

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121619\
 Data File : VX014025.D
 Acq On : 16 Dec 2019 11:10
 Operator : JC/SP
 Sample : VX1216WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBS01

Quant Time: Dec 17 03:25:23 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	589455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	888102	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	800945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	392018	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	303118	45.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.74%	
35) Dibromofluoromethane	5.48	113	248451	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	
50) Toluene-d8	8.71	98	965903	45.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.92%	
62) 4-Bromofluorobenzene	11.13	95	341669	44.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	97670	18.521	ug/l	95
3) Chloromethane	1.32	50	130315	18.414	ug/l	100
4) Vinyl Chloride	1.40	62	135017	18.081	ug/l	98
5) Bromomethane	1.63	94	85595	16.150	ug/l	99
6) Chloroethane	1.71	64	84008	18.227	ug/l	97
7) Trichlorofluoromethane	1.92	101	168089	18.183	ug/l	99
8) Diethyl Ether	2.18	74	75780	17.467	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	104141	18.689	ug/l	99
10) Methyl Iodide	2.50	142	128186	19.150	ug/l	99
11) Tert butyl alcohol	3.03	59	120720	83.628	ug/l	100
12) 1,1-Dichloroethene	2.36	96	99011	17.462	ug/l	98
13) Acrolein	2.28	56	102582	124.142	ug/l	99
14) Allyl chloride	2.72	41	185743	18.347	ug/l	99
15) Acrylonitrile	3.13	53	303873	90.188	ug/l	99
16) Acetone	2.43	43	366971	84.611	ug/l	100
17) Carbon Disulfide	2.56	76	276761	18.068	ug/l	99
18) Methyl Acetate	2.76	43	157857	18.368	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	338751	18.181	ug/l	99
20) Methylene Chloride	2.84	84	121334	17.765	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	108241	17.328	ug/l	98
22) Diisopropyl ether	3.84	45	369300	18.305	ug/l	90
23) Vinyl Acetate	3.80	43	1588036	96.458	ug/l	99
24) 1,1-Dichloroethane	3.69	63	200985	17.906	ug/l	97
25) 2-Butanone	4.65	43	472640	88.390	ug/l	98
26) 2,2-Dichloropropane	4.57	77	161438	18.525	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	125415	17.752	ug/l	99
28) Bromochloromethane	5.00	49	77795	18.312	ug/l	99
29) Tetrahydrofuran	5.11	42	274023	91.621	ug/l	99
30) Chloroform	5.20	83	191982	18.043	ug/l	100
31) Cyclohexane	5.57	56	187461	18.778	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	163990	18.084	ug/l	99
36) 1,1-Dichloropropene	5.79	75	145888	17.903	ug/l	99
37) Ethyl Acetate	4.82	43	166866	18.543	ug/l	99
38) Carbon Tetrachloride	5.77	117	139115	18.740	ug/l	99

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Instrument :
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 ClientSampleId :
 VX1216WBS01

Quant Time: Dec 17 03:25:23 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	185506	18.437	ug/l	99
40) Benzene	6.13	78	454819	18.140	ug/l	100
41) Methacrylonitrile	5.03	41	91232	18.272	ug/l	99
42) 1,2-Dichloroethane	6.18	62	155186	18.259	ug/l	100
43) Isopropyl Acetate	6.43	43	272491	18.298	ug/l	99
44) Trichloroethene	7.20	130	120754	17.436	ug/l	100
45) 1,2-Dichloropropane	7.50	63	116982	18.203	ug/l	95
46) Dibromomethane	7.65	93	75100	17.675	ug/l	100
47) Bromodichloromethane	7.89	83	146971	18.367	ug/l	94
48) Methyl methacrylate	7.76	41	134358	18.425	ug/l	98
49) 1,4-Dioxane	7.73	88	51722	348.529	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	848972	90.774	ug/l	98
52) Toluene	8.78	92	281704	17.776	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	160189	18.257	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	182763	18.697	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	114802	18.074	ug/l	98
56) Ethyl methacrylate	9.17	69	179570	17.998	ug/l	99
57) 1,3-Dichloropropane	9.37	76	197000	18.434	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	371137	98.293	ug/l	100
59) 2-Hexanone	9.48	43	672066	89.265	ug/l	99
60) Dibromochloromethane	9.57	129	115009	18.216	ug/l	97
61) 1,2-Dibromoethane	9.67	107	119243	18.349	ug/l	99
64) Tetrachloroethene	9.33	164	115383	16.280	ug/l	97
65) Chlorobenzene	10.14	112	300711	17.658	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	111165	18.282	ug/l	99
67) Ethyl Benzene	10.25	91	534883	18.269	ug/l	99
68) m/p-Xylenes	10.35	106	406337	36.084	ug/l	99
69) o-Xylene	10.70	106	197872	17.916	ug/l	99
70) Styrene	10.71	104	333208	17.842	ug/l	99
71) Bromoform	10.85	173	86328	17.662	ug/l #	99
73) Isopropylbenzene	11.01	105	523819	18.978	ug/l	99
74) N-amyl acetate	10.89	43	239449	18.508	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	179532	18.762	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	197126	23.162	ug/l	89
77) Bromobenzene	11.25	156	134914	17.766	ug/l	99
78) n-propylbenzene	11.35	91	591440	19.104	ug/l	99
79) 2-Chlorotoluene	11.42	91	354062	18.814	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	440905	18.981	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	56230	18.648	ug/l	95
82) 4-Chlorotoluene	11.51	91	403919	18.503	ug/l	99
83) tert-Butylbenzene	11.76	119	430411	19.040	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	442425	19.019	ug/l	100
85) sec-Butylbenzene	11.94	105	506411	18.976	ug/l	100
86) p-Isopropyltoluene	12.06	119	467042	19.132	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	233880	17.573	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	233218	17.233	ug/l	99
89) n-Butylbenzene	12.38	91	386060	18.534	ug/l	99
90) Hexachloroethane	12.59	117	81352	18.554	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	236027	17.616	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	36655	17.310	ug/l	97

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Instrument :
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ClientSampleId :
VX1216WBS01

Quant Time: Dec 17 03:25:23 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

