

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX123019\
 Data File : VX014351.D
 Acq On : 30 Dec 2019 14:13
 Operator : JC/SP
 Sample : VX1230WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1230WBSD02

Quant Time: Dec 31 01:17:06 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	457186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	692318	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	626237	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	306093	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	279843	54.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.02%	
35) Dibromofluoromethane	5.48	113	230105	54.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.36%	
50) Toluene-d8	8.71	98	877814	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	
62) 4-Bromofluorobenzene	11.13	95	312324	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	67035	16.389	ug/l	95
3) Chloromethane	1.32	50	97558	17.773	ug/l	99
4) Vinyl Chloride	1.40	62	99071	17.105	ug/l	100
5) Bromomethane	1.63	94	64980	15.807	ug/l	98
6) Chloroethane	1.72	64	68338	19.117	ug/l	96
7) Trichlorofluoromethane	1.92	101	130754	18.237	ug/l	99
8) Diethyl Ether	2.18	74	64170	19.070	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	82769	19.151	ug/l	98
10) Methyl Iodide	2.50	142	87899	17.234	ug/l	99
11) Tert butyl alcohol	3.02	59	112750	100.704	ug/l	99
12) 1,1-Dichloroethene	2.37	96	78559	17.863	ug/l	95
13) Acrolein	2.28	56	56095	87.525	ug/l	98
14) Allyl chloride	2.72	41	154151	19.631	ug/l	99
15) Acrylonitrile	3.12	53	275745	105.517	ug/l	98
16) Acetone	2.43	43	247735	73.644	ug/l	98
17) Carbon Disulfide	2.56	76	195415	16.516	ug/l	99
18) Methyl Acetate	2.76	43	141476	21.224	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	294528	20.381	ug/l	97
20) Methylene Chloride	2.85	84	102414	19.333	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	88840	18.336	ug/l	97
22) Diisopropyl ether	3.84	45	327873	20.954	ug/l	91
23) Vinyl Acetate	3.80	43	1399150	109.572	ug/l	98
24) 1,1-Dichloroethane	3.69	63	167395	19.228	ug/l	98
25) 2-Butanone	4.65	43	382435	92.212	ug/l	98
26) 2,2-Dichloropropane	4.57	77	128869	19.066	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	104039	18.987	ug/l	99
28) Bromochloromethane	5.00	49	74205	22.416	ug/l	97
29) Tetrahydrofuran	5.11	42	242993	104.751	ug/l	98
30) Chloroform	5.20	83	168105	20.370	ug/l	98
31) Cyclohexane	5.57	56	144035	18.602	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	131670	18.720	ug/l	99
36) 1,1-Dichloropropene	5.78	75	118612	18.672	ug/l	100
37) Ethyl Acetate	4.81	43	148024	21.101	ug/l	100
38) Carbon Tetrachloride	5.77	117	108063	18.673	ug/l	94

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	144588	18.434	ug/l	97
40) Benzene	6.13	78	384389	19.666	ug/l	99
41) Methacrylonitrile	5.02	41	80059	20.569	ug/l	98
42) 1,2-Dichloroethane	6.18	62	133191	20.103	ug/l	99
43) Isopropyl Acetate	6.43	43	242829	20.917	ug/l	99
44) Trichloroethene	7.20	130	102365	18.961	ug/l	97
45) 1,2-Dichloropropane	7.50	63	103934	20.746	ug/l	92
46) Dibromomethane	7.65	93	67161	20.277	ug/l	95
47) Bromodichloromethane	7.89	83	126081	20.212	ug/l	98
48) Methyl methacrylate	7.76	41	114179	20.085	ug/l	99
49) 1,4-Dioxane	7.73	88	48191	416.569	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	758872	104.086	ug/l	99
52) Toluene	8.78	92	236264	19.124	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	138794	20.292	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	155200	20.367	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	100848	20.367	ug/l	97
56) Ethyl methacrylate	9.17	69	155276	19.964	ug/l	99
57) 1,3-Dichloropropane	9.36	76	172831	20.746	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	305829	103.902	ug/l	100
59) 2-Hexanone	9.48	43	573631	97.737	ug/l	99
60) Dibromochloromethane	9.57	129	100143	20.347	ug/l	99
61) 1,2-Dibromoethane	9.67	107	103270	20.385	ug/l	99
64) Tetrachloroethene	9.33	164	103252	18.633	ug/l	97
65) Chlorobenzene	10.13	112	256167	19.239	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	95296	20.044	ug/l	100
67) Ethyl Benzene	10.25	91	444872	19.433	ug/l	99
68) m/p-Xylenes	10.35	106	334992	38.047	ug/l	98
69) o-Xylene	10.69	106	163123	18.890	ug/l	98
70) Styrene	10.71	104	277912	19.033	ug/l	99
71) Bromoform	10.85	173	75680	19.803	ug/l #	99
73) Isopropylbenzene	11.01	105	439415	20.389	ug/l	99
74) N-amyl acetate	10.89	43	199175	19.716	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	153685	20.569	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	170382	25.640	ug/l	91
77) Bromobenzene	11.25	156	115592	19.494	ug/l	99
78) n-propylbenzene	11.35	91	491072	20.314	ug/l	99
79) 2-Chlorotoluene	11.42	91	296685	20.190	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	363397	20.035	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	46895	19.918	ug/l	97
82) 4-Chlorotoluene	11.51	91	342424	20.089	ug/l	98
83) tert-Butylbenzene	11.76	119	353623	20.034	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	360281	19.835	ug/l	100
85) sec-Butylbenzene	11.94	105	422238	20.263	ug/l	99
86) p-Isopropyltoluene	12.06	119	385554	20.228	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	201075	19.349	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	201732	19.091	ug/l	99
89) n-Butylbenzene	12.39	91	324776	19.969	ug/l	99
90) Hexachloroethane	12.59	117	67615	19.750	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	201344	19.246	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	31235	18.891	ug/l	99

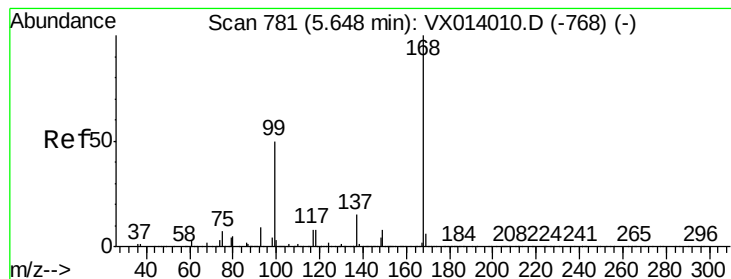
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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	130897	19.251	ug/l	98
94) Hexachlorobutadiene	13.78	225	63439	19.413	ug/l	97
95) Naphthalene	13.83	128	397217	19.884	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	133306	19.861	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

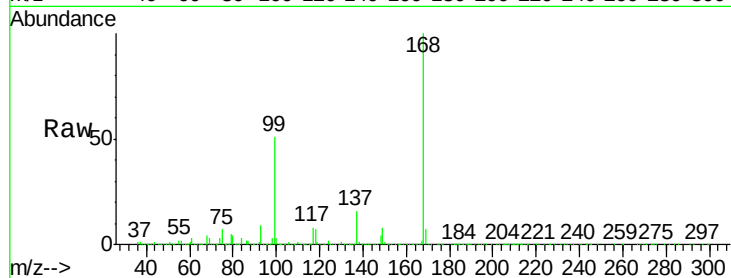
VX1230WBSD02

Tot Ion:168 Resp: 457186

Ion Ratio Lower Upper

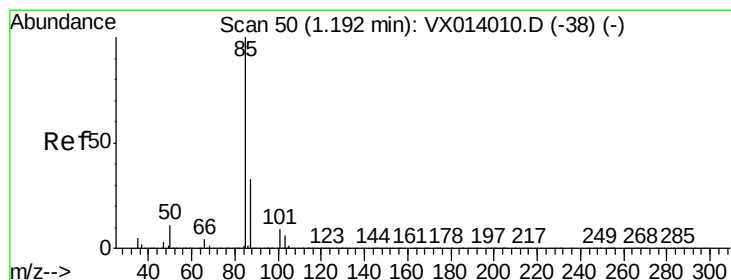
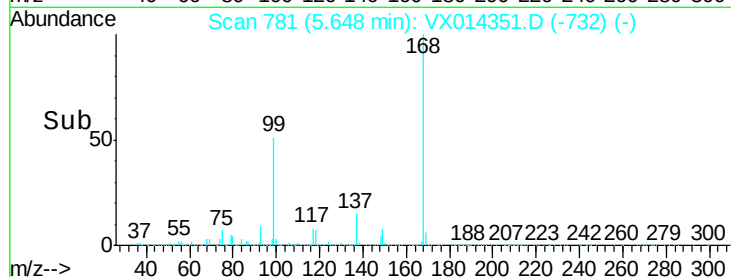
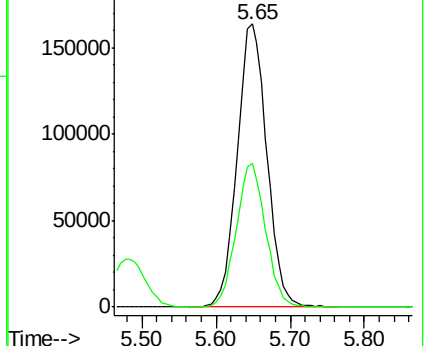
168 100

99 50.7 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 16.389 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014351.D

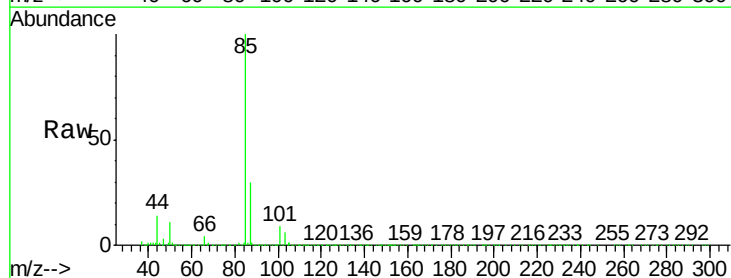
Acq: 30 Dec 2019 14:13

Tgt Ion: 85 Resp: 67035

Ion Ratio Lower Upper

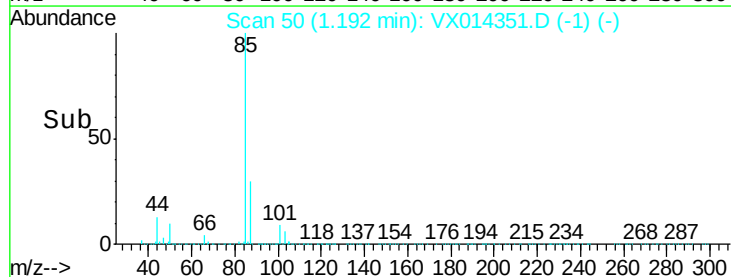
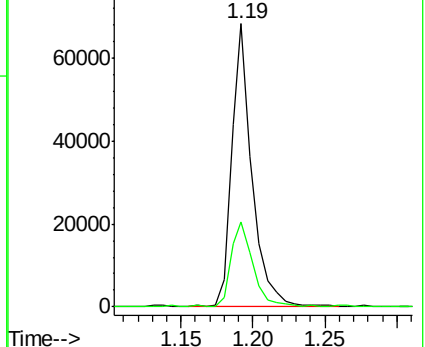
85 100

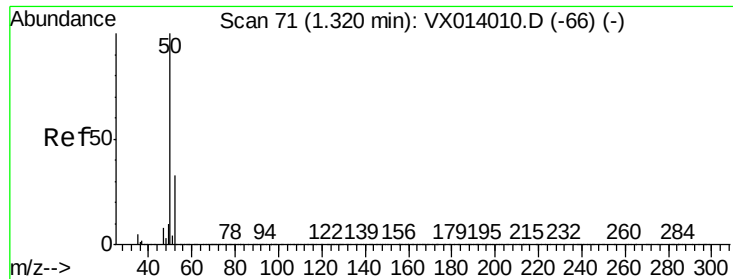
87 29.9 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.773 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

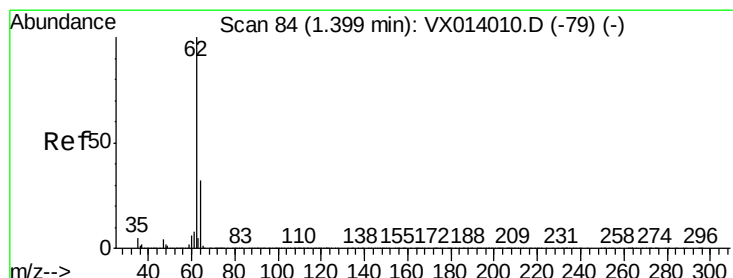
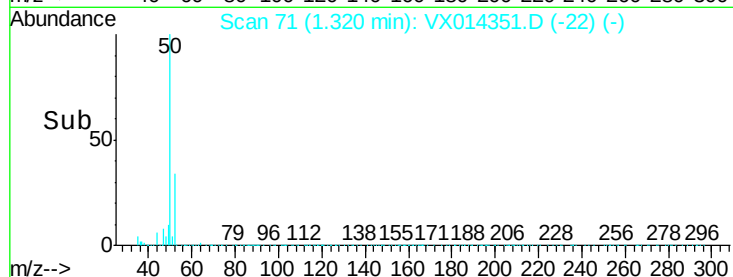
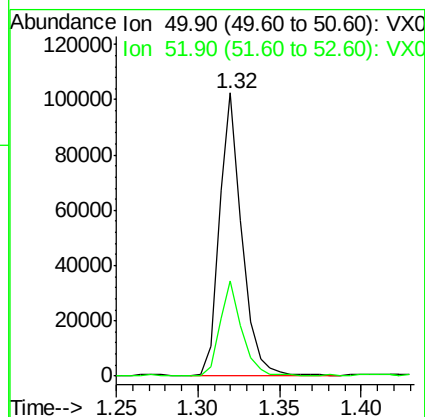
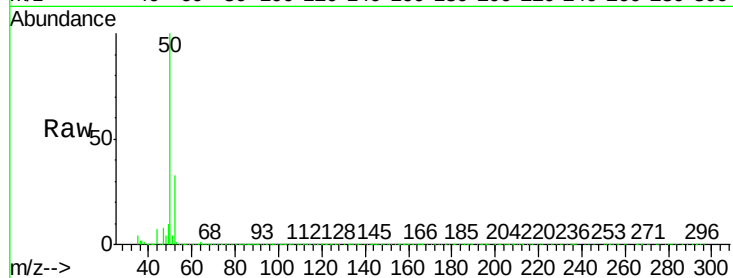
VX1230WBSD02

Tot Ion: 50 Resp: 97558

Ion Ratio Lower Upper

50 100

52 33.3 26.2 39.4



#4

Vinyl Chloride

Concen: 17.105 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014351.D

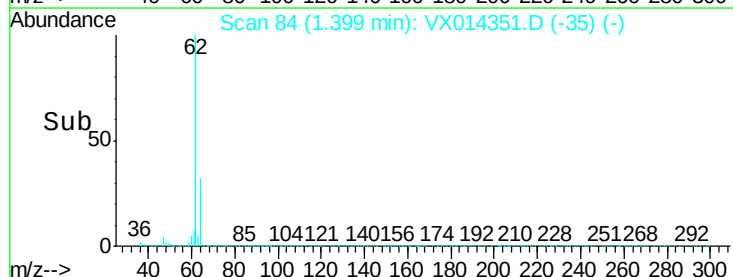
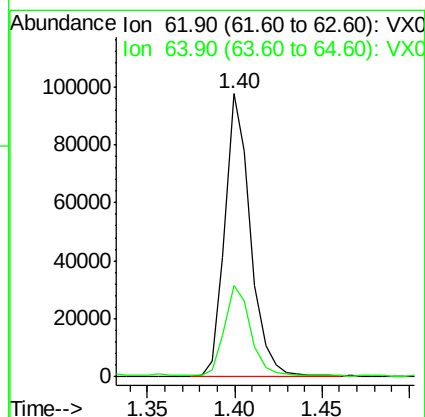
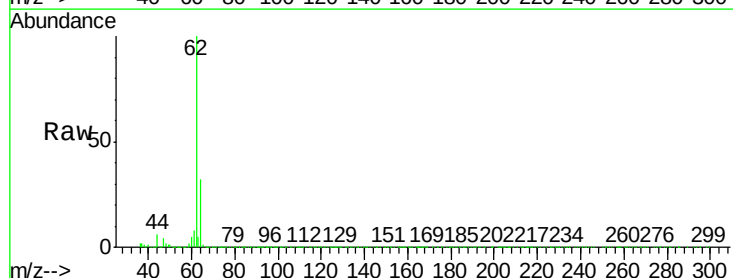
Acq: 30 Dec 2019 14:13

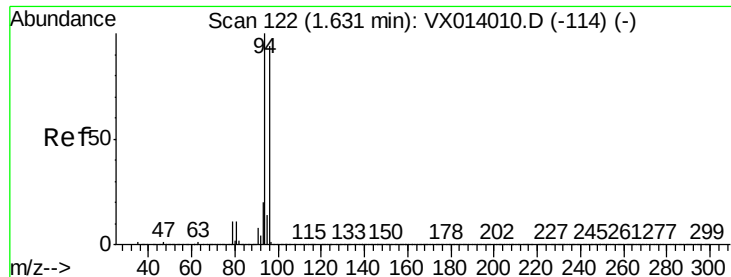
Tgt Ion: 62 Resp: 99071

Ion Ratio Lower Upper

62 100

64 31.9 25.7 38.5





#5

Bromomethane

Concen: 15.807 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

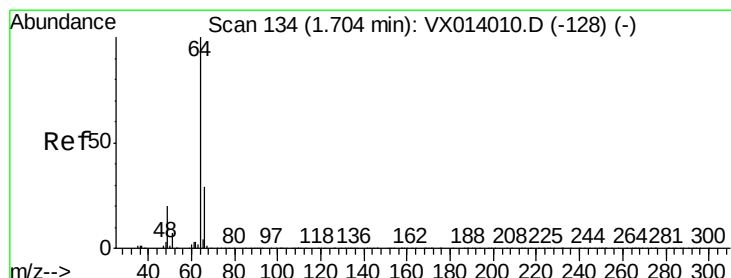
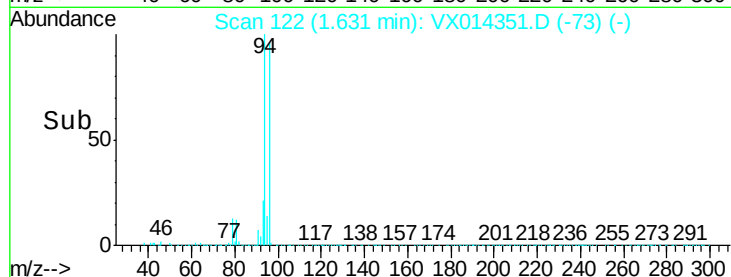
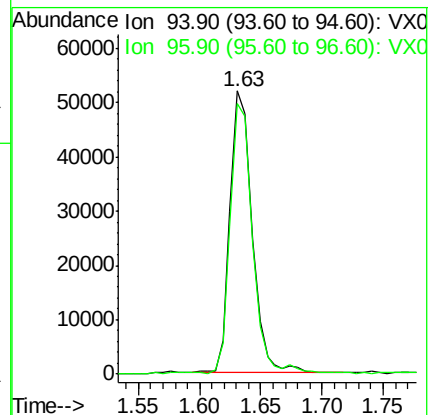
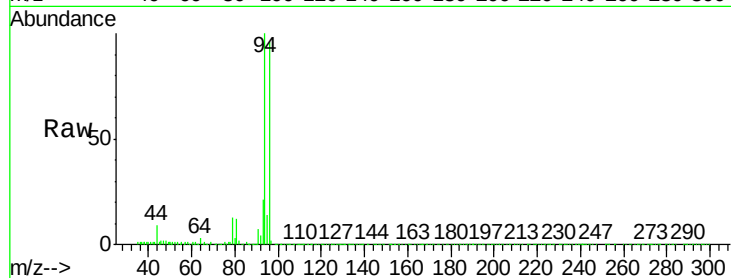
VX1230WBSD02

Tot Ion: 94 Resp: 64980

Ion Ratio Lower Upper

94 100

96 95.8 75.2 112.8



#6

Chloroethane

Concen: 19.117 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014351.D

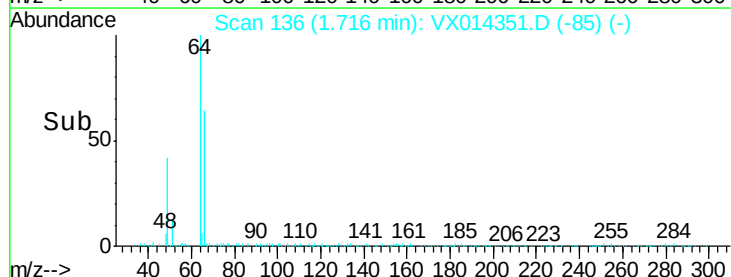
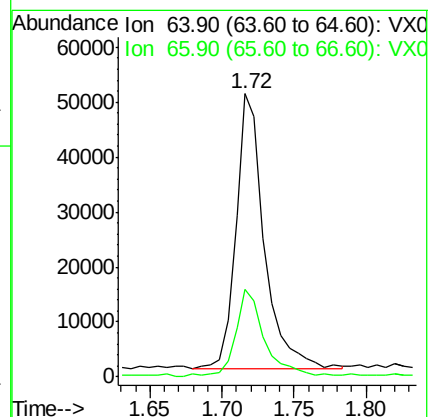
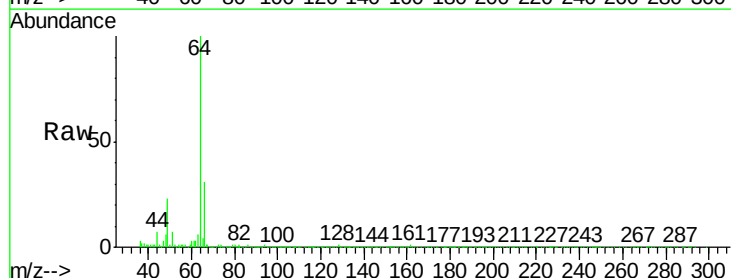
Acq: 30 Dec 2019 14:13

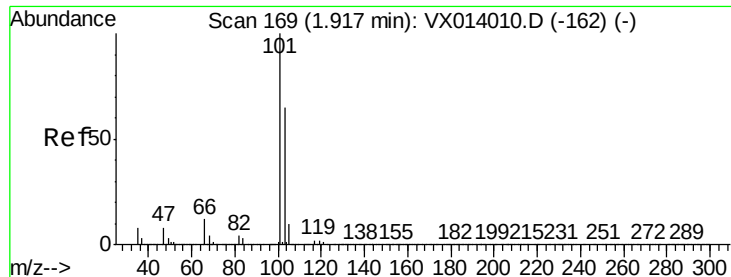
Tgt Ion: 64 Resp: 68338

Ion Ratio Lower Upper

64 100

66 31.4 23.4 35.2



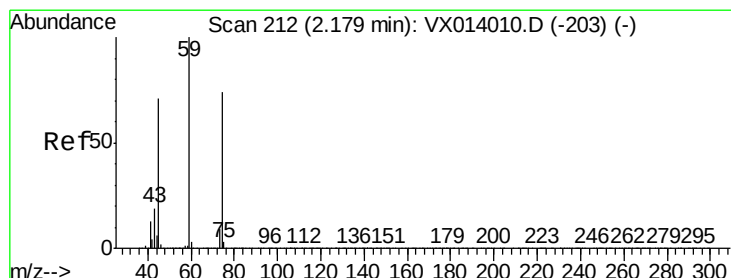
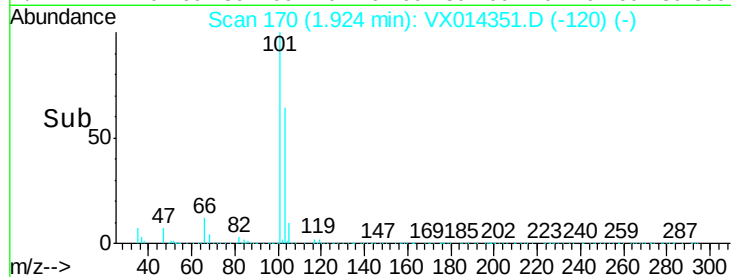
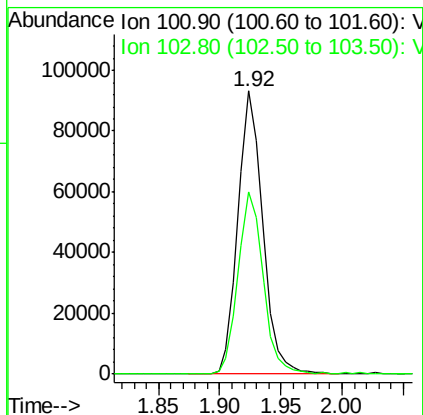
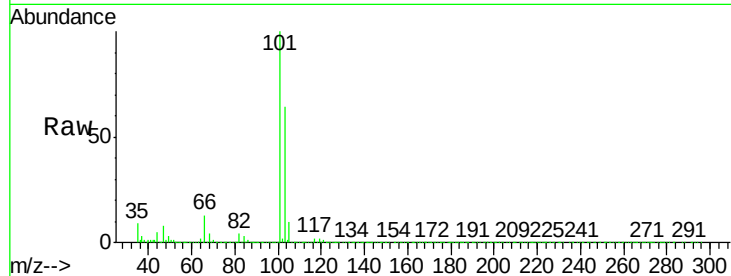


#7

Trichlorofluoromethane
Concen: 18.237 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBSD02

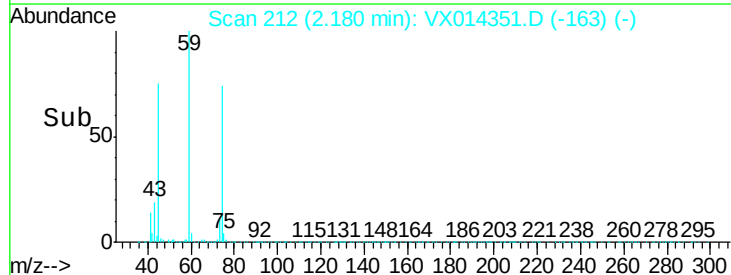
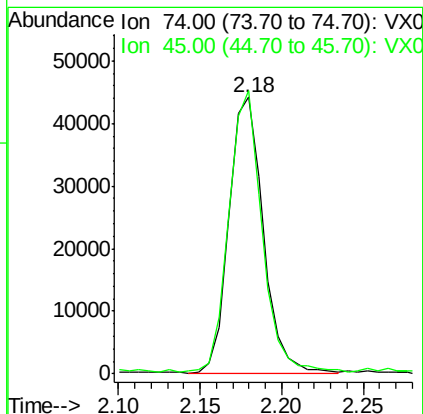
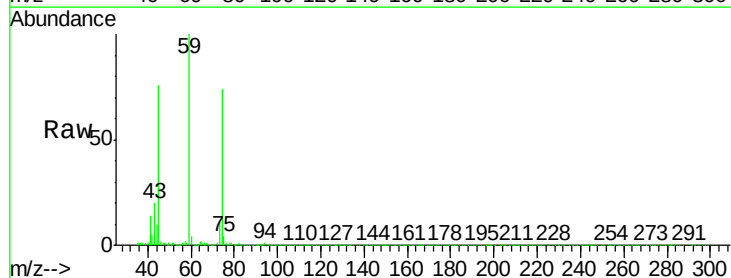
Tot Ion:101 Resp: 130754
Ion Ratio Lower Upper
101 100
103 64.4 52.2 78.4

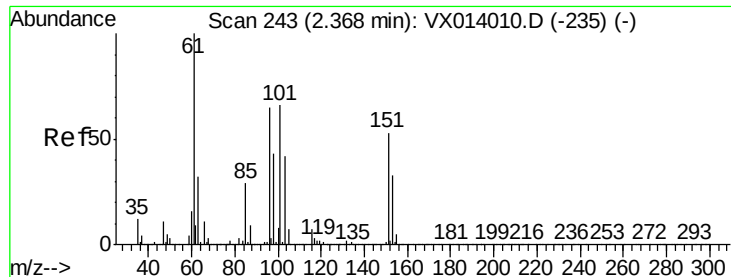


#8

Diethyl Ether
Concen: 19.070 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Tgt Ion: 74 Resp: 64170
Ion Ratio Lower Upper
74 100
45 98.3 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.151 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBSD02

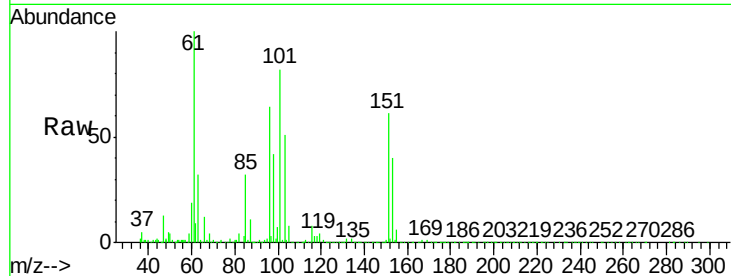
Tot Ion:101 Resp: 82769

Ion Ratio Lower Upper

101 100

85 40.0 33.7 50.5

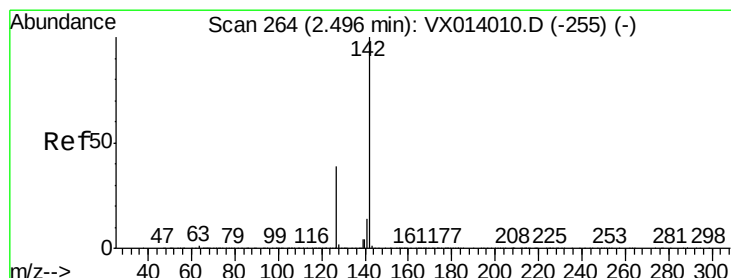
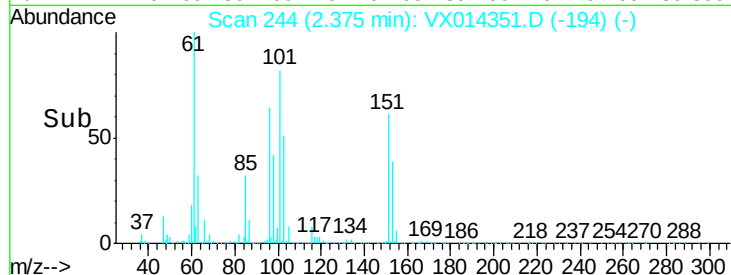
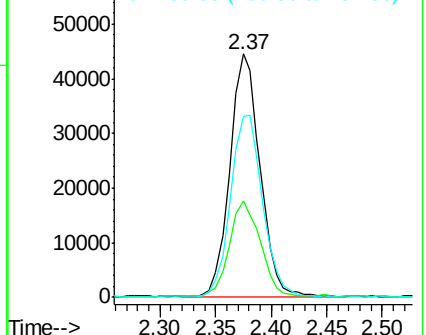
151 81.4 64.5 96.7



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: 17.234 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

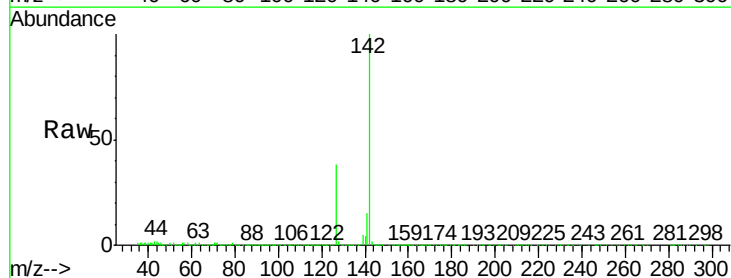
Tgt Ion:142 Resp: 87899

Ion Ratio Lower Upper

142 100

127 38.8 31.6 47.4

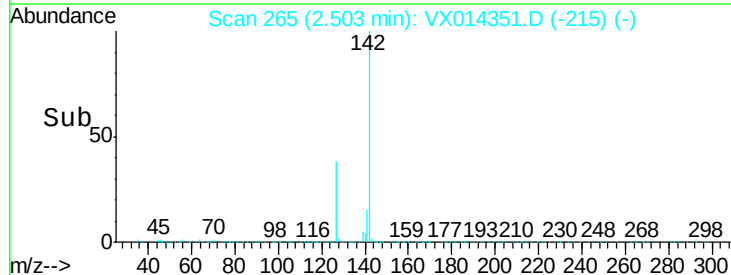
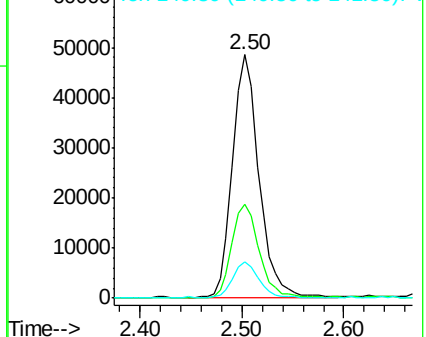
141 14.7 11.6 17.4

