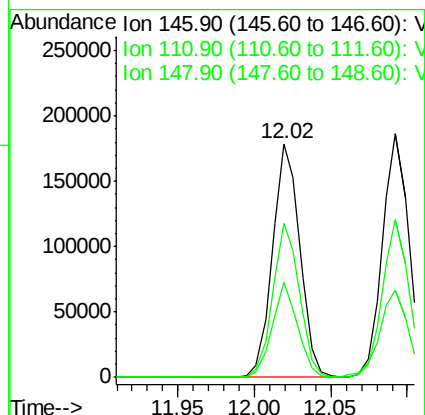
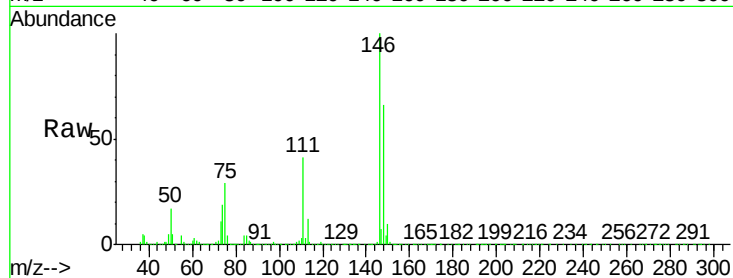
Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :
MSVOA_X
ClientSampleId :
VX1223MBS02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.1	57.1
148	64.2	32.3	96.9



#88

1,4-Dichlorobenzene

Concen: 18.643 ug/l

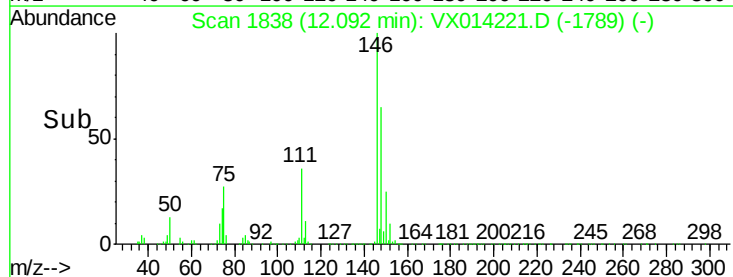
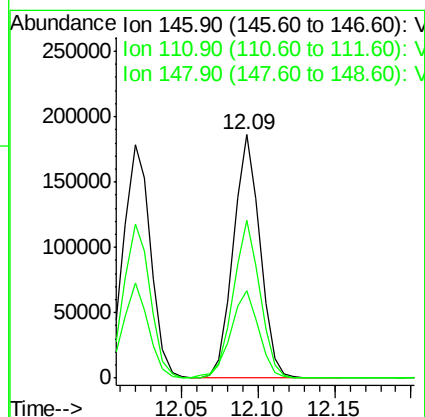
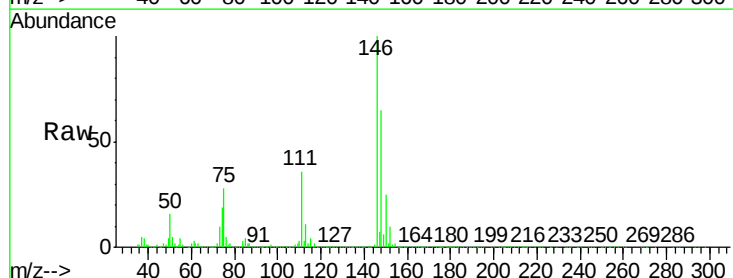
RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.7	56.1
148	64.6	31.9	95.9