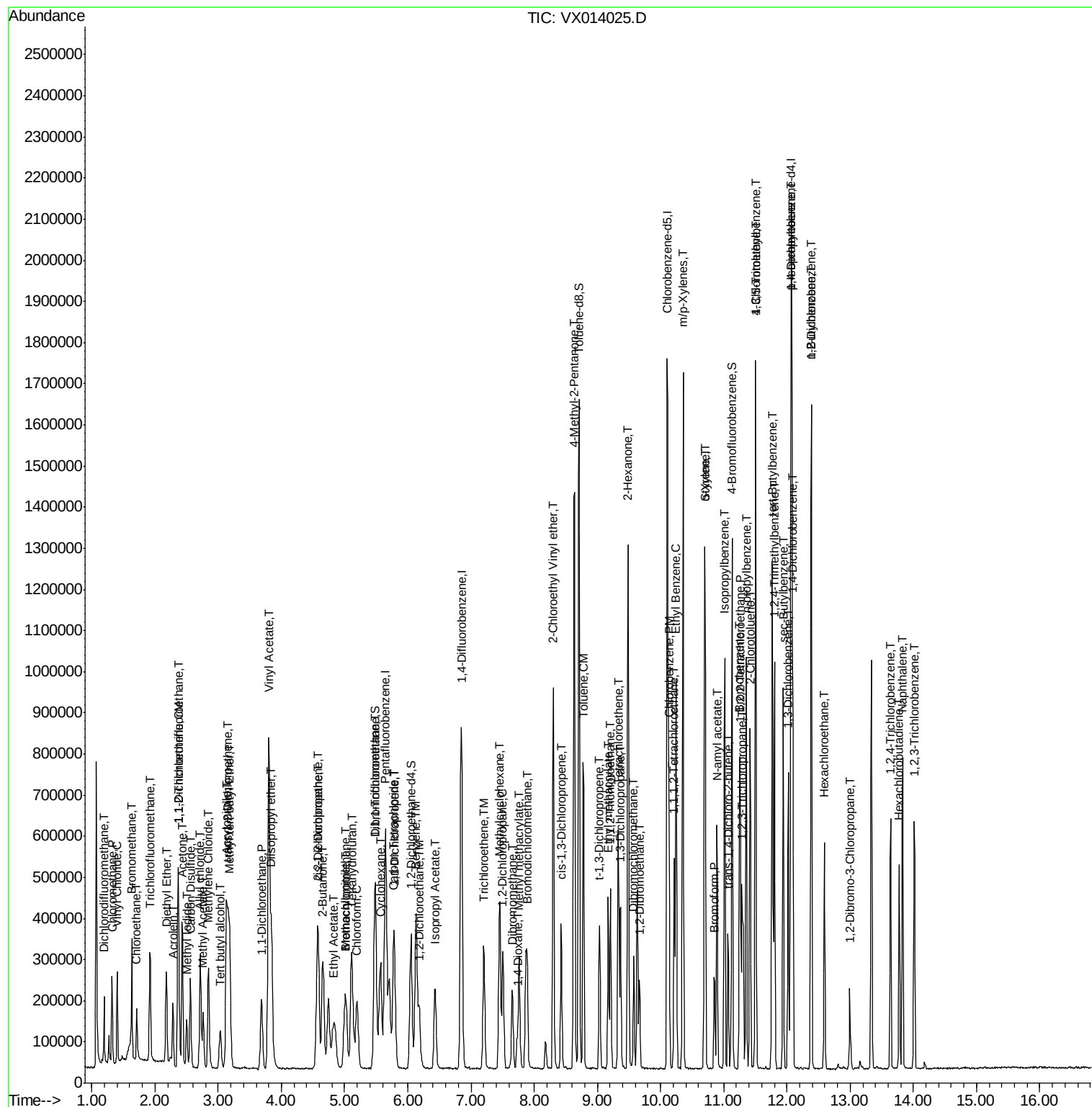
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	149875	17.211	ug/l	98
94) Hexachlorobutadiene	13.77	225	75758	18.102	ug/l	96
95) Naphthalene	13.83	128	454724	17.773	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	151754	17.654	ug/l	96

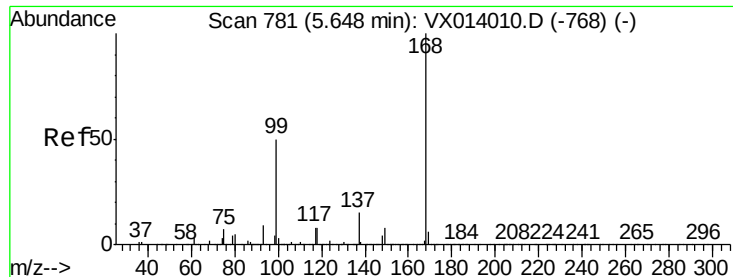
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121619\
 Data File : VX014025.D
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 Sample : VX1216WBS01
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Quant Time: Dec 17 03:25:23 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014025.D

Acq: 16 Dec 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

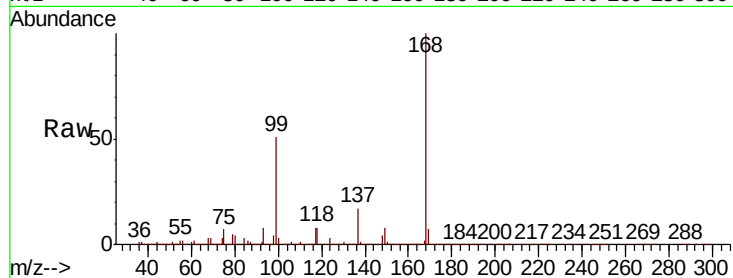
VX1216WBS01

Tot Ion:168 Resp: 589455

Ion Ratio Lower Upper

168 100

99 51.0 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

250000

200000

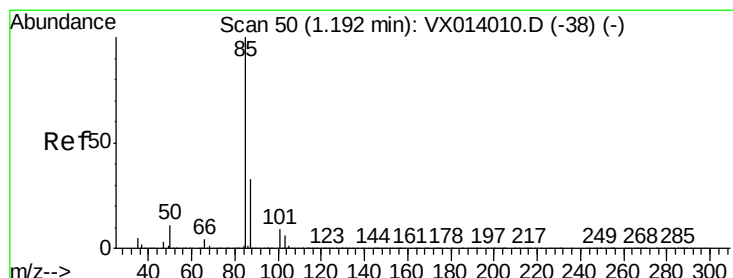
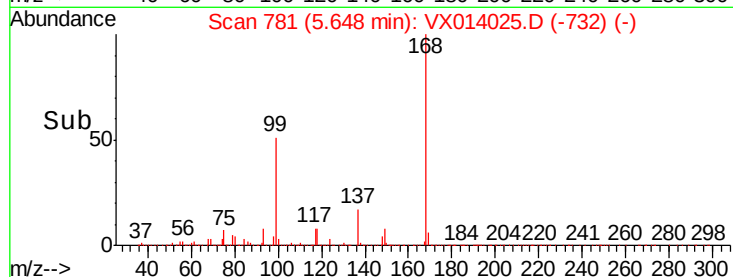
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.521 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014025.D

