

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121619\
 Data File : VX014026.D
 Acq On : 16 Dec 2019 11:44
 Operator : JC/SP
 Sample : VX1216WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBSD01

Quant Time: Dec 17 03:26:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	562535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	853779	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	772335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	380675	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	310445	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
35) Dibromofluoromethane	5.48	113	246203	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
50) Toluene-d8	8.71	98	951476	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	
62) 4-Bromofluorobenzene	11.13	95	334694	45.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	91753	18.232	ug/l	97
3) Chloromethane	1.32	50	124665	18.458	ug/l	99
4) Vinyl Chloride	1.40	62	128912	18.089	ug/l	99
5) Bromomethane	1.63	94	85504	16.905	ug/l	100
6) Chloroethane	1.71	64	81834	18.605	ug/l	95
7) Trichlorofluoromethane	1.92	101	161338	18.288	ug/l	99
8) Diethyl Ether	2.18	74	77003	18.598	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	98705	18.561	ug/l	99
10) Methyl Iodide	2.50	142	123283	19.279	ug/l	100
11) Tert butyl alcohol	3.03	59	124306	90.233	ug/l	98
12) 1,1-Dichloroethene	2.36	96	99449	18.378	ug/l	100
13) Acrolein	2.28	56	98653	125.101	ug/l	97
14) Allyl chloride	2.72	41	177726	18.395	ug/l	99
15) Acrylonitrile	3.13	53	303190	94.292	ug/l	98
16) Acetone	2.43	43	369147	89.185	ug/l	99
17) Carbon Disulfide	2.56	76	267040	18.260	ug/l	99
18) Methyl Acetate	2.76	43	153866	18.760	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	339493	19.093	ug/l	100
20) Methylene Chloride	2.84	84	117194	17.980	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	105633	17.719	ug/l	98
22) Diisopropyl ether	3.84	45	369627	19.198	ug/l	95
23) Vinyl Acetate	3.80	43	1564001	99.544	ug/l	100
24) 1,1-Dichloroethane	3.69	63	193568	18.071	ug/l	100
25) 2-Butanone	4.65	43	467407	91.594	ug/l	99
26) 2,2-Dichloropropane	4.57	77	154041	18.522	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	126036	18.694	ug/l	98
28) Bromochloromethane	5.00	49	78910	19.435	ug/l	99
29) Tetrahydrofuran	5.11	42	274569	96.196	ug/l	99
30) Chloroform	5.20	83	187563	18.471	ug/l	99
31) Cyclohexane	5.57	56	179105	18.800	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	158811	18.350	ug/l	99
36) 1,1-Dichloropropene	5.79	75	142976	18.251	ug/l	100
37) Ethyl Acetate	4.81	43	165842	19.171	ug/l	99
38) Carbon Tetrachloride	5.77	117	133441	18.698	ug/l	98

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 Data File : VX014026.D
 Acq On : 16 Dec 2019 11:44
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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX1216WBSD01

Quant Time: Dec 17 03:26:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	180022	18.611	ug/l	97
40) Benzene	6.13	78	441776	18.328	ug/l	98
41) Methacrylonitrile	5.02	41	93263	19.430	ug/l	97
42) 1,2-Dichloroethane	6.18	62	155567	19.040	ug/l	97
43) Isopropyl Acetate	6.43	43	273256	19.087	ug/l	99
44) Trichloroethene	7.20	130	117057	17.582	ug/l	96
45) 1,2-Dichloropropane	7.50	63	115998	18.776	ug/l	92
46) Dibromomethane	7.65	93	75917	18.586	ug/l	99
47) Bromodichloromethane	7.89	83	145737	18.945	ug/l	95
48) Methyl methacrylate	7.76	41	135957	19.393	ug/l	98
49) 1,4-Dioxane	7.73	88	54223	380.071	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	853751	94.955	ug/l	99
52) Toluene	8.78	92	278108	18.254	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	158791	18.825	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	181955	19.362	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	114381	18.732	ug/l	98
56) Ethyl methacrylate	9.17	69	181208	18.892	ug/l	99
57) 1,3-Dichloropropane	9.36	76	196366	19.114	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	365633	100.729	ug/l	99
59) 2-Hexanone	9.48	43	673714	93.081	ug/l	99
60) Dibromochloromethane	9.57	129	116230	19.150	ug/l	99
61) 1,2-Dibromoethane	9.67	107	117618	18.826	ug/l	98
64) Tetrachloroethene	9.33	164	118133	17.286	ug/l	98
65) Chlorobenzene	10.13	112	295934	18.021	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	110794	18.896	ug/l	97
67) Ethyl Benzene	10.25	91	521687	18.478	ug/l	100
68) m/p-Xylenes	10.35	106	401772	37.000	ug/l	100
69) o-Xylene	10.70	106	193492	18.169	ug/l	99
70) Styrene	10.71	104	325520	18.076	ug/l	99
71) Bromoform	10.85	173	86099	18.267	ug/l #	97
73) Isopropylbenzene	11.01	105	509333	19.003	ug/l	100
74) N-amyl acetate	10.89	43	236944	18.860	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	176047	18.946	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	197852	23.940	ug/l	88
77) Bromobenzene	11.25	156	132174	17.924	ug/l	99
78) n-propylbenzene	11.35	91	575697	19.149	ug/l	100
79) 2-Chlorotoluene	11.42	91	340152	18.613	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	426409	18.904	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	55042	18.798	ug/l	95
82) 4-Chlorotoluene	11.51	91	392040	18.494	ug/l	99
83) tert-Butylbenzene	11.76	119	419603	19.115	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	432113	19.129	ug/l	99
85) sec-Butylbenzene	11.94	105	492513	19.005	ug/l	100
86) p-Isopropyltoluene	12.06	119	450764	19.016	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	231364	17.901	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	232969	17.728	ug/l	99
89) n-Butylbenzene	12.39	91	378338	18.705	ug/l	100
90) Hexachloroethane	12.59	117	78717	18.488	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	234209	18.002	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	37409	18.192	ug/l	95

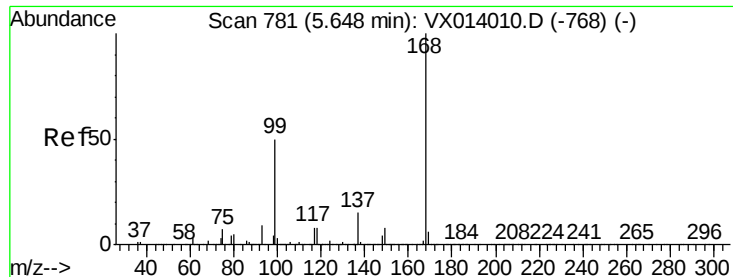
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121619\
Data File : VX014026.D
Acq On : 16 Dec 2019 11:44
Operator : JC/SP
Sample : VX1216WBSD01
Misc : 5.0mL/MSVOA X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Quant Time: Dec 17 03:26:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	152782	18.067	ug/l	100
94) Hexachlorobutadiene	13.78	225	74640	18.366	ug/l	97
95) Naphthalene	13.83	128	458435	18.452	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	150935	18.081	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

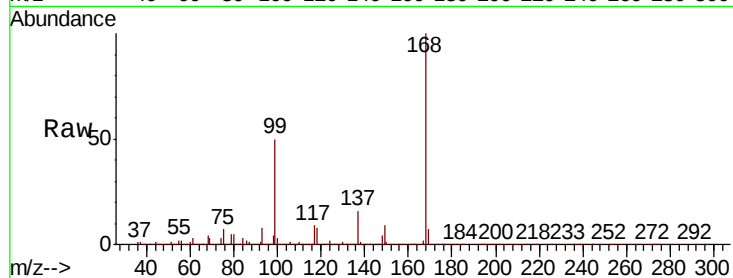
VX1216WBSD01

Tot Ion:168 Resp: 562535

Ion Ratio Lower Upper

168 100

99 50.4 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

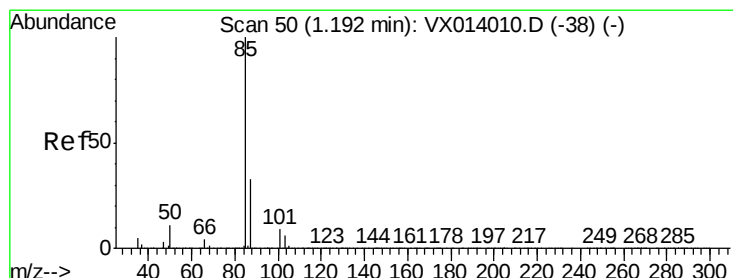
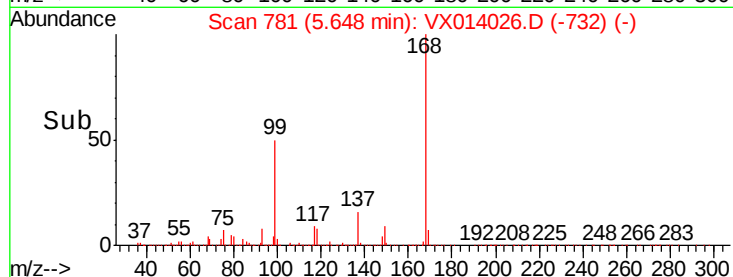
100000

50000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.232 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014026.D

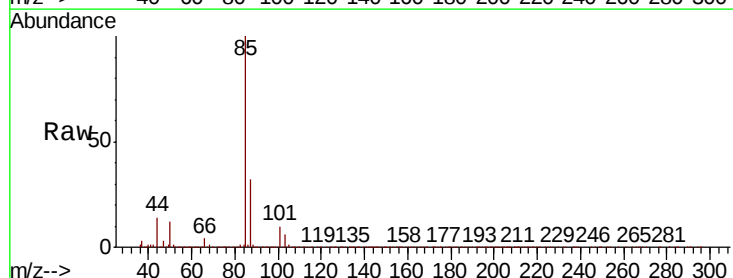
Acq: 16 Dec 2019 11:44

Tgt Ion: 85 Resp: 91753

Ion Ratio Lower Upper

85 100

87 31.3 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

80000

60000

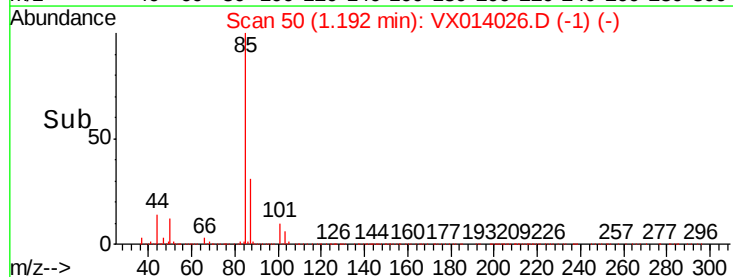
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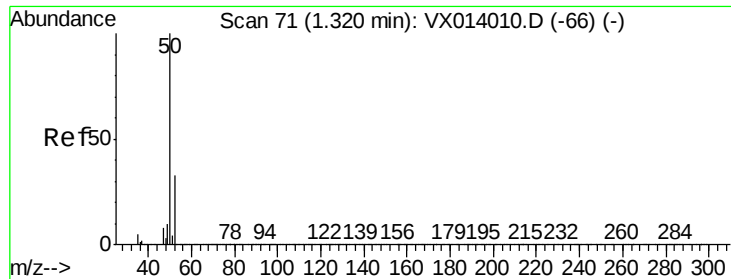
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 18.458 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

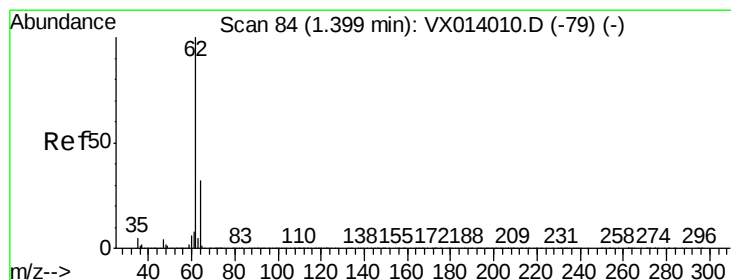
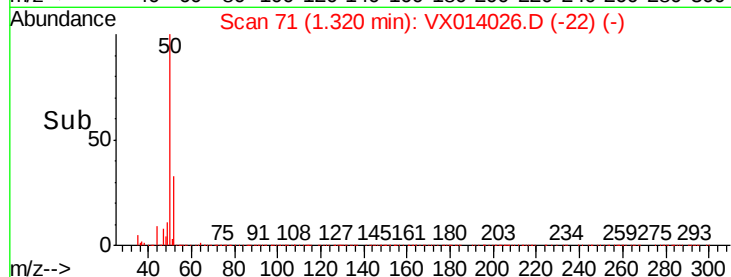
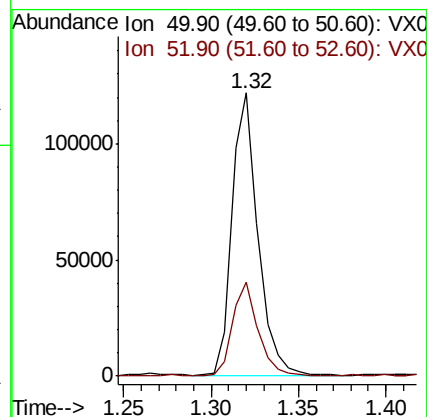
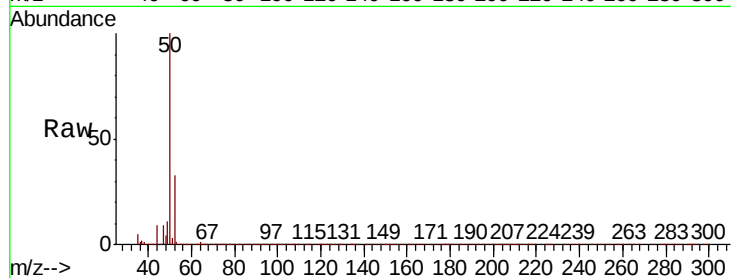
VX1216WBSD01

Tot Ion: 50 Resp: 124665

Ion Ratio Lower Upper

50 100

52 33.3 26.2 39.4



#4

Vinyl Chloride

Concen: 18.089 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014026.D

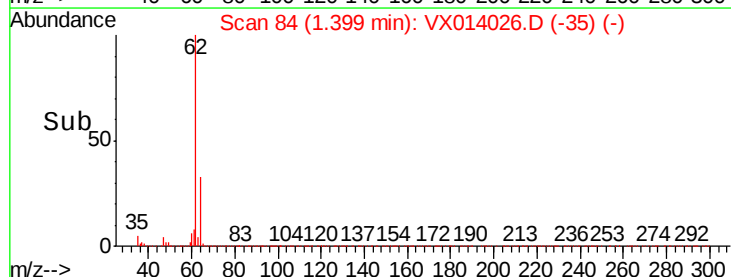
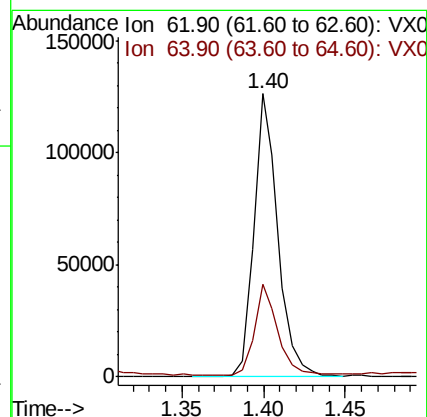
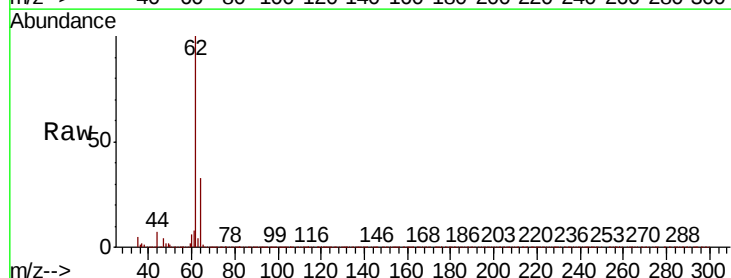
Acq: 16 Dec 2019 11:44

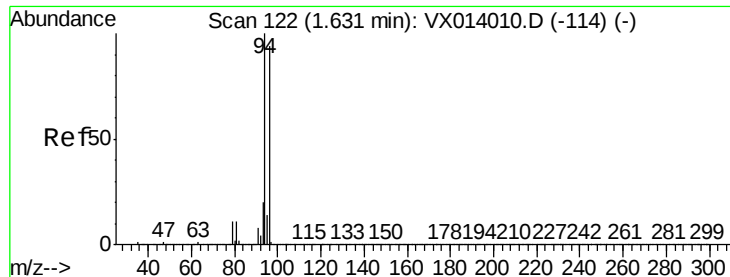
Tgt Ion: 62 Resp: 128912

Ion Ratio Lower Upper

62 100

64 32.5 25.7 38.5





#5

Bromomethane

Concen: 16.905 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

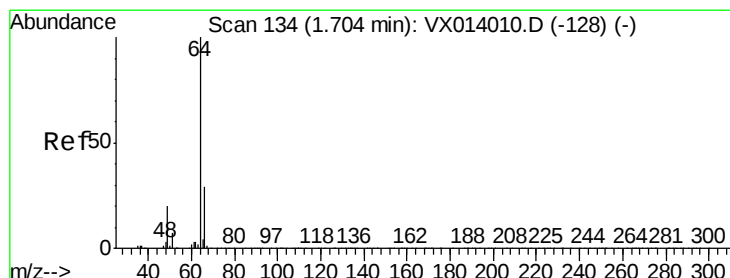
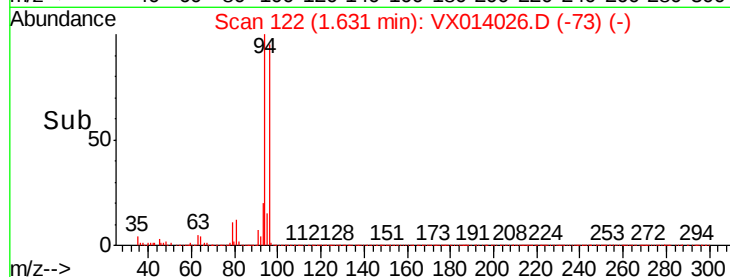
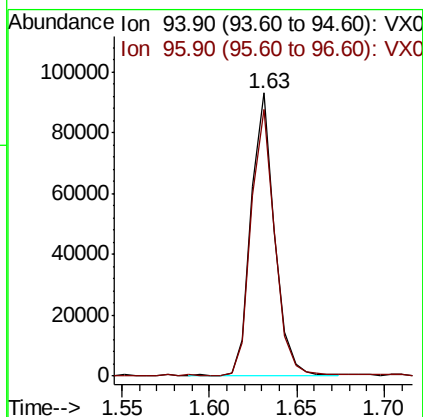
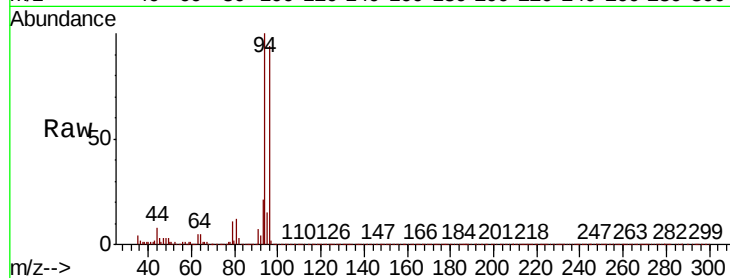
VX1216WBSD01

Tot Ion: 94 Resp: 85504

Ion Ratio Lower Upper

94 100

96 94.3 75.2 112.8



#6

Chloroethane

Concen: 18.605 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX014026.D

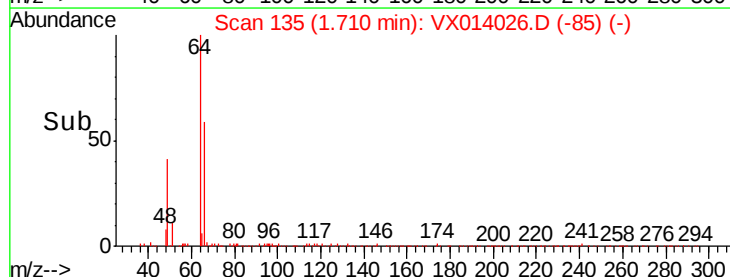
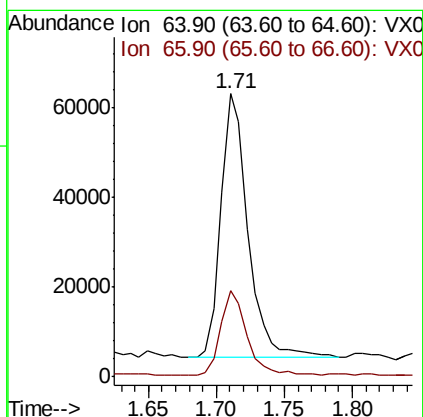
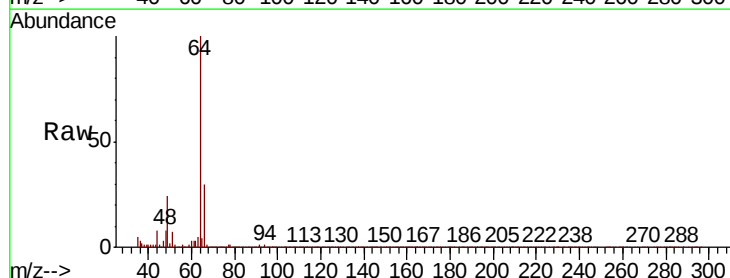
Acq: 16 Dec 2019 11:44

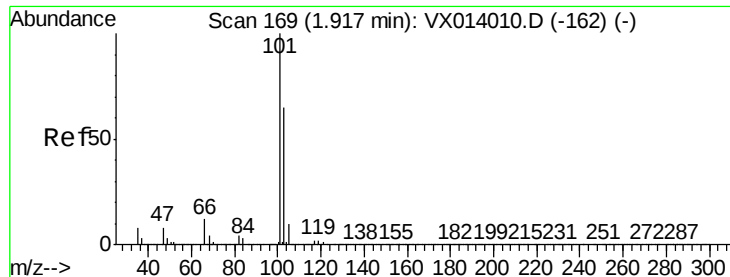
Tgt Ion: 64 Resp: 81834

Ion Ratio Lower Upper

64 100

66 31.9 23.4 35.2



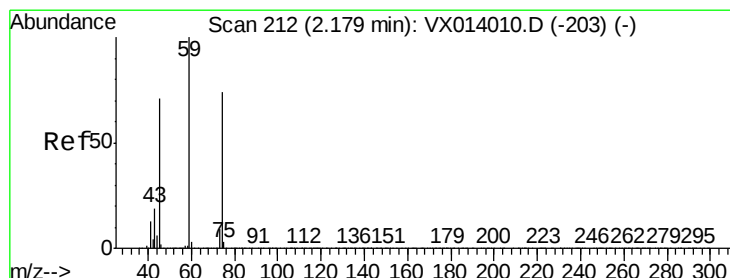
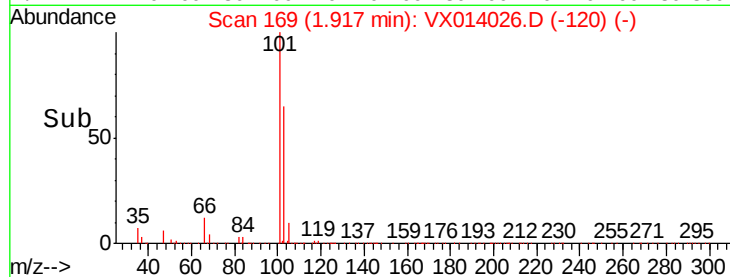
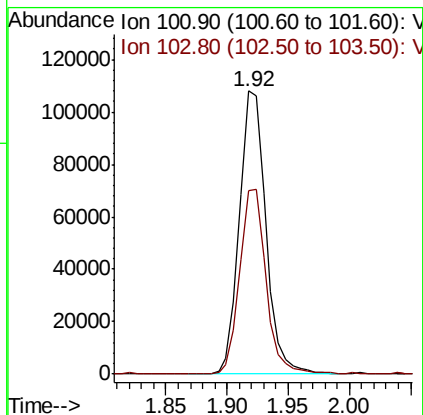
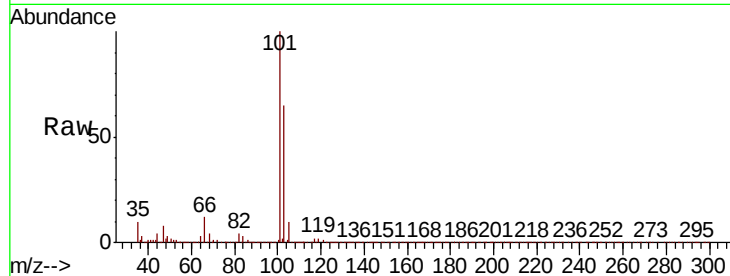


#7

Trichlorofluoromethane
 Concen: 18.288 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX014026.D
 Acq: 16 Dec 2019 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBSD01

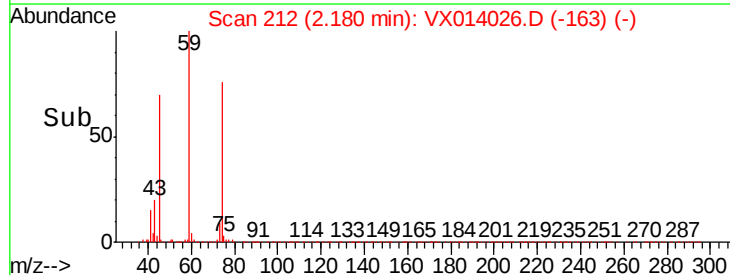
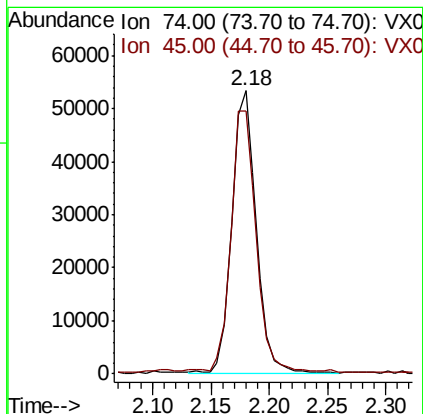
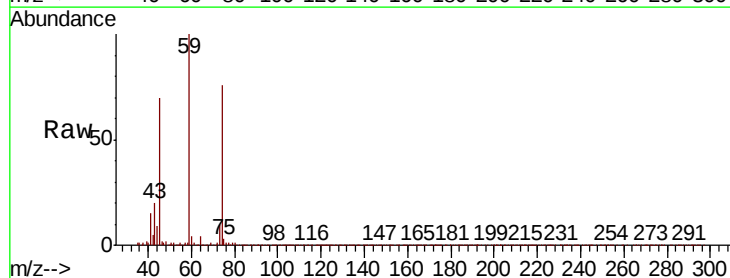
Tot Ion:101 Resp: 161338
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.2 78.4

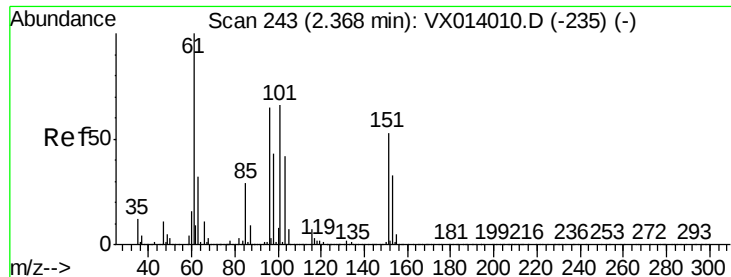


#8

Diethyl Ether
 Concen: 18.598 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX014026.D
 Acq: 16 Dec 2019 11:44

Tgt Ion: 74 Resp: 77003
 Ion Ratio Lower Upper
 74 100
 45 94.6 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.561 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD01

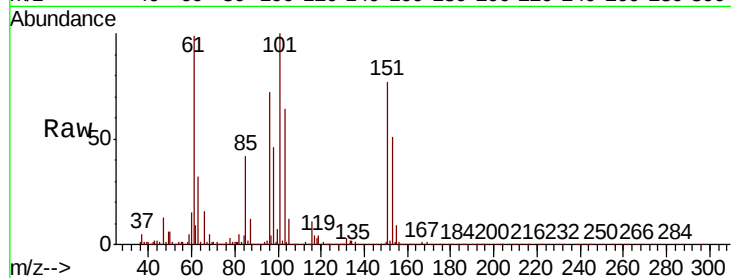
Tot Ion:101 Resp: 98705

Ion Ratio Lower Upper

101 100

85 43.1 33.7 50.5

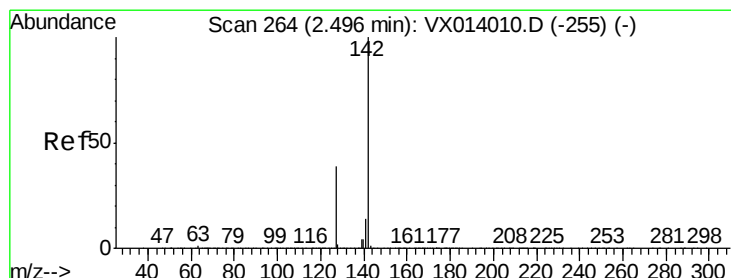
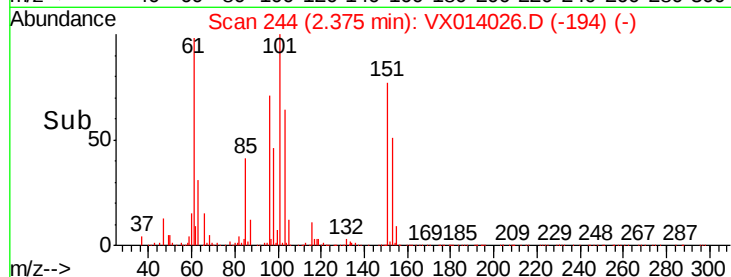
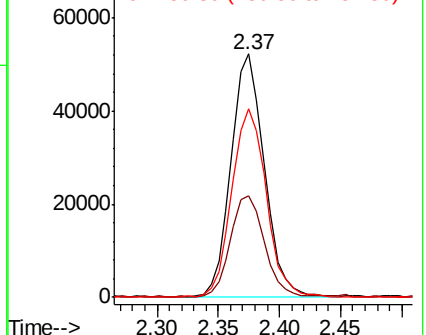
151 79.7 64.5 96.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.279 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

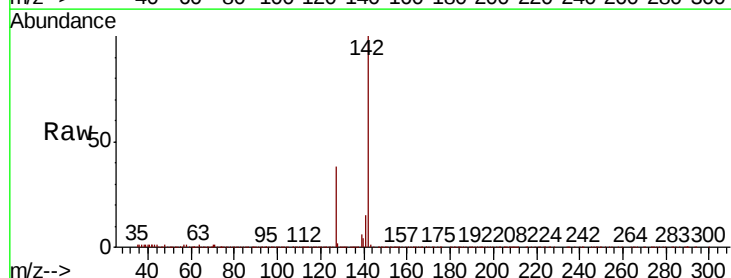
Tgt Ion:142 Resp: 123283

Ion Ratio Lower Upper

142 100

127 39.6 31.6 47.4

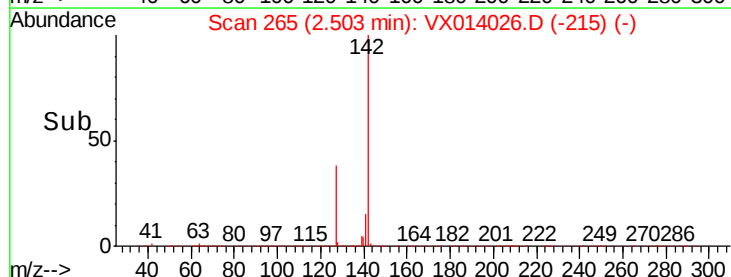
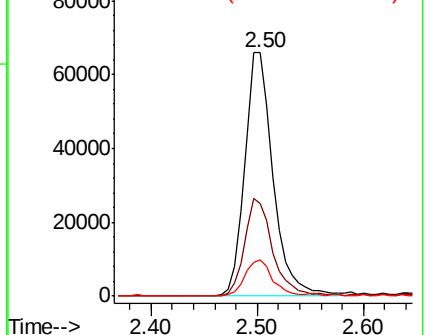
141 14.4 11.6 17.4