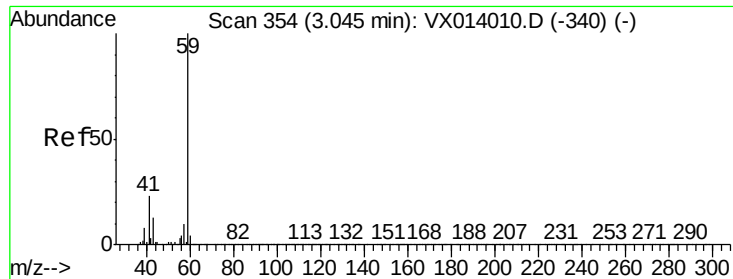


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



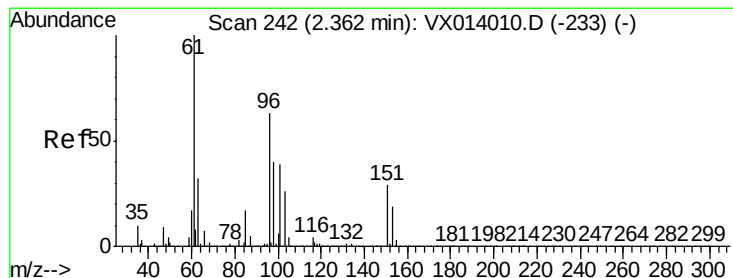
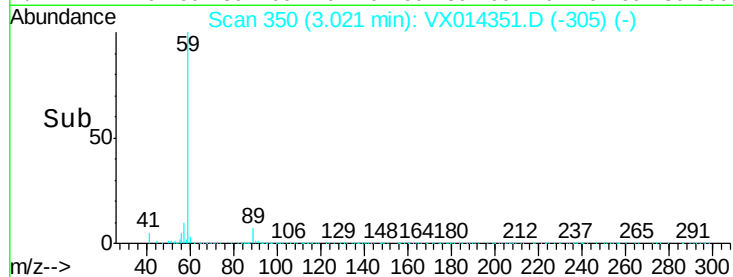
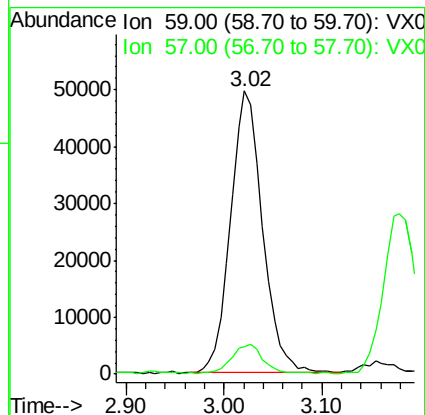
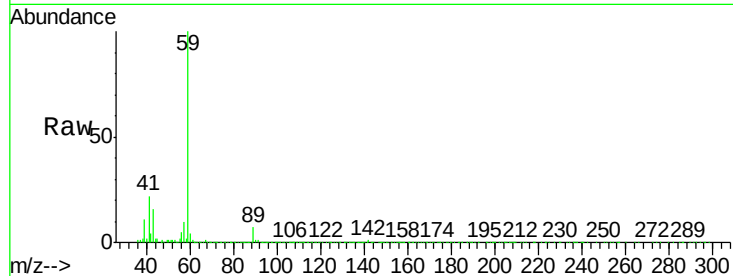


#11

Tert butyl alcohol
 Concen: 100.704 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.02 min
 Lab File: VX014351.D
 Acq: 30 Dec 2019 14:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1230WBSD02

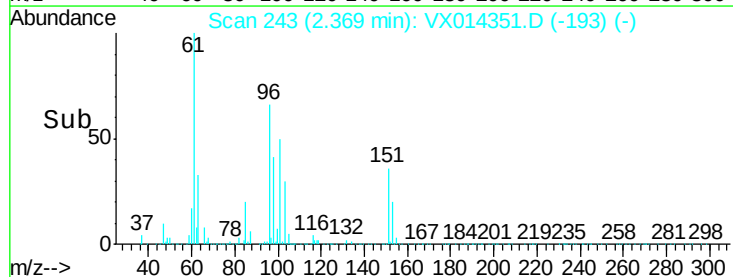
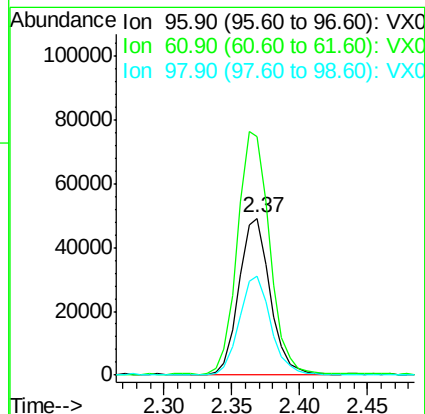
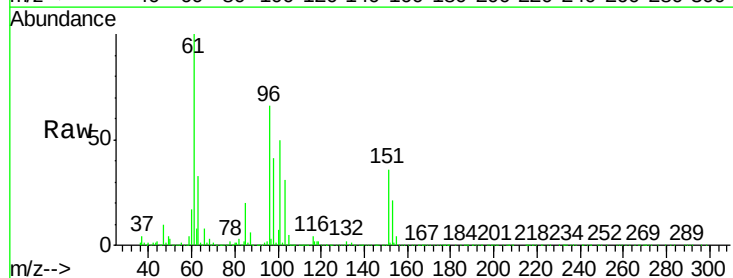
Tot Ion: 59 Resp: 112750
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.4 12.6

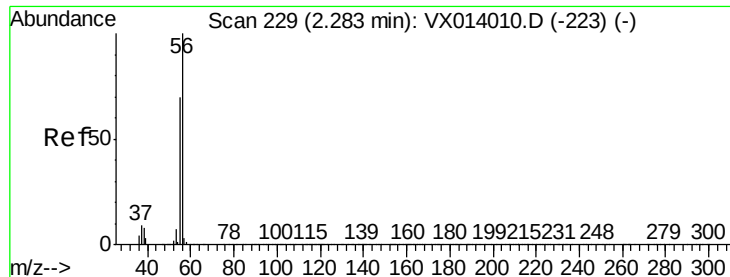


#12

1,1-Dichloroethene
 Concen: 17.863 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.01 min
 Lab File: VX014351.D
 Acq: 30 Dec 2019 14:13

Tgt Ion: 96 Resp: 78559
 Ion Ratio Lower Upper
 96 100
 61 151.5 127.9 191.9
 98 62.8 50.5 75.7





#13

Acrolein

Concen: 87.525 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

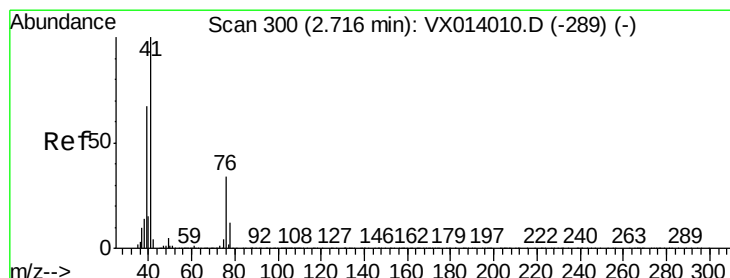
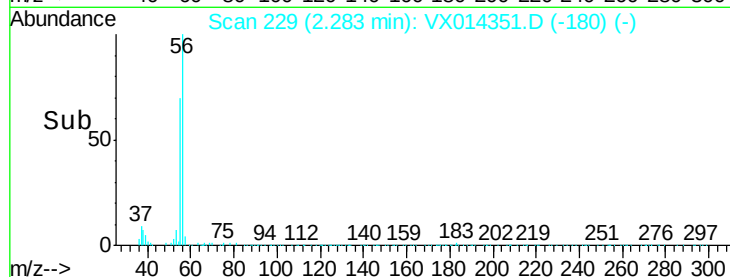
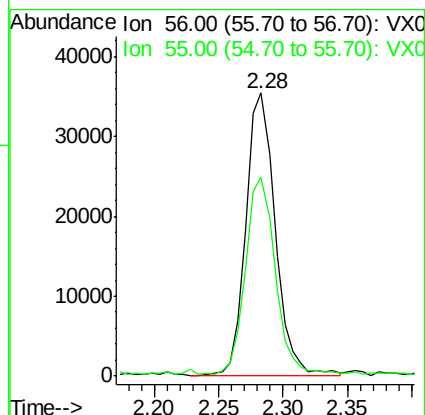
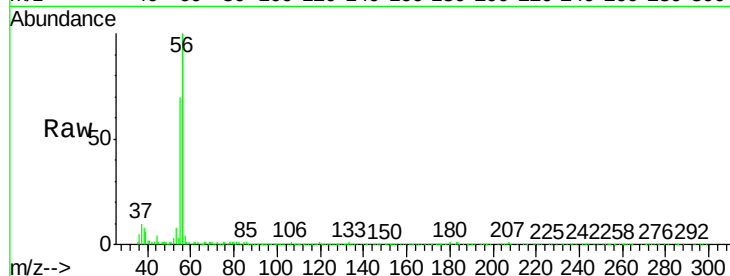
VX1230WBSD02

Tot Ion: 56 Resp: 56095

Ion Ratio Lower Upper

56 100

55 69.3 56.9 85.3



#14

Allyl chloride

Concen: 19.631 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

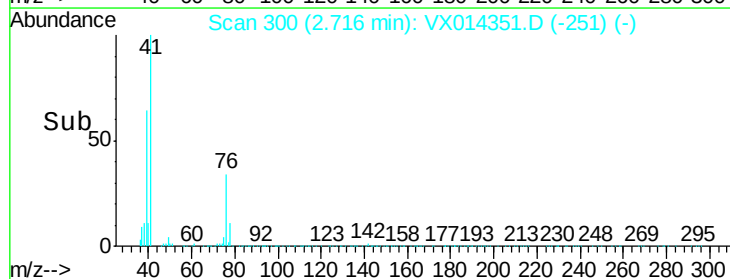
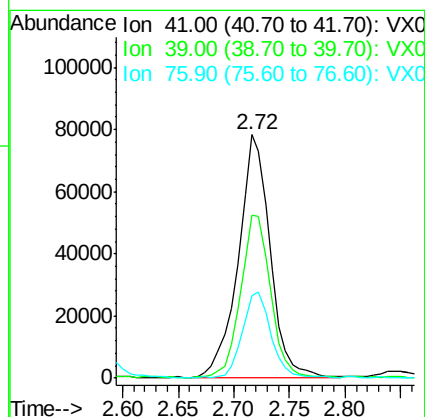
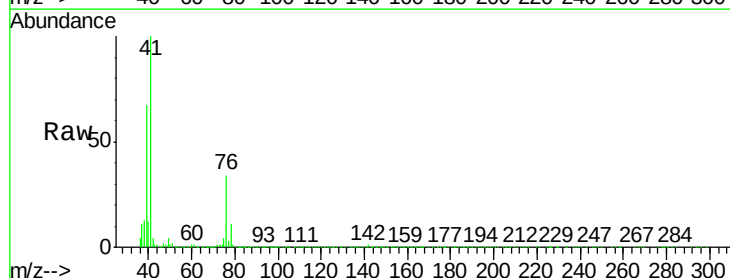
Tgt Ion: 41 Resp: 154151

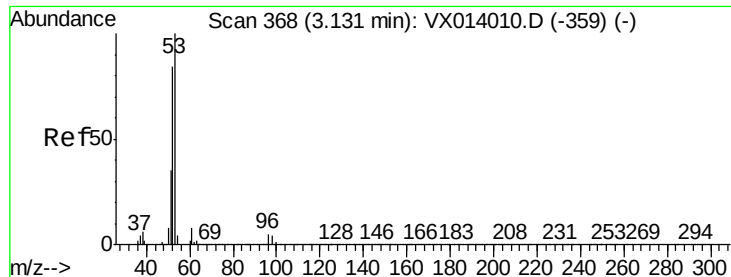
Ion Ratio Lower Upper

41 100

39 64.4 51.8 77.8

76 31.6 25.9 38.9





#15

Acrylonitrile

Concen: 105.517 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBSD02

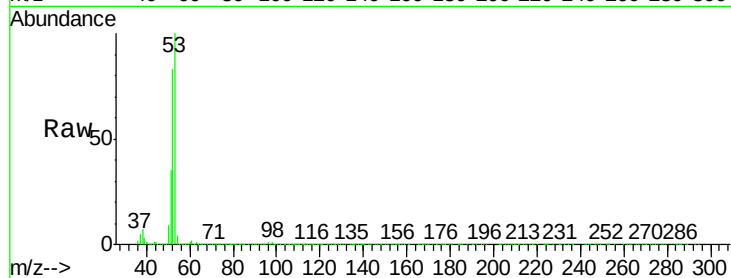
Tot Ion: 53 Resp: 275745

Ion Ratio Lower Upper

53 100

52 81.1 66.5 99.7

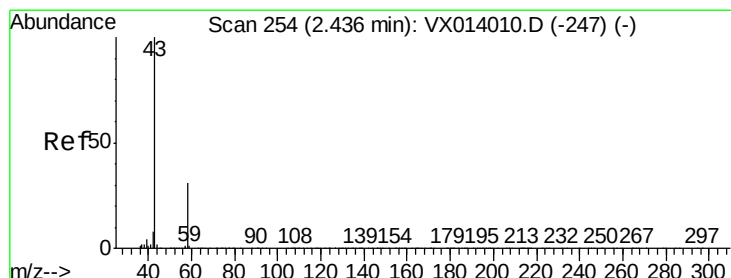
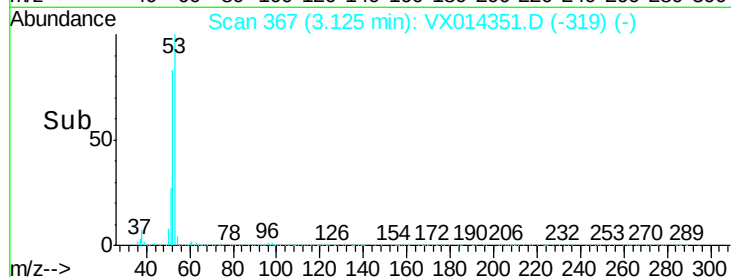
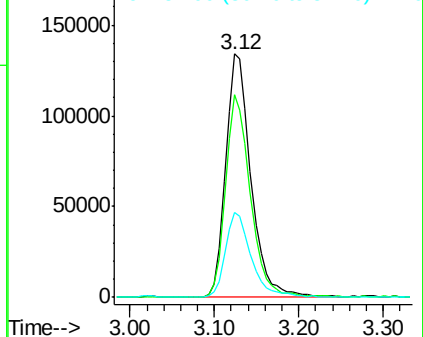
51 35.4 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 73.644 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014351.D

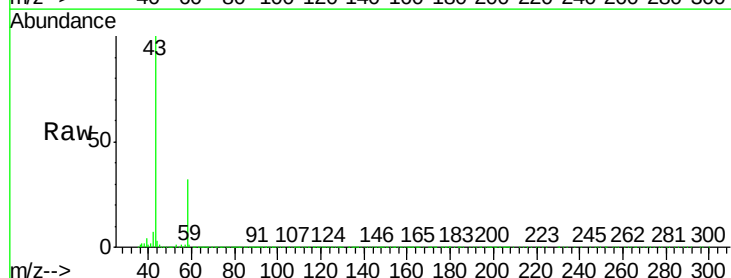
Acq: 30 Dec 2019 14:13

Tgt Ion: 43 Resp: 247735

Ion Ratio Lower Upper

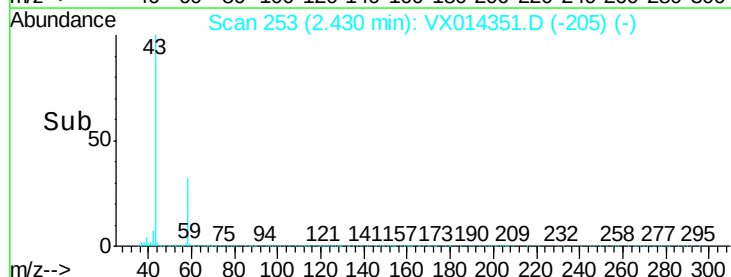
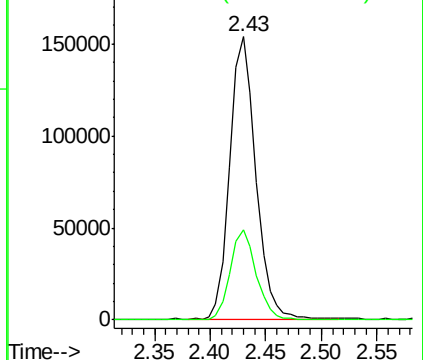
43 100

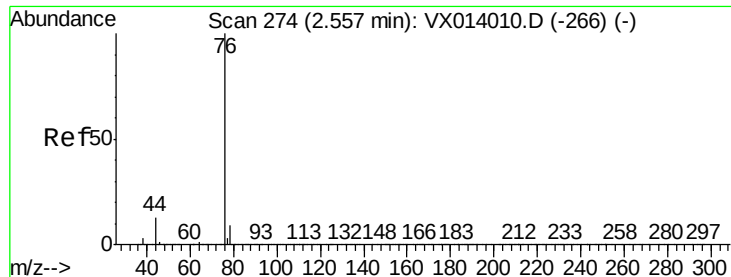
58 31.9 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.516 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

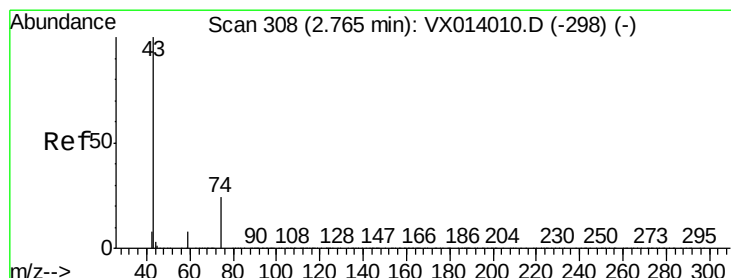
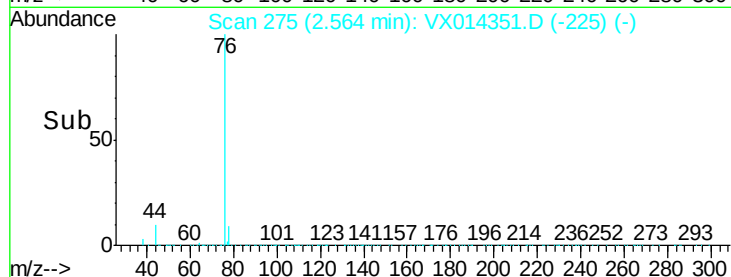
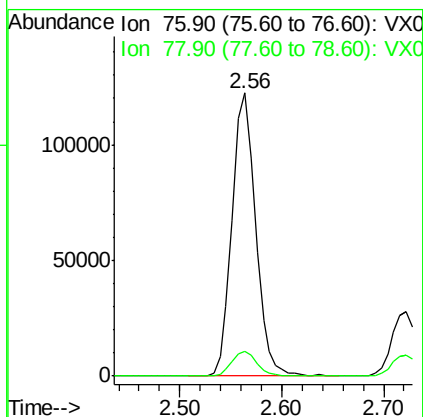
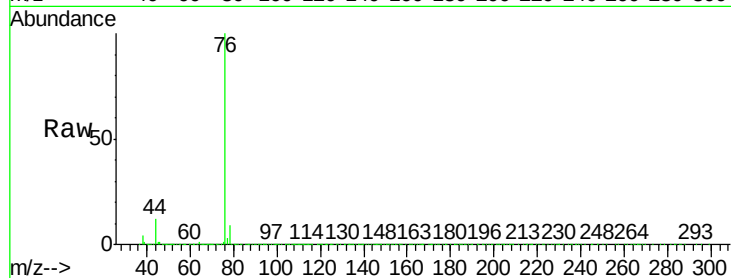
VX1230WBSD02

Tot Ion: 76 Resp: 195415

Ion Ratio Lower Upper

76 100

78 8.8 7.2 10.8



#18

Methyl Acetate

Concen: 21.224 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014351.D

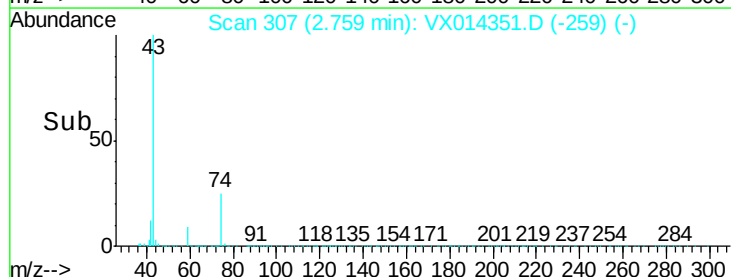
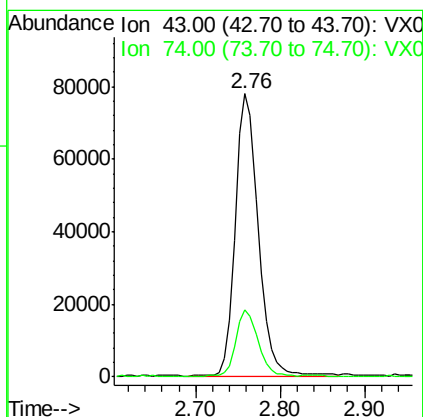
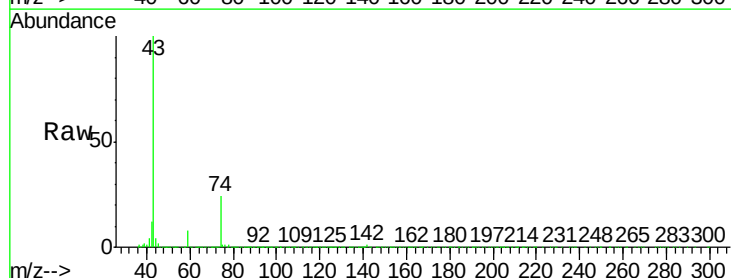
Acq: 30 Dec 2019 14:13

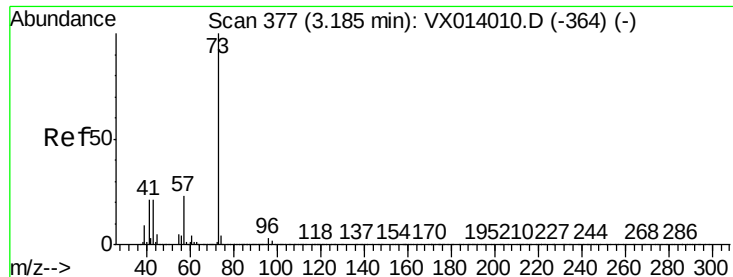
Tgt Ion: 43 Resp: 141476

Ion Ratio Lower Upper

43 100

74 23.1 19.5 29.3

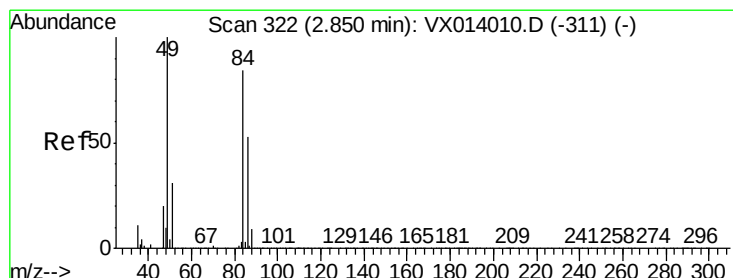
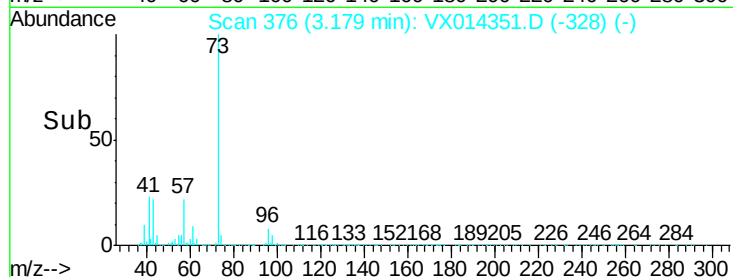
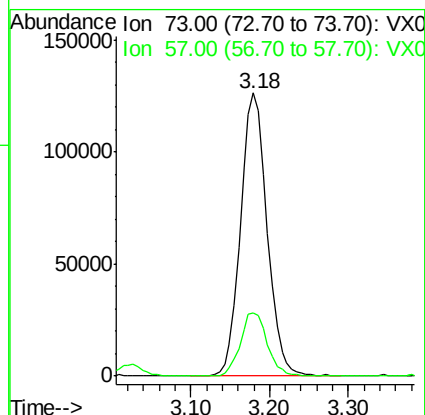
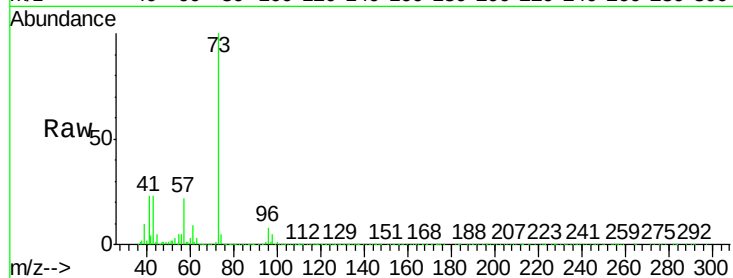




#19
Methyl tert-butyl Ether
Concen: 20.381 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

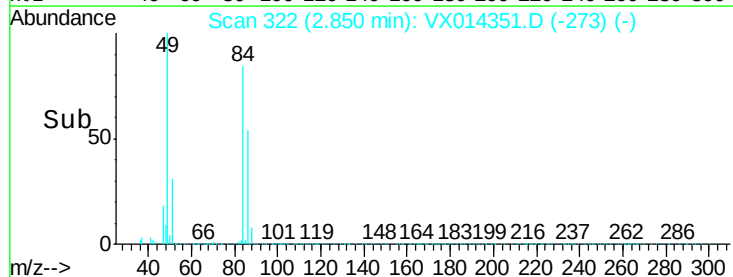
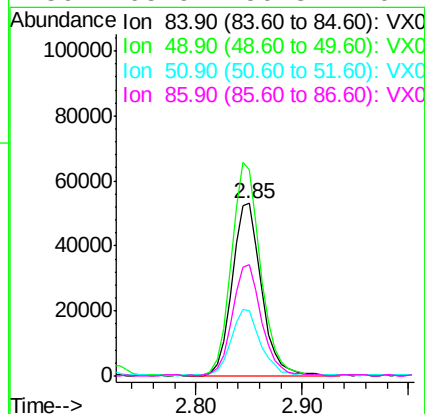
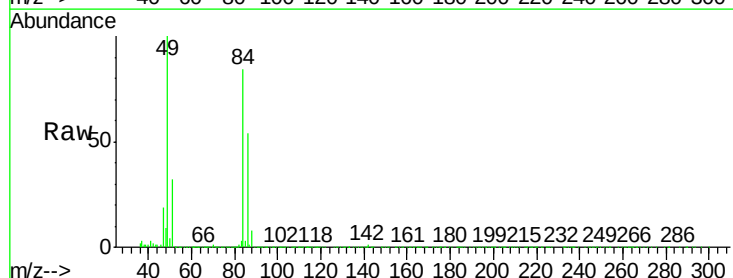
Instrument :
MSVOA_X
ClientSampleId :
VX1230WBSD02

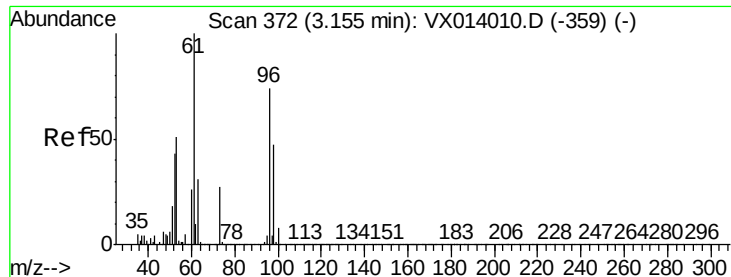
Tot Ion: 73 Resp: 294528
Ion Ratio Lower Upper
73 100
57 22.2 18.8 28.2



#20
Methylene Chloride
Concen: 19.333 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Tgt Ion: 84 Resp: 102414
Ion Ratio Lower Upper
84 100
49 119.0 95.8 143.6
51 37.2 29.8 44.8
86 63.9 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 18.336 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBSD02

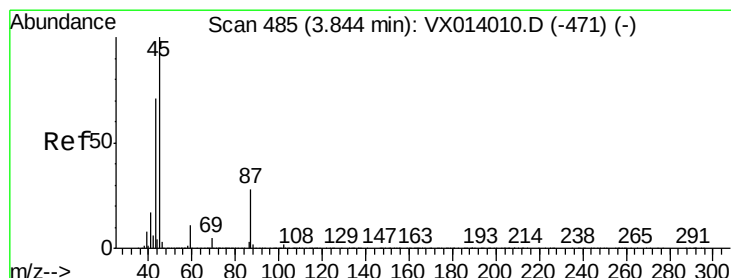
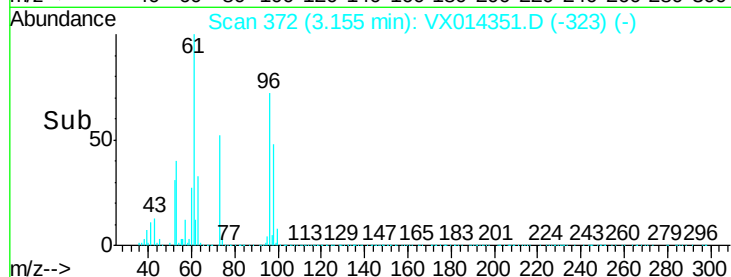
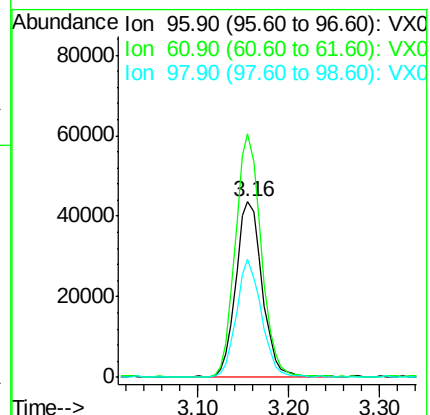
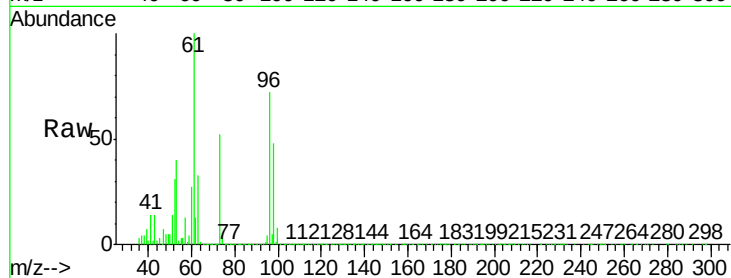
Tot Ion: 96 Resp: 88840

Ion Ratio Lower Upper

96 100

61 138.4 108.3 162.5

98 66.5 50.8 76.2



#22

Diisopropyl ether

Concen: 20.954 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Tgt Ion: 45 Resp: 327873

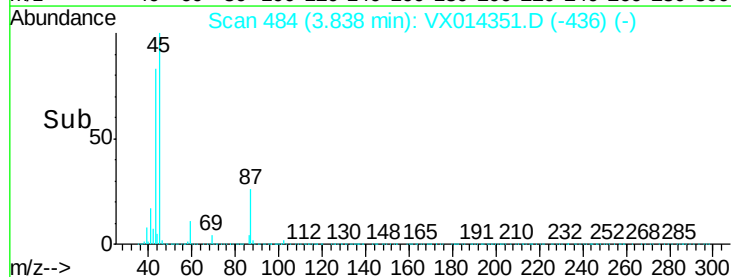
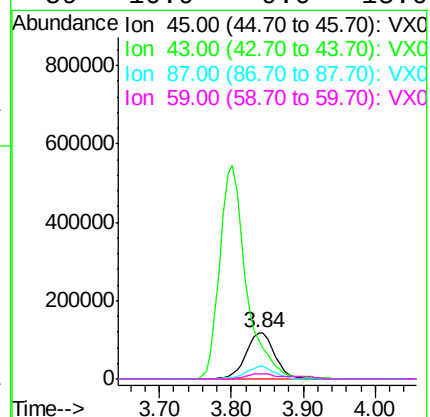
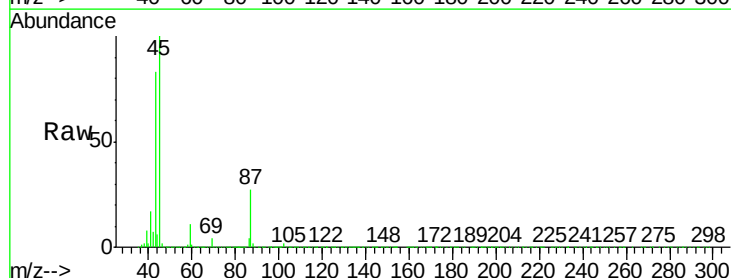
Ion Ratio Lower Upper