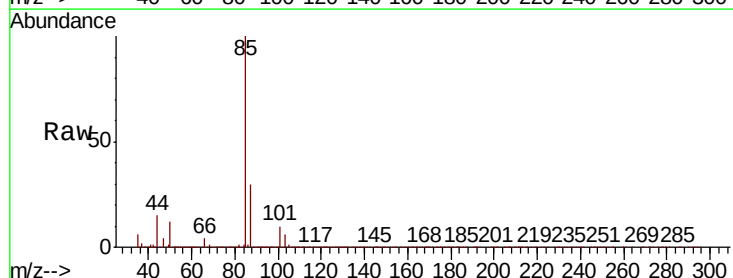
Acq: 16 Dec 2019 11:10

Tgt Ion: 85 Resp: 97670

Ion Ratio Lower Upper

85 100

87 30.2 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

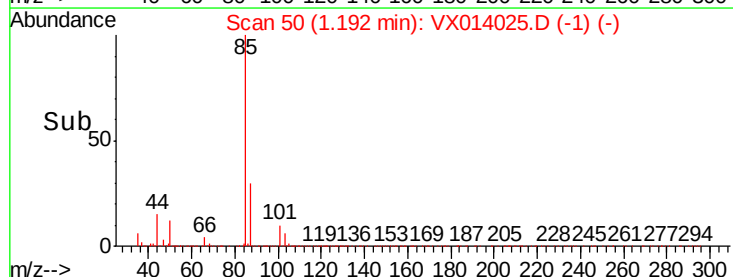
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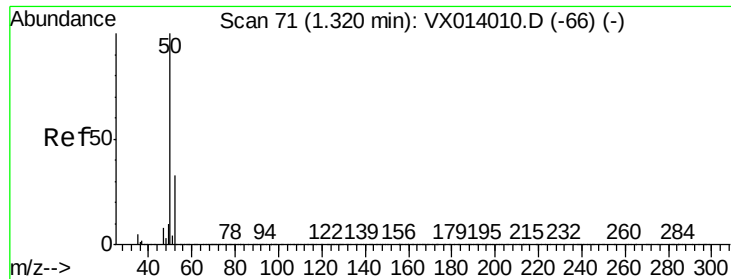
40000

20000

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Time-->





#3

Chloromethane

Concen: 18.414 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014025.D

Acq: 16 Dec 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

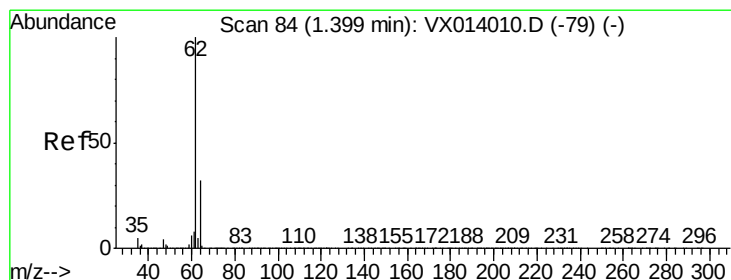
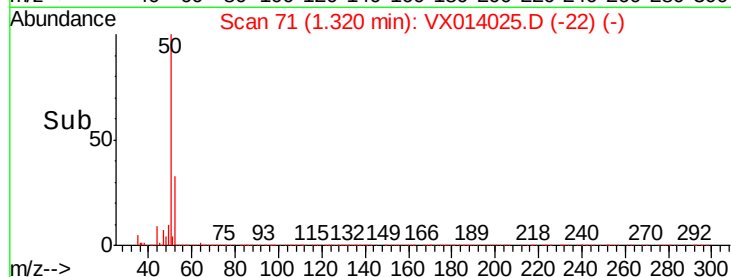
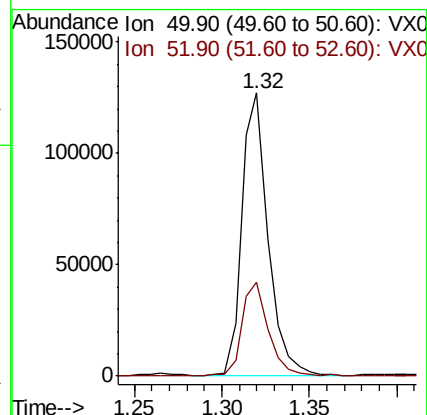
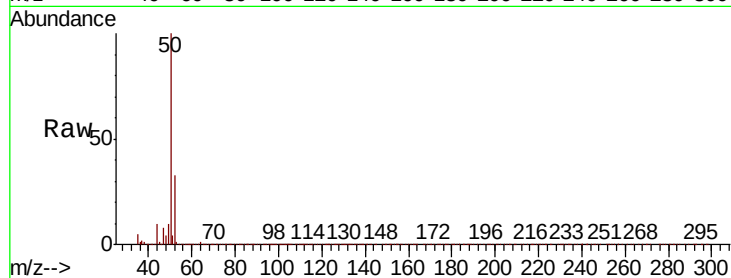
VX1216WBS01