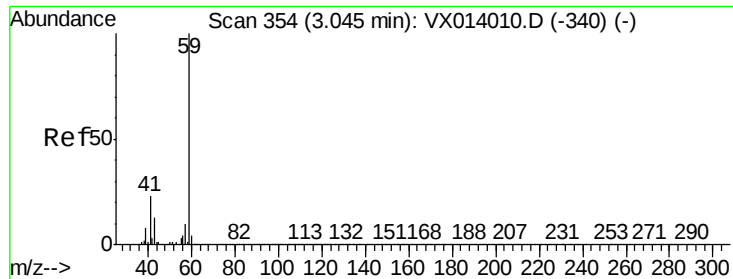


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



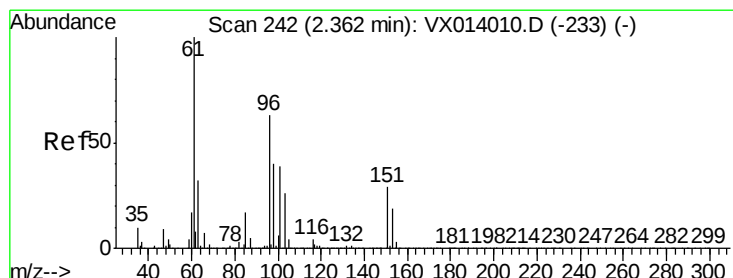
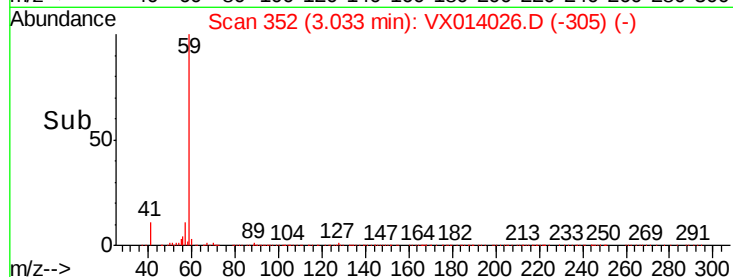
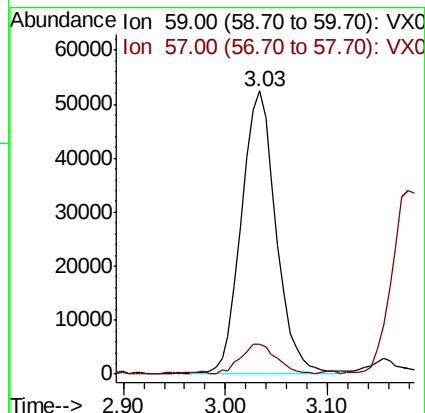
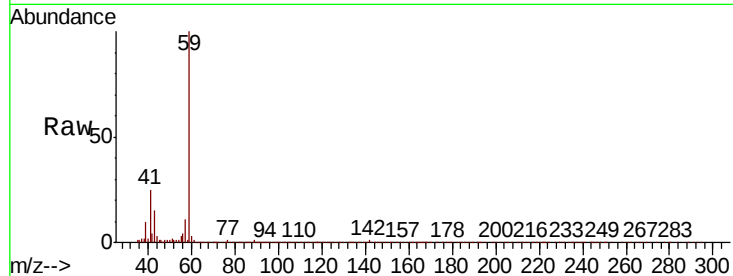


#11

Tert butyl alcohol
 Concen: 90.233 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX014026.D
 Acq: 16 Dec 2019 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBSD01

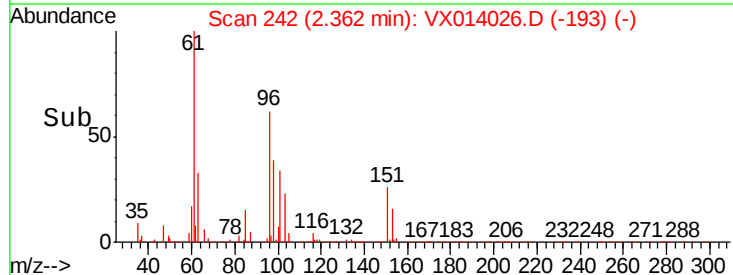
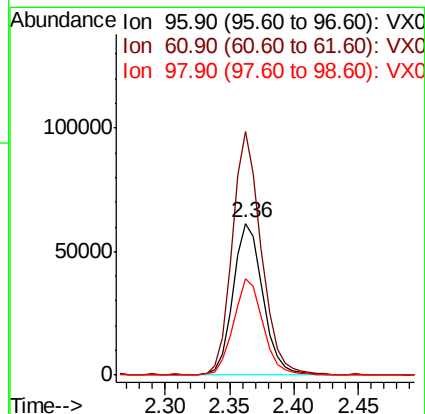
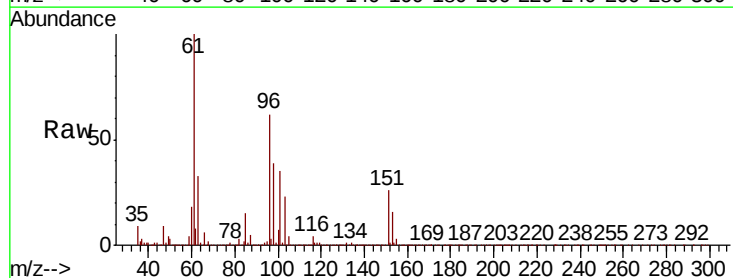
Tot Ion: 59 Resp: 124306
 Ion Ratio Lower Upper
 59 100
 57 11.2 8.4 12.6

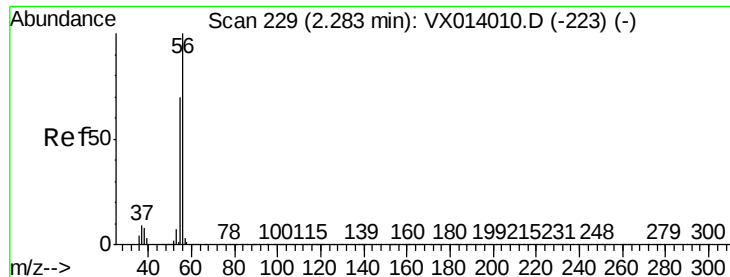


#12

1,1-Dichloroethene
 Concen: 18.378 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX014026.D
 Acq: 16 Dec 2019 11:44

Tgt Ion: 96 Resp: 99449
 Ion Ratio Lower Upper
 96 100
 61 160.2 127.9 191.9
 98 63.0 50.5 75.7

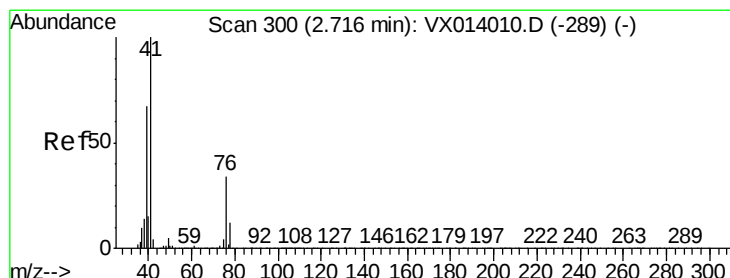
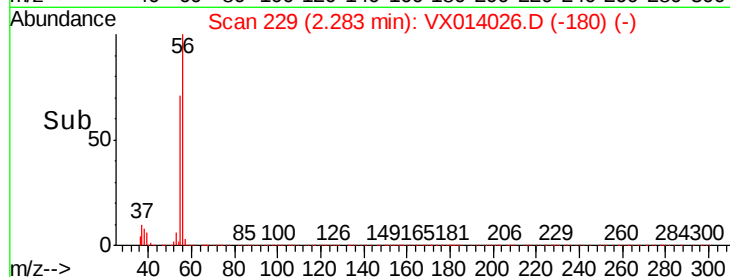
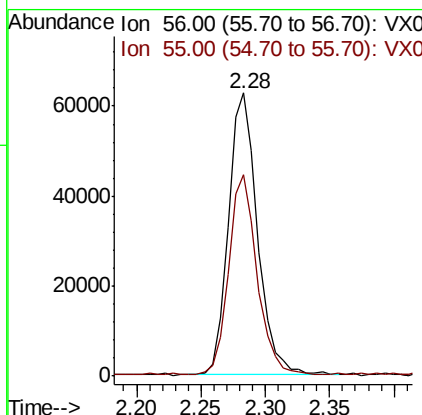
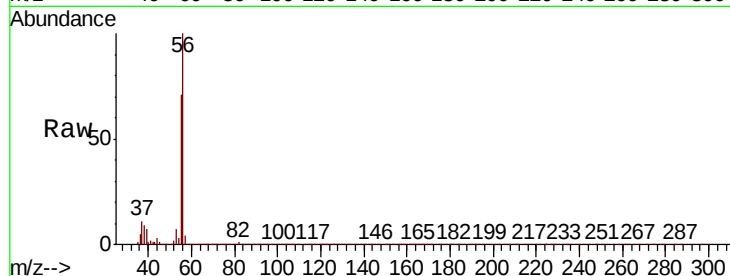




#13
Acrolein
Concen: 125.101 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

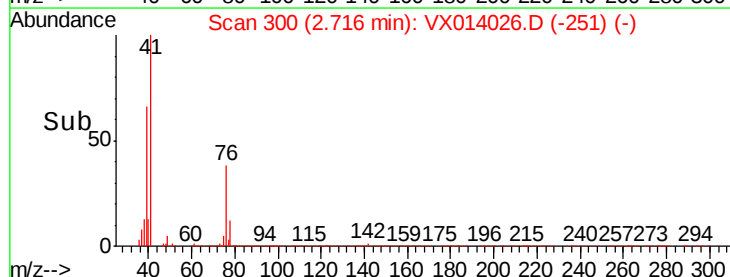
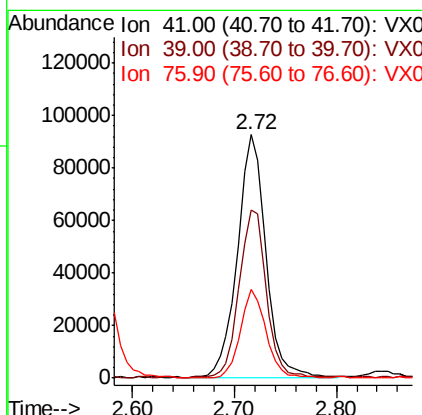
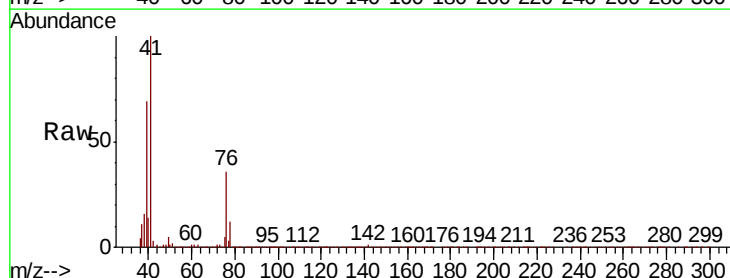
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

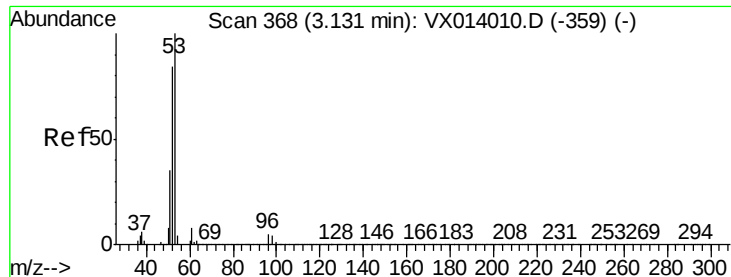
Tot Ion: 56 Resp: 98653
Ion Ratio Lower Upper
56 100
55 68.9 56.9 85.3



#14
Allyl chloride
Concen: 18.395 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Tgt Ion: 41 Resp: 177726
Ion Ratio Lower Upper
41 100
39 66.3 51.8 77.8
76 32.7 25.9 38.9





#15

Acrylonitrile

Concen: 94.292 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

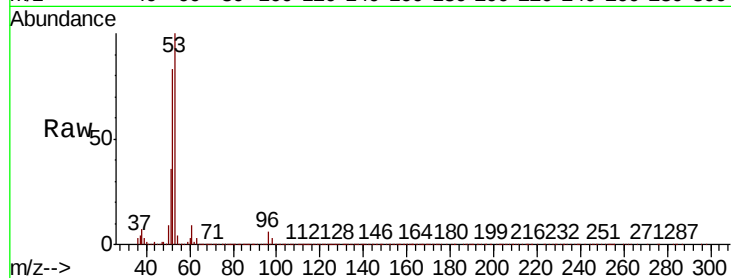
MSVOA_X

ClientSampleId :

VX1216WBSD01

Tot Ion: 53 Resp: 303190

Ion	Ratio	Lower	Upper
53	100		
52	84.1	66.5	99.7
51	37.0	28.1	42.1

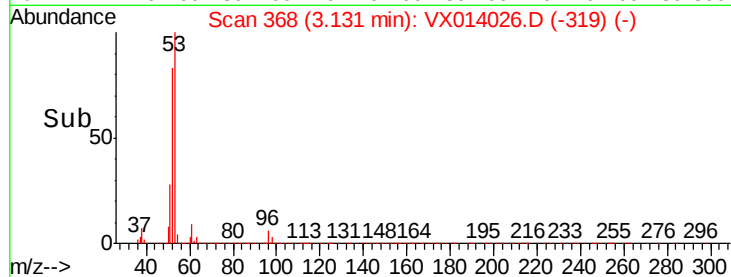


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

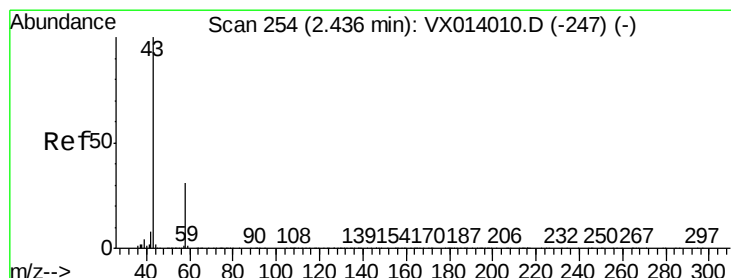


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 89.185 ug/l

RT: 2.43 min Scan# 253

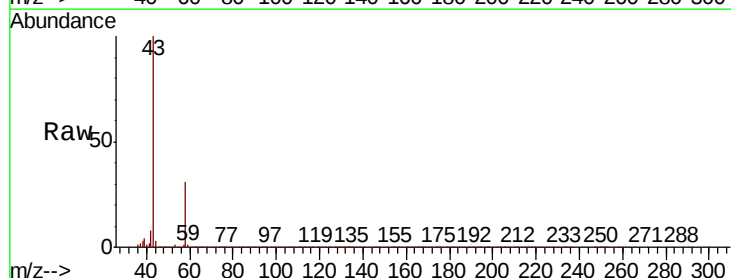
Delta R.T. -0.01 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Tgt Ion: 43 Resp: 369147

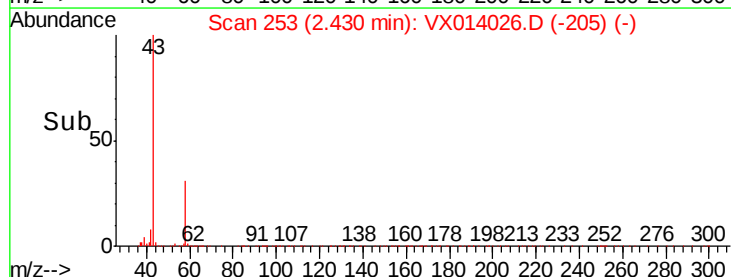
Ion	Ratio	Lower	Upper
43	100		
58	31.4	24.9	37.3



Abundance

Ion 43.00 (42.70 to 43.70): VX0

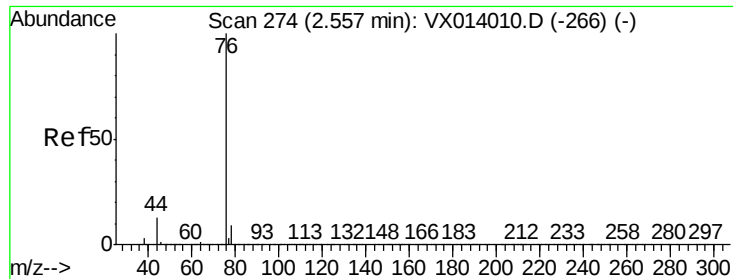
Ion 58.00 (57.70 to 58.70): VX0



Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 18.260 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

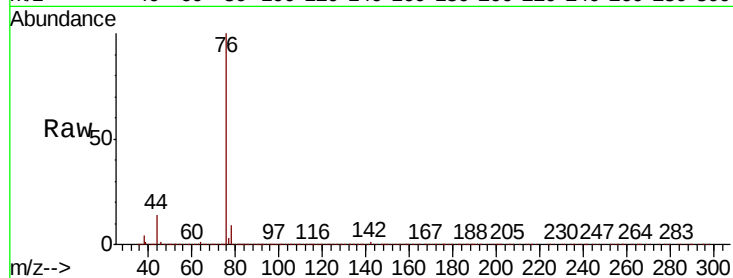
VX1216WBSD01

Tot Ion: 76 Resp: 267040

Ion Ratio Lower Upper

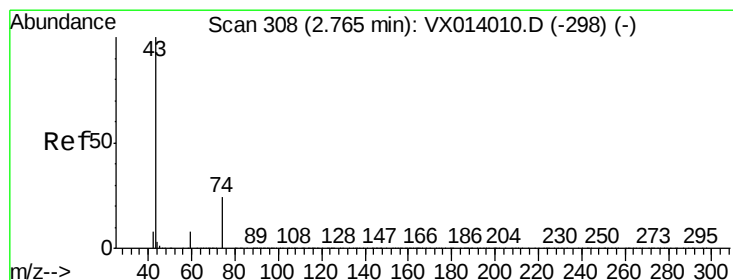
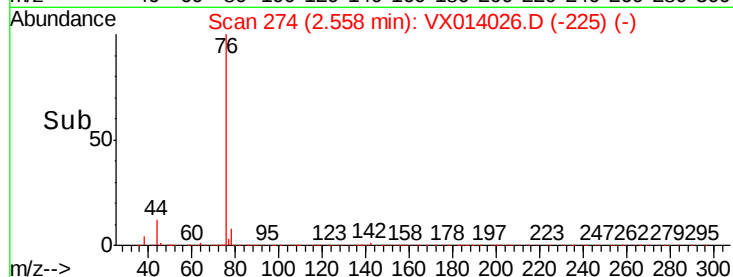
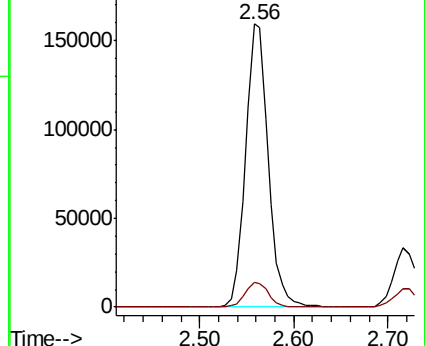
76 100

78 8.7 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.760 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014026.D

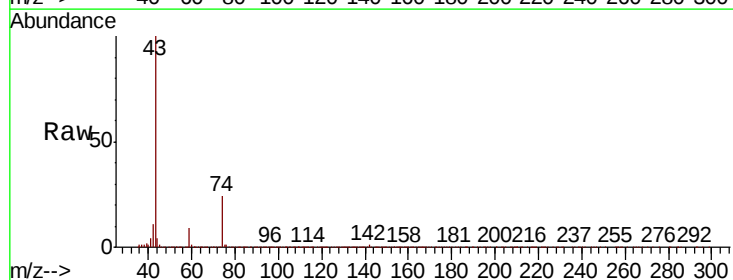
Acq: 16 Dec 2019 11:44

Tgt Ion: 43 Resp: 153866

Ion Ratio Lower Upper

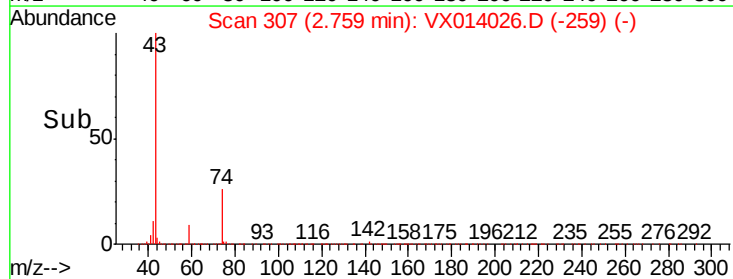
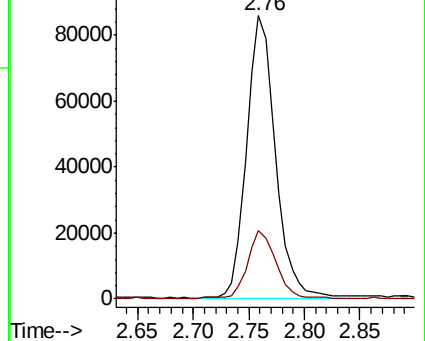
43 100

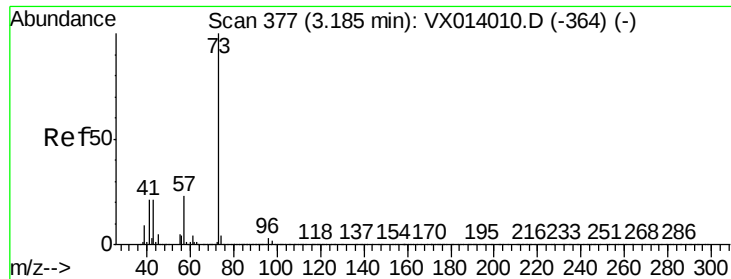
74 23.9 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



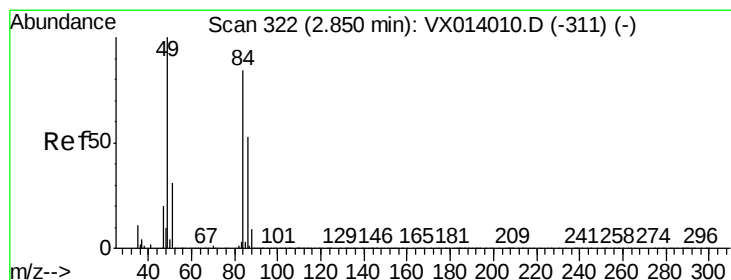
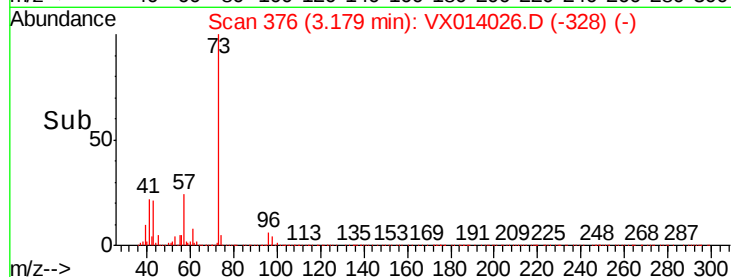
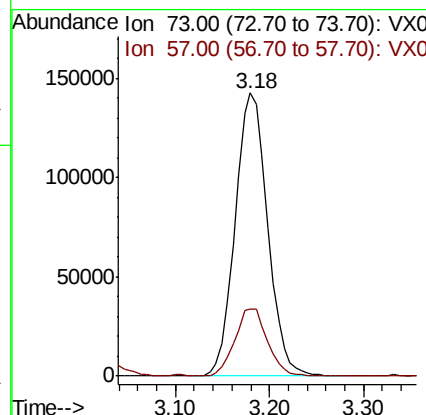
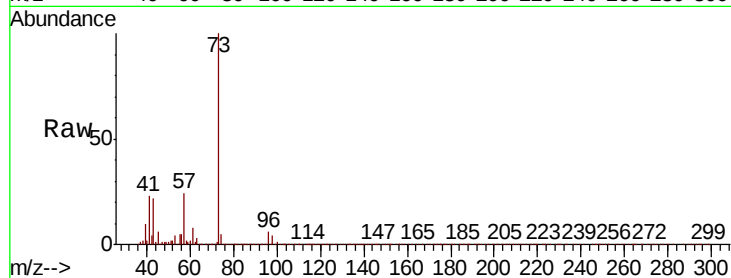


#19

Methyl tert-butyl Ether
 Concen: 19.093 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014026.D
 Acq: 16 Dec 2019 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBSD01

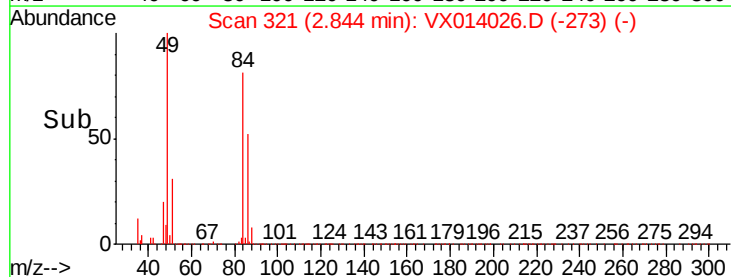
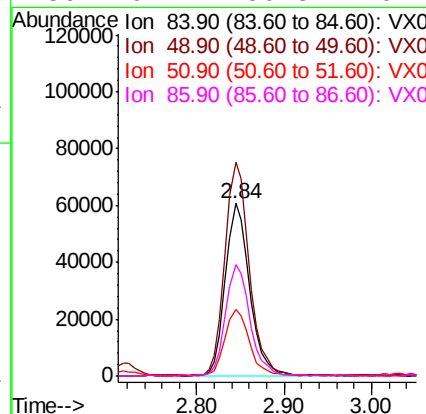
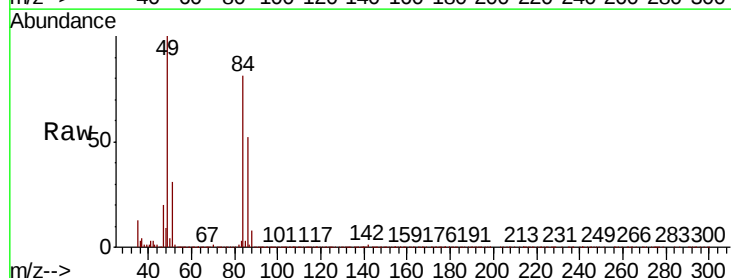
Tot Ion: 73 Resp: 339493
 Ion Ratio Lower Upper
 73 100
 57 23.7 18.8 28.2

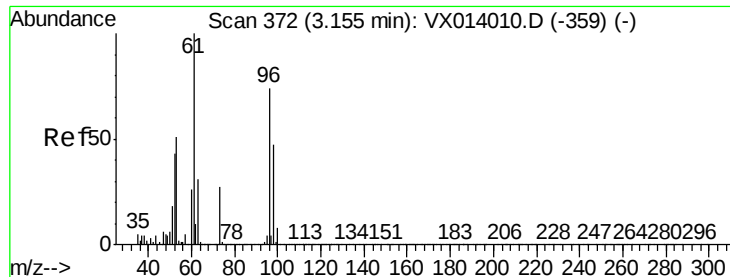


#20

Methylene Chloride
 Concen: 17.980 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX014026.D
 Acq: 16 Dec 2019 11:44

Tgt Ion: 84 Resp: 117194
 Ion Ratio Lower Upper
 84 100
 49 123.6 95.8 143.6
 51 37.7 29.8 44.8
 86 64.2 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 17.719 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD01

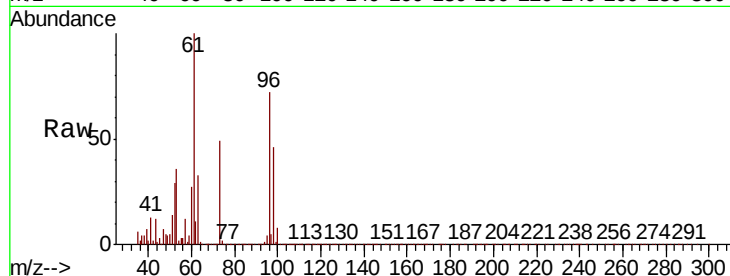
Tot Ion: 96 Resp: 105633

Ion Ratio Lower Upper

96 100

61 139.1 108.3 162.5

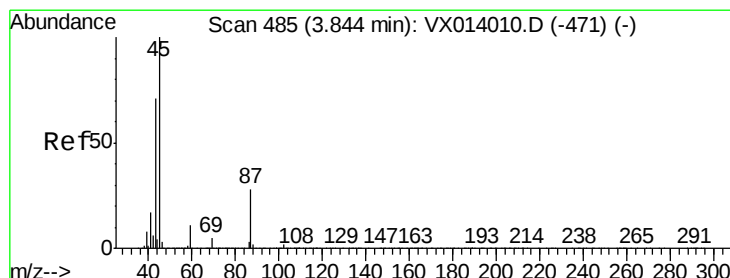
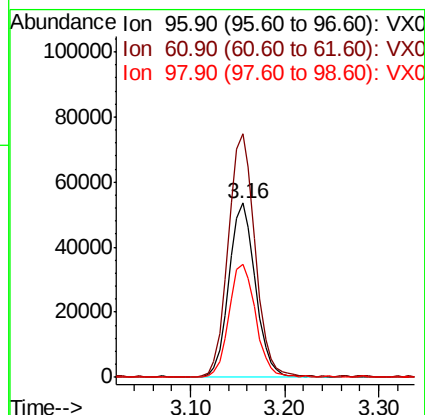
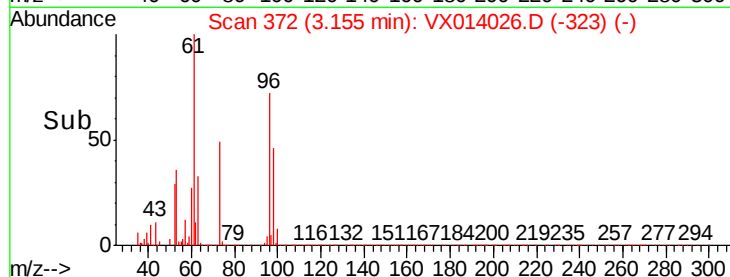
98 64.1 50.8 76.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.198 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Tgt Ion: 45 Resp: 369627

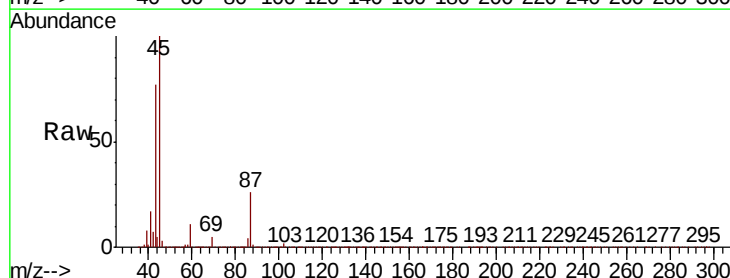
Ion Ratio Lower Upper

45 100

43 76.2 57.4 86.0

87 25.5 21.9 32.9

59 10.8 9.0 13.6

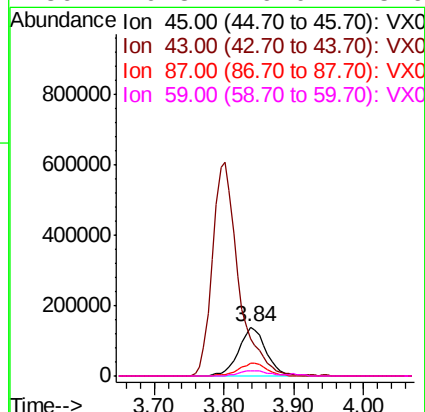
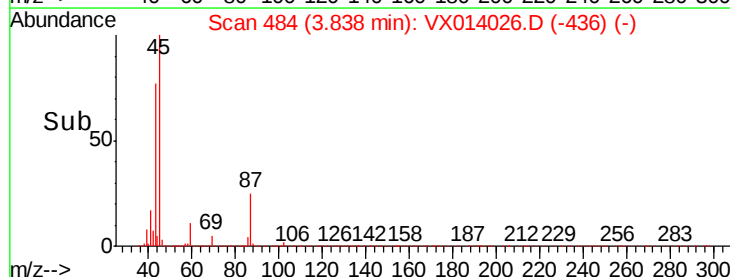


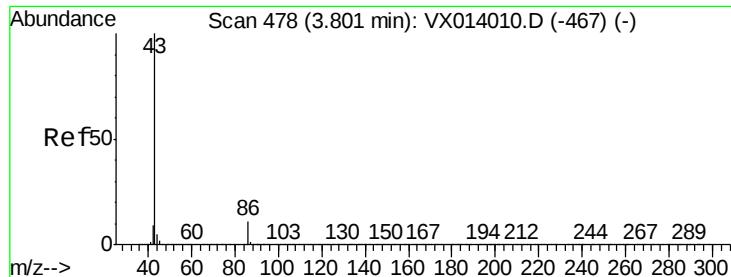
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

