

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX101419\
 Data File : VX013052.D
 Acq On : 14 Oct 2019 15:19
 Operator : JC/SP
 Sample : VN1014WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014WBSD01

Quant Time: Oct 15 01:26:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 09:48:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	181740	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	303654	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	270973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	124971	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	116021	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
35) Dibromofluoromethane	5.49	113	91950	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
50) Toluene-d8	8.71	98	348845	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
62) 4-Bromofluorobenzene	11.14	95	130869	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	34940	18.861	ug/l	99
3) Chloromethane	1.32	50	37145	18.424	ug/l	98
4) Vinyl Chloride	1.40	62	37684	18.109	ug/l	95
5) Bromomethane	1.63	94	18261	21.110	ug/l	99
6) Chloroethane	1.72	64	25814	20.527	ug/l	100
7) Trichlorofluoromethane	1.92	101	56404	20.082	ug/l	96
8) Diethyl Ether	2.18	74	22693	20.017	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	36082	19.850	ug/l	99
10) Methyl Iodide	2.50	142	33803	19.828	ug/l	98
11) Tert butyl alcohol	3.03	59	57461	95.425	ug/l	98
12) 1,1-Dichloroethene	2.36	96	35130	19.128	ug/l	96
13) Acrolein	2.28	56	27492	64.244	ug/l	99
14) Allyl chloride	2.72	41	61083	18.676	ug/l	99
15) Acrylonitrile	3.13	53	116337	101.949	ug/l	99
16) Acetone	2.44	43	100167	83.660	ug/l	98
17) Carbon Disulfide	2.56	76	84505	16.137	ug/l	100
18) Methyl Acetate	2.76	43	56604	19.945	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	130270	20.540	ug/l	100
20) Methylene Chloride	2.85	84	41356	18.794	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	37752	19.178	ug/l	97
22) Diisopropyl ether	3.84	45	127469	20.339	ug/l	91
23) Vinyl Acetate	3.80	43	541648	100.114	ug/l	100
24) 1,1-Dichloroethane	3.69	63	71311	20.226	ug/l	99
25) 2-Butanone	4.66	43	160508	96.627	ug/l	95
26) 2,2-Dichloropropane	4.57	77	55373	18.676	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	45124	19.887	ug/l	98
28) Bromochloromethane	5.00	49	23280	21.842	ug/l	95
29) Tetrahydrofuran	5.11	42	101196	98.999	ug/l	98
30) Chloroform	5.20	83	72656	20.083	ug/l	97
31) Cyclohexane	5.57	56	63041	19.121	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	63074	20.576	ug/l	98
36) 1,1-Dichloropropene	5.79	75	52317	19.596	ug/l	99
37) Ethyl Acetate	4.82	43	59868	20.054	ug/l	99
38) Carbon Tetrachloride	5.78	117	51918	19.979	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	61748	19.072	ug/l	99
40) Benzene	6.13	78	163376	20.720	ug/l	96
41) Methacrylonitrile	5.03	41	33560	20.459	ug/l	100
42) 1,2-Dichloroethane	6.18	62	58862	20.804	ug/l	100
43) Isopropyl Acetate	6.43	43	96488	20.137	ug/l	99
44) Trichloroethene	7.20	130	42674	19.517	ug/l	95
45) 1,2-Dichloropropane	7.51	63	40826	20.315	ug/l	98
46) Dibromomethane	7.65	93	27685	20.677	ug/l	98
47) Bromodichloromethane	7.89	83	53714	20.557	ug/l	96
48) Methyl methacrylate	7.76	41	46482	19.907	ug/l	98
49) 1,4-Dioxane	7.74	88	23309	394.028	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	308969	103.425	ug/l	100
52) Toluene	8.78	92	102326	20.284	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	57814	19.129	ug/l	94
54) cis-1,3-Dichloropropene	8.43	75	64323	20.015	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	41458	20.767	ug/l	98
56) Ethyl methacrylate	9.17	69	64974	19.341	ug/l	99
57) 1,3-Dichloropropane	9.37	76	70819	20.508	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	154045	105.038	ug/l	98
59) 2-Hexanone	9.49	43	231445	99.526	ug/l	100
60) Dibromochloromethane	9.58	129	40603	19.455	ug/l	99
61) 1,2-Dibromoethane	9.67	107	43763	20.839	ug/l	98
64) Tetrachloroethene	9.33	164	39809	21.181	ug/l	90
65) Chlorobenzene	10.14	112	108481	20.160	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	39572	21.210	ug/l	99
67) Ethyl Benzene	10.25	91	196150	20.521	ug/l	99
68) m/p-Xylenes	10.35	106	146505	41.028	ug/l	99
69) o-Xylene	10.70	106	70608	20.277	ug/l	99
70) Styrene	10.71	104	121236	20.480	ug/l	99
71) Bromoform	10.85	173	26587	18.812	ug/l #	99
73) Isopropylbenzene	11.01	105	188337	20.498	ug/l	99
74) N-amyl acetate	10.89	43	78813	19.917	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	63599	20.811	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	72794	26.262	ug/l	77
77) Bromobenzene	11.25	156	44282	20.452	ug/l	98
78) n-propylbenzene	11.35	91	205631	20.339	ug/l	99
79) 2-Chlorotoluene	11.42	91	129325	20.353	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	159403	20.777	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	17853	19.294	ug/l	96
82) 4-Chlorotoluene	11.51	91	145658	20.000	ug/l	98
83) tert-Butylbenzene	11.77	119	152837	20.422	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	162687	20.938	ug/l	99
85) sec-Butylbenzene	11.94	105	181637	20.949	ug/l	98
86) p-Isopropyltoluene	12.06	119	163264	20.303	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	78498	19.523	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	79013	19.404	ug/l	99
89) n-Butylbenzene	12.39	91	137367	20.325	ug/l	99
90) Hexachloroethane	12.59	117	26313	19.037	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	79542	20.179	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13995	19.539	ug/l	97

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Quant Title : SW846 8260
QLast Update : Fri Oct 11 09:48:22 2019
Response via : Initial Calibration

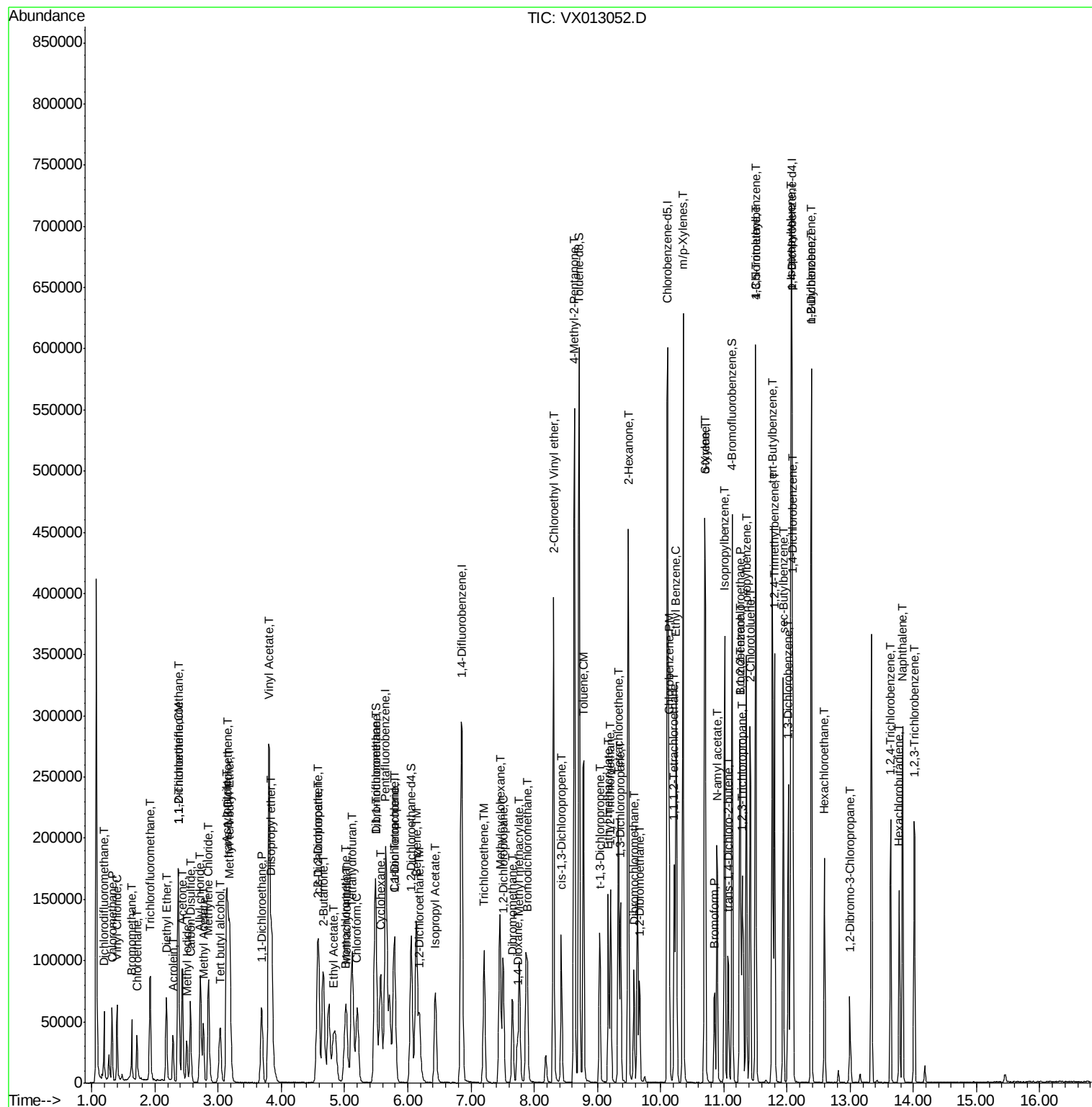
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	47165	19.101	ug/l	94
94) Hexachlorobutadiene	13.78	225	22885	20.083	ug/l	98
95) Naphthalene	13.83	128	171217	20.003	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	51036	20.001	ug/l	96

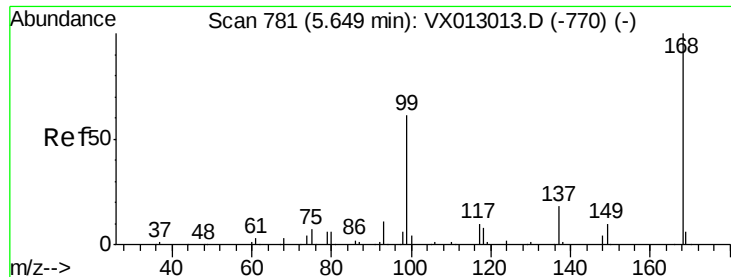
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX101419\
 Data File : VX013052.D
 Acq On : 14 Oct 2019 15:19
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 Sample : VN1014WBSD01
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX013052.D

Acq: 14 Oct 2019 15:19

Instrument :

MSVOA_X

ClientSampleId :

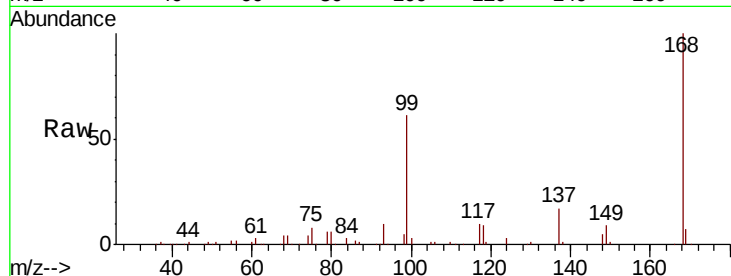
VX1014WBSD01

Tot Ion:168 Resp: 181740

Ion Ratio Lower Upper

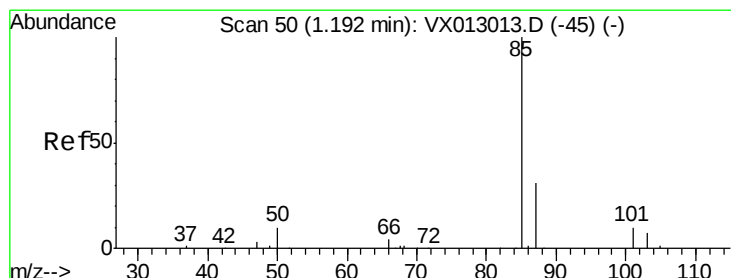
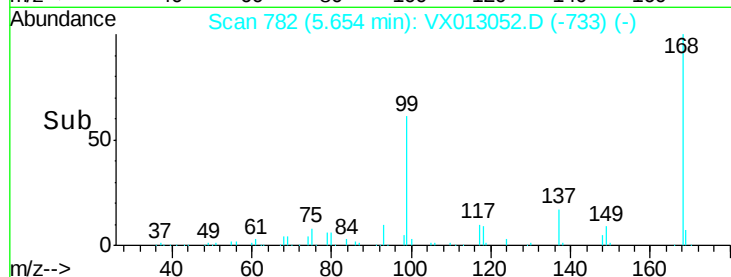
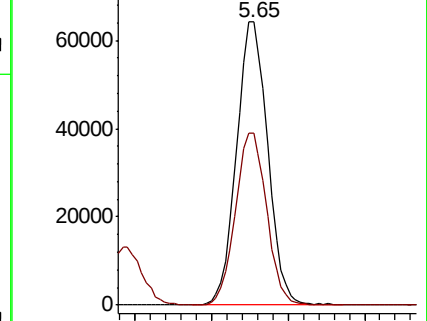
168 100

99 60.6 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.861 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX013052.D

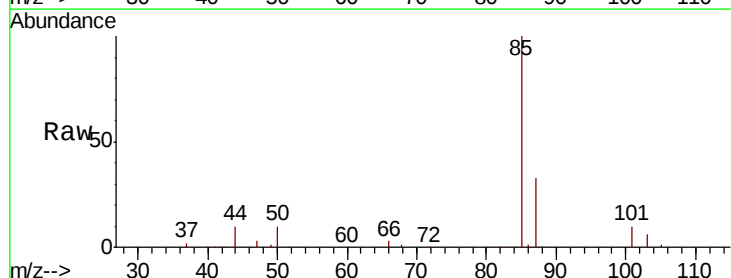
Acq: 14 Oct 2019 15:19

Tgt Ion: 85 Resp: 34940

Ion Ratio Lower Upper

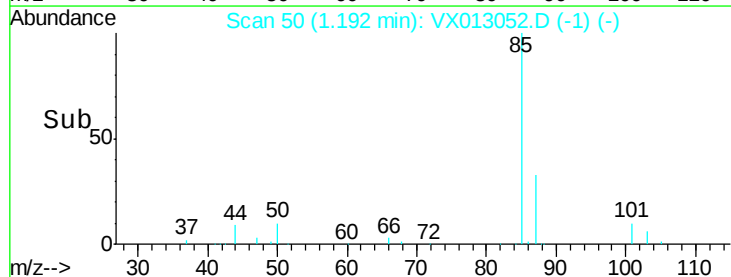
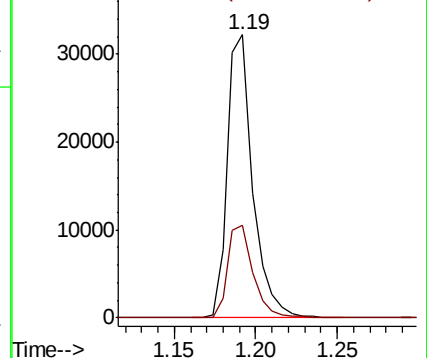
85 100

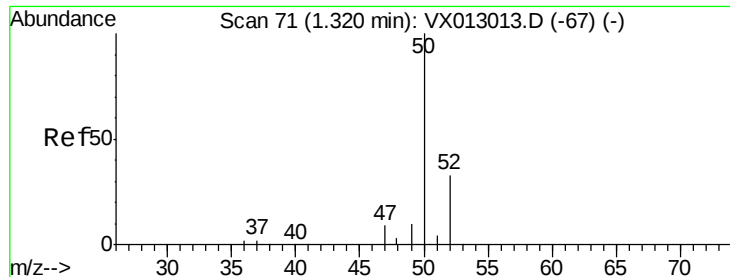
87 32.6 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.424 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013052.D

Acq: 14 Oct 2019 15:19

Instrument :

MSVOA_X

ClientSampleId :

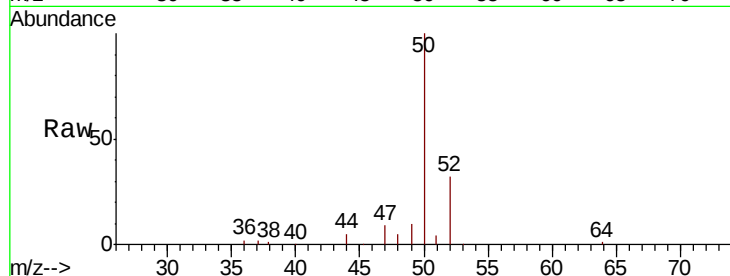
VX1014WBSD01

Tot Ion: 50 Resp: 37145

Ion Ratio Lower Upper

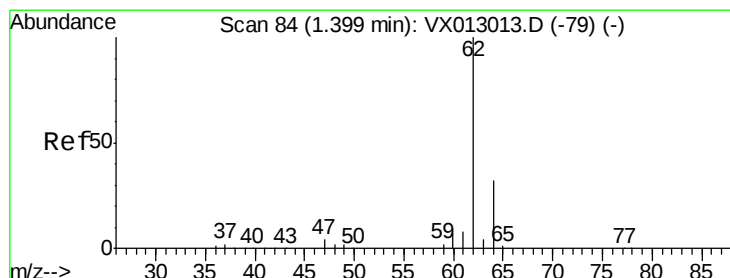
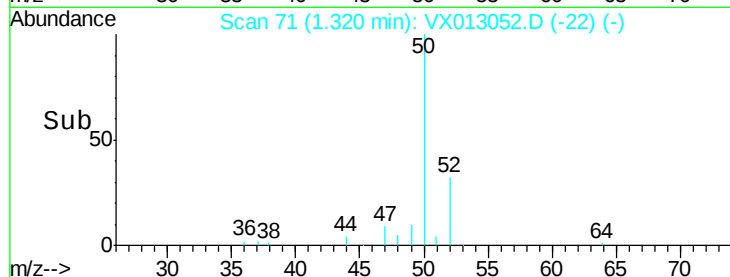
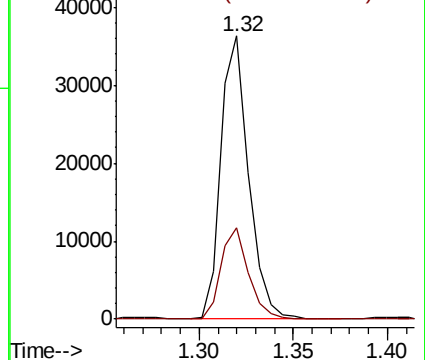
50 100

52 32.4 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.109 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013052.D

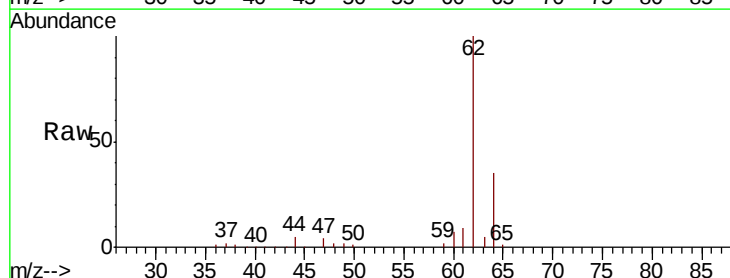
Acq: 14 Oct 2019 15:19

Tgt Ion: 62 Resp: 37684

Ion Ratio Lower Upper

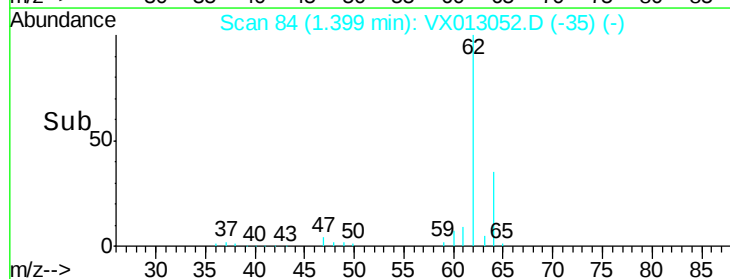
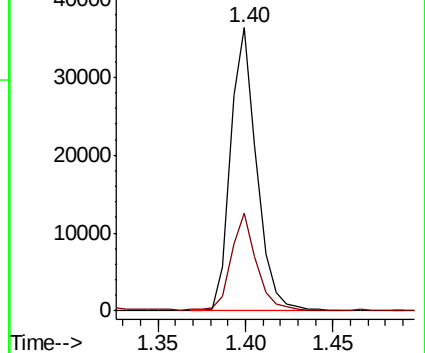
62 100

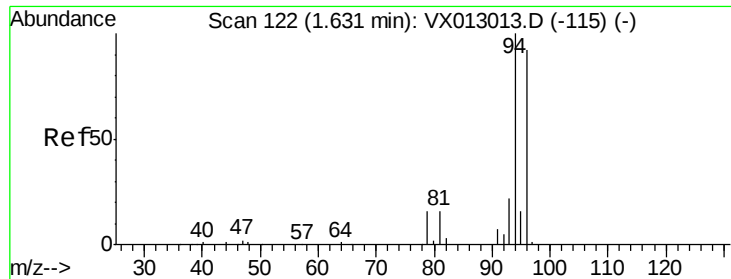
64 34.5 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.110 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013052.D

Acq: 14 Oct 2019 15:19

Instrument :

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ClientSampleId :

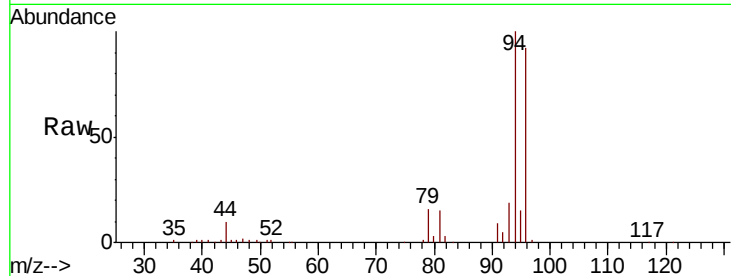
VX1014WBSD01

Tot Ion: 94 Resp: 18261

Ion Ratio Lower Upper

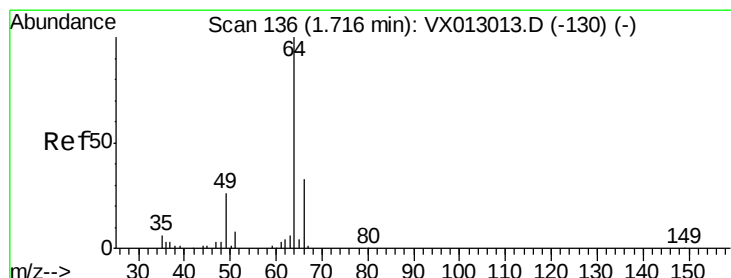
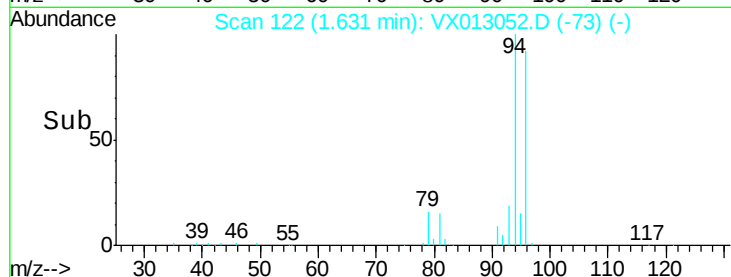
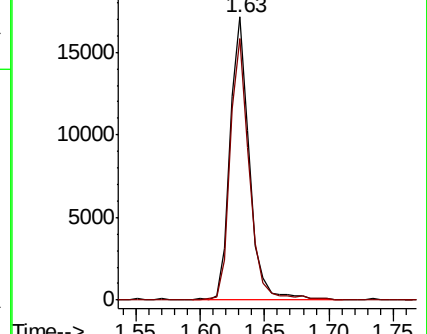
94 100

96 92.2 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.527 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013052.D

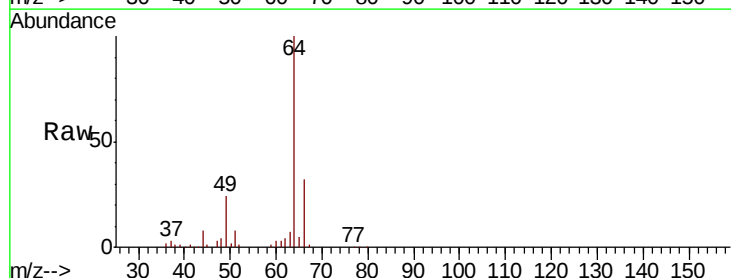
Acq: 14 Oct 2019 15:19

Tgt Ion: 64 Resp: 25814

Ion Ratio Lower Upper

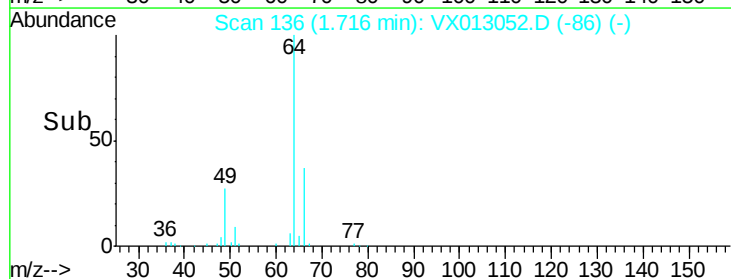
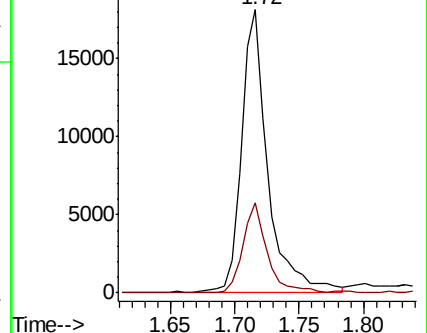
64 100

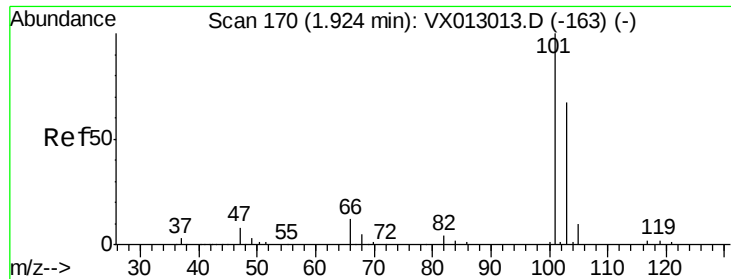
66 31.9 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



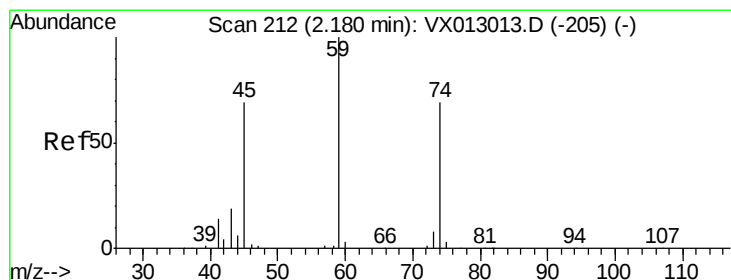
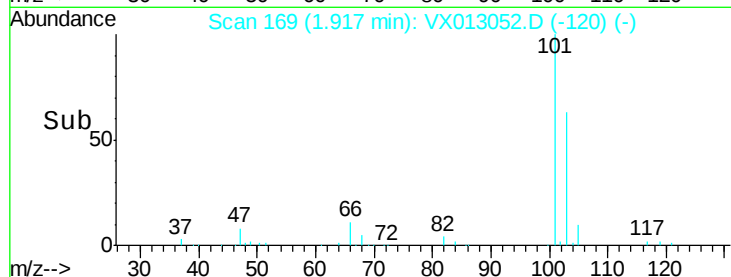
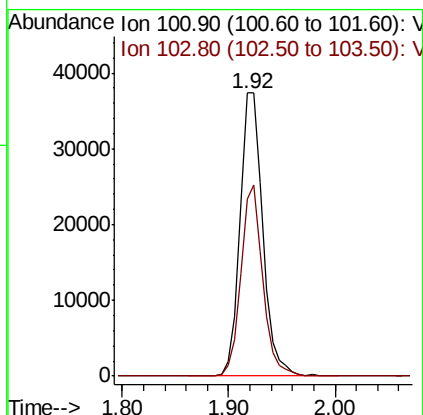
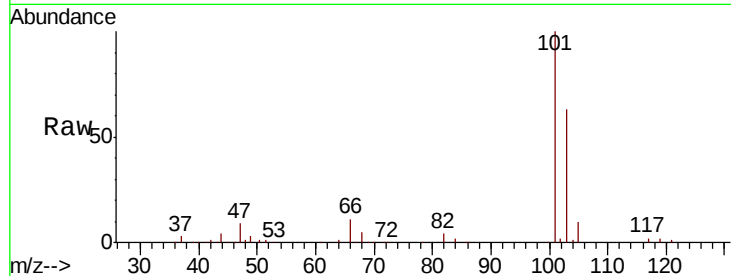


#7

Trichlorofluoromethane
 Concen: 20.082 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX013052.D
 Acq: 14 Oct 2019 15:19

Instrument :
 MSVOA_X
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 VX1014WBSD01

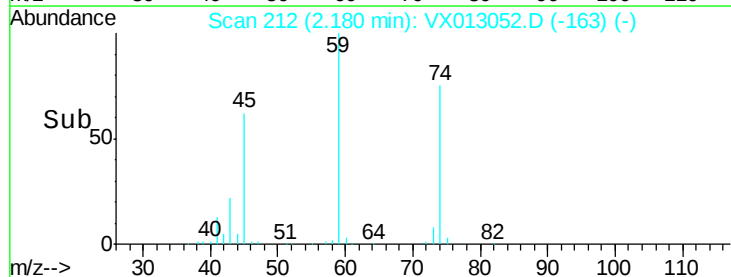
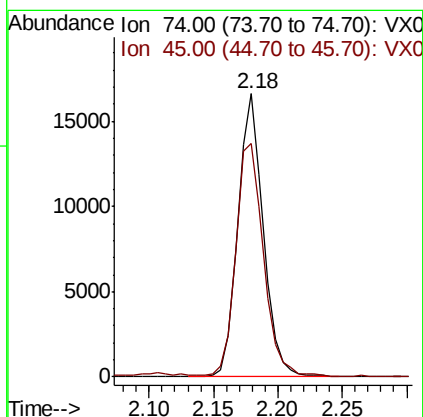
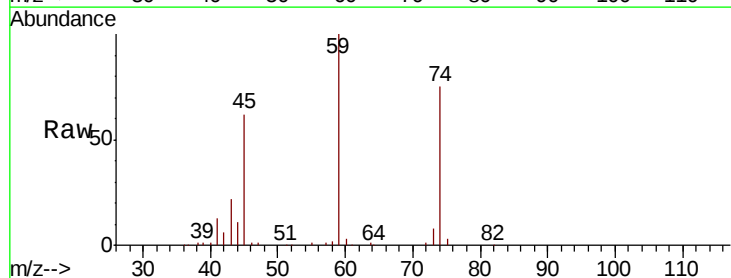
Tot Ion:101 Resp: 56404
 Ion Ratio Lower Upper
 101 100
 103 62.7 52.5 78.7

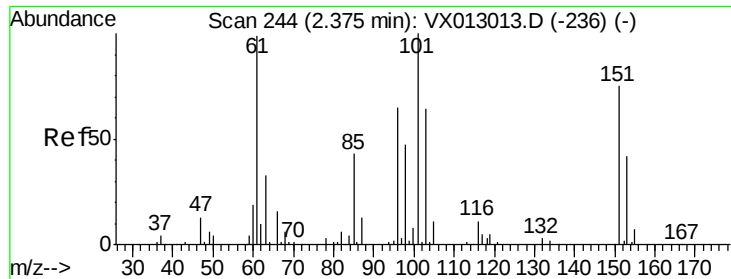


#8

Diethyl Ether
 Concen: 20.017 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX013052.D
 Acq: 14 Oct 2019 15:19

Tgt Ion: 74 Resp: 22693
 Ion Ratio Lower Upper
 74 100
 45 90.7 47.8 143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.850 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013052.D

Acq: 14 Oct 2019 15:19

Instrument :

MSVOA_X

ClientSampleId :