Tot Ion: 50 Resp: 130315

Ion Ratio Lower Upper

50 100

52 33.0 26.2 39.4



#4

Vinyl Chloride

Concen: 18.081 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014025.D

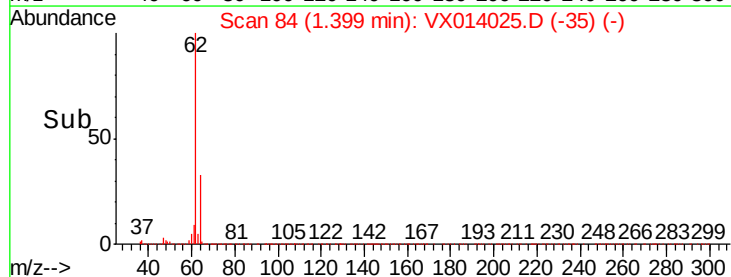
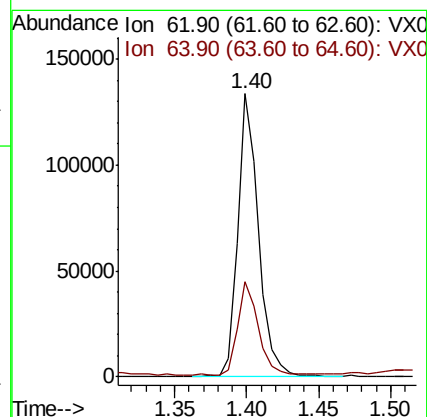
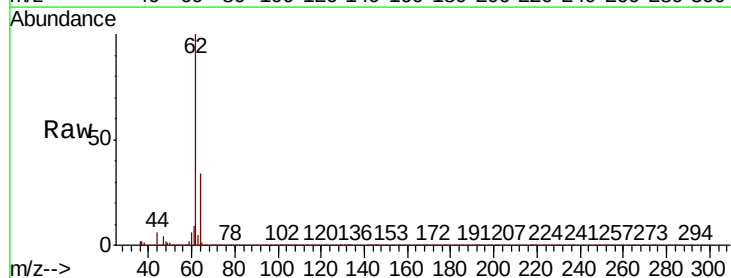
Acq: 16 Dec 2019 11:10

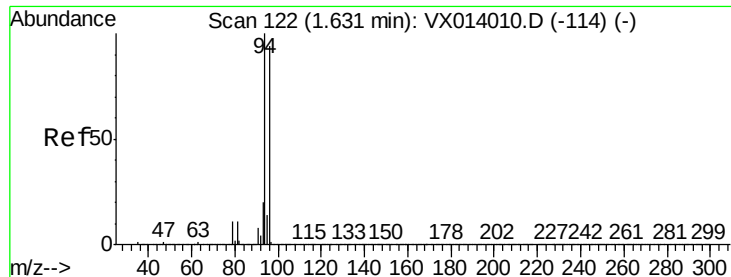
Tgt Ion: 62 Resp: 135017

Ion Ratio Lower Upper

62 100

64 33.2 25.7 38.5





#5

Bromomethane

Concen: 16.150 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014025.D

Acq: 16 Dec 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

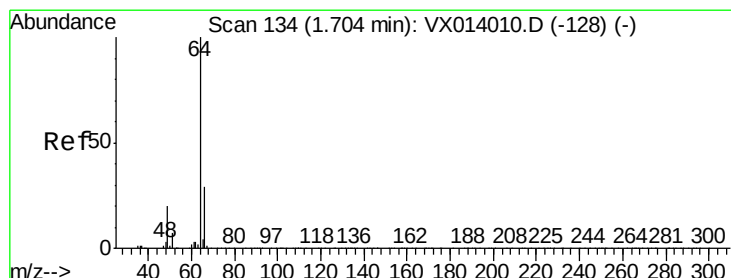
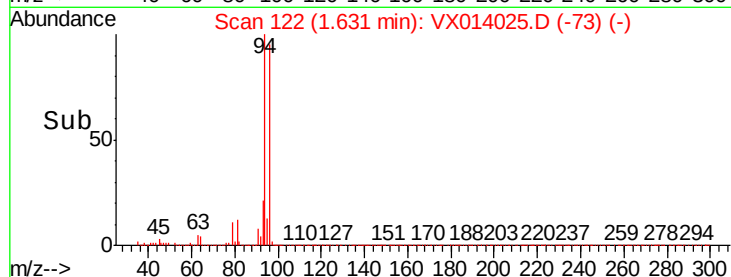
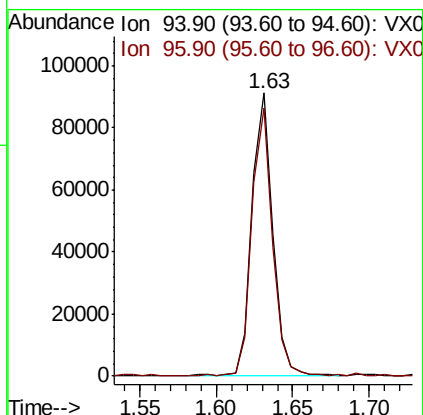
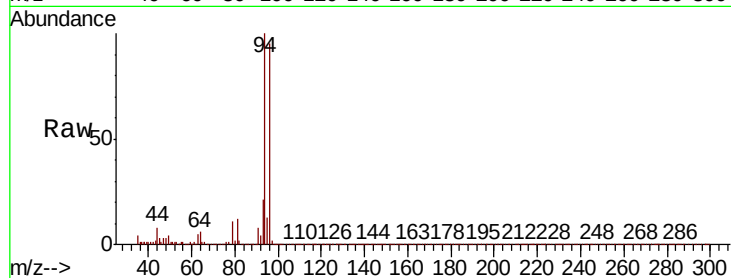
VX1216WBS01

Tot Ion: 94 Resp: 85595

Ion Ratio Lower Upper

94 100

96 94.5 75.2 112.8



#6

Chloroethane

Concen: 18.227 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX014025.D

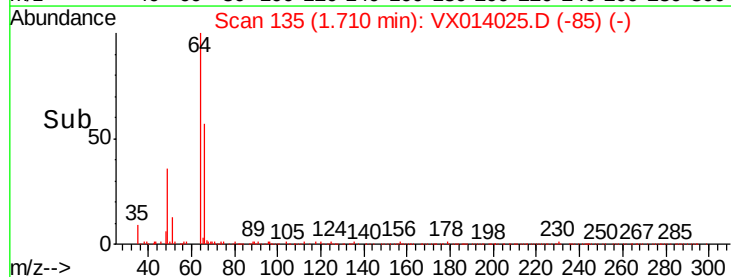
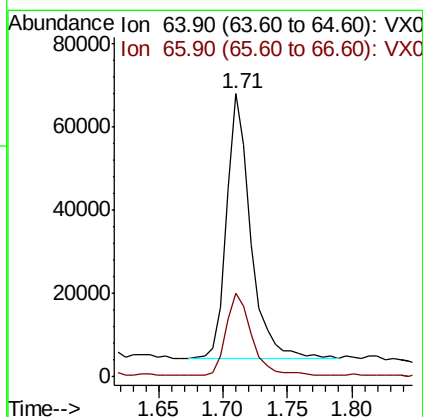
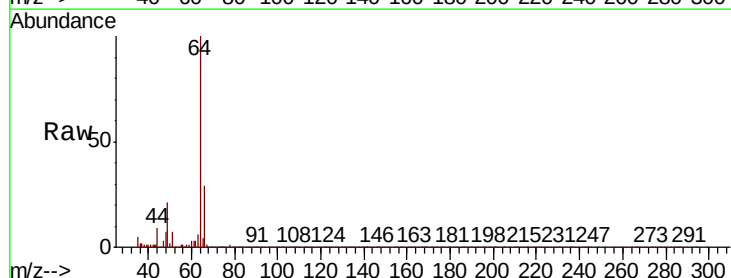
Acq: 16 Dec 2019 11:10