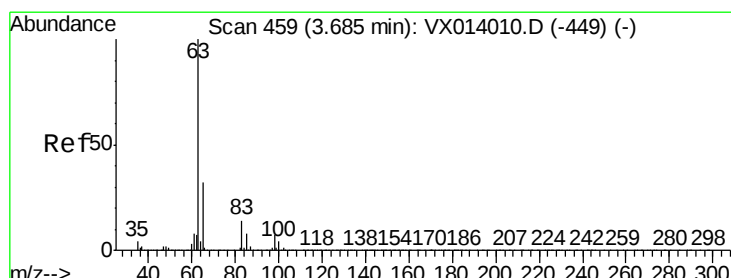
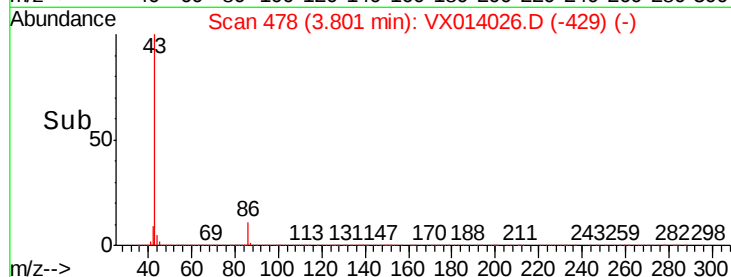
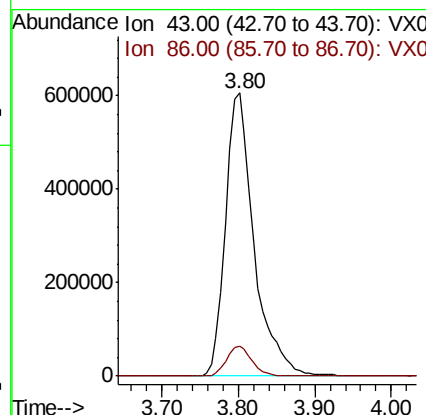
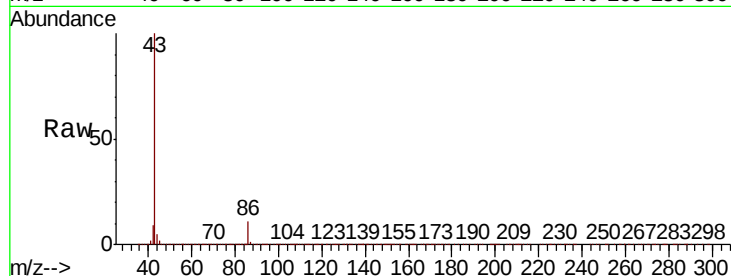




#23
 Vinyl Acetate
 Concen: 99.544 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX014026.D
 Acq: 16 Dec 2019 11:44

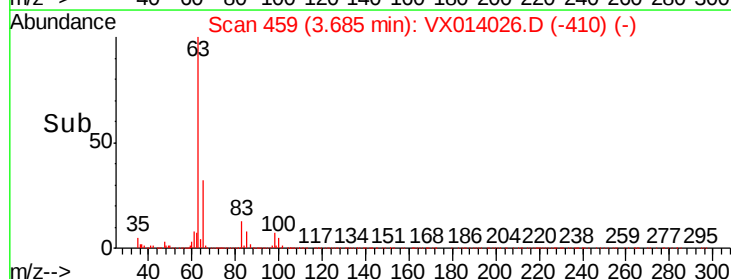
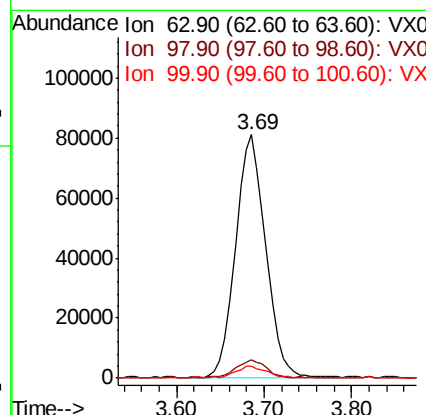
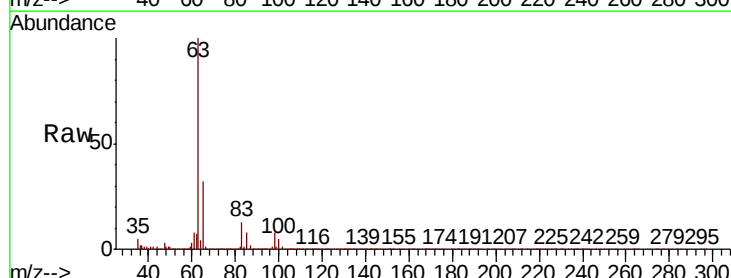
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBSD01

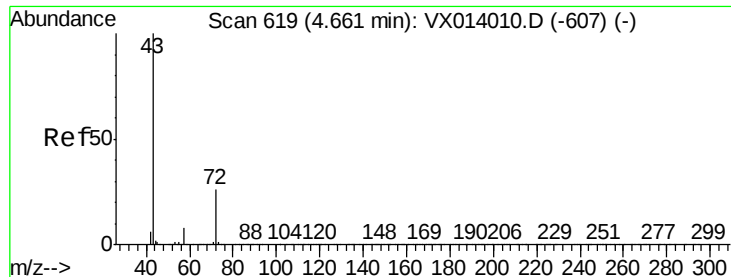
Tot Ion: 43 Resp: 1564001
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 18.071 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX014026.D
 Acq: 16 Dec 2019 11:44

Tgt Ion: 63 Resp: 193568
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 4.8 2.3 6.8





#25

2-Butanone

Concen: 91.594 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

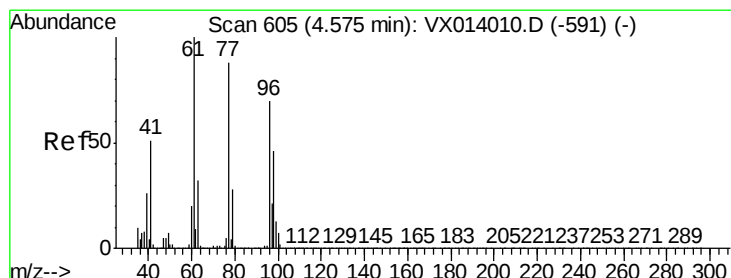
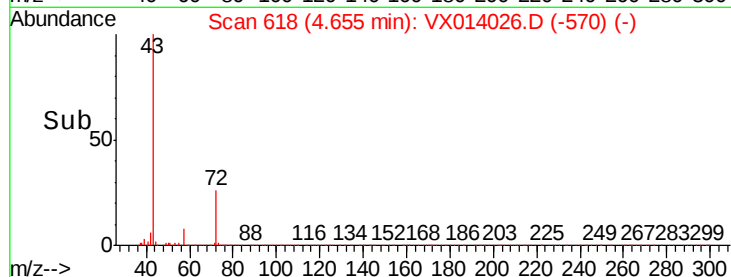
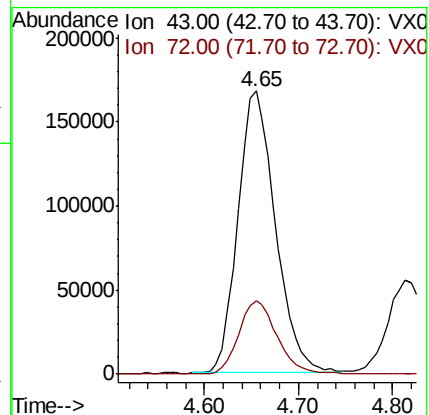
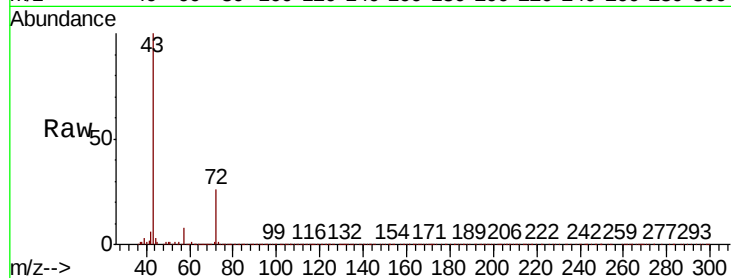
VX1216WBSD01

Tot Ion: 43 Resp: 467407

Ion Ratio Lower Upper

43 100

72 25.7 21.0 31.4



#26

2,2-Dichloropropane

Concen: 18.522 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014026.D

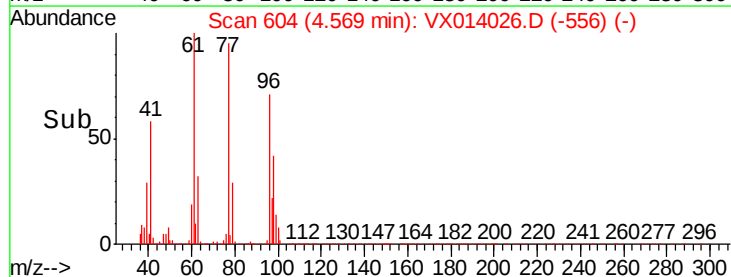
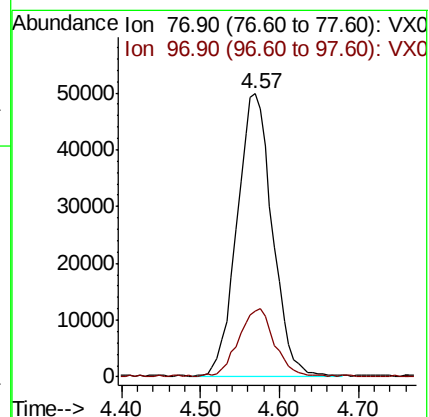
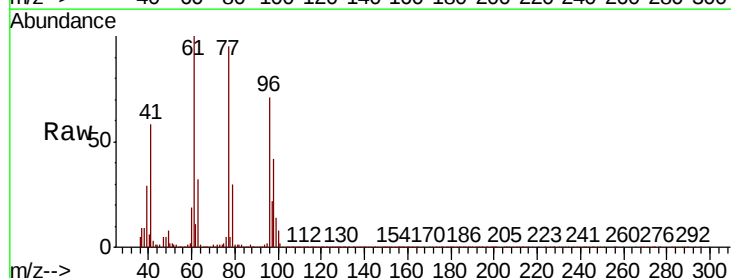
Acq: 16 Dec 2019 11:44

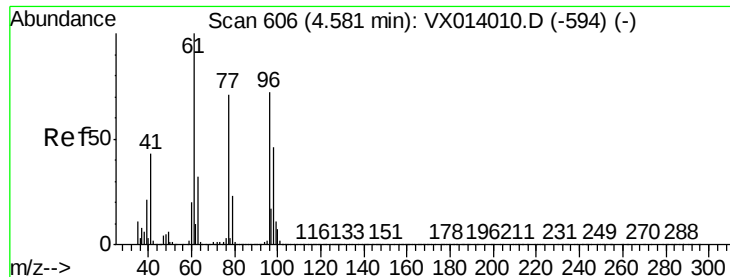
Tgt Ion: 77 Resp: 154041

Ion Ratio Lower Upper

77 100

97 24.0 11.9 35.9



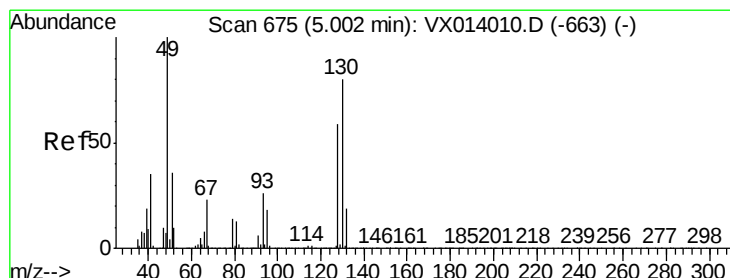
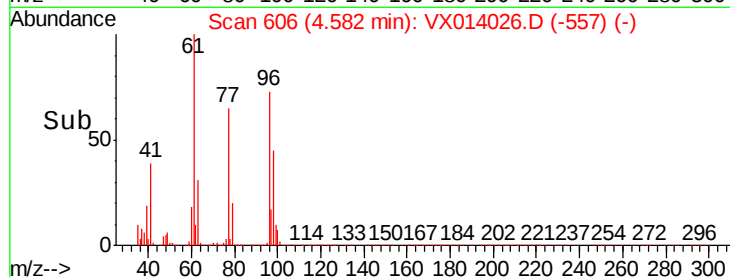
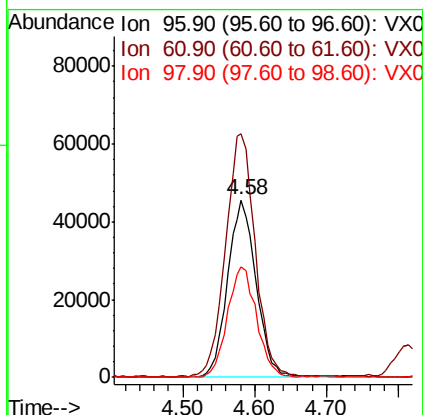
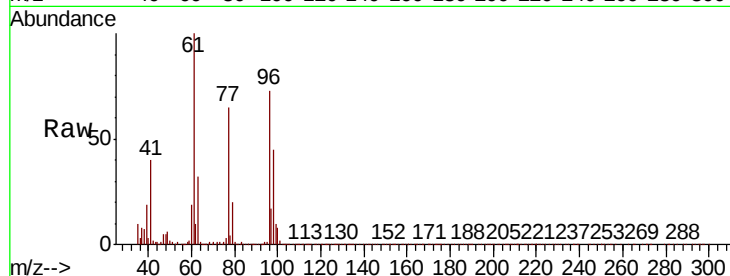


#27

cis-1,2-Dichloroethene
Concen: 18.694 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

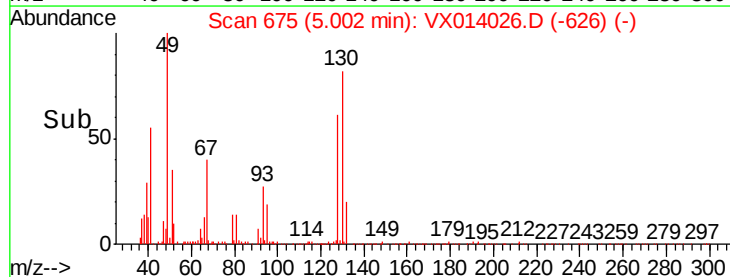
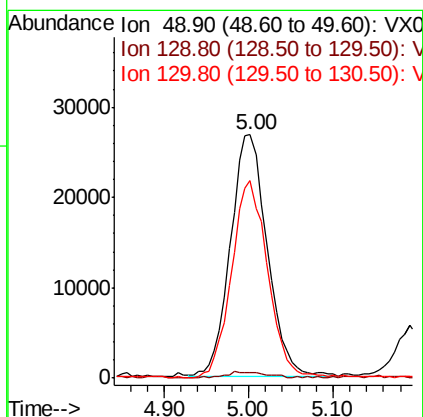
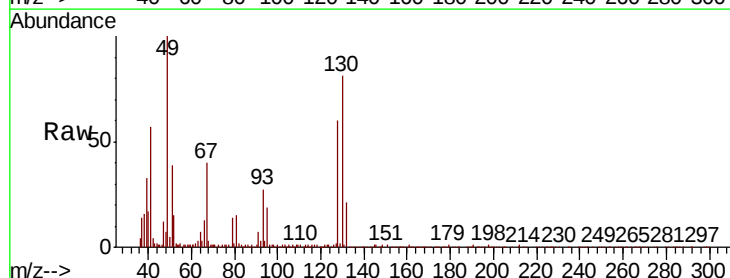
Tot Ion	Ratio	Lower	Upper
96	100		
61	140.7	0.0	288.4
98	63.6	0.0	129.6

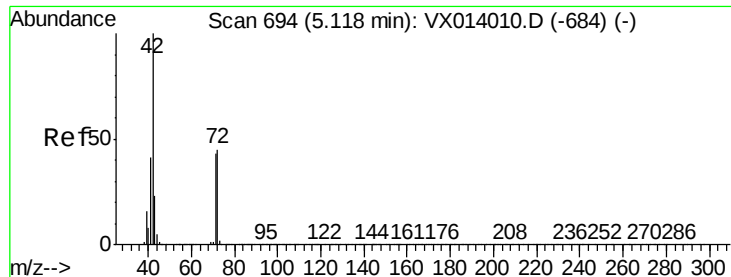


#28

Bromochloromethane
Concen: 19.435 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	5.0
130	79.7	64.6	97.0

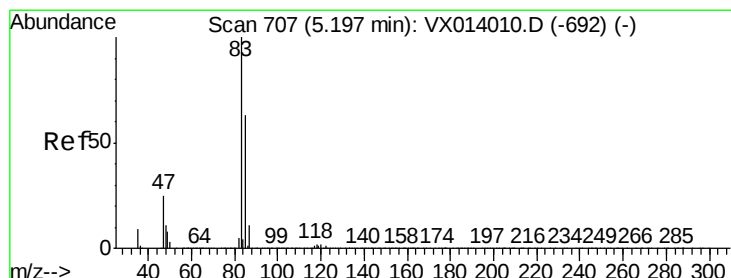
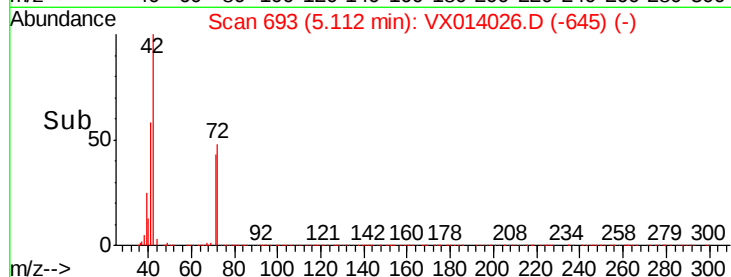
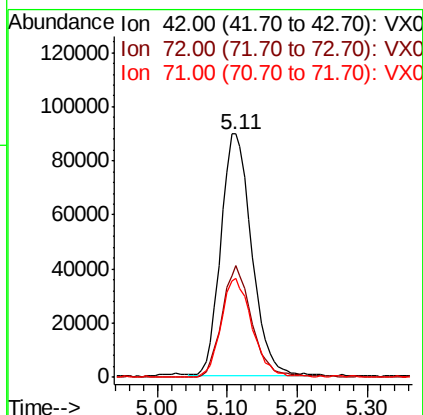
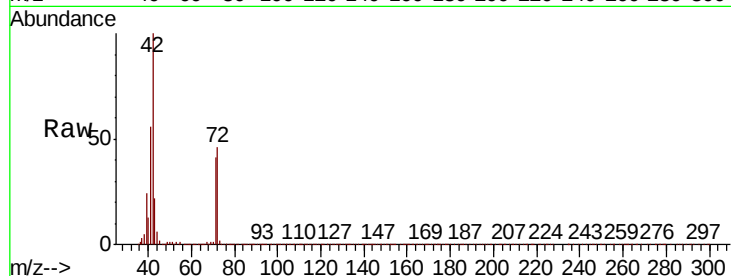




#29
Tetrahydrofuran
Concen: 96.196 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

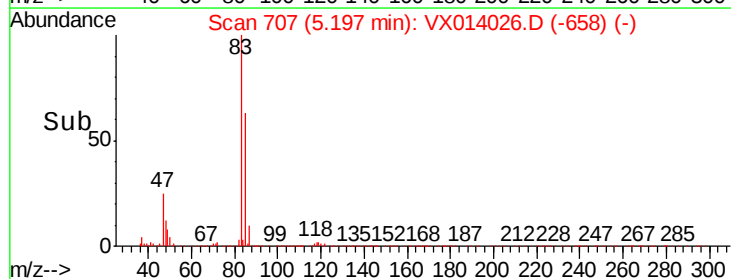
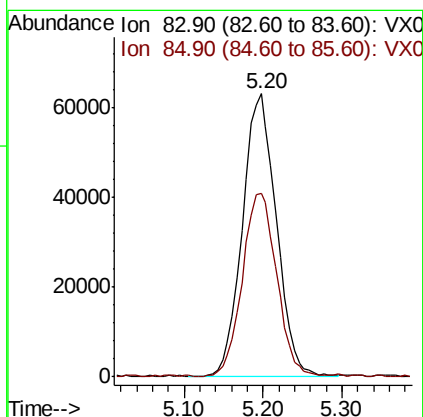
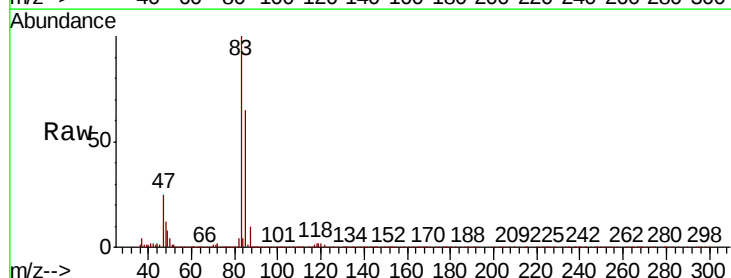
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

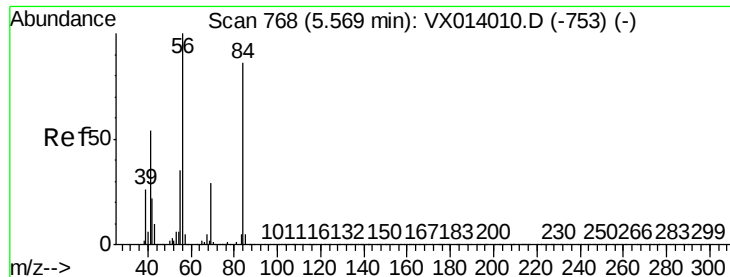
Tot Ion	Ratio	Lower	Upper
42	100		
72	44.0	35.8	53.8
71	41.1	33.6	50.4



#30
Chloroform
Concen: 18.471 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.8	76.2

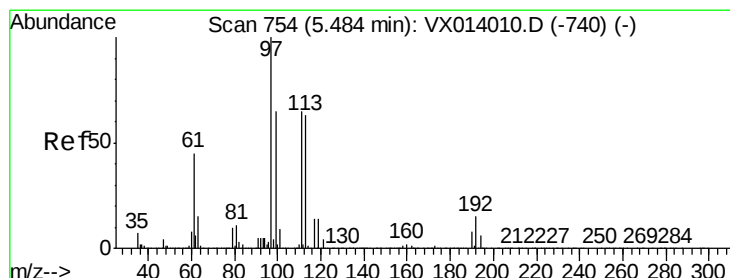
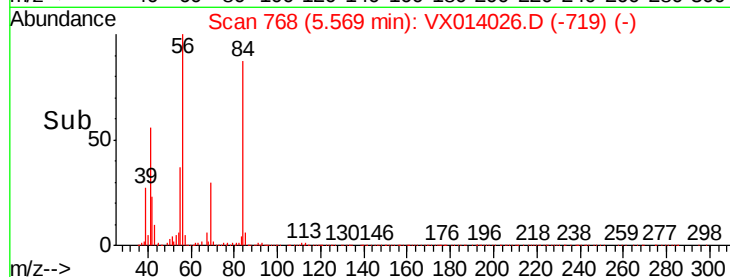
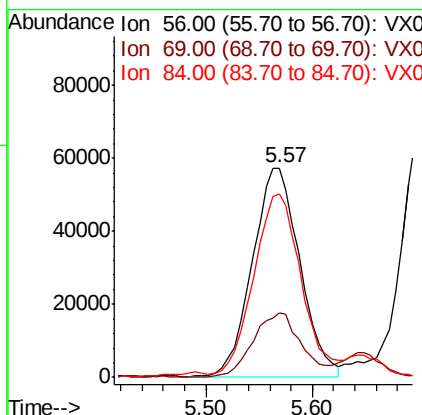
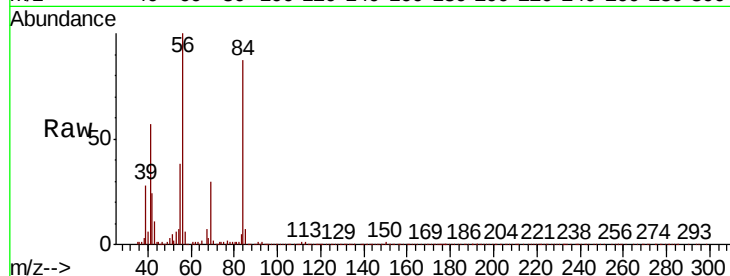




#31
Cyclohexane
Concen: 18.800 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

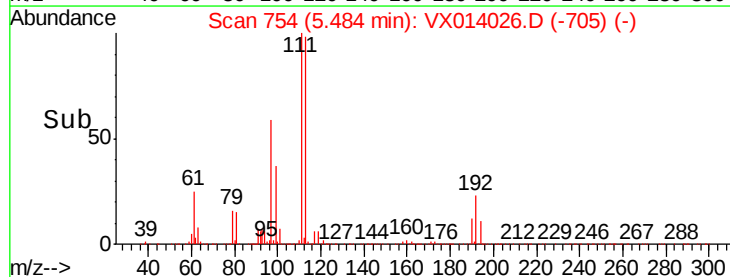
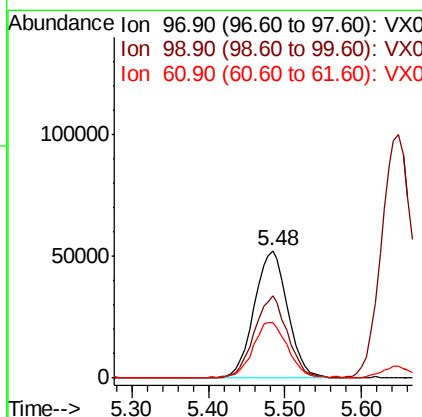
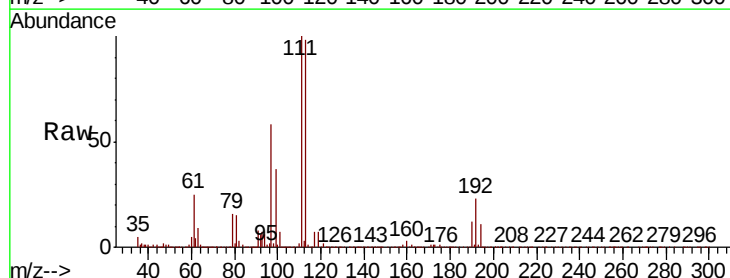
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

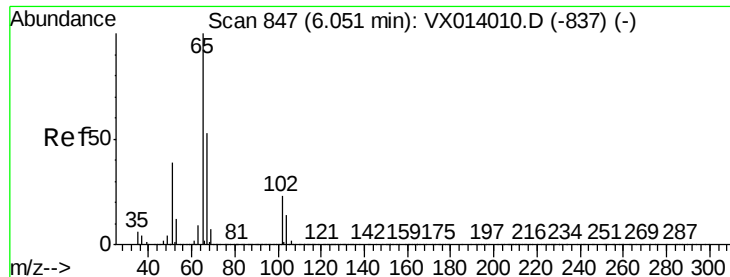
Tot Ion: 56 Resp: 179105
Ion Ratio Lower Upper
56 100
69 29.7 23.2 34.8
84 85.4 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 18.350 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Tgt Ion: 97 Resp: 158811
Ion Ratio Lower Upper
97 100
99 63.9 52.0 78.0
61 45.4 36.7 55.1





#33

1,2-Dichloroethane-d4

Concen: 48.693 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

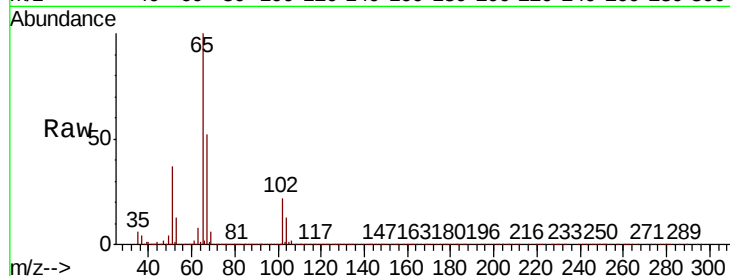
VX1216WBSD01

Tot Ion: 65 Resp: 310445

Ion Ratio Lower Upper

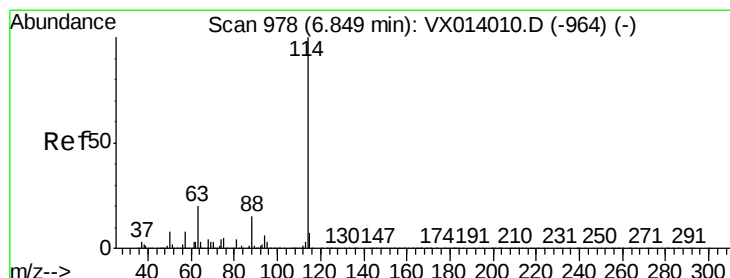
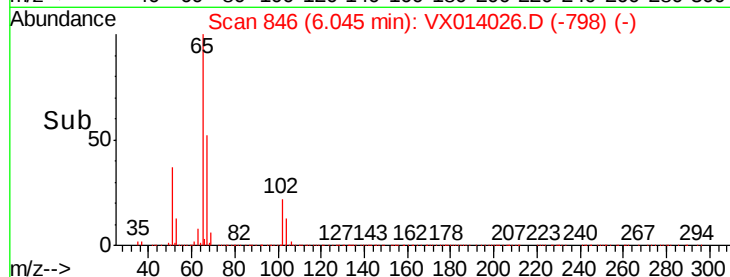
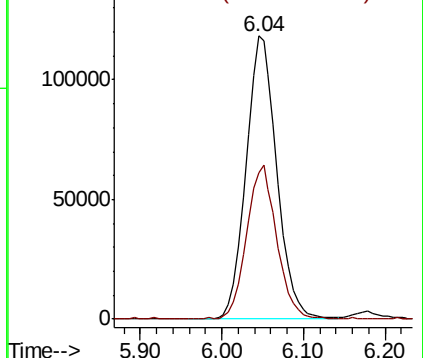
65 100

67 52.7 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

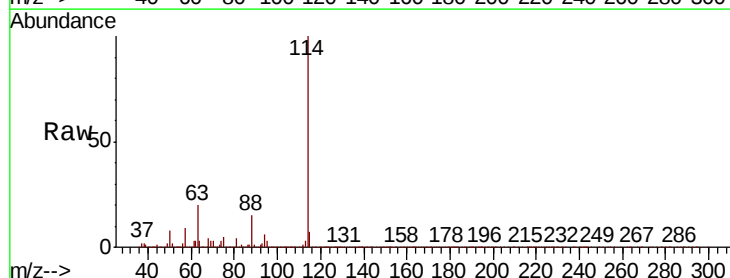
Tgt Ion: 114 Resp: 853779

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

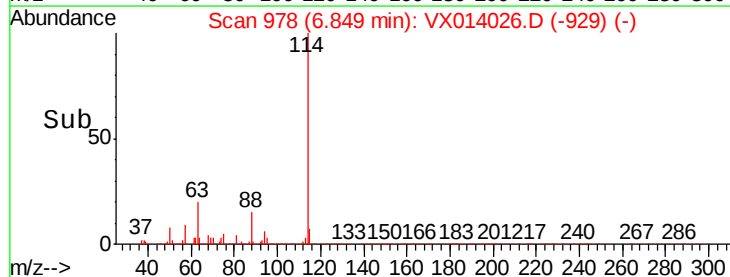
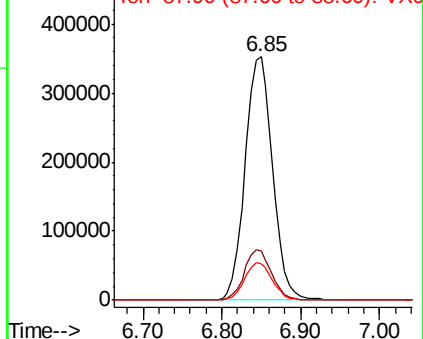
88 15.0 0.0 30.4

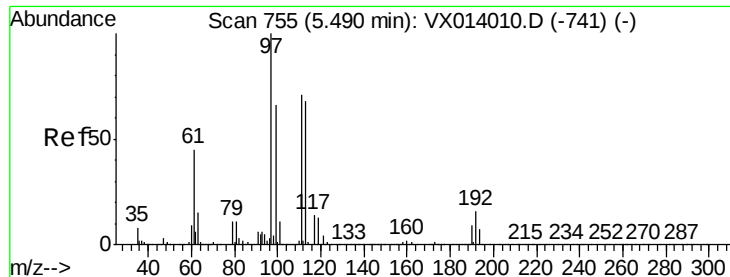


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.438 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