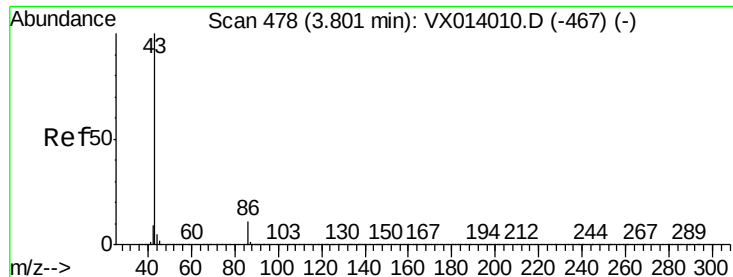
45 100

43 83.0 57.4 86.0

87 26.7 21.9 32.9

59 10.9 9.0 13.6





#23

Vinyl Acetate

Concen: 109.572 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

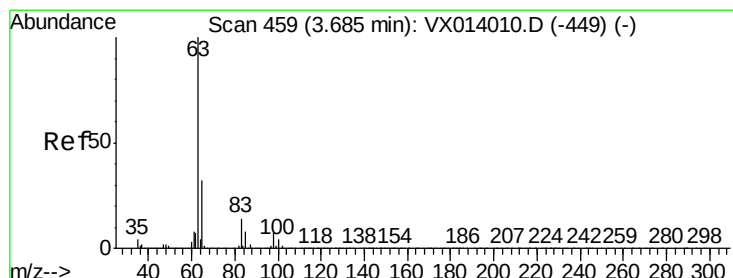
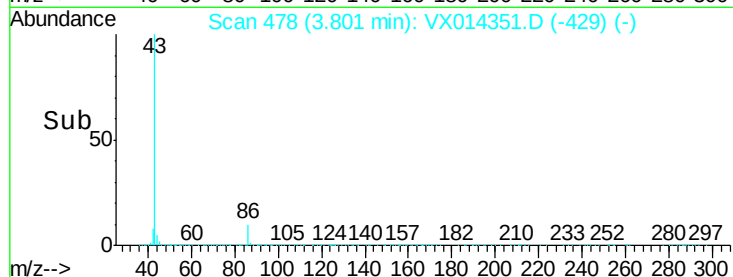
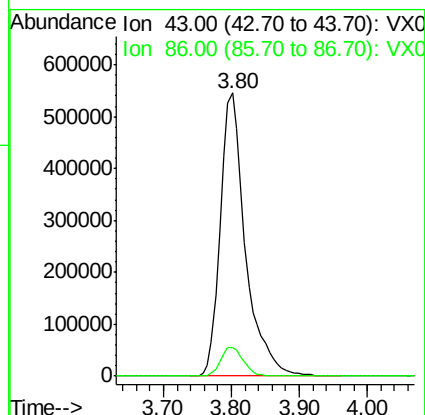
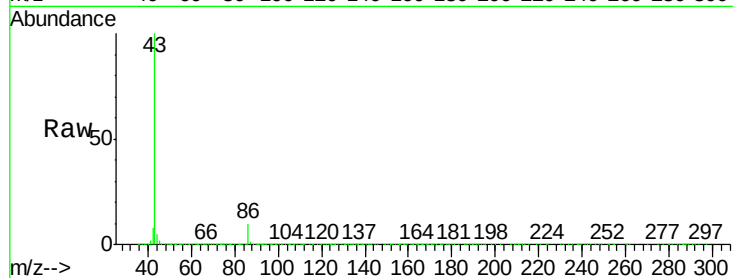
VX1230WBSD02

Tot Ion: 43 Resp: 1399150

Ion Ratio Lower Upper

43 100

86 10.0 8.6 12.8



#24

1,1-Dichloroethane

Concen: 19.228 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

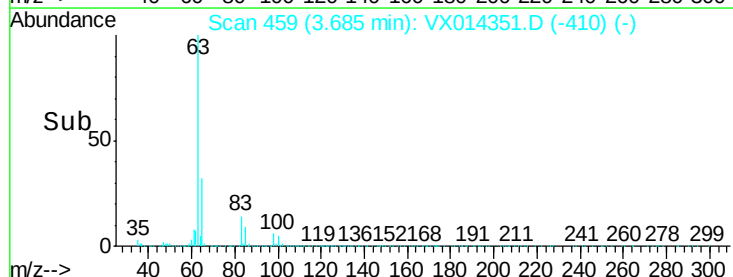
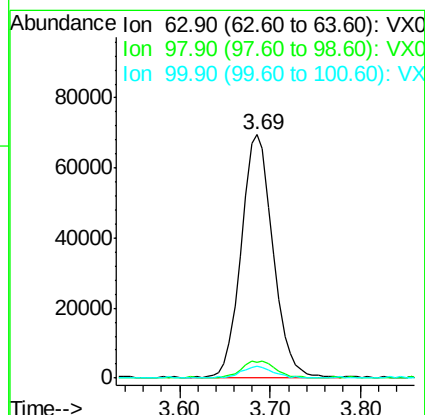
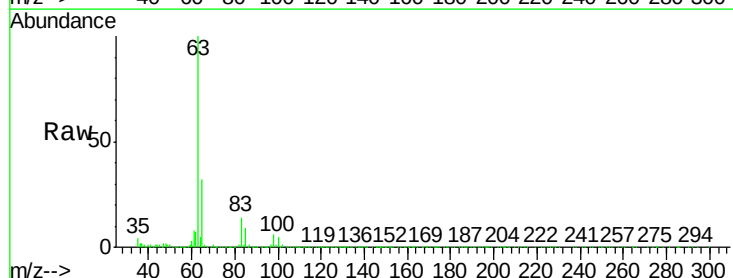
Tgt Ion: 63 Resp: 167395

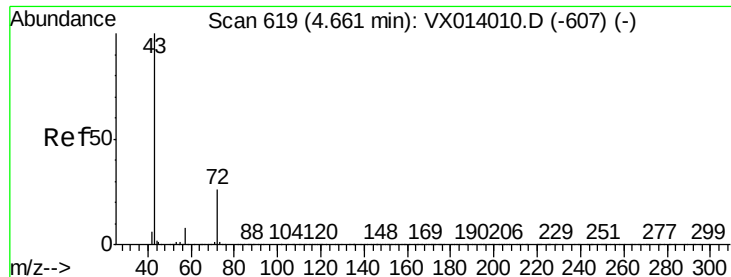
Ion Ratio Lower Upper

63 100

98 6.1 3.6 10.8

100 4.6 2.3 6.8





#25

2-Butanone

Concen: 92.212 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

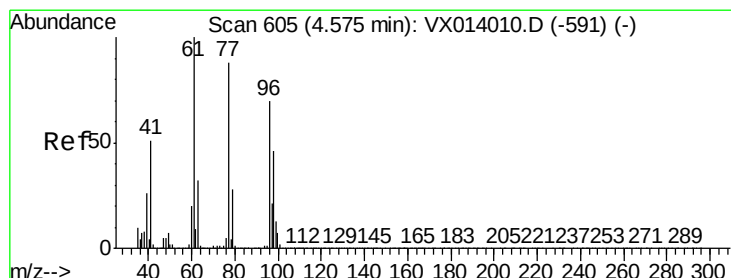
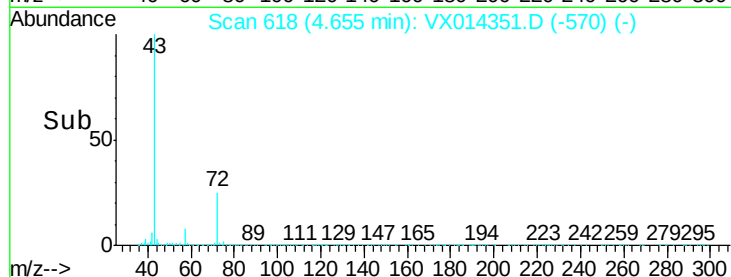
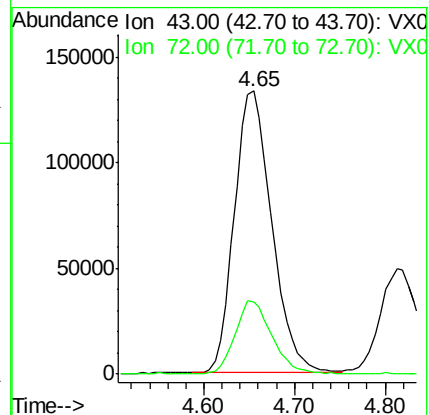
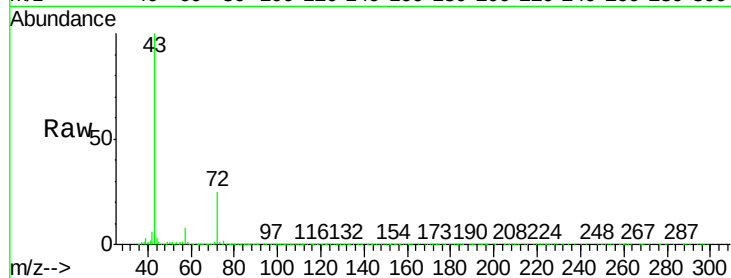
VX1230WBSD02

Tot Ion: 43 Resp: 382435

Ion Ratio Lower Upper

43 100

72 25.3 21.0 31.4



#26

2,2-Dichloropropane

Concen: 19.066 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014351.D

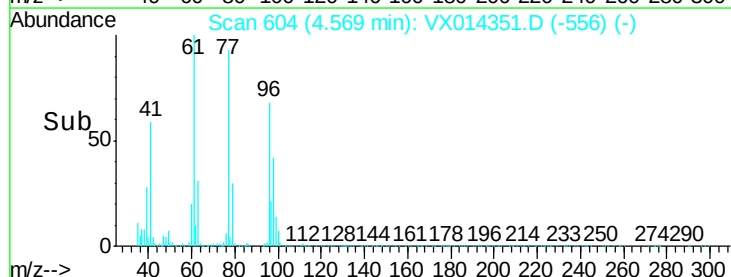
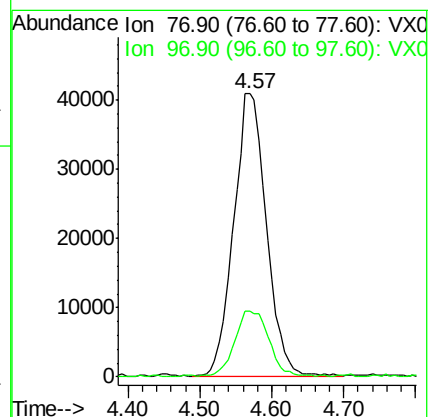
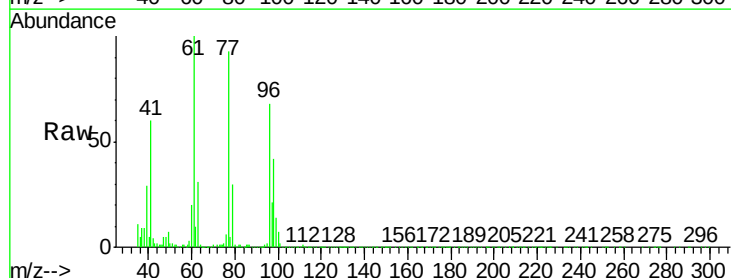
Acq: 30 Dec 2019 14:13

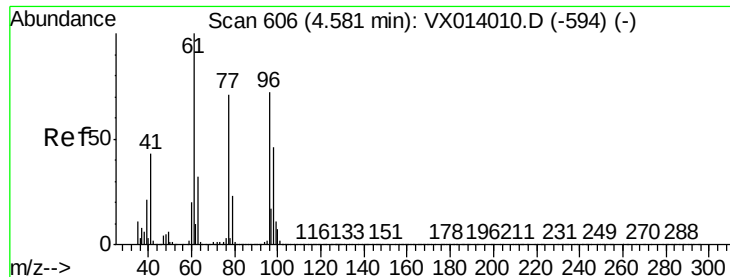
Tgt Ion: 77 Resp: 128869

Ion Ratio Lower Upper

77 100

97 23.7 11.9 35.9



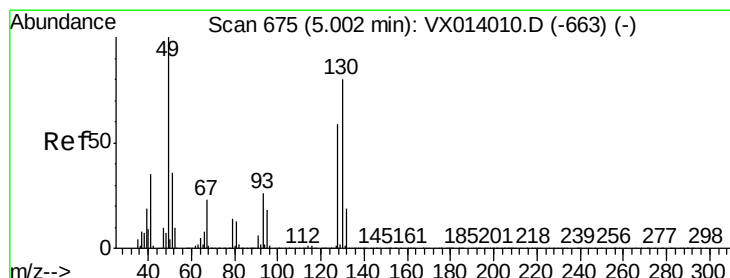
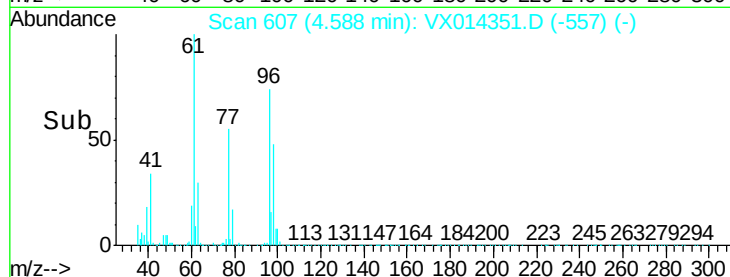
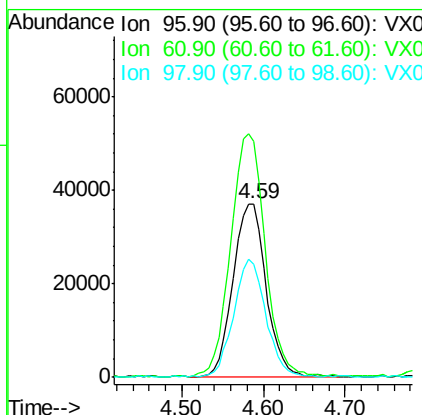
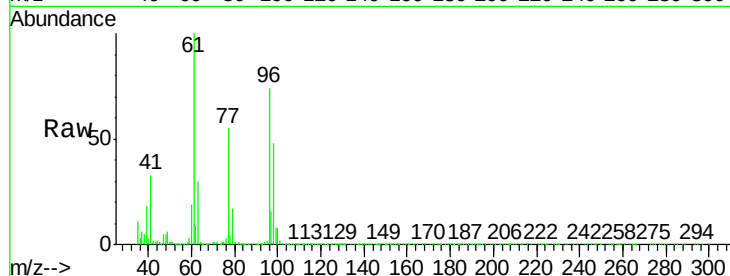


#27

cis-1,2-Dichloroethene
Concen: 18.987 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBSD02

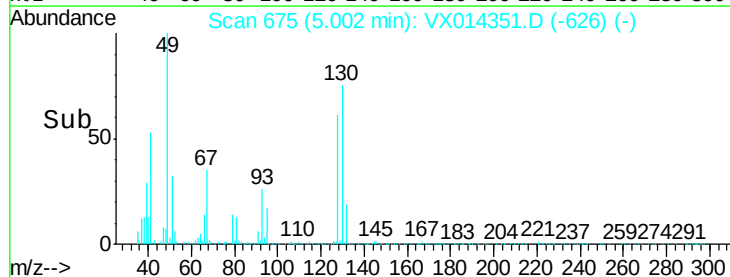
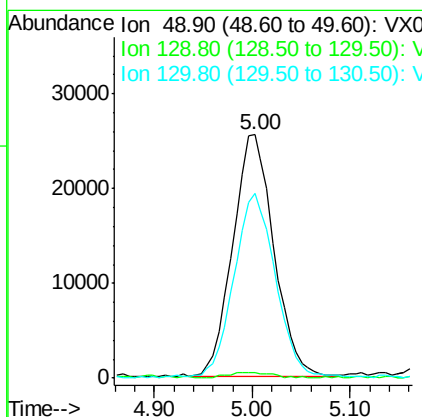
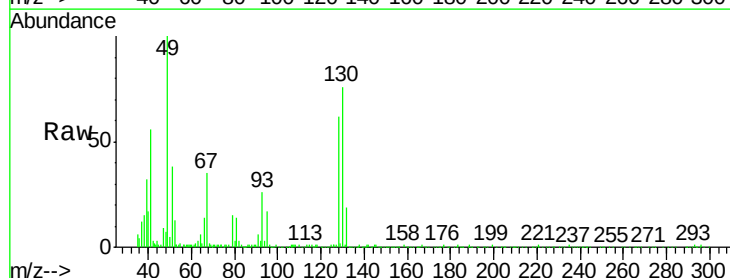
Tot Ion	Ratio	Lower	Upper
96	100		
61	144.6	0.0	288.4
98	66.3	0.0	129.6

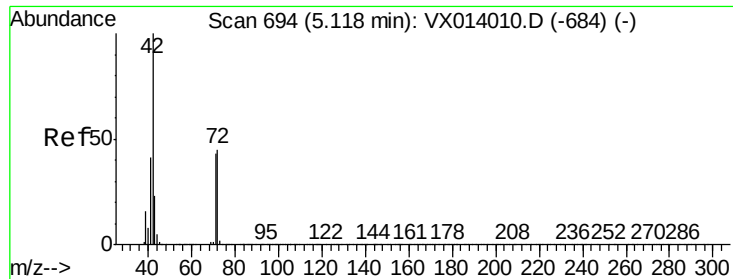


#28

Bromochloromethane
Concen: 22.416 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	78.2	64.6	97.0

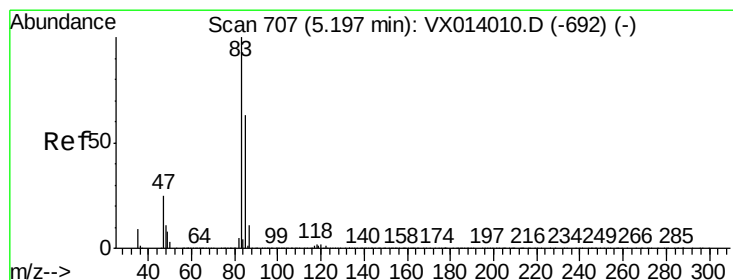
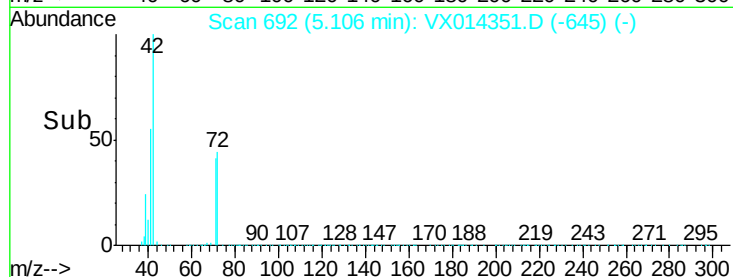
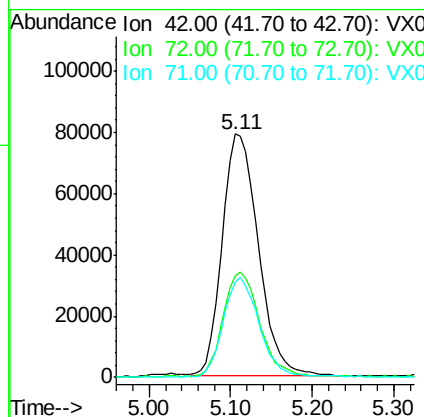
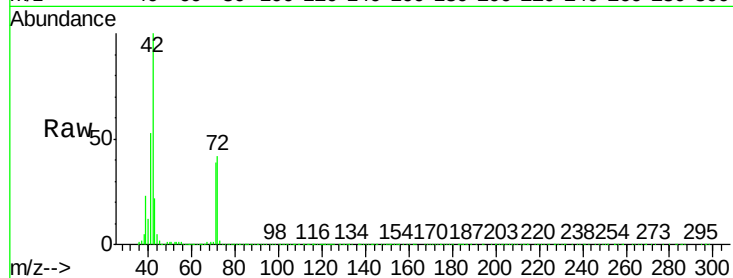




#29
Tetrahydrofuran
Concen: 104.751 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

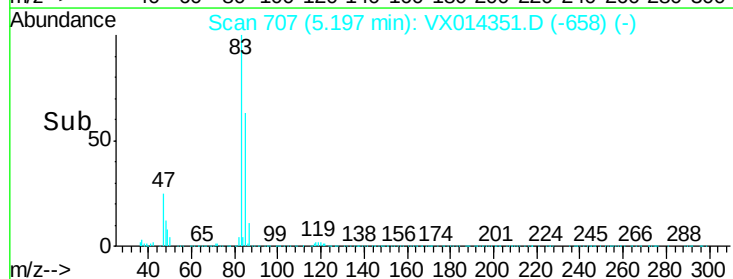
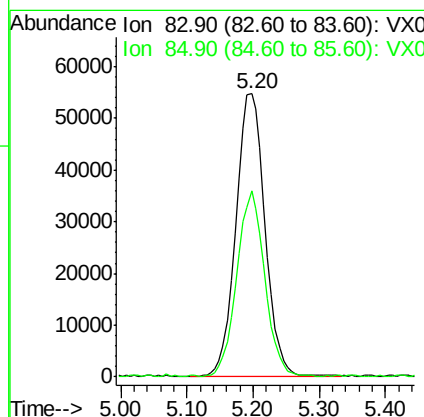
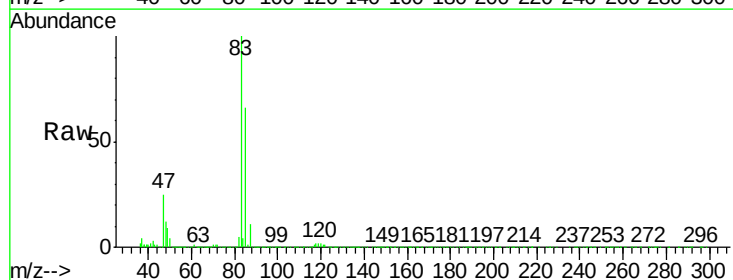
Instrument :
MSVOA_X
ClientSampleId :
VX1230WBSD02

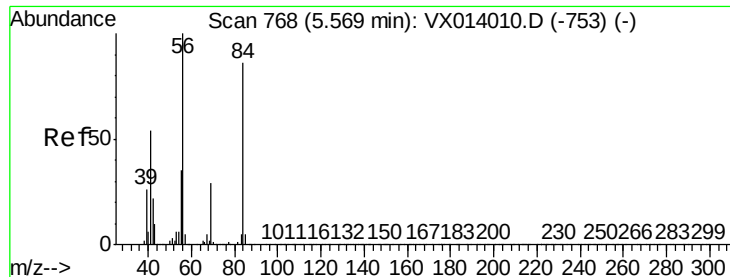
Tot Ion: 42 Resp: 242993
Ion Ratio Lower Upper
42 100
72 43.4 35.8 53.8
71 40.4 33.6 50.4



#30
Chloroform
Concen: 20.370 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Tgt Ion: 83 Resp: 168105
Ion Ratio Lower Upper
83 100
85 65.4 50.8 76.2

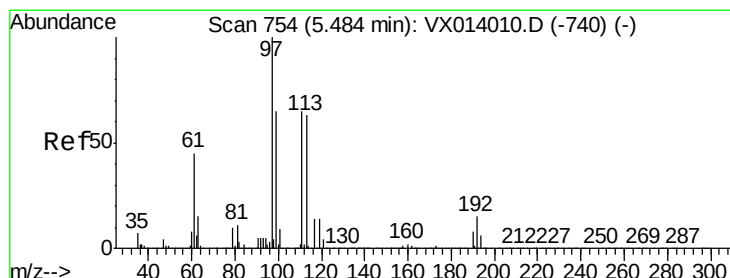
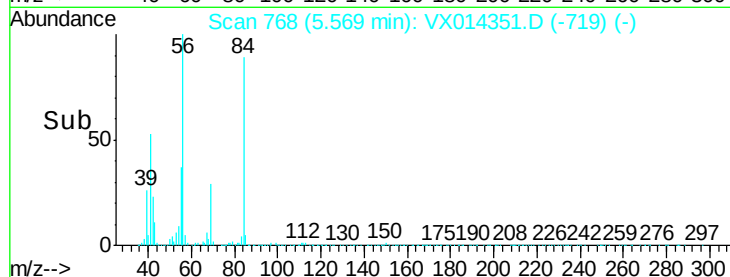
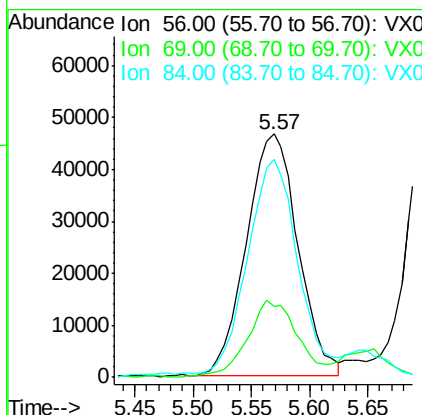
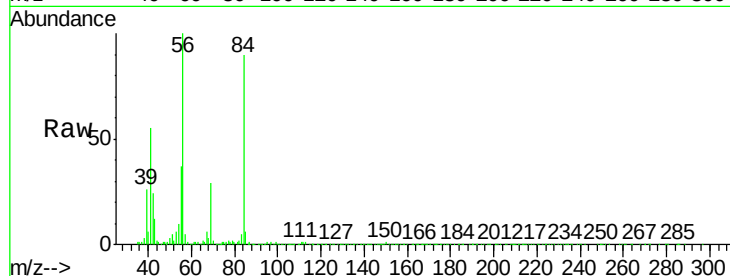




#31
Cyclohexane
Concen: 18.602 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

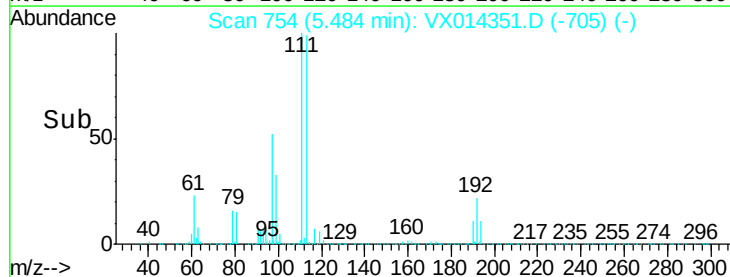
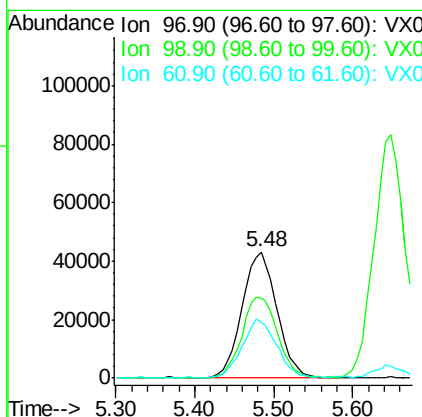
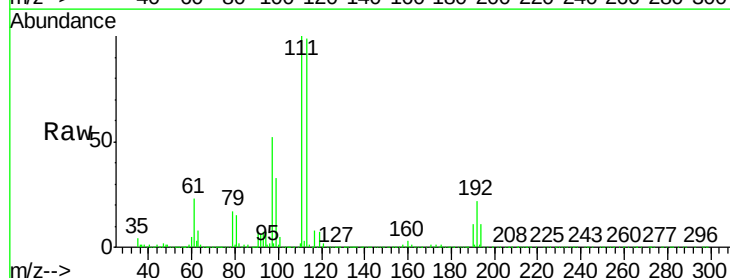
Instrument :
MSVOA_X
ClientSampleId :
VX1230WBSD02

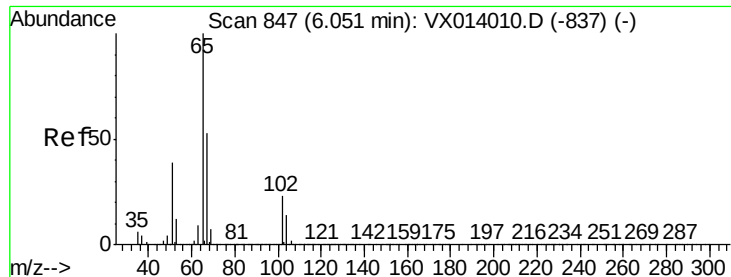
Tot Ion: 56 Resp: 144035
Ion Ratio Lower Upper
56 100
69 28.9 23.2 34.8
84 88.4 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 18.720 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Tgt Ion: 97 Resp: 131670
Ion Ratio Lower Upper
97 100
99 65.9 52.0 78.0
61 45.0 36.7 55.1





#33

1,2-Dichloroethane-d4

Concen: 54.007 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

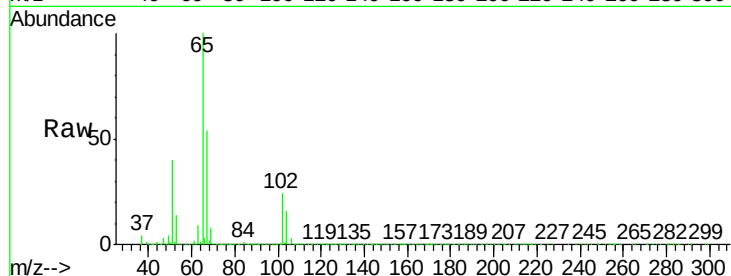
VX1230WBSD02

Tot Ion: 65 Resp: 279843

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

120000

100000

80000

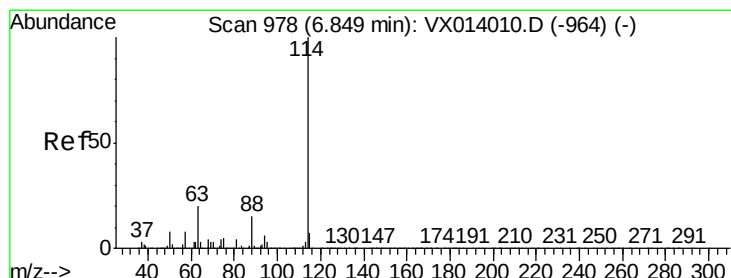
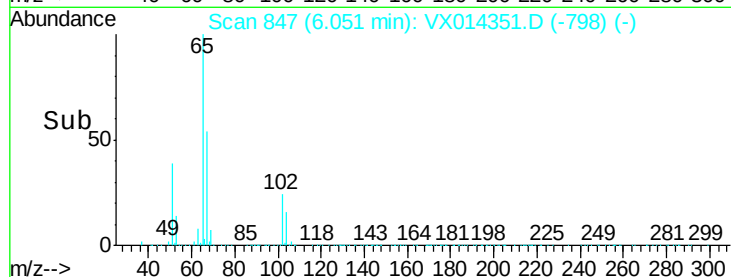
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

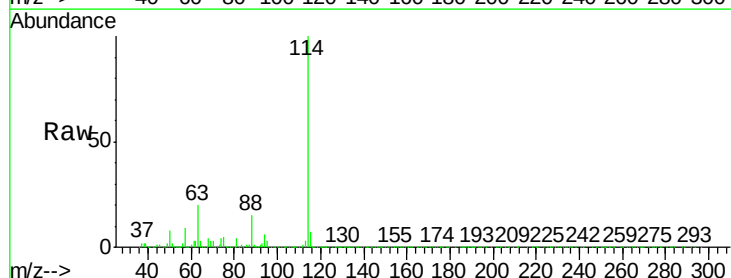
Tgt Ion: 114 Resp: 692318

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

88 15.1 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.84

400000

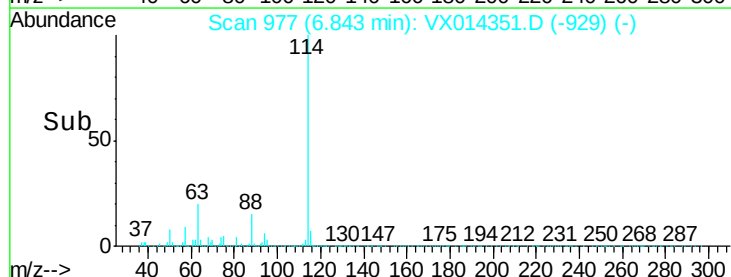
300000

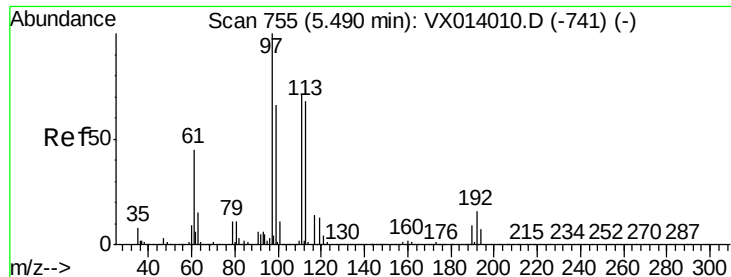
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 54.676 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBSD02