#89

n-Butylbenzene

Concen: 18.813 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1223MBSD02

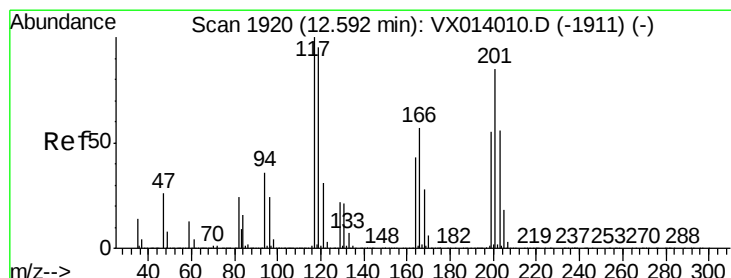
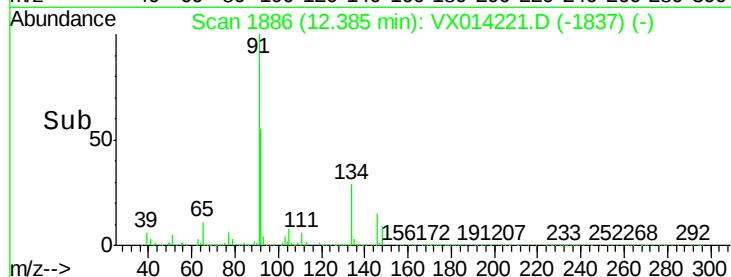
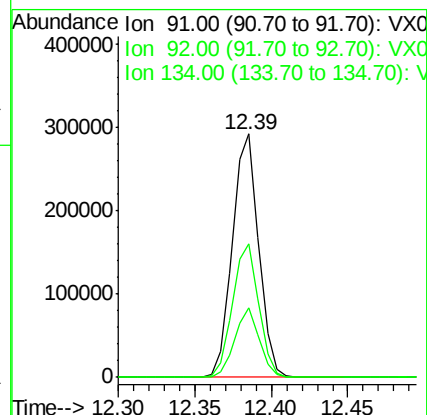
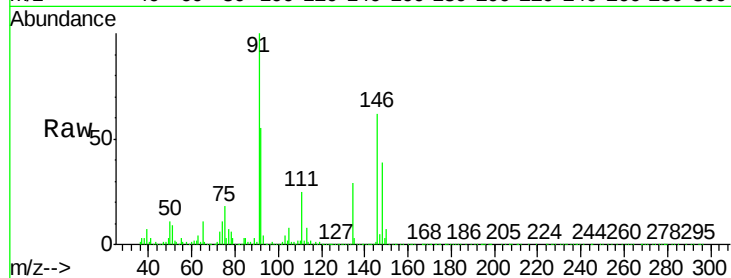
Tgt Ion: 91 Resp: 347763

Ion Ratio Lower Upper

91 100

92 54.8 27.2 81.6

134 27.1 13.4 40.1



#90

Hexachloroethane

Concen: 18.114 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014221.D

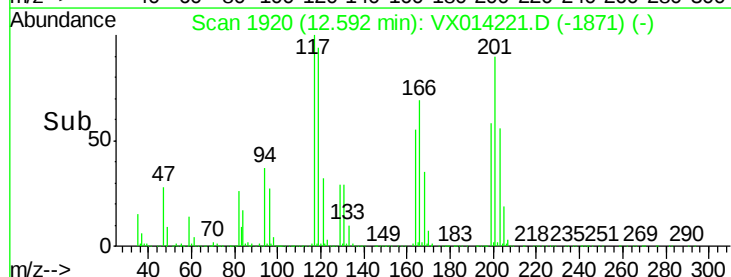
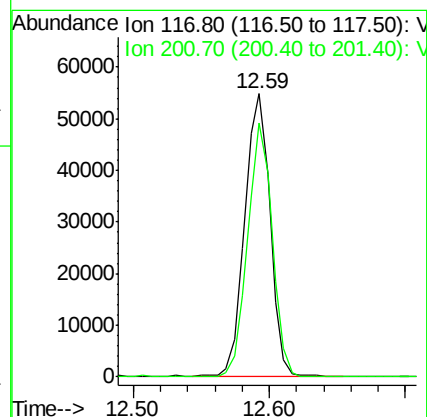
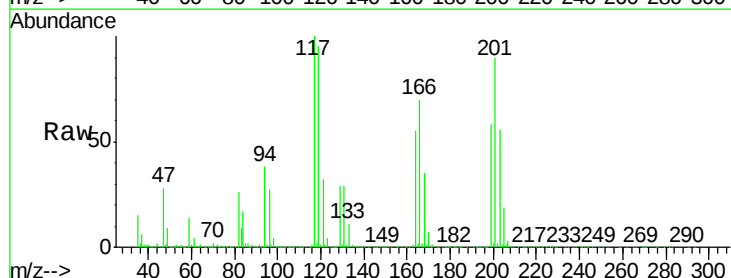
Acq: 23 Dec 2019 23:45

Tgt Ion: 117 Resp: 70483

Ion Ratio Lower Upper

117 100

201 87.9 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 19.051 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