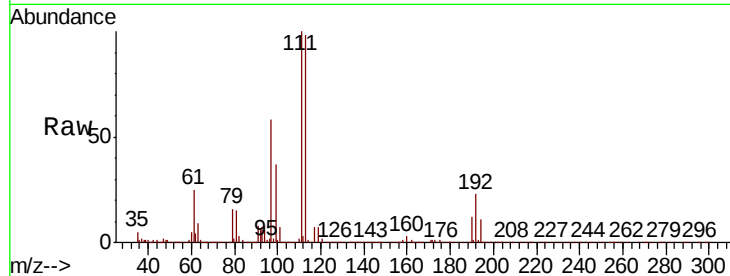
Tot Ion:113 Resp: 246203

Ion Ratio Lower Upper

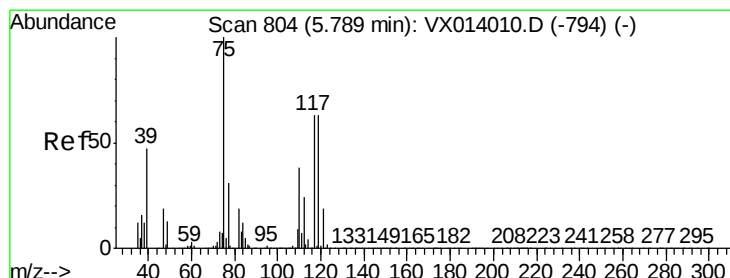
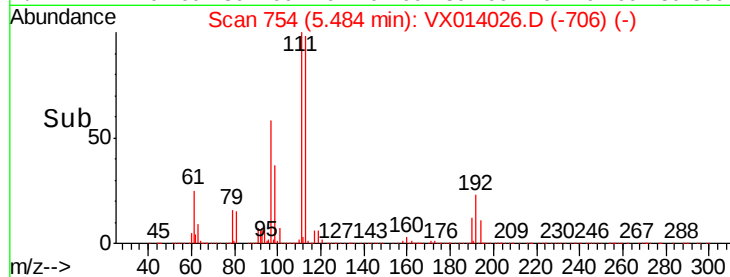
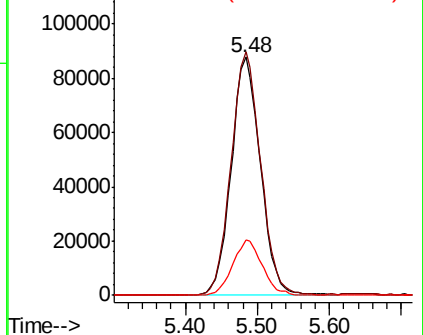
113 100

111 103.6 82.0 123.0

192 23.6 19.3 28.9



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.251 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

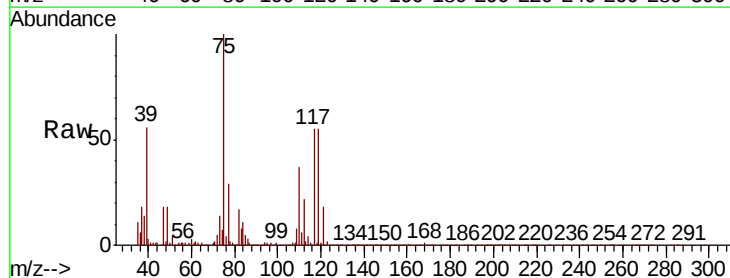
Tgt Ion: 75 Resp: 142976

Ion Ratio Lower Upper

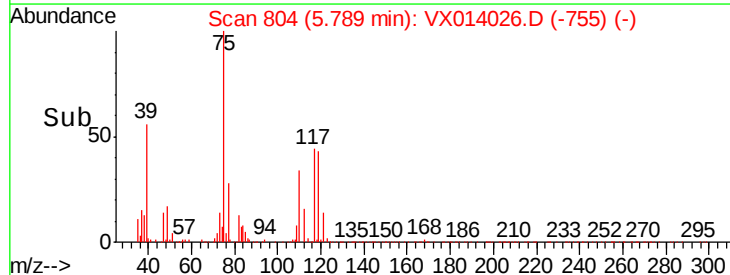
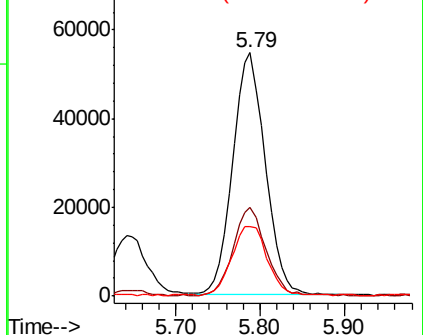
75 100

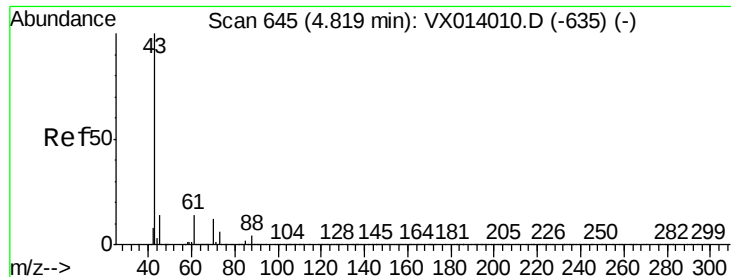
110 36.3 18.3 54.9

77 31.2 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

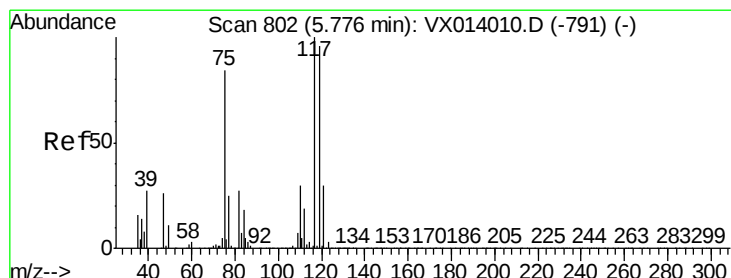
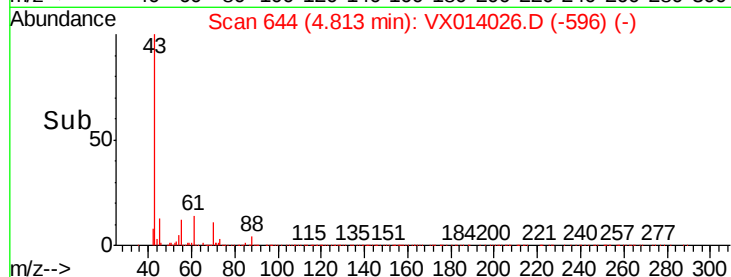
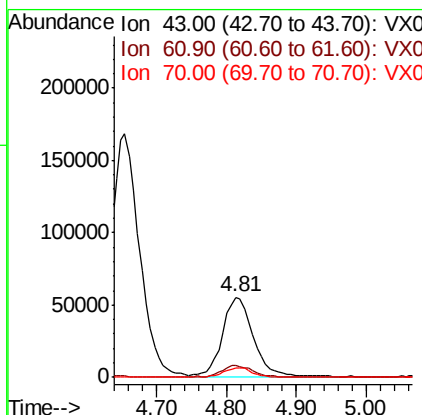
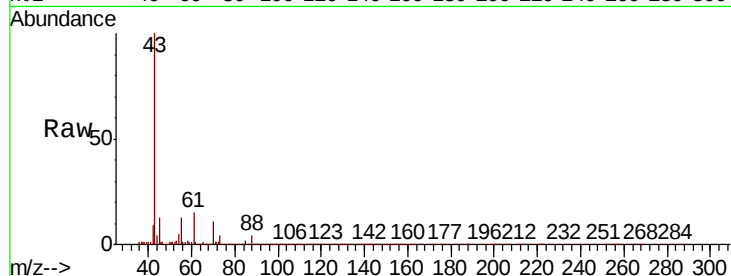




#37
Ethyl Acetate
Concen: 19.171 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

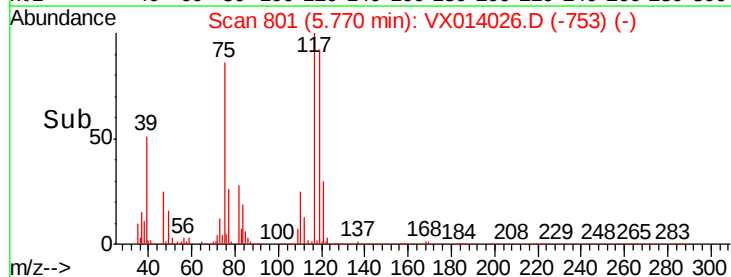
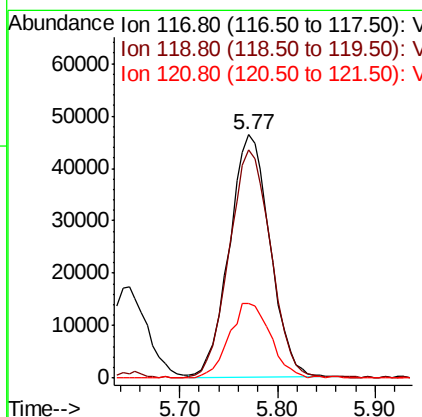
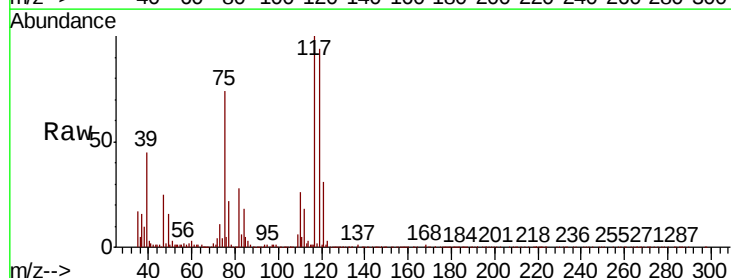
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

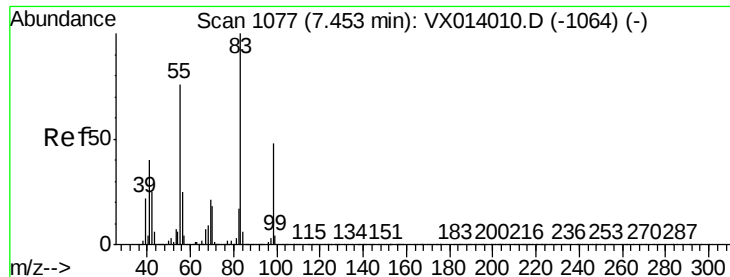
Tot Ion: 43 Resp: 165842
Ion Ratio Lower Upper
43 100
61 14.0 10.8 16.2
70 10.7 8.6 12.8



#38
Carbon Tetrachloride
Concen: 18.698 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Tgt Ion: 117 Resp: 133441
Ion Ratio Lower Upper
117 100
119 93.4 76.2 114.4
121 31.0 23.6 35.4

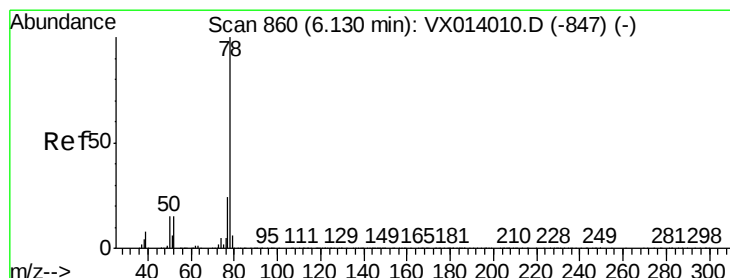
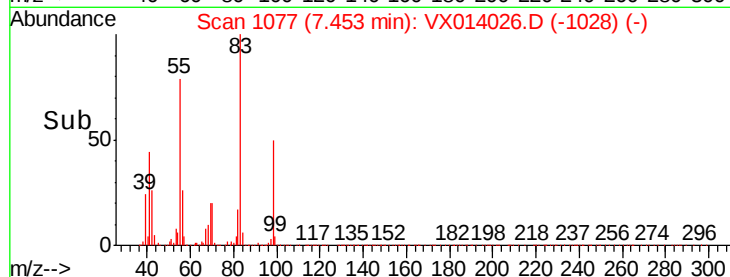
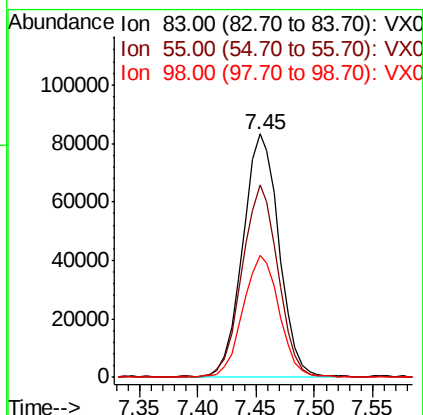
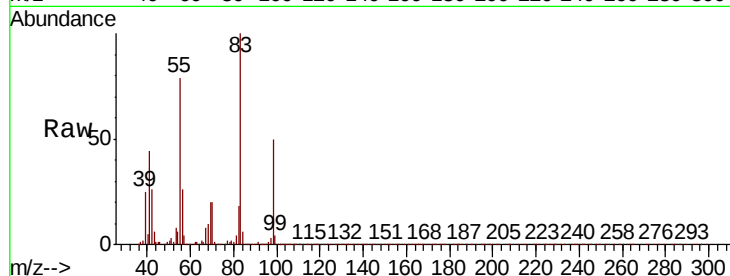




#39
Methvlcvclohexane
Concen: 18.611 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

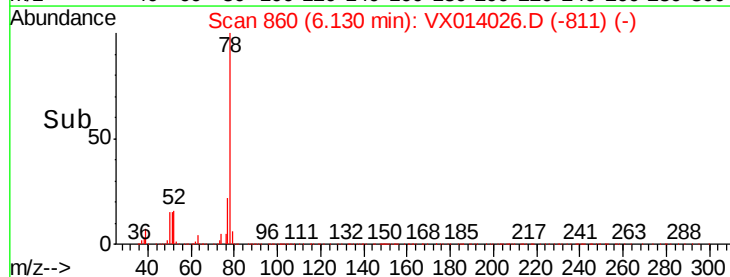
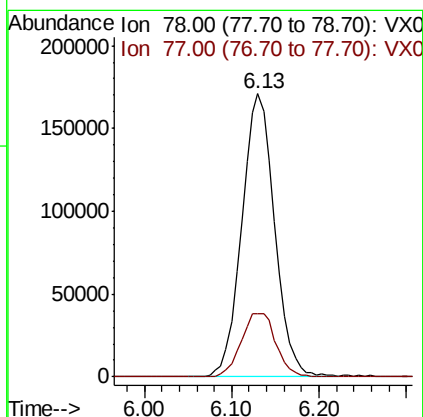
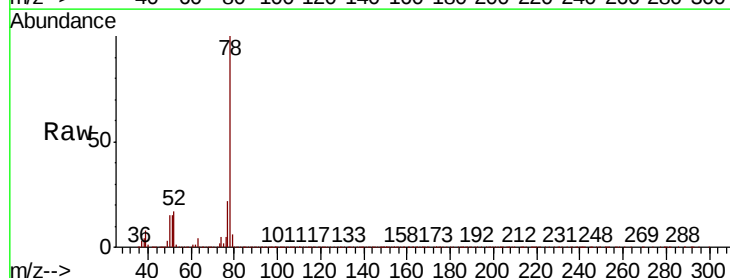
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

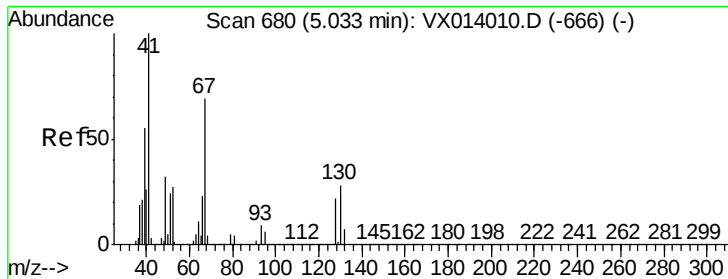
Tot Ion	Ratio	Lower	Upper
83	100		
55	79.0	61.0	91.6
98	50.2	38.6	57.8



#40
Benzene
Concen: 18.328 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	18.8	28.2

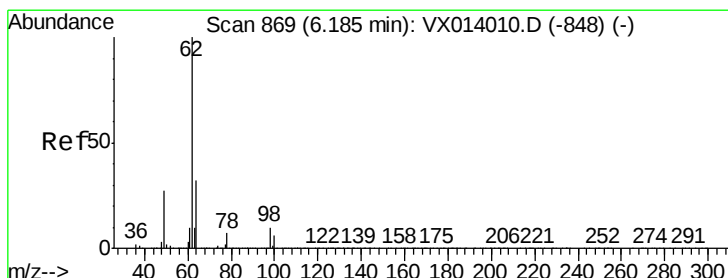
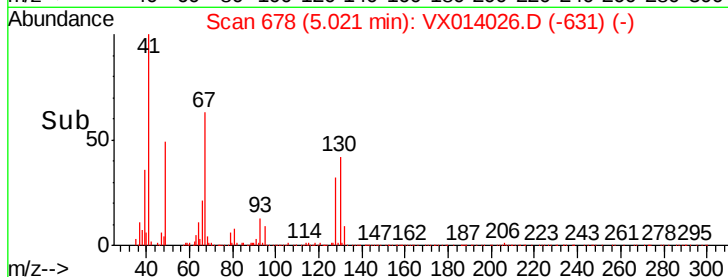
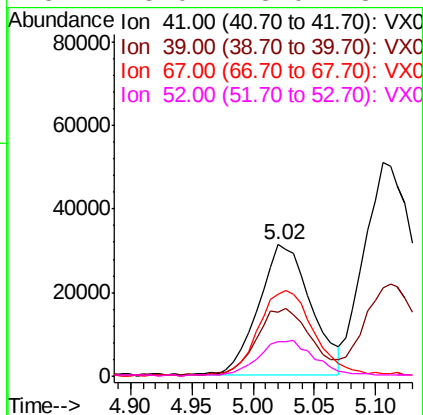
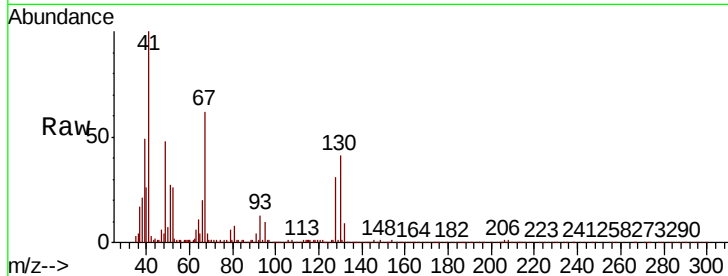




#41
Methacrylonitrile
Concen: 19.430 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

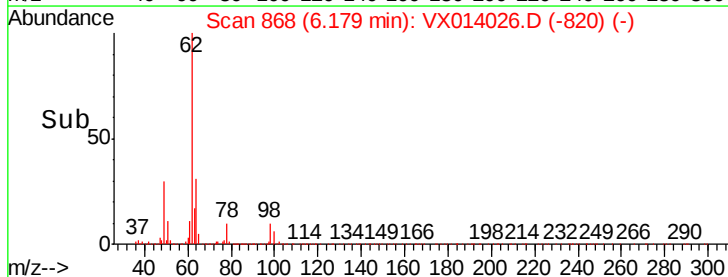
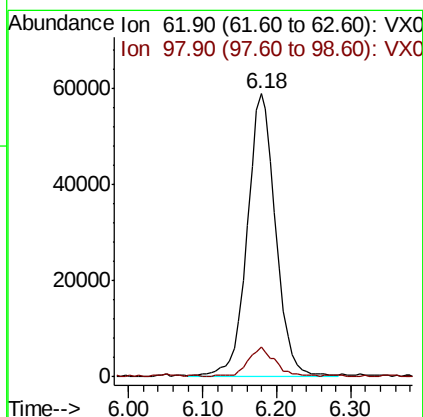
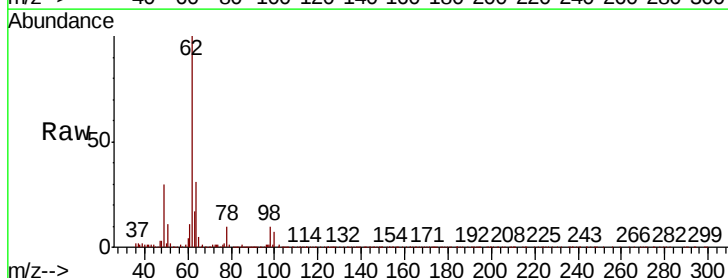
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

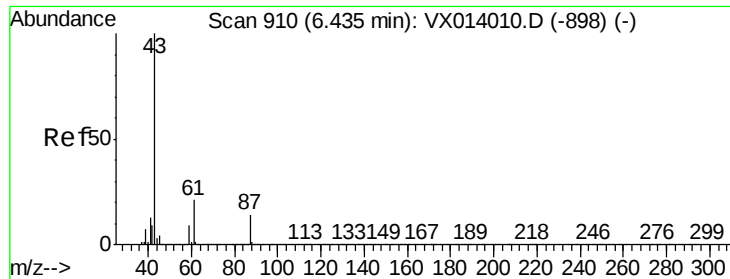
Tot Ion:	41	Resp:	93263
Ion	Ratio	Lower	Upper
41	100		
39	53.2	44.5	66.7
67	69.0	57.4	86.0
52	28.0	23.0	34.4



#42
1,2-Dichloroethane
Concen: 19.040 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Tgt Ion:	62	Resp:	155567
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	21.0



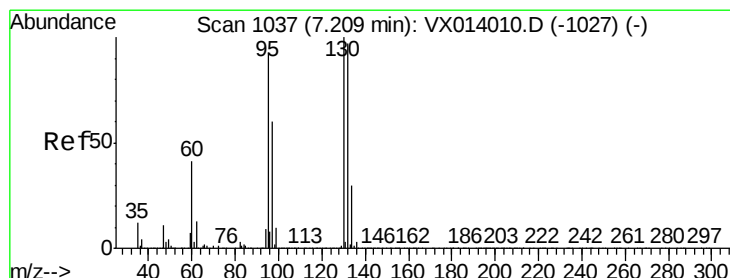
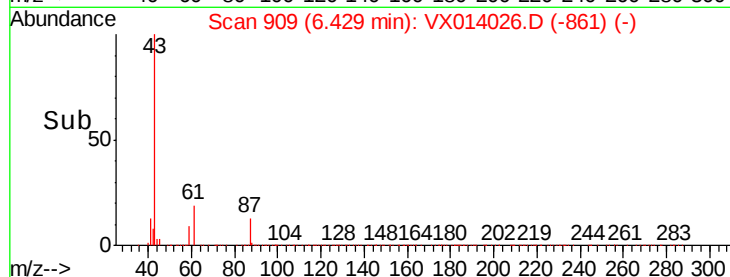
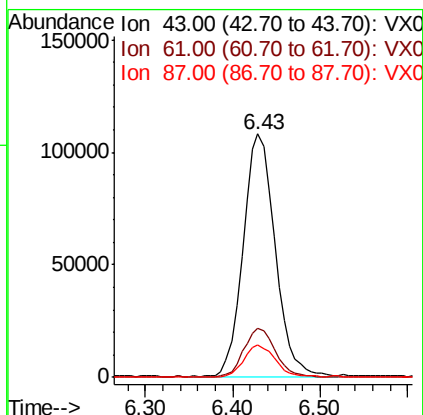
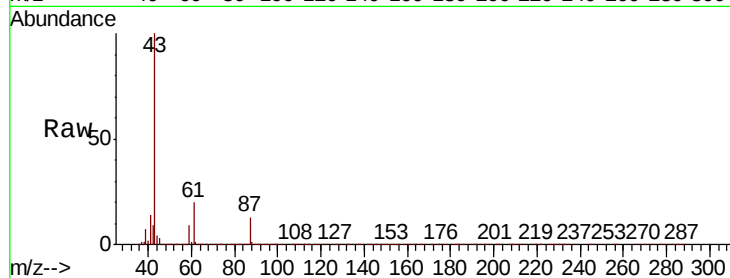


#43

Isopropyl Acetate
 Concen: 19.087 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014026.D
 Acq: 16 Dec 2019 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBSD01

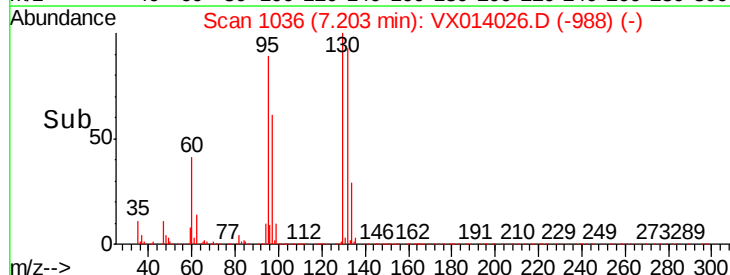
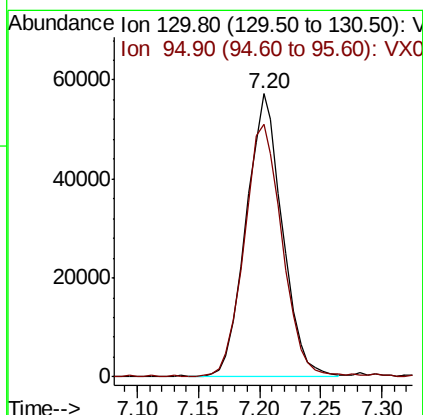
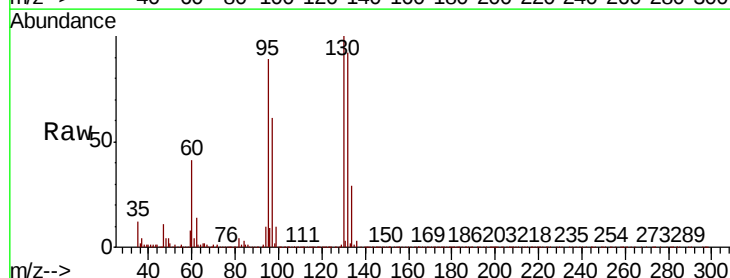
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	16.4	24.6
87	13.1	10.7	16.1

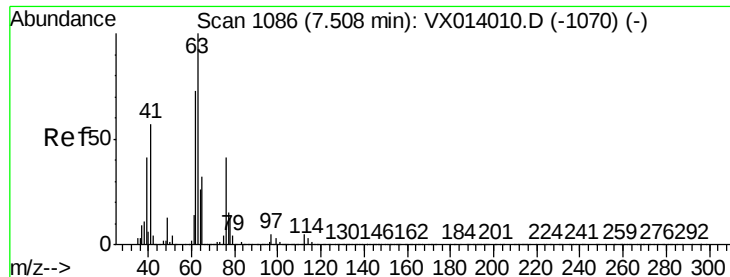


#44

Trichloroethene
 Concen: 17.582 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014026.D
 Acq: 16 Dec 2019 11:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.2	0.0	185.6





#45

1,2-Dichloropropane

Concen: 18.776 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

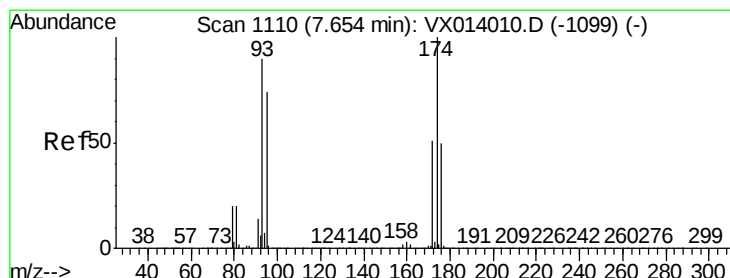
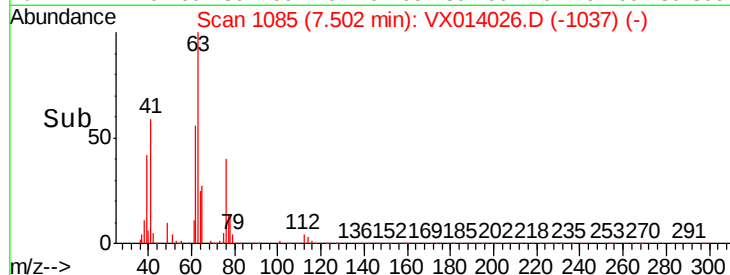
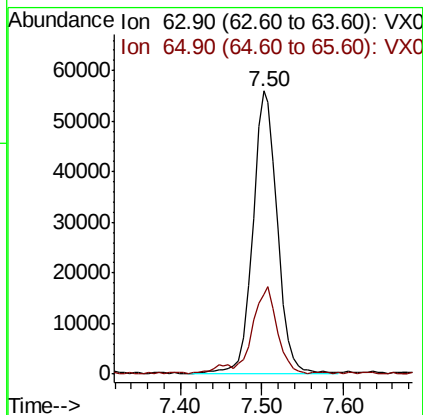
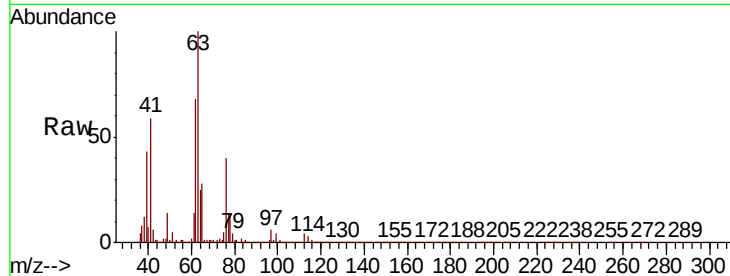
VX1216WBSD01

Tot Ion: 63 Resp: 115998

Ion Ratio Lower Upper

63 100

65 27.9 25.8 38.8



#46

Dibromomethane

Concen: 18.586 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

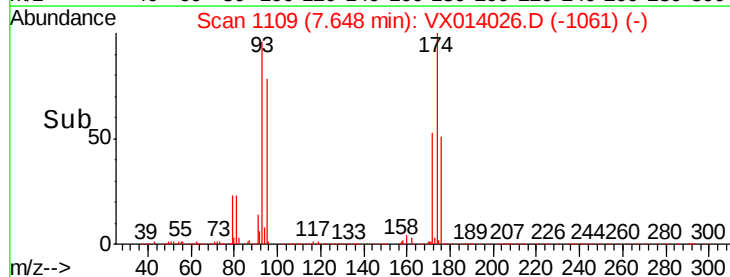
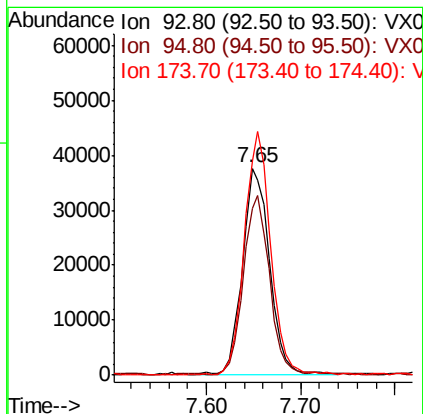
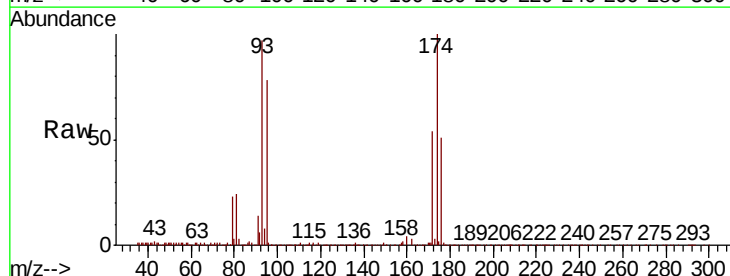
Tgt Ion: 93 Resp: 75917

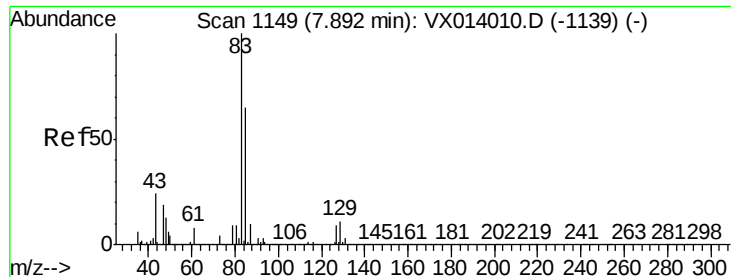
Ion Ratio Lower Upper

93 100

95 82.6 67.3 100.9

174 114.3 91.6 137.4





#47

Bromodichloromethane

Concen: 18.945 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD01

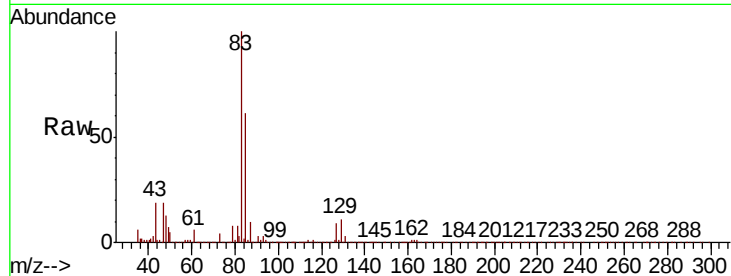
Tot Ion: 83 Resp: 145737

Ion Ratio Lower Upper

83 100

85 60.7 51.8 77.8

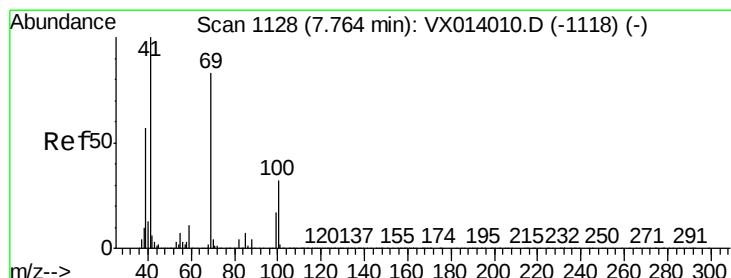
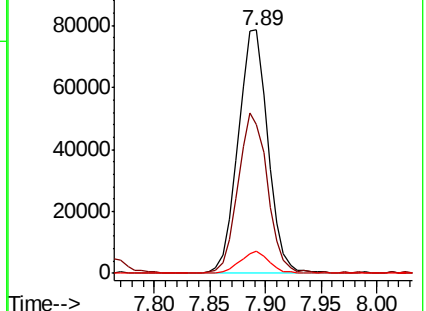
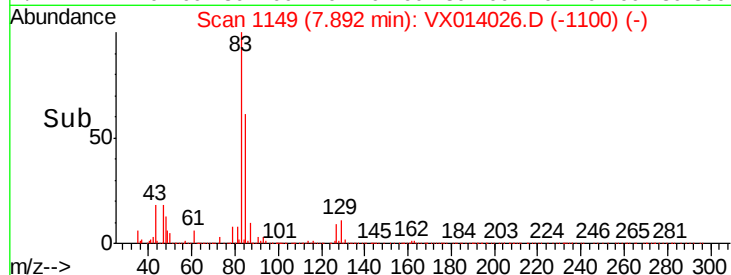
127 8.7 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.393 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