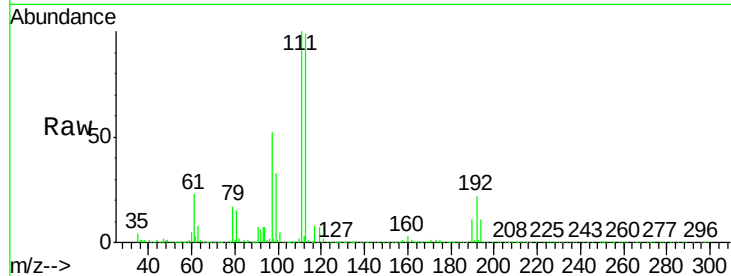
Tot Ion:113 Resp: 230105

Ion Ratio Lower Upper

113 100

111 102.5 82.0 123.0

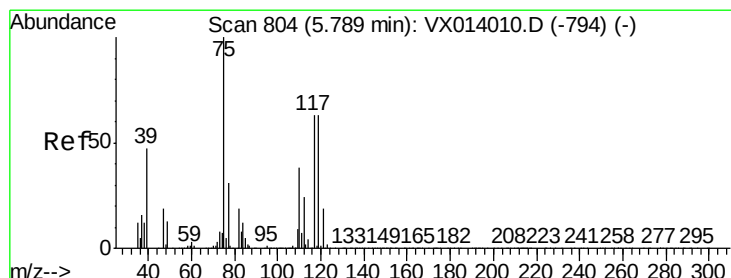
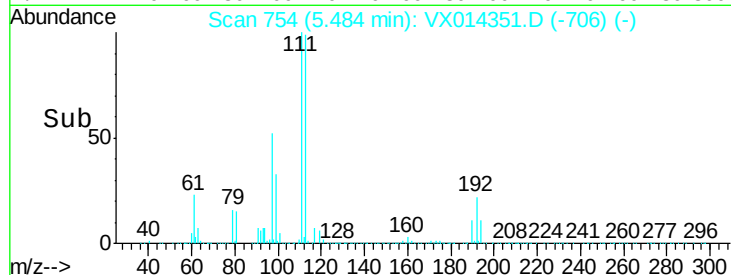
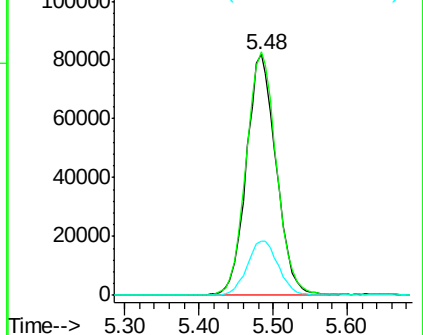
192 23.5 19.3 28.9



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: 18.672 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

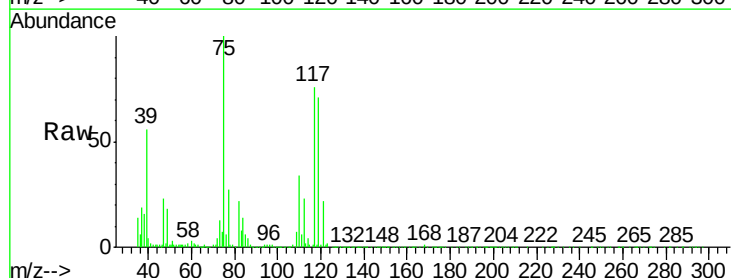
Tgt Ion: 75 Resp: 118612

Ion Ratio Lower Upper

75 100

110 36.7 18.3 54.9

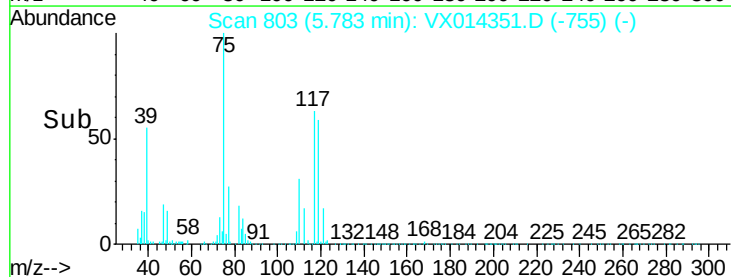
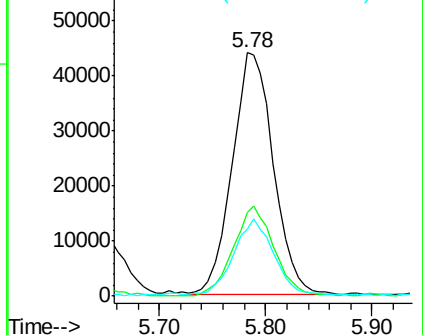
77 30.9 24.8 37.2

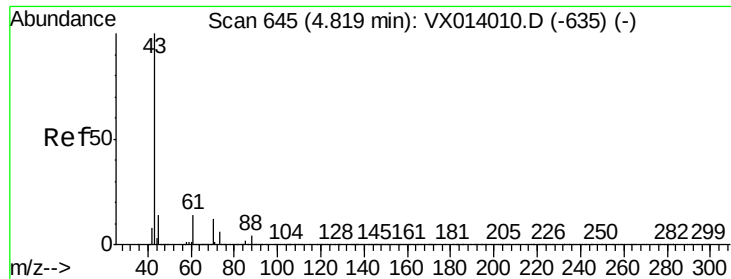


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

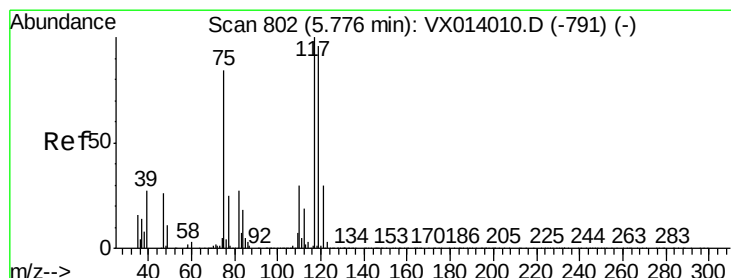
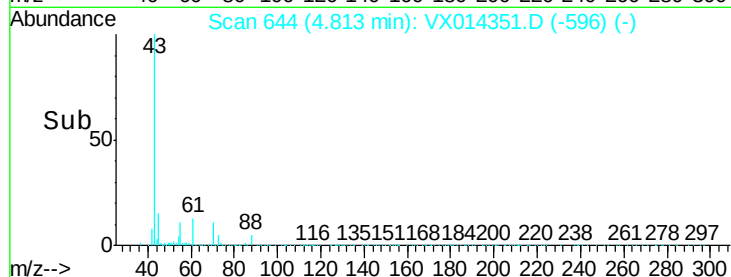
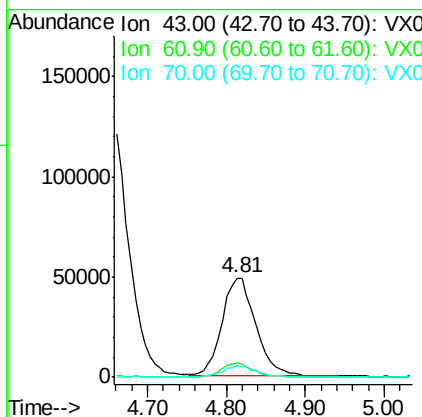
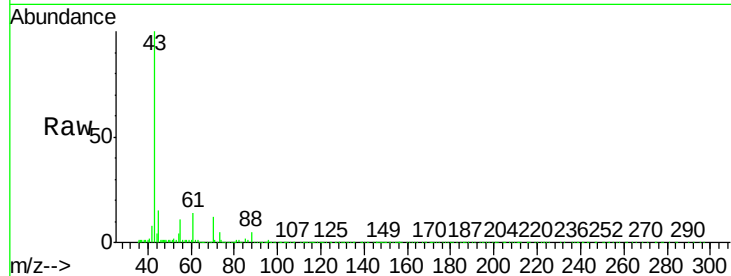




#37
Ethyl Acetate
Concen: 21.101 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

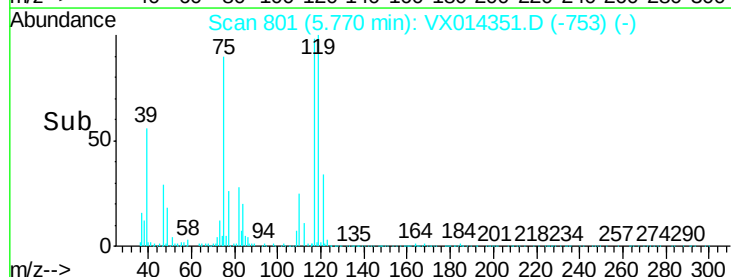
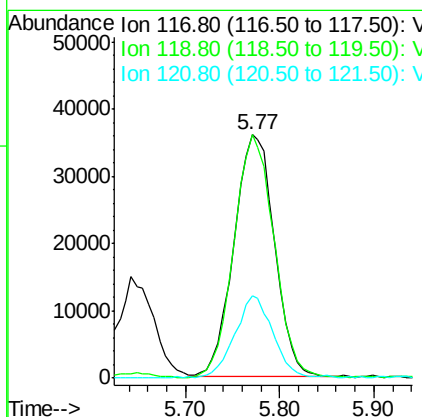
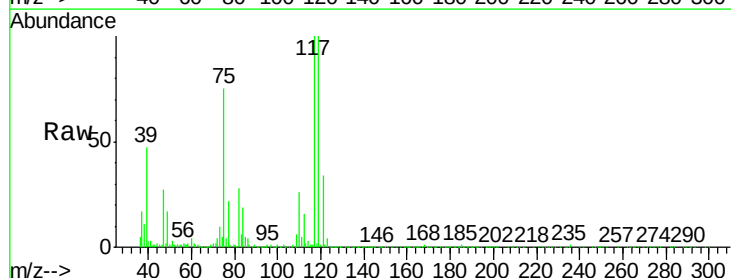
Instrument :
MSVOA_X
ClientSampleId :
VX1230WBSD02

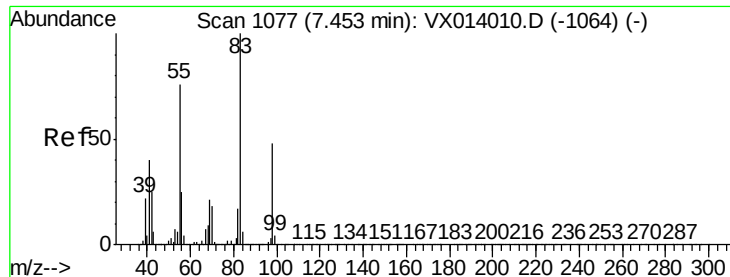
Tot Ion: 43 Resp: 148024
Ion Ratio Lower Upper
43 100
61 13.3 10.8 16.2
70 10.8 8.6 12.8



#38
Carbon Tetrachloride
Concen: 18.673 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Tgt Ion: 117 Resp: 108063
Ion Ratio Lower Upper
117 100
119 100.4 76.2 114.4
121 33.5 23.6 35.4

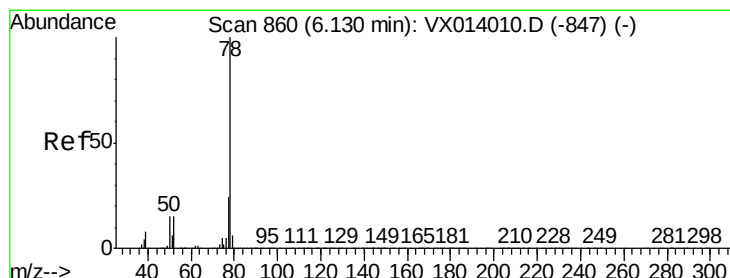
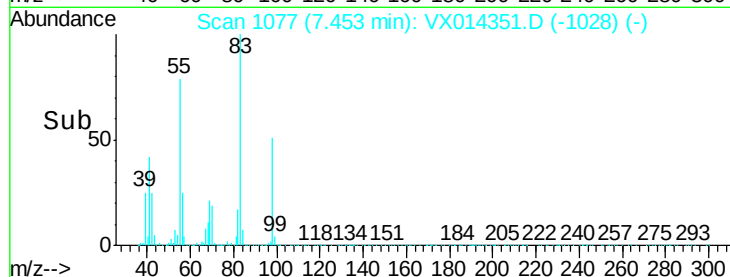
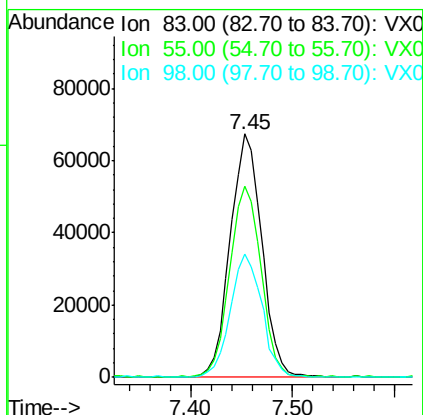
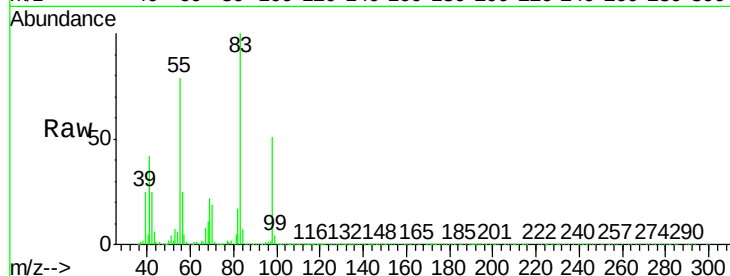




#39
Methylvlcyclohexane
Concen: 18.434 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

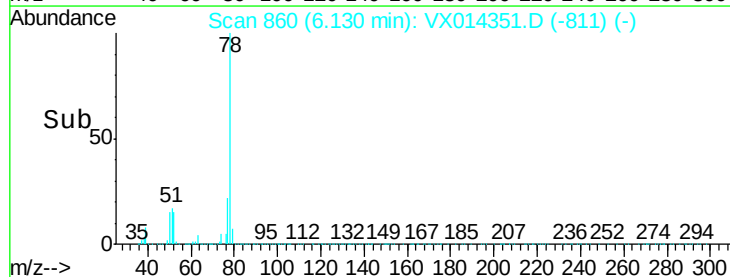
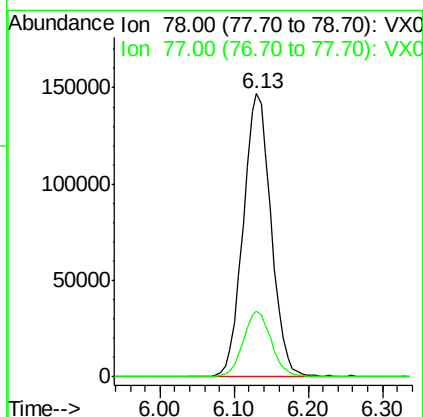
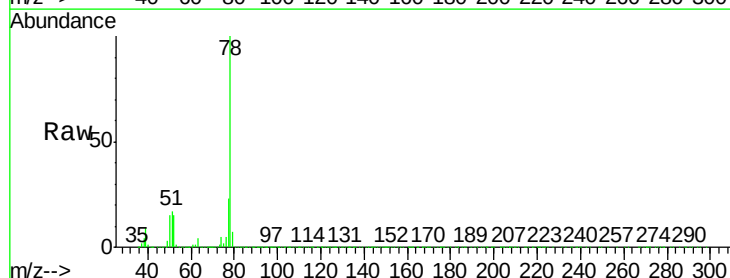
Instrument :
MSVOA_X
ClientSampleId :
VX1230WBSD02

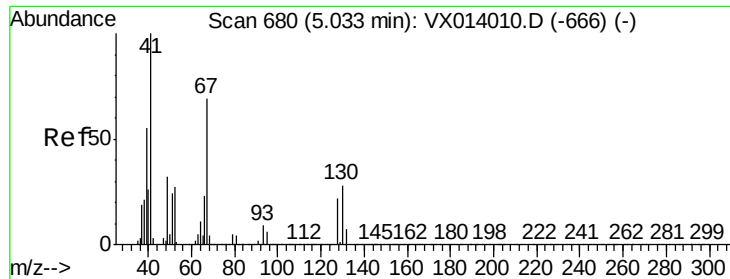
Tot Ion	83	Resp	144588
Ion Ratio	Lower	Upper	
83	100		
55	78.4	61.0	91.6
98	50.4	38.6	57.8



#40
Benzene
Concen: 19.666 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Tgt Ion	78	Resp	384389
Ion Ratio	Lower	Upper	
78	100		
77	23.1	18.8	28.2

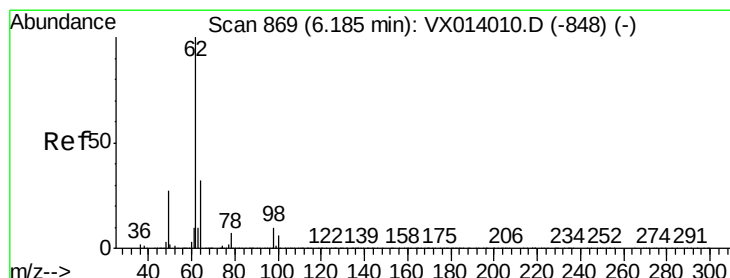
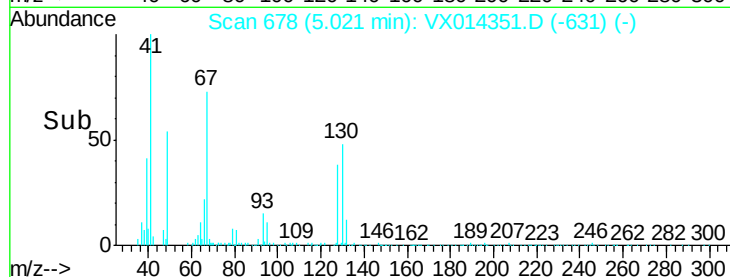
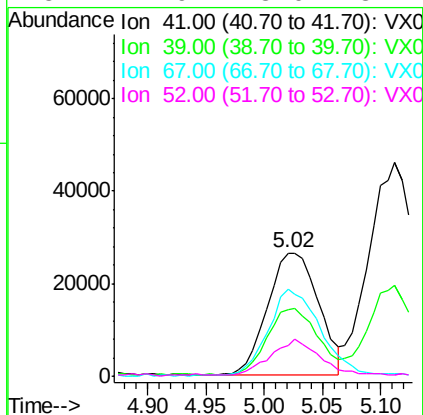
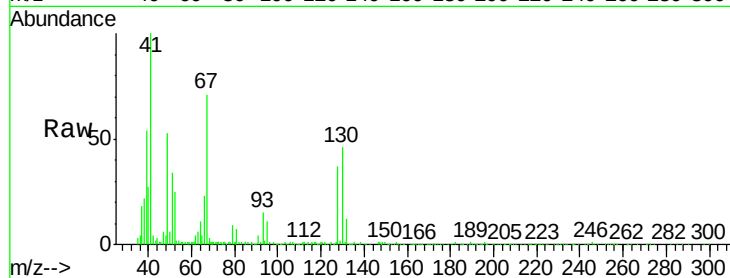




#41
Methacrylonitrile
Concen: 20.569 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

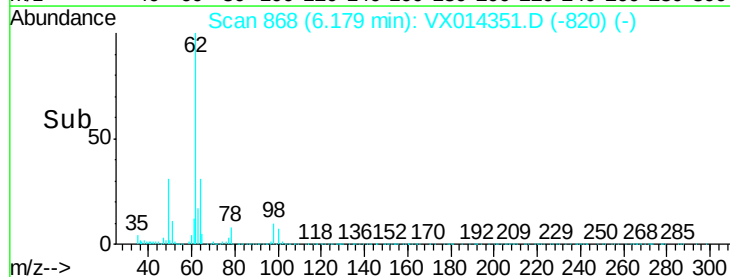
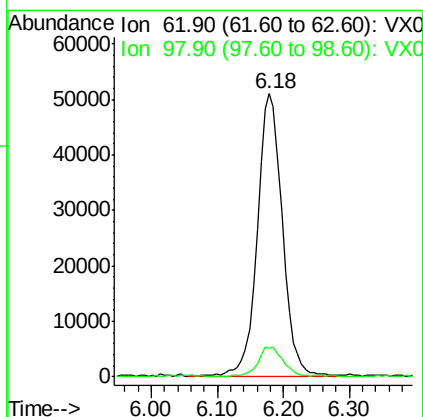
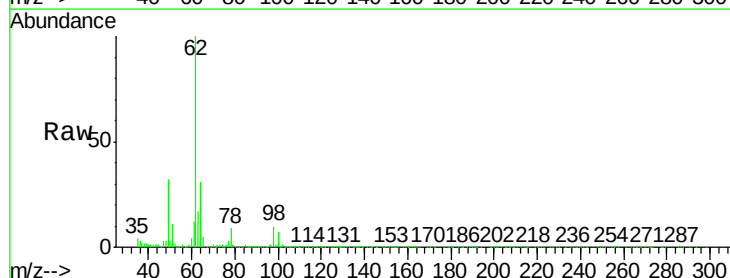
Instrument :
MSVOA_X
ClientSampleId :
VX1230WBSD02

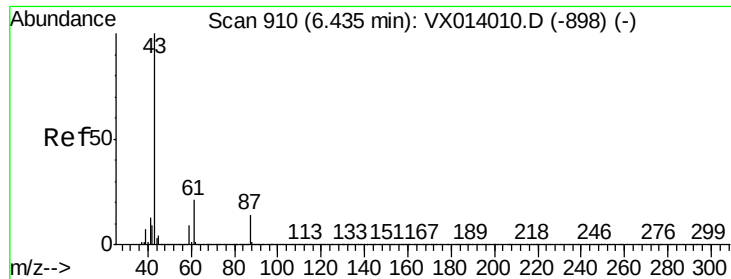
Tot Ion:	41	Resp:	80059
Ion	Ratio	Lower	Upper
41	100		
39	52.8	44.5	66.7
67	72.1	57.4	86.0
52	27.9	23.0	34.4



#42
1,2-Dichloroethane
Concen: 20.103 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Tgt Ion:	62	Resp:	133191
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.0





#43

Isopropyl Acetate

Concen: 20.917 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBSD02

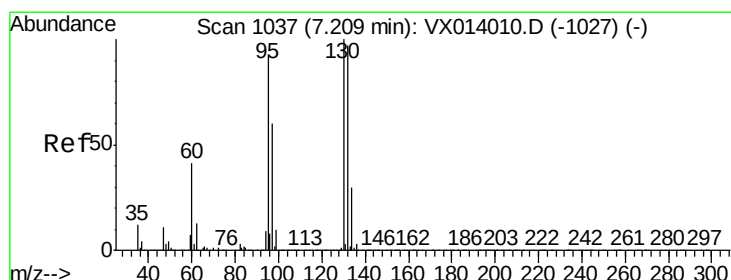
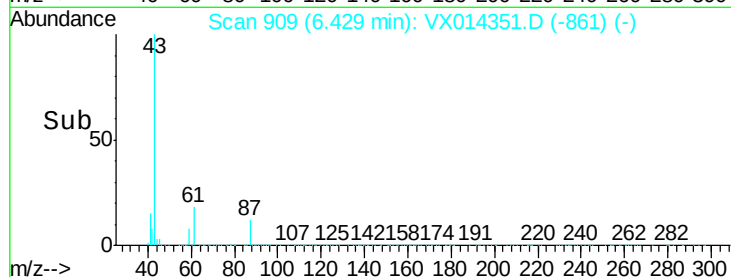
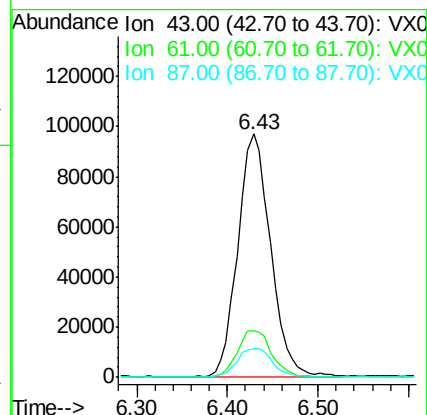
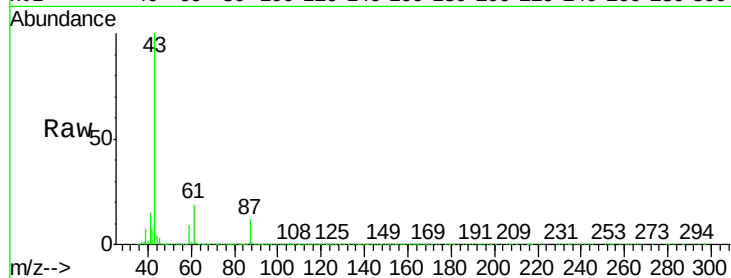
Tot Ion: 43 Resp: 242829

Ion Ratio Lower Upper

43 100

61 20.6 16.4 24.6

87 12.7 10.7 16.1



#44

Trichloroethene

Concen: 18.961 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014351.D

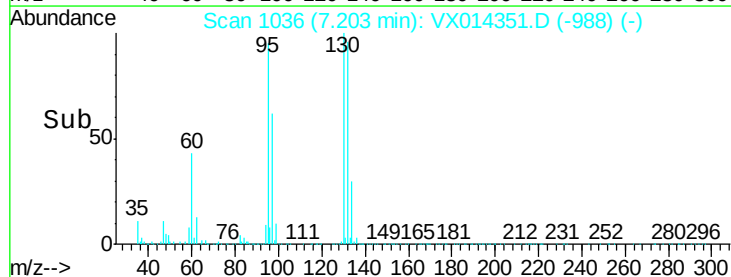
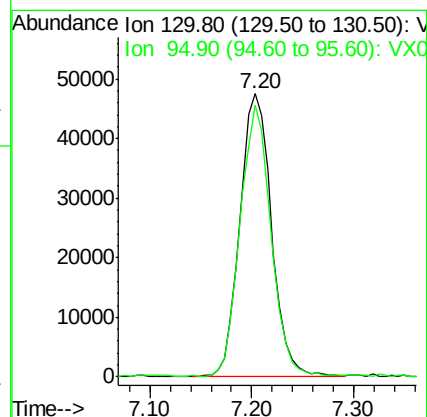
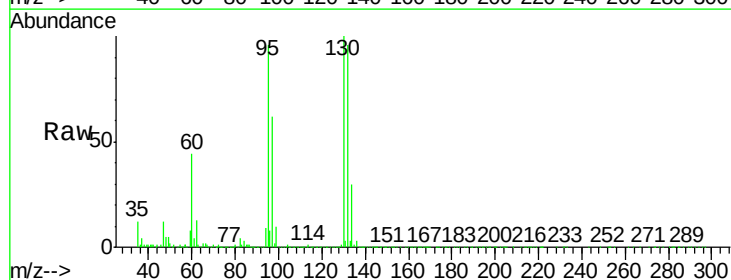
Acq: 30 Dec 2019 14:13

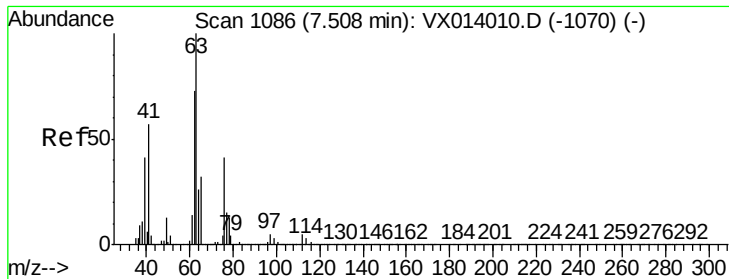
Tgt Ion:130 Resp: 102365

Ion Ratio Lower Upper

130 100

95 95.4 0.0 185.6

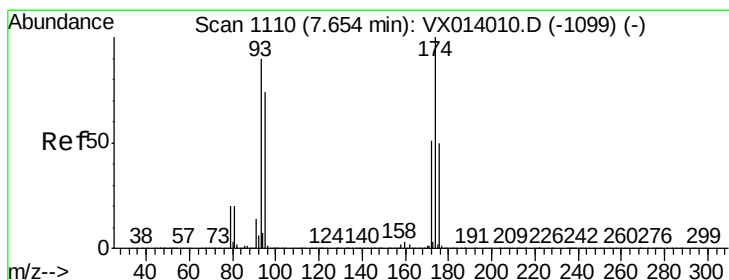
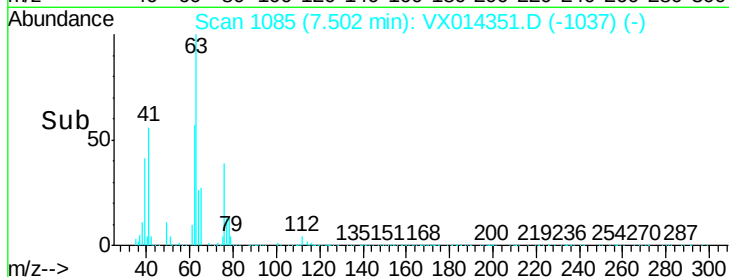
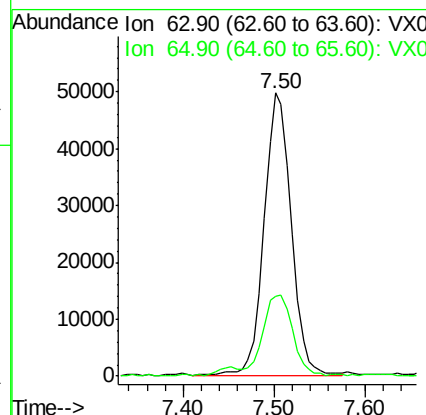
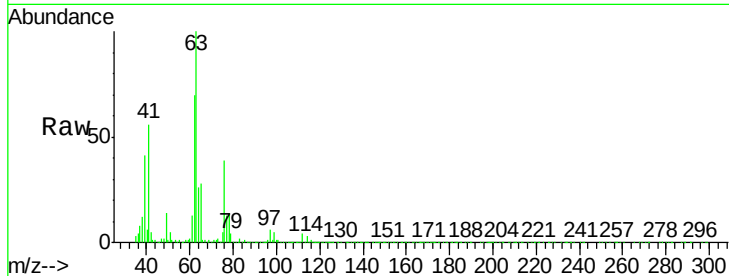




#45
 1,2-Dichloropropane
 Concen: 20.746 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014351.D
 Acq: 30 Dec 2019 14:13

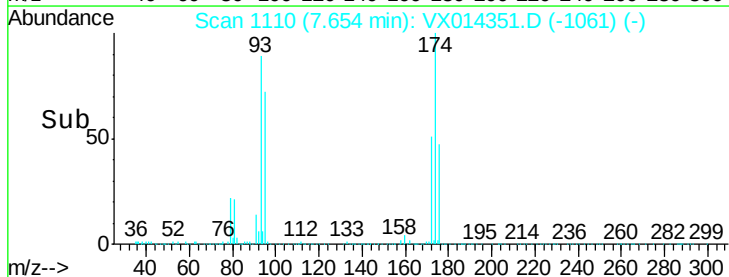
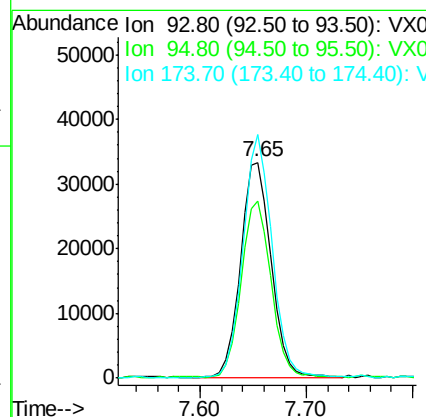
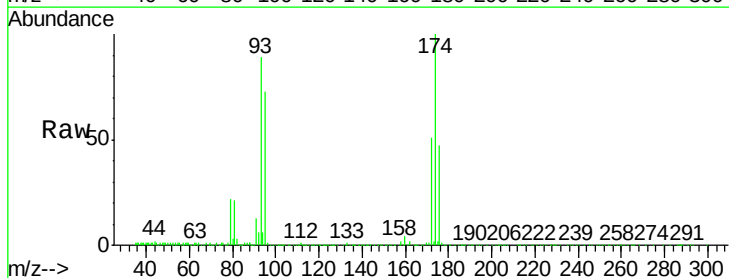
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1230WBSD02

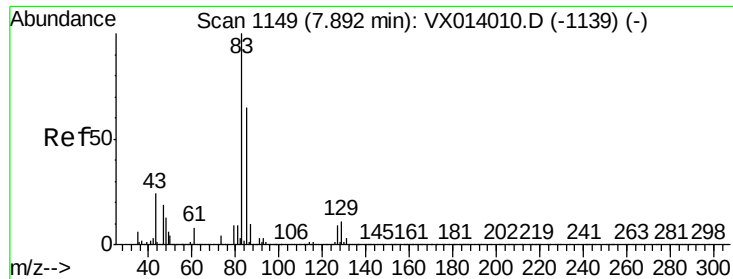
Tot Ion: 63 Resp: 103934
 Ion Ratio Lower Upper
 63 100
 65 27.9 25.8 38.8



#46
 Dibromomethane
 Concen: 20.277 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014351.D
 Acq: 30 Dec 2019 14:13

Tgt Ion: 93 Resp: 67161
 Ion Ratio Lower Upper
 93 100
 95 80.4 67.3 100.9
 174 108.5 91.6 137.4