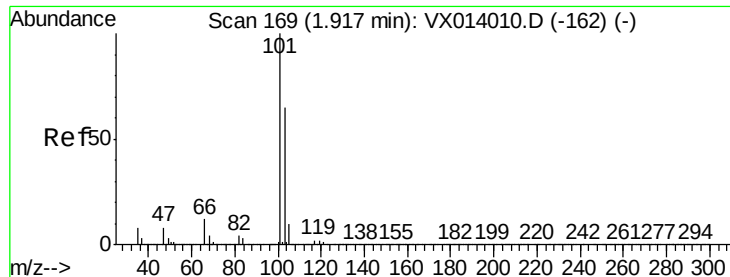
Tgt Ion: 64 Resp: 84008

Ion Ratio Lower Upper

64 100

66 30.7 23.4 35.2



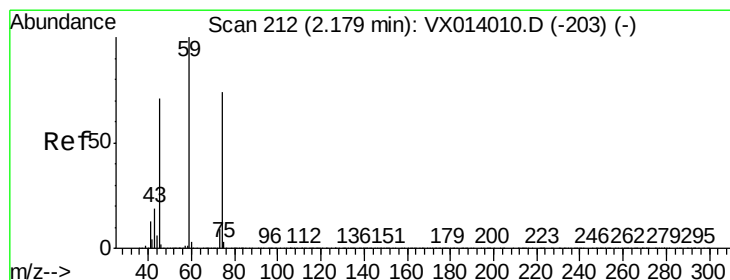
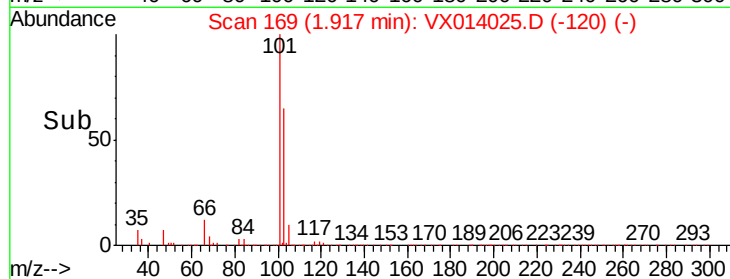
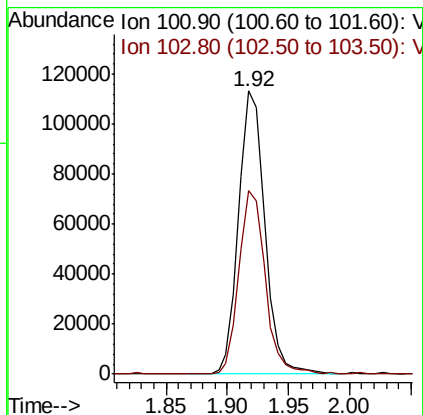
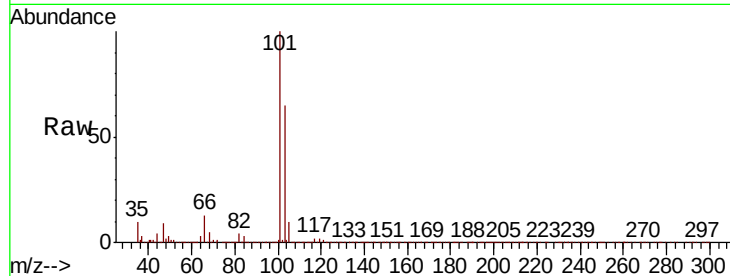


#7

Trichlorofluoromethane
Concen: 18.183 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX014025.D
Acq: 16 Dec 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS01

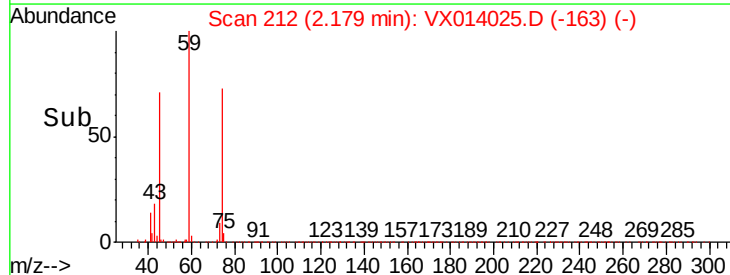
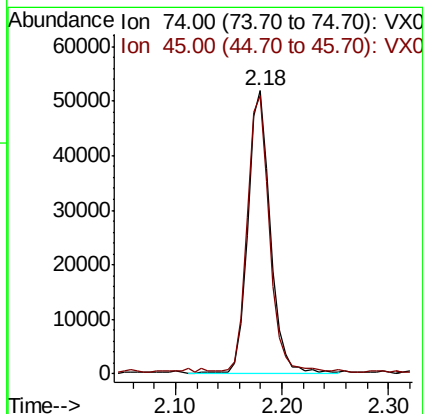
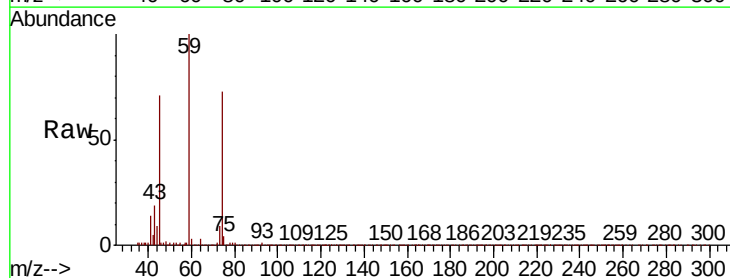
Tot Ion:101 Resp: 168089
Ion Ratio Lower Upper
101 100
103 64.8 52.2 78.4