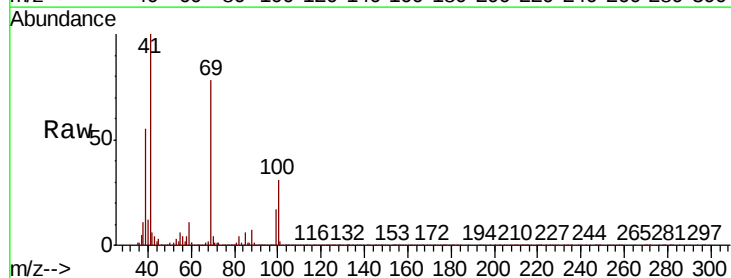
Tgt Ion: 41 Resp: 135957

Ion Ratio Lower Upper

41 100

69 79.7 65.8 98.6

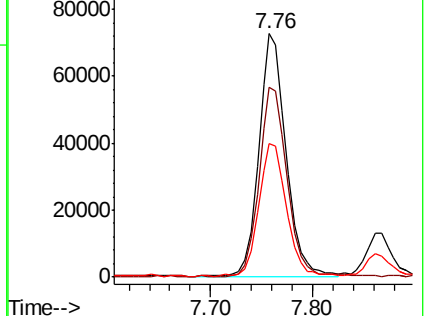
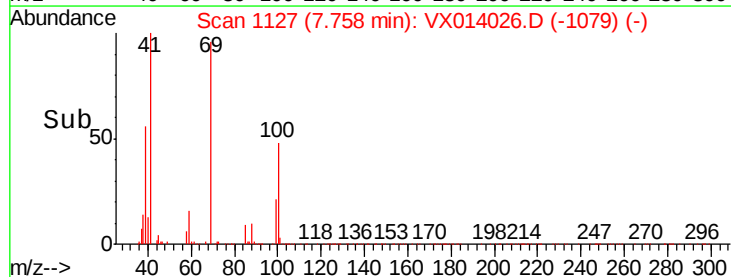
39 56.5 44.6 67.0

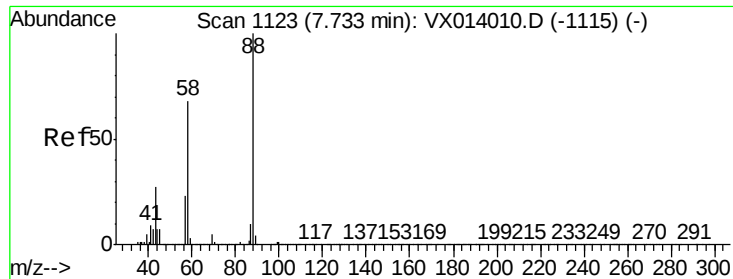


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

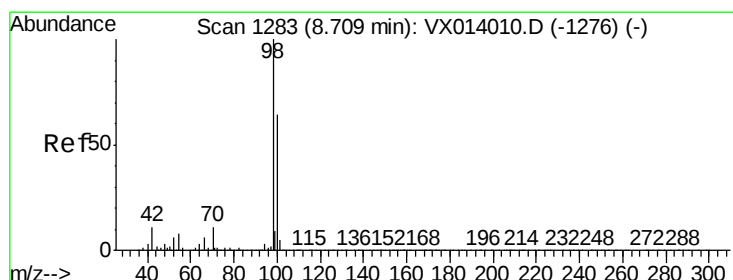
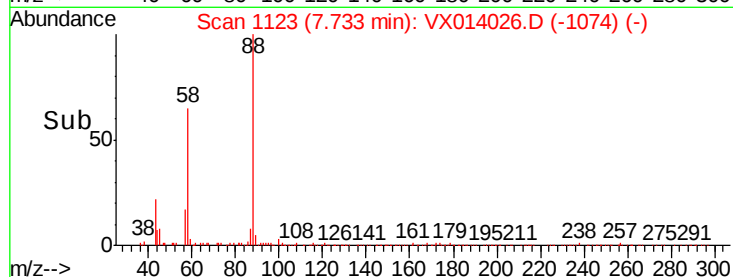
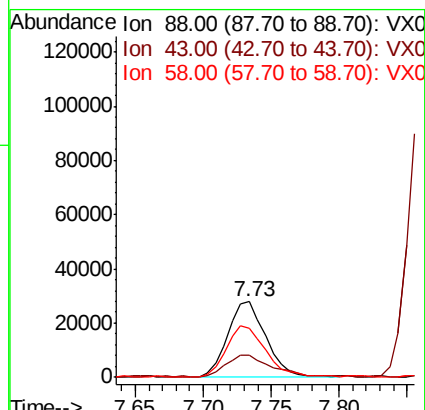
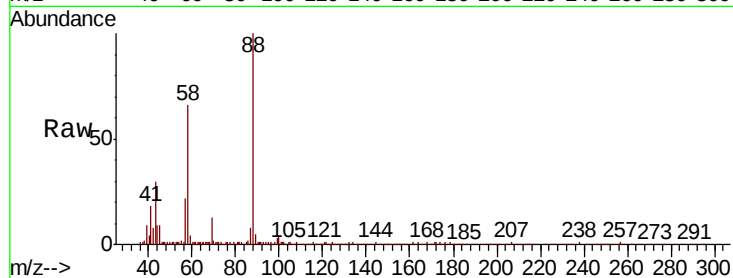




#49
1,4-Dioxane
Concen: 380.071 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

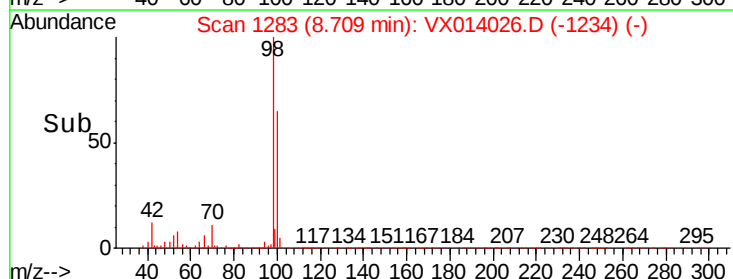
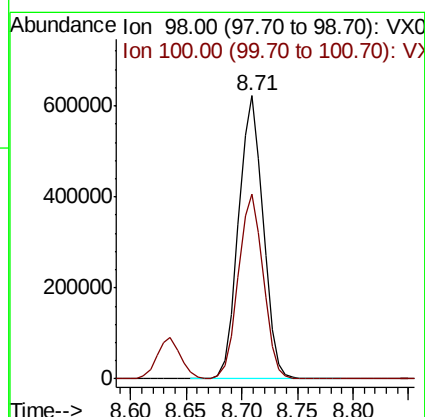
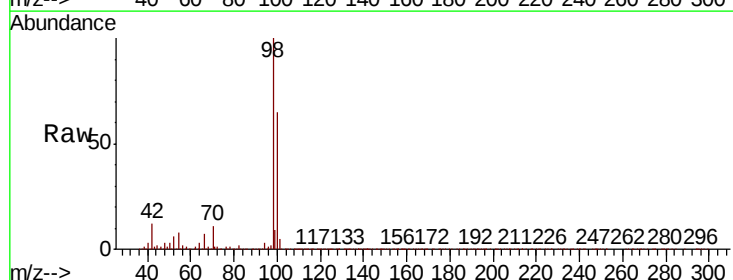
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

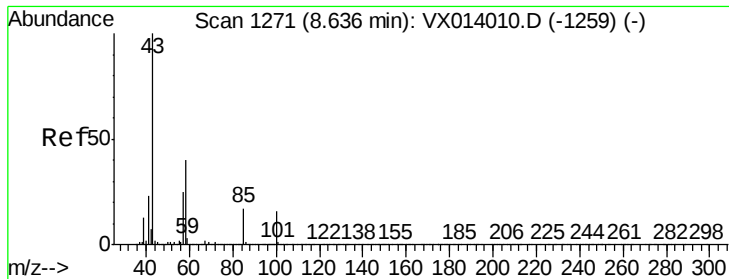
Tot Ion: 88 Resp: 54223
Ion Ratio Lower Upper
88 100
43 34.3 26.5 39.7
58 72.6 56.8 85.2



#50
Toluene-d8
Concen: 47.089 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Tgt Ion: 98 Resp: 951476
Ion Ratio Lower Upper
98 100
100 65.9 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 94.955 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

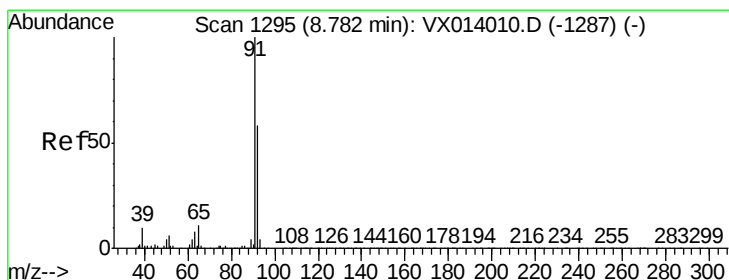
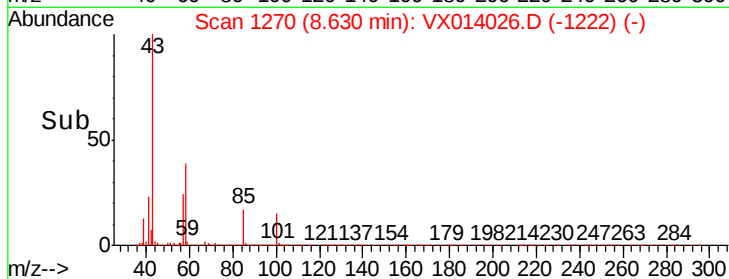
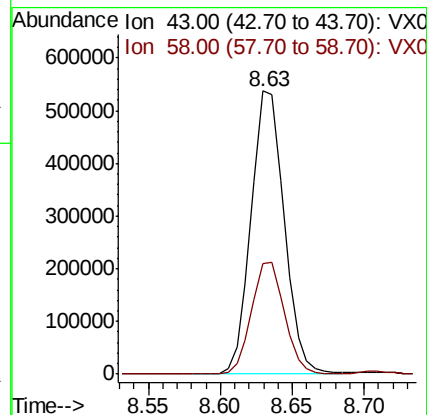
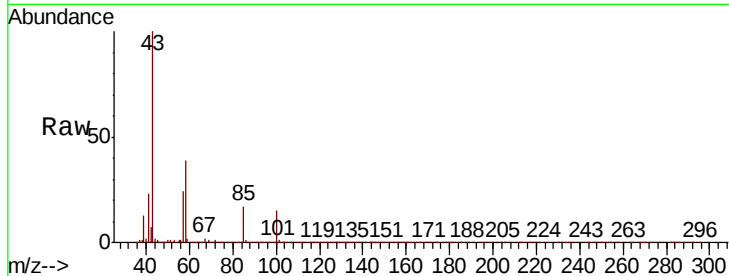
VX1216WBSD01

Tot Ion: 43 Resp: 853751

Ion Ratio Lower Upper

43 100

58 39.5 32.2 48.2



#52

Toluene

Concen: 18.254 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014026.D

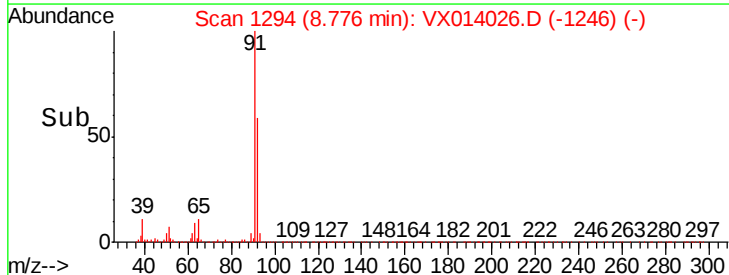
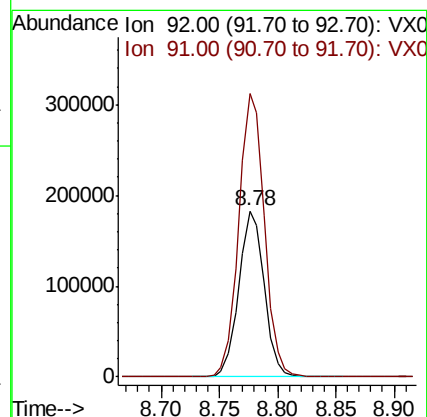
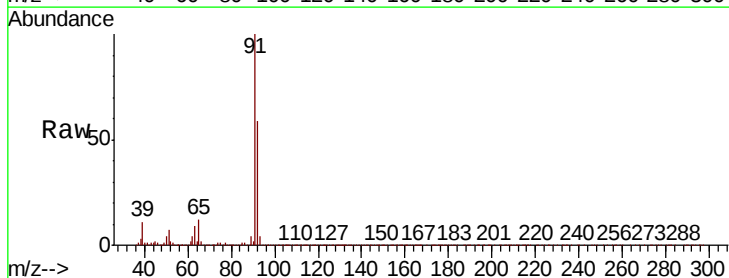
Acq: 16 Dec 2019 11:44

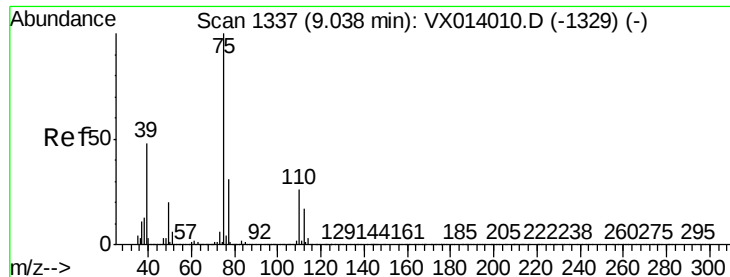
Tgt Ion: 92 Resp: 278108

Ion Ratio Lower Upper

92 100

91 172.0 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 18.825 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

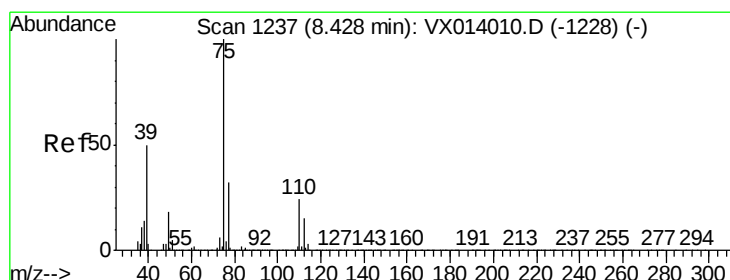
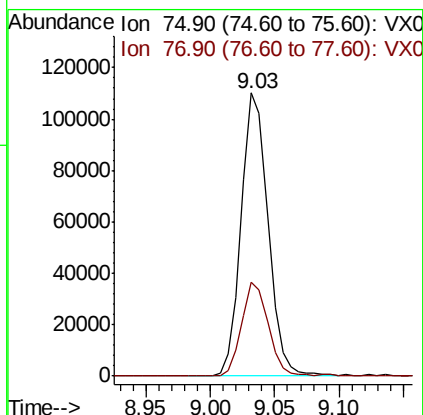
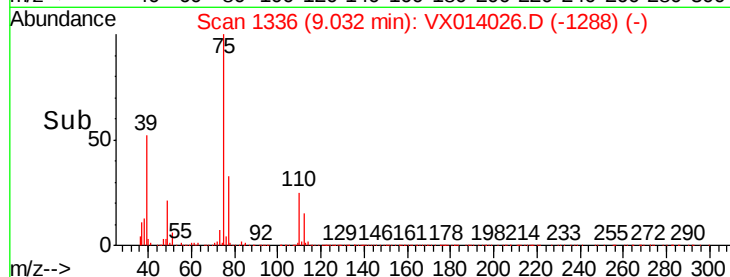
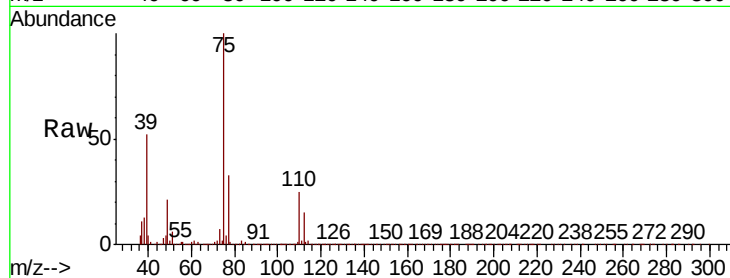
VX1216WBSD01

Tot Ion: 75 Resp: 158791

Ion Ratio Lower Upper

75 100

77 32.9 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 19.362 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

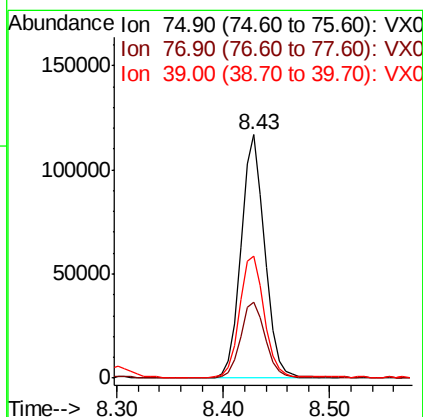
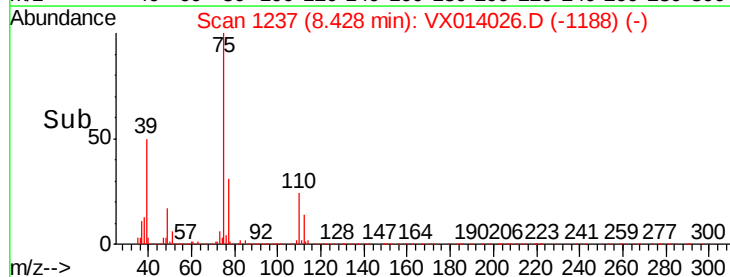
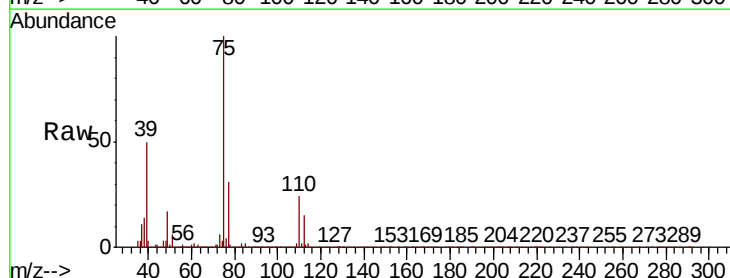
Tgt Ion: 75 Resp: 181955

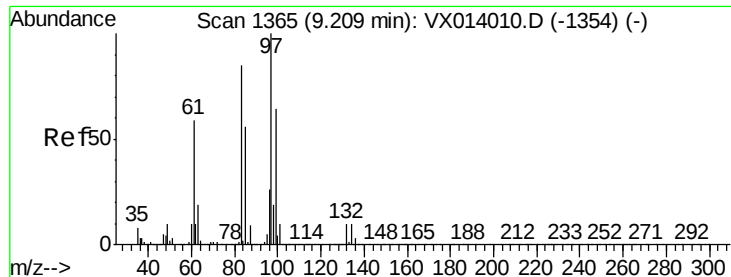
Ion Ratio Lower Upper

75 100

77 31.4 25.3 37.9

39 49.9 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 18.732 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD01

Tot Ion: 97 Resp: 114381

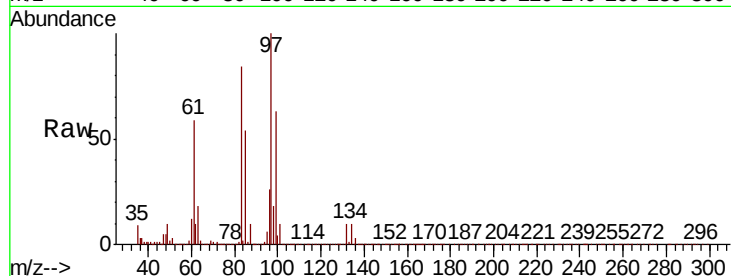
Ion Ratio Lower Upper

97 100

83 83.8 68.2 102.4

85 53.8 44.6 66.8

99 62.3 51.4 77.0

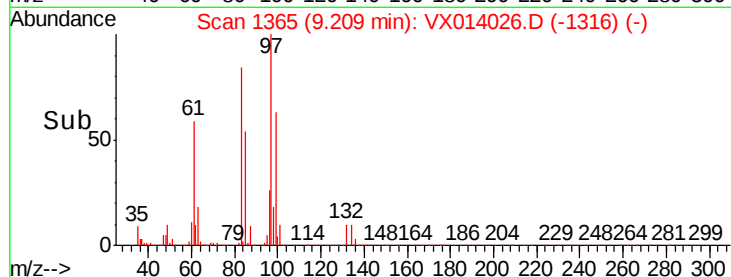


Abundance Ion 96.90 (96.60 to 97.60): VX0

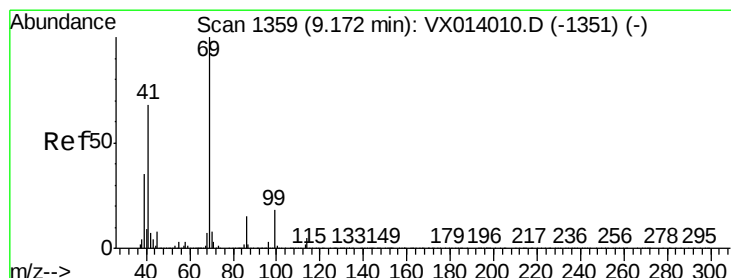
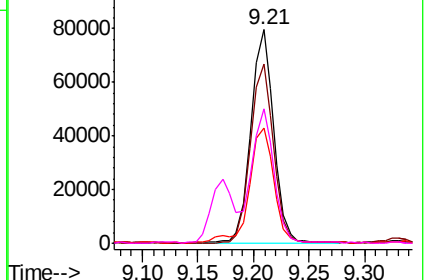
Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



Time-->



#56

Ethyl methacrylate

Concen: 18.892 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

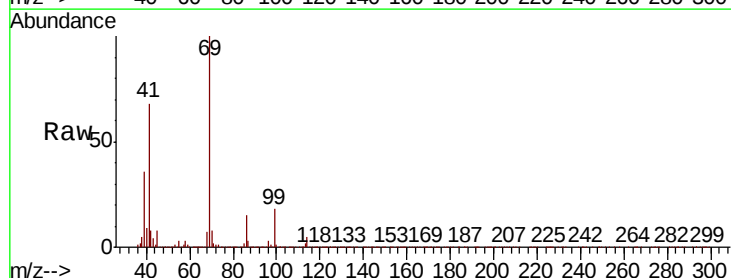
Tgt Ion: 69 Resp: 181208

Ion Ratio Lower Upper

69 100

41 69.0 54.8 82.2

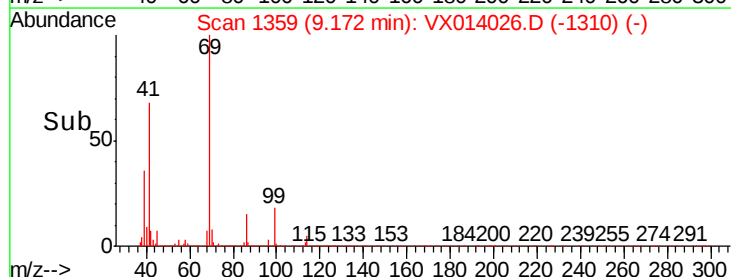
39 36.5 28.3 42.5



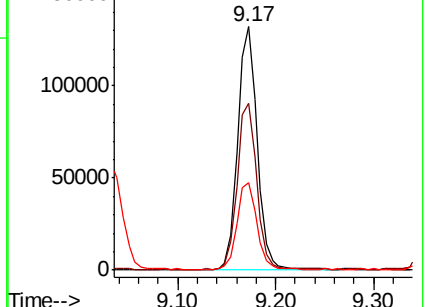
Abundance Ion 69.00 (68.70 to 69.70): VX0

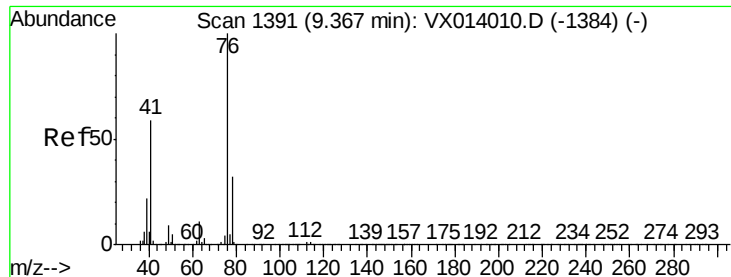
Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



Time-->





#57

1,3-Dichloropropane

Concen: 19.114 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

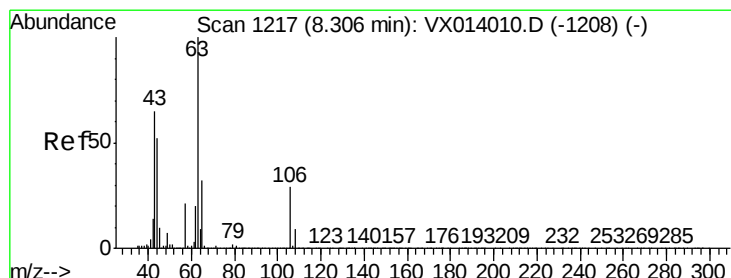
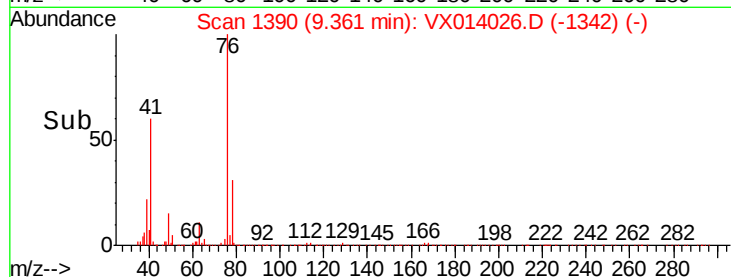
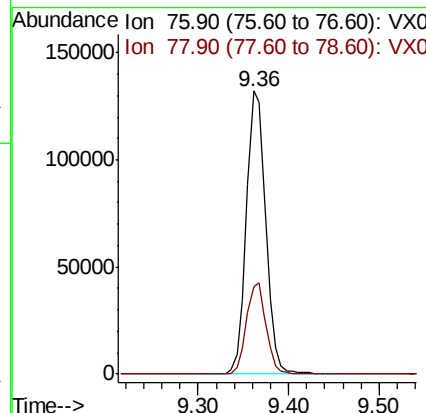
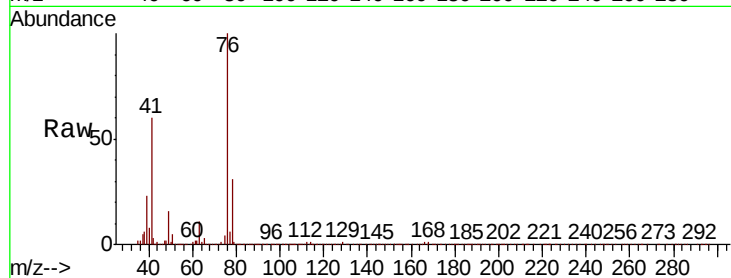
VX1216WBSD01

Tot Ion: 76 Resp: 196366

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 100.729 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014026.D

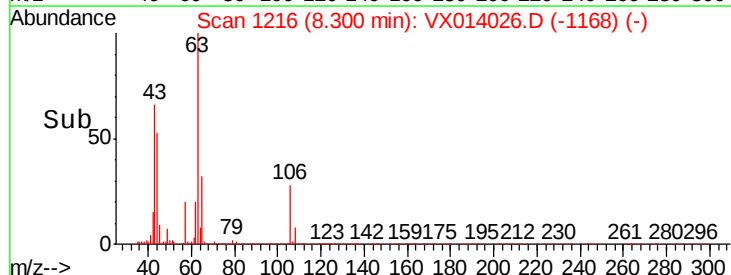
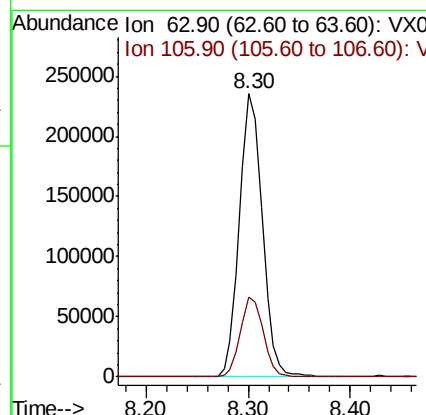
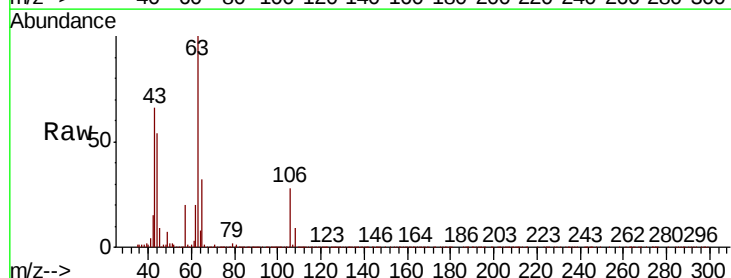
Acq: 16 Dec 2019 11:44

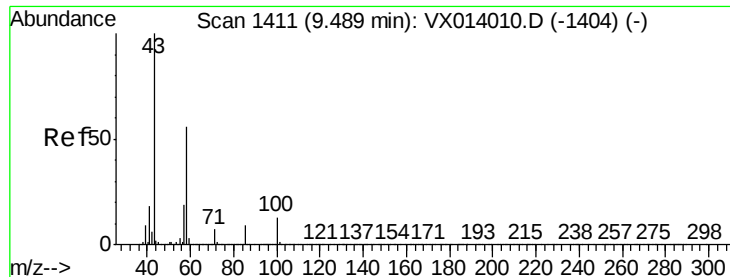
Tgt Ion: 63 Resp: 365633

Ion Ratio Lower Upper

63 100

106 28.1 23.0 34.6

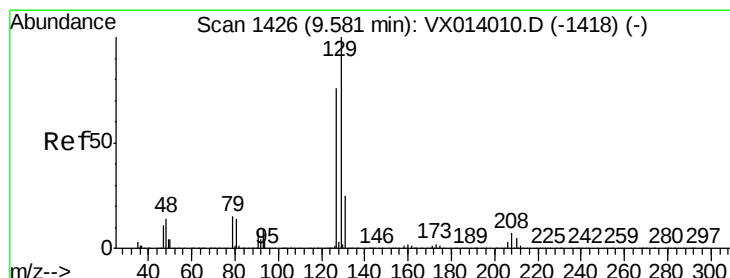
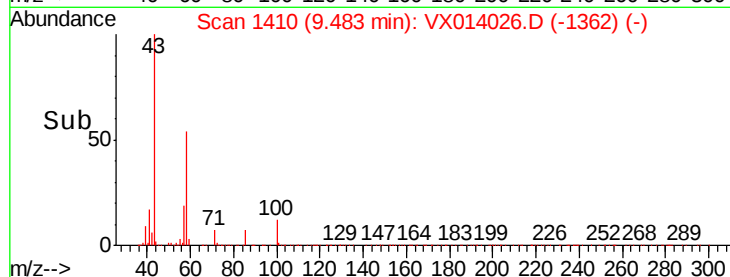
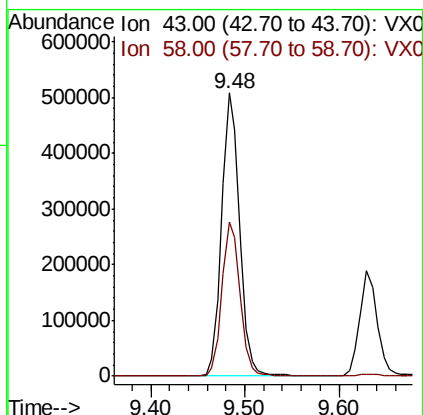
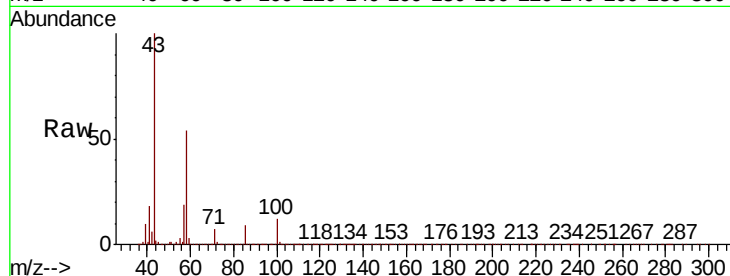