VX1014WBSD01

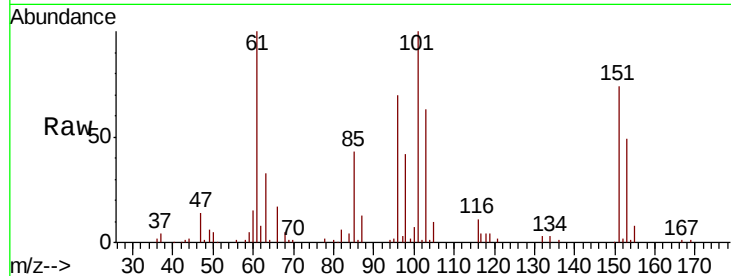
Tot Ion:101 Resp: 36082

Ion Ratio Lower Upper

101 100

85 44.4 35.2 52.8

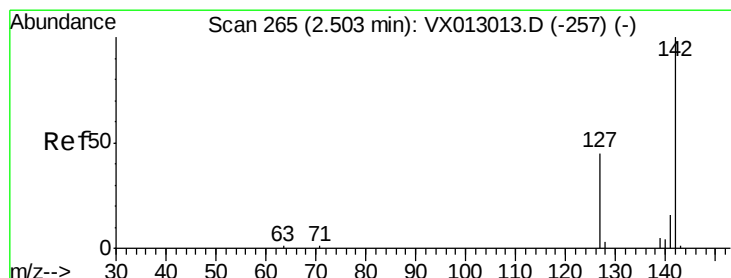
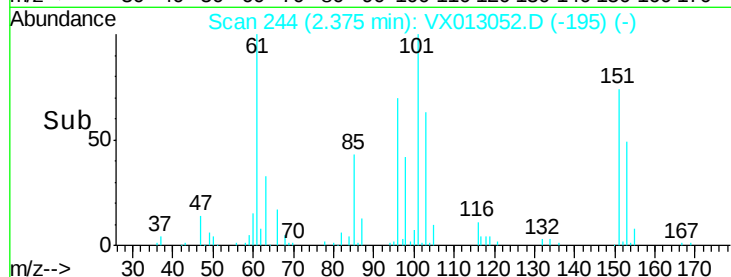
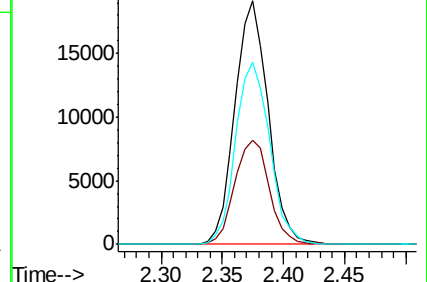
151 76.8 60.3 90.5



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: 19.828 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX013052.D

Acq: 14 Oct 2019 15:19

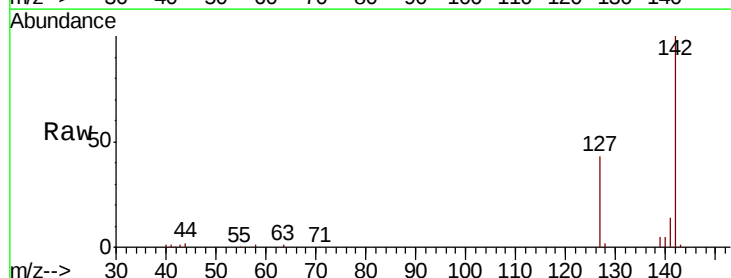
Tgt Ion:142 Resp: 33803

Ion Ratio Lower Upper

142 100

127 45.2 34.9 52.3

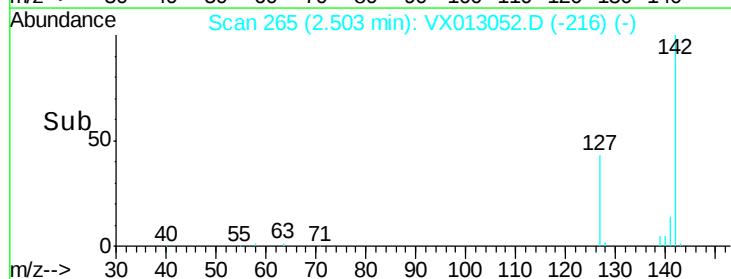
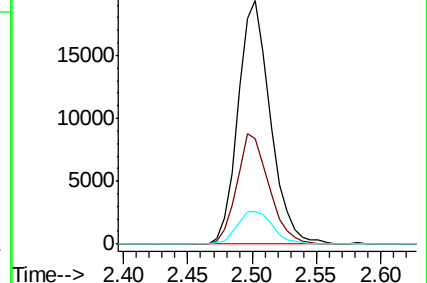
141 14.7 11.6 17.4

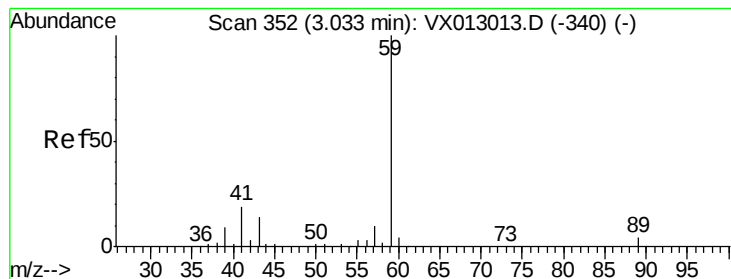


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



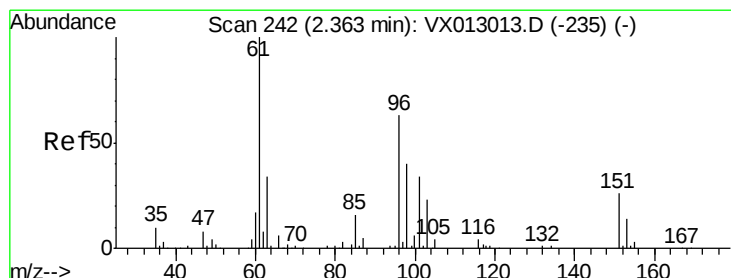
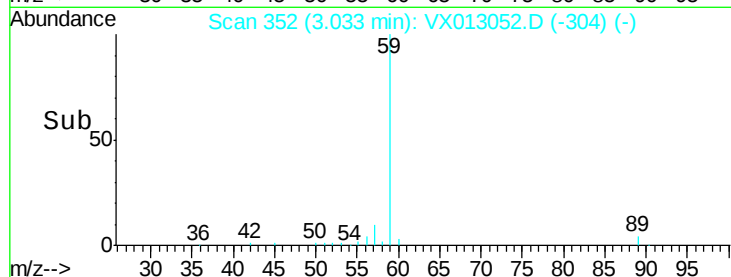
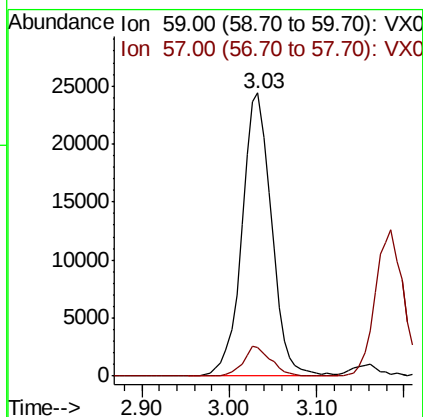
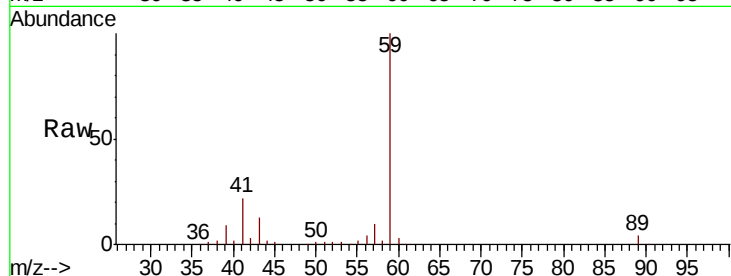


#11

Tert butyl alcohol
 Concen: 95.425 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX013052.D
 Acq: 14 Oct 2019 15:19

Instrument :
 MSVOA_X
 ClientSampled :
 VX1014WBSD01

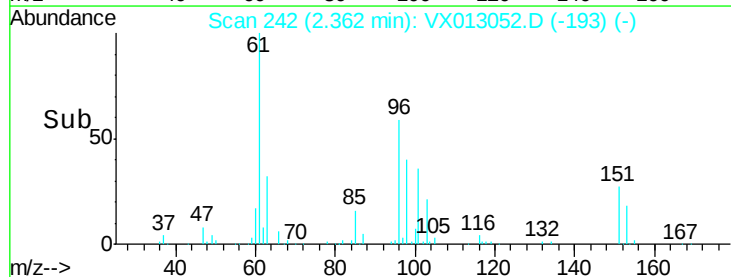
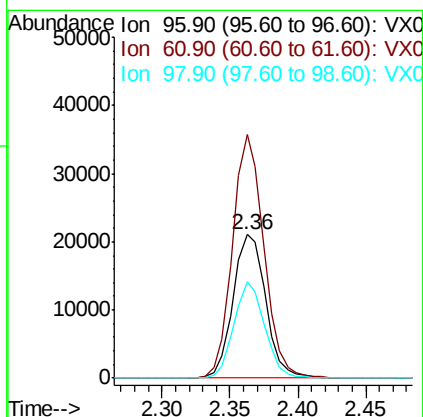
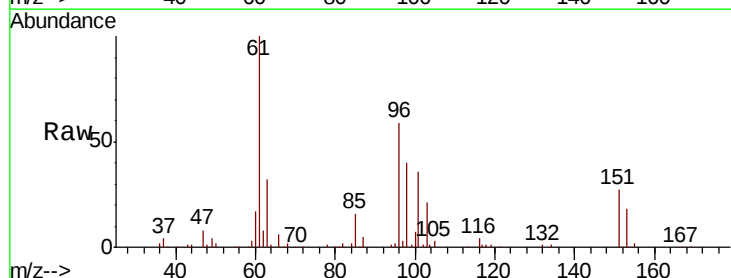
Tot Ion: 59 Resp: 57461
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.3 12.5

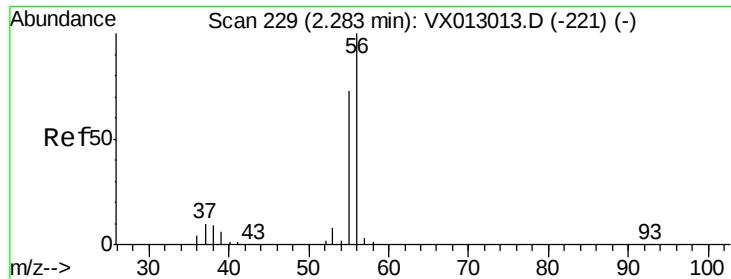


#12

1,1-Dichloroethene
 Concen: 19.128 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX013052.D
 Acq: 14 Oct 2019 15:19

Tgt Ion: 96 Resp: 35130
 Ion Ratio Lower Upper
 96 100
 61 170.0 132.2 198.4
 98 67.4 50.5 75.7





#13

Acrolein

Concen: 64.244 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013052.D

Acq: 14 Oct 2019 15:19

Instrument :

MSVOA_X

ClientSampleId :

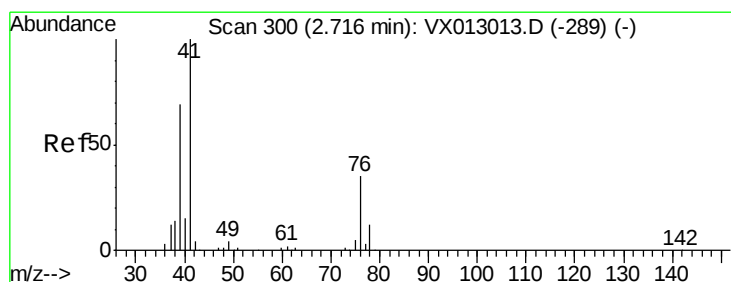
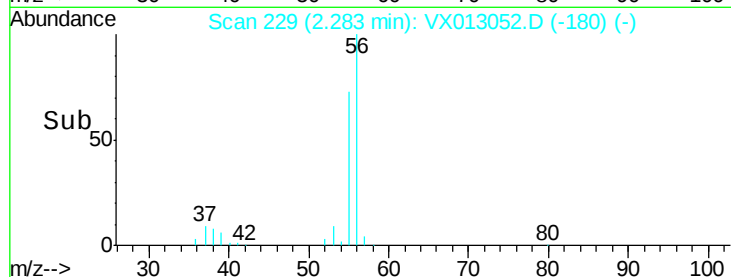
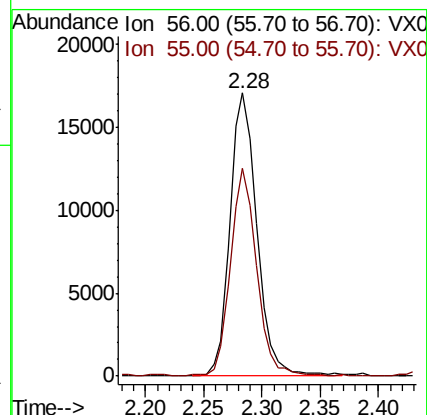
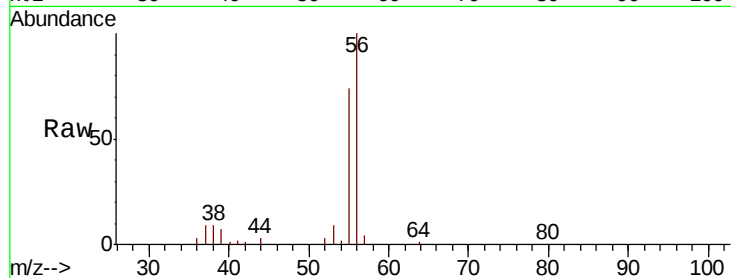
VX1014WBSD01

Tot Ion: 56 Resp: 27492

Ion Ratio Lower Upper

56 100

55 71.9 56.6 85.0



#14

Allyl chloride

Concen: 18.676 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013052.D

Acq: 14 Oct 2019 15:19

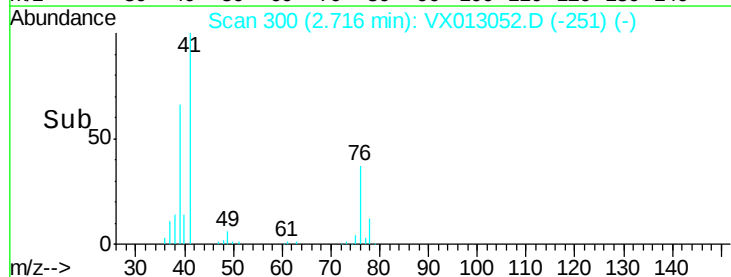
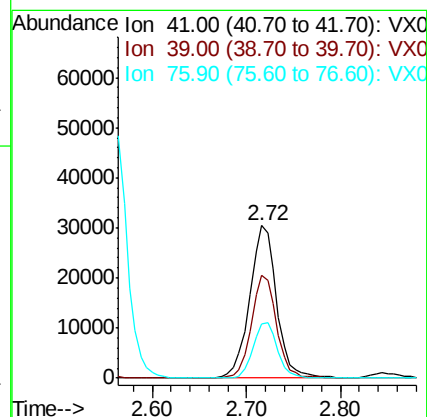
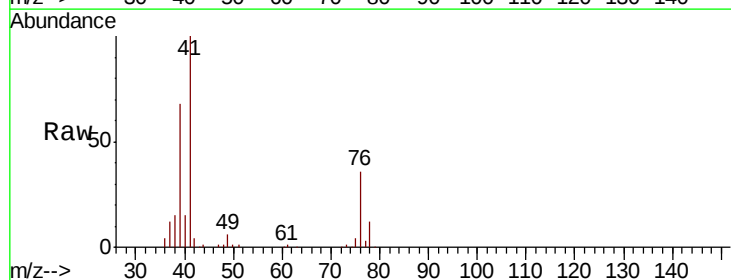
Tgt Ion: 41 Resp: 61083

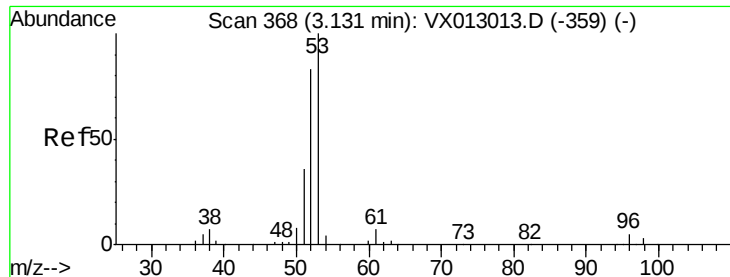
Ion Ratio Lower Upper

41 100

39 63.4 51.0 76.6

76 33.3 26.2 39.4





#15

Acrylonitrile

Concen: 101.949 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX013052.D

Acq: 14 Oct 2019 15:19

Instrument :

MSVOA_X

ClientSampleId :

VX1014WBSD01

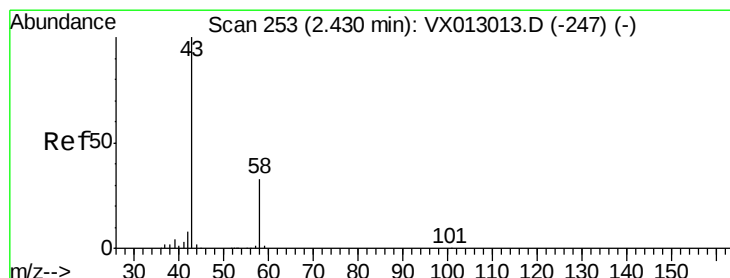
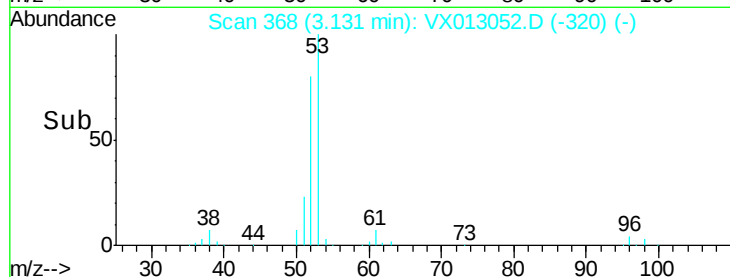
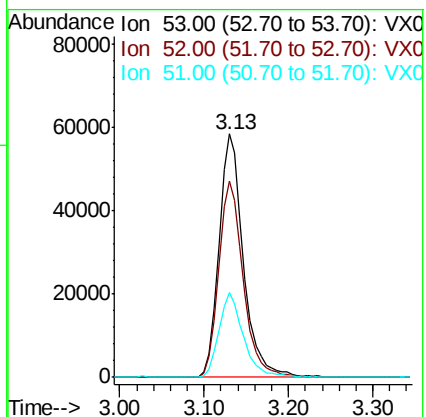
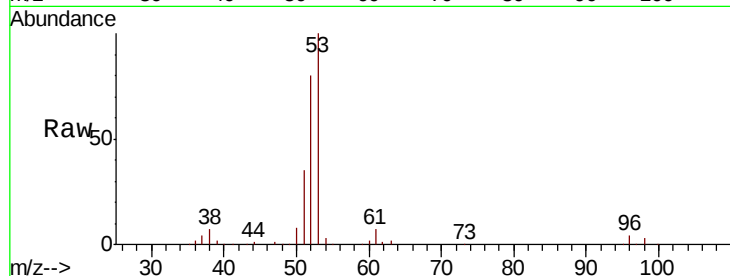
Tot Ion: 53 Resp: 116337

Ion Ratio Lower Upper

53 100

52 81.4 66.2 99.2

51 35.5 28.2 42.4



#16

Acetone

Concen: 83.660 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX013052.D

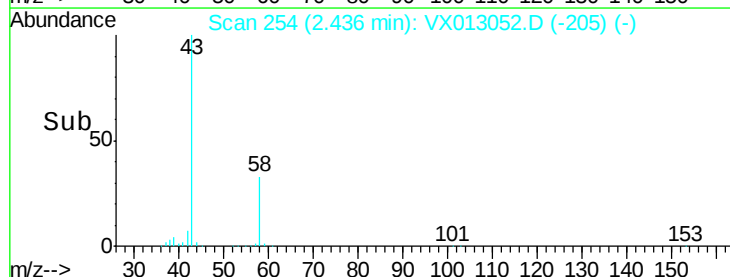
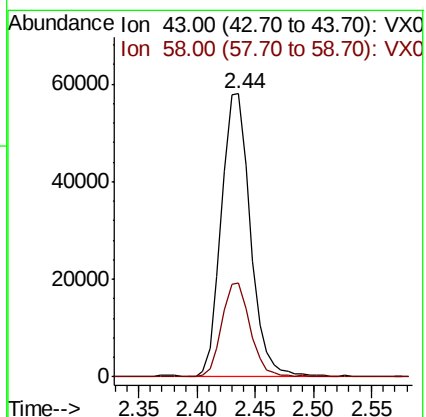
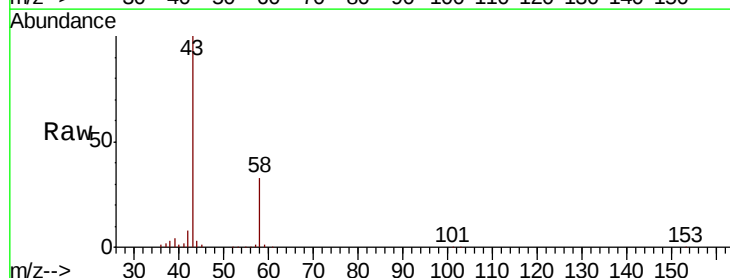
Acq: 14 Oct 2019 15:19

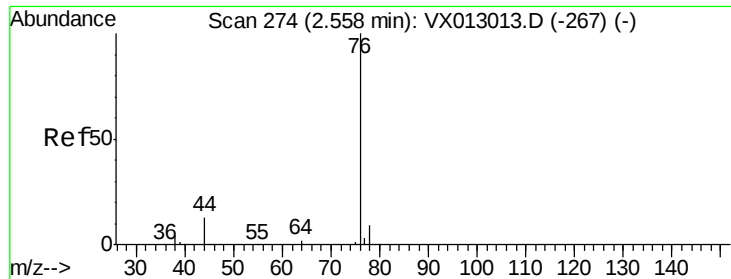
Tgt Ion: 43 Resp: 100167

Ion Ratio Lower Upper

43 100

58 33.1 25.4 38.2

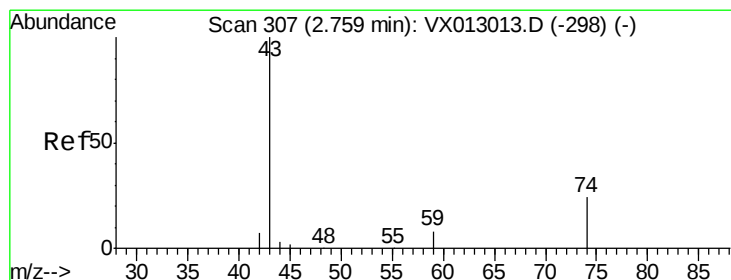
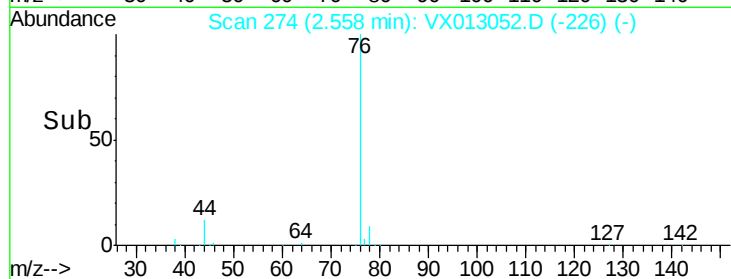
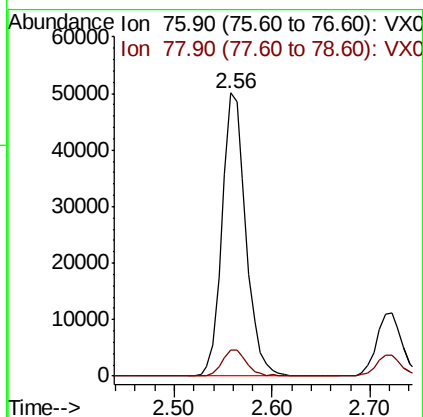
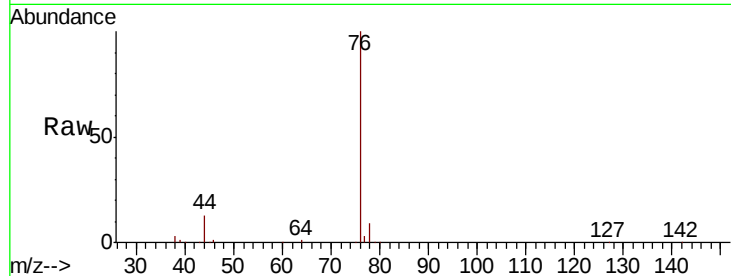




#17
Carbon Disulfide
Concen: 16.137 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX013052.D
Acq: 14 Oct 2019 15:19

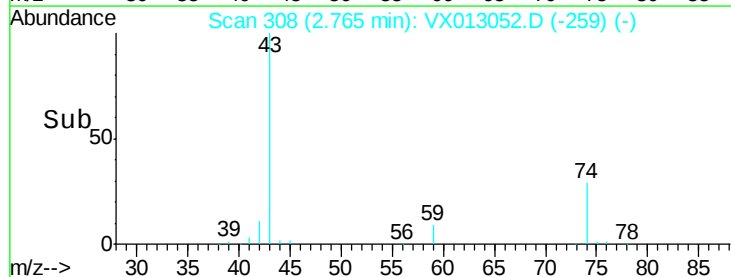
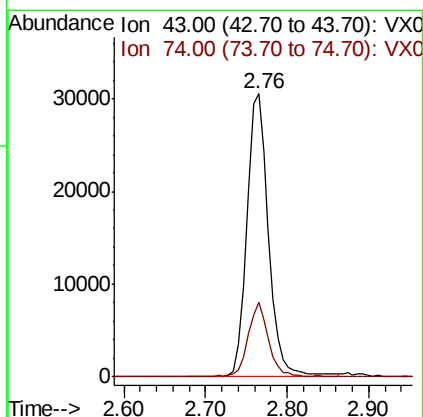
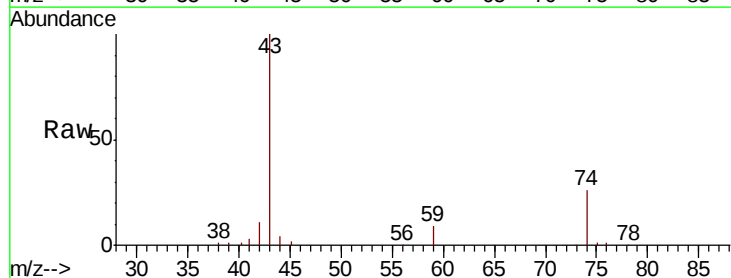
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBSD01

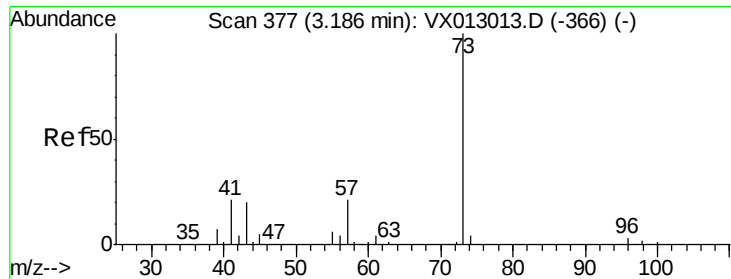
Tot Ion: 76 Resp: 84505
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 19.945 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX013052.D
Acq: 14 Oct 2019 15:19

Tgt Ion: 43 Resp: 56604
Ion Ratio Lower Upper
43 100
74 24.7 19.2 28.8

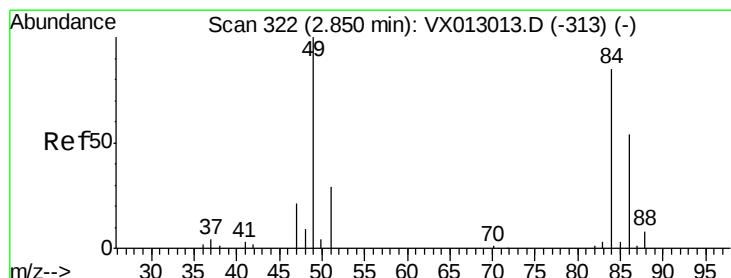
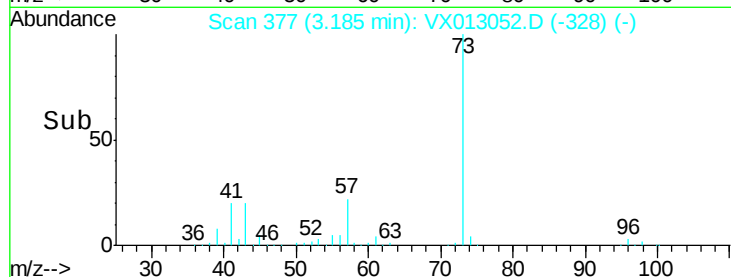
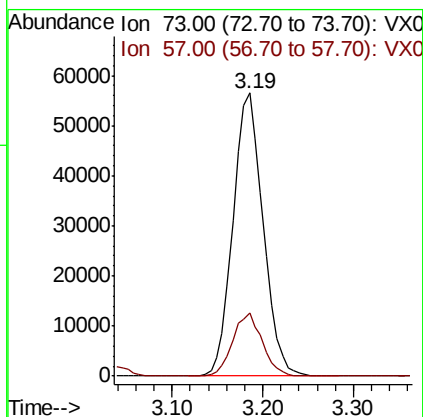
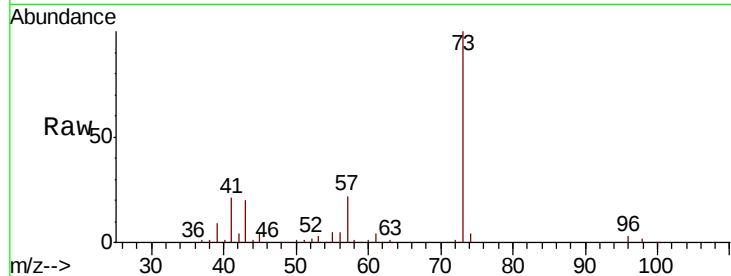




#19
Methvl tert-butvl Ether
Concen: 20.540 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX013052.D
Acq: 14 Oct 2019 15:19

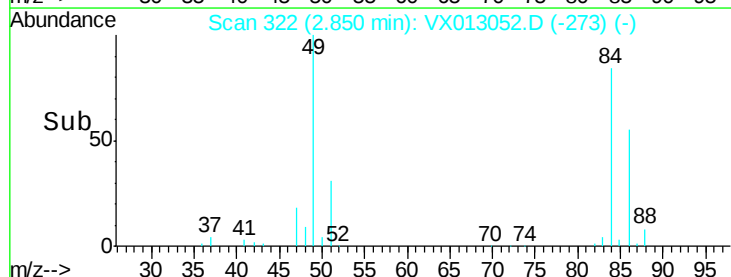
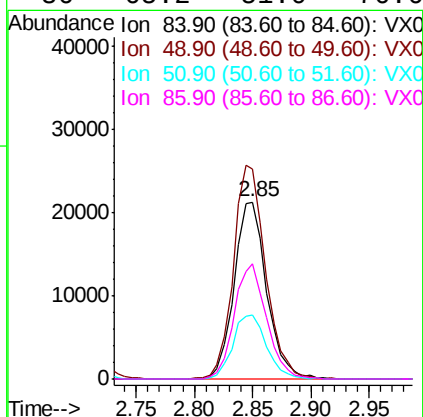
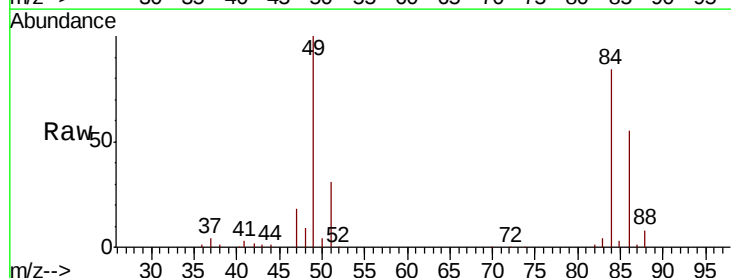
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBSD01

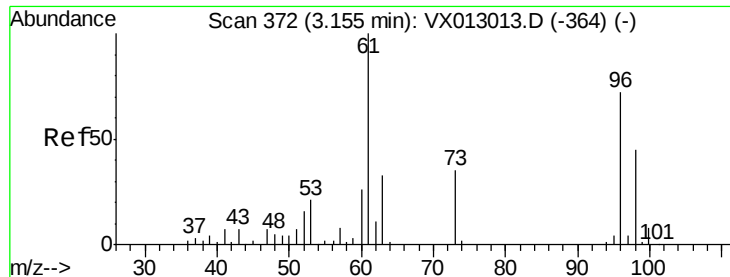
Tot Ion: 73 Resp: 130270
Ion Ratio Lower Upper
73 100
57 22.3 17.8 26.6



#20
Methylene Chloride
Concen: 18.794 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX013052.D
Acq: 14 Oct 2019 15:19

Tgt Ion: 84 Resp: 41356
Ion Ratio Lower Upper
84 100
49 119.1 96.6 144.8
51 36.5 30.7 46.1
86 65.2 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 19.178 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013052.D

Acq: 14 Oct 2019 15:19

Instrument :

MSVOA_X

ClientSampleId :