#47

Bromodichloromethane

Concen: 20.212 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBSD02

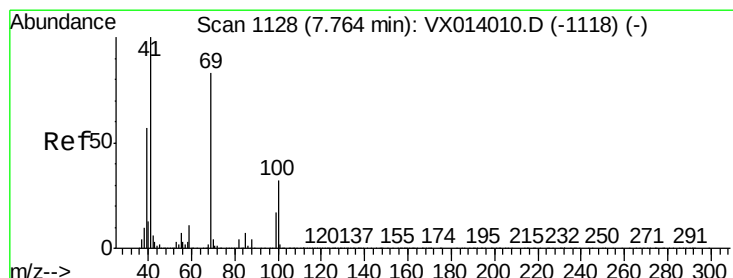
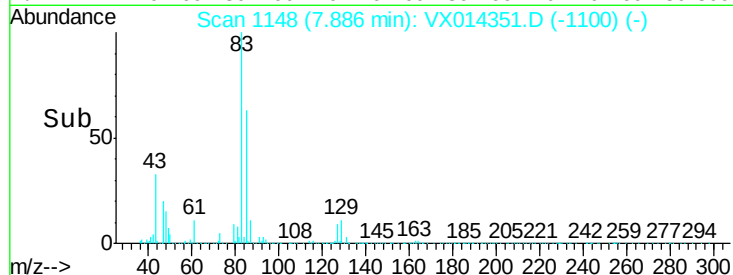
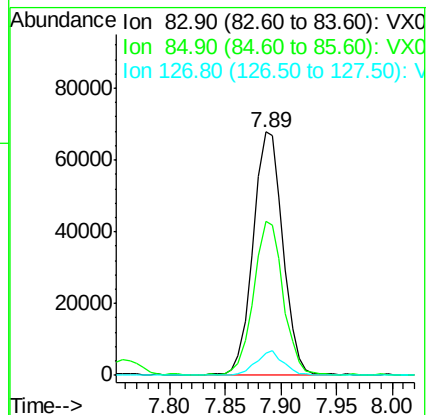
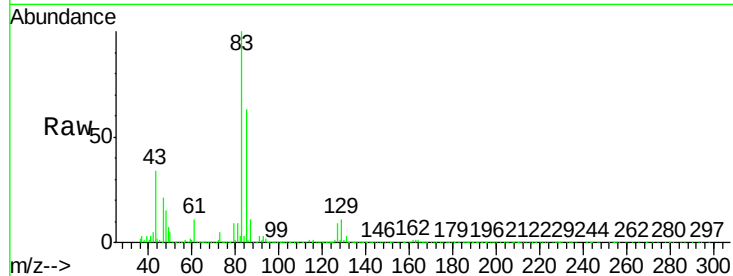
Tot Ion: 83 Resp: 126081

Ion Ratio Lower Upper

83 100

85 62.9 51.8 77.8

127 9.0 7.0 10.4



#48

Methyl methacrylate

Concen: 20.085 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

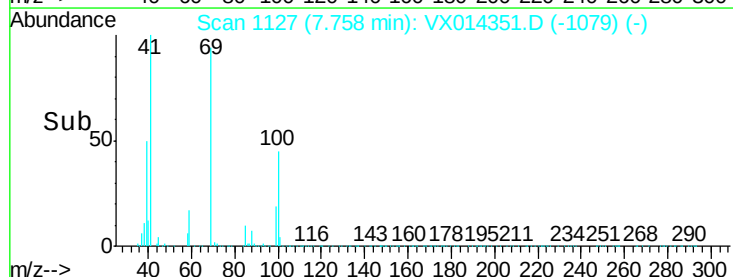
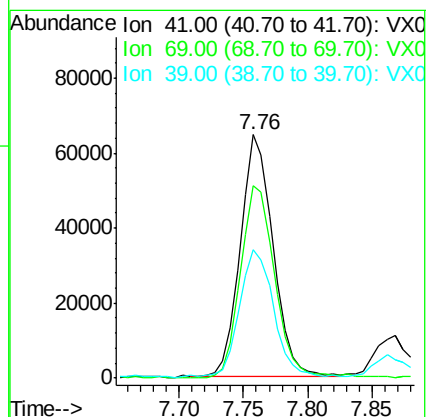
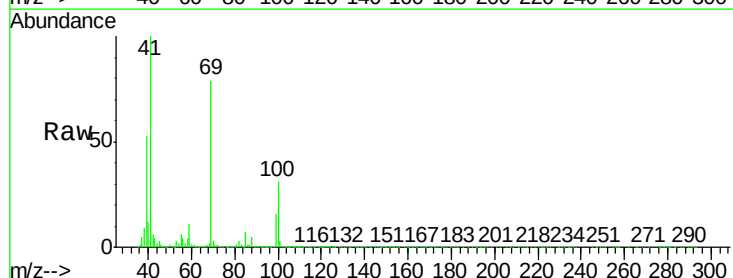
Tgt Ion: 41 Resp: 114179

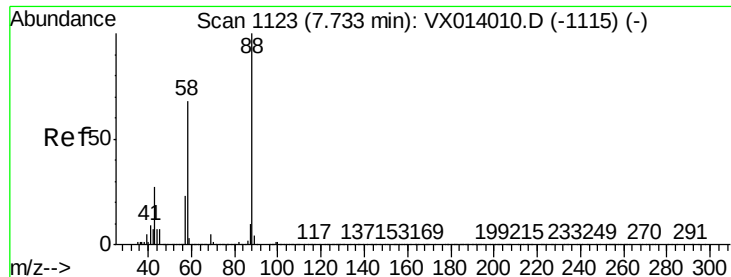
Ion Ratio Lower Upper

41 100

69 82.7 65.8 98.6

39 54.8 44.6 67.0





#49

1,4-Dioxane

Concen: 416.569 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

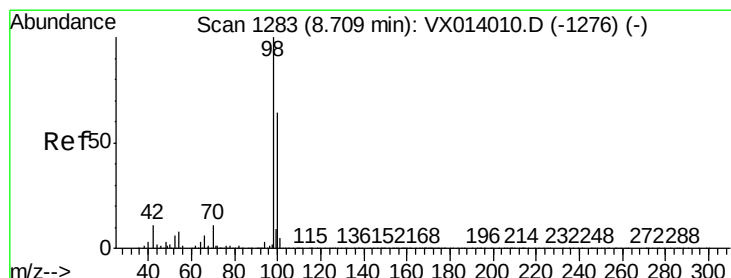
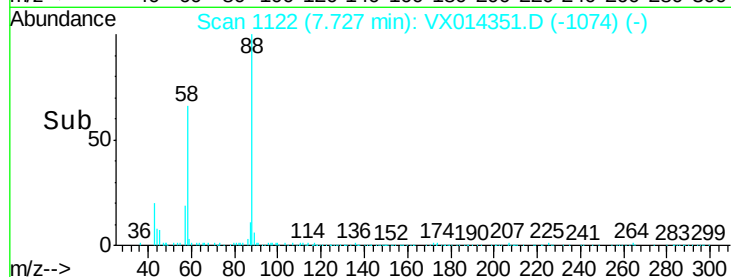
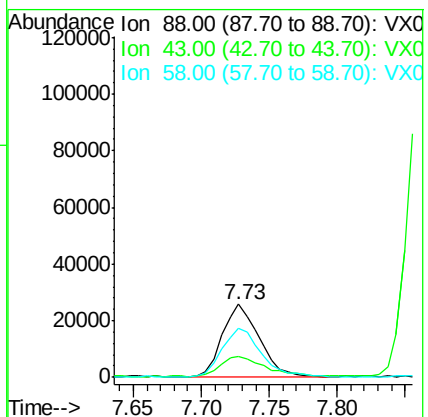
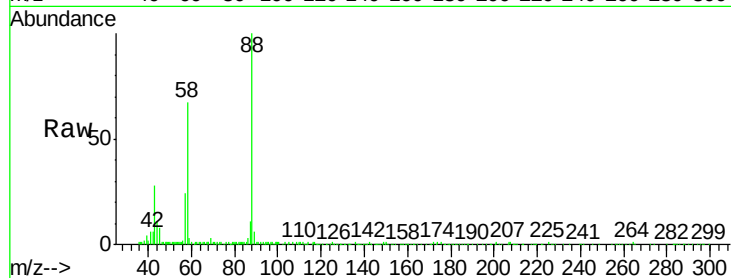
MSVOA_X

ClientSampleId :

VX1230WBSD02

Tot Ion: 88 Resp: 48191

Ion	Ratio	Lower	Upper
88	100		
43	35.1	26.5	39.7
58	73.6	56.8	85.2



#50

Toluene-d8

Concen: 53.575 ug/l

RT: 8.71 min Scan# 1283

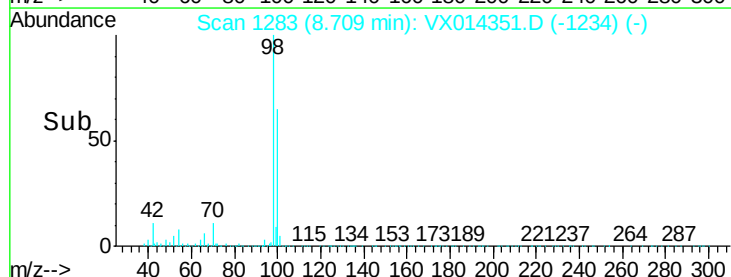
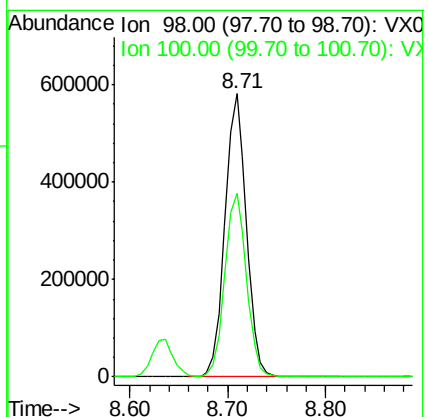
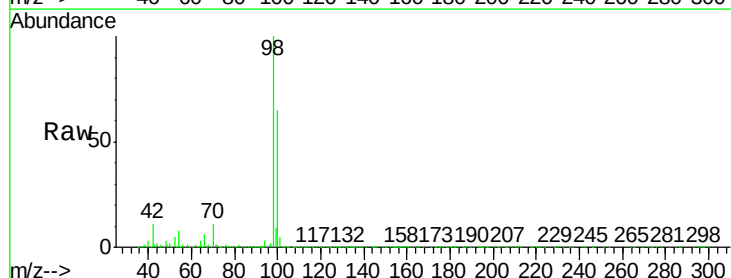
Delta R.T. 0.00 min

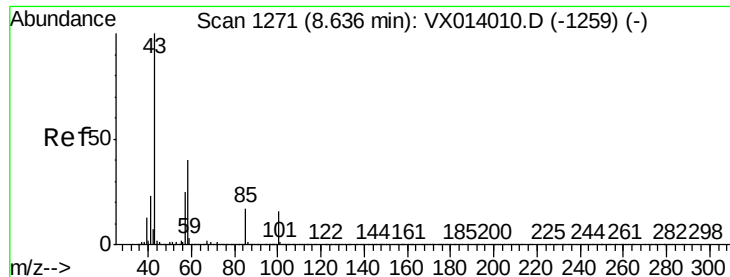
Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Tgt Ion: 98 Resp: 877814

Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.9	79.3

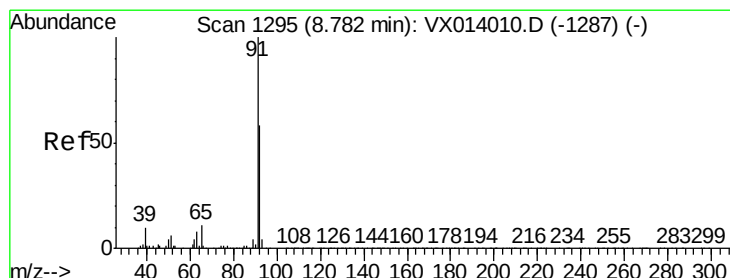
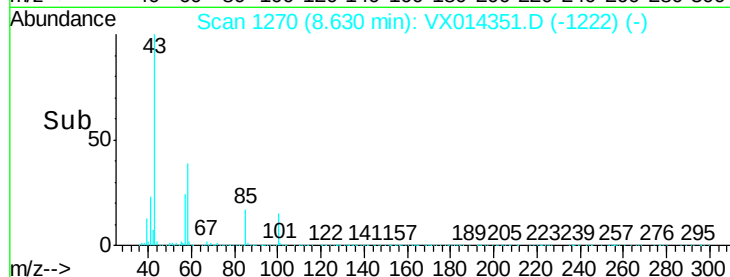
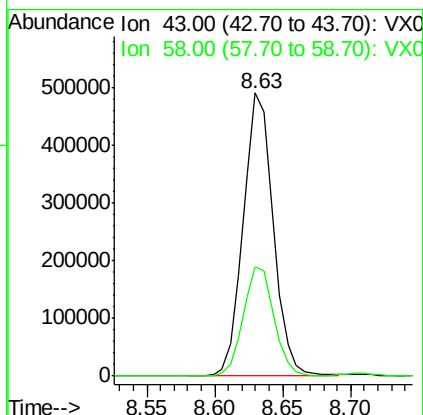
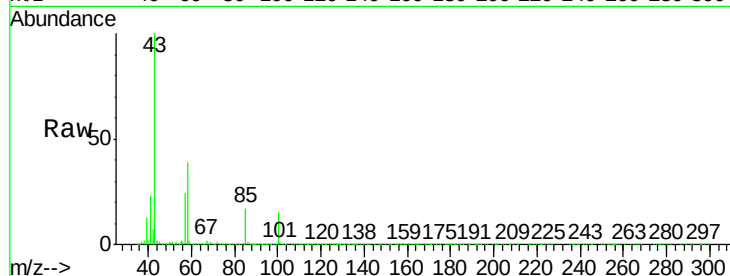




#51
4-Methyl-2-Pentanone
Concen: 104.086 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

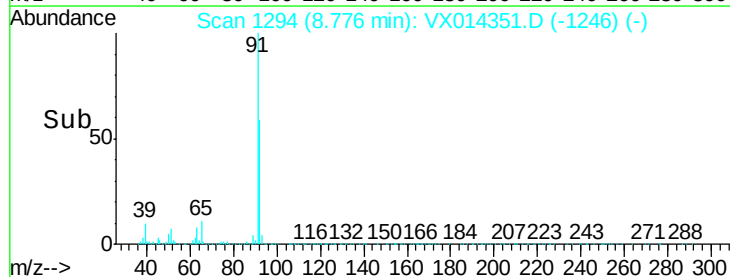
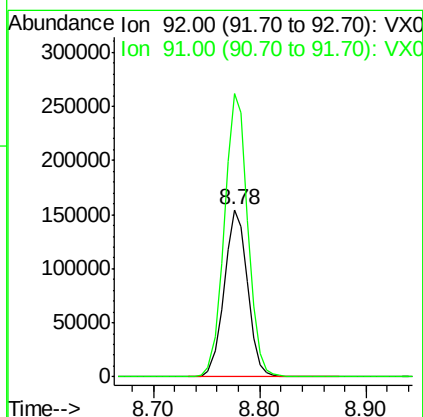
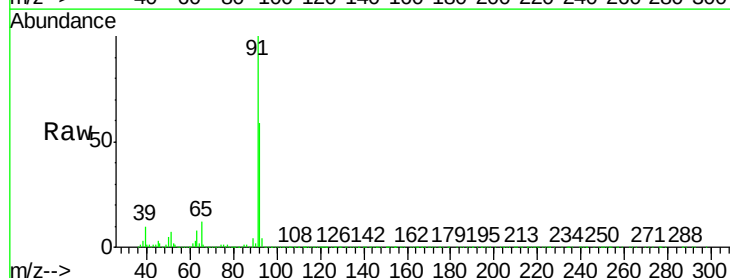
Instrument :
MSVOA_X
ClientSampleId :
VX1230WBSD02

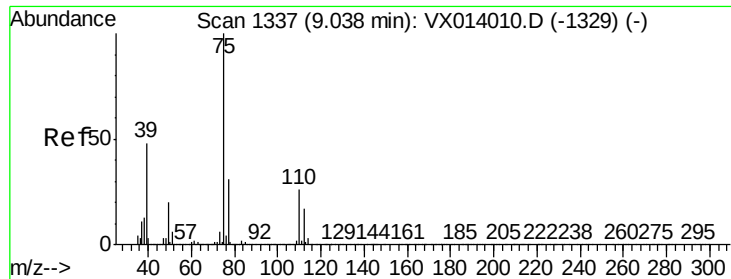
Tot Ion: 43 Resp: 758872
Ion Ratio Lower Upper
43 100
58 39.6 32.2 48.2



#52
Toluene
Concen: 19.124 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Tgt Ion: 92 Resp: 236264
Ion Ratio Lower Upper
92 100
91 170.7 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 20.292 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

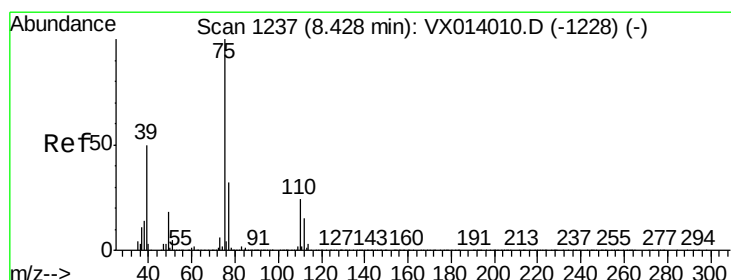
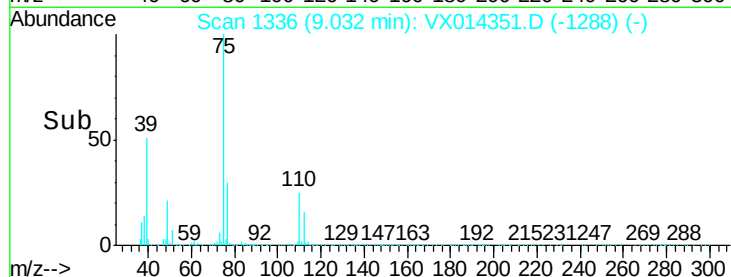
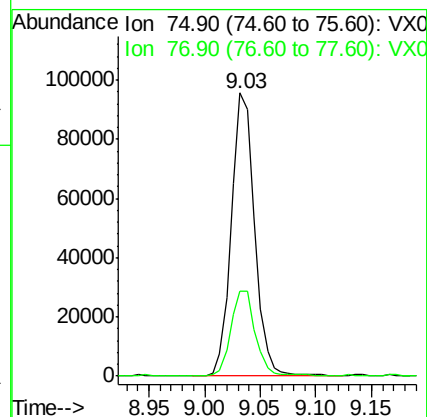
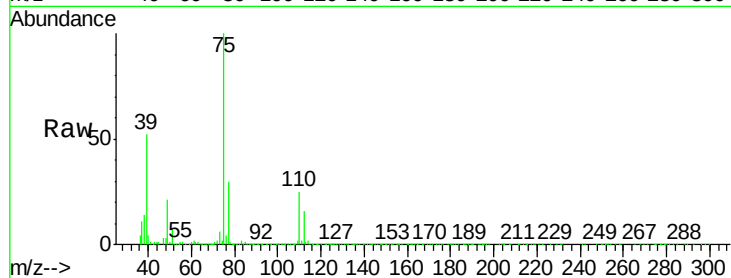
VX1230WBSD02

Tot Ion: 75 Resp: 138794

Ion Ratio Lower Upper

75 100

77 30.1 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 20.367 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

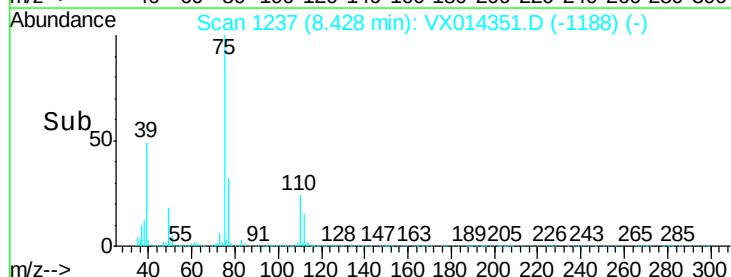
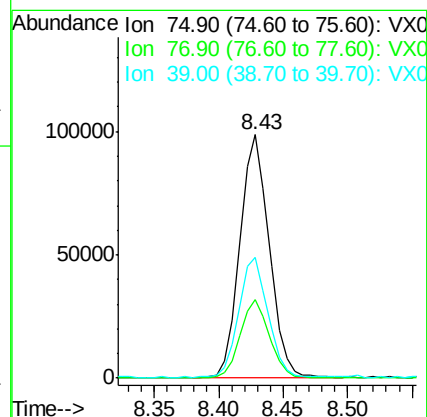
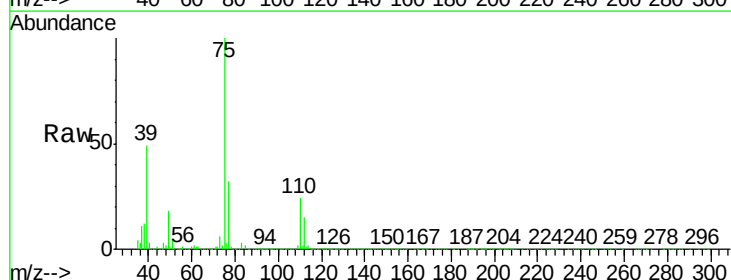
Tgt Ion: 75 Resp: 155200

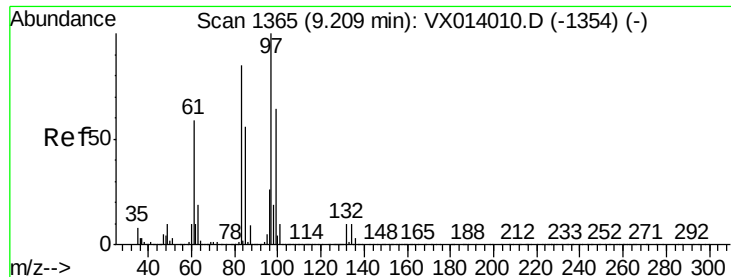
Ion Ratio Lower Upper

75 100

77 32.2 25.3 37.9

39 49.1 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 20.367 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

ClientSampled :

VX1230WBSD02

Tot Ion: 97 Resp: 100848

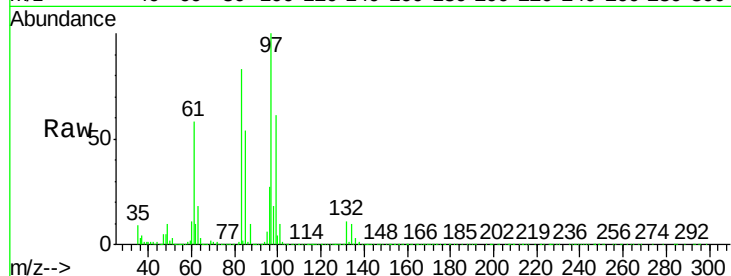
Ion Ratio Lower Upper

97 100

83 82.9 68.2 102.4

85 54.1 44.6 66.8

99 60.8 51.4 77.0

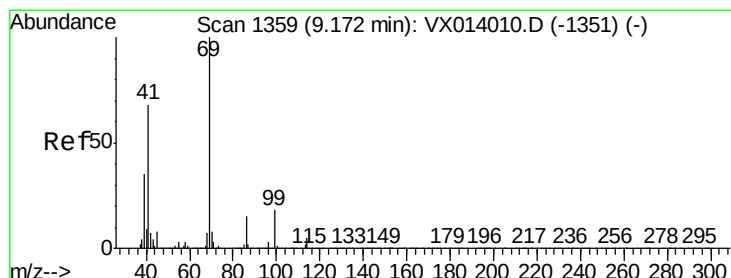
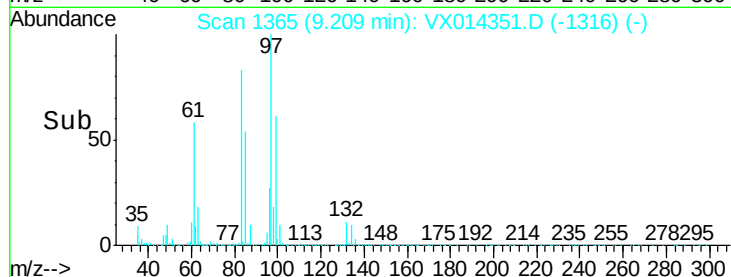
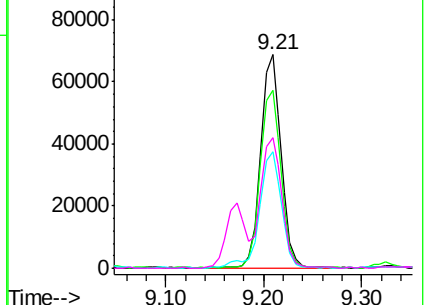


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.964 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

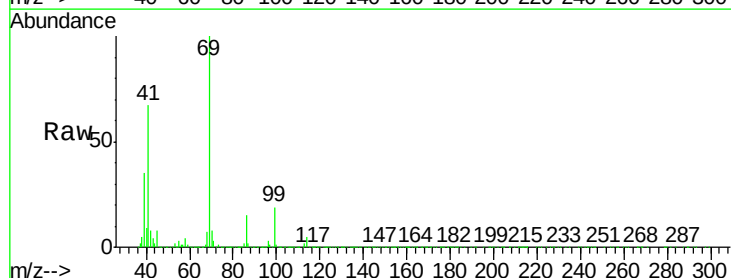
Tgt Ion: 69 Resp: 155276

Ion Ratio Lower Upper

69 100

41 69.0 54.8 82.2

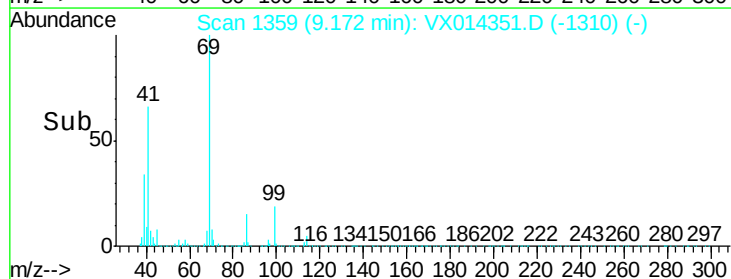
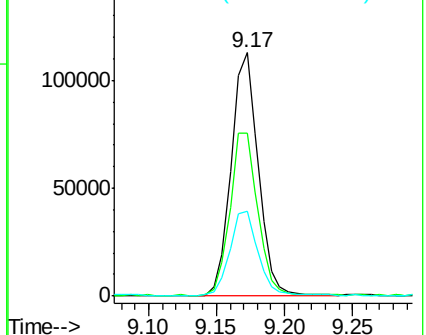
39 35.9 28.3 42.5

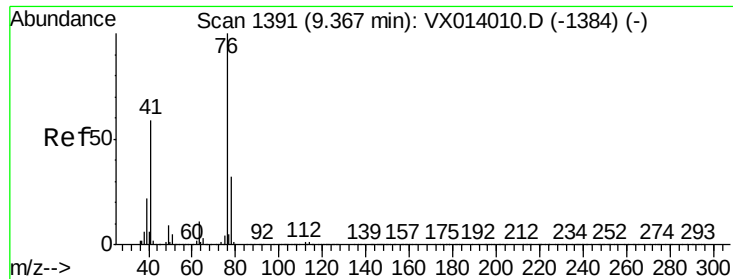


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.746 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

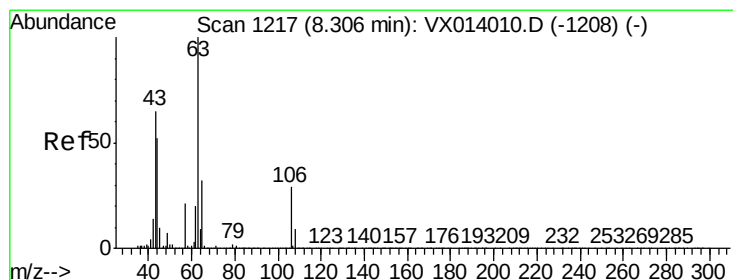
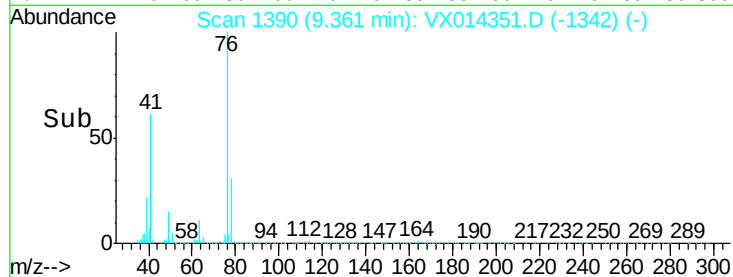
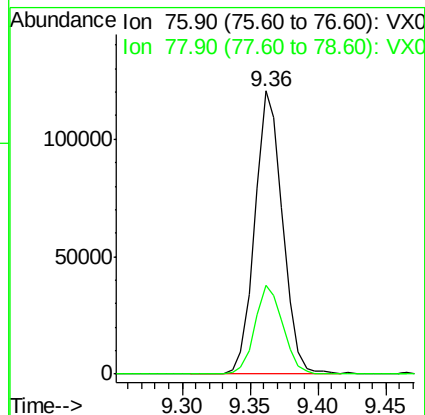
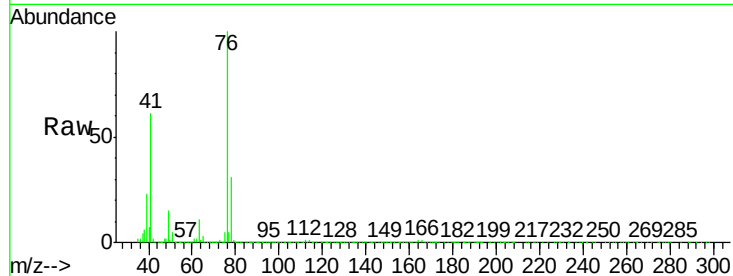
VX1230WBSD02

Tot Ion: 76 Resp: 172831

Ion Ratio Lower Upper

76 100

78 31.5 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 103.902 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014351.D

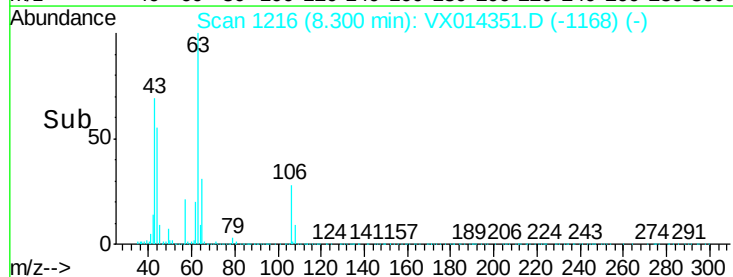
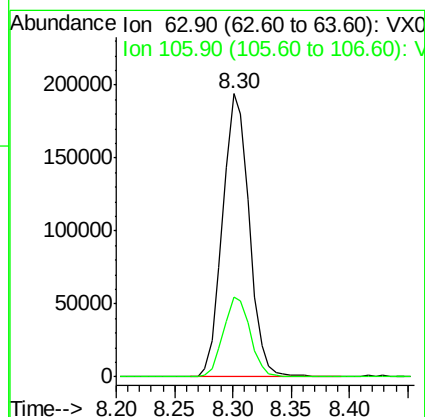
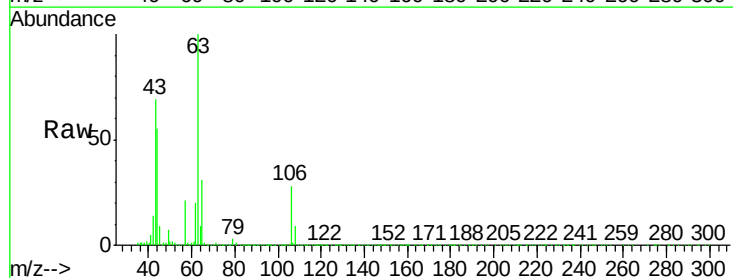
Acq: 30 Dec 2019 14:13