#59
2-Hexanone
Concen: 93.081 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

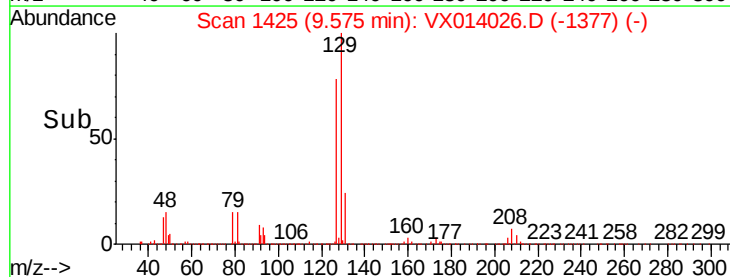
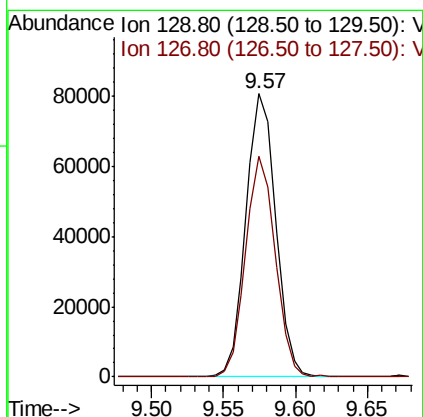
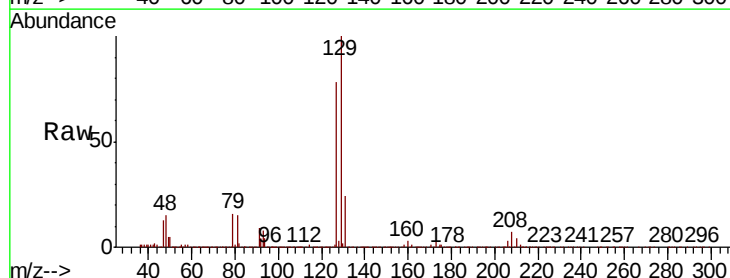
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

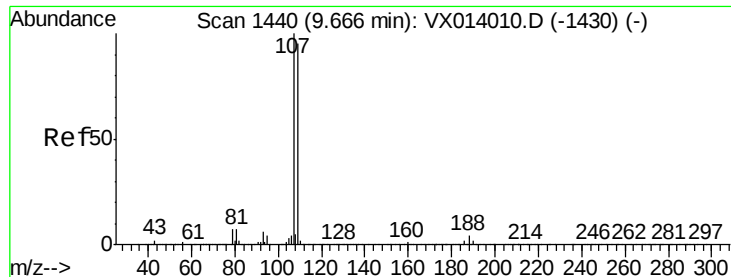
Tot Ion: 43 Resp: 673714
Ion Ratio Lower Upper
43 100
58 55.0 28.0 84.0



#60
Dibromochloromethane
Concen: 19.150 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Tgt Ion: 129 Resp: 116230
Ion Ratio Lower Upper
129 100
127 77.5 38.4 115.2





#61

1,2-Dibromoethane

Concen: 18.826 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

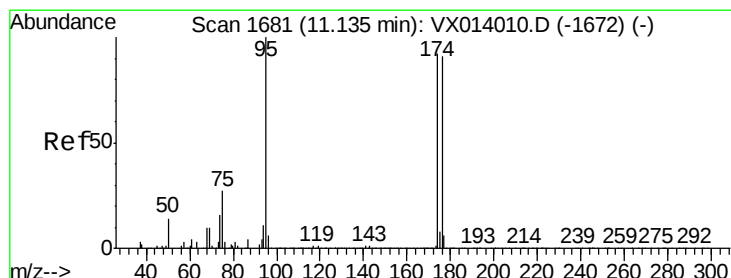
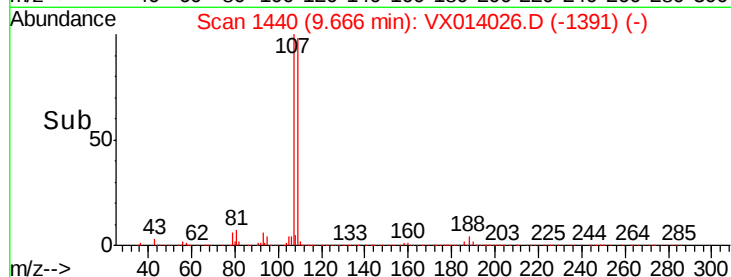
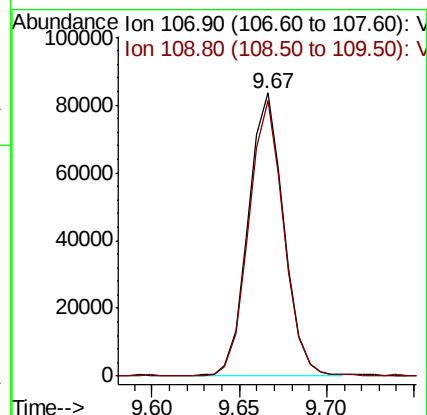
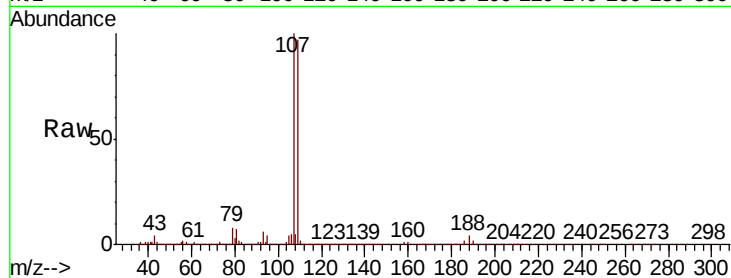
VX1216WBSD01

Tot Ion:107 Resp: 117618

Ion Ratio Lower Upper

107 100

109 96.7 75.7 113.5



#62

4-Bromofluorobenzene

Concen: 45.313 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

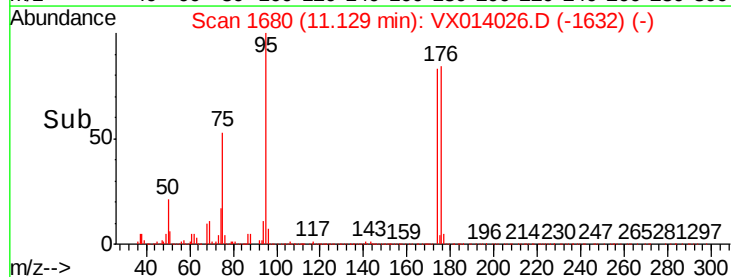
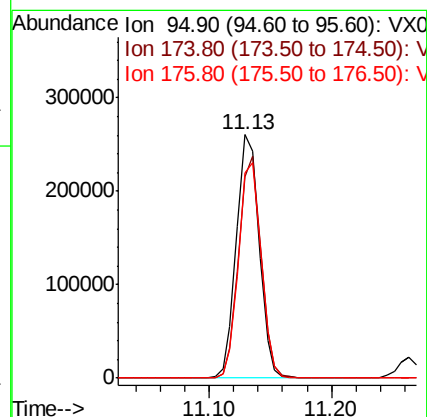
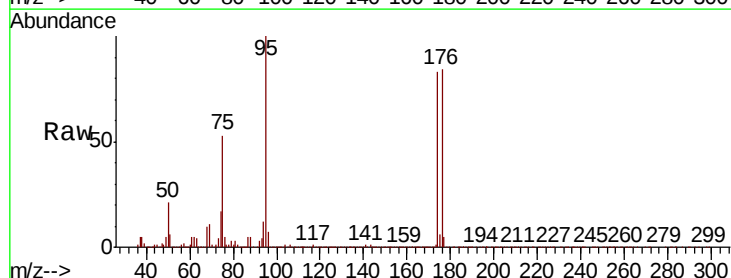
Tgt Ion: 95 Resp: 334694

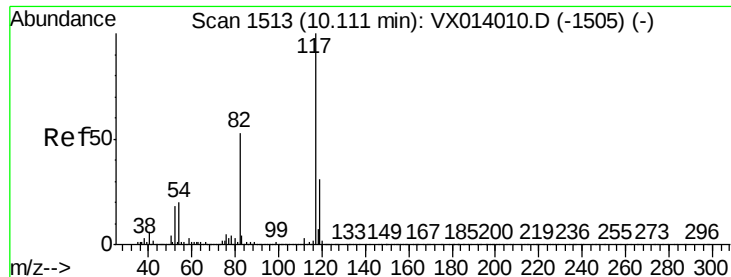
Ion Ratio Lower Upper

95 100

174 89.1 0.0 175.8

176 88.3 0.0 173.0

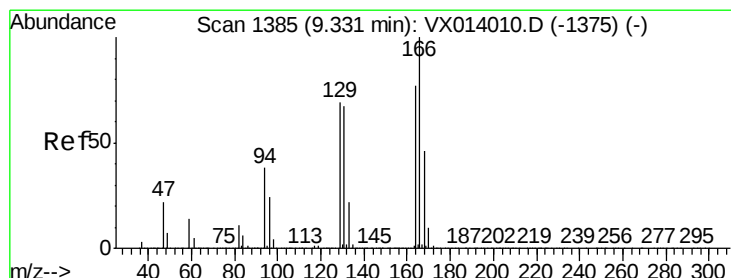
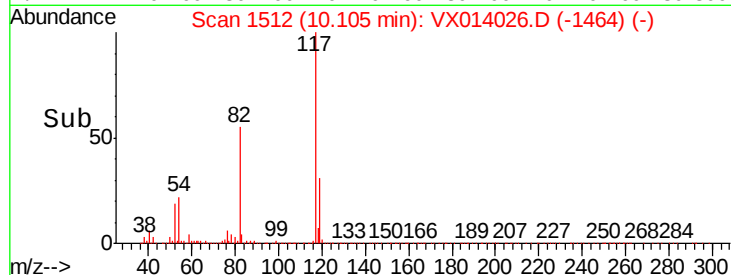
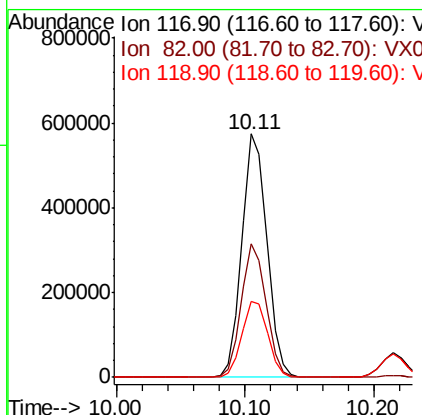
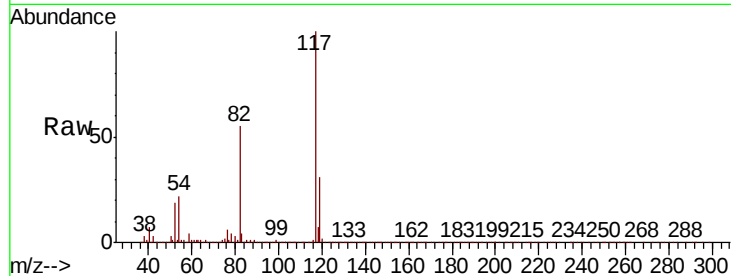




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

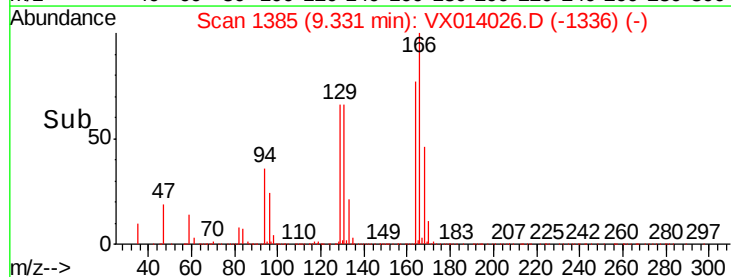
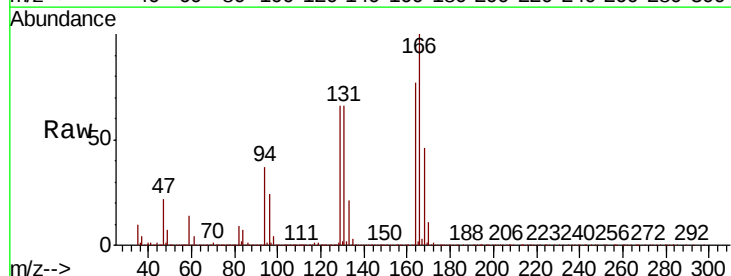
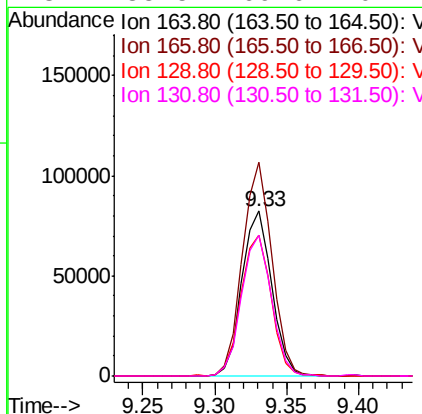
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

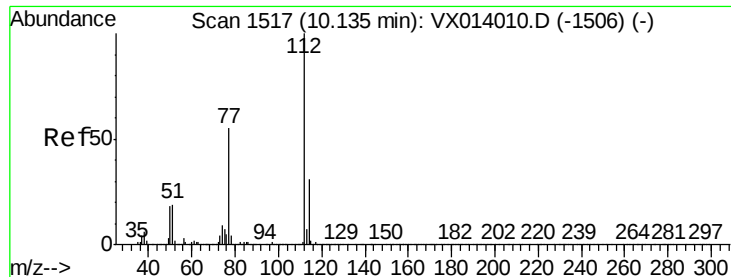
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	42.2	63.4
119	31.1	25.1	37.7



#64
Tetrachloroethene
Concen: 17.286 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.5	104.0	156.0
129	85.2	72.2	108.4
131	85.5	69.6	104.4





#65

Chlorobenzene

Concen: 18.021 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

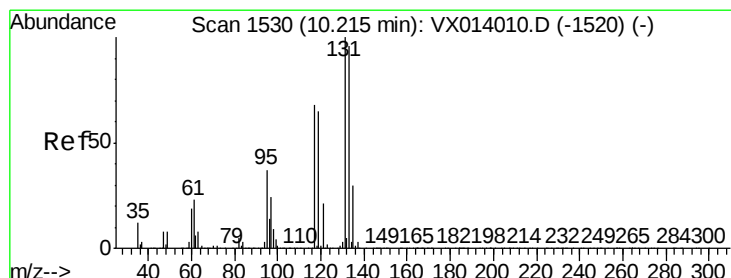
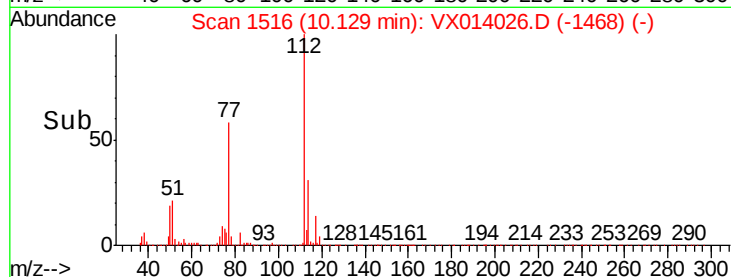
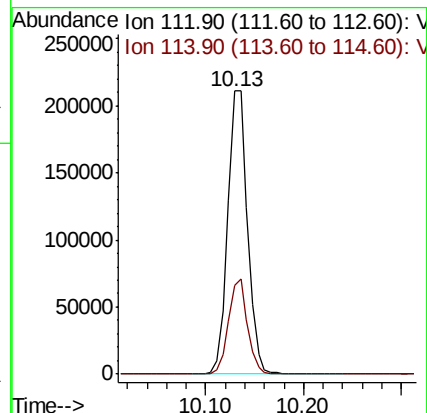
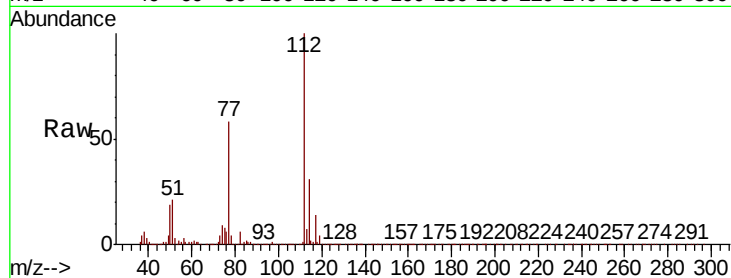
VX1216WBSD01

Tot Ion:112 Resp: 295934

Ion Ratio Lower Upper

112 100

114 31.2 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 18.896 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

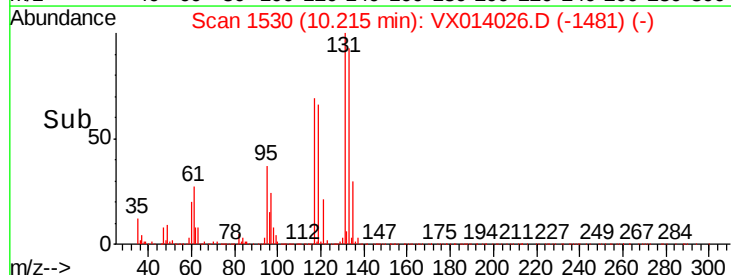
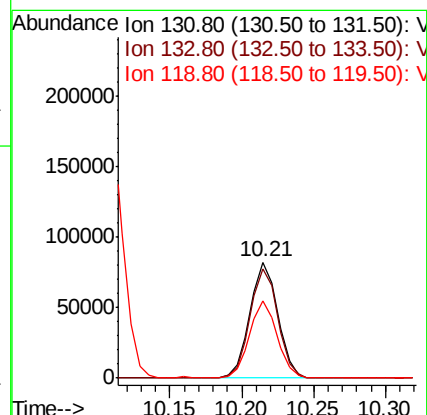
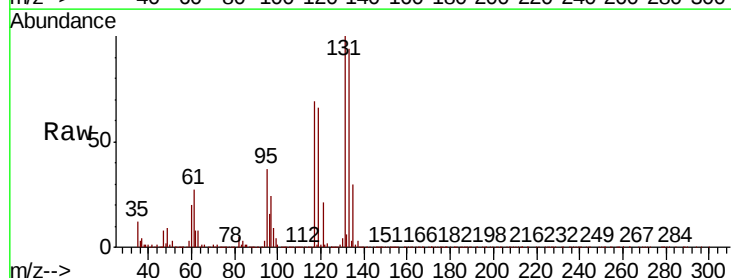
Tgt Ion:131 Resp: 110794

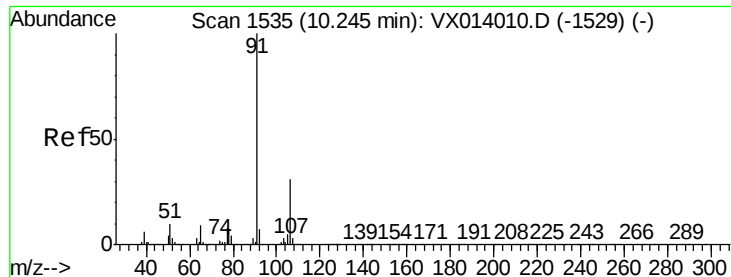
Ion Ratio Lower Upper

131 100

133 93.2 48.0 144.0

119 65.0 33.4 100.2

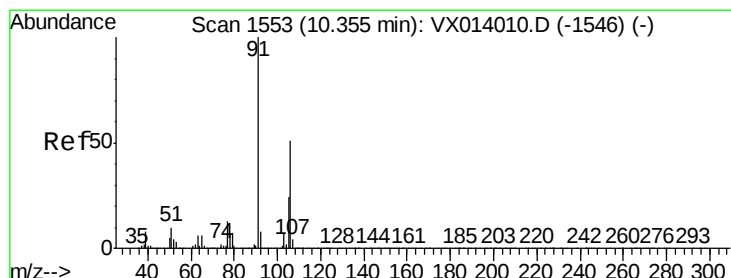
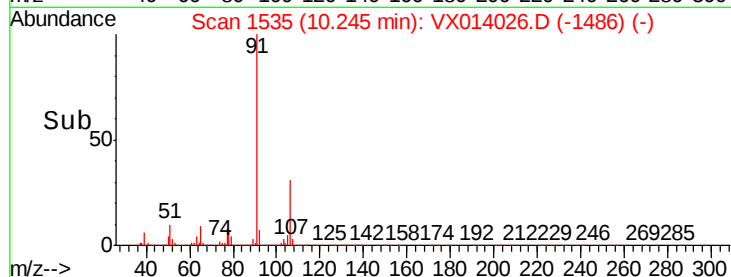
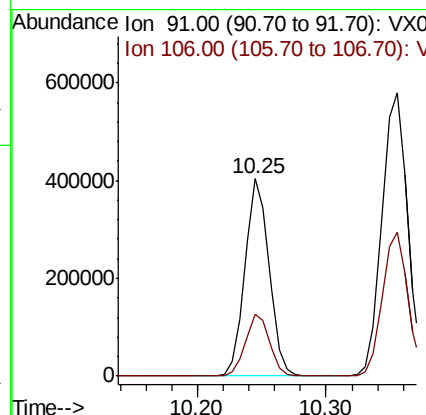
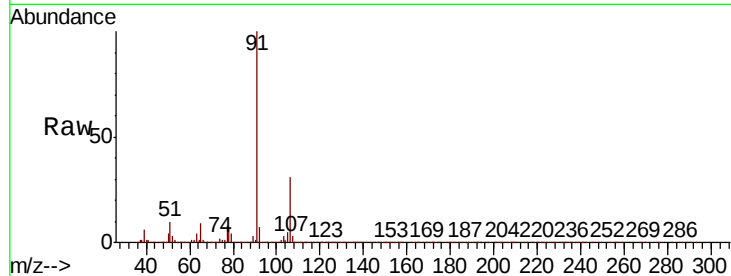




#67
Ethyl Benzene
Concen: 18.478 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

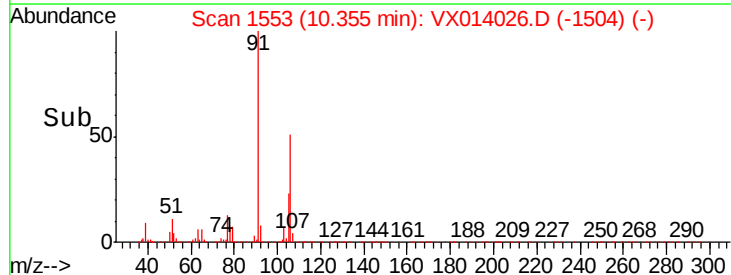
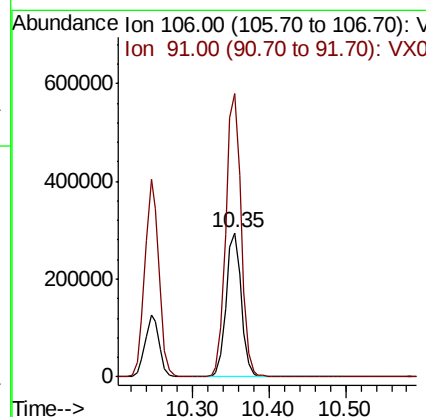
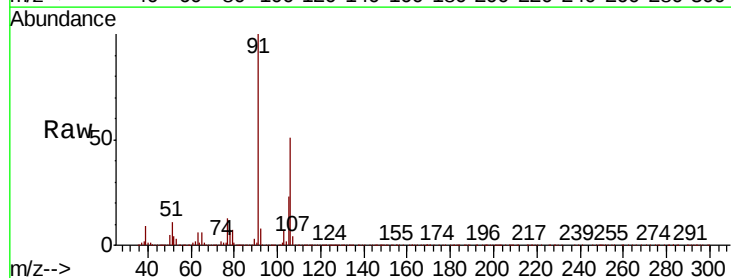
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

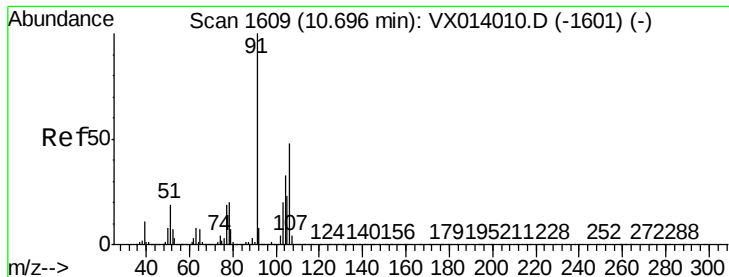
Tot Ion: 91 Resp: 521687
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6



#68
m/p-Xylenes
Concen: 37.000 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Tgt Ion: 106 Resp: 401772
Ion Ratio Lower Upper
106 100
91 197.6 158.6 238.0

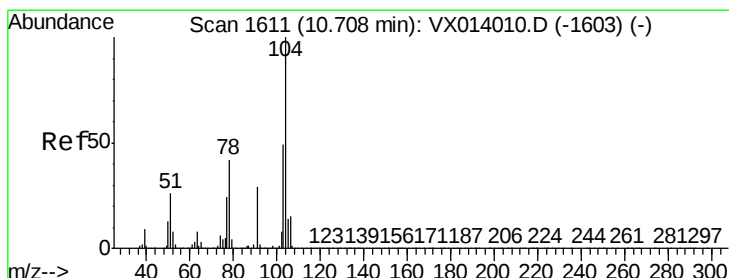
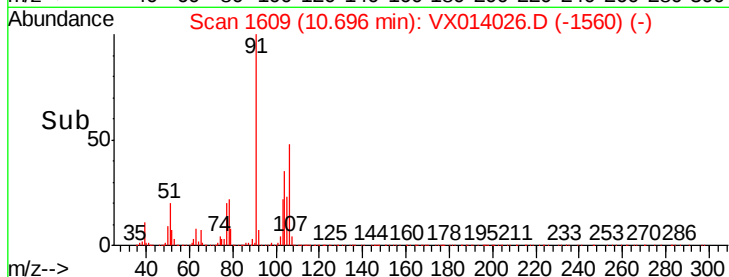
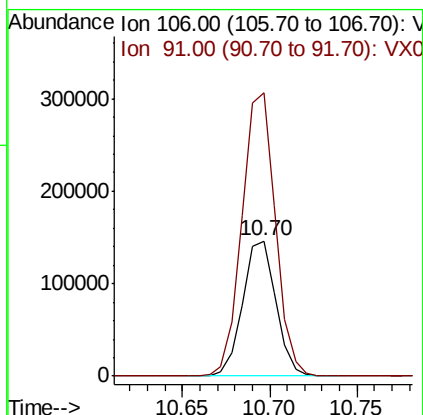
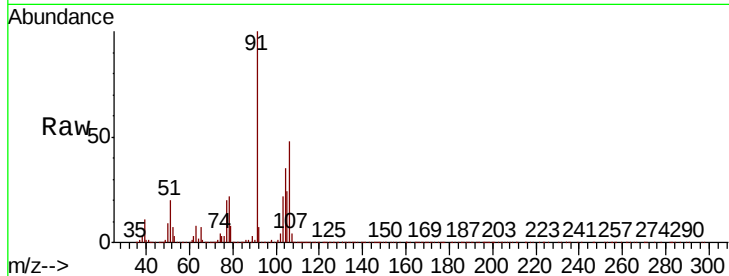




#69
o-Xylene
Concen: 18.169 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

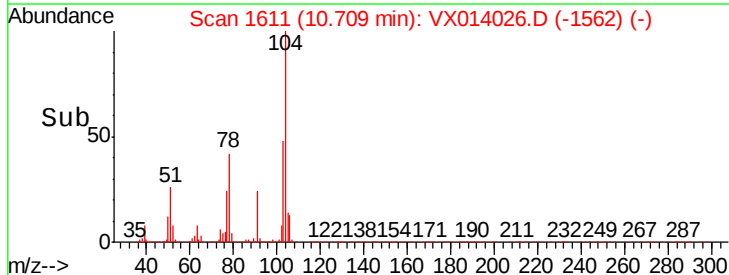
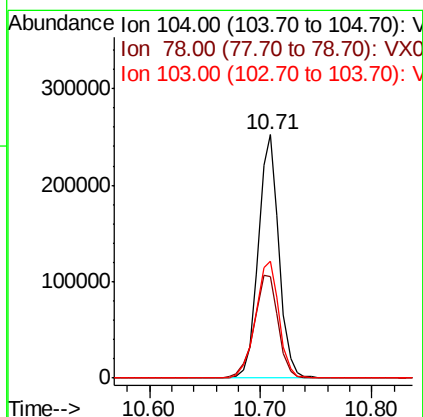
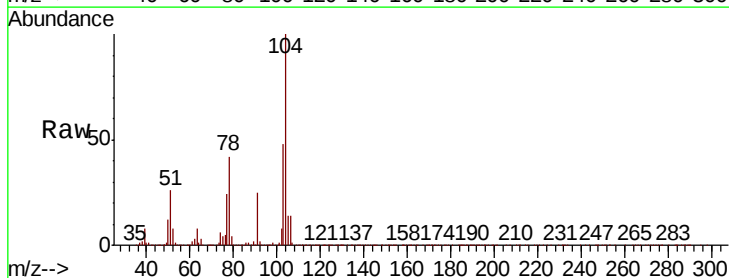
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

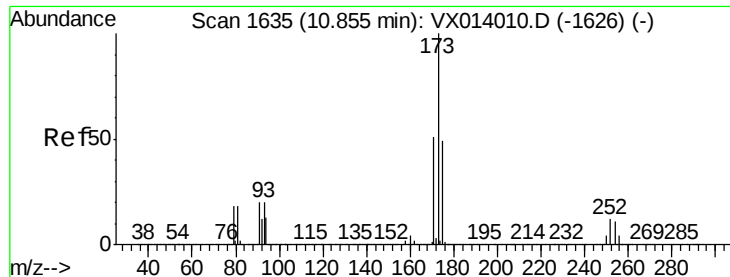
Tot Ion:106 Resp: 193492
Ion Ratio Lower Upper
106 100
91 210.2 104.2 312.6



#70
Styrene
Concen: 18.076 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Tgt Ion:104 Resp: 325520
Ion Ratio Lower Upper
104 100
78 49.0 38.5 57.7
103 54.7 42.9 64.3





#71

Bromoform

Concen: 18.267 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD01

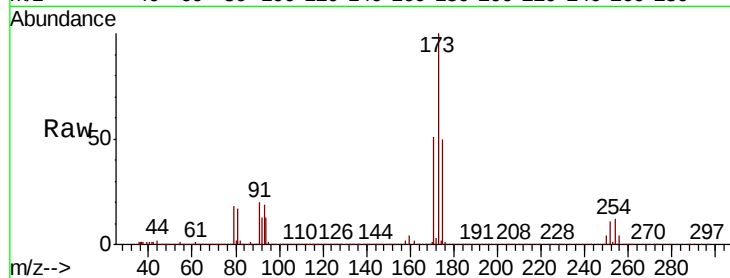
Tot Ion:173 Resp: 86099

Ion Ratio Lower Upper

173 100

175 50.8 24.4 73.4

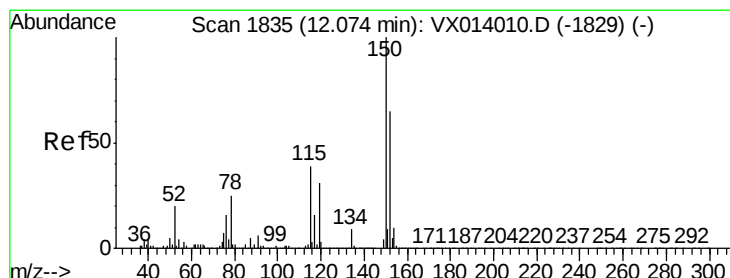
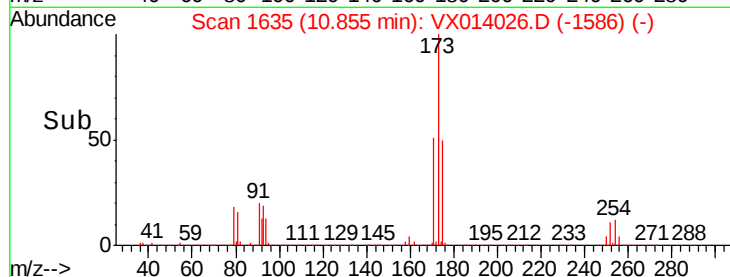
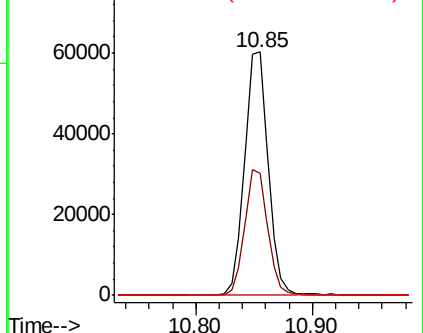
254 0.3 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