VX1014WBSD01

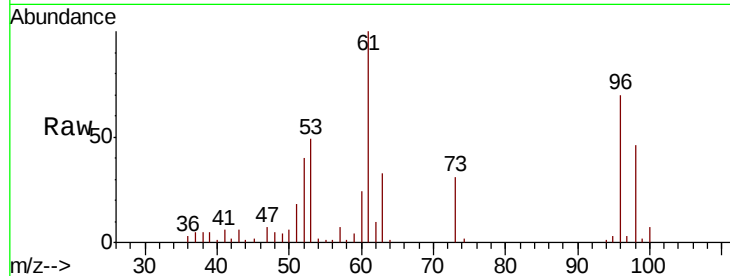
Tot Ion: 96 Resp: 37752

Ion Ratio Lower Upper

96 100

61 142.3 110.4 165.6

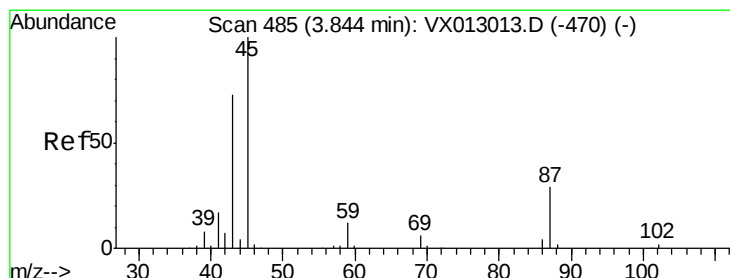
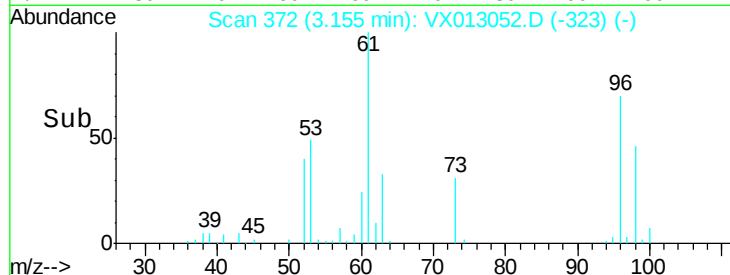
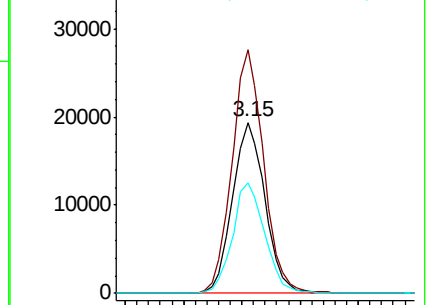
98 64.8 51.5 77.3



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.339 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX013052.D

Acq: 14 Oct 2019 15:19

Tgt Ion: 45 Resp: 127469

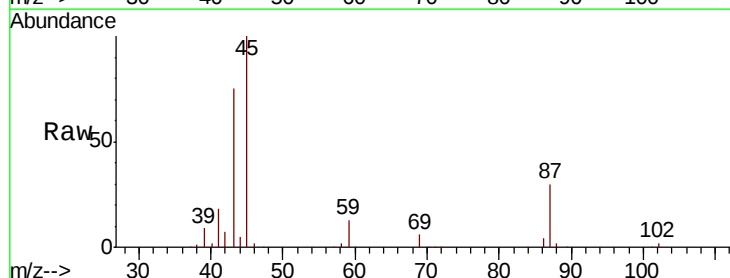
Ion Ratio Lower Upper

45 100

43 74.2 51.4 77.0

87 29.7 22.5 33.7

59 13.3 9.7 14.5

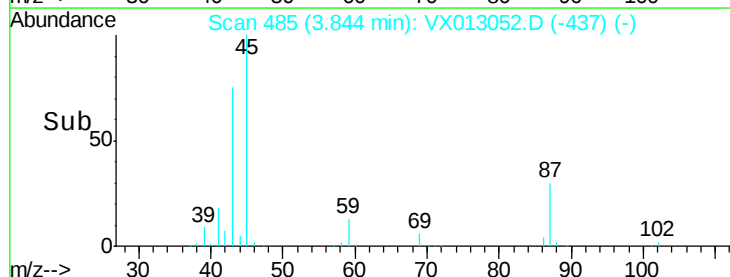
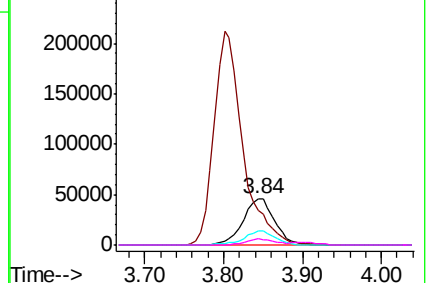


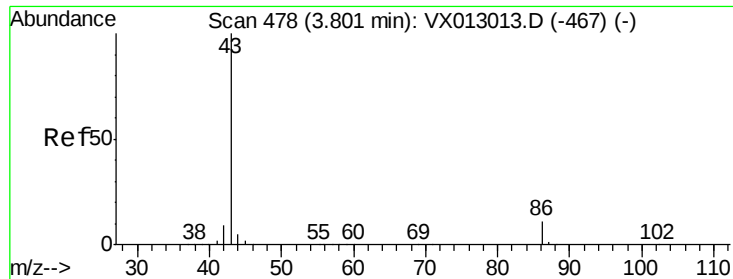
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 100.114 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX013052.D

Acq: 14 Oct 2019 15:19

Instrument :

MSVOA_X

ClientSampleId :

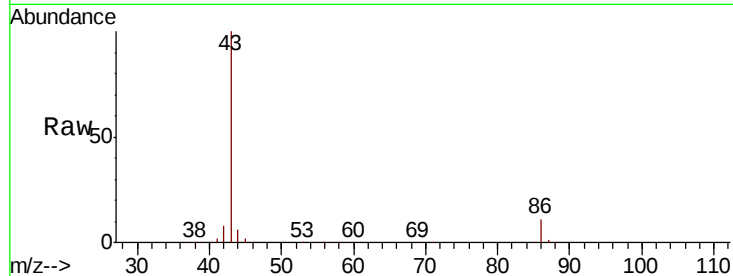
VX1014WBSD01

Tot Ion: 43 Resp: 541648

Ion Ratio Lower Upper

43 100

86 11.3 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

250000

200000

150000

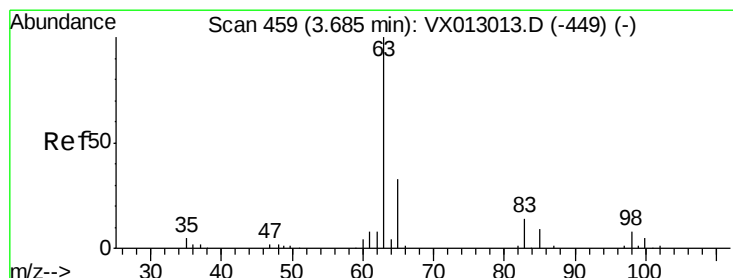
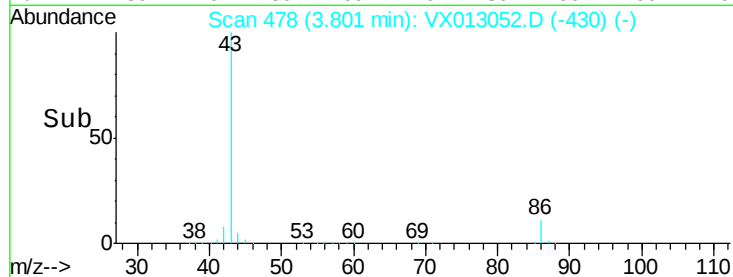
100000

50000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 20.226 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013052.D

Acq: 14 Oct 2019 15:19

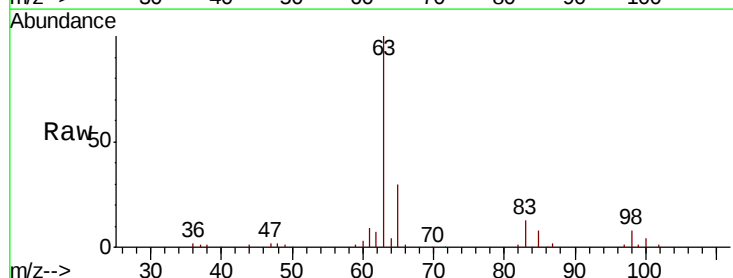
Tgt Ion: 63 Resp: 71311

Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.5

100 4.2 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

40000

30000

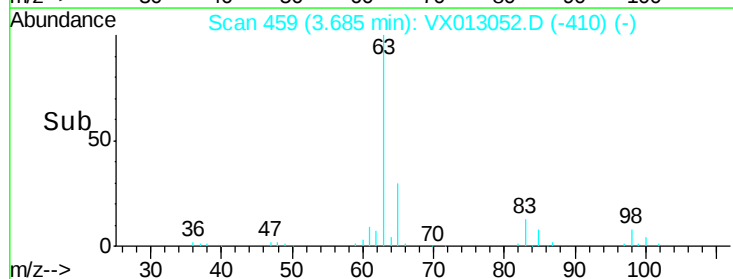
20000

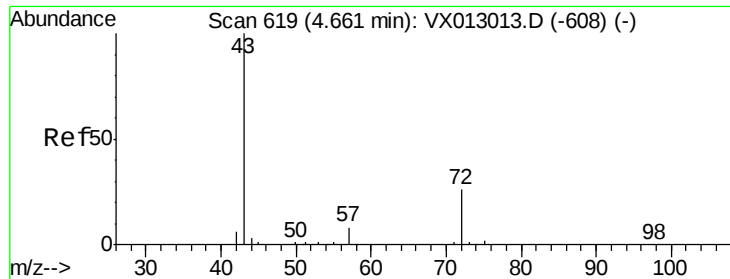
10000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 96.627 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX013052.D

Acq: 14 Oct 2019 15:19

Instrument :

MSVOA_X

ClientSampleId :

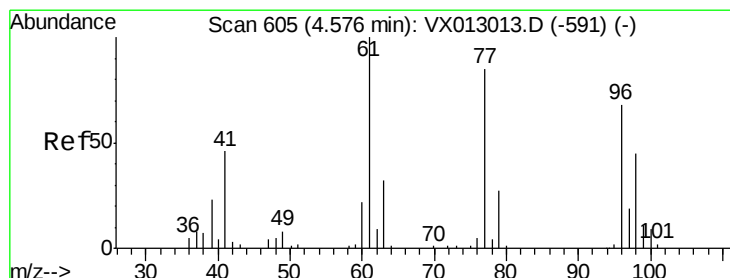
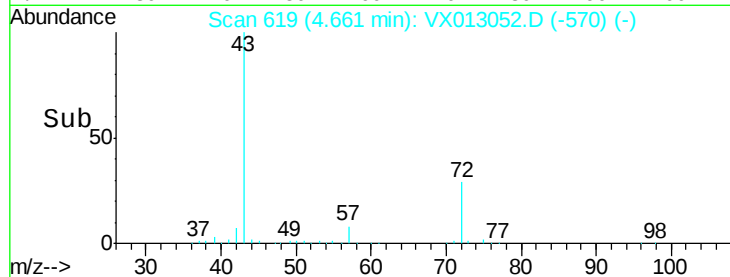
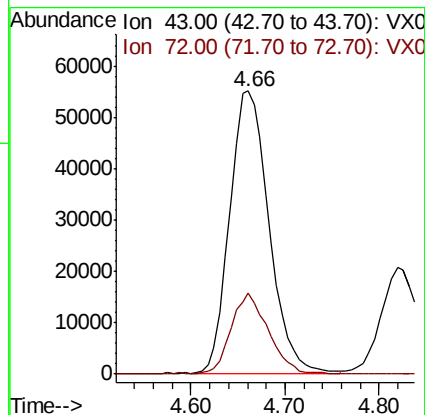
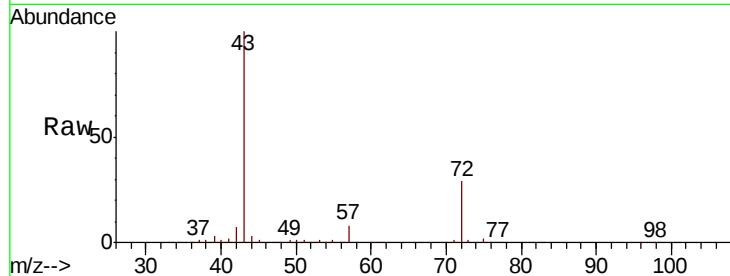
VX1014WBSD01

Tot Ion: 43 Resp: 160508

Ion Ratio Lower Upper

43 100

72 28.7 21.0 31.6



#26

2,2-Dichloropropane

Concen: 18.676 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX013052.D

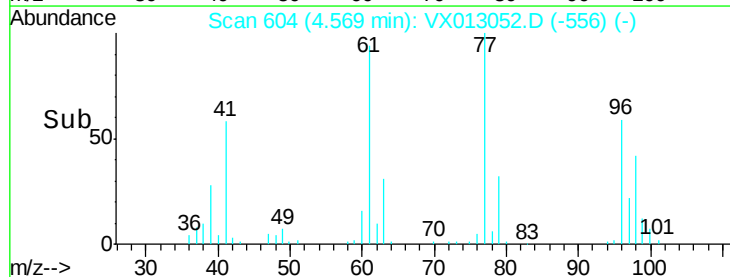
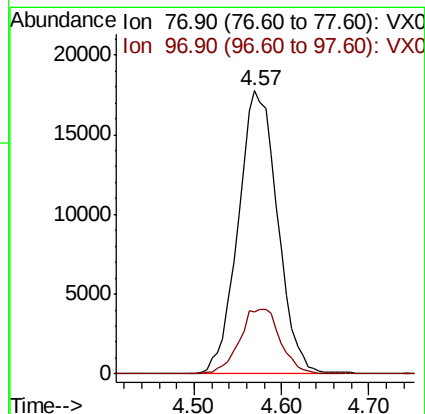
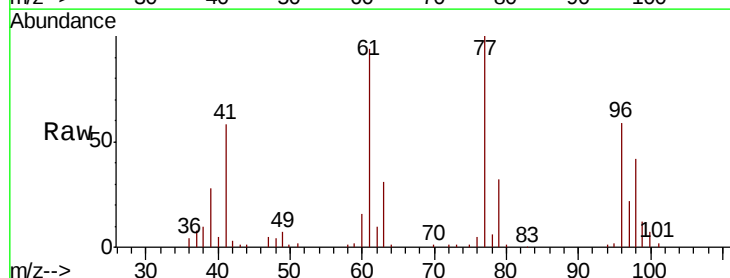
Acq: 14 Oct 2019 15:19

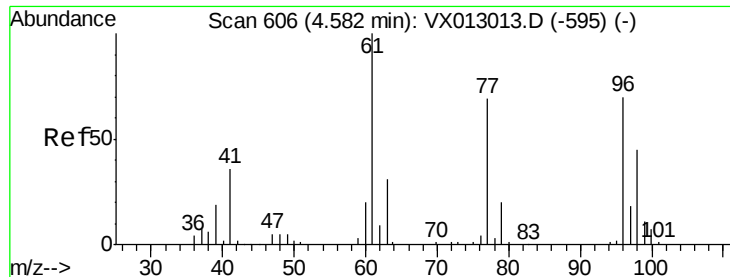
Tgt Ion: 77 Resp: 55373

Ion Ratio Lower Upper

77 100

97 23.5 11.3 33.9



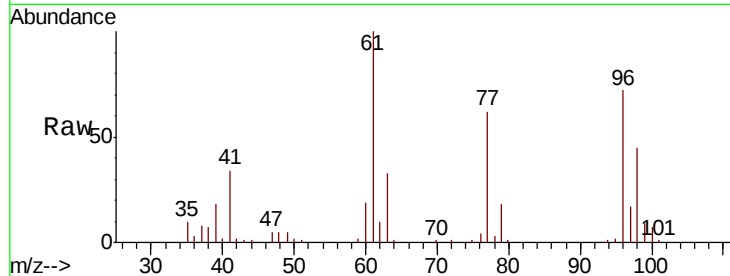


#27

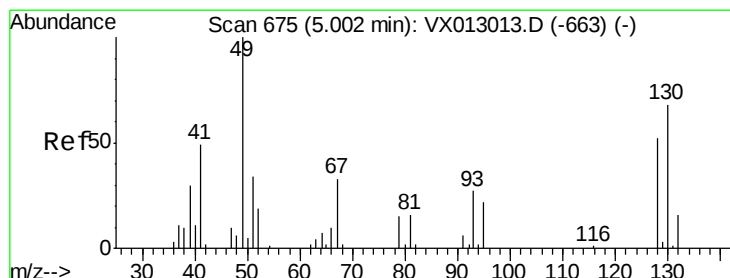
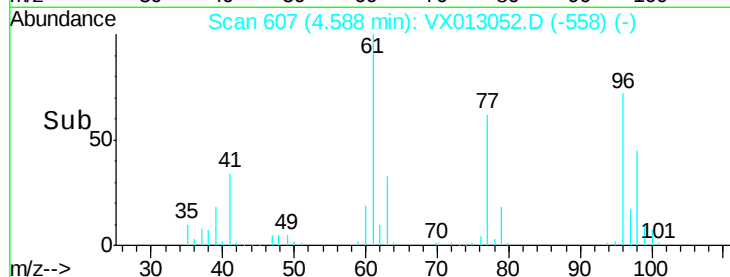
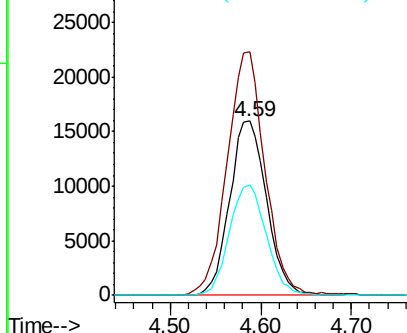
cis-1,2-Dichloroethene
 Concen: 19.887 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: VX013052.D
 Acq: 14 Oct 2019 15:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014WBSD01

Tot Ion: 96 Resp: 45124
 Ion Ratio Lower Upper
 96 100
 61 142.7 0.0 290.6
 98 63.4 0.0 128.8



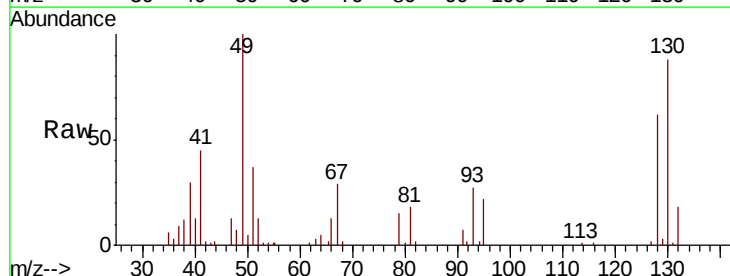
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



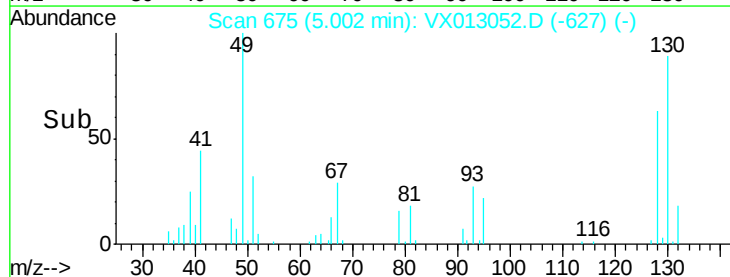
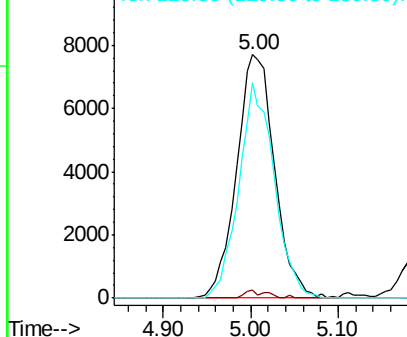
#28

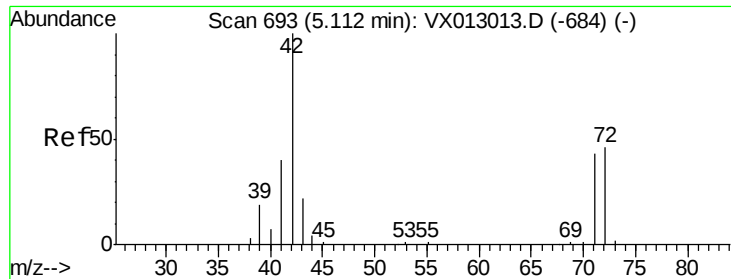
Bromochloromethane
 Concen: 21.842 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: VX013052.D
 Acq: 14 Oct 2019 15:19

Tgt Ion: 49 Resp: 23280
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.2
 130 82.4 62.1 93.1



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





#29

Tetrahydrofuran

Concen: 98.999 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX013052.D

Acq: 14 Oct 2019 15:19

Instrument :

MSVOA_X

ClientSampleId :

VX1014WBSD01

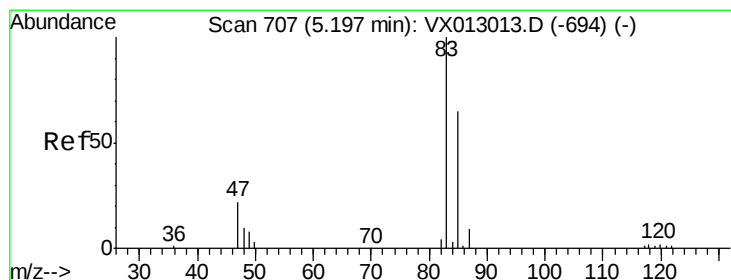
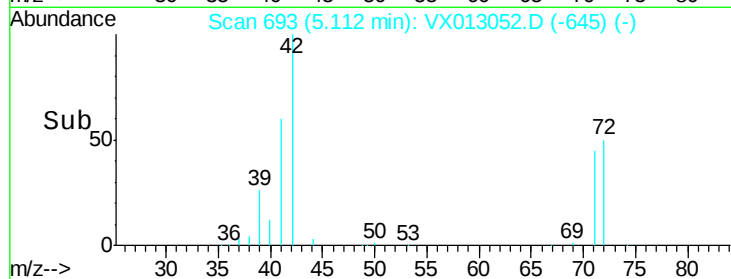
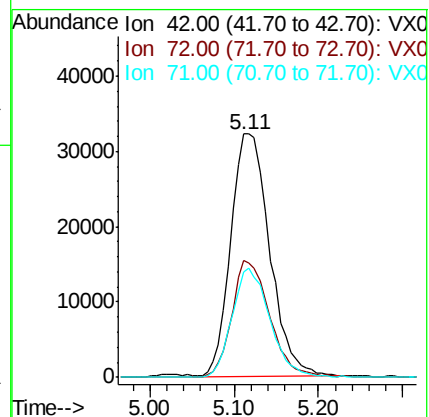
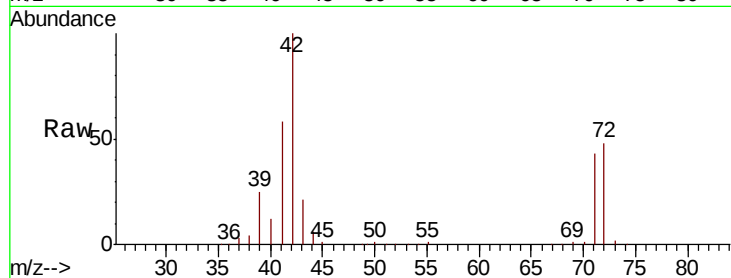
Tot Ion: 42 Resp: 101196

Ion Ratio Lower Upper

42 100

72 47.1 36.9 55.3

71 43.7 33.5 50.3



#30

Chloroform

Concen: 20.083 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX013052.D

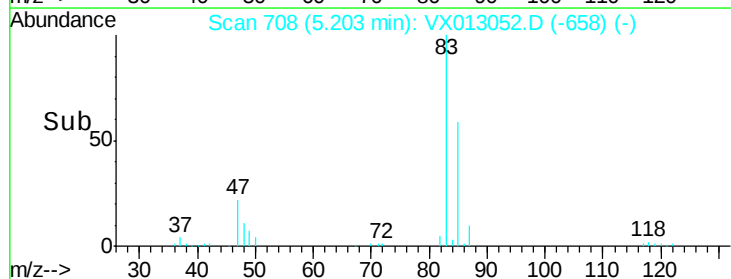
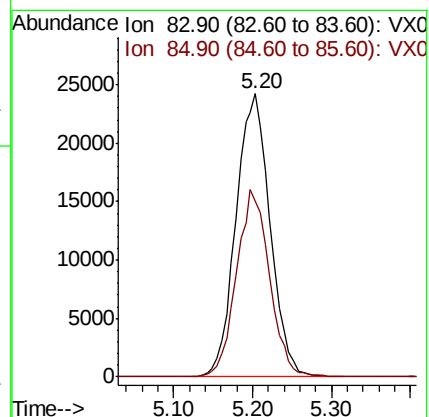
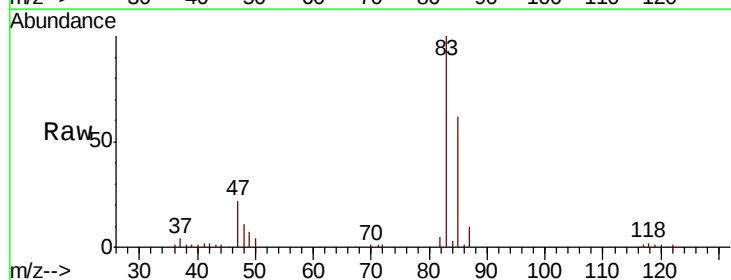
Acq: 14 Oct 2019 15:19

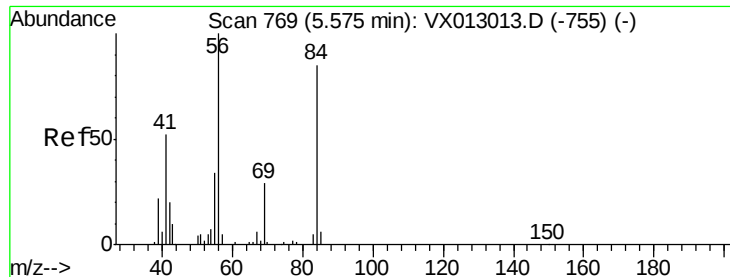
Tgt Ion: 83 Resp: 72656

Ion Ratio Lower Upper

83 100

85 62.0 51.5 77.3





#31

Cvclohexane

Concen: 19.121 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013052.D

Acq: 14 Oct 2019 15:19

Instrument :

MSVOA_X

ClientSampleId :

VX1014WBSD01

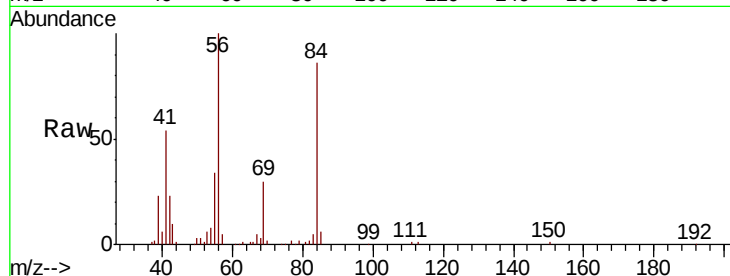
Tot Ion: 56 Resp: 63041

Ion Ratio Lower Upper

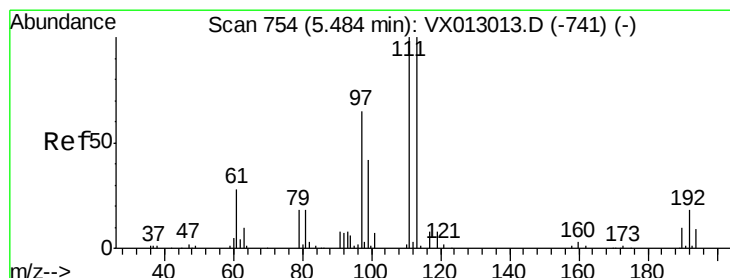
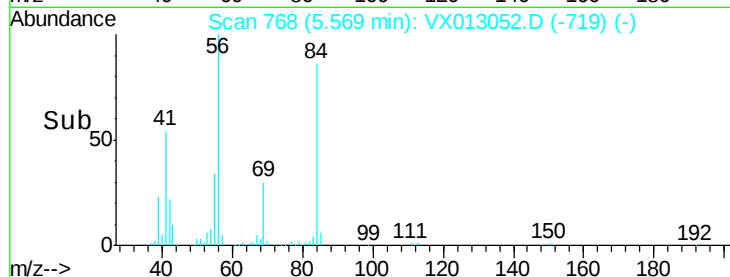
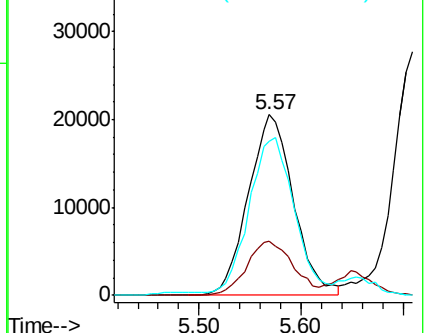
56 100

69 29.8 25.2 37.8

84 84.1 71.3 106.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.576 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013052.D

Acq: 14 Oct 2019 15:19

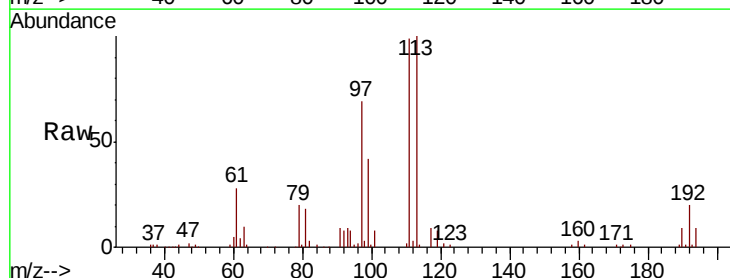
Tgt Ion: 97 Resp: 63074

Ion Ratio Lower Upper

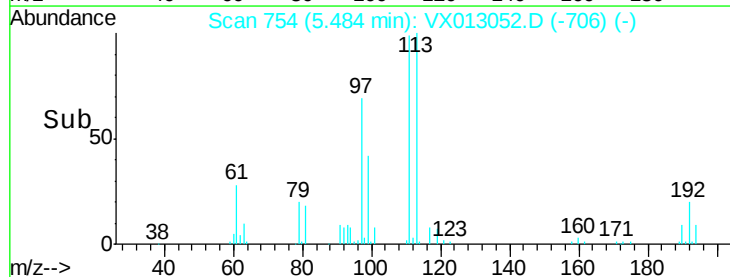
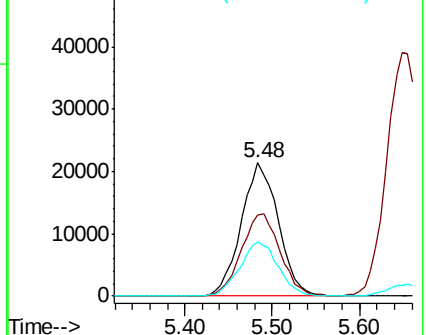
97 100

99 64.3 52.3 78.5

61 42.2 35.0 52.4



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





#33

1,2-Dichloroethane-d4

Concen: 51.076 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX013052.D

Acq: 14 Oct 2019 15:19

Instrument :

MSVOA_X

ClientSampleId :

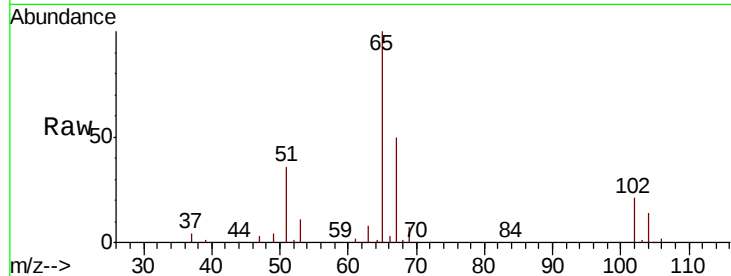
VX1014WBSD01

Tot Ion: 65 Resp: 116021

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

50000

40000

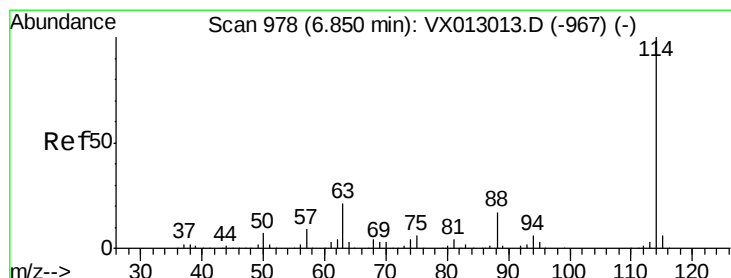
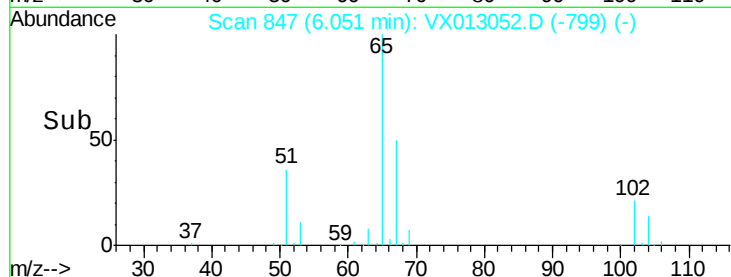
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013052.D

Acq: 14 Oct 2019 15:19

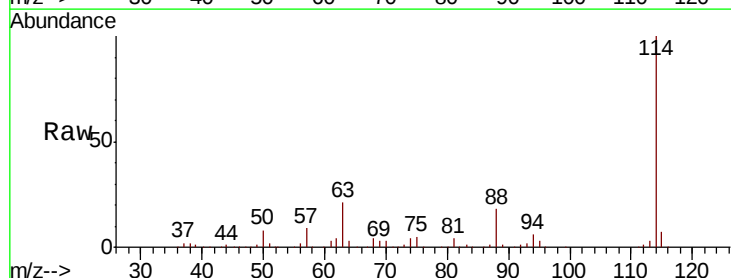
Tgt Ion: 114 Resp: 303654

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.8

88 17.7 0.0 33.8



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

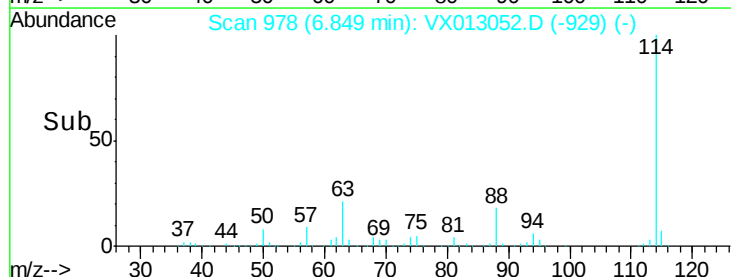
150000

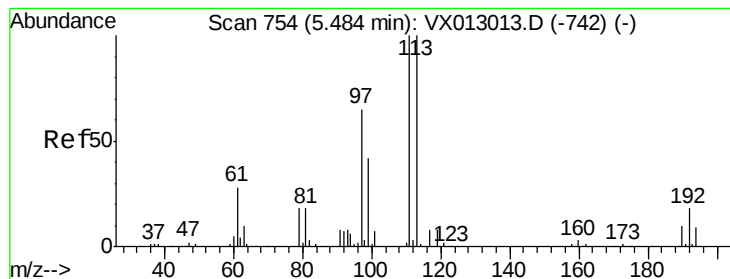
100000

50000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 52.760 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013052.D