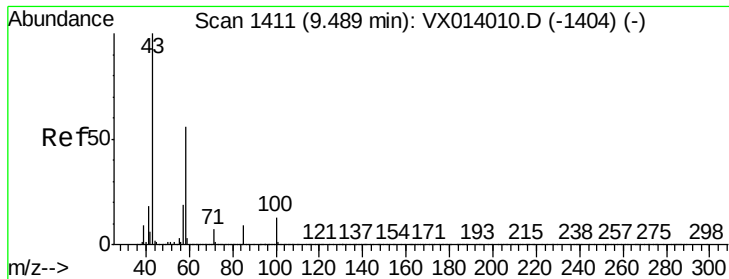
Tgt Ion: 63 Resp: 305829

Ion Ratio Lower Upper

63 100

106 28.5 23.0 34.6

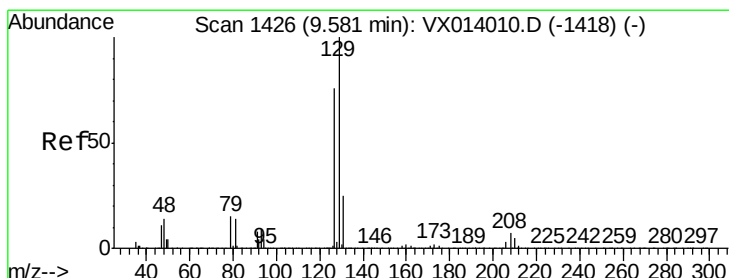
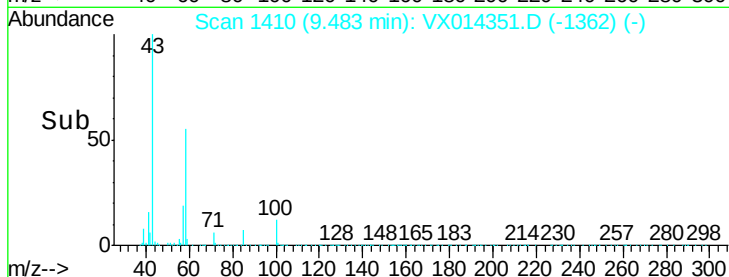
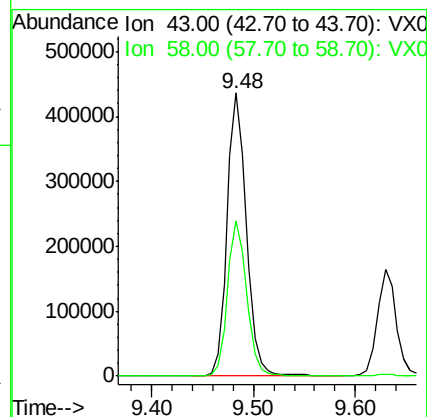
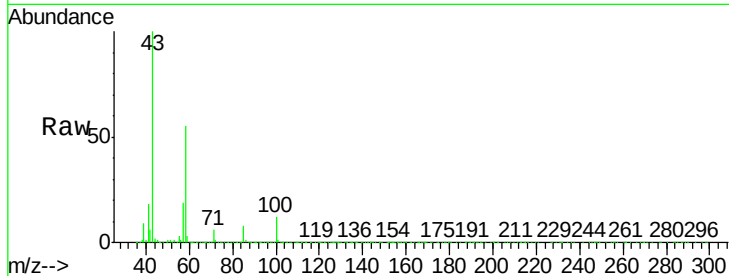




#59
2-Hexanone
Concen: 97.737 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

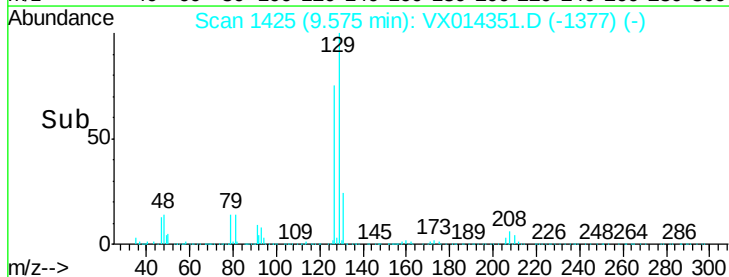
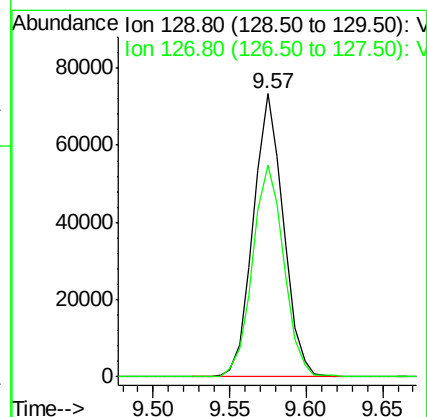
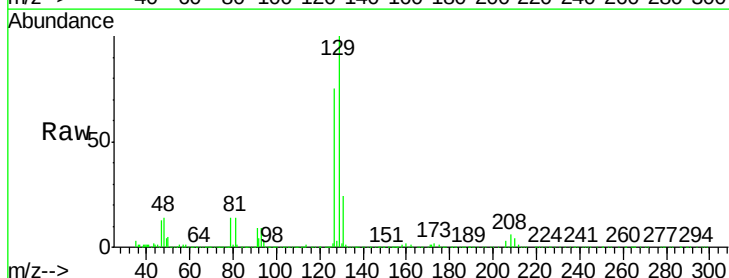
Instrument :
MSVOA_X
ClientSampleId :
VX1230WBSD02

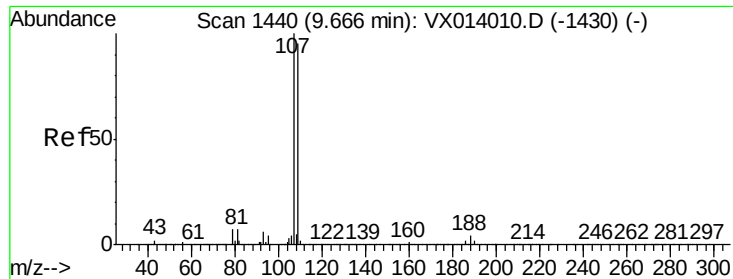
Tot Ion: 43 Resp: 573631
Ion Ratio Lower Upper
43 100
58 55.1 28.0 84.0



#60
Dibromochloromethane
Concen: 20.347 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Tgt Ion: 129 Resp: 100143
Ion Ratio Lower Upper
129 100
127 77.6 38.4 115.2





#61

1,2-Dibromoethane

Concen: 20.385 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

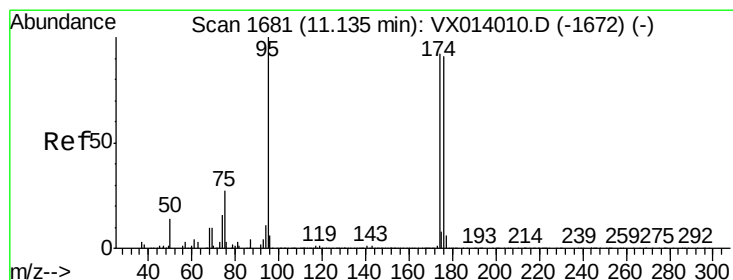
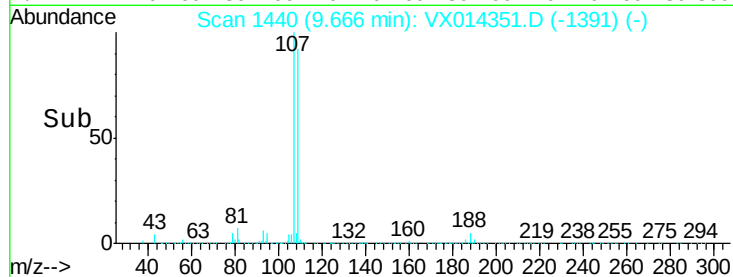
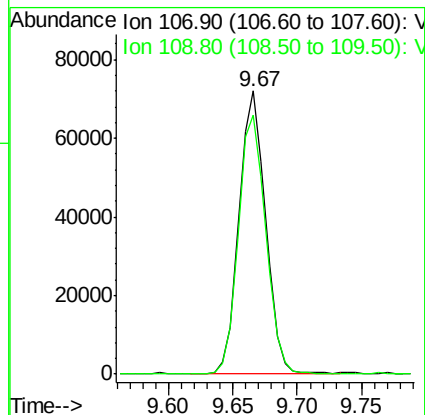
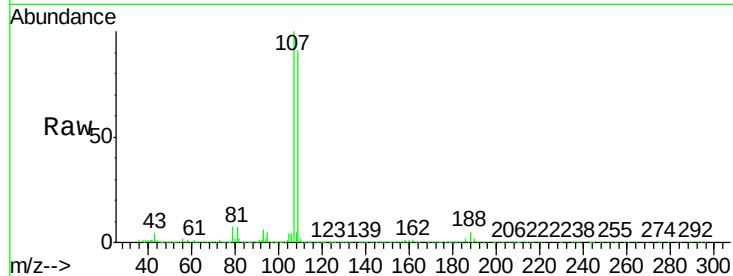
VX1230WBSD02

Tot Ion:107 Resp: 103270

Ion Ratio Lower Upper

107 100

109 93.8 75.7 113.5



#62

4-Bromofluorobenzene

Concen: 52.146 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

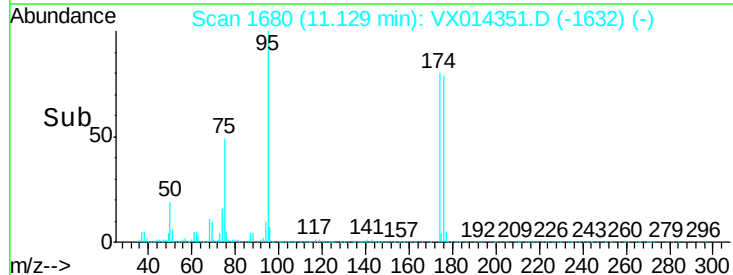
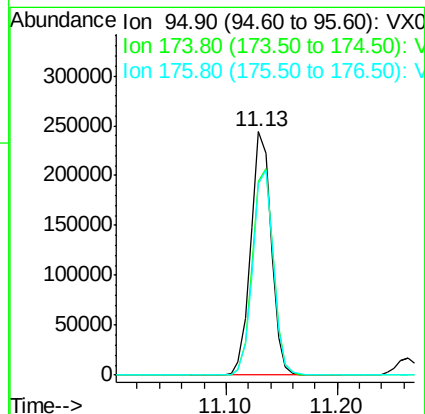
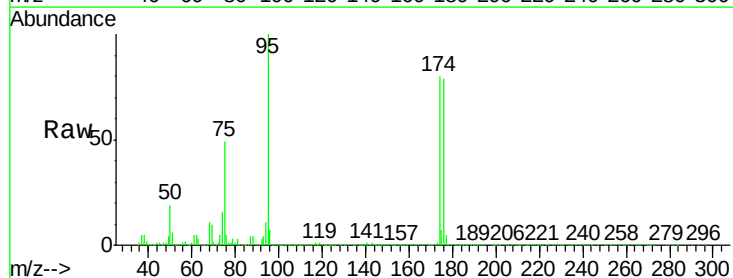
Tgt Ion: 95 Resp: 312324

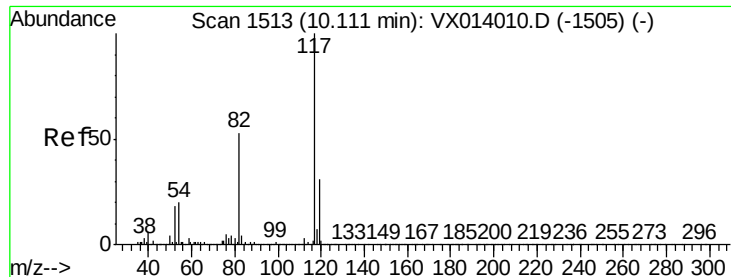
Ion Ratio Lower Upper

95 100

174 87.2 0.0 175.8

176 85.0 0.0 173.0

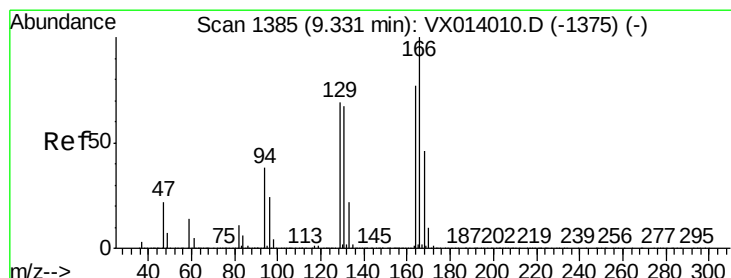
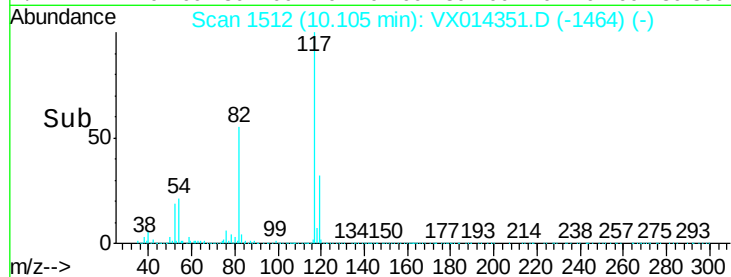
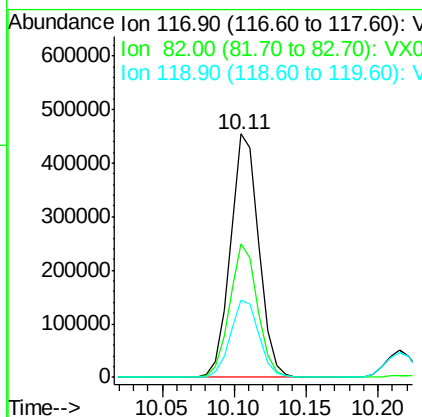
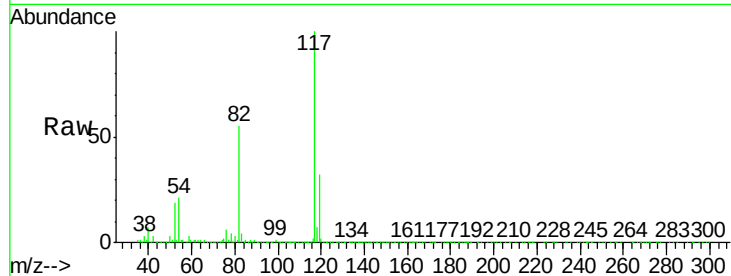




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

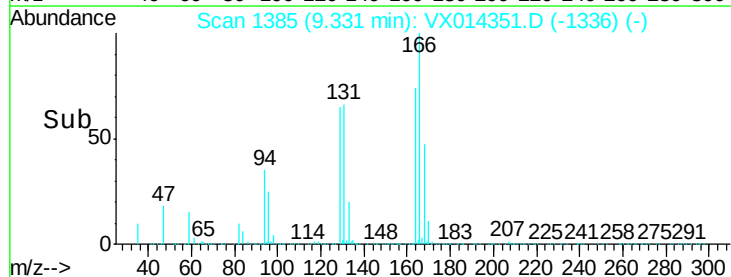
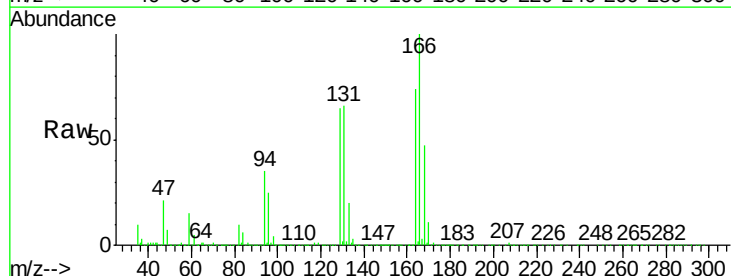
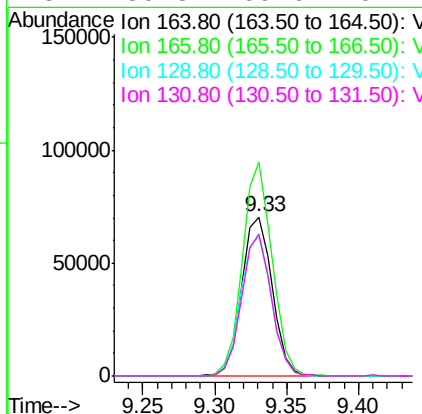
Instrument :
MSVOA_X
ClientSampleId :
VX1230WBSD02

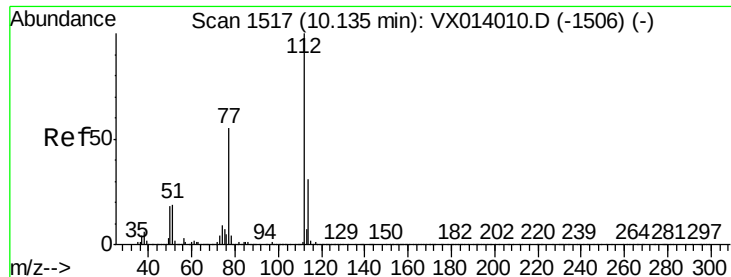
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	42.2	63.4
119	31.9	25.1	37.7



#64
Tetrachloroethene
Concen: 18.633 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	134.2	104.0	156.0
129	87.6	72.2	108.4
131	89.3	69.6	104.4





#65

Chlorobenzene

Concen: 19.239 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

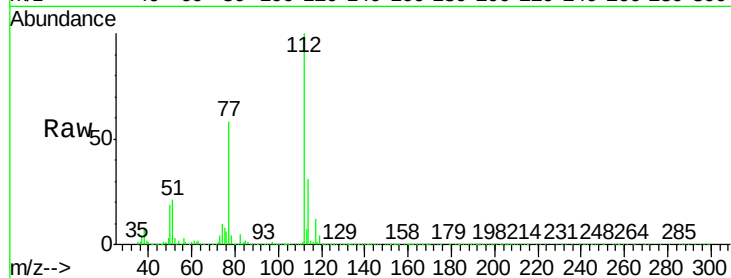
VX1230WBSD02

Tot Ion:112 Resp: 256167

Ion Ratio Lower Upper

112 100

114 31.4 24.9 37.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.13

200000

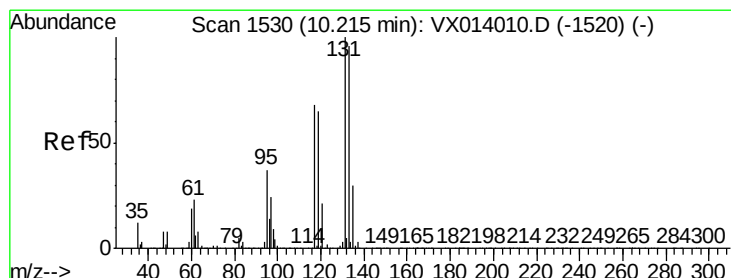
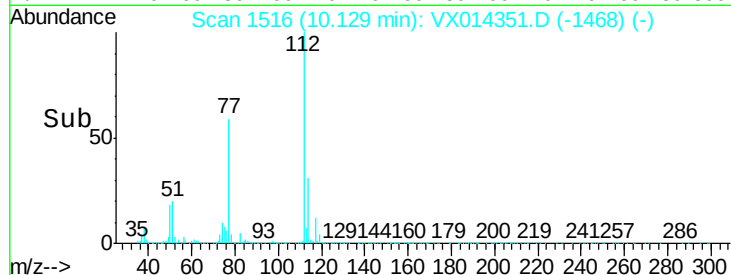
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.044 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

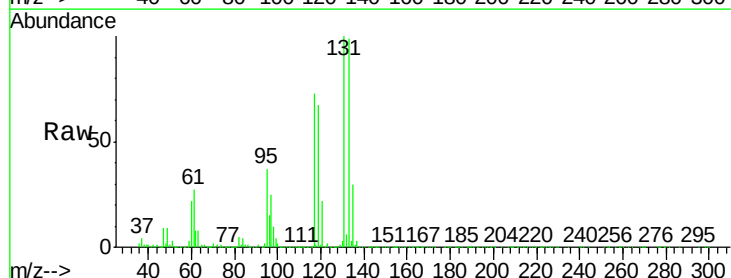
Tgt Ion:131 Resp: 95296

Ion Ratio Lower Upper

131 100

133 96.5 48.0 144.0

119 67.1 33.4 100.2



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

200000

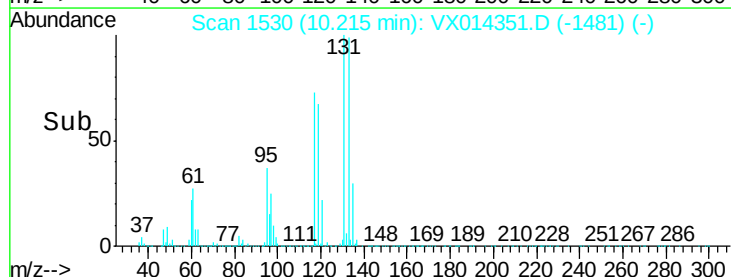
150000

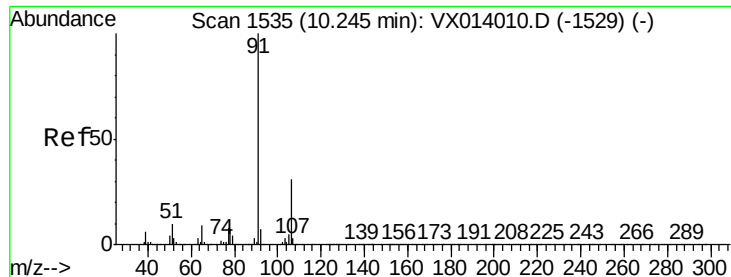
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 19.433 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

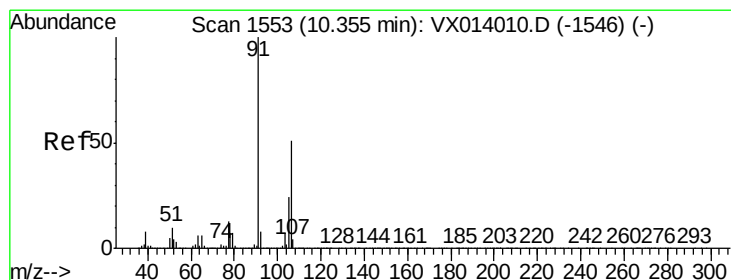
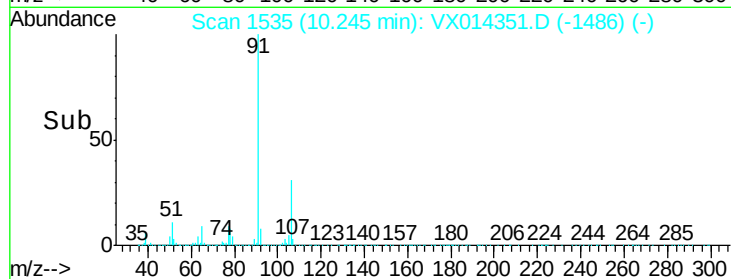
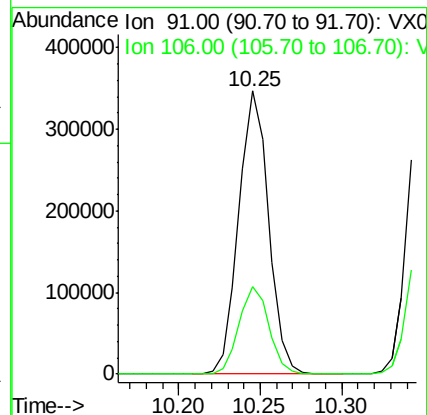
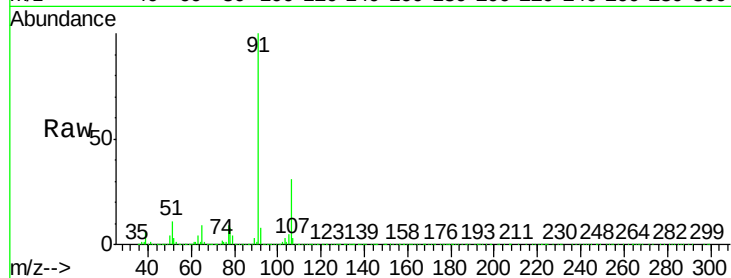
VX1230WBSD02

Tot Ion: 91 Resp: 444872

Ion Ratio Lower Upper

91 100

106 30.8 25.0 37.6



#68

m/p-Xylenes

Concen: 38.047 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014351.D

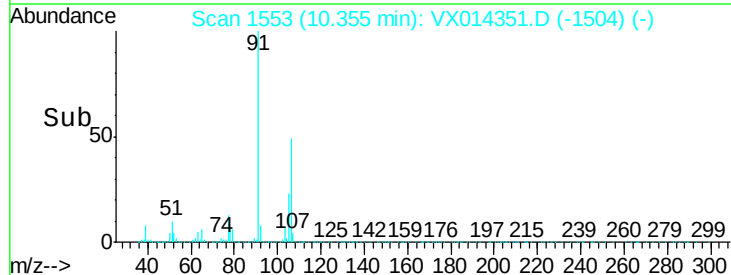
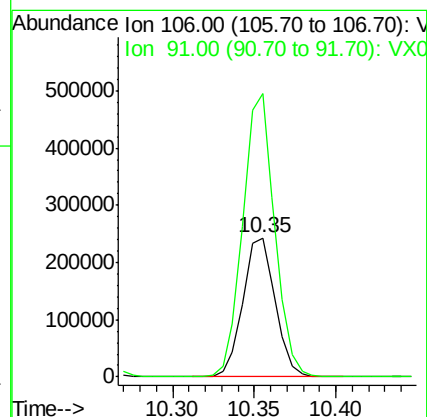
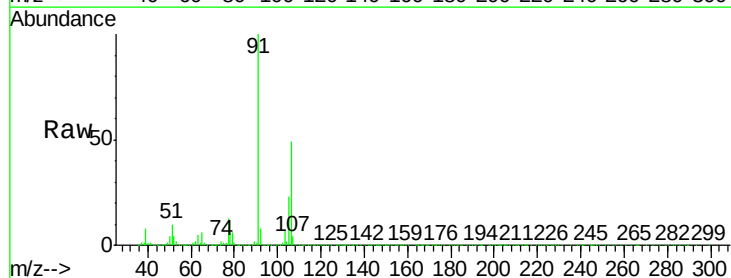
Acq: 30 Dec 2019 14:13

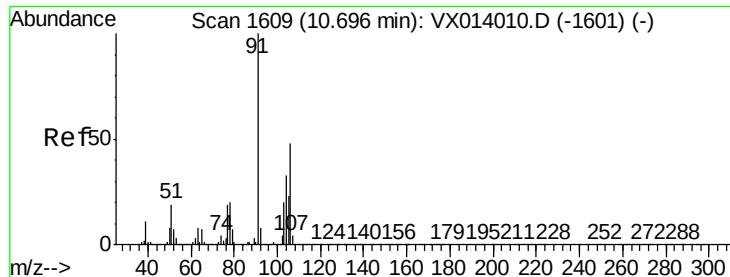
Tgt Ion: 106 Resp: 334992

Ion Ratio Lower Upper

106 100

91 201.6 158.6 238.0

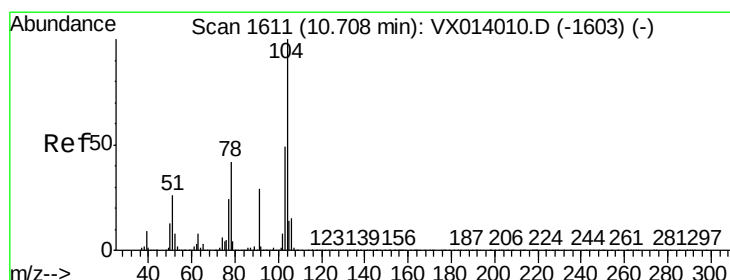
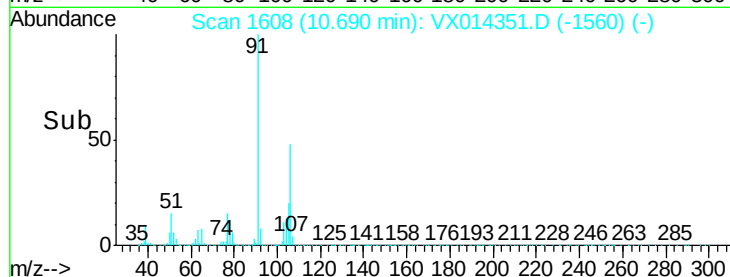
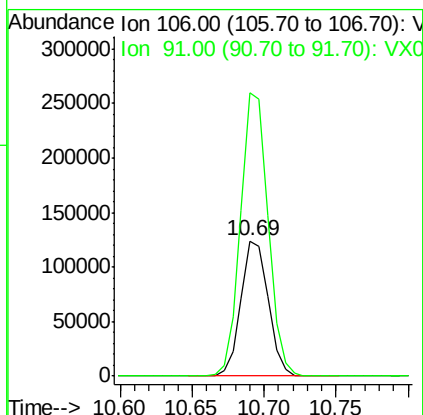
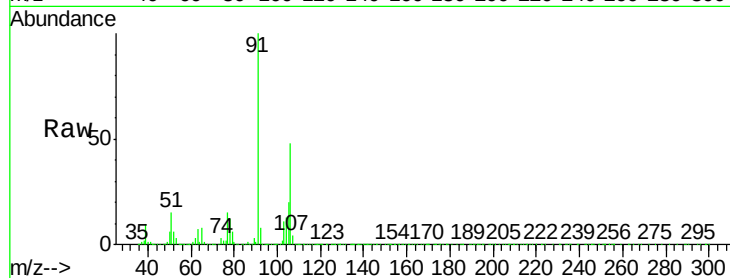




#69
o-Xylene
Concen: 18.890 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

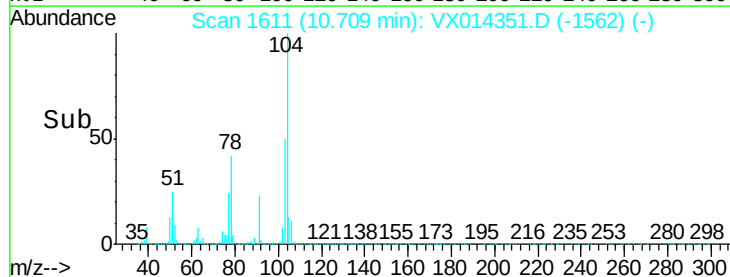
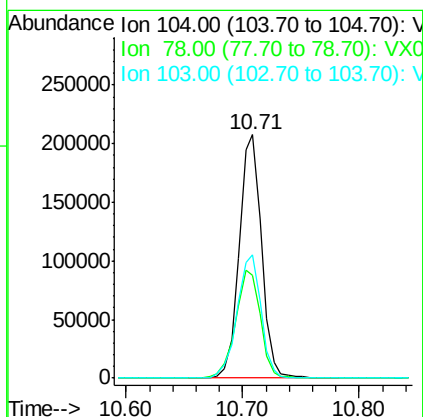
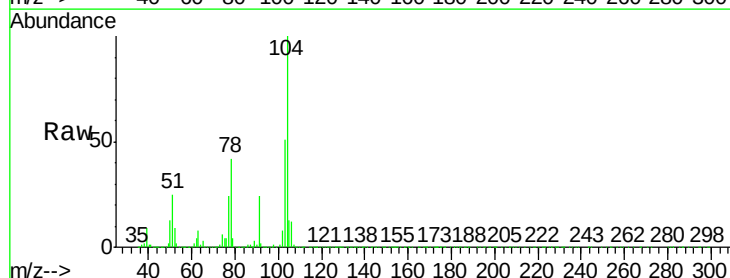
Instrument :
MSVOA_X
ClientSampleId :
VX1230WBSD02

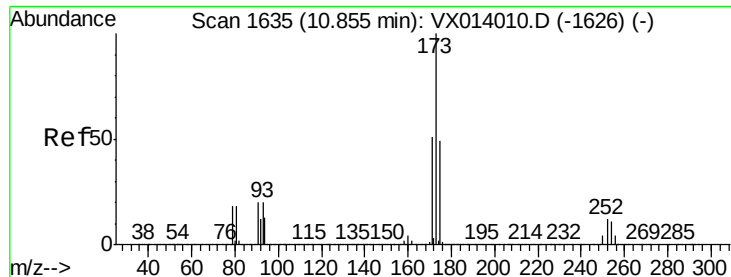
Tot Ion:106 Resp: 163123
Ion Ratio Lower Upper
106 100
91 211.5 104.2 312.6



#70
Styrene
Concen: 19.033 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Tgt Ion:104 Resp: 277912
Ion Ratio Lower Upper
104 100
78 49.1 38.5 57.7
103 54.1 42.9 64.3