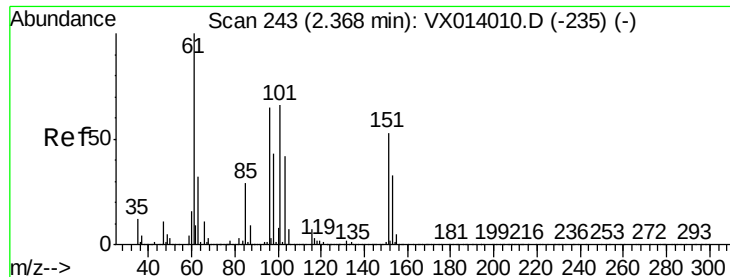


#8

Diethyl Ether
Concen: 17.467 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014025.D
Acq: 16 Dec 2019 11:10

Tgt Ion: 74 Resp: 75780
Ion Ratio Lower Upper
74 100
45 96.7 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.689 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014025.D

Acq: 16 Dec 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBS01

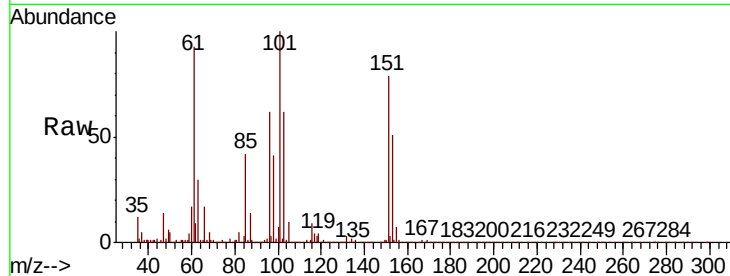
Tot Ion:101 Resp: 104141

Ion Ratio Lower Upper

101 100

85 41.3 33.7 50.5

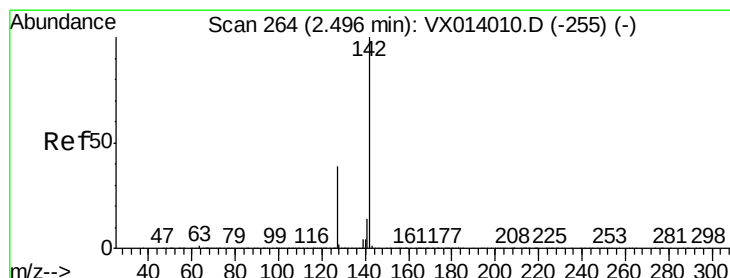
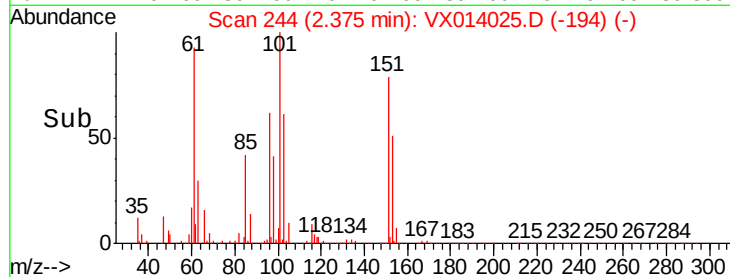
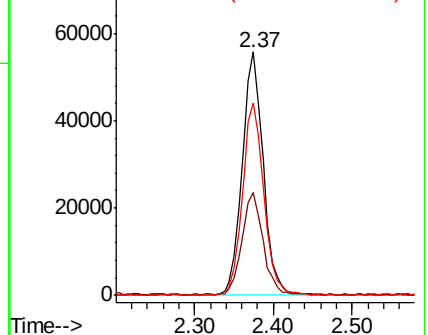
151 80.0 64.5 96.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.150 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014025.D

Acq: 16 Dec 2019 11:10

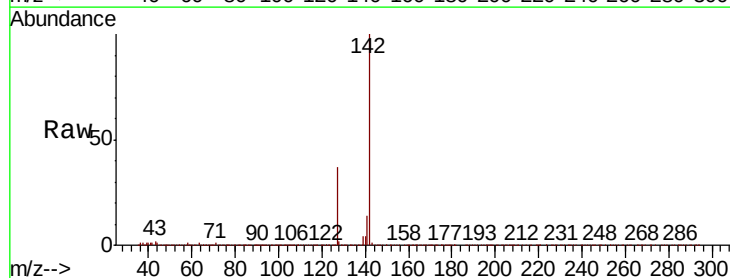
Tgt Ion:142 Resp: 128186

Ion Ratio Lower Upper

142 100

127 40.1 31.6 47.4

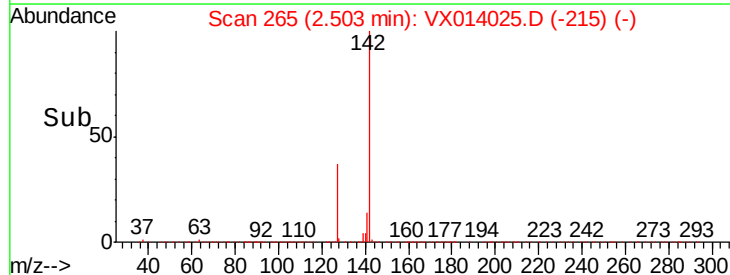
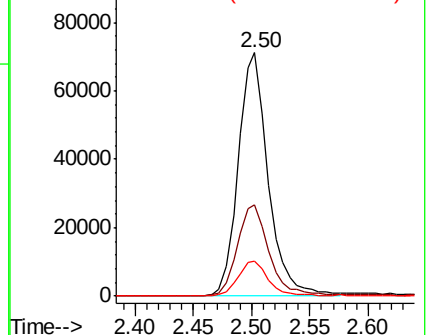
141 14.4 11.6 17.4