Acq: 14 Oct 2019 15:19

Instrument :

MSVOA_X

ClientSampleId :

VX1014WBSD01

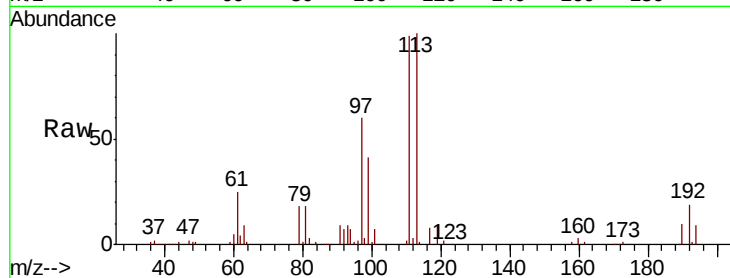
Tot Ion:113 Resp: 91950

Ion Ratio Lower Upper

113 100

111 102.0 83.2 124.8

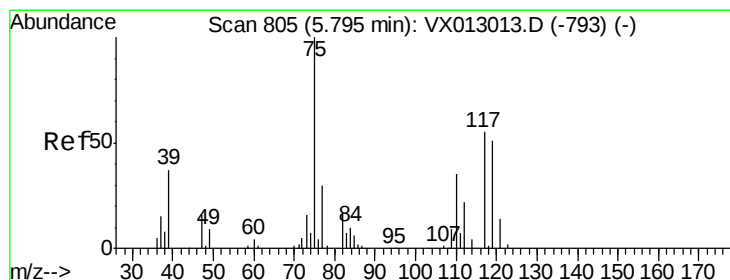
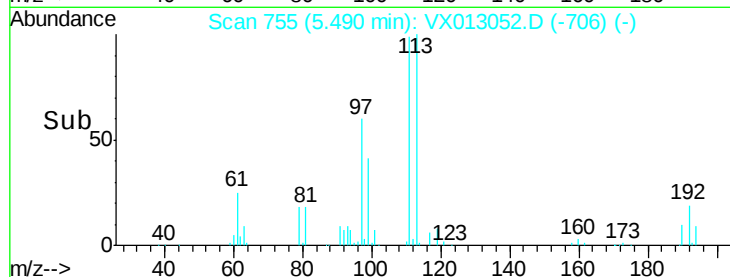
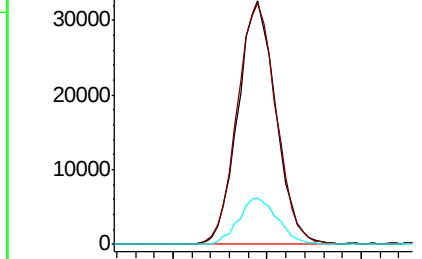
192 19.8 15.4 23.2



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: 19.596 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX013052.D

Acq: 14 Oct 2019 15:19

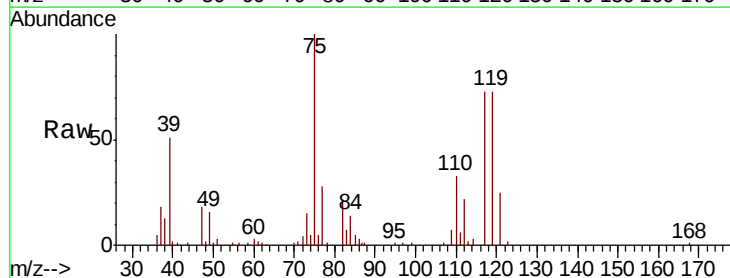
Tgt Ion: 75 Resp: 52317

Ion Ratio Lower Upper

75 100

110 35.5 17.6 52.9

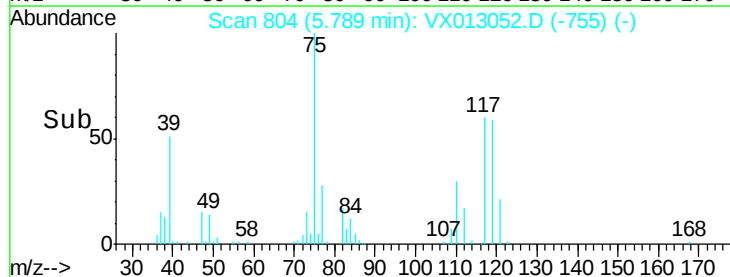
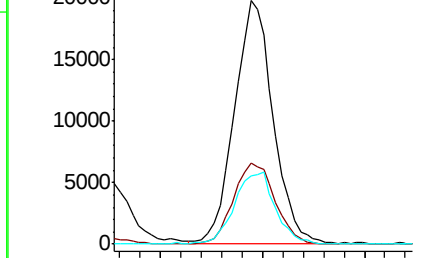
77 31.1 24.4 36.6

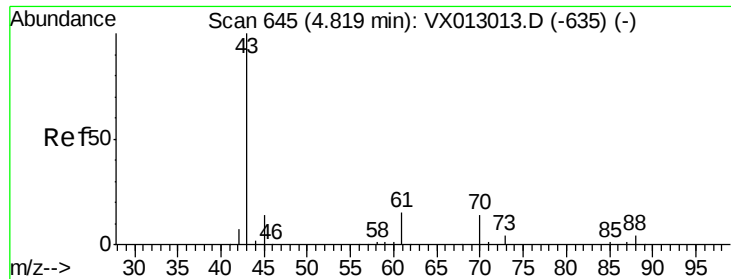


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

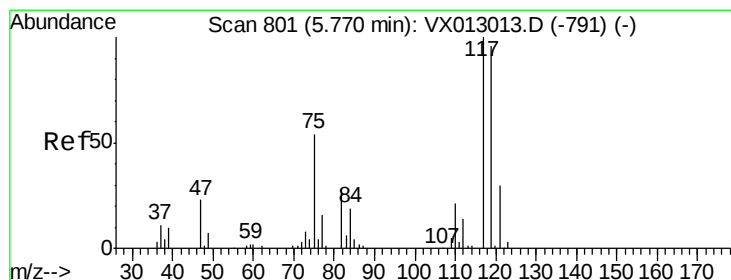
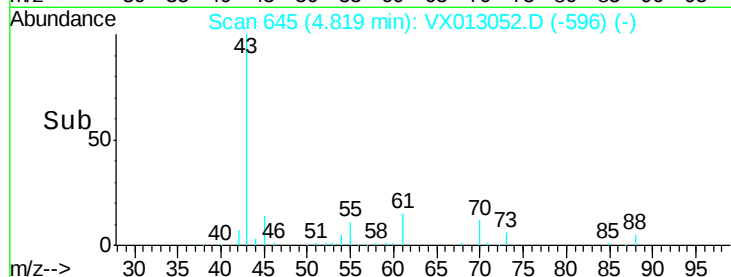
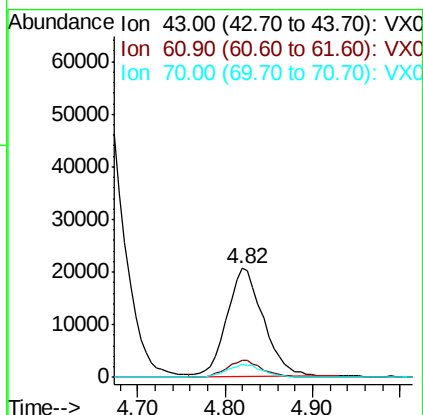
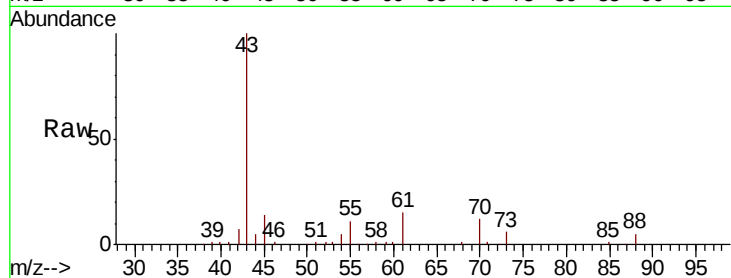




#37
Ethyl Acetate
Concen: 20.054 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013052.D
Acq: 14 Oct 2019 15:19

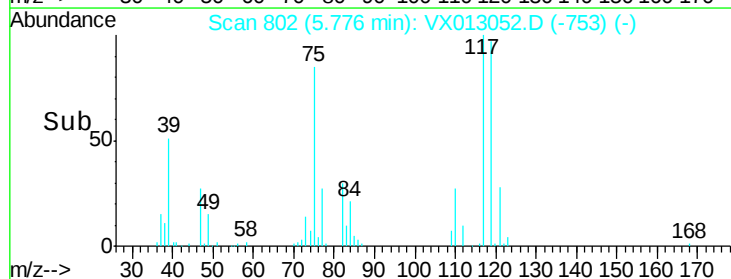
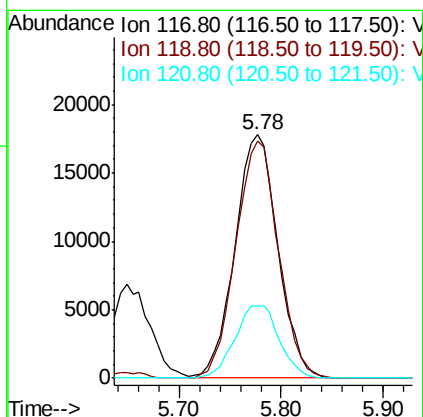
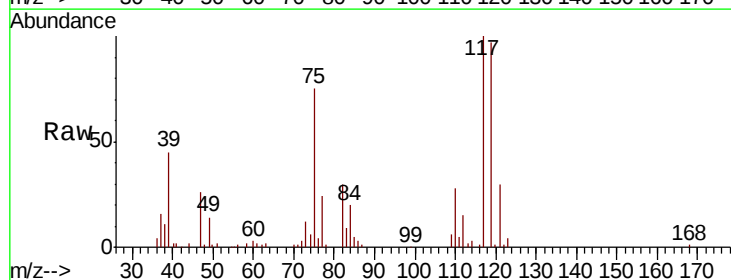
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBSD01

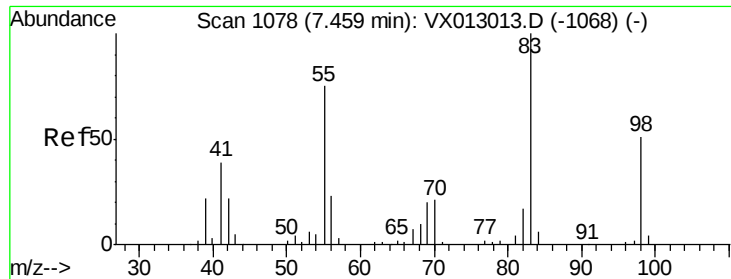
Tot Ion: 43 Resp: 59868
Ion Ratio Lower Upper
43 100
61 14.8 11.4 17.0
70 11.8 9.8 14.6



#38
Carbon Tetrachloride
Concen: 19.979 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013052.D
Acq: 14 Oct 2019 15:19

Tgt Ion: 117 Resp: 51918
Ion Ratio Lower Upper
117 100
119 97.4 74.5 111.7
121 29.9 24.2 36.4

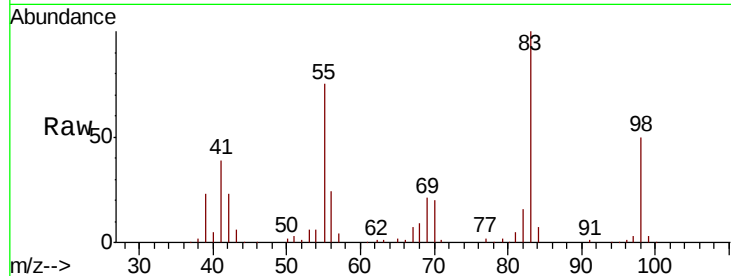




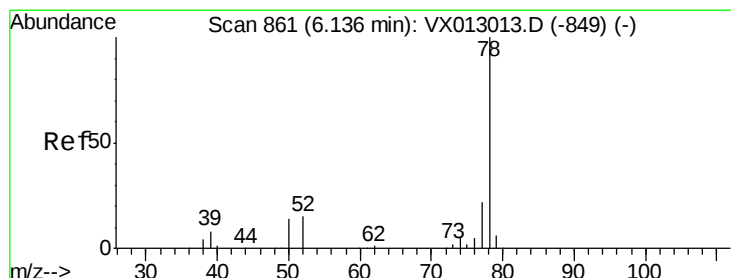
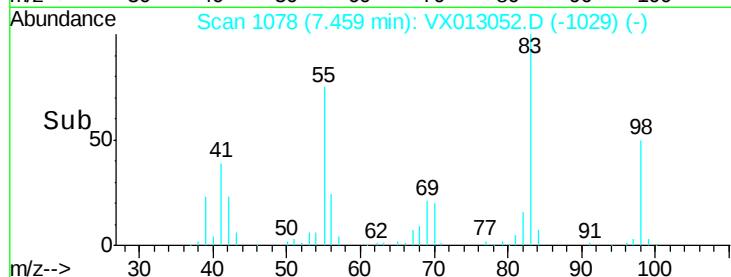
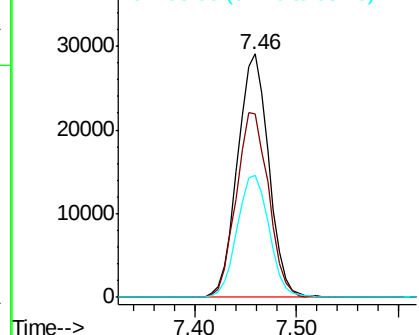
#39
Methvlcvclohexane
Concen: 19.072 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX013052.D
Acq: 14 Oct 2019 15:19

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBSD01

Tot Ion: 83 Resp: 61748
Ion Ratio Lower Upper
83 100
55 75.4 60.2 90.4
98 50.1 38.5 57.7

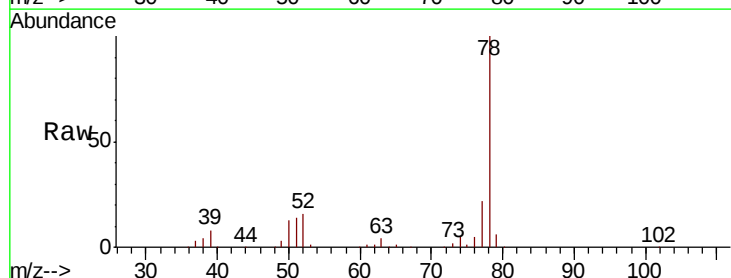


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

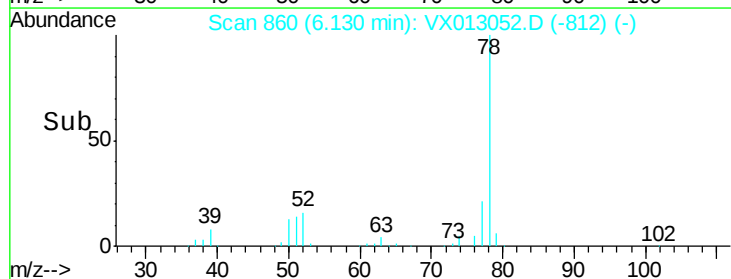
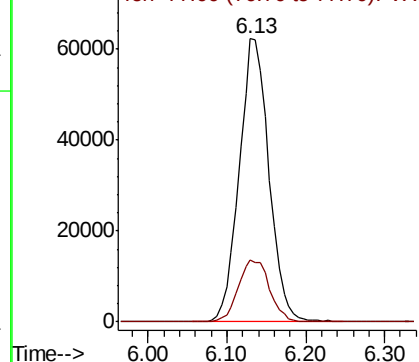


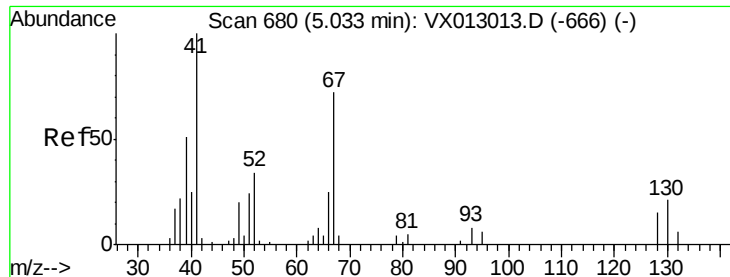
#40
Benzene
Concen: 20.720 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX013052.D
Acq: 14 Oct 2019 15:19

Tgt Ion: 78 Resp: 163376
Ion Ratio Lower Upper
78 100
77 21.7 19.0 28.4



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





#41

Methacrylonitrile

Concen: 20.459 ug/l

RT: 5.03 min Scan# 680

Delta R.T. -0.00 min

Lab File: VX013052.D

Acq: 14 Oct 2019 15:19

Instrument :

MSVOA_X

ClientSampleId :

VX1014WBSD01

Tot Ion: 41 Resp: 33560

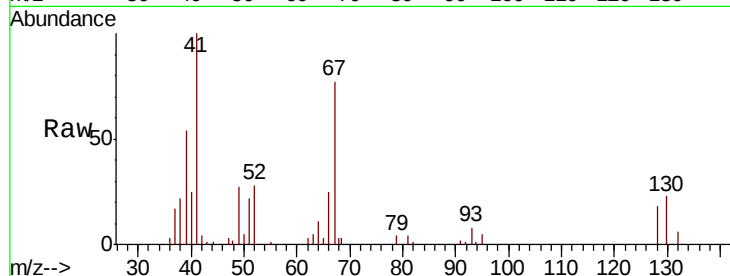
Ion Ratio Lower Upper

41 100

39 54.5 44.0 66.0

67 73.4 58.5 87.7

52 29.7 23.8 35.8



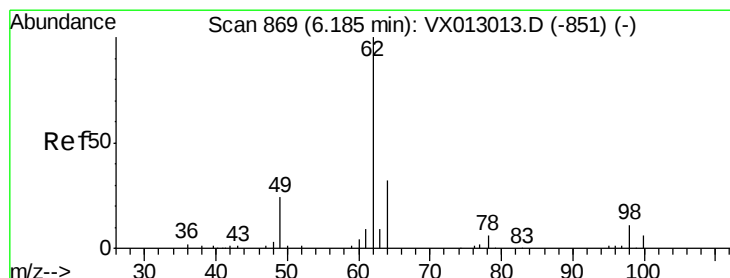
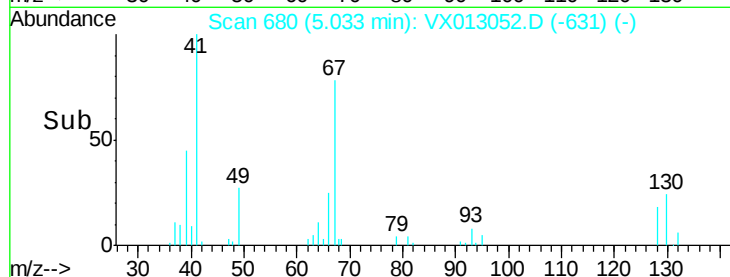
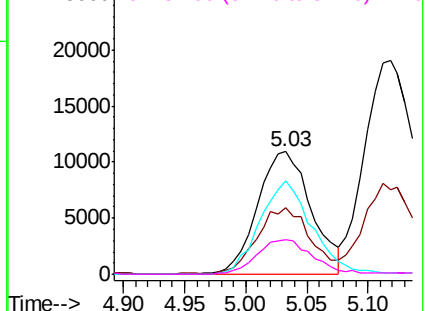
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.804 ug/l

RT: 6.18 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX013052.D

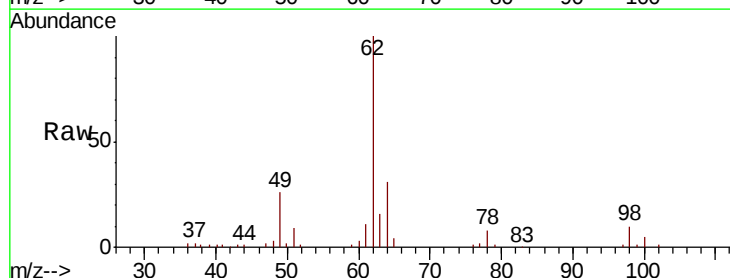
Acq: 14 Oct 2019 15:19

Tgt Ion: 62 Resp: 58862

Ion Ratio Lower Upper

62 100

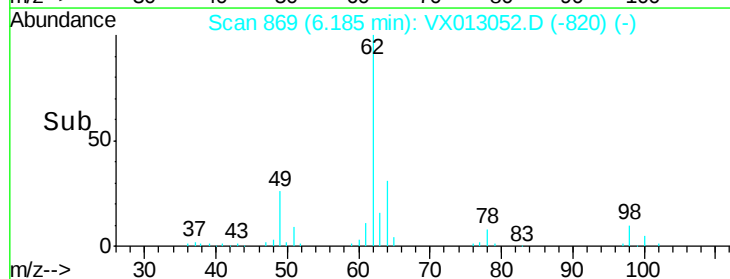
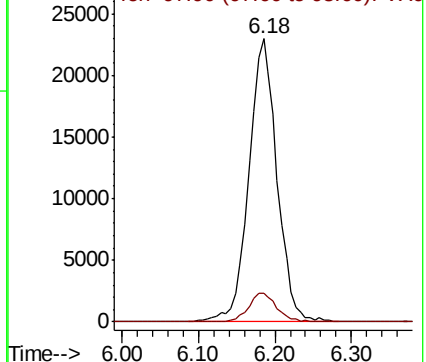
98 10.2 0.0 20.4

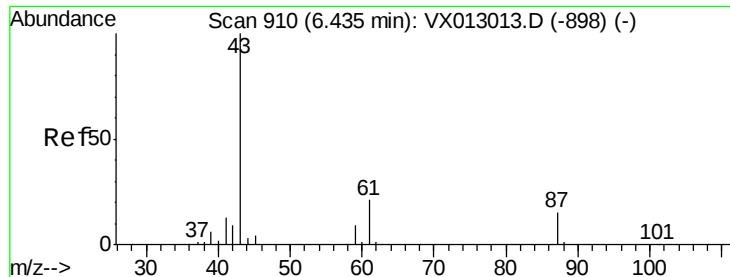


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



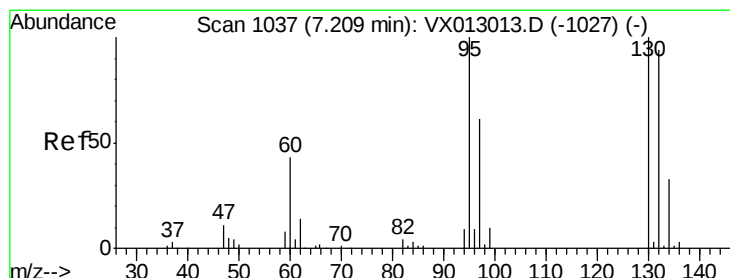
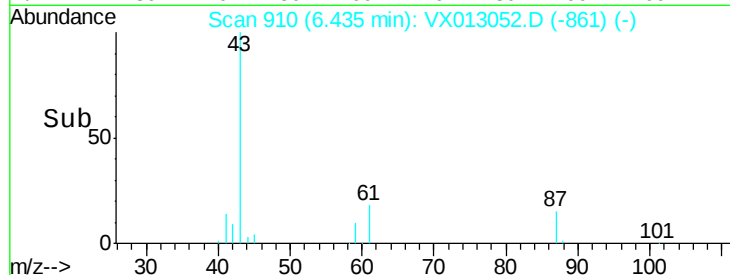
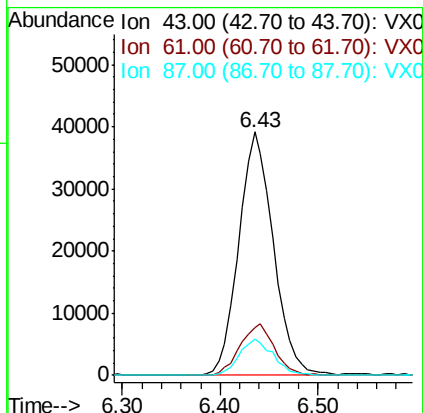
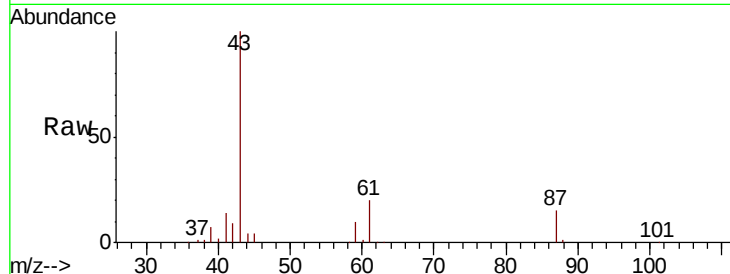


#43

Isopropyl Acetate
 Concen: 20.137 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX013052.D
 Acq: 14 Oct 2019 15:19

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1014WBSD01

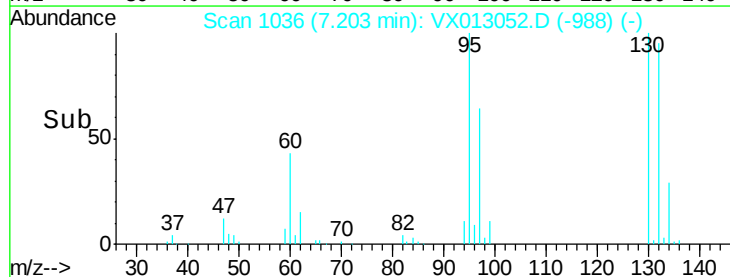
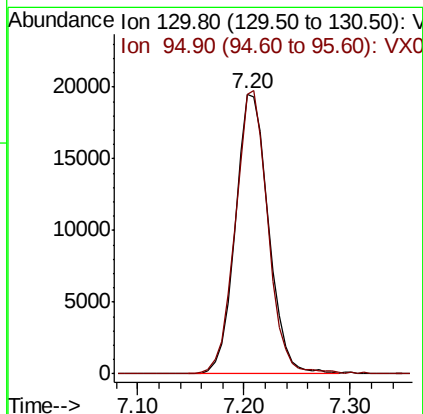
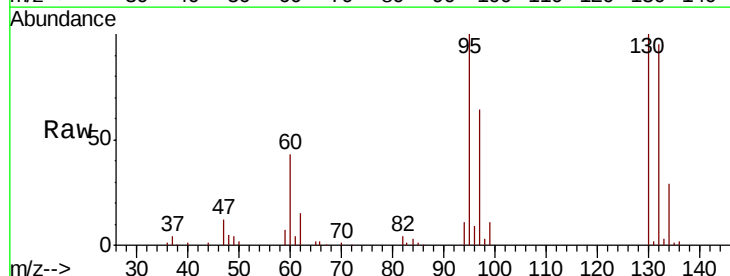
Tot Ion: 43 Resp: 96488
 Ion Ratio Lower Upper
 43 100
 61 21.0 16.6 24.8
 87 14.7 11.0 16.6

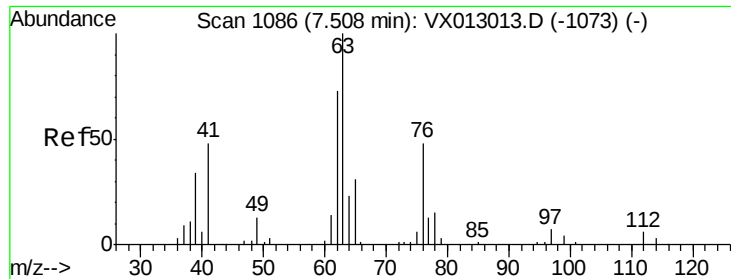


#44

Trichloroethene
 Concen: 19.517 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX013052.D
 Acq: 14 Oct 2019 15:19

Tgt Ion: 130 Resp: 42674
 Ion Ratio Lower Upper
 130 100
 95 99.8 0.0 189.2





#45

1,2-Dichloropropane

Concen: 20.315 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013052.D

Acq: 14 Oct 2019 15:19

Instrument :

MSVOA_X

ClientSampleId :

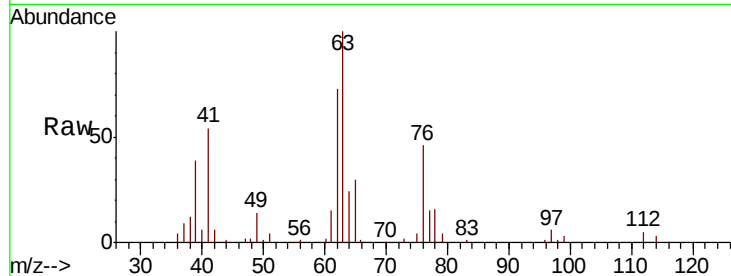
VX1014WBSD01

Tot Ion: 63 Resp: 40826

Ion Ratio Lower Upper

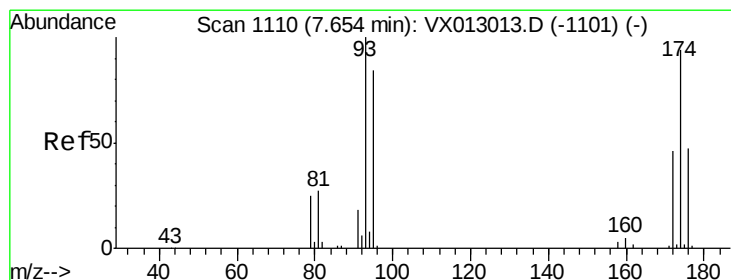
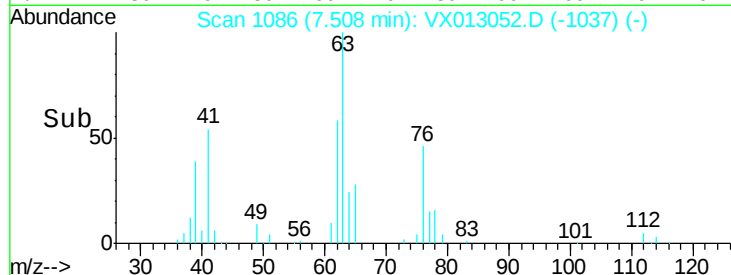
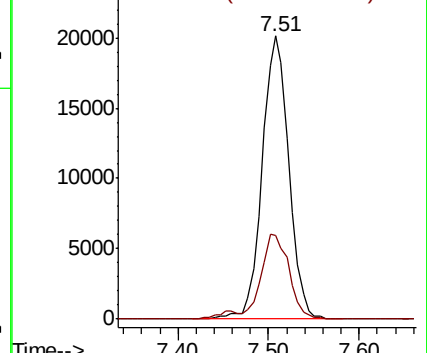
63 100

65 29.6 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.677 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013052.D

Acq: 14 Oct 2019 15:19

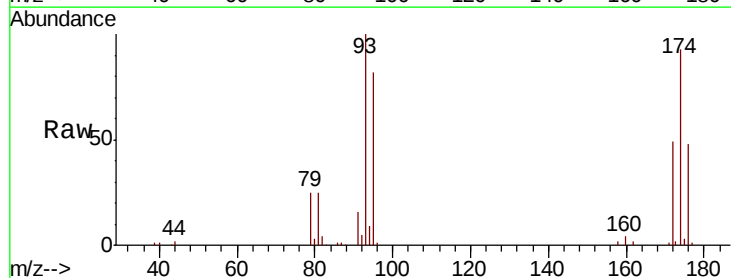
Tgt Ion: 93 Resp: 27685

Ion Ratio Lower Upper

93 100

95 84.3 66.3 99.5

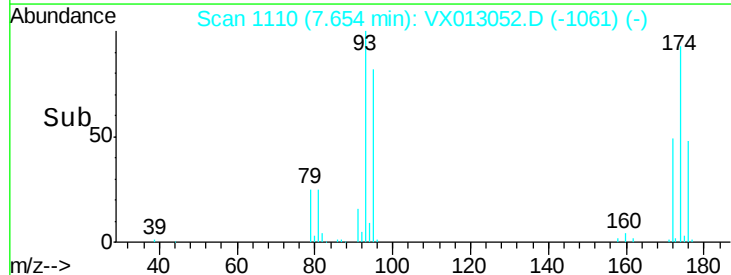
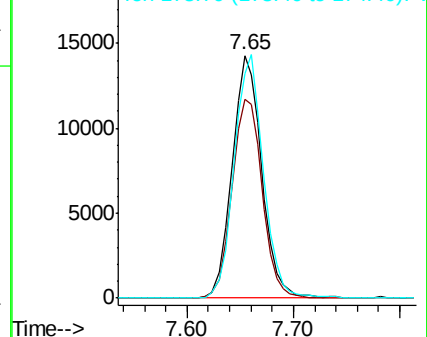
174 99.5 77.8 116.6

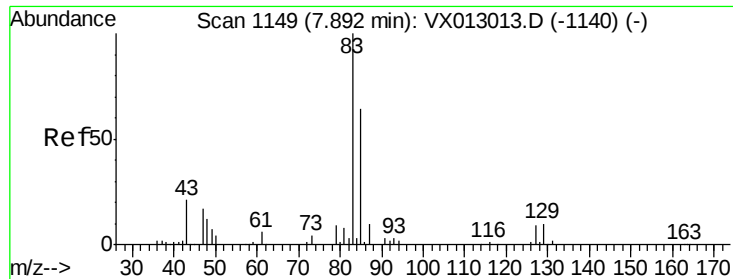


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.557 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013052.D