#71

Bromoform

Concen: 19.803 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBSD02

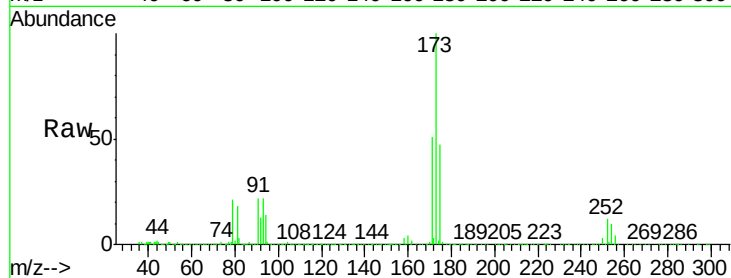
Tot Ion:173 Resp: 75680

Ion Ratio Lower Upper

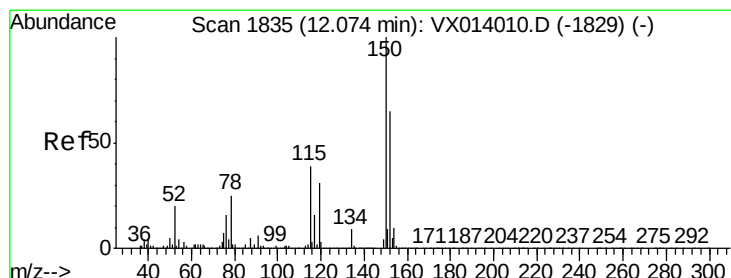
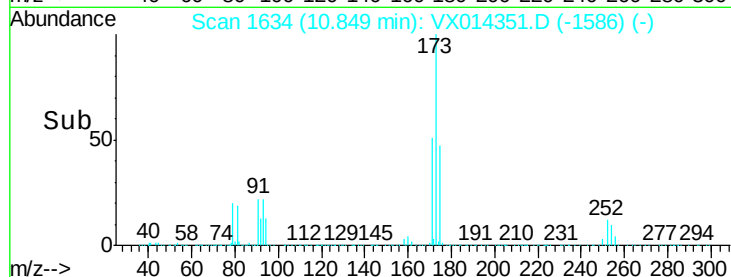
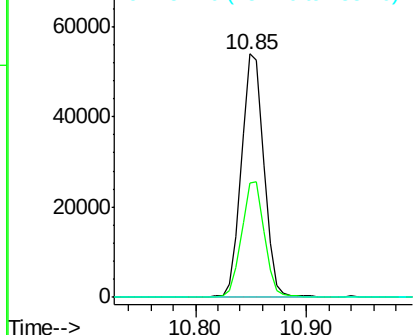
173 100

175 48.0 24.4 73.4

254 0.4 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: VX014351.D

Acq: 30 Dec 2019 14:13

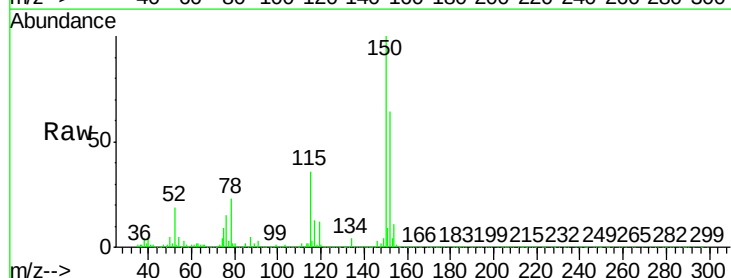
Tgt Ion:152 Resp: 306093

Ion Ratio Lower Upper

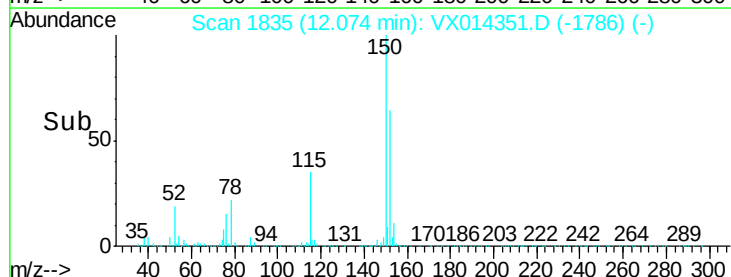
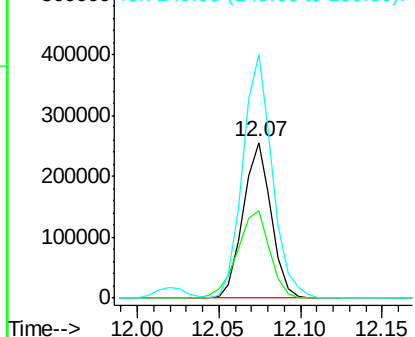
152 100

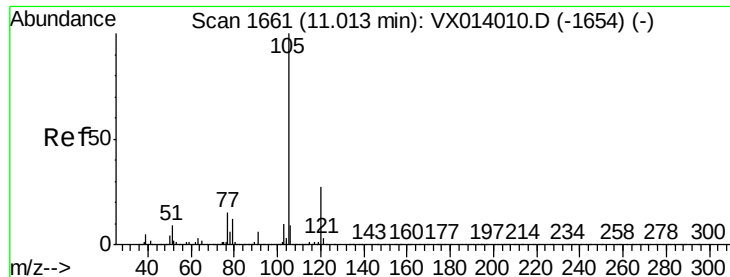
115 65.1 38.3 114.9

150 164.9 0.0 345.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.389 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

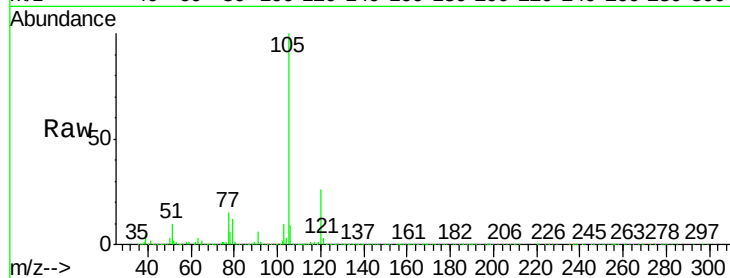
VX1230WBSD02

Tot Ion:105 Resp: 439415

Ion Ratio Lower Upper

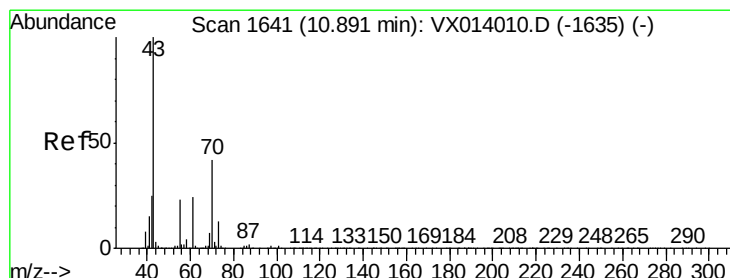
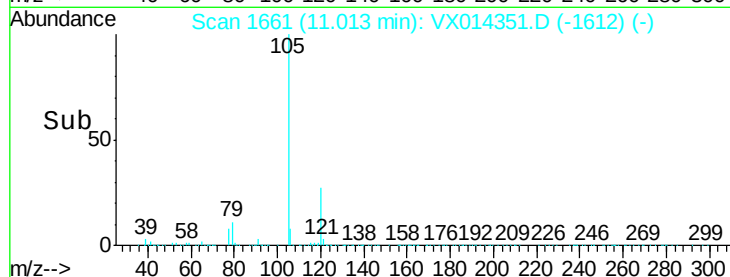
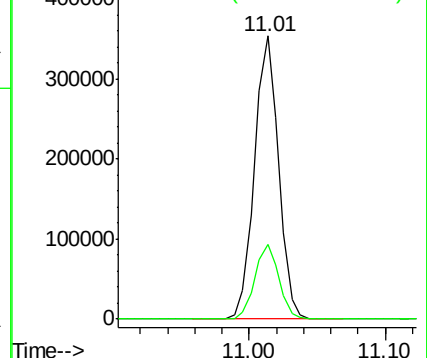
105 100

120 26.4 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.716 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Tgt Ion: 43 Resp: 199175

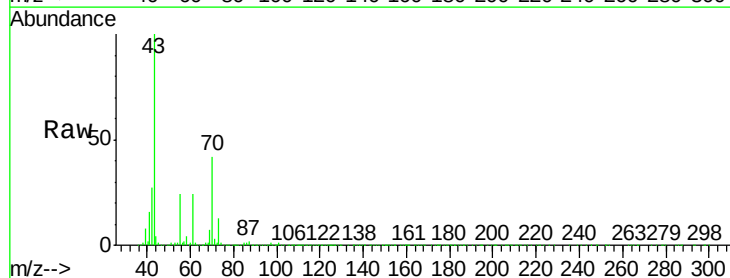
Ion Ratio Lower Upper

43 100

70 43.5 34.4 51.6

55 24.8 19.1 28.7

61 24.4 19.7 29.5

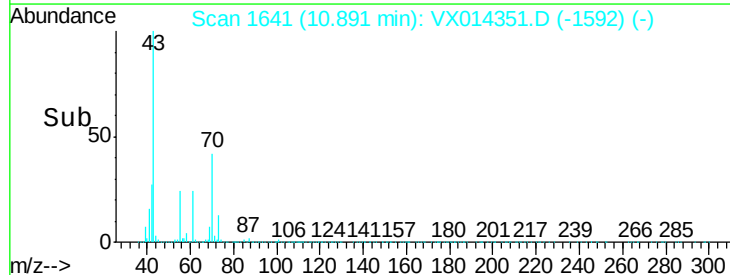
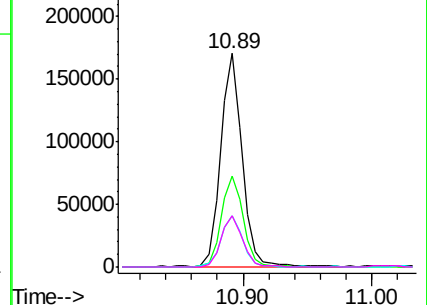


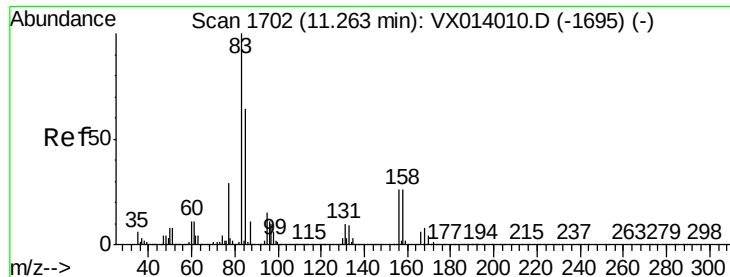
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.569 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBSD02

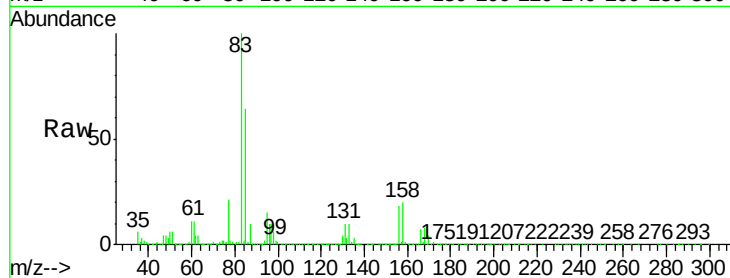
Tot Ion: 83 Resp: 153685

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.2

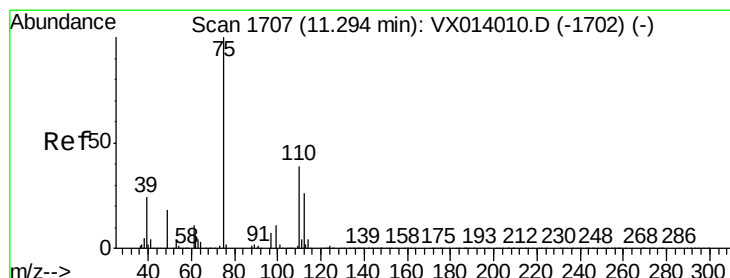
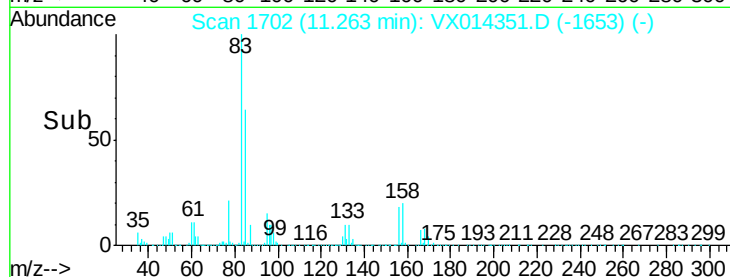
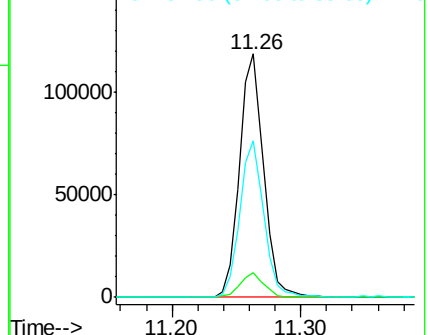
85 64.8 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.640 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014351.D

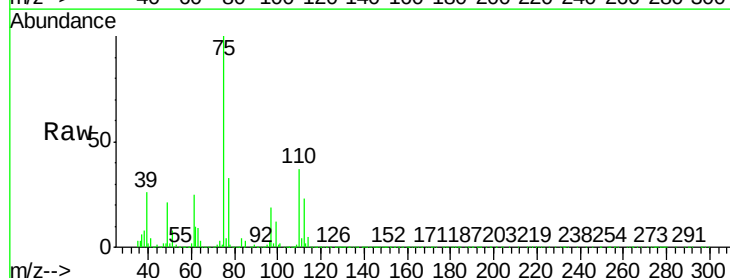
Acq: 30 Dec 2019 14:13

Tgt Ion: 75 Resp: 170382

Ion Ratio Lower Upper

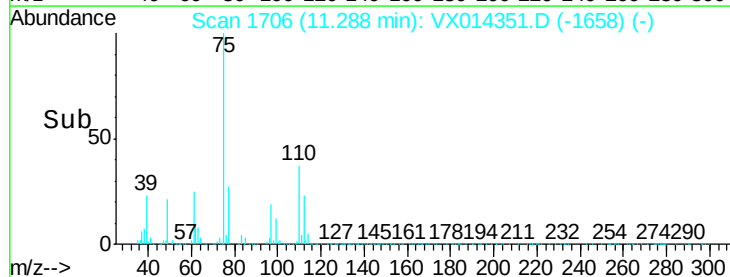
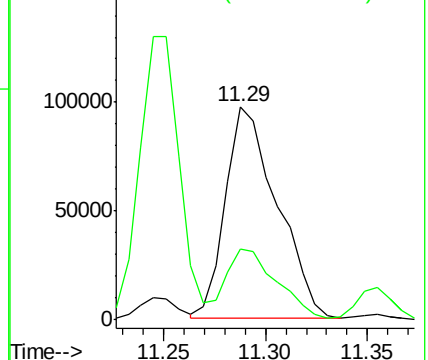
75 100

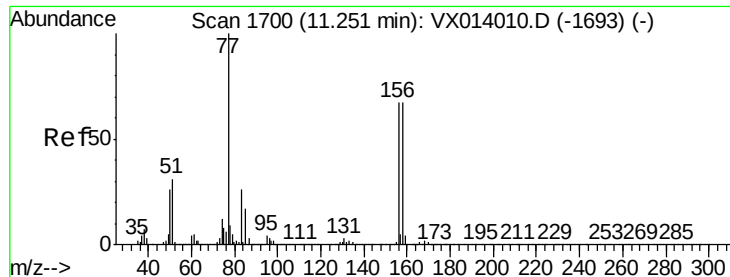
77 33.3 19.3 57.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.494 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBSD02

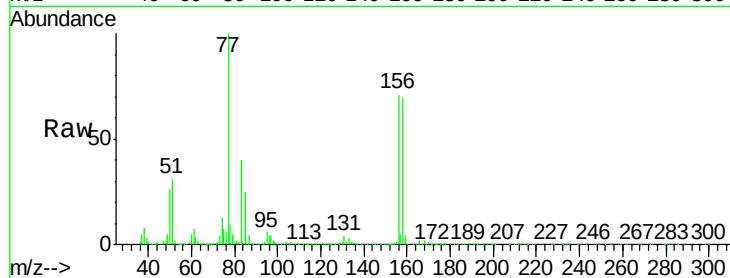
Tot Ion:156 Resp: 115592

Ion Ratio Lower Upper

156 100

77 151.6 76.5 229.5

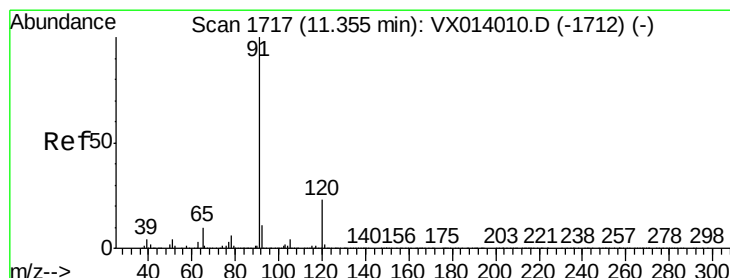
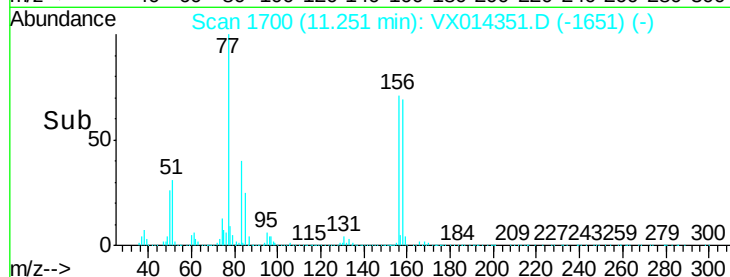
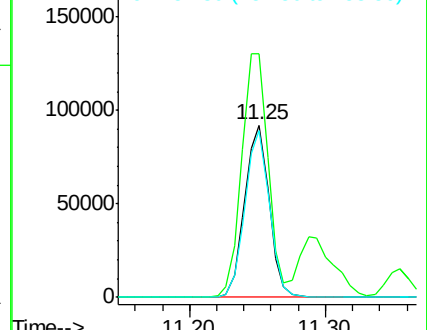
158 97.1 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.314 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014351.D

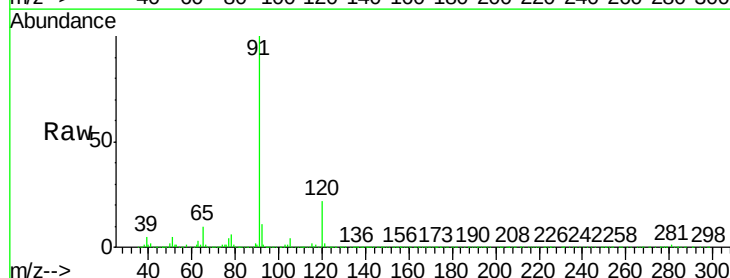
Acq: 30 Dec 2019 14:13

Tgt Ion: 91 Resp: 491072

Ion Ratio Lower Upper

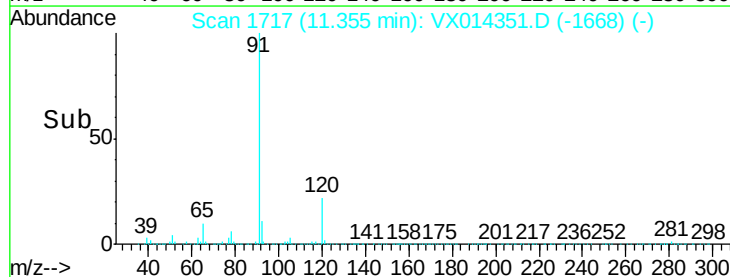
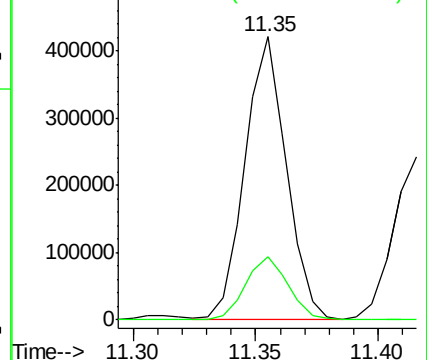
91 100

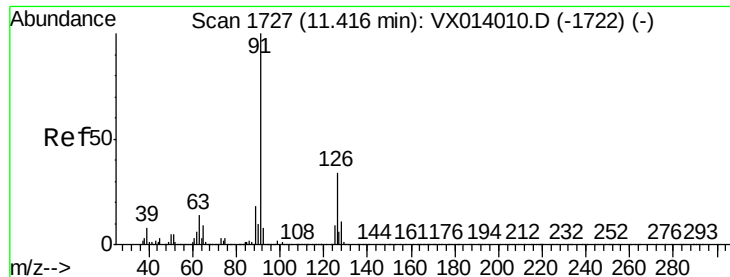
120 23.0 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.190 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

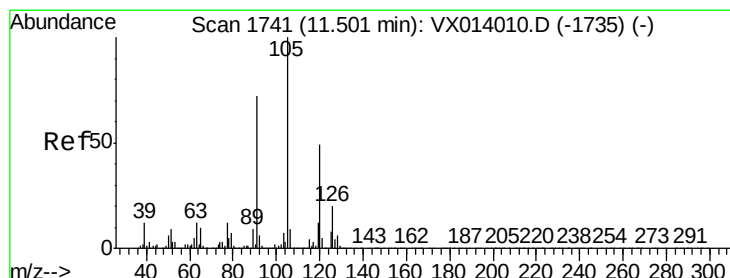
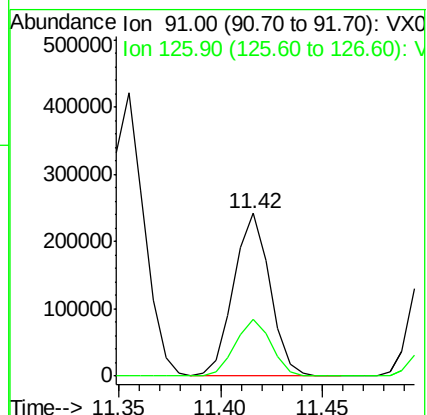
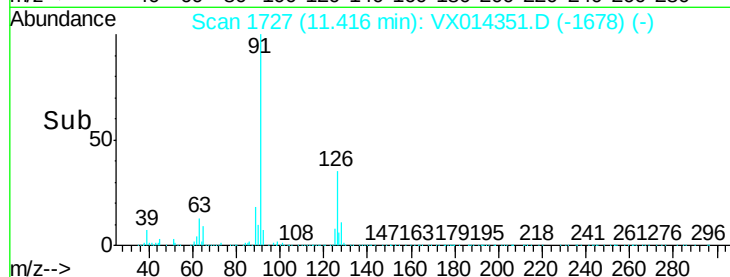
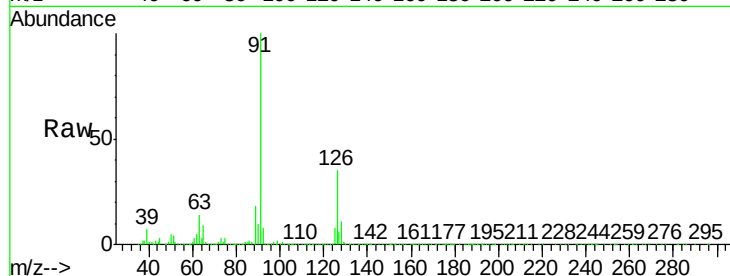
VX1230WBSD02

Tot Ion: 91 Resp: 296685

Ion Ratio Lower Upper

91 100

126 34.7 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 20.035 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014351.D

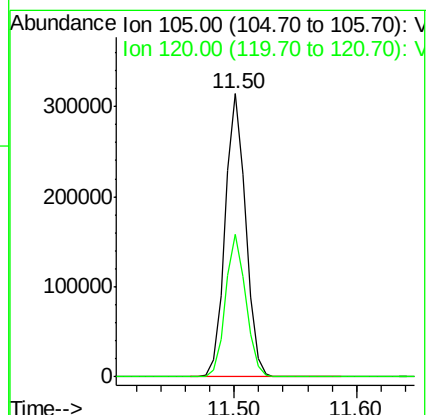
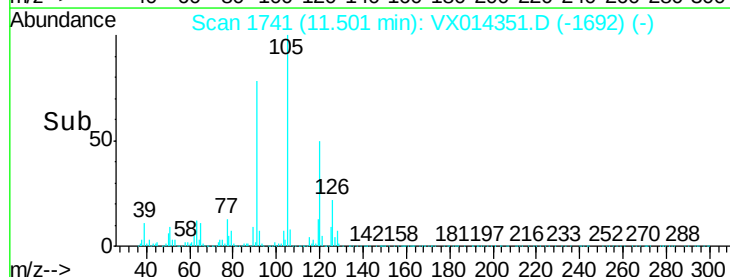
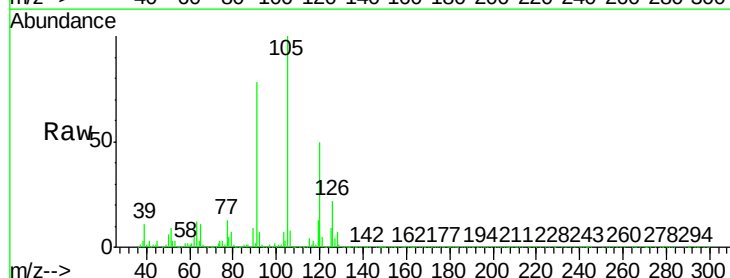
Acq: 30 Dec 2019 14:13

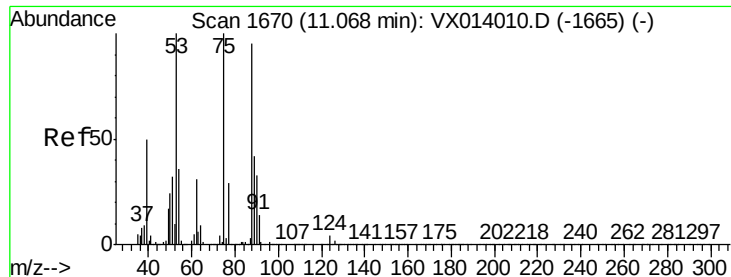
Tgt Ion: 105 Resp: 363397

Ion Ratio Lower Upper

105 100

120 49.6 25.3 75.8

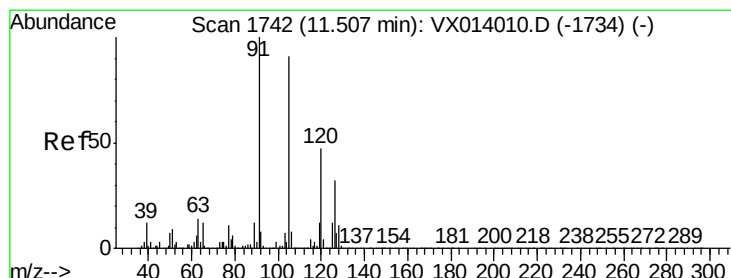
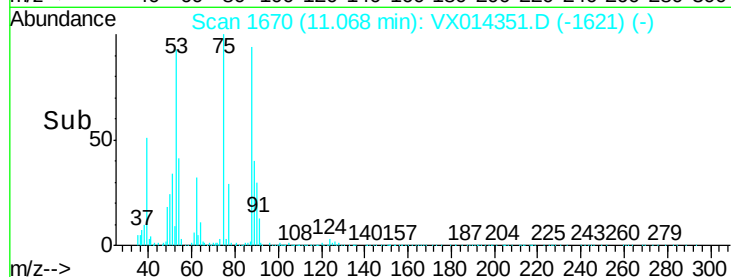
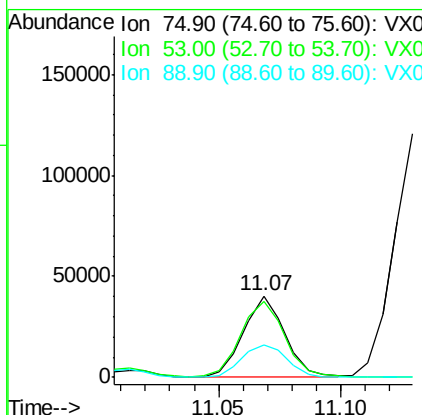
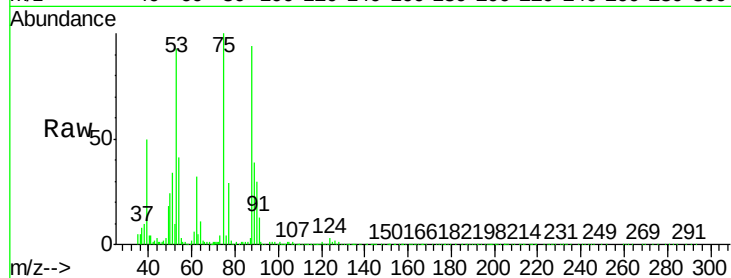




#81
trans-1,4-Dichloro-2-butene
Concen: 19.918 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

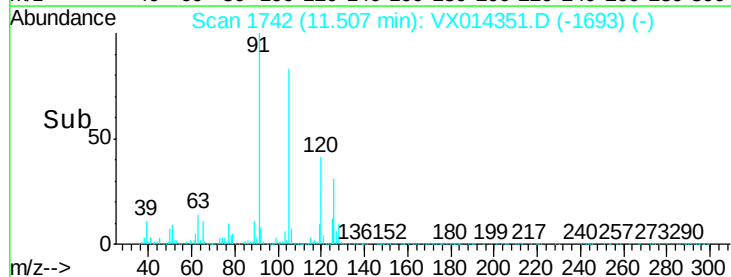
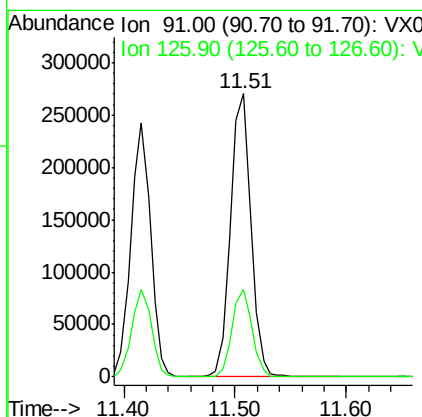
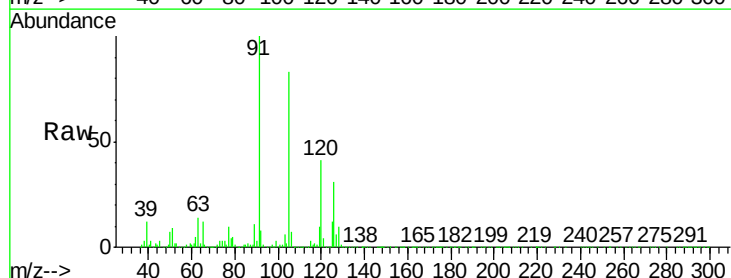
Instrument :
MSVOA_X
ClientSampleId :
VX1230WBSD02

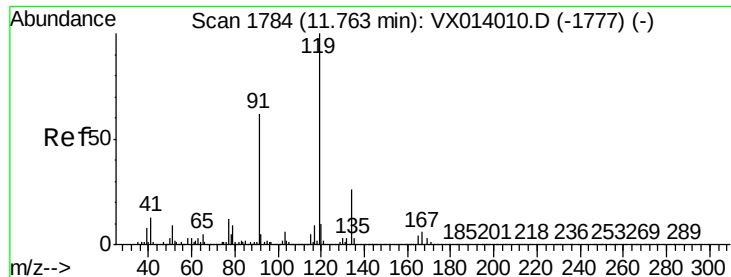
Tot Ion: 75 Resp: 46895
Ion Ratio Lower Upper
75 100
53 99.7 76.7 115.1
89 44.9 34.6 51.8



#82
4-Chlorotoluene
Concen: 20.089 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Tgt Ion: 91 Resp: 342424
Ion Ratio Lower Upper
91 100
126 30.0 15.6 46.8





#83

tert-Butylbenzene

Concen: 20.034 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBSD02

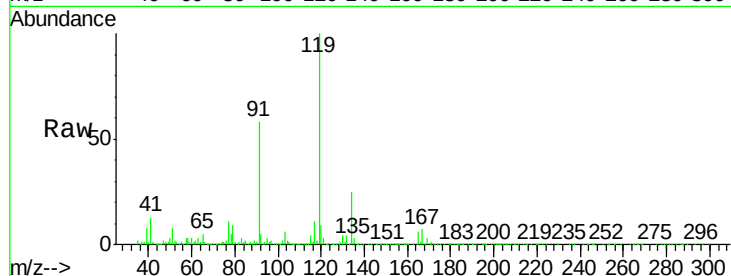
Tot Ion:119 Resp: 353623

Ion Ratio Lower Upper

119 100

91 56.0 28.5 85.6

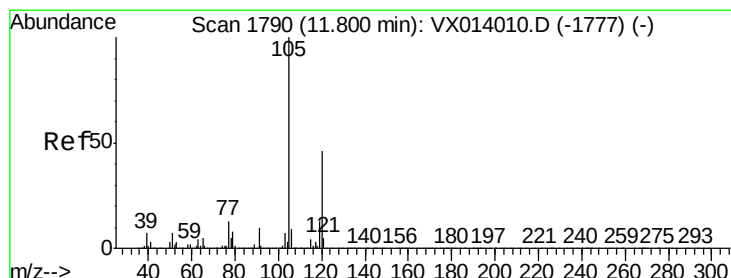
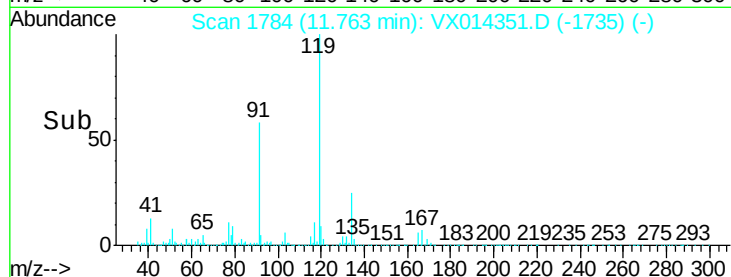
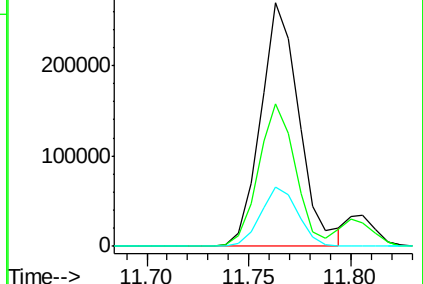
134 23.8 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.835 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX014351.D