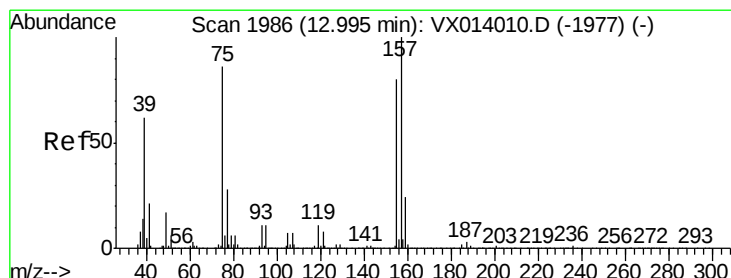
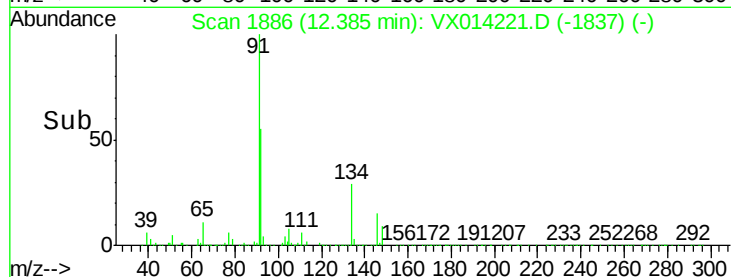
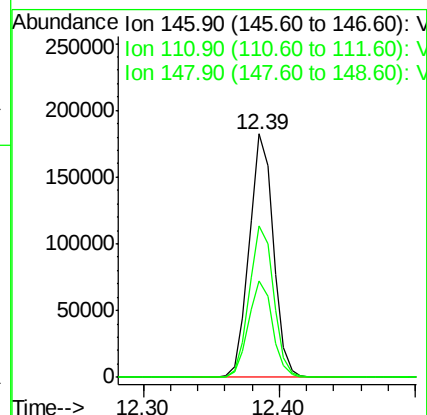
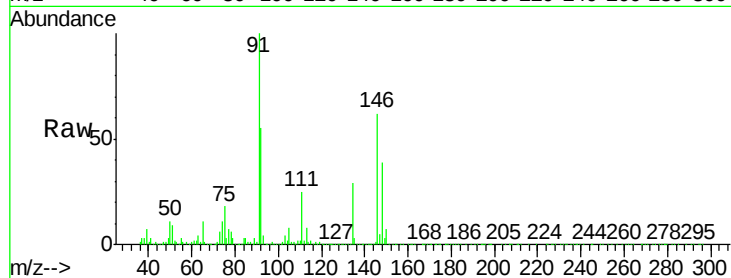
Instrument :

MSVOA_X

ClientSampleId :

VX1223MBS02

Tgt Ion:	146	Resp:	226521
Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.7	59.1
148	63.2	32.1	96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.400 ug/l

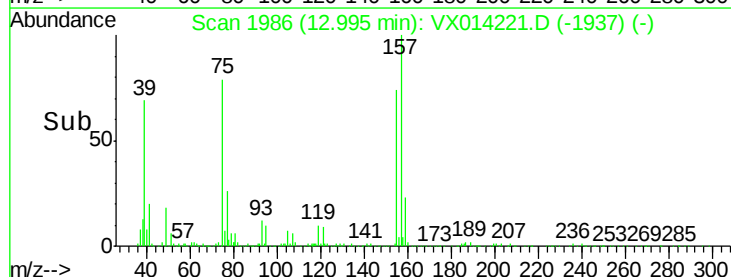
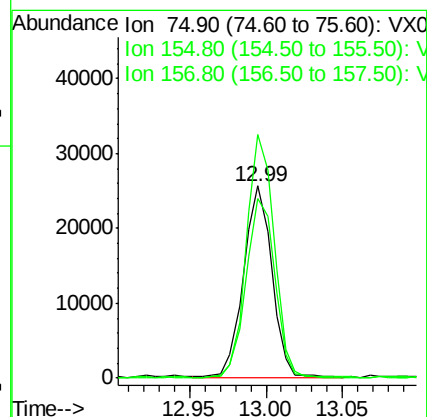
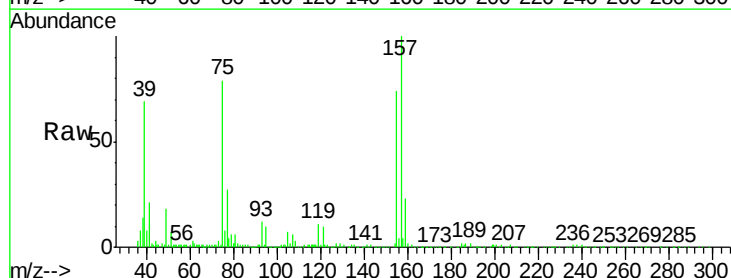
RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Tgt Ion:	75	Resp:	32699
Ion	Ratio	Lower	Upper
75	100		
155	96.4	46.9	140.6
157	125.7	60.8	182.4