Acq: 14 Oct 2019 15:19

Instrument :

MSVOA_X

ClientSampleId :

VX1014WBSD01

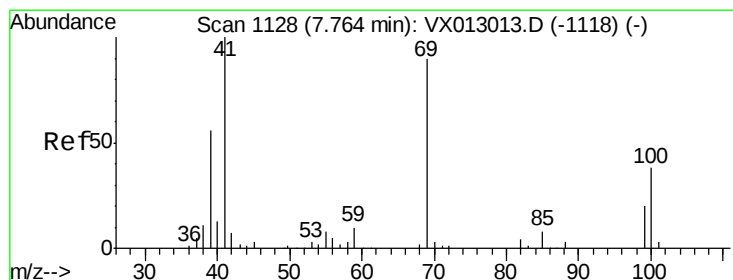
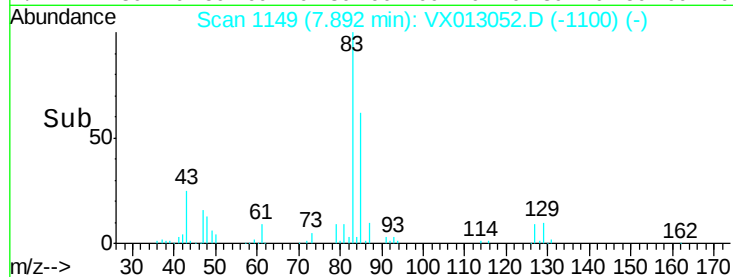
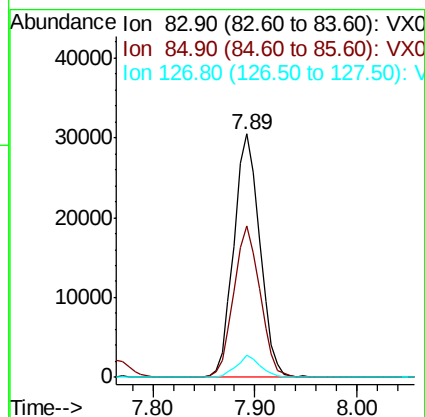
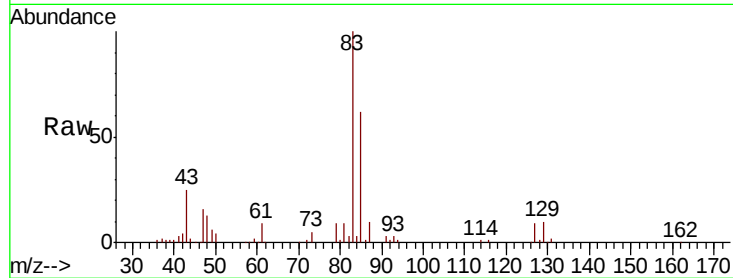
Tot Ion: 83 Resp: 53714

Ion Ratio Lower Upper

83 100

85 62.3 52.4 78.6

127 9.2 6.6 10.0



#48

Methyl methacrylate

Concen: 19.907 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013052.D

Acq: 14 Oct 2019 15:19

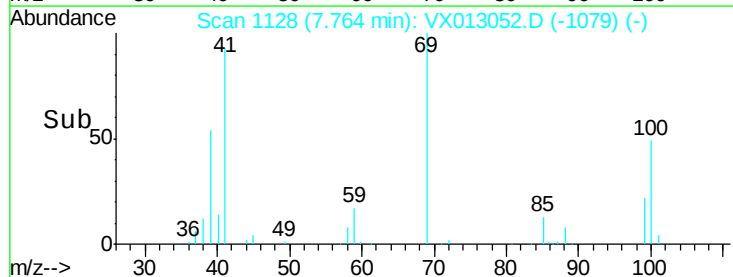
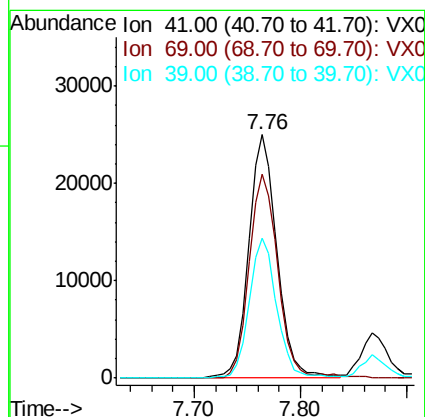
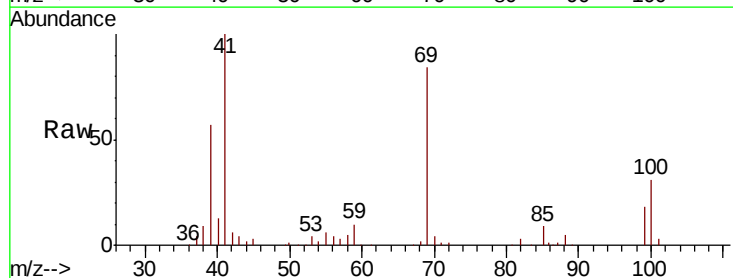
Tgt Ion: 41 Resp: 46482

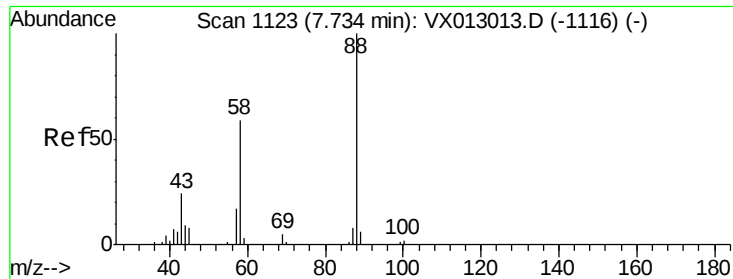
Ion Ratio Lower Upper

41 100

69 84.1 68.7 103.1

39 56.2 44.3 66.5

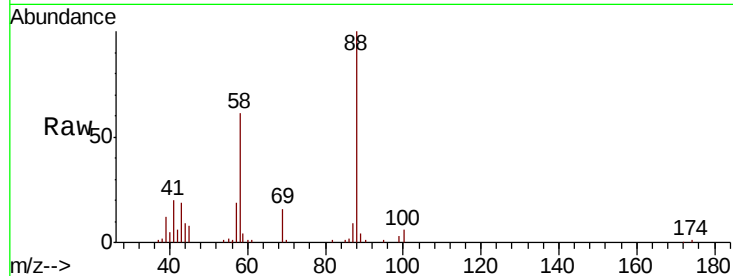




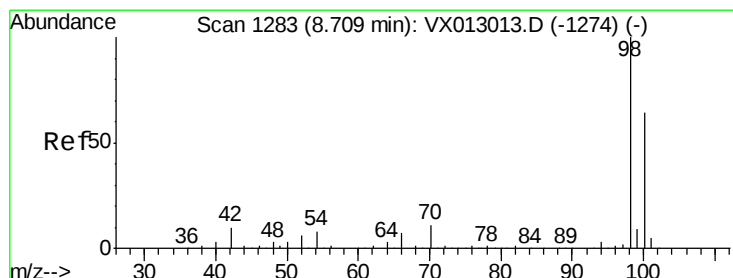
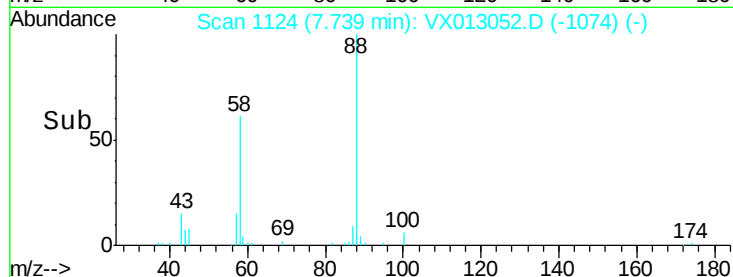
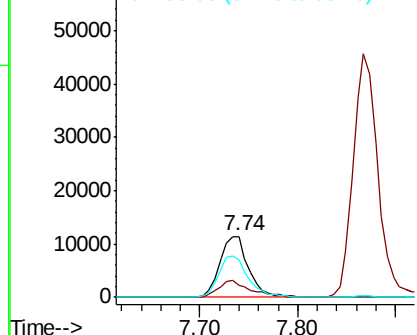
#49
1,4-Dioxane
Concen: 394.028 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX013052.D
Acq: 14 Oct 2019 15:19

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBSD01

Tot Ion: 88 Resp: 23309
Ion Ratio Lower Upper
88 100
43 30.8 25.0 37.6
58 70.3 55.4 83.2

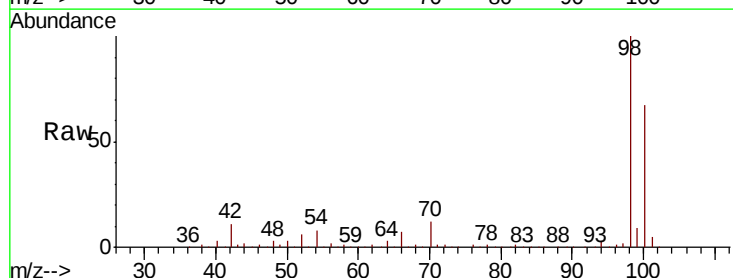


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

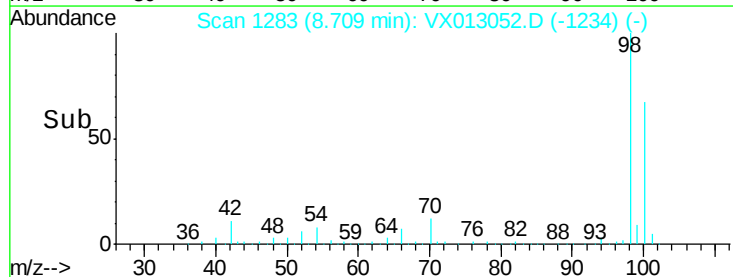
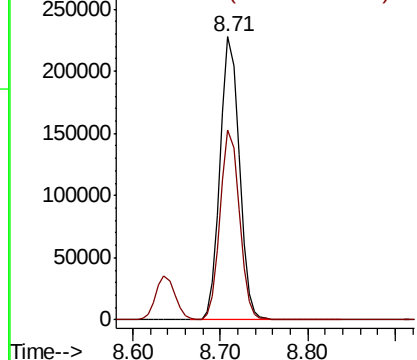


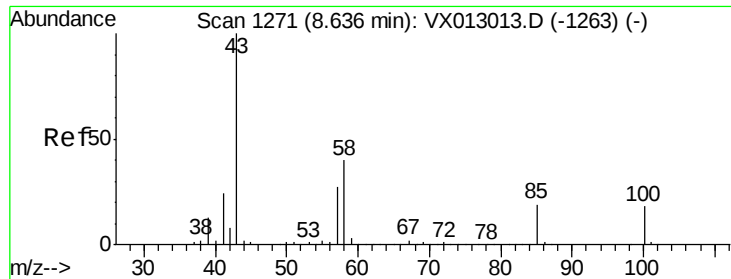
#50
Toluene-d8
Concen: 51.320 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013052.D
Acq: 14 Oct 2019 15:19

Tgt Ion: 98 Resp: 348845
Ion Ratio Lower Upper
98 100
100 66.9 53.4 80.2



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





#51

4-Methyl-2-Pentanone

Concen: 103.425 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013052.D

Acq: 14 Oct 2019 15:19

Instrument :

MSVOA_X

ClientSampleId :

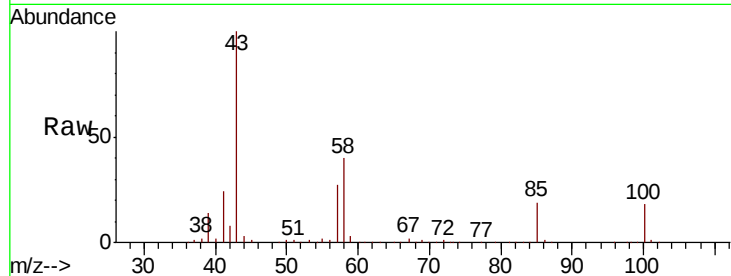
VX1014WBSD01

Tot Ion: 43 Resp: 308969

Ion Ratio Lower Upper

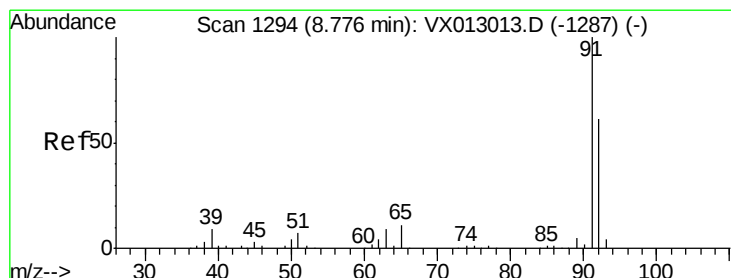
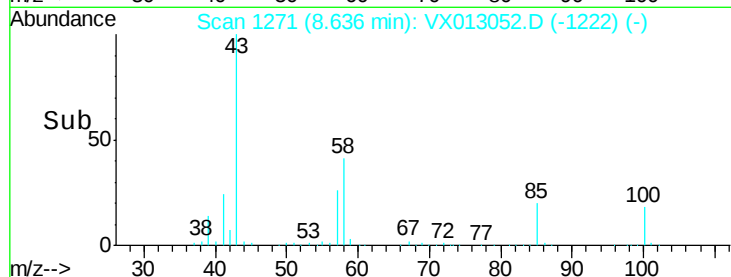
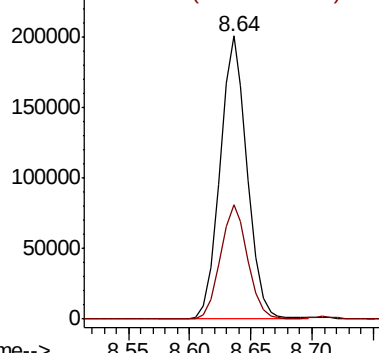
43 100

58 40.6 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.284 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013052.D

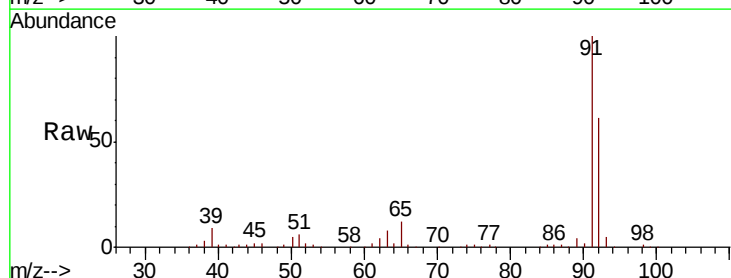
Acq: 14 Oct 2019 15:19

Tgt Ion: 92 Resp: 102326

Ion Ratio Lower Upper

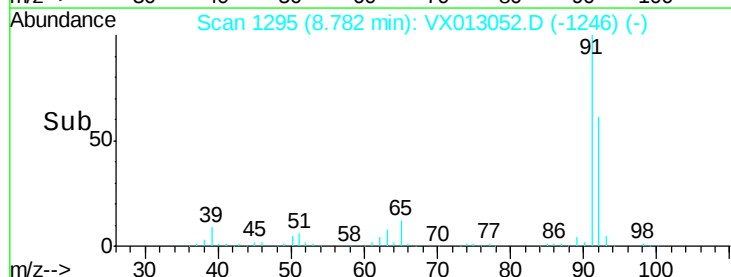
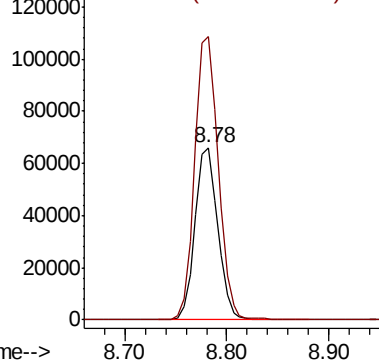
92 100

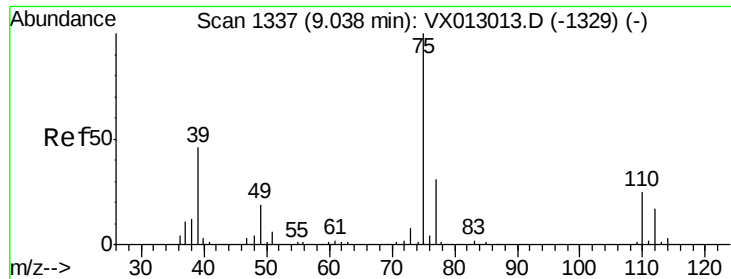
91 169.8 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

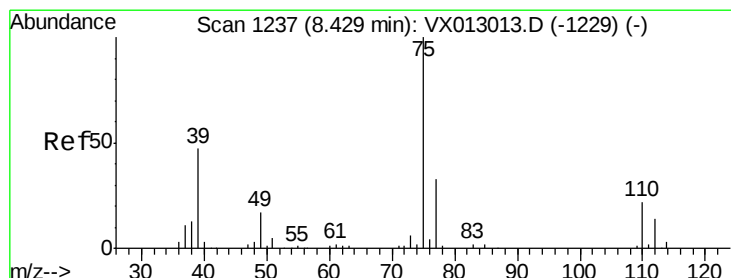
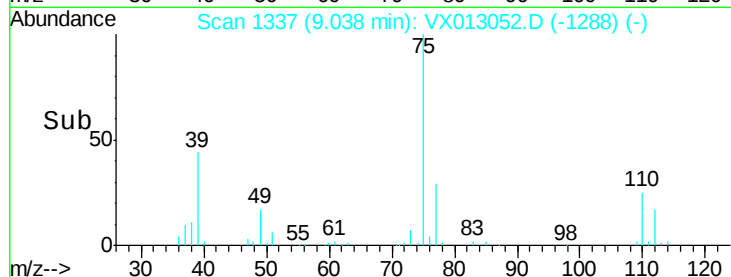
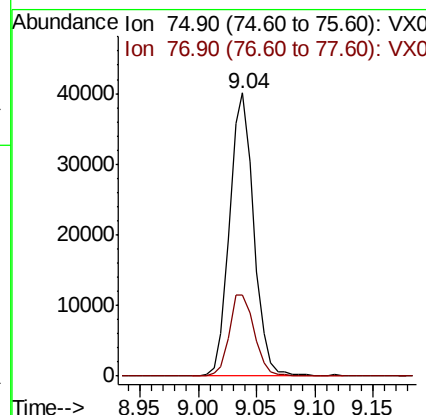
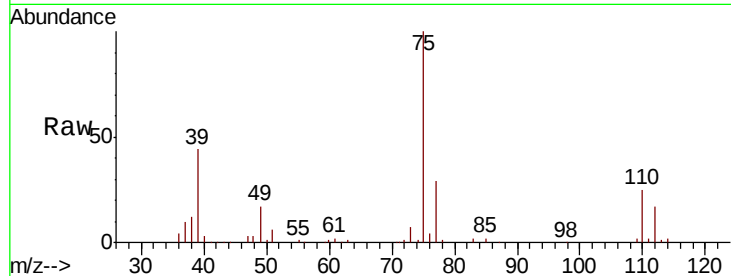




#53
 t-1,3-Dichloropropene
 Concen: 19.129 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX013052.D
 Acq: 14 Oct 2019 15:19

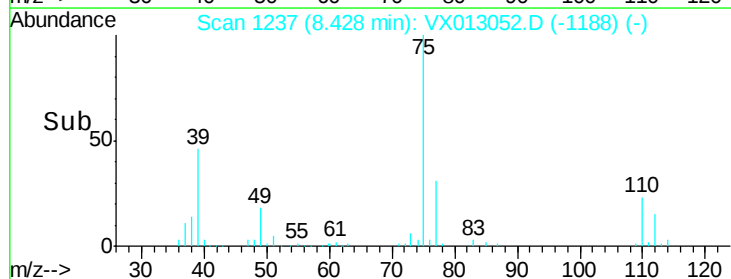
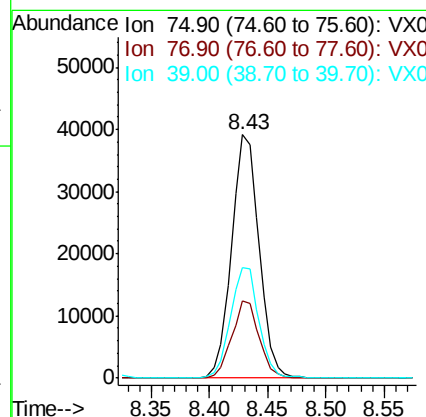
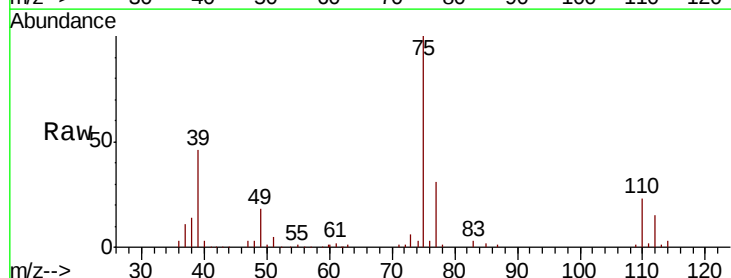
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014WBSD01

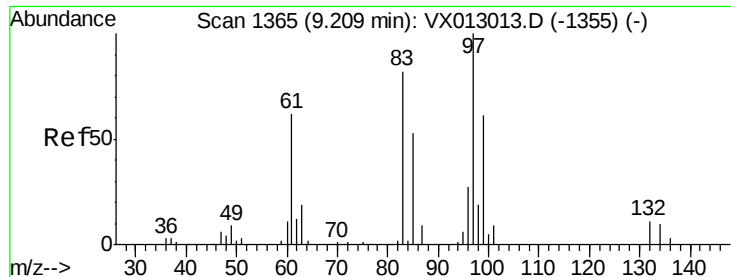
Tot Ion: 75 Resp: 57814
 Ion Ratio Lower Upper
 75 100
 77 28.7 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 20.015 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX013052.D
 Acq: 14 Oct 2019 15:19

Tgt Ion: 75 Resp: 64323
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.8 38.8
 39 45.6 38.2 57.2

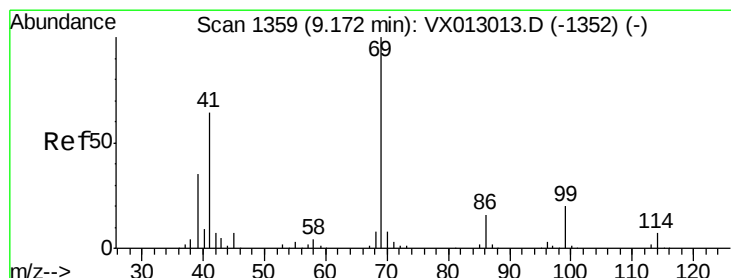
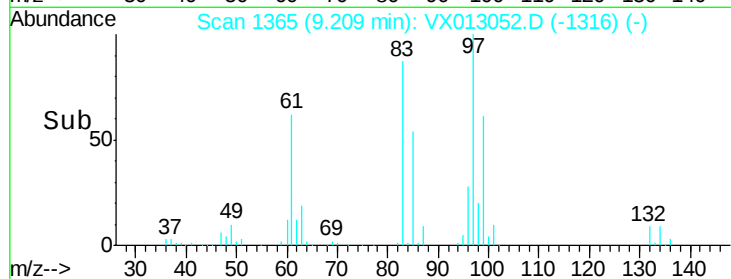
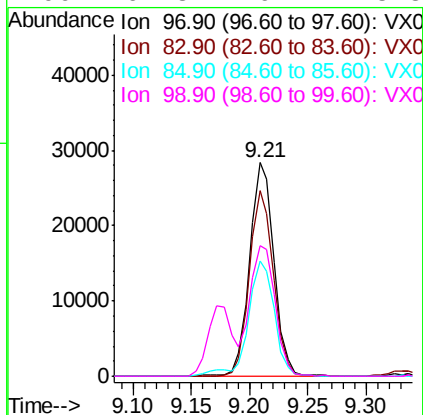
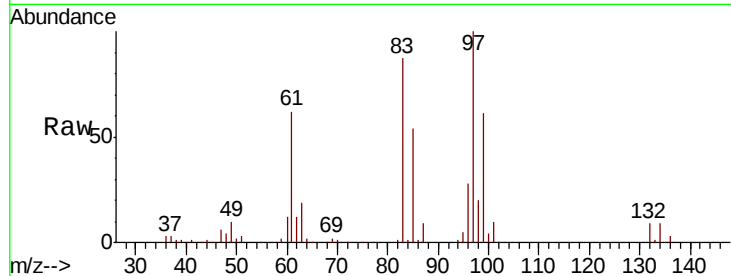




#55
 1,1,2-Trichloroethane
 Concen: 20.767 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013052.D
 Acq: 14 Oct 2019 15:19

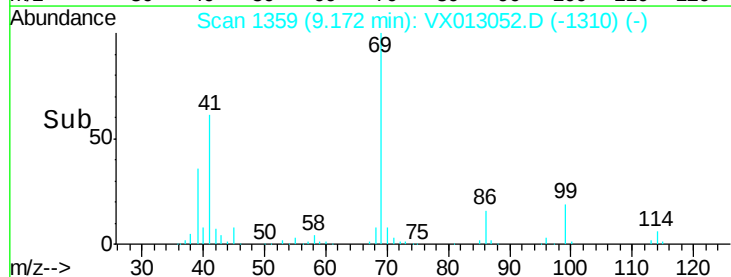
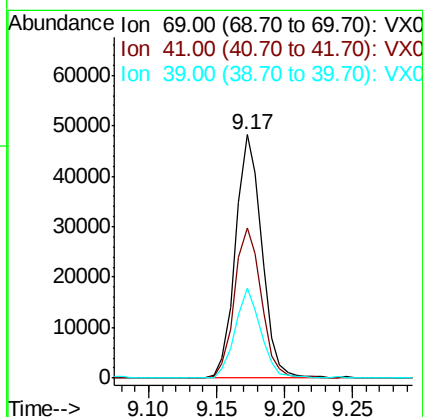
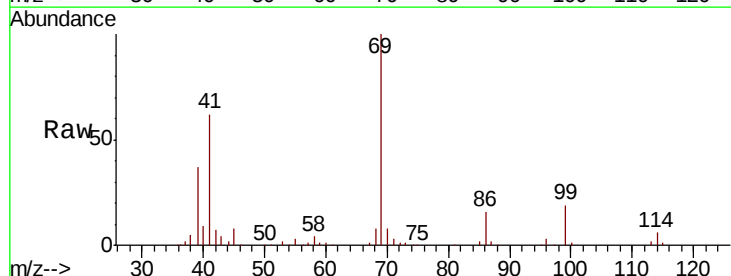
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014WBSD01

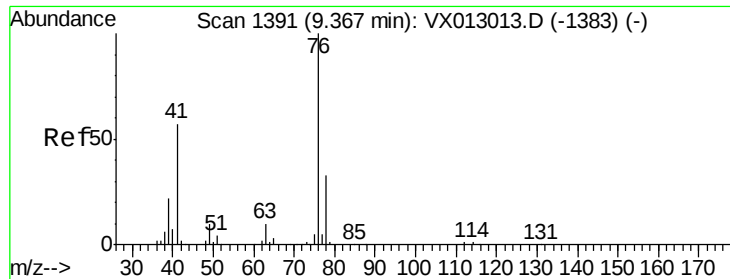
Tot Ion:	97	Resp:	41458
Ion	Ratio	Lower	Upper
97	100		
83	87.0	66.5	99.7
85	54.1	43.1	64.7
99	61.3	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 19.341 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013052.D
 Acq: 14 Oct 2019 15:19

Tgt Ion:	69	Resp:	64974
Ion	Ratio	Lower	Upper
69	100		
41	63.7	52.1	78.1
39	35.4	27.8	41.8





#57

1,3-Dichloropropane

Concen: 20.508 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013052.D

Acq: 14 Oct 2019 15:19

Instrument :

MSVOA_X

ClientSampleId :

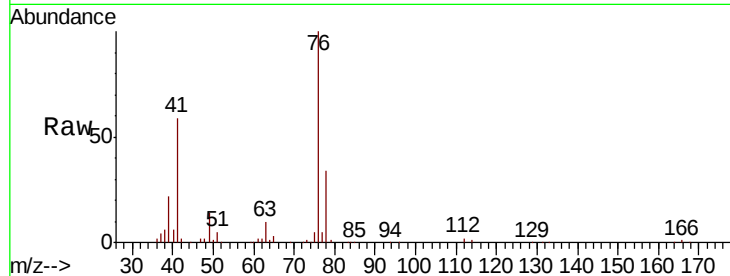
VX1014WBSD01

Tot Ion: 76 Resp: 70819

Ion Ratio Lower Upper

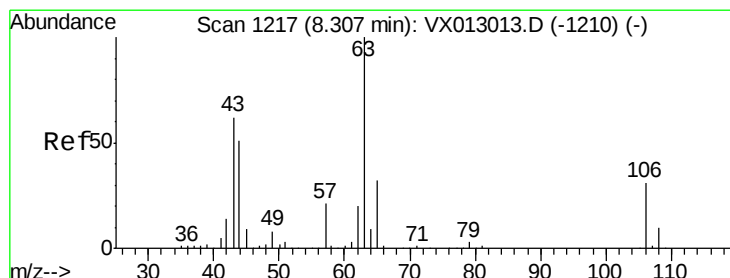
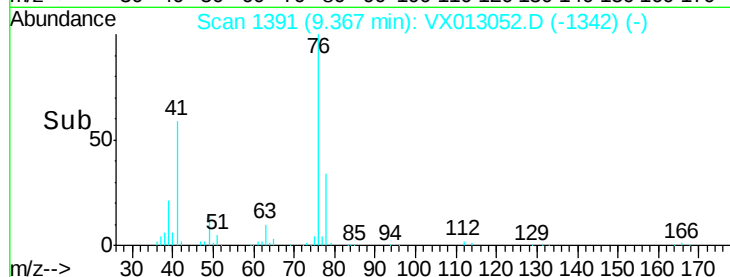
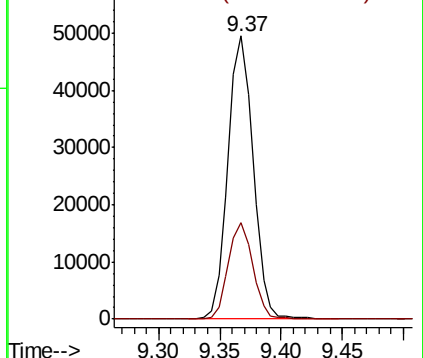
76 100

78 33.3 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 105.038 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013052.D

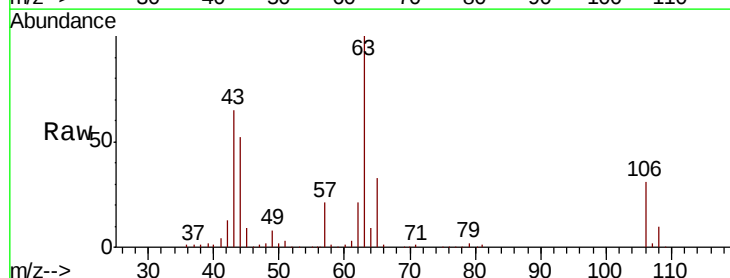
Acq: 14 Oct 2019 15:19

Tgt Ion: 63 Resp: 154045

Ion Ratio Lower Upper

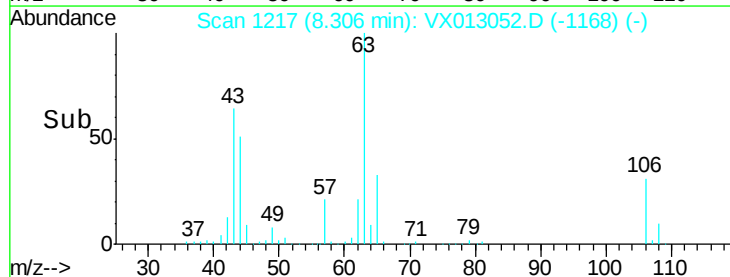
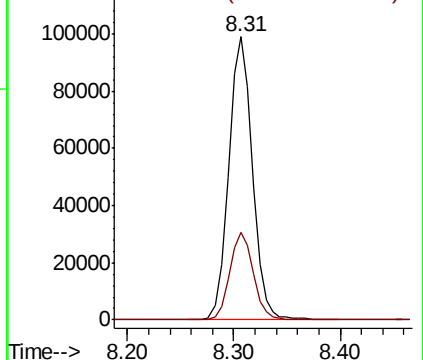
63 100

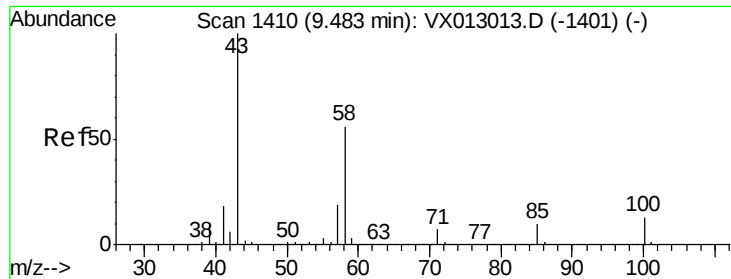
106 30.8 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