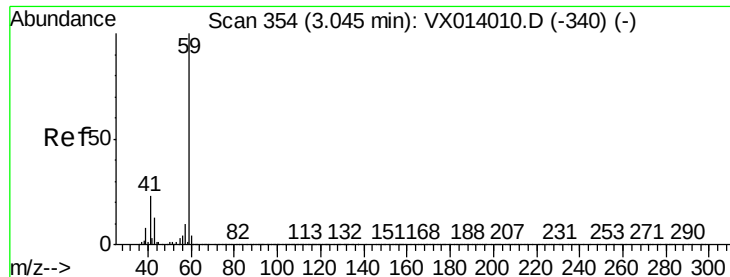


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



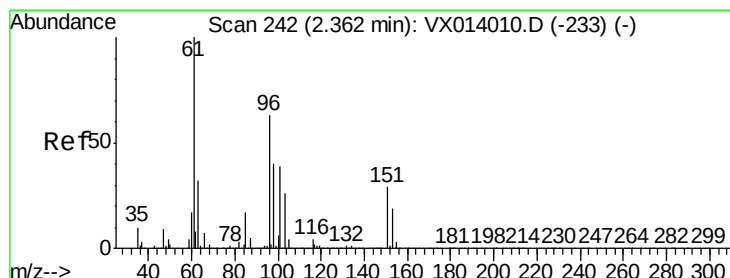
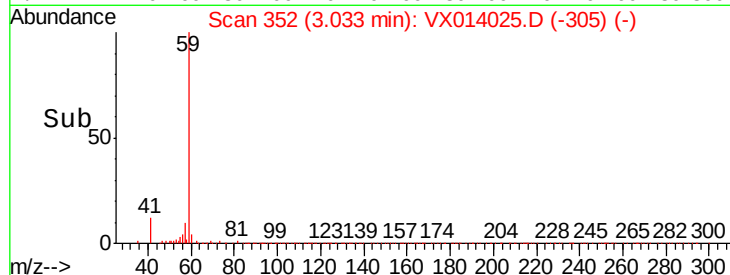
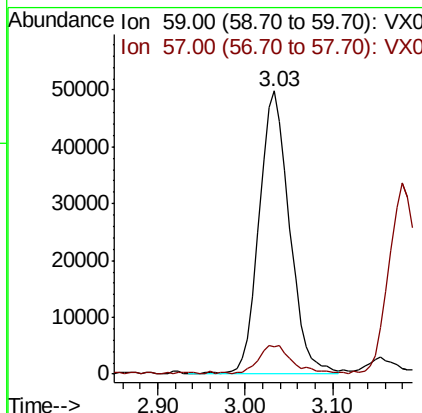
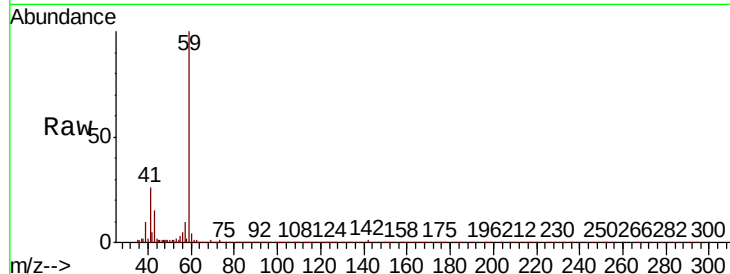


#11

Tert butyl alcohol
Concen: 83.628 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX014025.D
Acq: 16 Dec 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS01

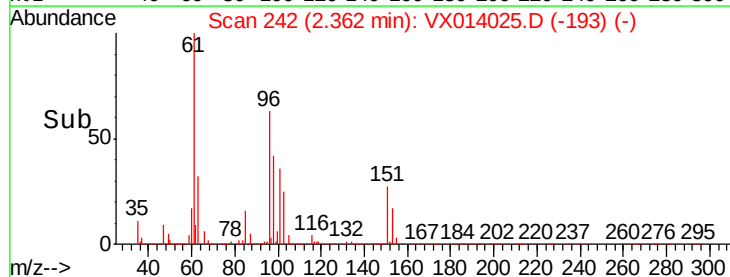
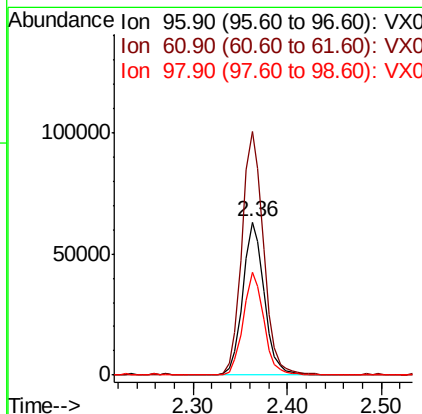
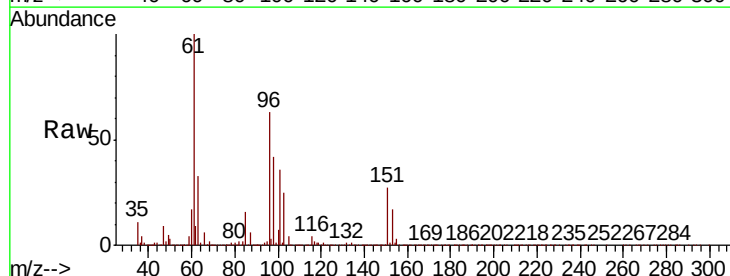
Tot Ion: 59 Resp: 120720
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6

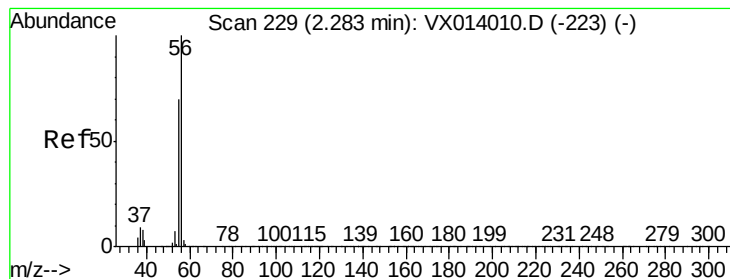


#12

1,1-Dichloroethene
Concen: 17.462 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX014025.D
Acq: 16 Dec 2019 11:10

Tgt Ion: 96 Resp: 99011
Ion Ratio Lower Upper
96 100
61 159.2 127.9 191.9
98 67.4 50.5 75.7