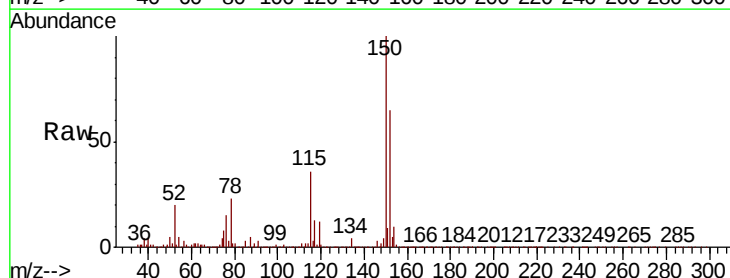
Tgt Ion:152 Resp: 380675

Ion Ratio Lower Upper

152 100

115 64.3 38.3 114.9

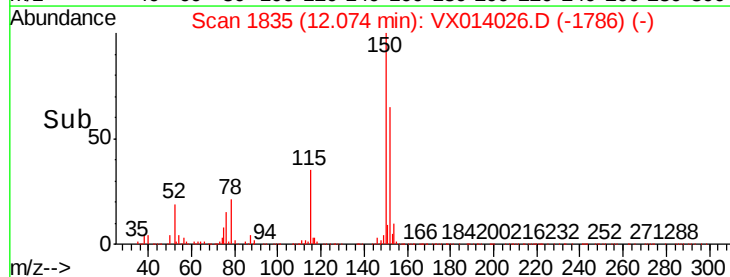
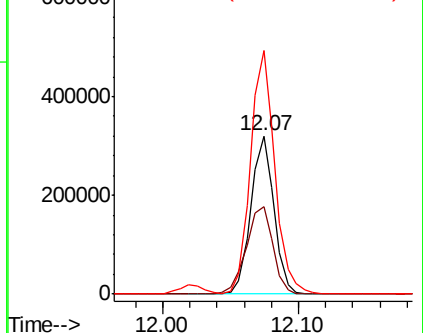
150 161.6 0.0 345.4

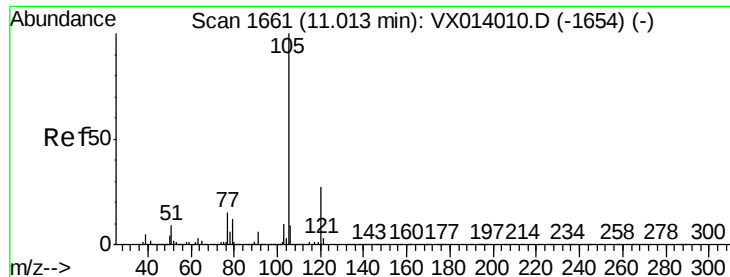


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.003 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

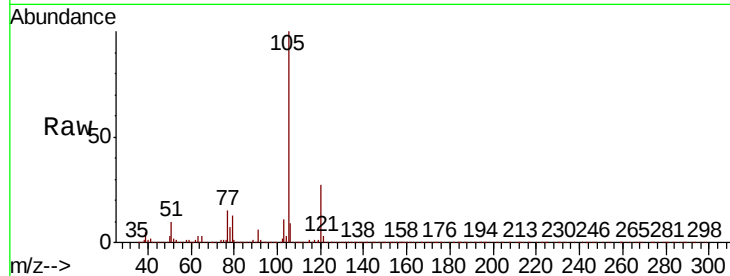
VX1216WBSD01

Tot Ion:105 Resp: 509333

Ion Ratio Lower Upper

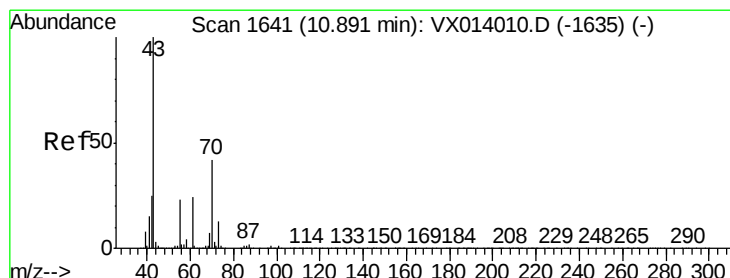
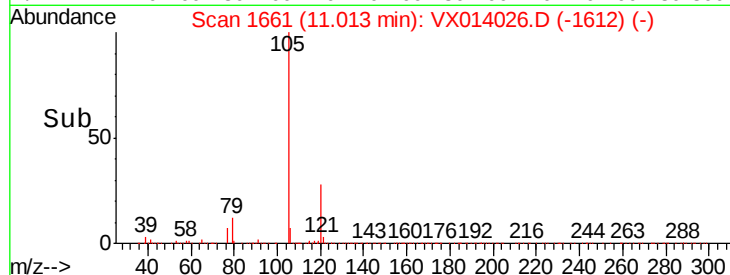
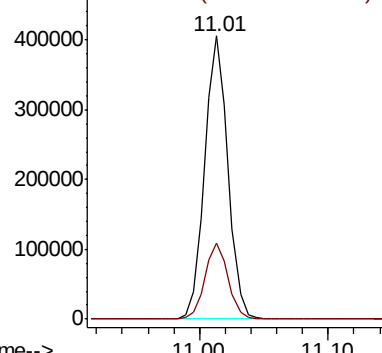
105 100

120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.860 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Tgt Ion: 43 Resp: 236944

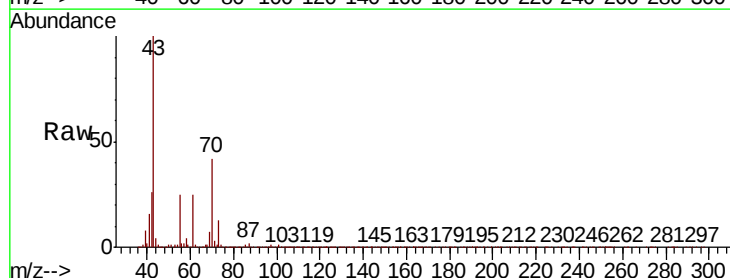
Ion Ratio Lower Upper

43 100

70 41.8 34.4 51.6

55 24.4 19.1 28.7

61 24.5 19.7 29.5

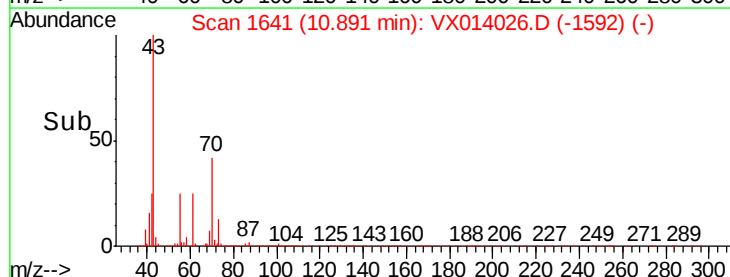
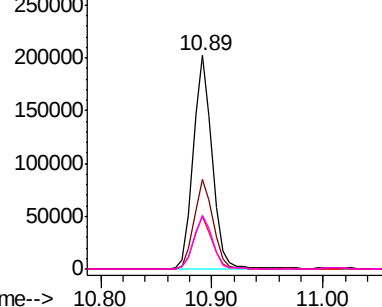


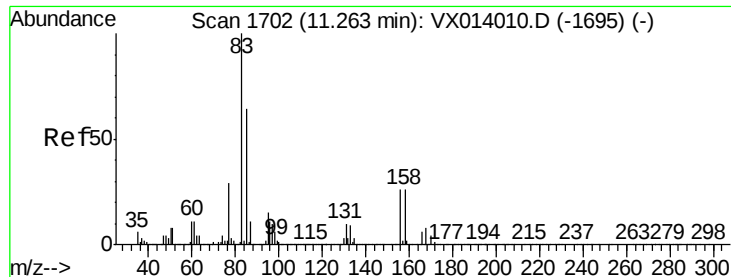
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.946 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD01

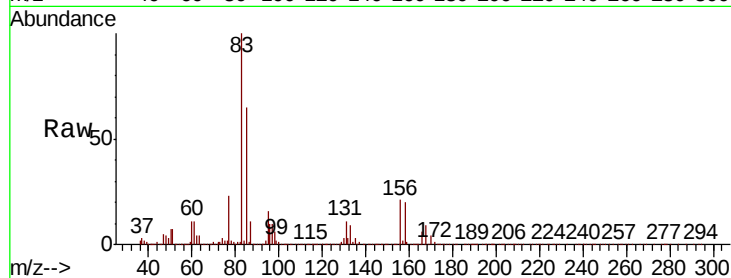
Tot Ion: 83 Resp: 176047

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.2

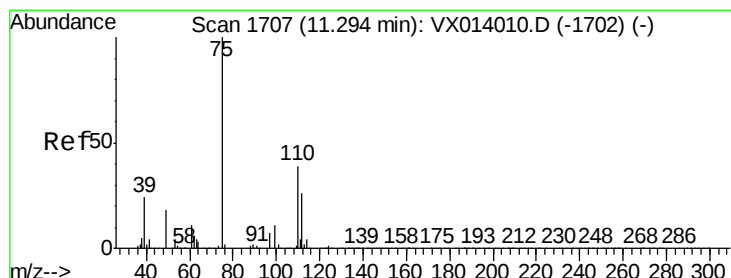
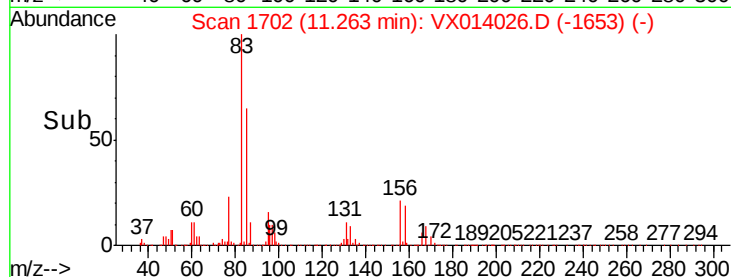
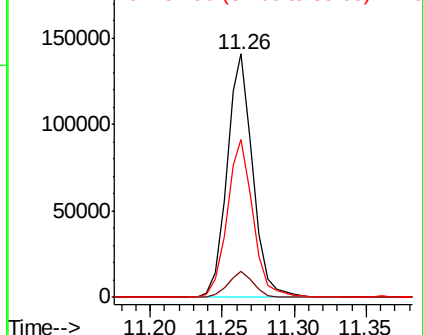
85 65.5 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.940 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014026.D

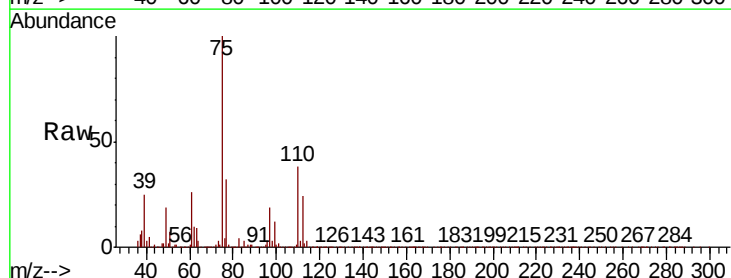
Acq: 16 Dec 2019 11:44

Tgt Ion: 75 Resp: 197852

Ion Ratio Lower Upper

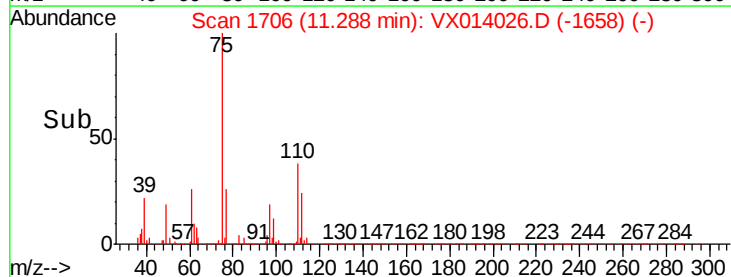
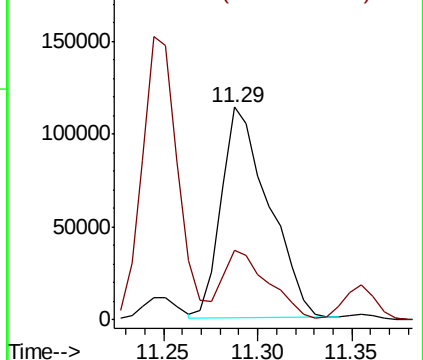
75 100

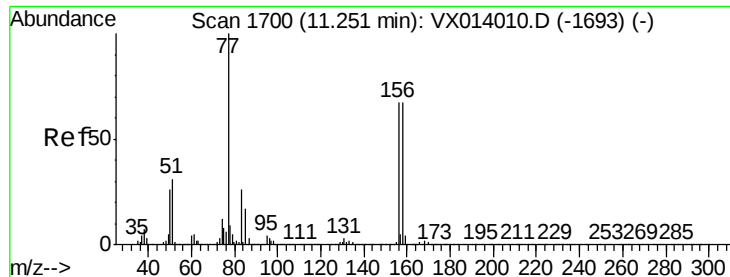
77 31.1 19.3 57.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.924 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD01

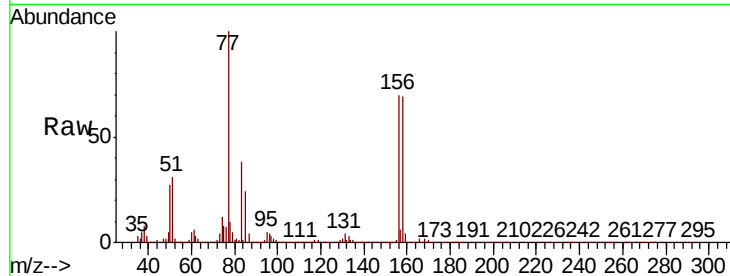
Tot Ion:156 Resp: 132174

Ion Ratio Lower Upper

156 100

77 154.6 76.5 229.5

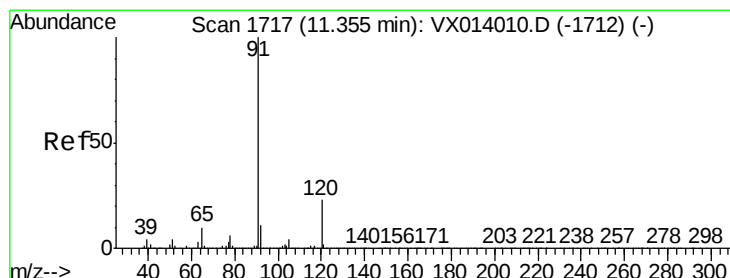
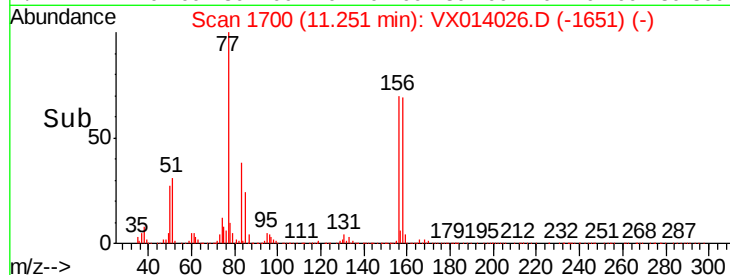
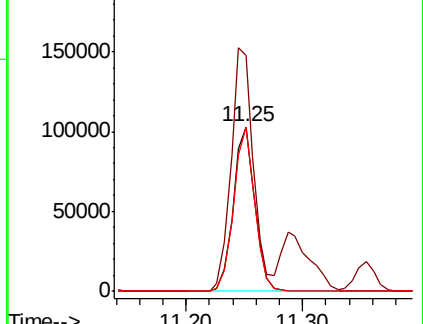
158 98.1 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.149 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014026.D

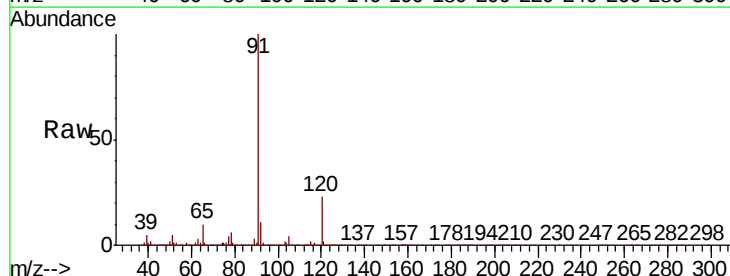
Acq: 16 Dec 2019 11:44

Tgt Ion: 91 Resp: 575697

Ion Ratio Lower Upper

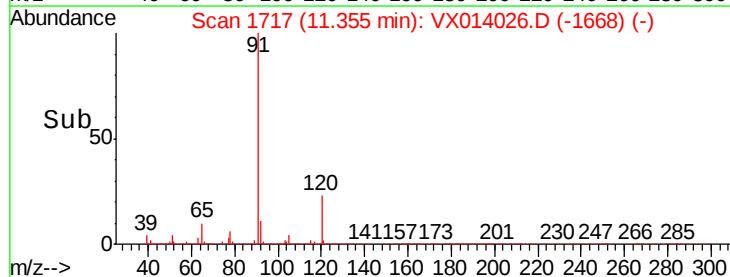
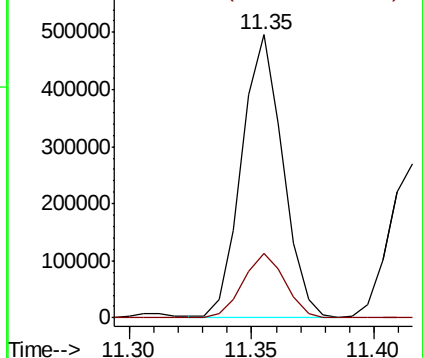
91 100

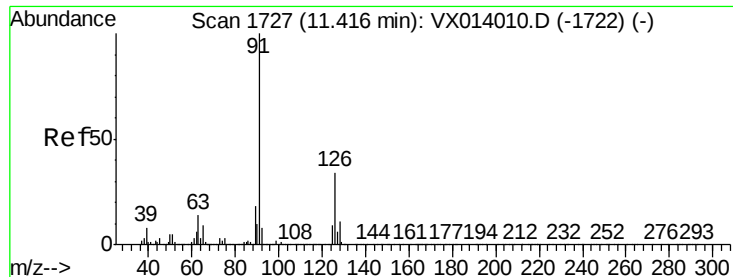
120 23.2 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

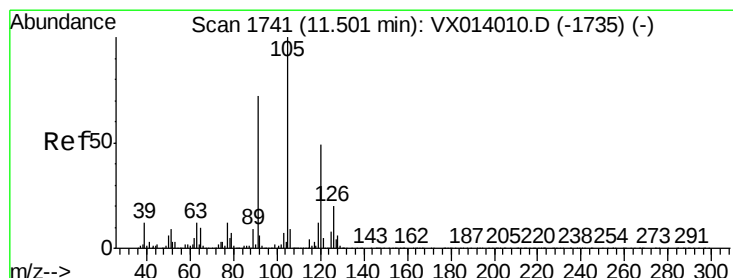
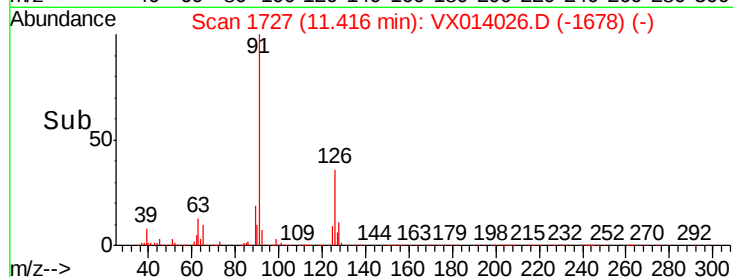
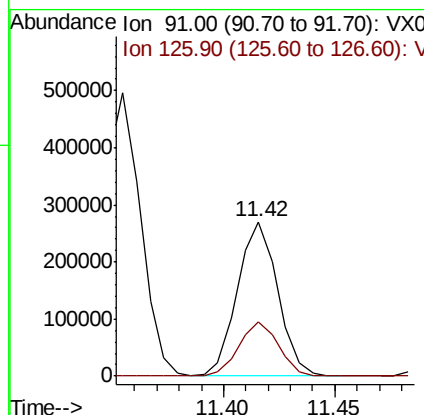
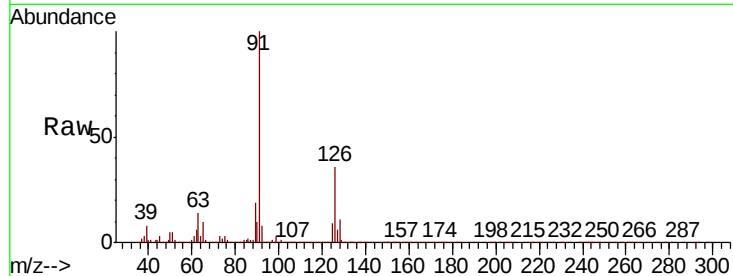




#79
 2-Chlorotoluene
 Concen: 18.613 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014026.D
 Acq: 16 Dec 2019 11:44

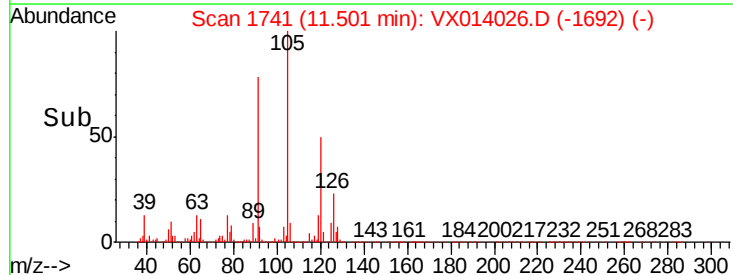
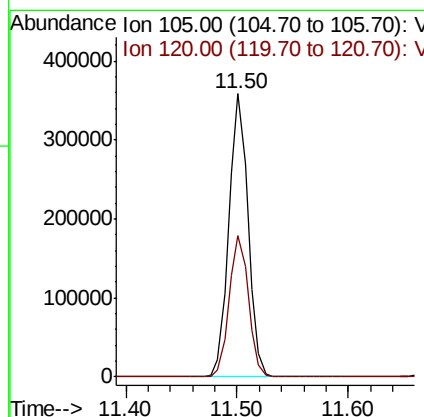
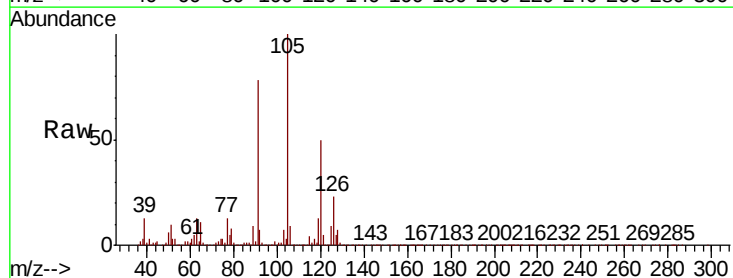
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBSD01

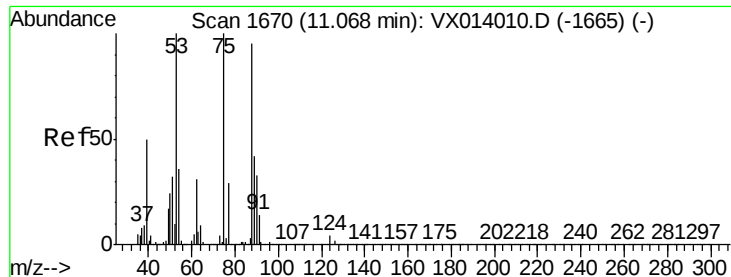
Tot Ion: 91 Resp: 340152
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.2 51.6



#80
 1,3,5-Trimethylbenzene
 Concen: 18.904 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014026.D
 Acq: 16 Dec 2019 11:44

Tgt Ion: 105 Resp: 426409
 Ion Ratio Lower Upper
 105 100
 120 50.1 25.3 75.8

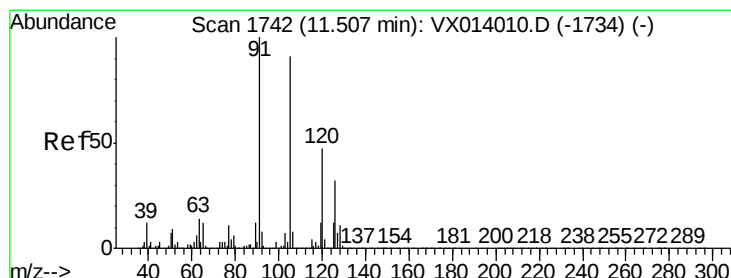
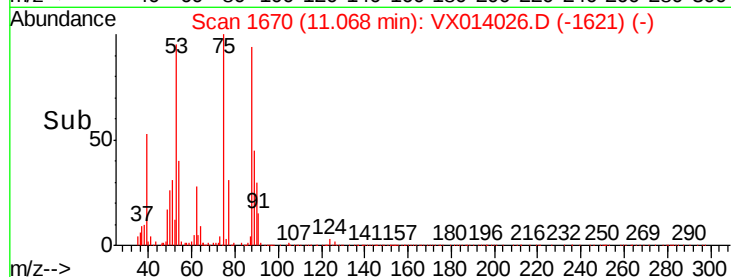
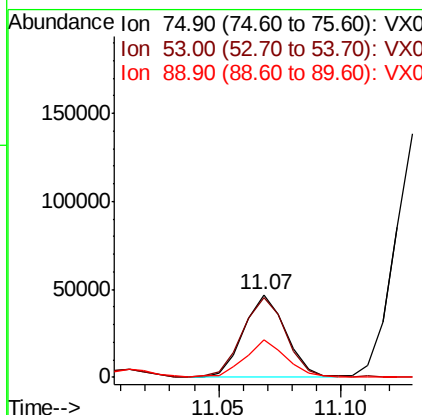
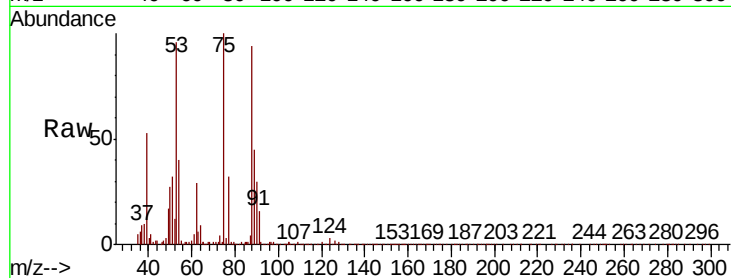




#81
trans-1,4-Dichloro-2-butene
Concen: 18.798 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

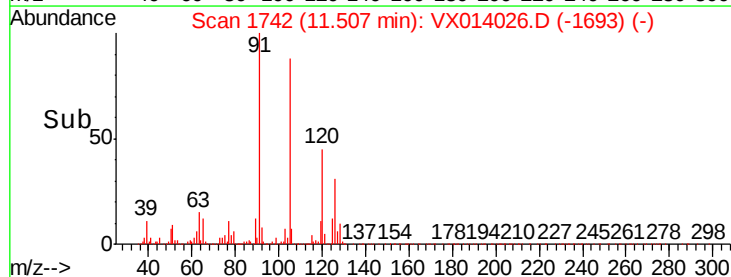
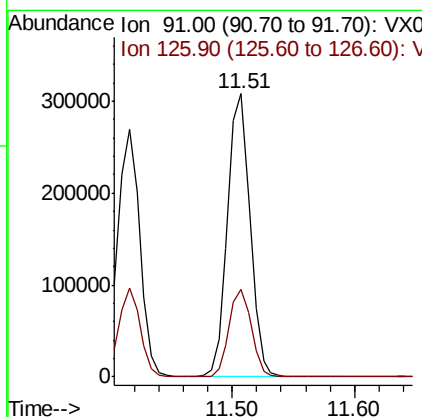
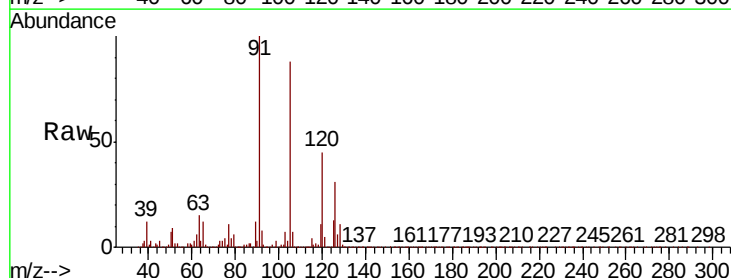
Instrument :
MSVOA_X
ClientSampled :
VX1216WBSD01

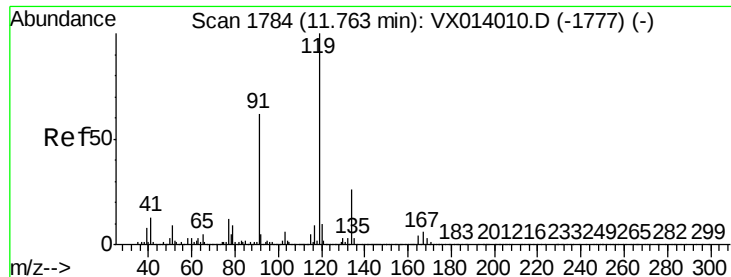
Tot Ion: 75 Resp: 55042
Ion Ratio Lower Upper
75 100
53 101.4 76.7 115.1
89 46.0 34.6 51.8



#82
4-Chlorotoluene
Concen: 18.494 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Tgt Ion: 91 Resp: 392040
Ion Ratio Lower Upper
91 100
126 30.6 15.6 46.8

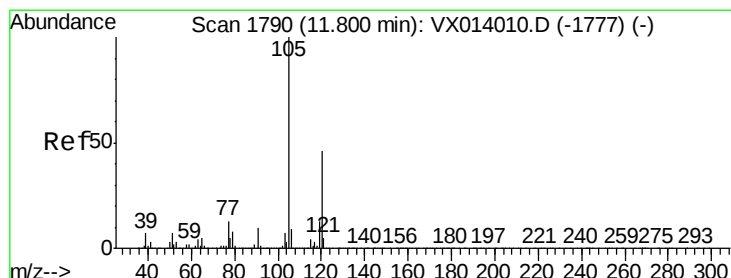
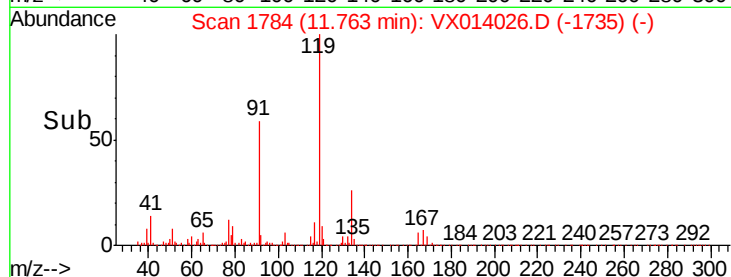
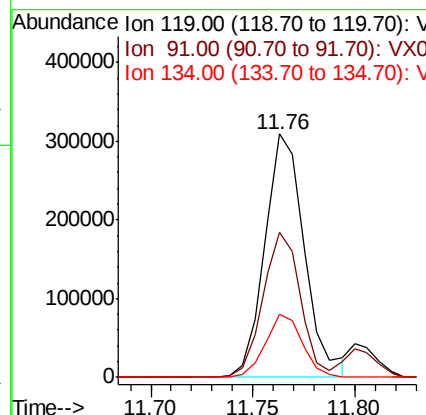
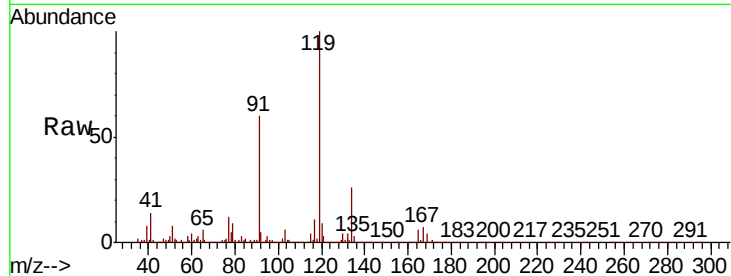