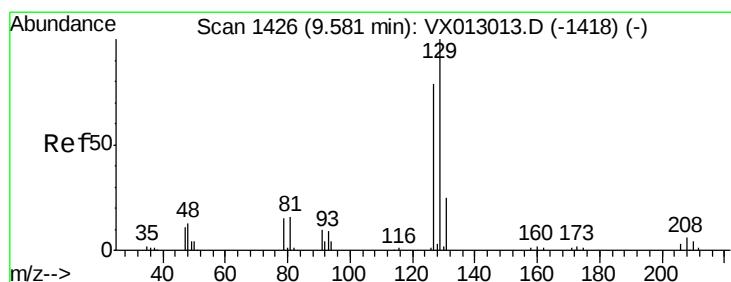
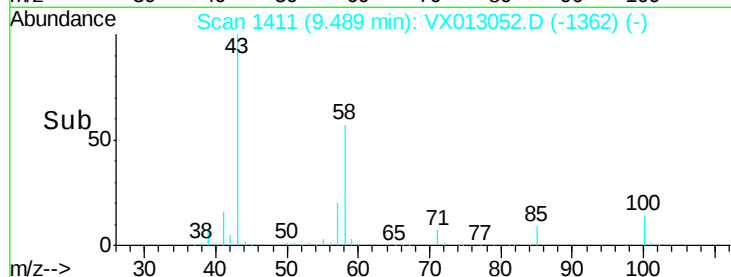
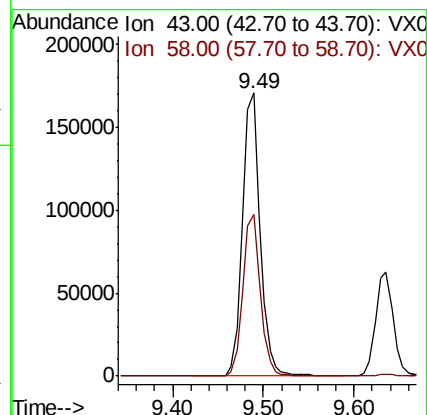
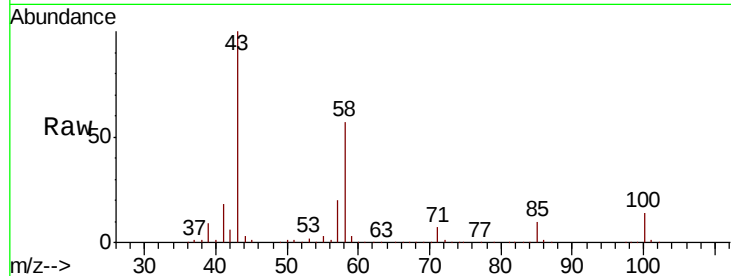




#59
2-Hexanone
Concen: 99.526 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX013052.D
Acq: 14 Oct 2019 15:19

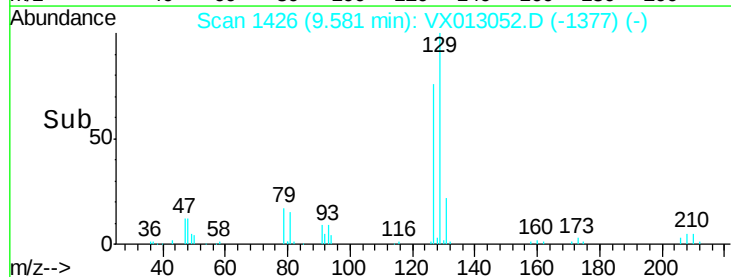
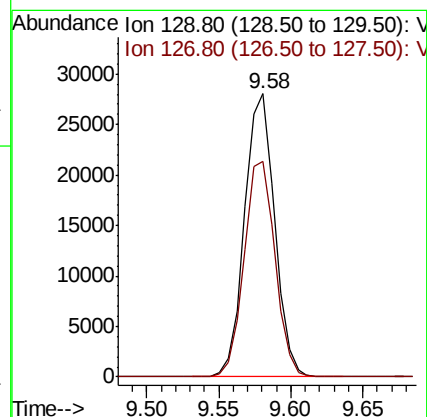
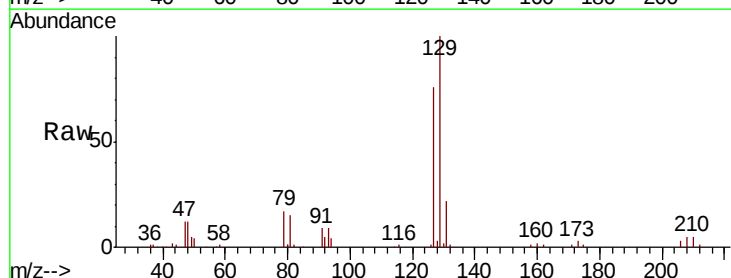
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBSD01

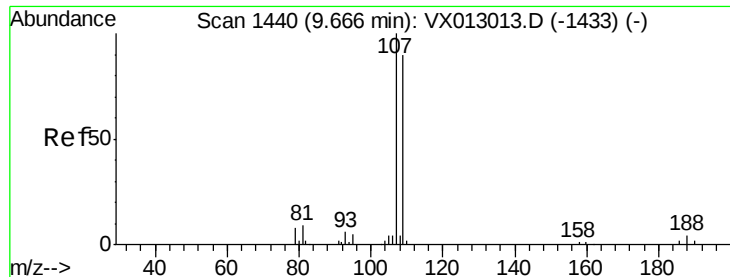
Tot Ion: 43 Resp: 231445
Ion Ratio Lower Upper
43 100
58 56.4 28.1 84.3



#60
Dibromochloromethane
Concen: 19.455 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX013052.D
Acq: 14 Oct 2019 15:19

Tgt Ion: 129 Resp: 40603
Ion Ratio Lower Upper
129 100
127 78.3 38.9 116.7

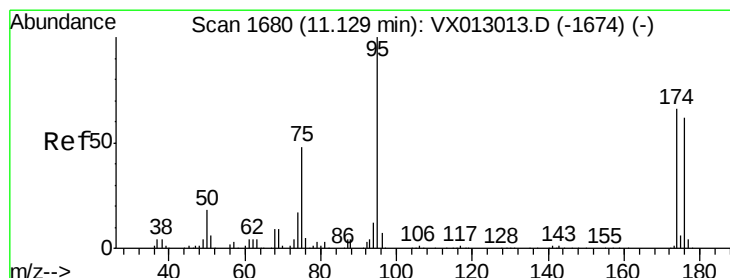
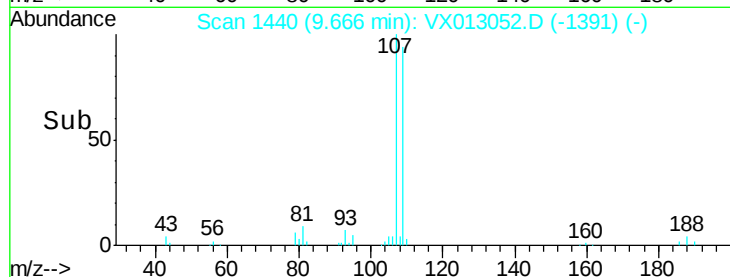
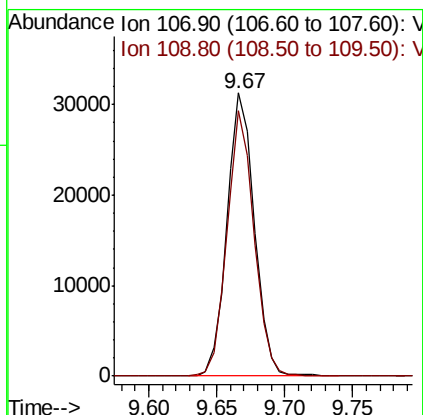
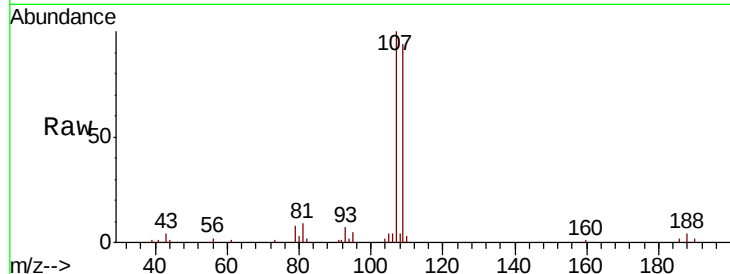




#61
 1,2-Dibromoethane
 Concen: 20.839 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX013052.D
 Acq: 14 Oct 2019 15:19

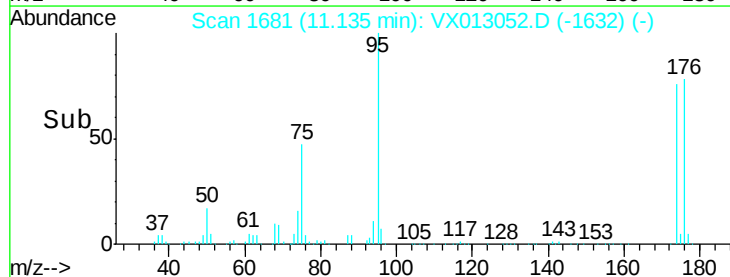
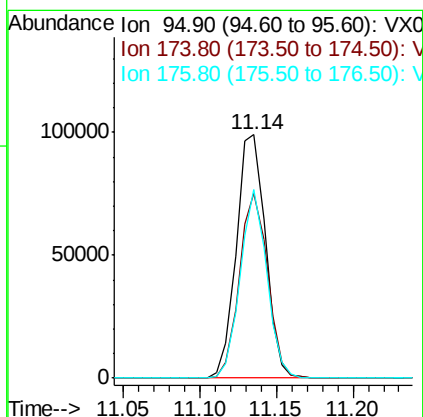
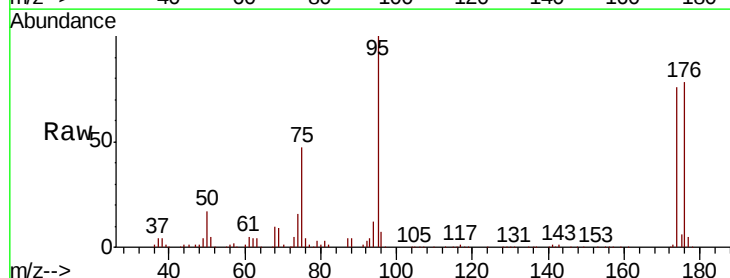
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014WBSD01

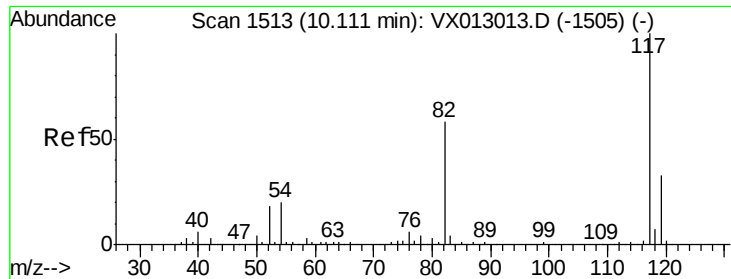
Tot Ion:107 Resp: 43763
 Ion Ratio Lower Upper
 107 100
 109 92.3 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 49.549 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VX013052.D
 Acq: 14 Oct 2019 15:19

Tgt Ion: 95 Resp: 130869
 Ion Ratio Lower Upper
 95 100
 174 73.6 0.0 143.4
 176 70.5 0.0 136.0

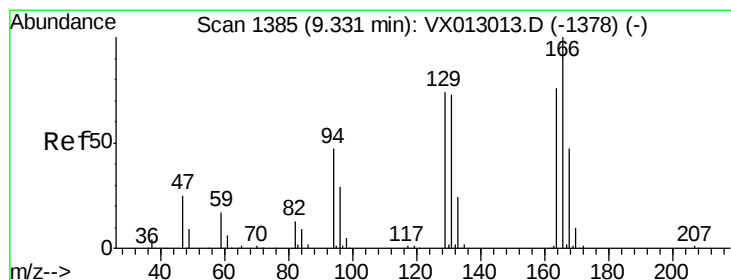
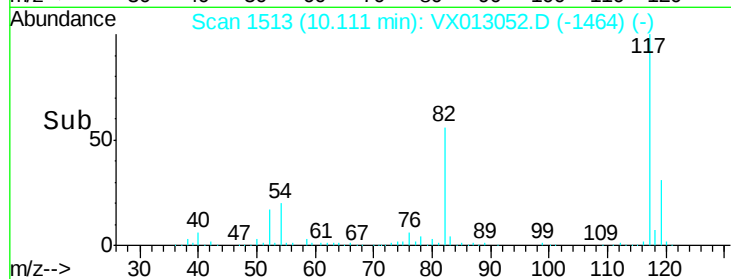
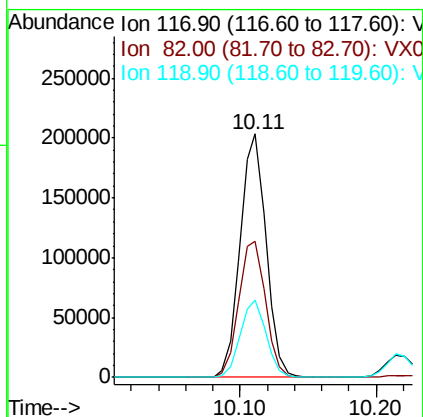
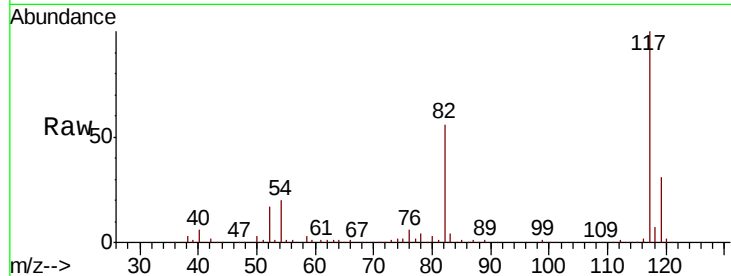




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013052.D
Acq: 14 Oct 2019 15:19

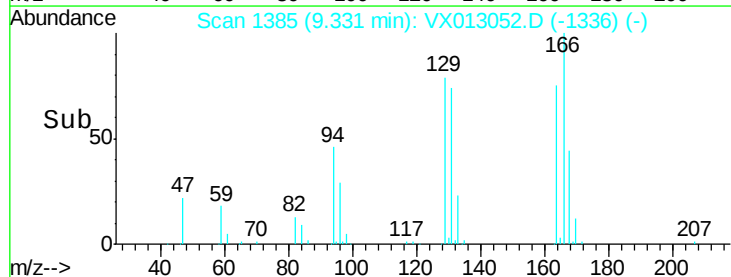
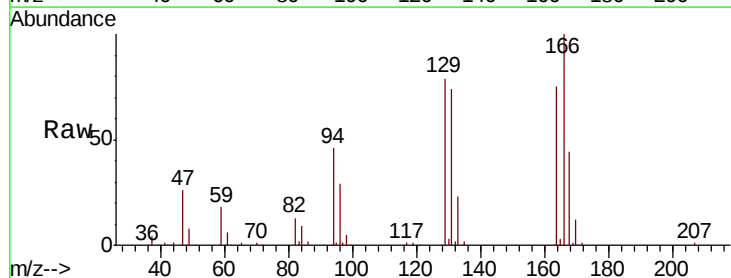
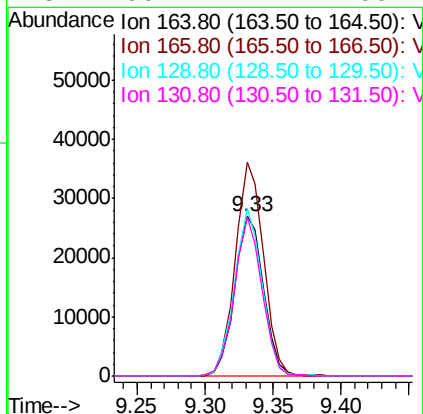
Instrument :
MSVOA_X
ClientSampled :
VX1014WBSD01

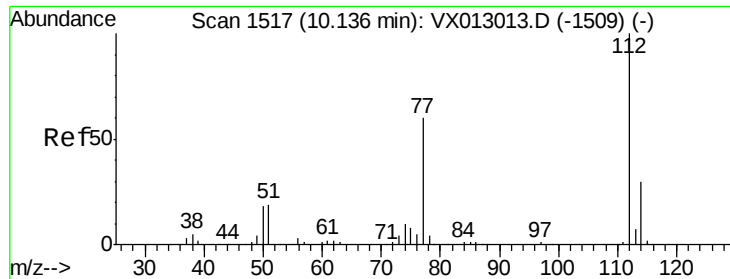
Tot Ion:117 Resp: 270973
Ion Ratio Lower Upper
117 100
82 56.0 44.1 66.1
119 31.5 25.8 38.8



#64
Tetrachloroethene
Concen: 21.181 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013052.D
Acq: 14 Oct 2019 15:19

Tgt Ion:164 Resp: 39809
Ion Ratio Lower Upper
164 100
166 133.9 96.9 145.3
129 105.4 77.9 116.9
131 99.4 72.7 109.1

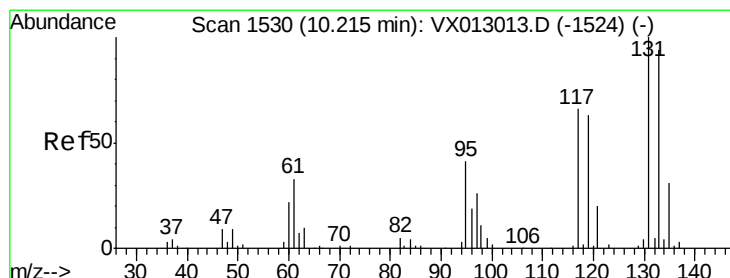
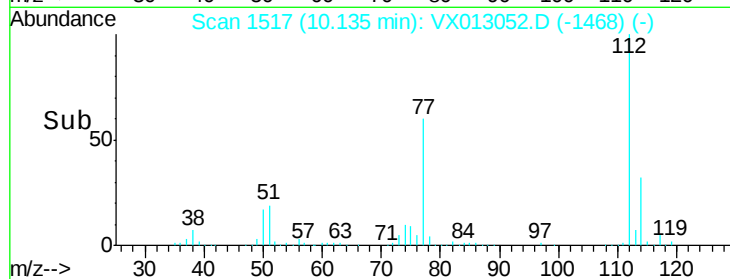
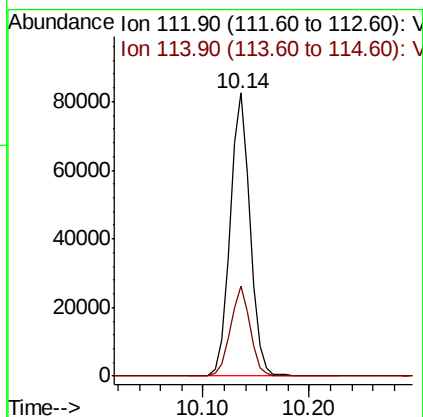
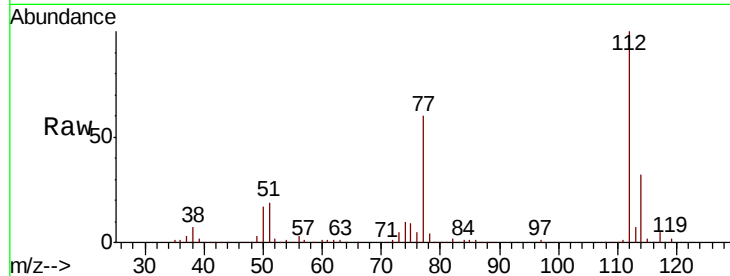




#65
Chlorobenzene
Concen: 20.160 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013052.D
Acq: 14 Oct 2019 15:19

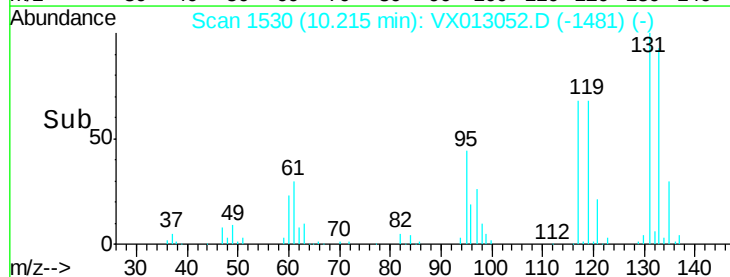
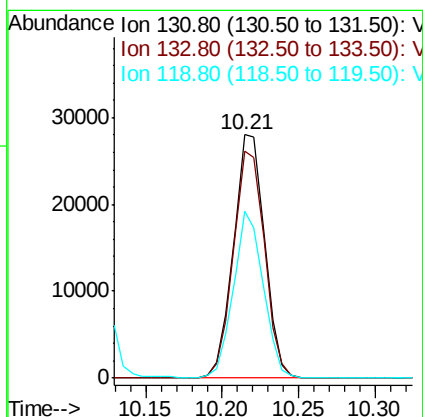
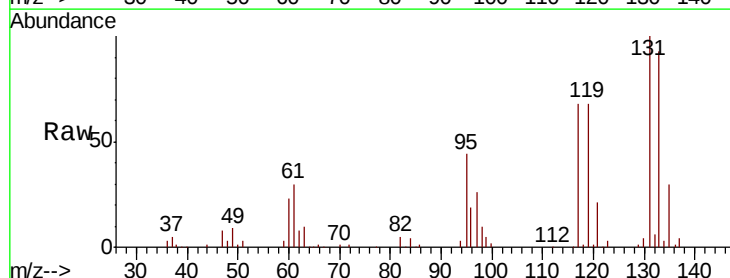
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBSD01

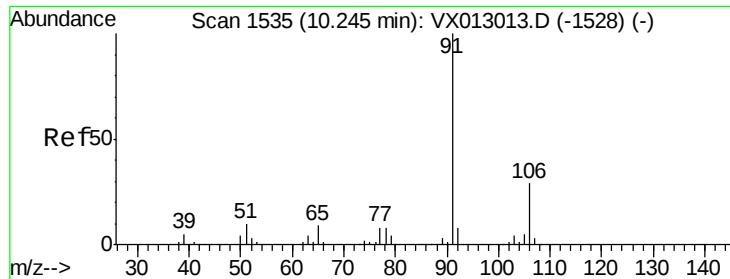
Tot Ion:112 Resp: 108481
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.210 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013052.D
Acq: 14 Oct 2019 15:19

Tgt Ion:131 Resp: 39572
Ion Ratio Lower Upper
131 100
133 93.7 47.2 141.6
119 65.6 32.6 98.0

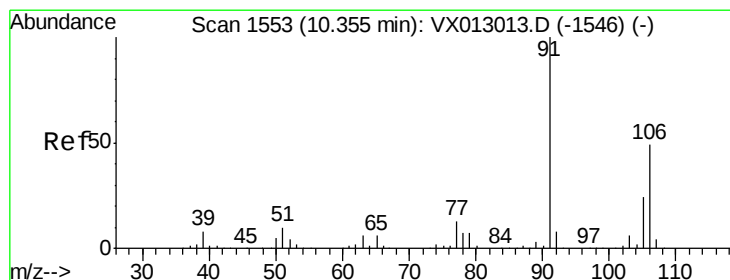
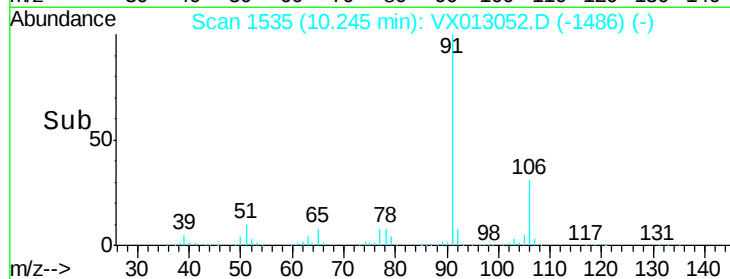
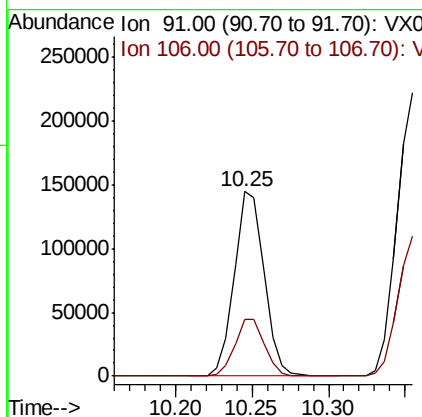
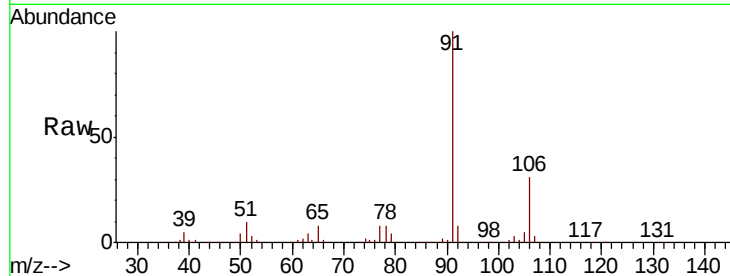




#67
Ethyl Benzene
Concen: 20.521 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013052.D
Acq: 14 Oct 2019 15:19

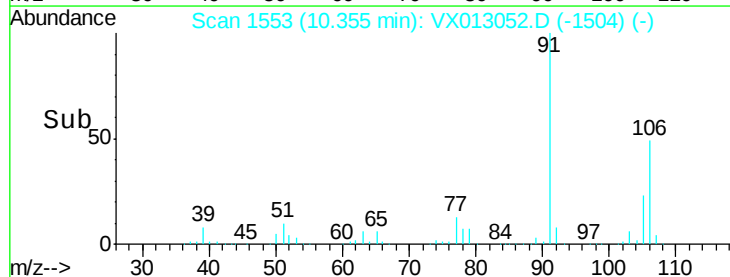
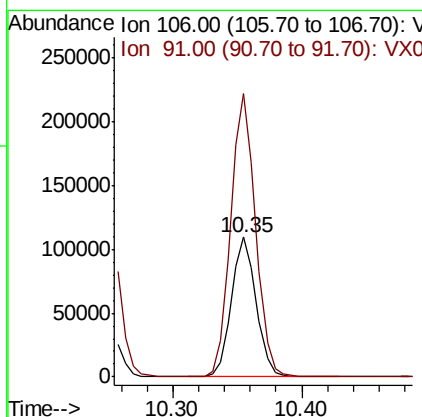
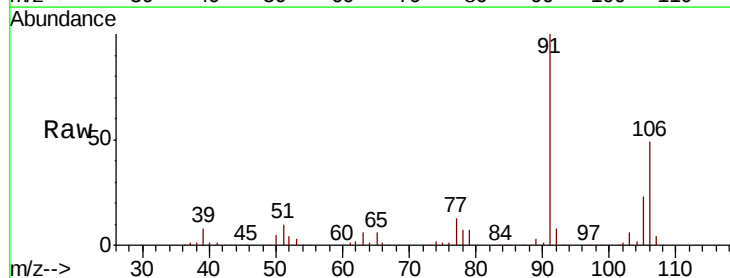
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBSD01

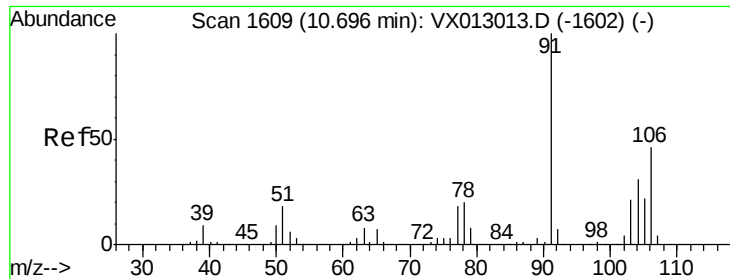
Tot Ion: 91 Resp: 196150
Ion Ratio Lower Upper
91 100
106 30.6 23.9 35.9



#68
m/p-Xylenes
Concen: 41.028 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013052.D
Acq: 14 Oct 2019 15:19

Tgt Ion: 106 Resp: 146505
Ion Ratio Lower Upper
106 100
91 204.6 165.3 247.9

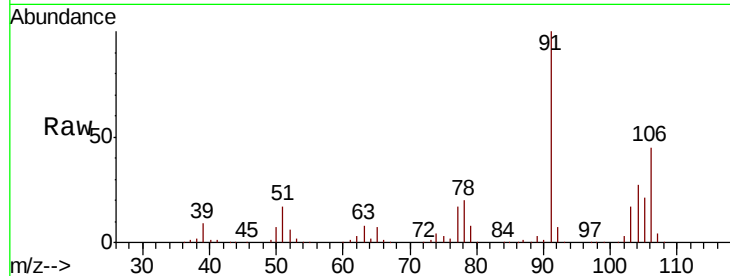




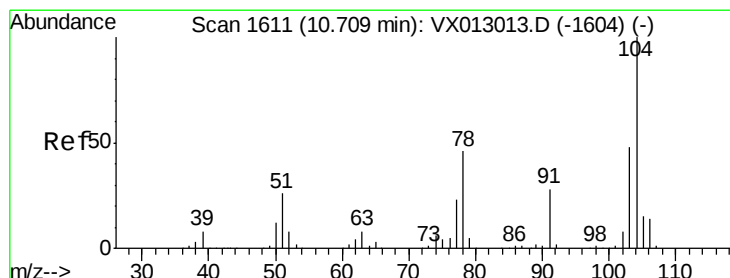
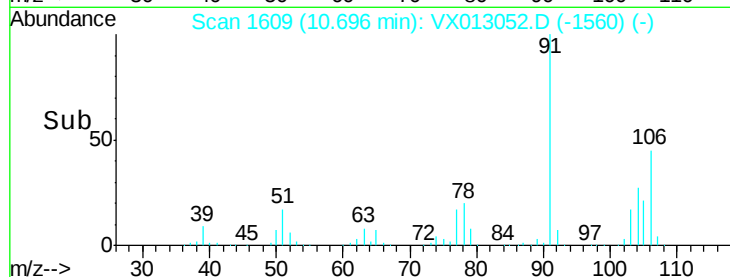
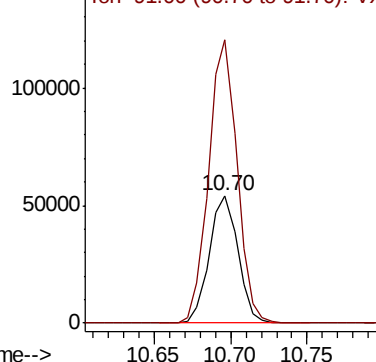
#69
o-Xylene
Concen: 20.277 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013052.D
Acq: 14 Oct 2019 15:19

Instrument :
MSVOA_X
ClientSampled :
VX1014WBSD01

Tot Ion:106 Resp: 70608
Ion Ratio Lower Upper
106 100
91 219.9 109.1 327.3

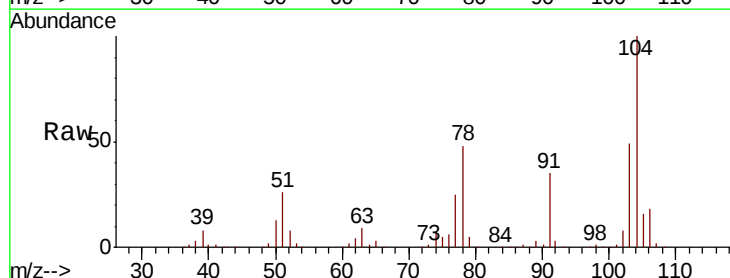


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

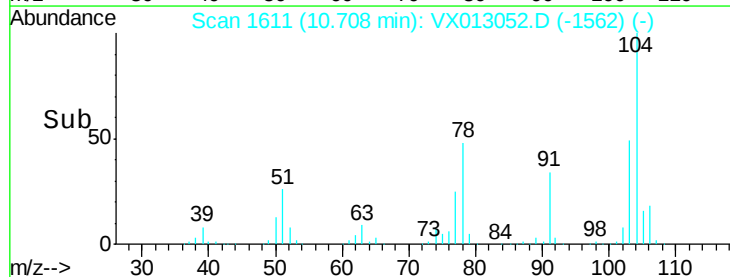
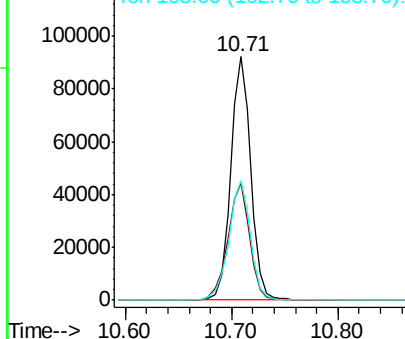


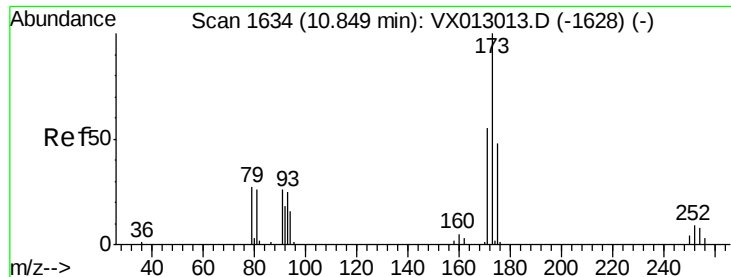
#70
Styrene
Concen: 20.480 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013052.D
Acq: 14 Oct 2019 15:19

Tgt Ion:104 Resp: 121236
Ion Ratio Lower Upper
104 100
78 52.3 41.2 61.8
103 53.0 43.0 64.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.812 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013052.D

Acq: 14 Oct 2019 15:19

Instrument :

MSVOA_X

ClientSampleId :