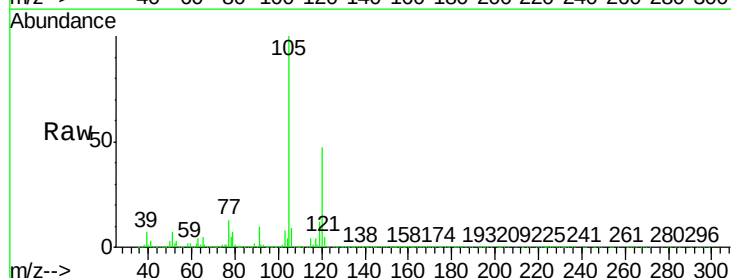
Acq: 30 Dec 2019 14:13

Tgt Ion:105 Resp: 360281

Ion Ratio Lower Upper

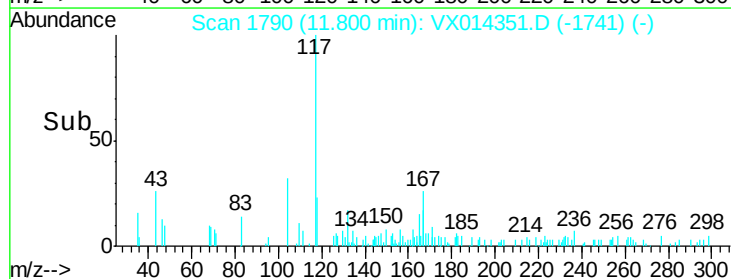
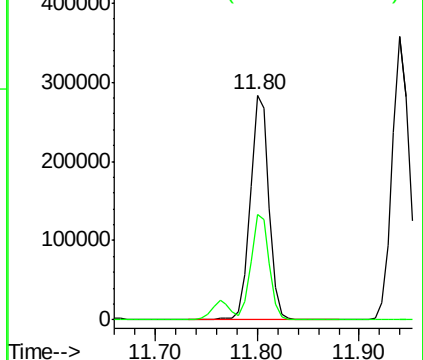
105 100

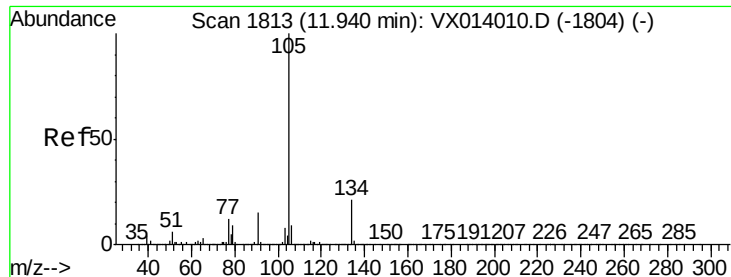
120 46.0 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.263 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

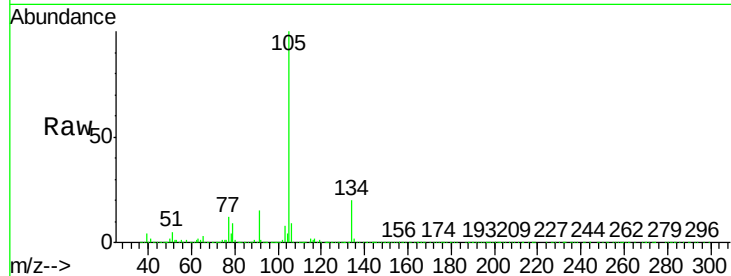
VX1230WBSD02

Tot Ion:105 Resp: 422238

Ion Ratio Lower Upper

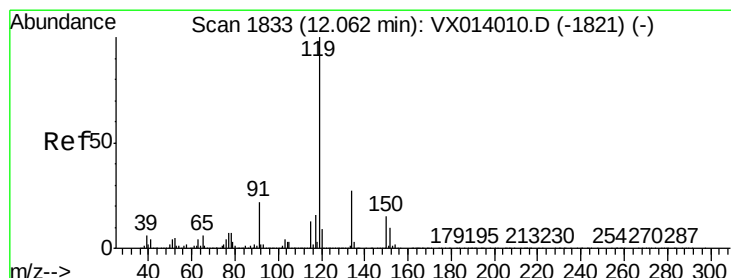
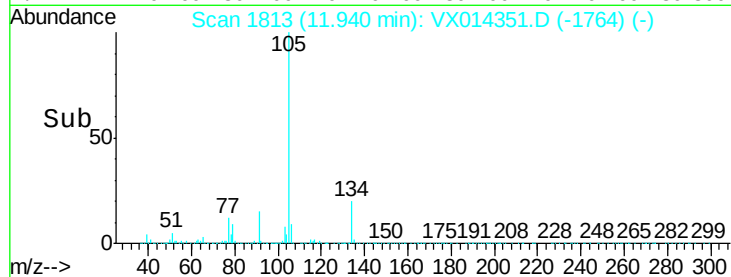
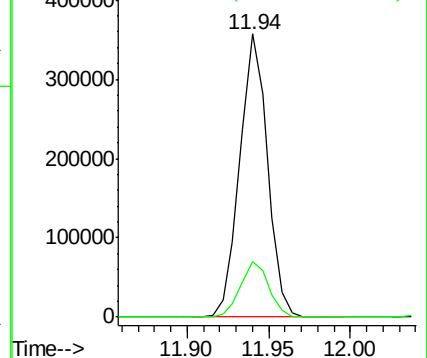
105 100

134 20.3 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.228 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

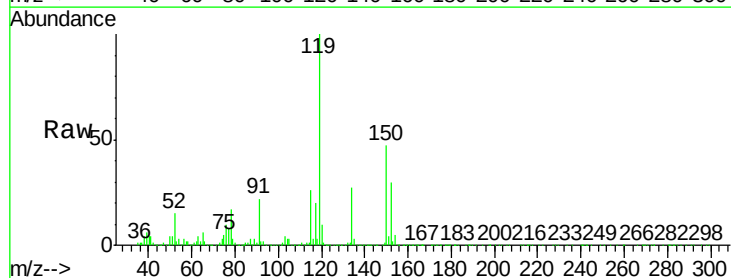
Tgt Ion:119 Resp: 385554

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

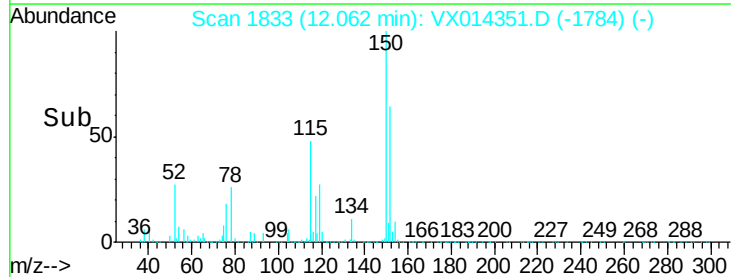
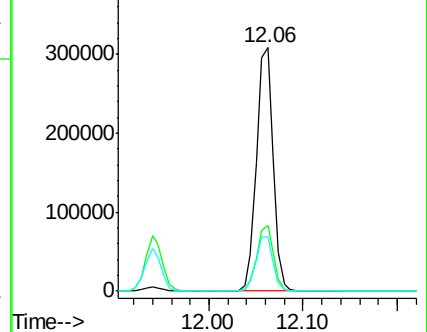
91 22.5 11.4 34.1

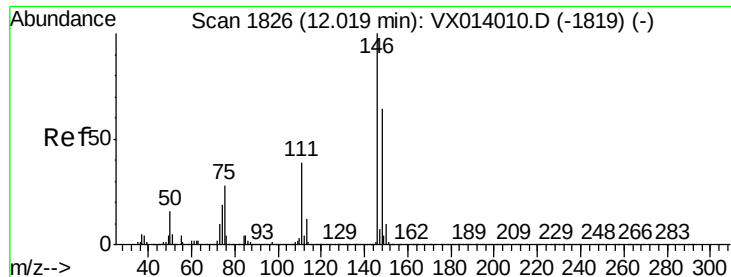


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

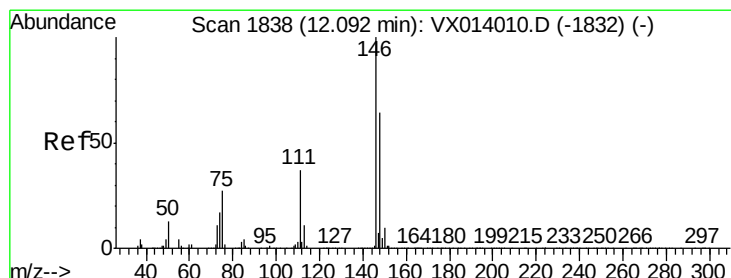
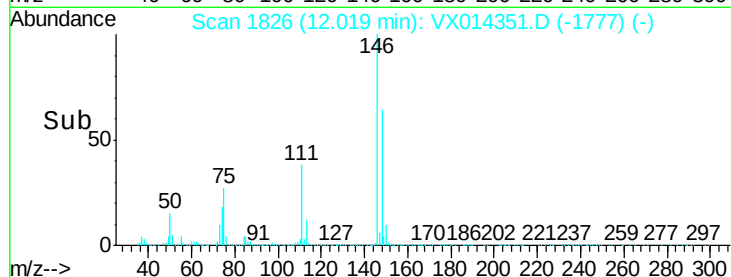
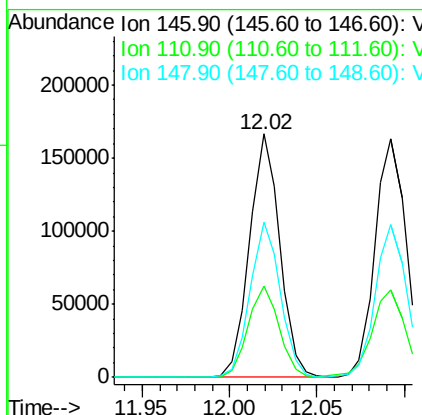
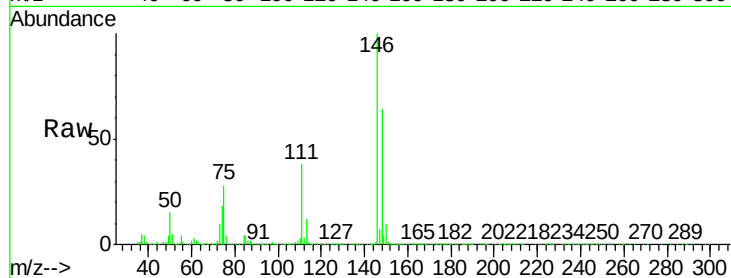




#87
 1,3-Dichlorobenzene
 Concen: 19.349 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014351.D
 Acq: 30 Dec 2019 14:13

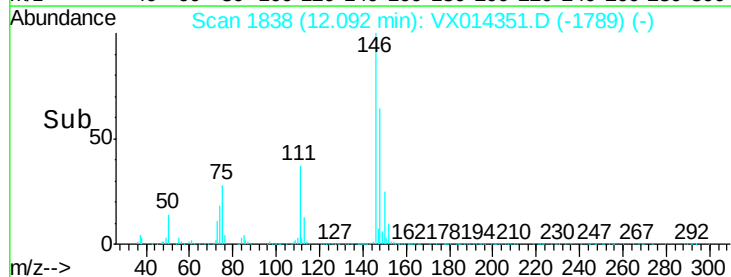
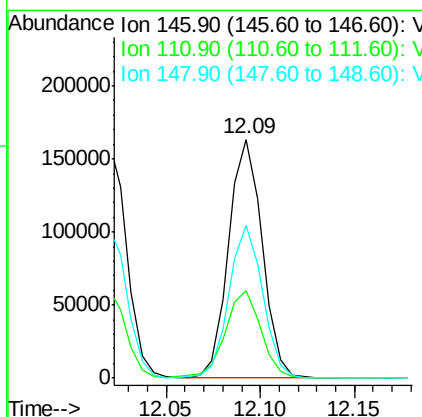
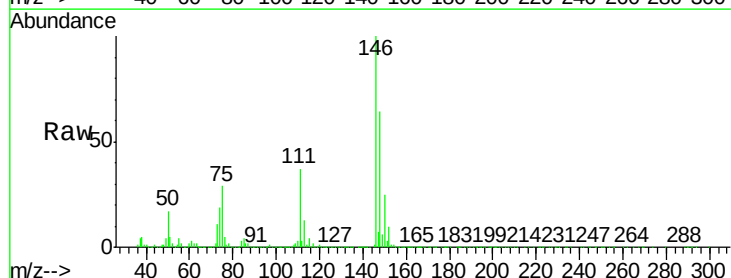
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1230WBSD02

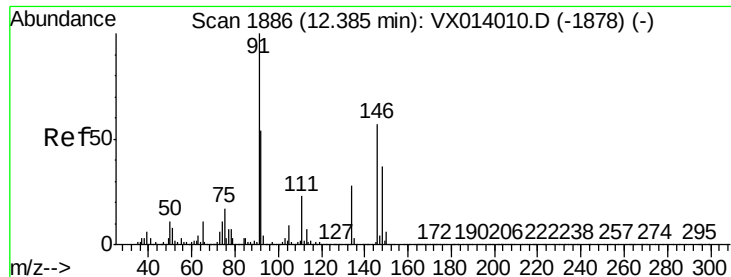
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.1	57.1
148	63.6	32.3	96.9



#88
 1,4-Dichlorobenzene
 Concen: 19.091 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014351.D
 Acq: 30 Dec 2019 14:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.7	56.1
148	64.1	31.9	95.9





#89

n-Butylbenzene

Concen: 19.969 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBSD02

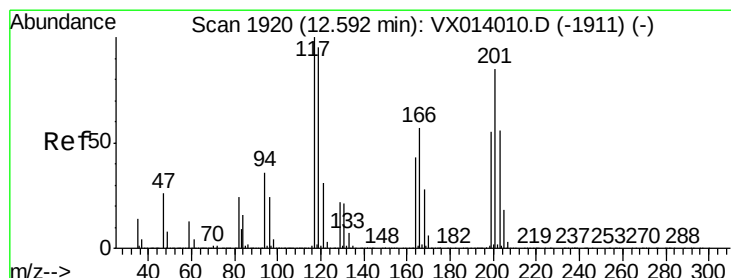
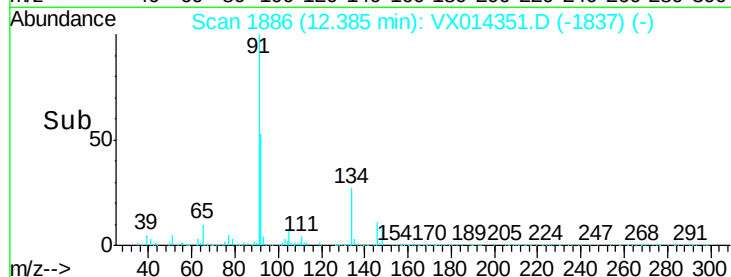
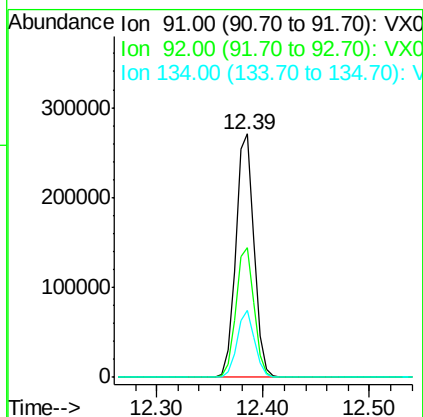
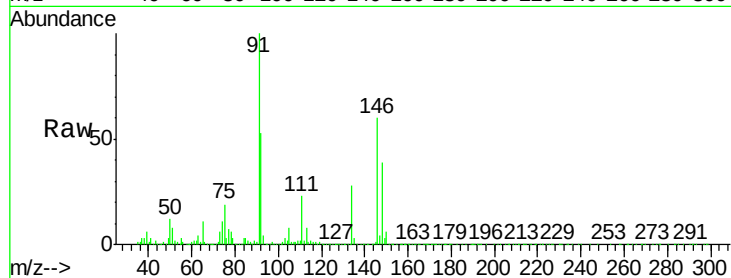
Tot Ion: 91 Resp: 324776

Ion Ratio Lower Upper

91 100

92 53.2 27.2 81.6

134 26.7 13.4 40.1



#90

Hexachloroethane

Concen: 19.750 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014351.D

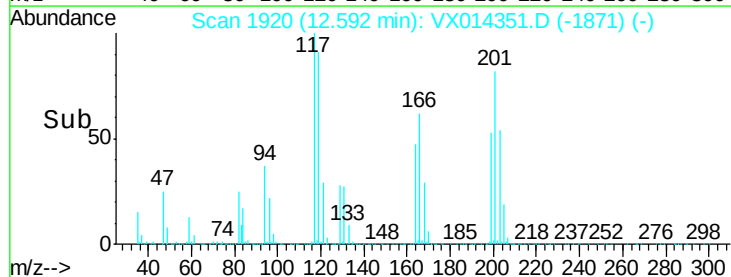
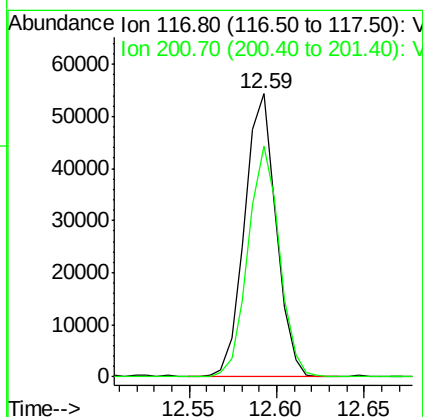
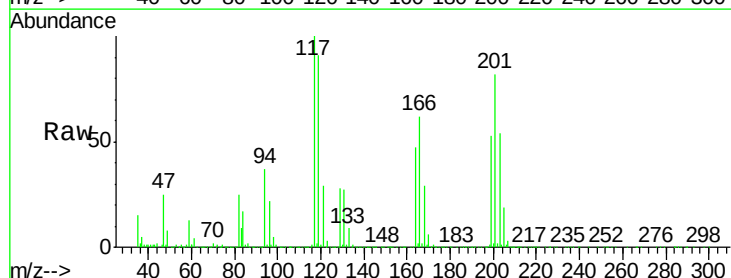
Acq: 30 Dec 2019 14:13

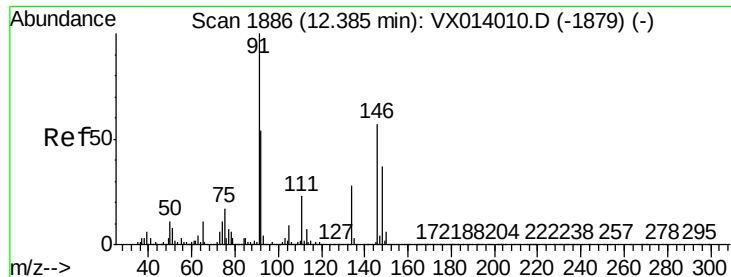
Tgt Ion: 117 Resp: 67615

Ion Ratio Lower Upper

117 100

201 81.4 43.1 129.3

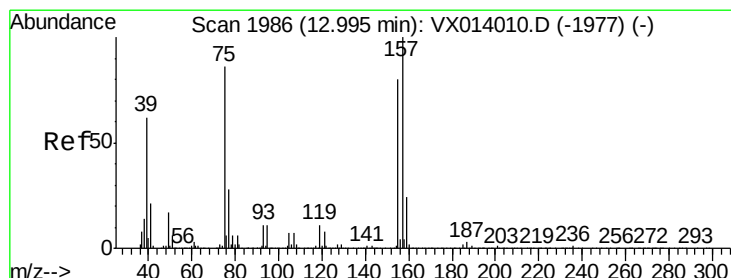
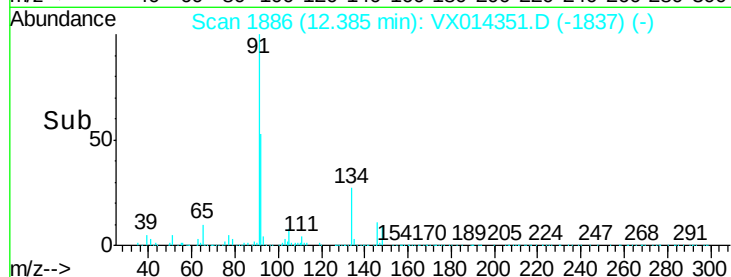
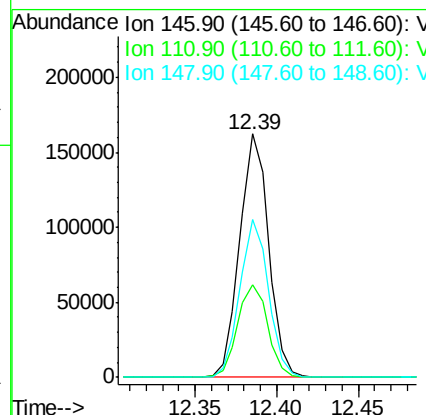
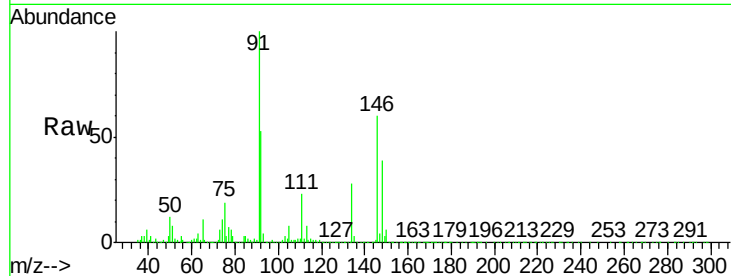




#91
 1,2-Dichlorobenzene
 Concen: 19.246 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014351.D
 Acq: 30 Dec 2019 14:13

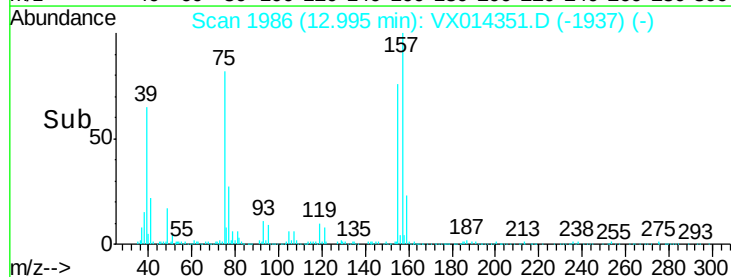
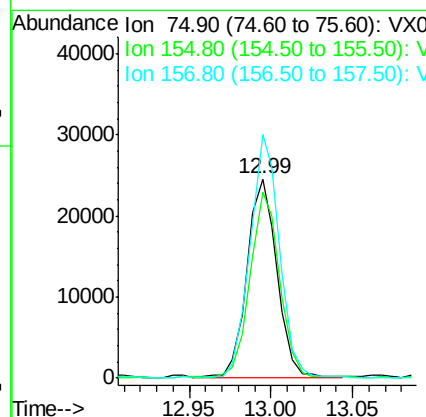
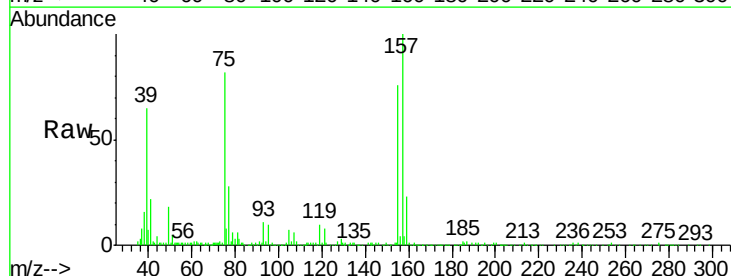
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1230WBSD02

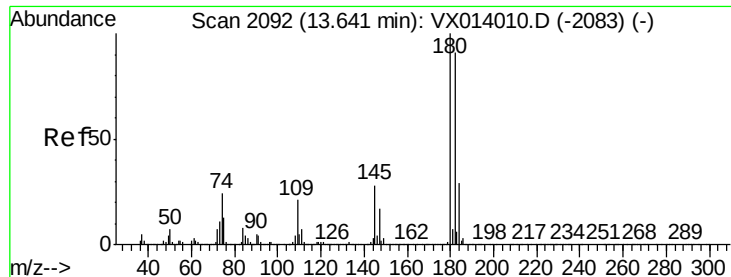
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.7	59.1
148	63.8	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.891 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014351.D
 Acq: 30 Dec 2019 14:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.3	46.9	140.6
157	122.3	60.8	182.4

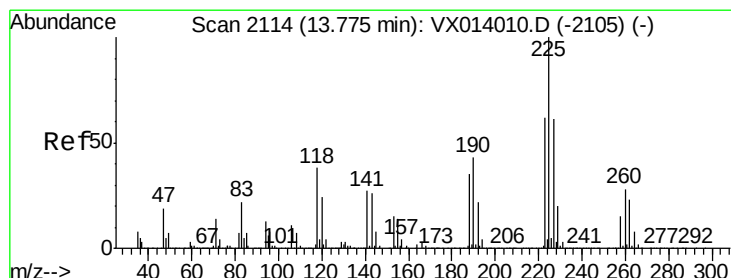
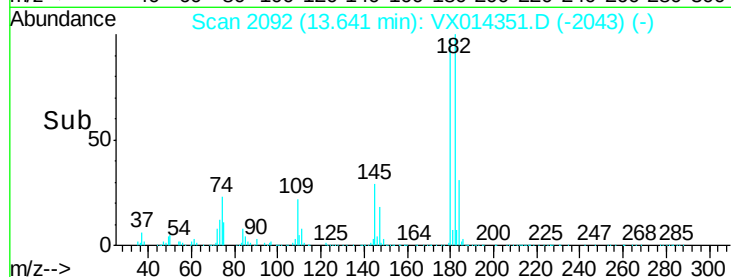
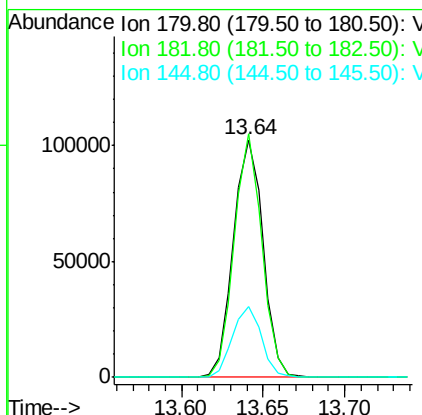
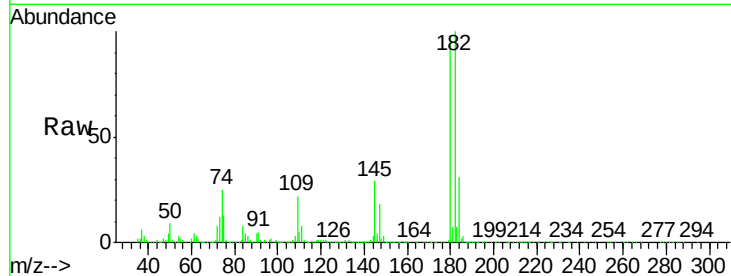




#93
 1,2,4-Trichlorobenzene
 Concen: 19.251 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014351.D
 Acq: 30 Dec 2019 14:13

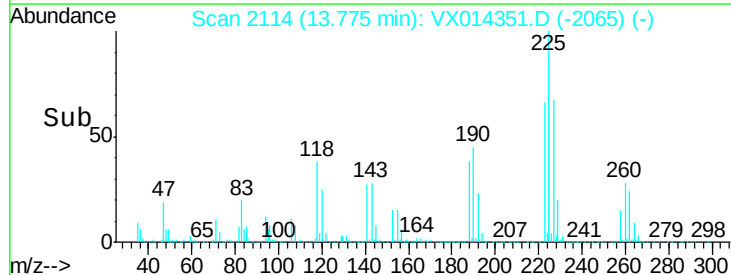
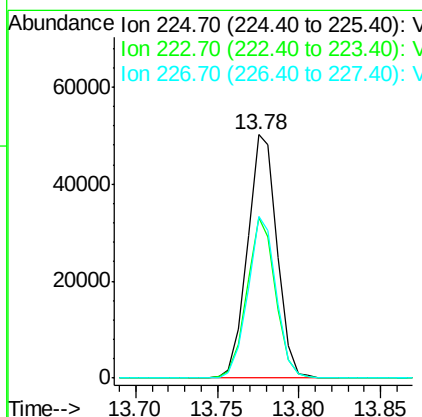
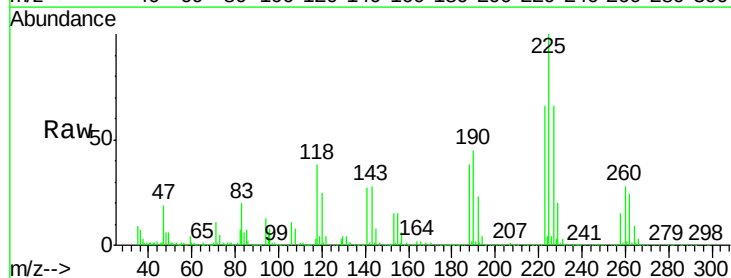
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1230WBSD02

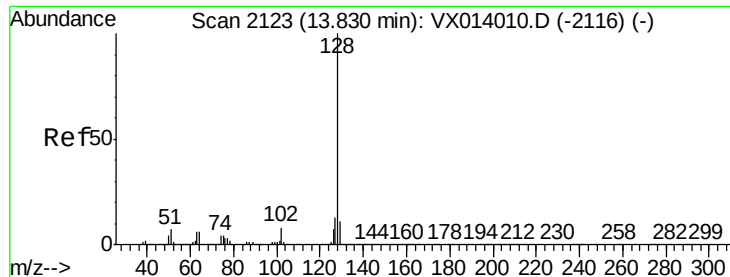
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	46.6	139.8
145	29.3	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 19.413 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014351.D
 Acq: 30 Dec 2019 14:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	30.9	92.5
227	63.8	30.9	92.7

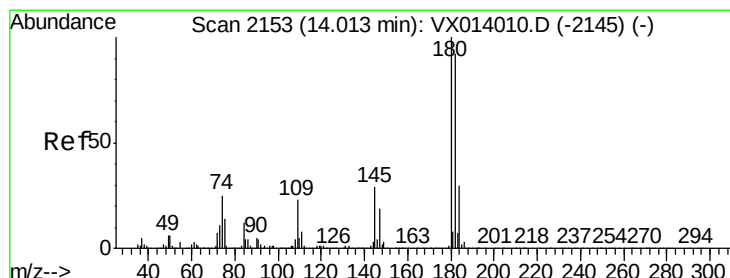
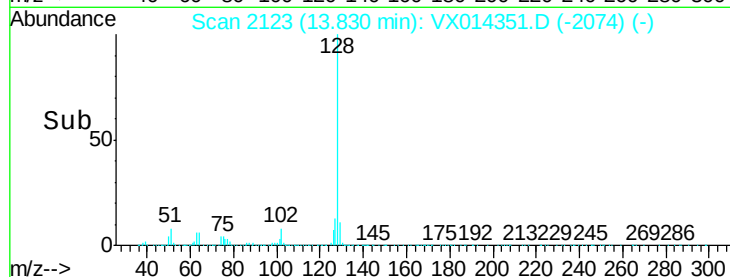
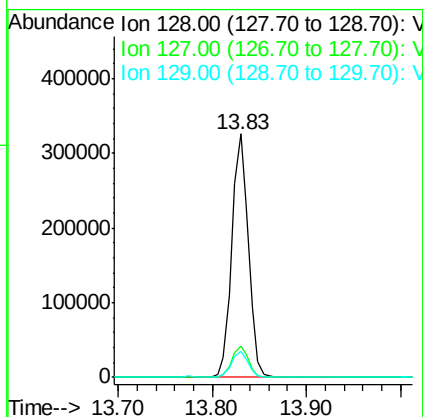
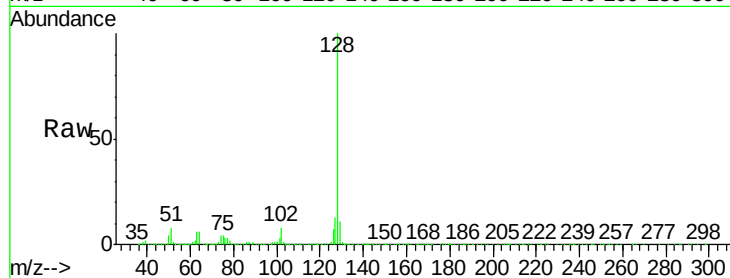




#95
Naphthalene
Concen: 19.884 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBSD02

Tot Ion:128 Resp: 397217
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.861 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Tgt Ion:180 Resp: 133306
Ion Ratio Lower Upper
180 100
182 95.9 46.8 140.3
145 30.3 14.8 44.4