#83
tert-Butylbenzene
Concen: 19.115 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

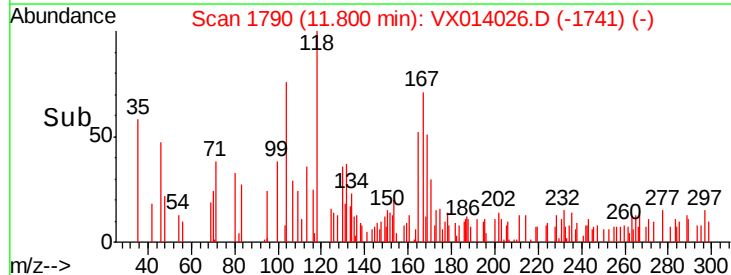
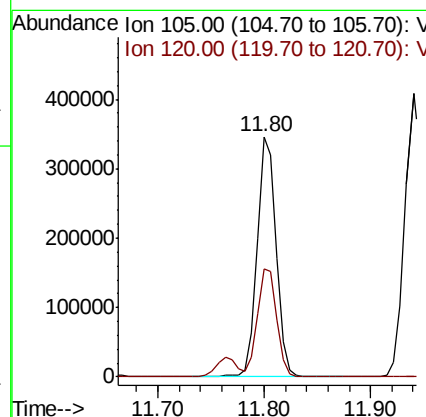
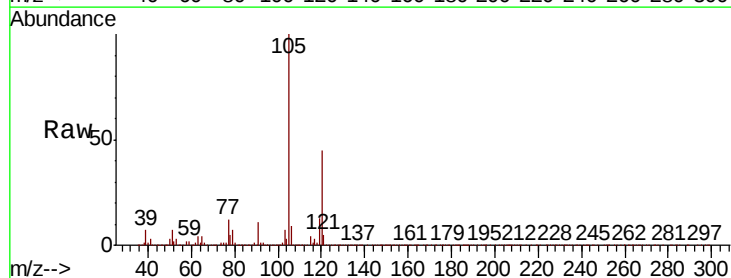
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

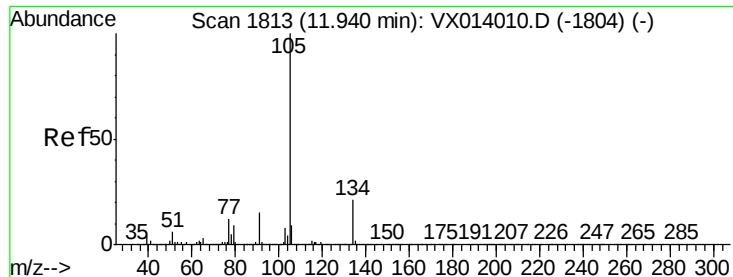
Tot Ion	Ratio	Lower	Upper
119	100		
91	56.0	28.5	85.6
134	24.3	12.2	36.6



#84
1,2,4-Trimethylbenzene
Concen: 19.129 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.1	69.2





#85

sec-Butylbenzene

Concen: 19.005 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

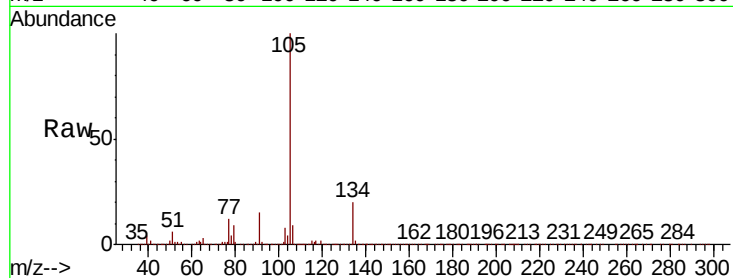
VX1216WBSD01

Tot Ion:105 Resp: 492513

Ion Ratio Lower Upper

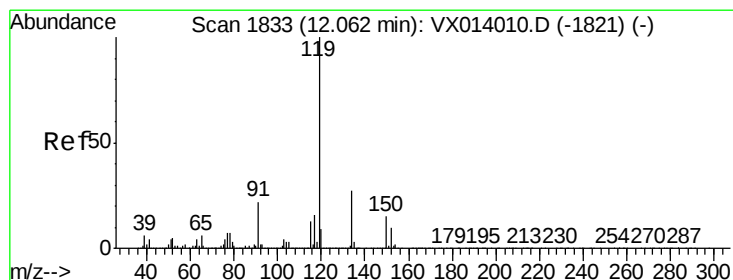
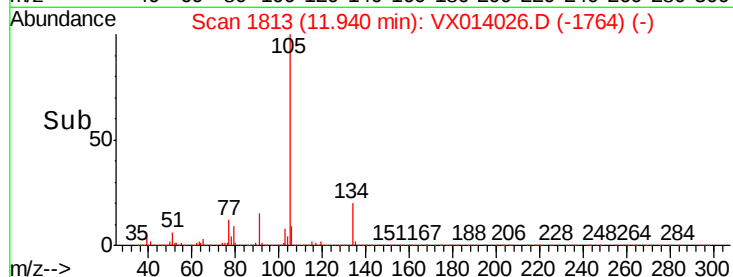
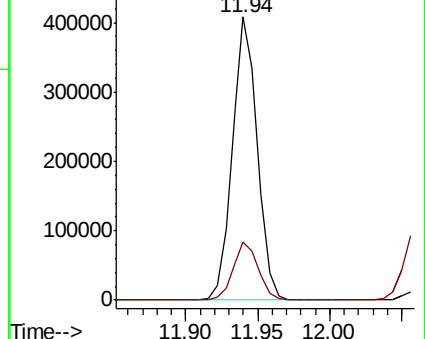
105 100

134 20.6 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.016 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

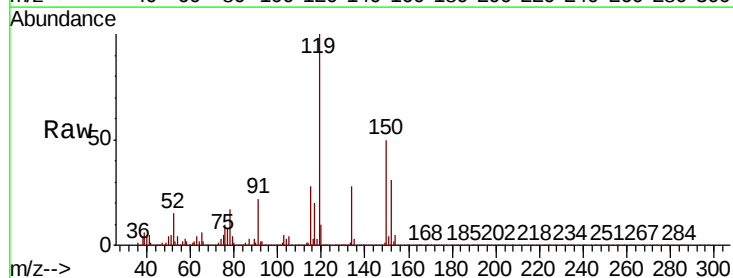
Tgt Ion:119 Resp: 450764

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

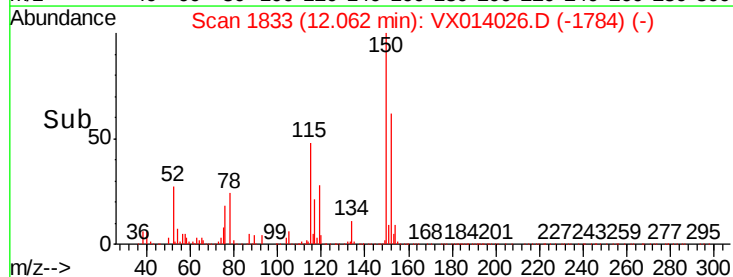
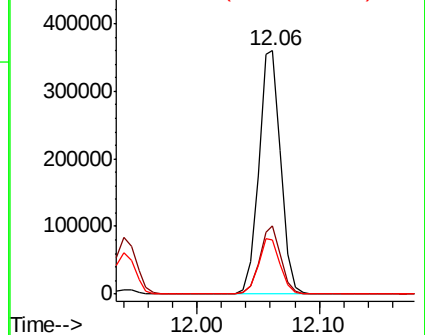
91 22.7 11.4 34.1

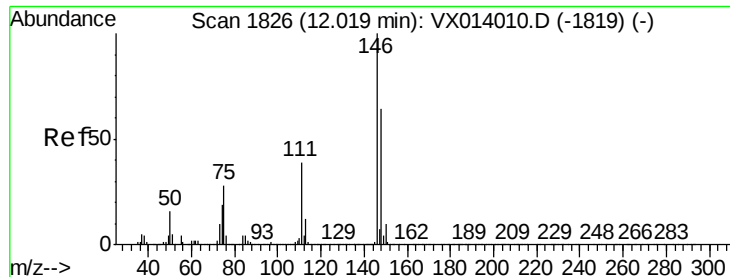


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 17.901 ug/l

RT: 12.02 min Scan# 1826

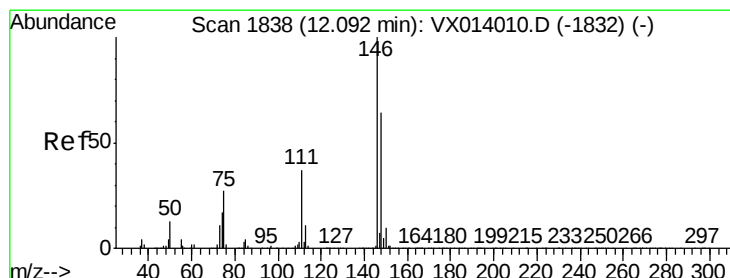
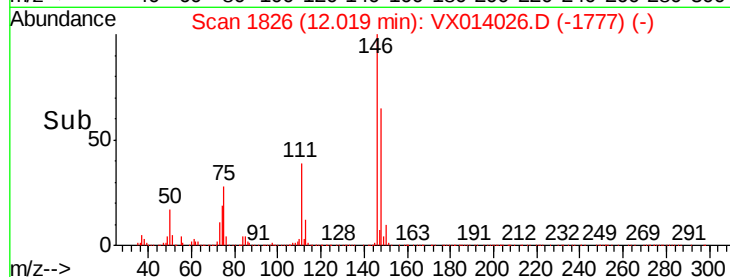
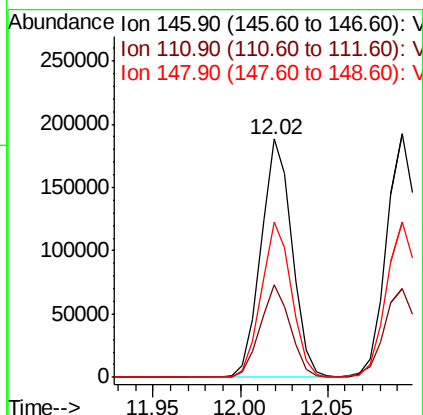
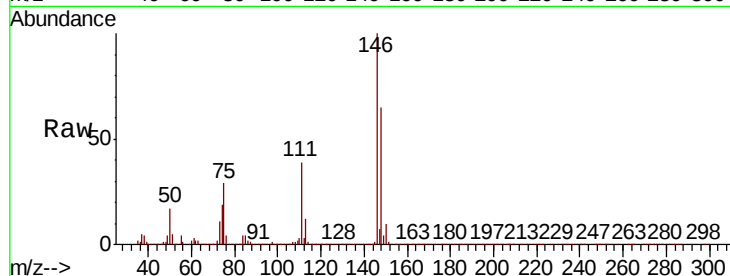
Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.1	57.1
148	64.0	32.3	96.9



#88

1,4-Dichlorobenzene

Concen: 17.728 ug/l

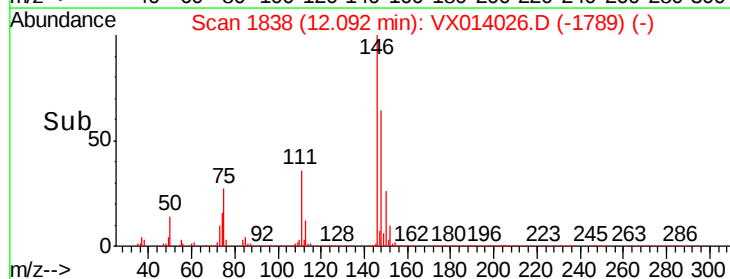
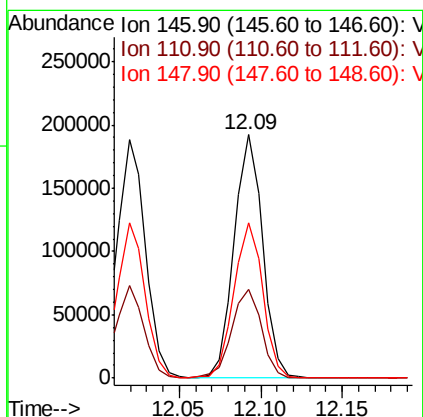
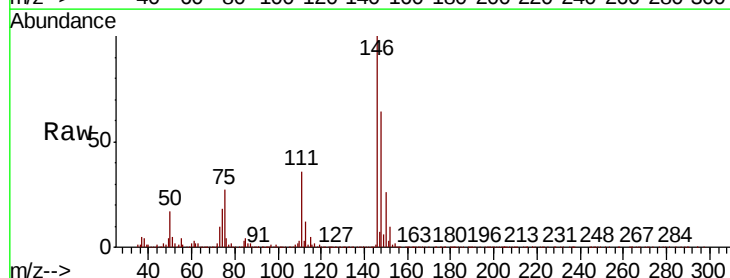
RT: 12.09 min Scan# 1838

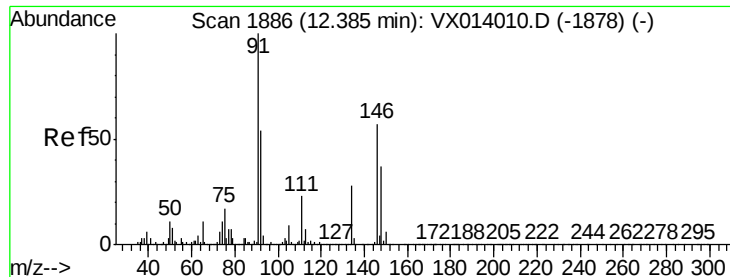
Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.7	56.1
148	64.6	31.9	95.9

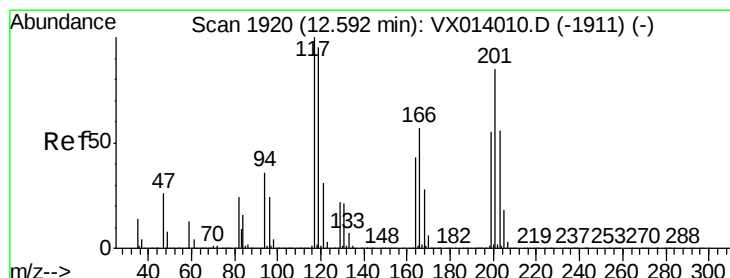
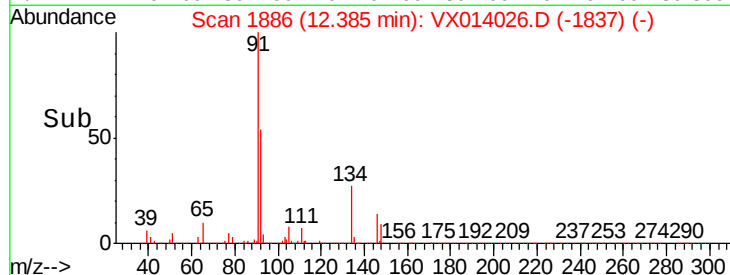
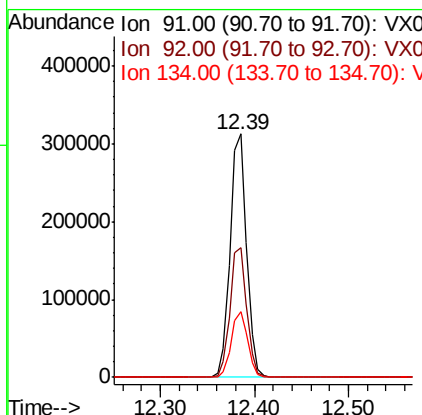
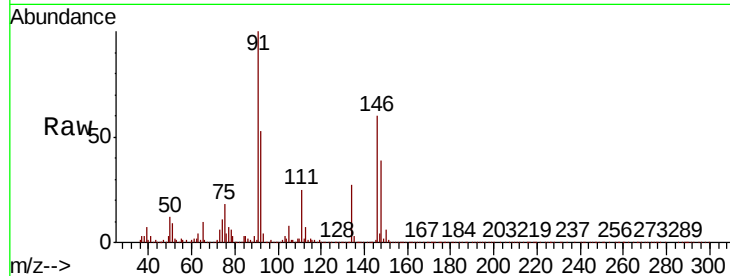




#89
n-Butylbenzene
Concen: 18.705 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

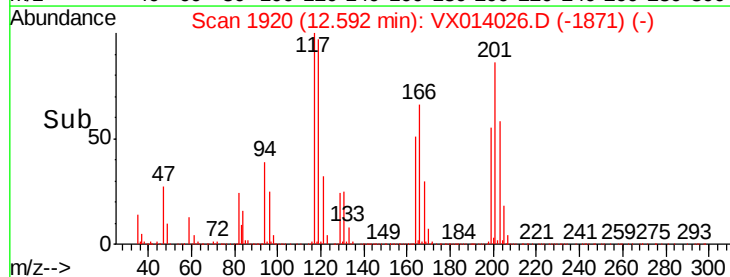
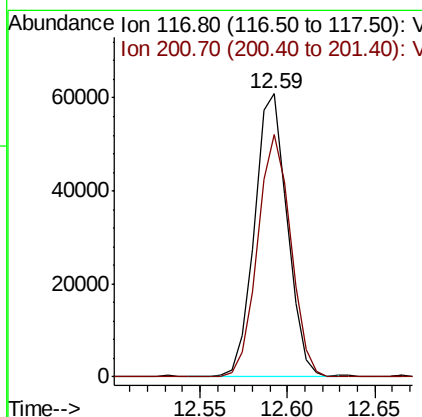
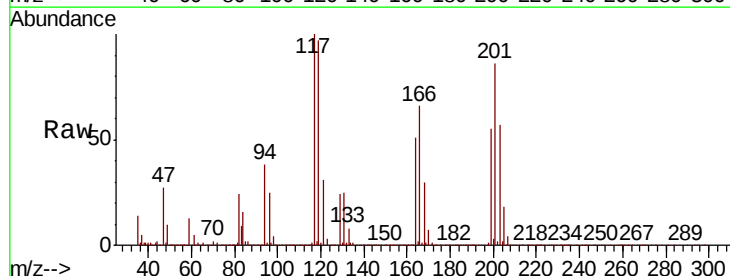
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

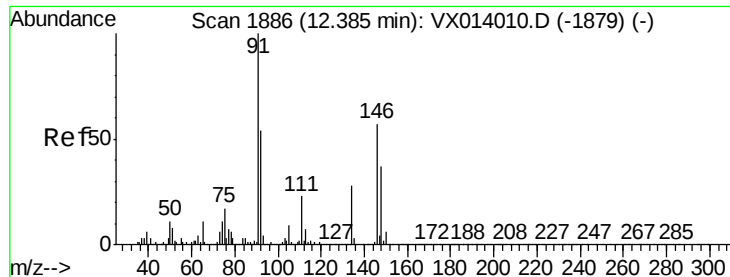
Tot Ion: 91 Resp: 378338
Ion Ratio Lower Upper
91 100
92 54.2 27.2 81.6
134 26.8 13.4 40.1



#90
Hexachloroethane
Concen: 18.488 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Tgt Ion: 117 Resp: 78717
Ion Ratio Lower Upper
117 100
201 87.1 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 18.002 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD01

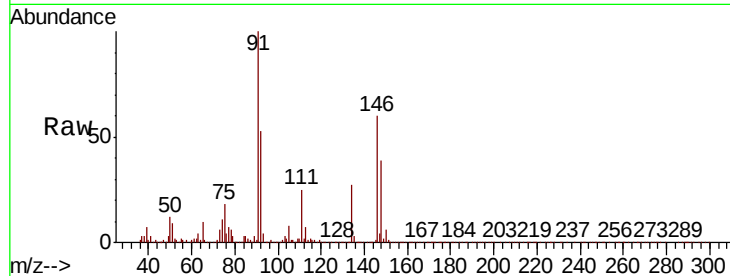
Tot Ion:146 Resp: 234209

Ion Ratio Lower Upper

146 100

111 40.5 19.7 59.1

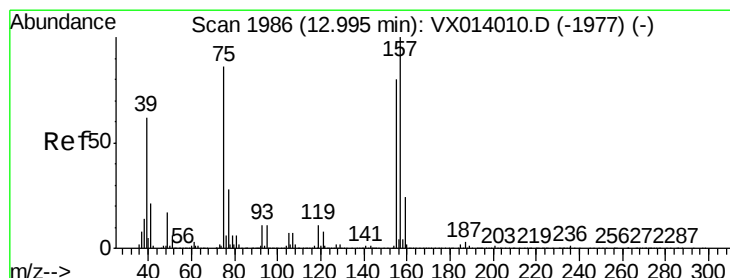
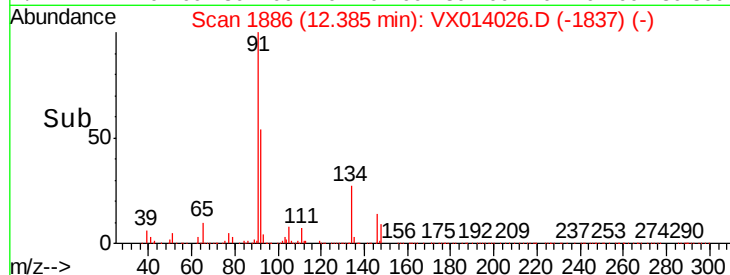
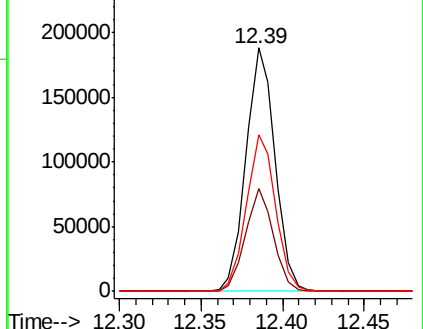
148 64.7 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.192 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

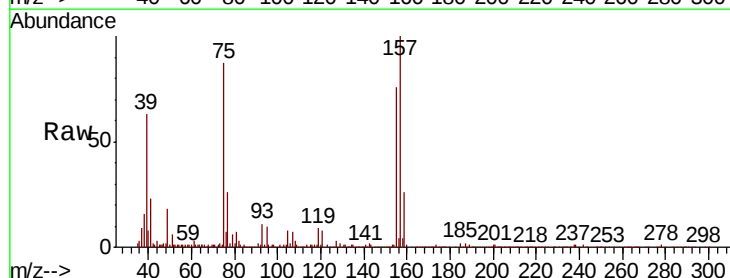
Tgt Ion: 75 Resp: 37409

Ion Ratio Lower Upper

75 100

155 87.9 46.9 140.6

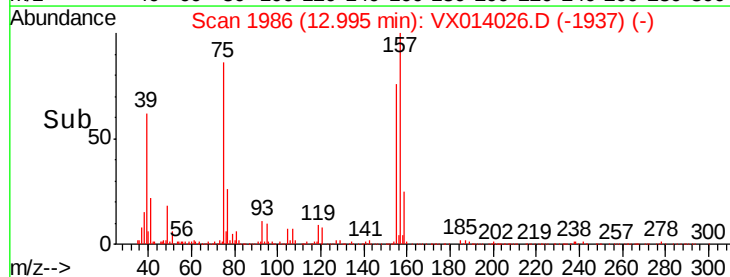
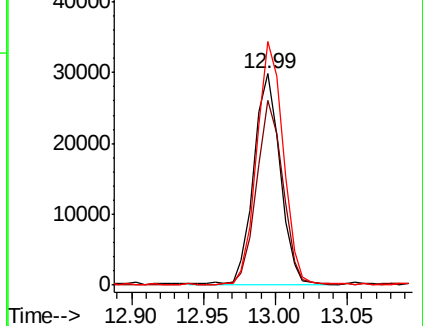
157 117.2 60.8 182.4

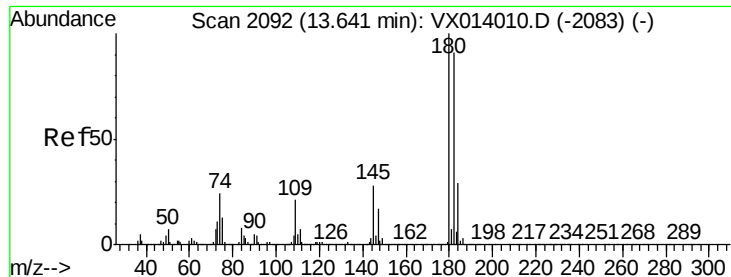


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

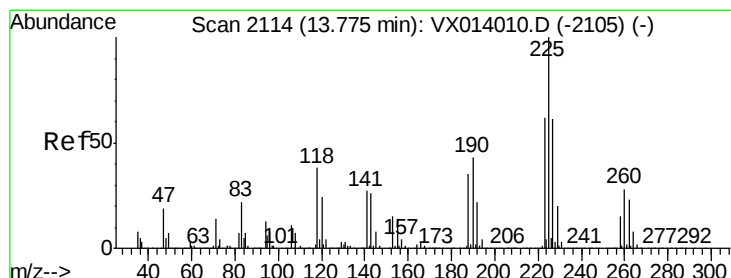
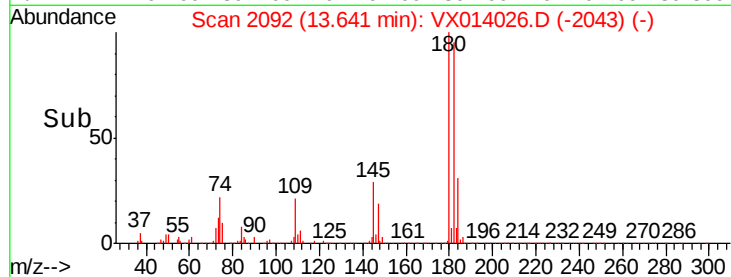
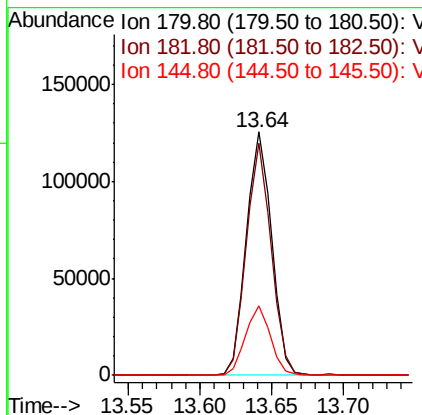
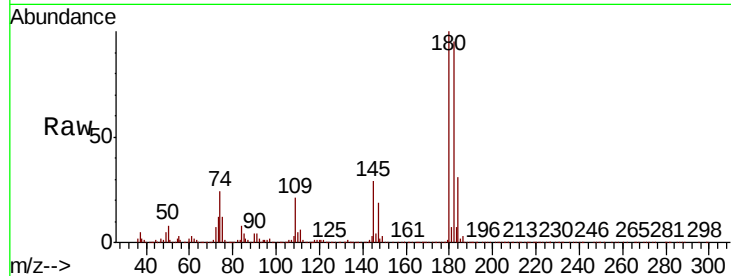




#93
 1,2,4-Trichlorobenzene
 Concen: 18.067 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014026.D
 Acq: 16 Dec 2019 11:44

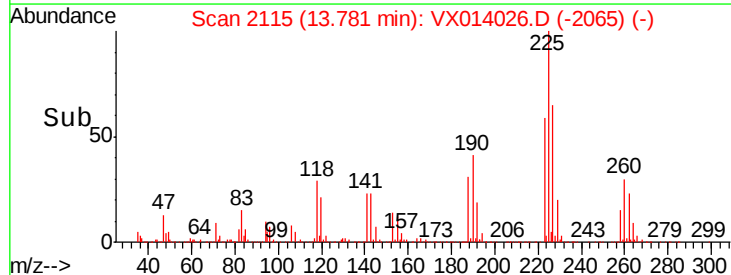
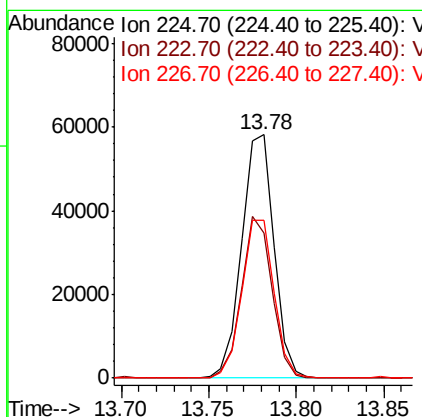
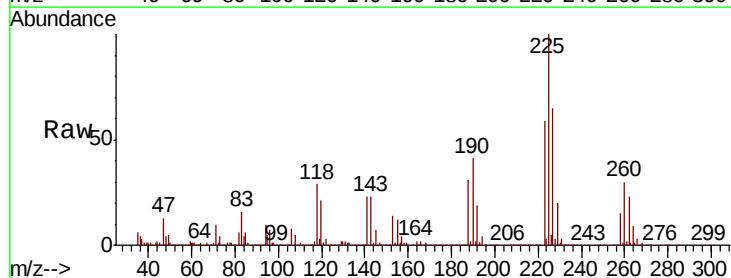
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBSD01

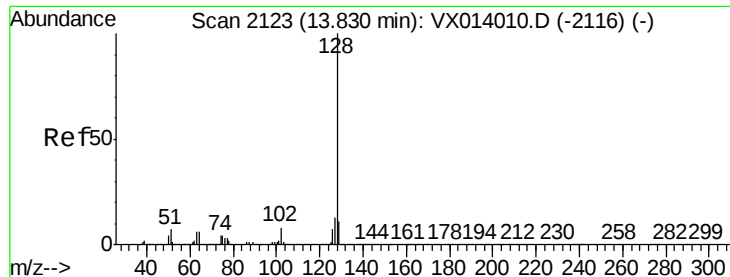
Tot Ion:180 Resp: 152782
 Ion Ratio Lower Upper
 180 100
 182 93.1 46.6 139.8
 145 28.5 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 18.366 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX014026.D
 Acq: 16 Dec 2019 11:44

Tgt Ion:225 Resp: 74640
 Ion Ratio Lower Upper
 225 100
 223 62.7 30.9 92.5
 227 65.0 30.9 92.7

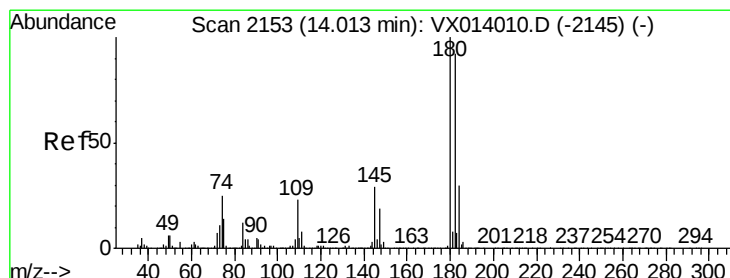
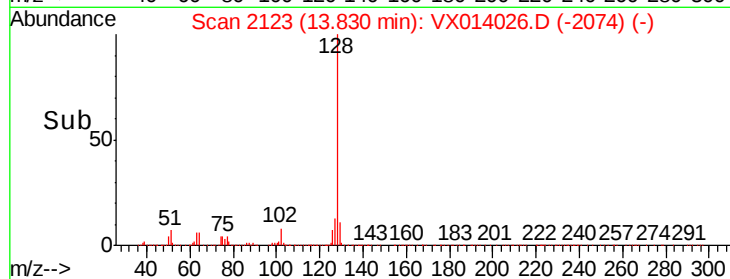
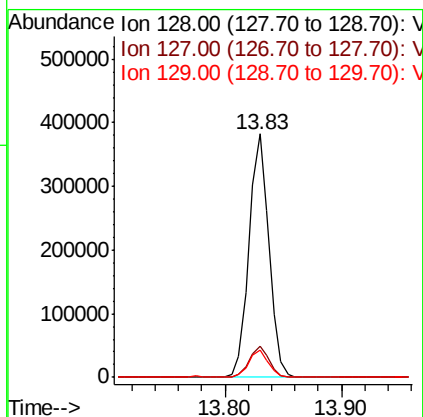
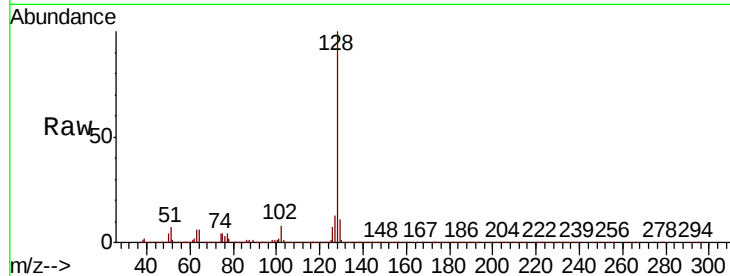




#95
Naphthalene
Concen: 18.452 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.1	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.081 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	46.8	140.3
145	29.7	14.8	44.4