VX1014WBSD01

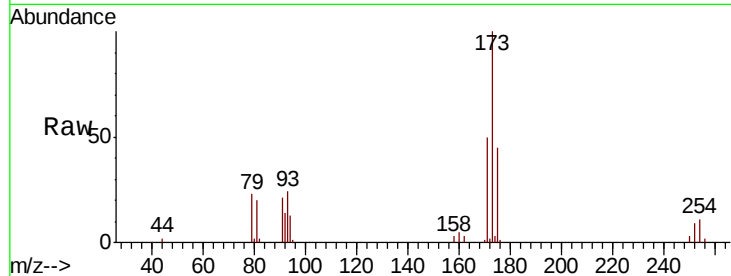
Tot Ion:173 Resp: 26587

Ion Ratio Lower Upper

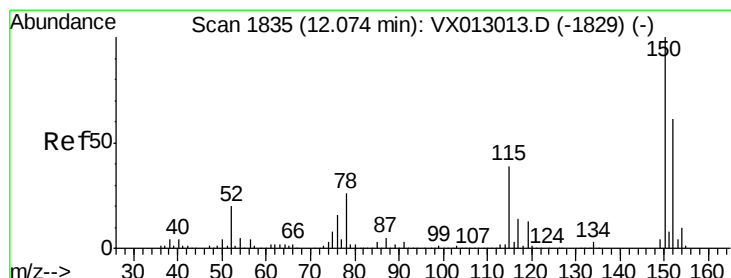
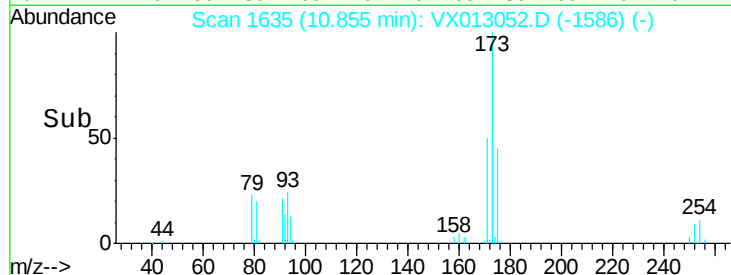
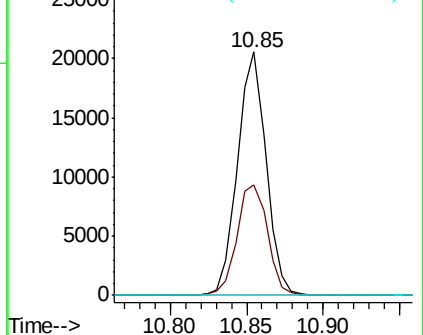
173 100

175 48.6 24.1 72.3

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013052.D

Acq: 14 Oct 2019 15:19

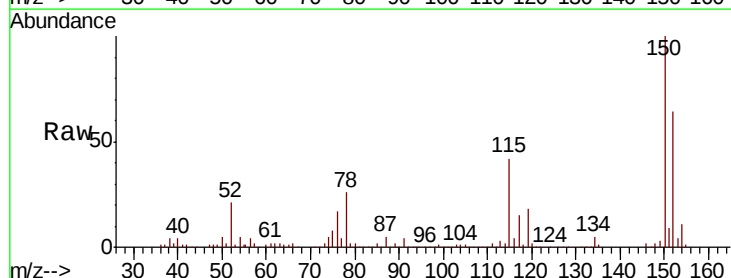
Tgt Ion:152 Resp: 124971

Ion Ratio Lower Upper

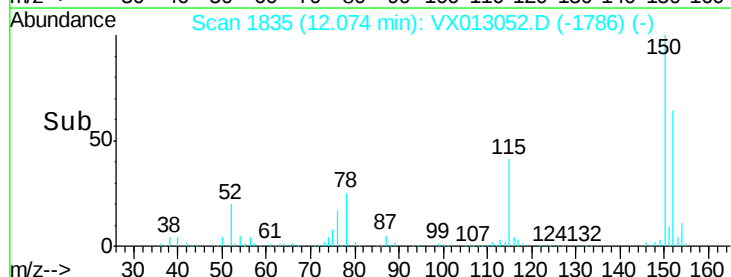
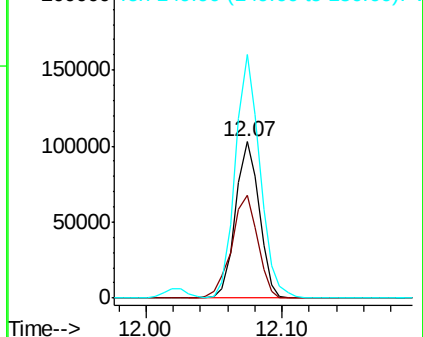
152 100

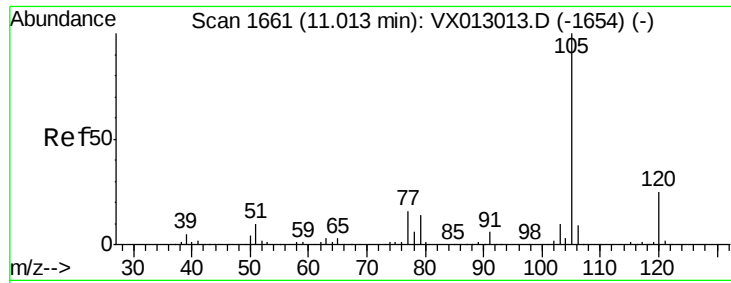
115 72.1 44.5 133.5

150 161.3 0.0 353.4



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: 20.498 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013052.D

Acq: 14 Oct 2019 15:19

Instrument :

MSVOA_X

ClientSampleId :

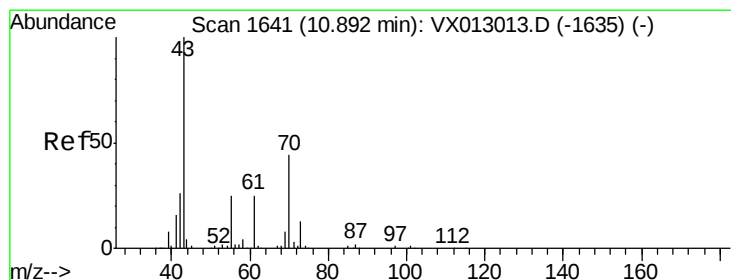
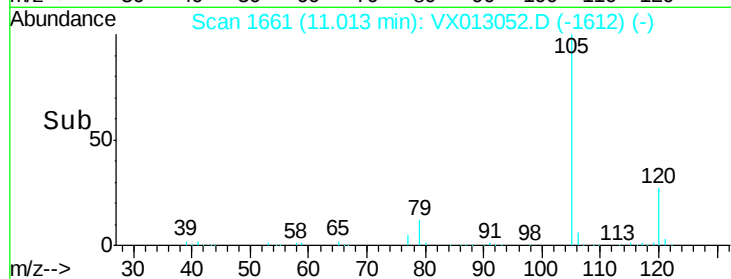
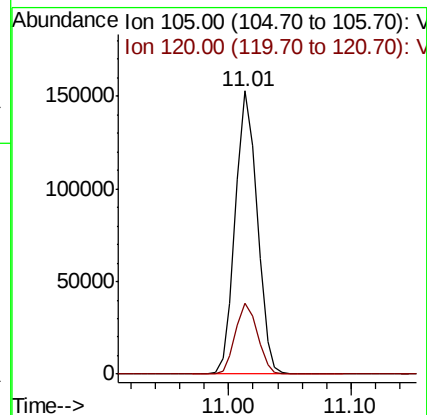
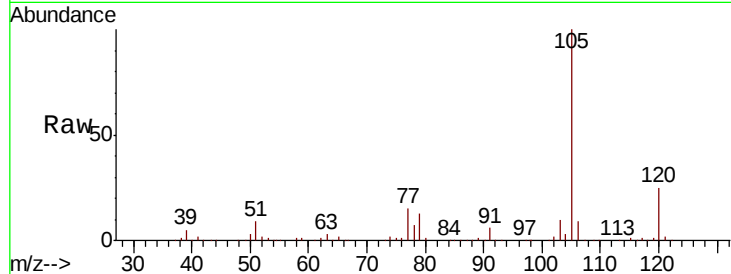
VX1014WBSD01

Tot Ion:105 Resp: 188337

Ion Ratio Lower Upper

105 100

120 25.6 13.0 39.0



#74

N-ethyl acetate

Concen: 19.917 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013052.D

Acq: 14 Oct 2019 15:19

Tgt Ion: 43 Resp: 78813

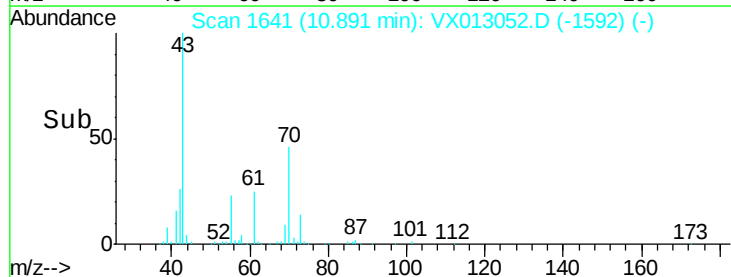
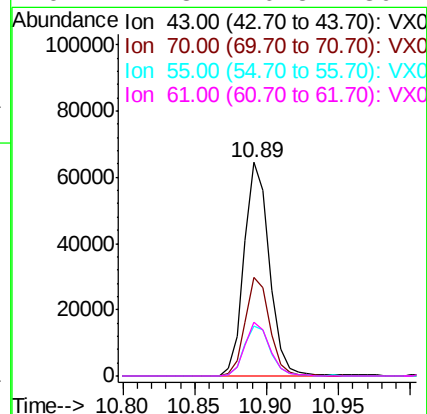
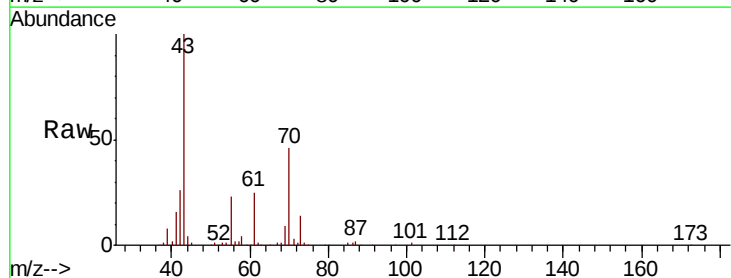
Ion Ratio Lower Upper

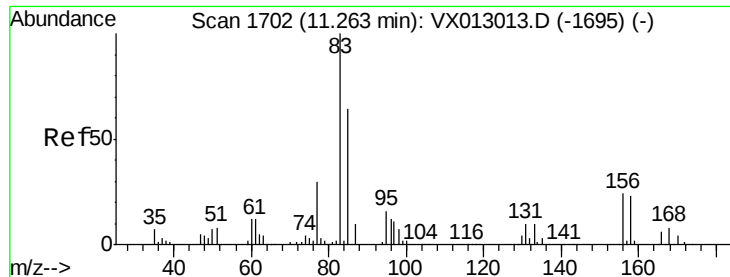
43 100

70 44.8 36.4 54.6

55 24.6 20.2 30.2

61 24.8 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.811 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013052.D

Acq: 14 Oct 2019 15:19

Instrument :

MSVOA_X

ClientSampleId :

VX1014WBSD01

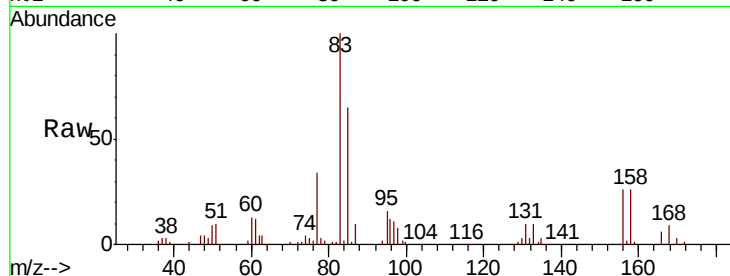
Tot Ion: 83 Resp: 63599

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

85 65.0 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VX013013.D (-1695) (-)

Ion 130.80 (130.50 to 131.50): VX013013.D (-1695) (-)

Ion 84.90 (84.60 to 85.60): VX013013.D (-1695) (-)

11.26

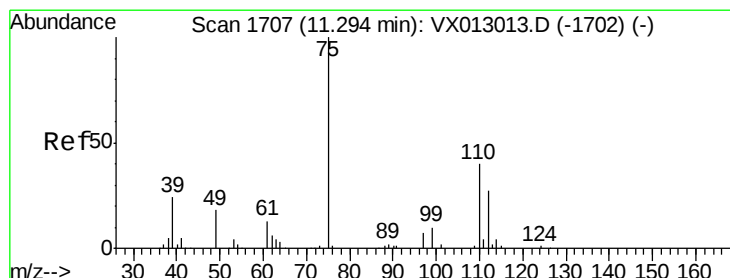
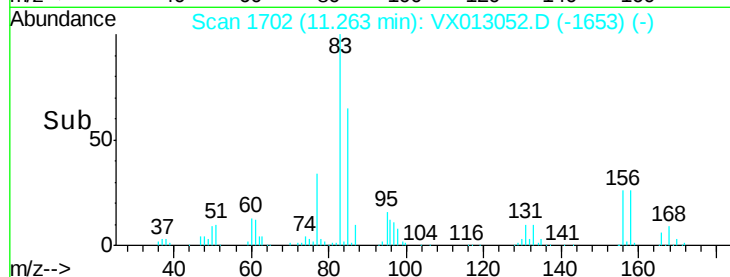
60000

40000

20000

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 26.262 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX013052.D

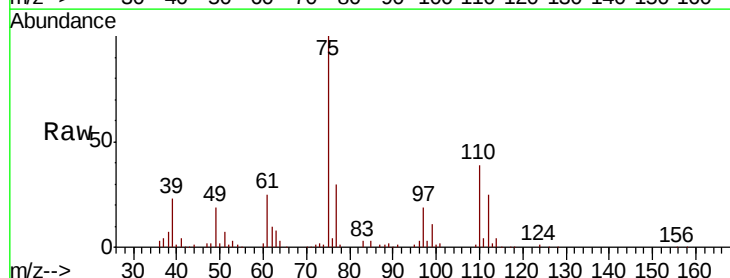
Acq: 14 Oct 2019 15:19

Tgt Ion: 75 Resp: 72794

Ion Ratio Lower Upper

75 100

77 31.0 22.9 68.8



Abundance Ion 74.90 (74.60 to 75.60): VX013013.D (-1702) (-)

Ion 77.00 (76.70 to 77.70): VX013013.D (-1702) (-)

11.29

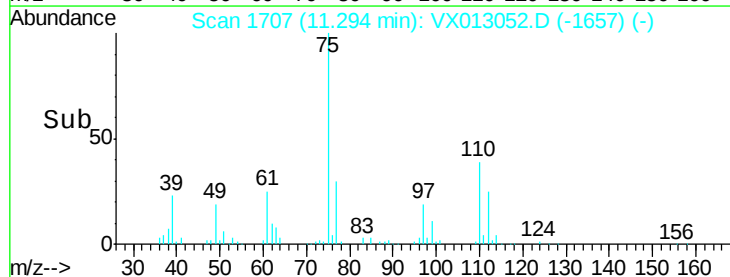
60000

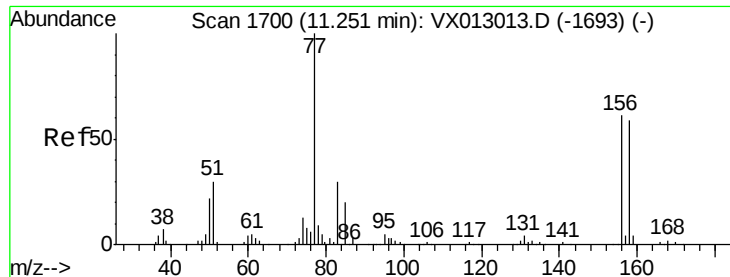
40000

20000

0

Time-->





#77

Bromobenzene

Concen: 20.452 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013052.D

Acq: 14 Oct 2019 15:19

Instrument :

MSVOA_X

ClientSampleId :

VX1014WBSD01

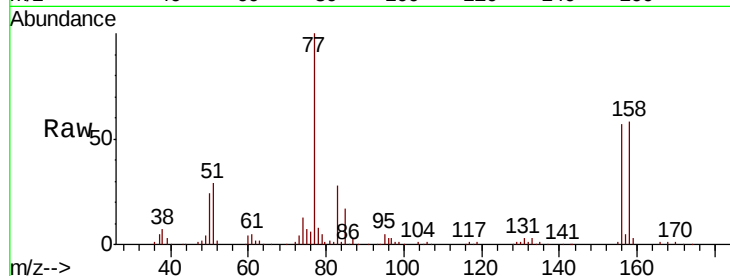
Tot Ion:156 Resp: 44282

Ion Ratio Lower Upper

156 100

77 170.3 83.7 251.0

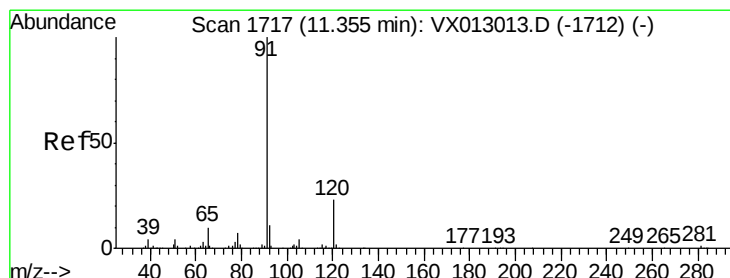
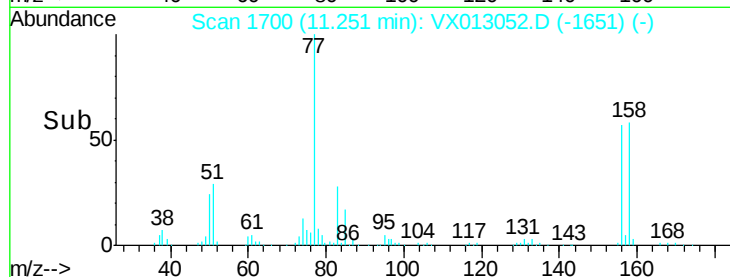
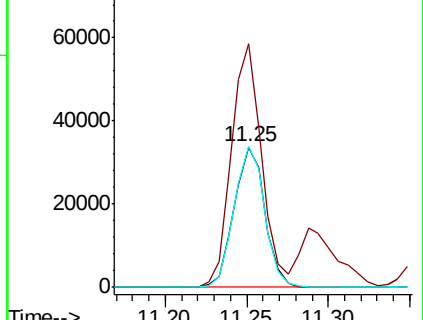
158 99.7 48.6 145.9



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: 20.339 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013052.D

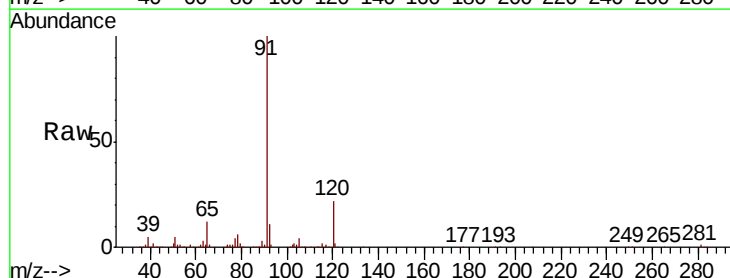
Acq: 14 Oct 2019 15:19

Tgt Ion: 91 Resp: 205631

Ion Ratio Lower Upper

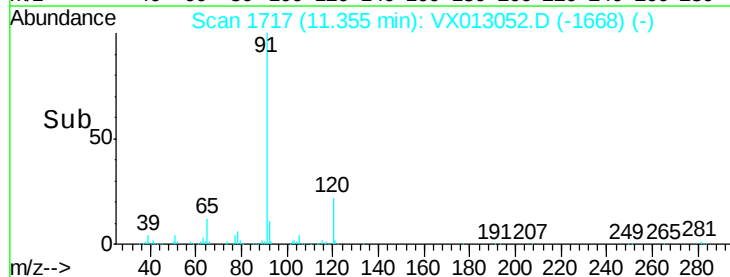
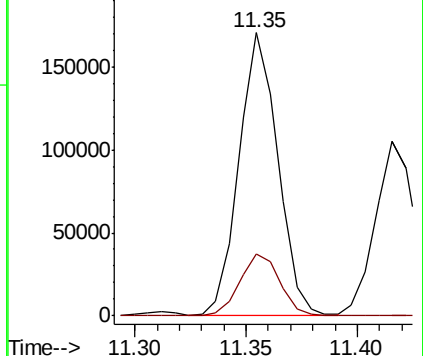
91 100

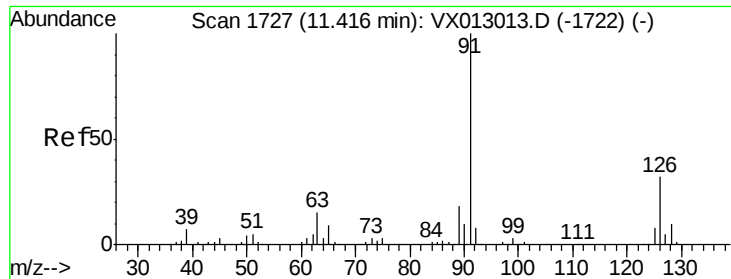
120 22.7 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

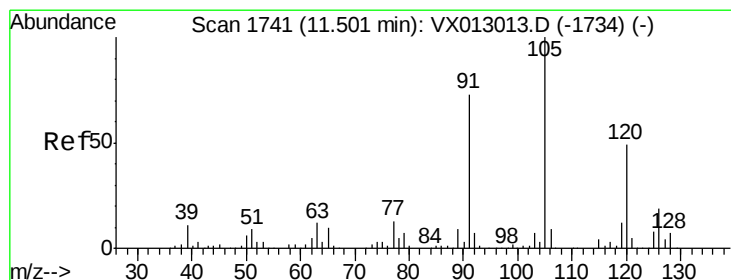
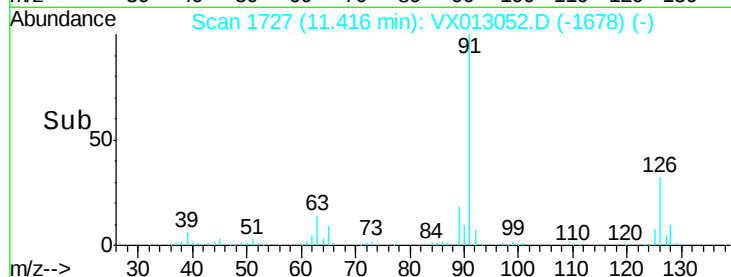
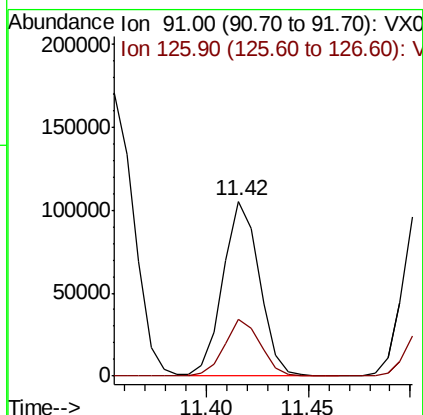
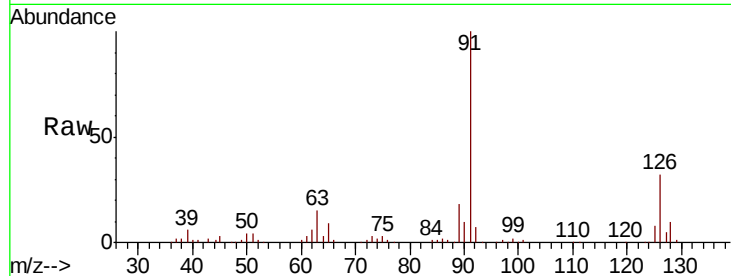




#79
 2-Chlorotoluene
 Concen: 20.353 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX013052.D
 Acq: 14 Oct 2019 15:19

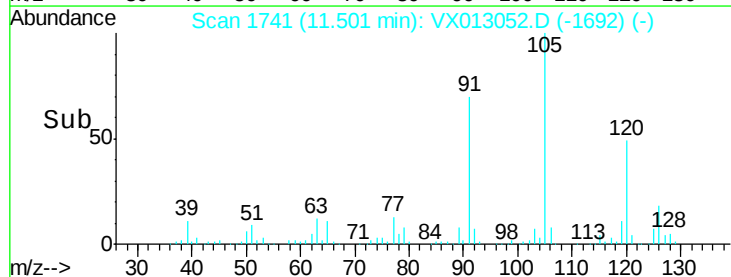
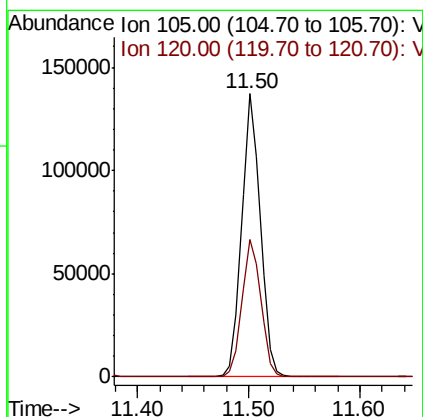
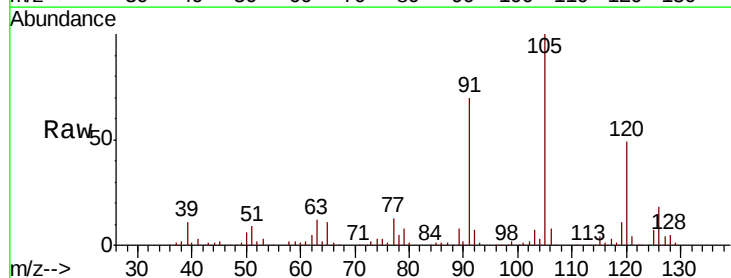
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014WBSD01

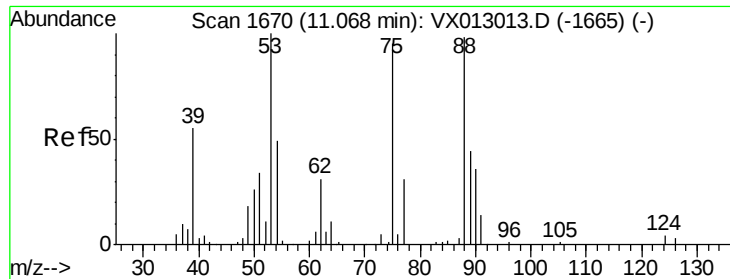
Tot Ion: 91 Resp: 129325
 Ion Ratio Lower Upper
 91 100
 126 32.2 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 20.777 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013052.D
 Acq: 14 Oct 2019 15:19

Tgt Ion: 105 Resp: 159403
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.8 74.3

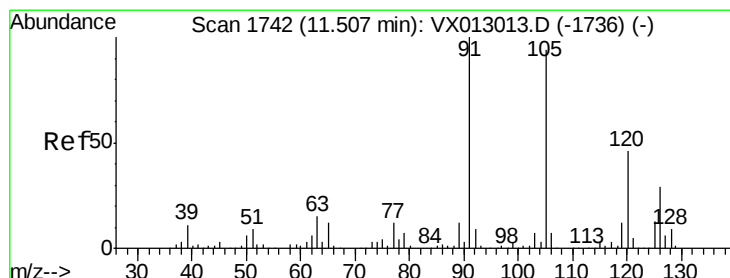
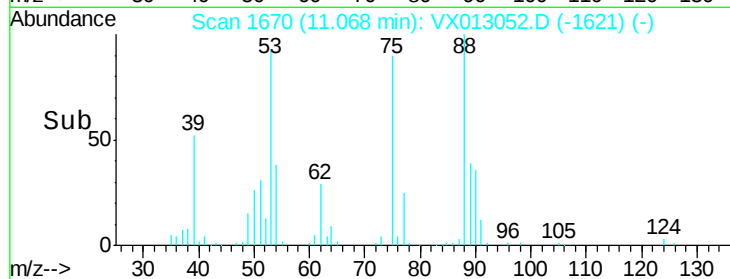
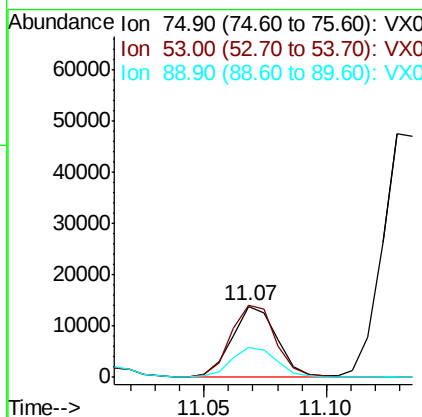
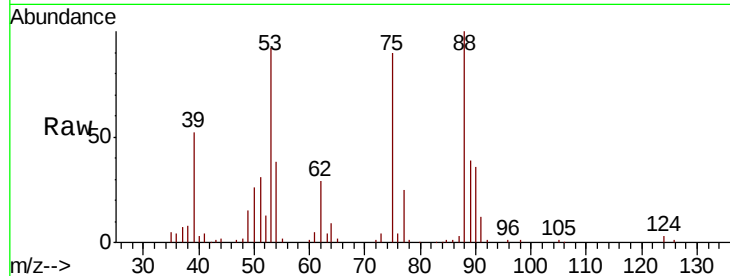




#81
trans-1,4-Dichloro-2-butene
Concen: 19.294 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013052.D
Acq: 14 Oct 2019 15:19

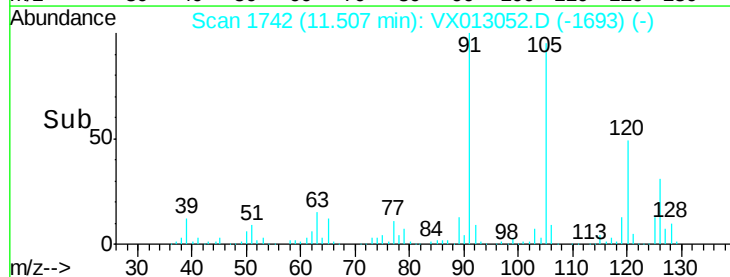
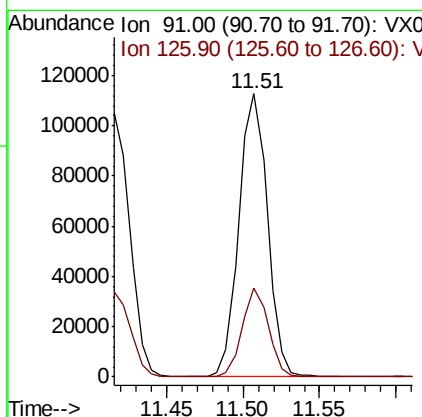
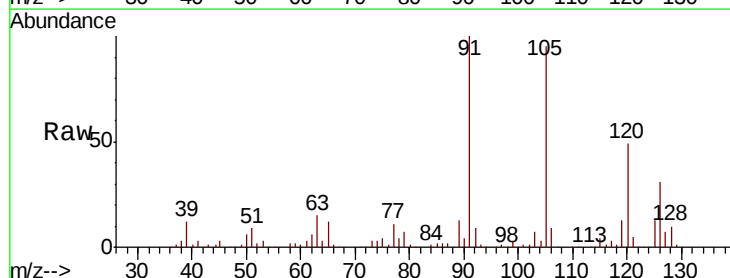
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBSD01

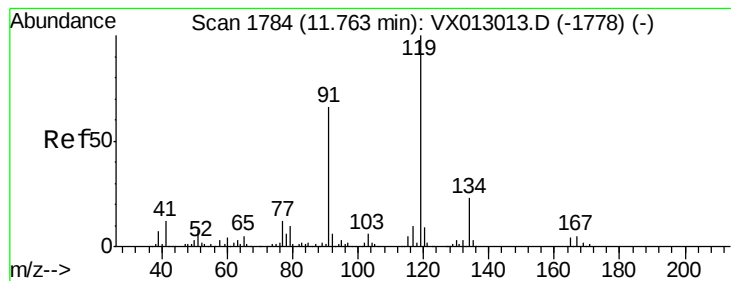
Tot Ion: 75 Resp: 17853
Ion Ratio Lower Upper
75 100
53 100.9 78.5 117.7
89 42.9 37.4 56.2



#82
4-Chlorotoluene
Concen: 20.000 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013052.D
Acq: 14 Oct 2019 15:19

Tgt Ion: 91 Resp: 145658
Ion Ratio Lower Upper
91 100
126 29.2 14.2 42.6





#83

tert-Butylbenzene

Concen: 20.422 ug/l

RT: 11.77 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VX013052.D

Acq: 14 Oct 2019 15:19

Instrument :

MSVOA_X

ClientSampled :