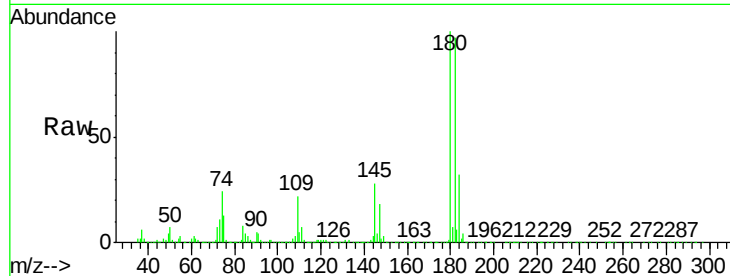




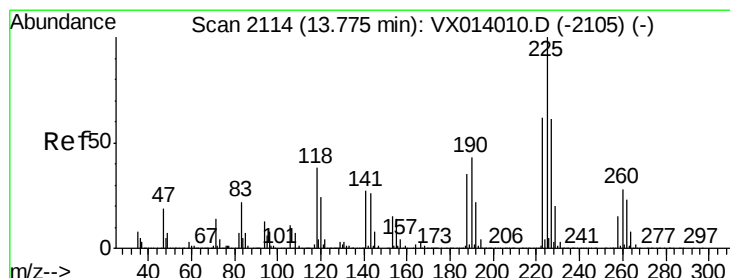
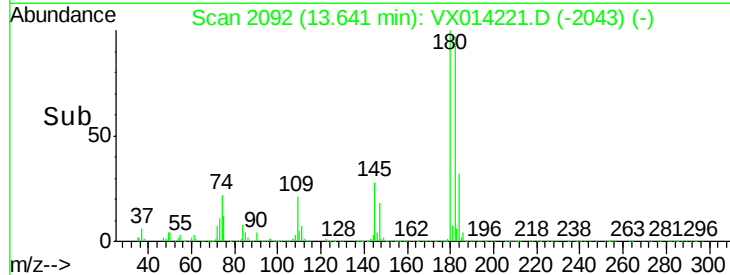
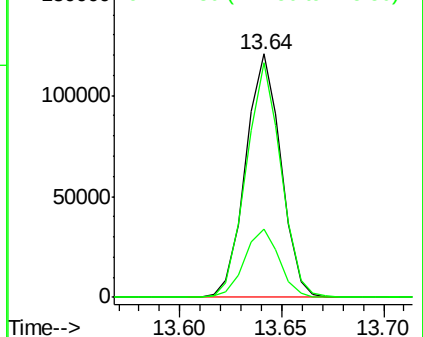
#93
 1,2,4-Trichlorobenzene
 Concen: 18.712 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014221.D
 Acq: 23 Dec 2019 23:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223MBSD02

Tgt Ion:180 Resp: 144610
 Ion Ratio Lower Upper
 180 100
 182 96.0 46.6 139.8
 145 28.1 14.2 42.6

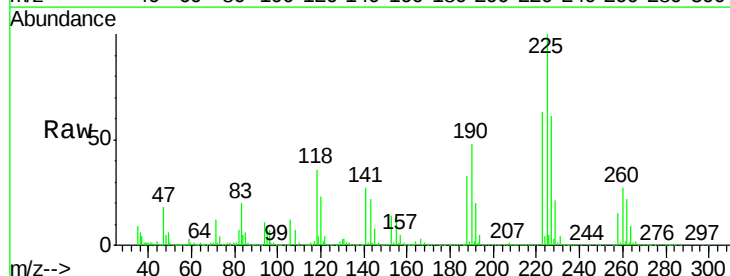


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

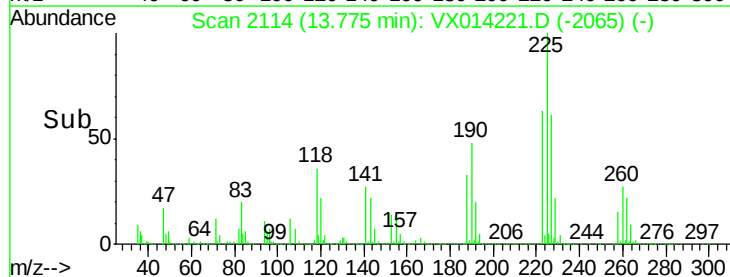
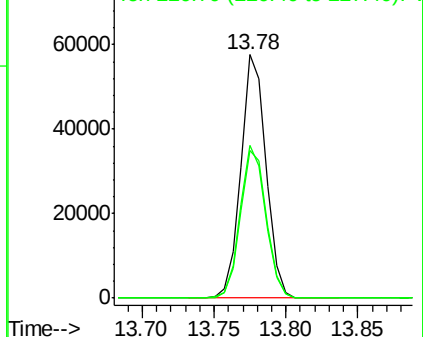


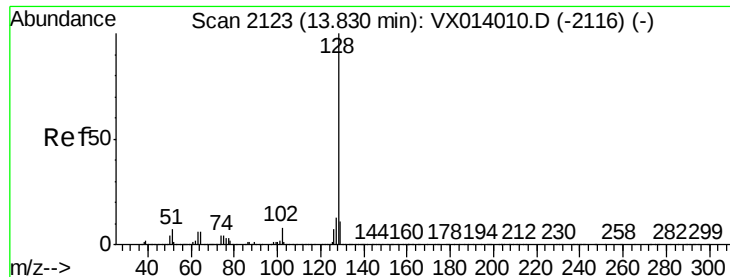
#94
 Hexachlorobutadiene
 Concen: 18.759 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014221.D
 Acq: 23 Dec 2019 23:45

Tgt Ion:225 Resp: 69673
 Ion Ratio Lower Upper
 225 100
 223 63.6 30.9 92.5
 227 63.4 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

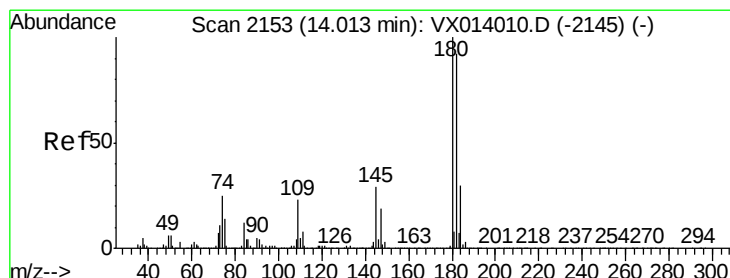
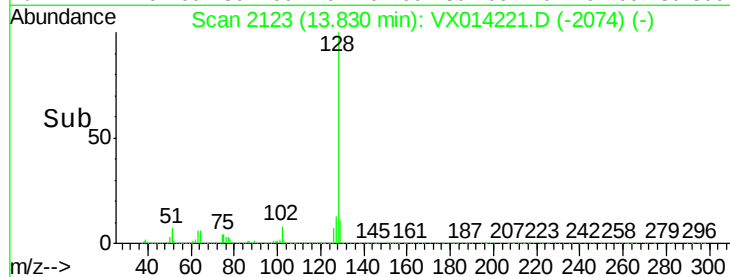
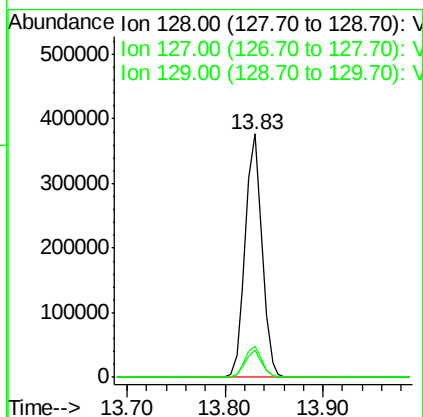
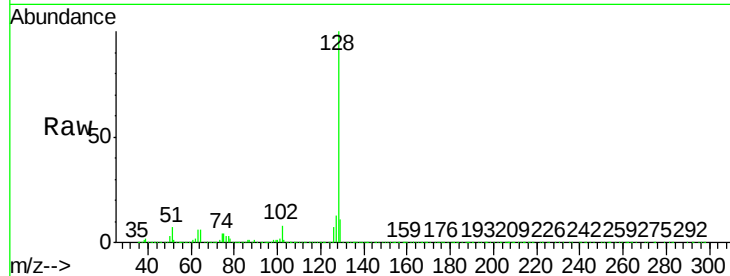




#95
Naphthalene
Concen: 19.937 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Instrument :
MSVOA_X
ClientSampleId :
VX1223MBS02

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.1	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.383 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	46.8	140.3
145	30.1	14.8	44.4