VX1014WBSD01

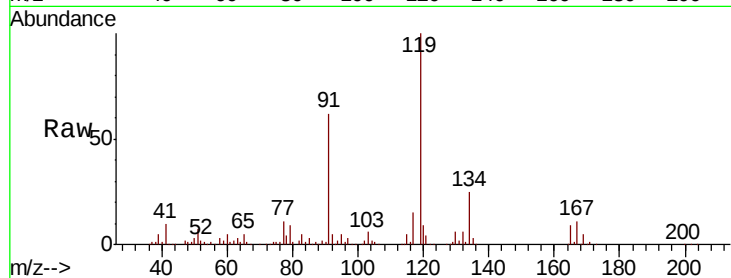
Tot Ion:119 Resp: 152837

Ion Ratio Lower Upper

119 100

91 62.5 29.3 87.9

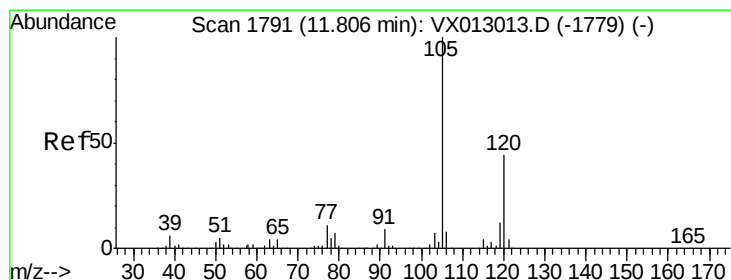
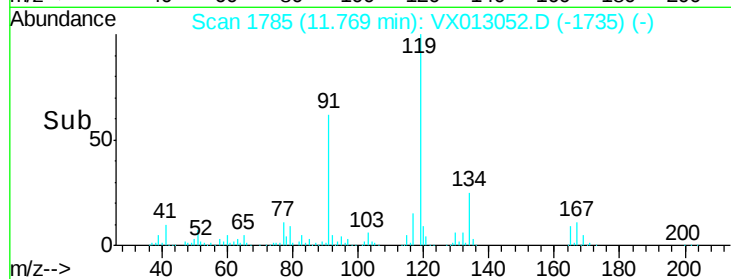
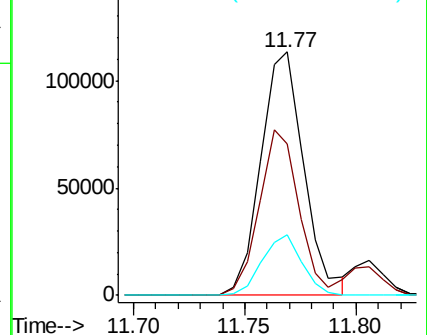
134 23.0 11.5 34.4



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: 20.938 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX013052.D

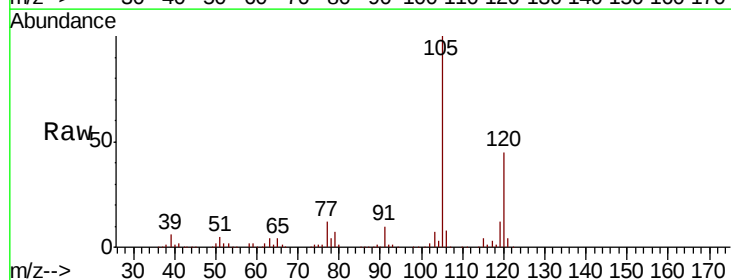
Acq: 14 Oct 2019 15:19

Tgt Ion:105 Resp: 162687

Ion Ratio Lower Upper

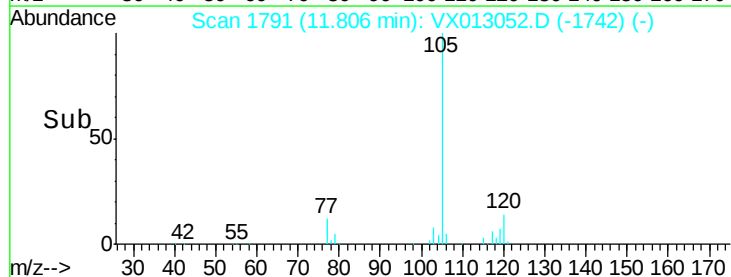
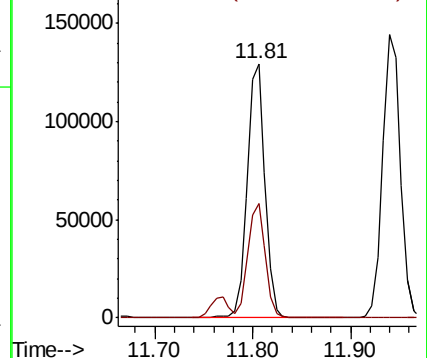
105 100

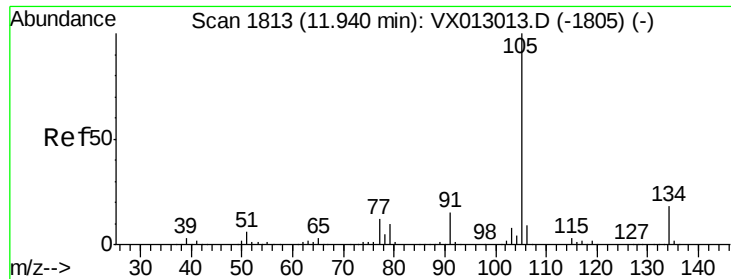
120 44.2 21.8 65.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.949 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013052.D

Acq: 14 Oct 2019 15:19

Instrument :

MSVOA_X

ClientSampleId :

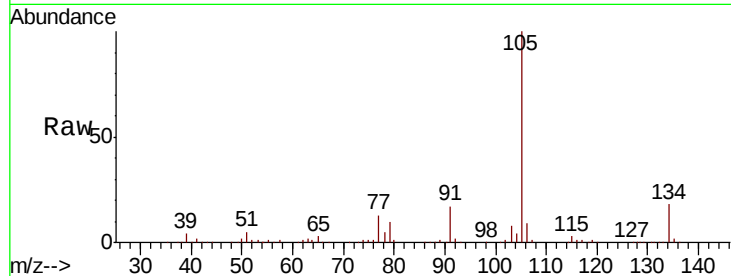
VX1014WBSD01

Tot Ion:105 Resp: 181637

Ion Ratio Lower Upper

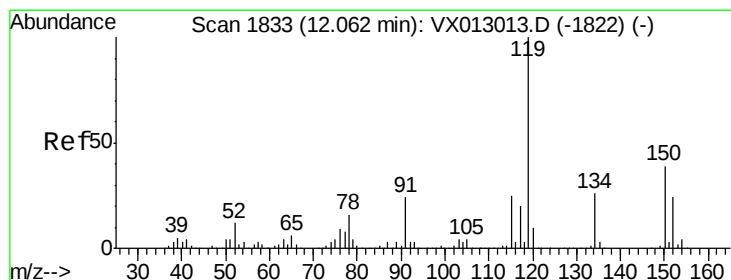
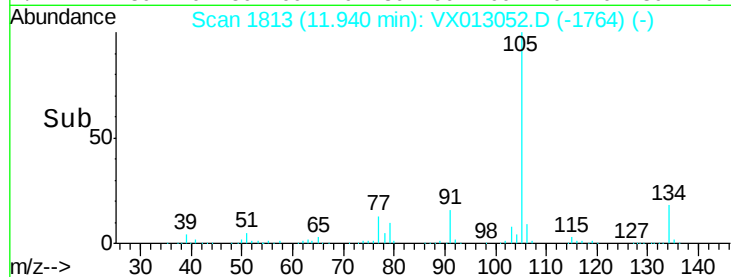
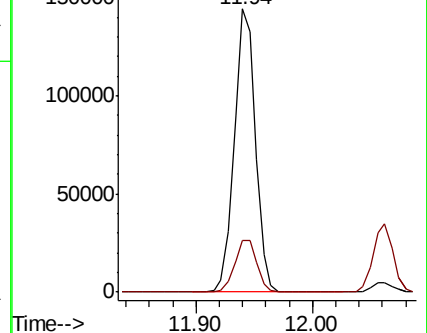
105 100

134 19.2 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.303 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013052.D

Acq: 14 Oct 2019 15:19

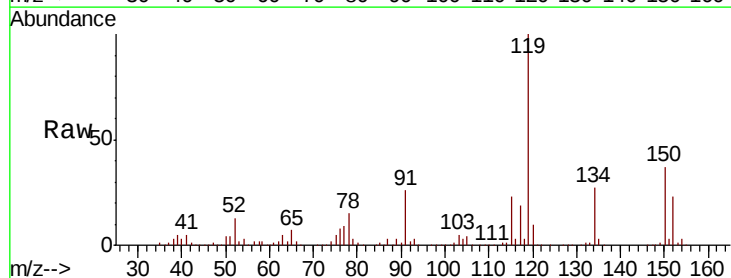
Tgt Ion:119 Resp: 163264

Ion Ratio Lower Upper

119 100

134 25.4 12.6 37.8

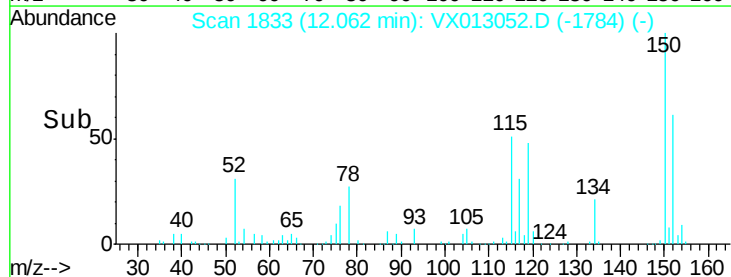
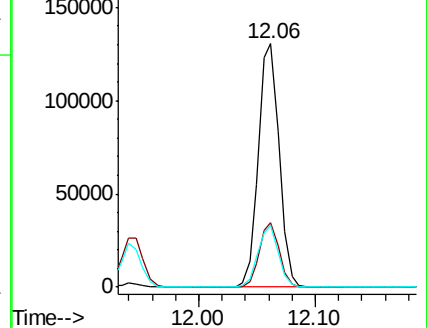
91 24.9 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

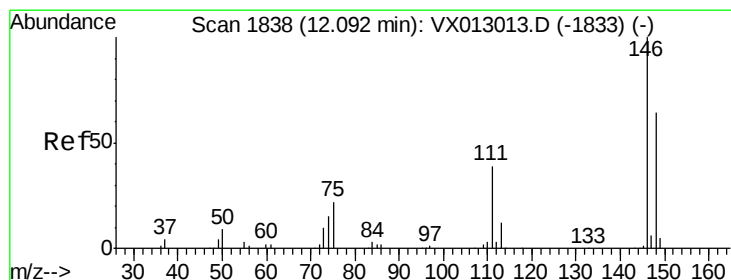
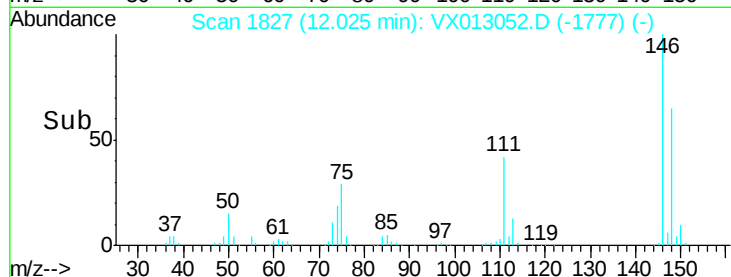
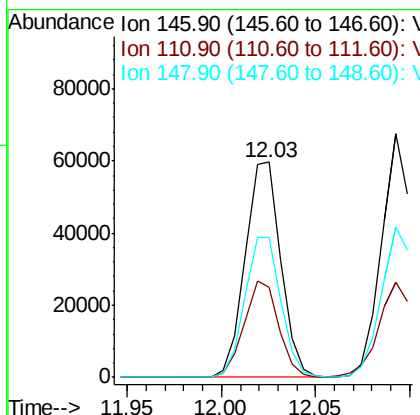
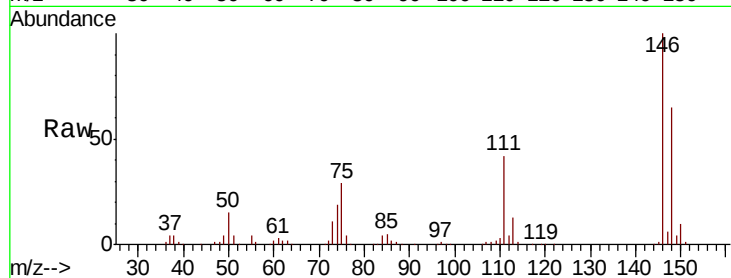




#87
 1,3-Dichlorobenzene
 Concen: 19.523 ug/l
 RT: 12.03 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: VX013052.D
 Acq: 14 Oct 2019 15:19

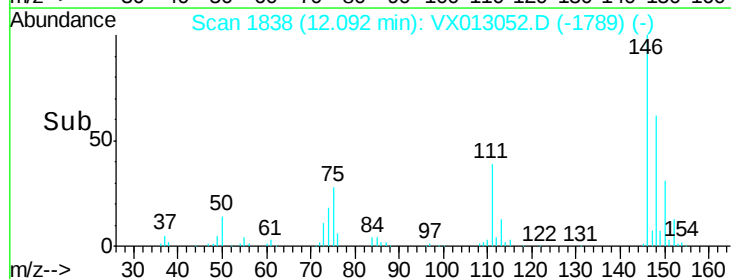
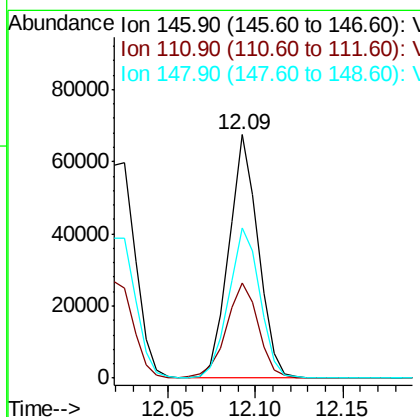
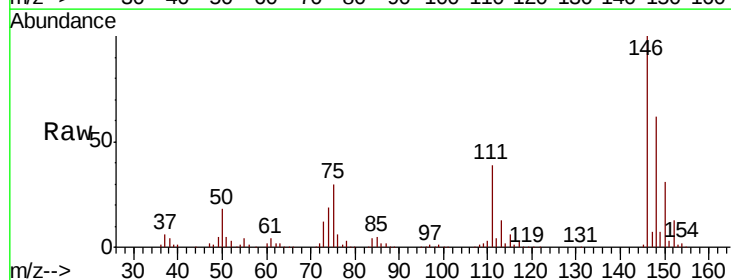
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014WBSD01

Tot Ion:146 Resp: 78498
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.1 63.4
 148 65.4 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 19.404 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013052.D
 Acq: 14 Oct 2019 15:19

Tgt Ion:146 Resp: 79013
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.4 64.3
 148 65.5 32.1 96.5

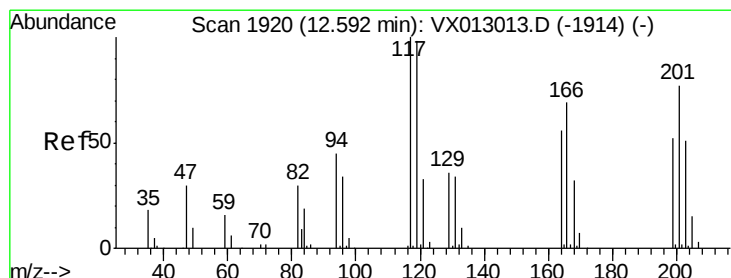
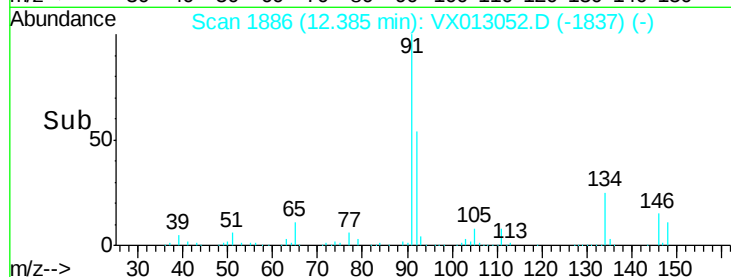
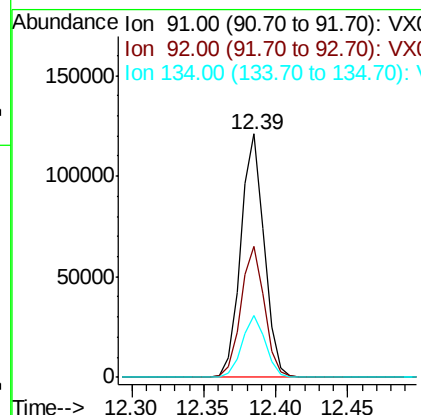
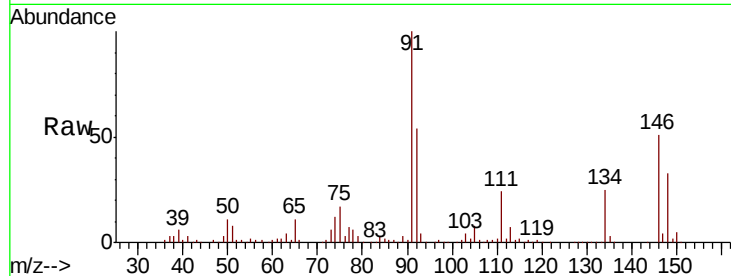




#89
n-Butylbenzene
Concen: 20.325 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013052.D
Acq: 14 Oct 2019 15:19

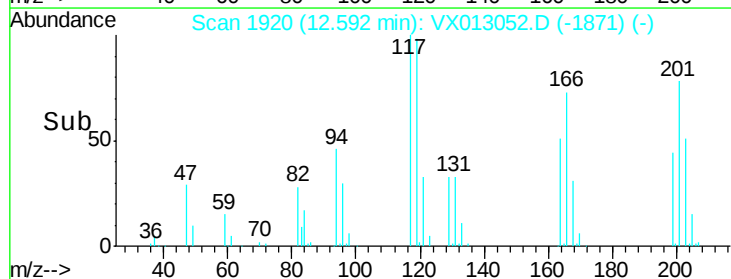
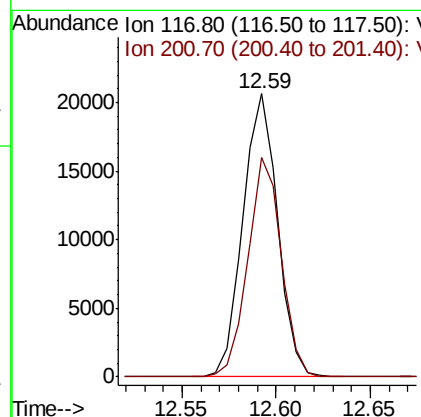
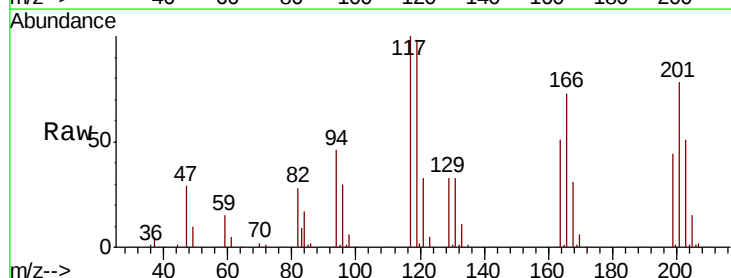
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBSD01

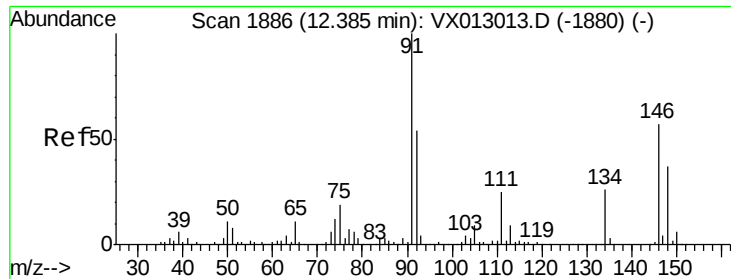
Tot Ion: 91 Resp: 137367
Ion Ratio Lower Upper
91 100
92 54.1 27.5 82.5
134 25.3 12.9 38.7



#90
Hexachloroethane
Concen: 19.037 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013052.D
Acq: 14 Oct 2019 15:19

Tgt Ion: 117 Resp: 26313
Ion Ratio Lower Upper
117 100
201 74.8 36.9 110.7

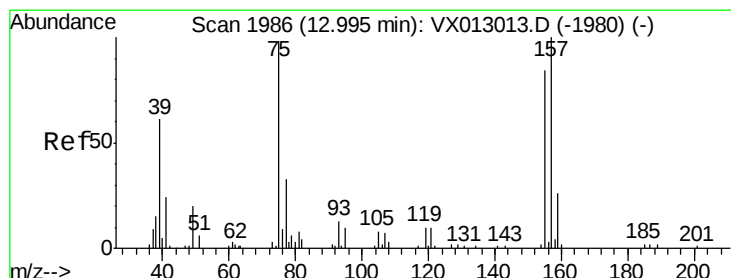
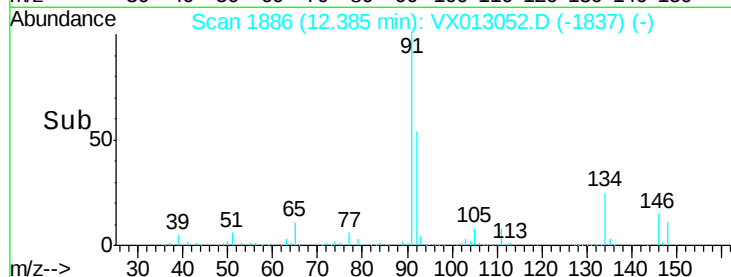
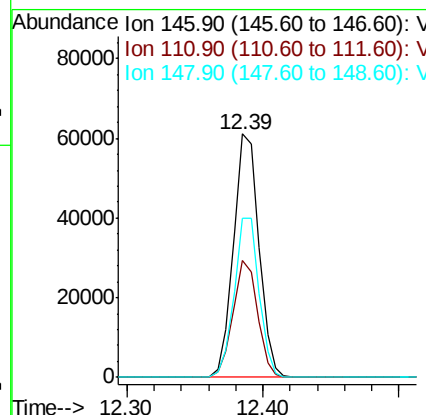
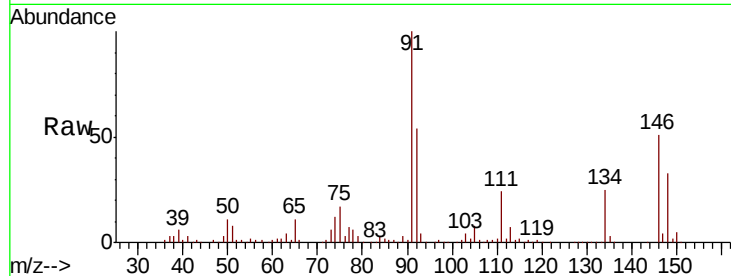




#91
 1,2-Dichlorobenzene
 Concen: 20.179 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013052.D
 Acq: 14 Oct 2019 15:19

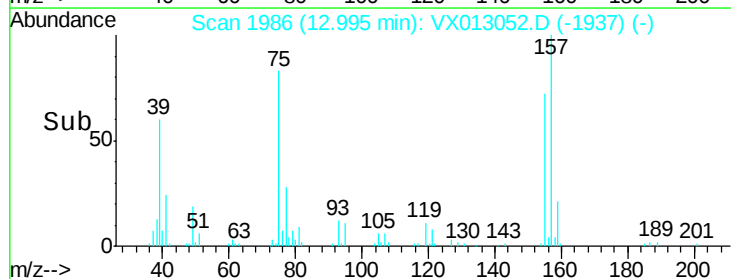
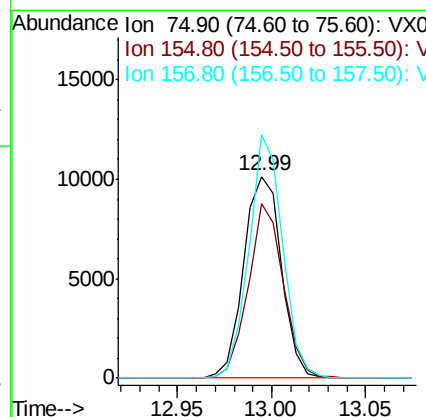
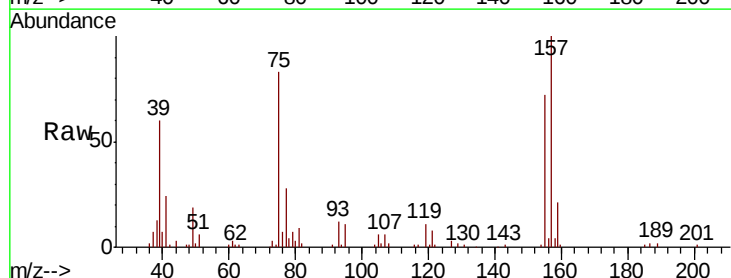
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014WBSD01

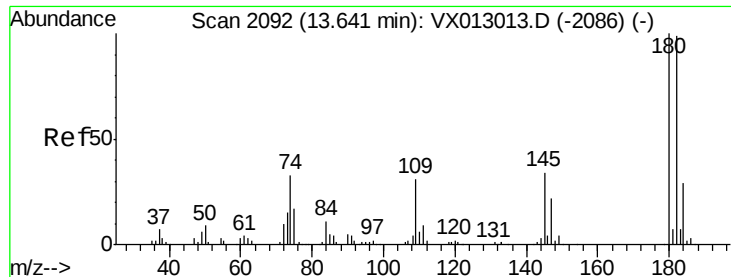
Tot Ion:146 Resp: 79542
 Ion Ratio Lower Upper
 146 100
 111 46.5 22.7 68.0
 148 64.0 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.539 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013052.D
 Acq: 14 Oct 2019 15:19

Tgt Ion: 75 Resp: 13995
 Ion Ratio Lower Upper
 75 100
 155 80.9 43.0 128.8
 157 108.5 54.1 162.3

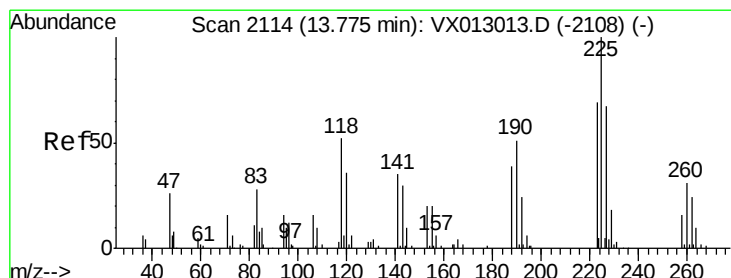
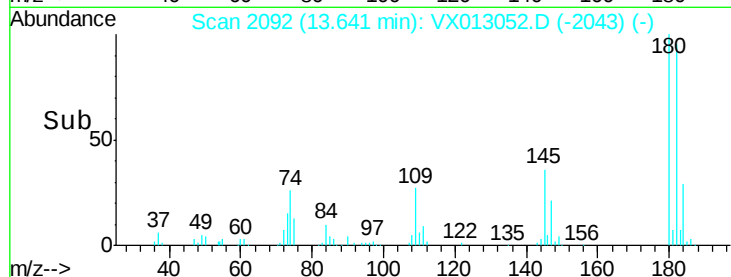
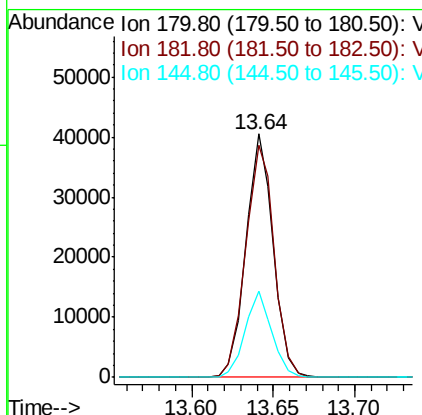
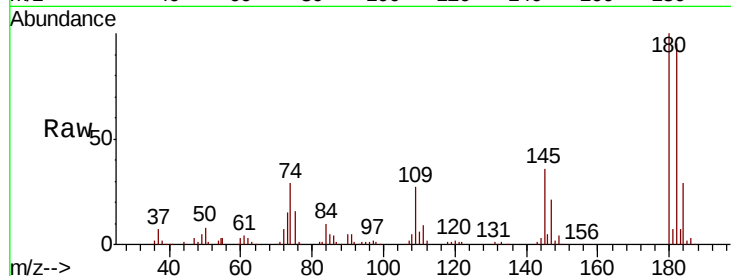




#93
1,2,4-Trichlorobenzene
Concen: 19.101 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX013052.D
Acq: 14 Oct 2019 15:19

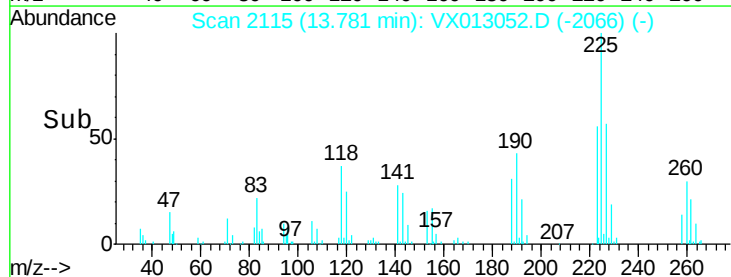
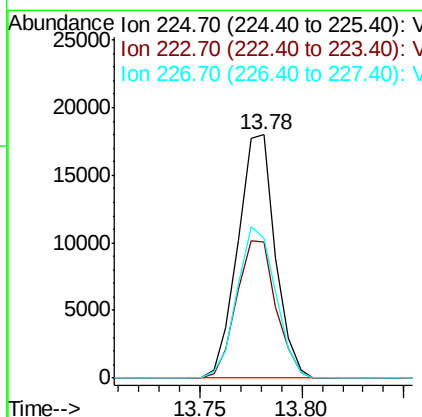
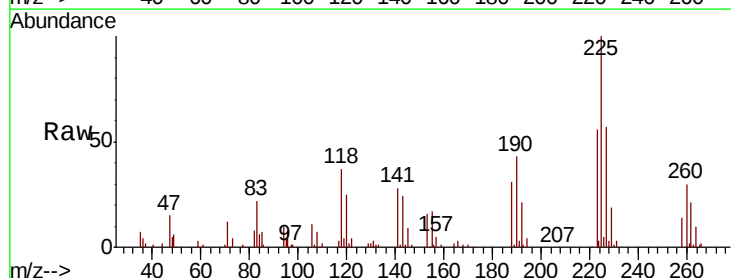
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBSD01

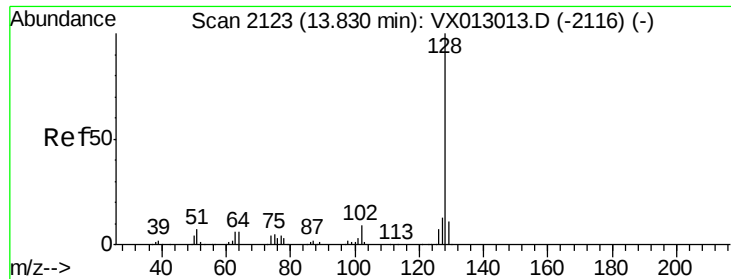
Tot Ion:180 Resp: 47165
Ion Ratio Lower Upper
180 100
182 99.7 46.8 140.4
145 34.6 16.2 48.6



#94
Hexachlorobutadiene
Concen: 20.083 ug/l
RT: 13.78 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VX013052.D
Acq: 14 Oct 2019 15:19

Tgt Ion:225 Resp: 22885
Ion Ratio Lower Upper
225 100
223 59.4 31.1 93.2
227 63.8 32.3 96.9

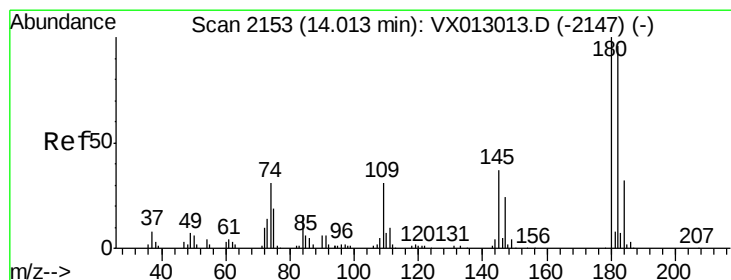
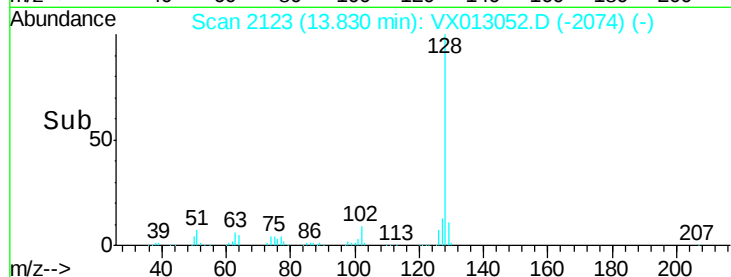
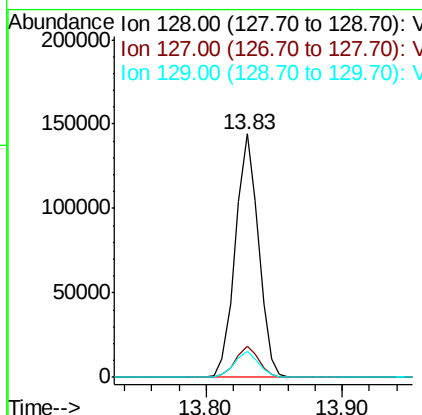
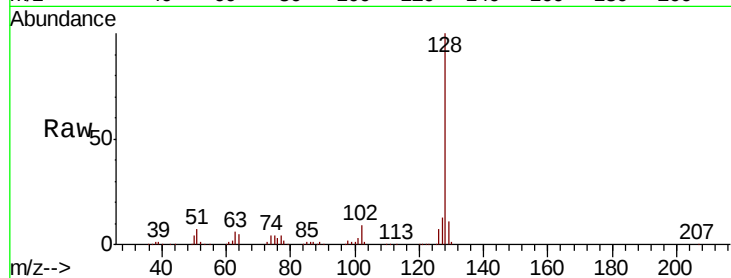




#95
Naphthalene
Concen: 20.003 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013052.D
Acq: 14 Oct 2019 15:19

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBSD01

Tot Ion:128 Resp: 171217
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.001 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX013052.D
Acq: 14 Oct 2019 15:19

Tgt Ion:180 Resp: 51036
Ion Ratio Lower Upper
180 100
182 90.7 47.5 142.5
145 34.0 17.4 52.3