#13

Acrolein

Concen: 124.142 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014025.D

Acq: 16 Dec 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

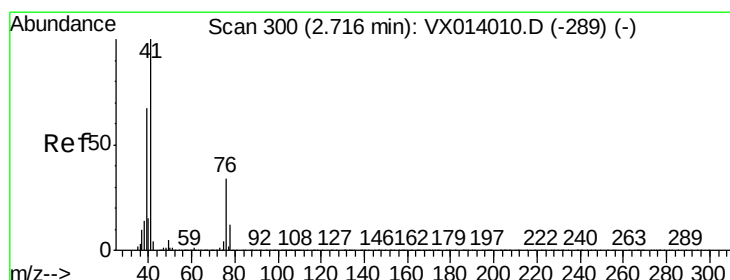
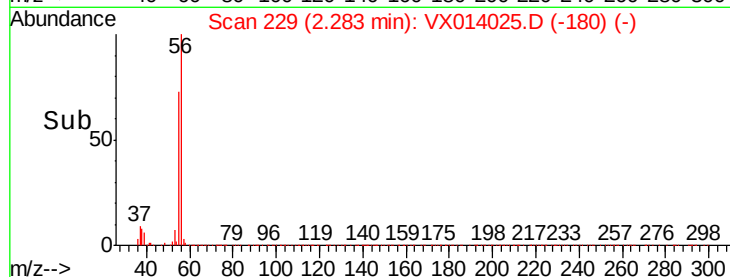
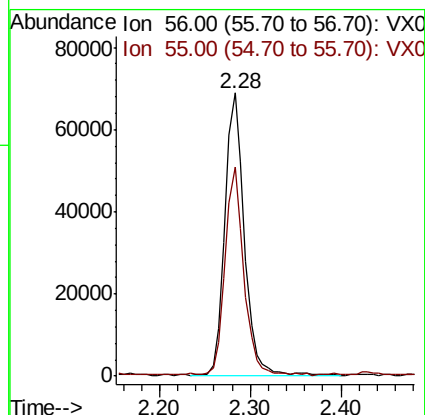
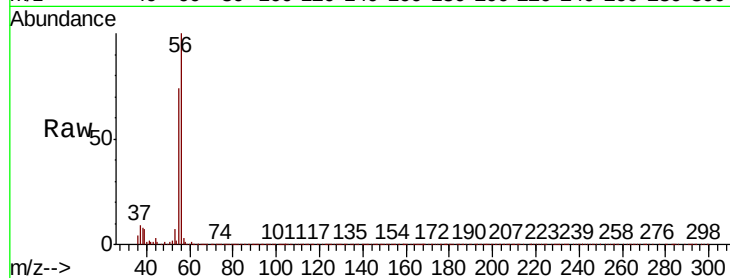
VX1216WBS01

Tot Ion: 56 Resp: 102582

Ion Ratio Lower Upper

56 100

55 70.2 56.9 85.3



#14

Allyl chloride

Concen: 18.347 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX014025.D

Acq: 16 Dec 2019 11:10

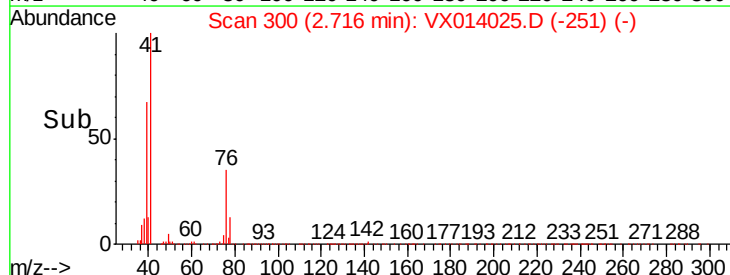
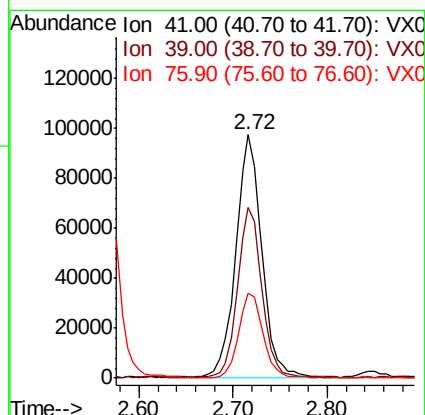
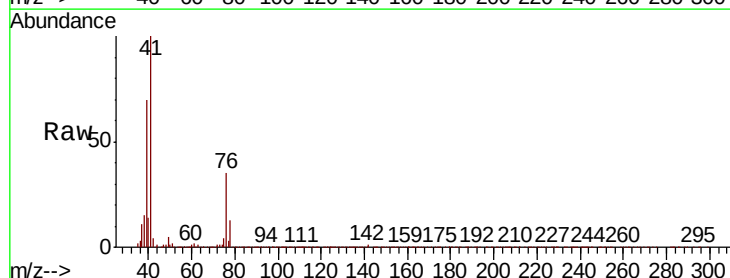
Tgt Ion: 41 Resp: 185743

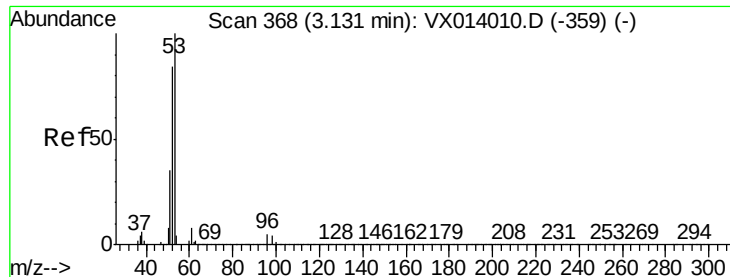
Ion Ratio Lower Upper

41 100

39 66.0 51.8 77.8

76 32.2 25.9 38.9





#15

Acrylonitrile

Concen: 90.188 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014025.D

Acq: 16 Dec 2019 11:10

Instrument :

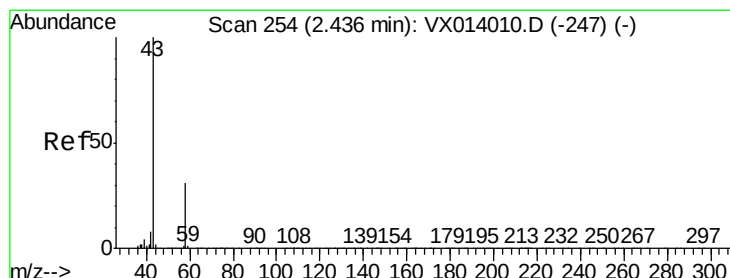
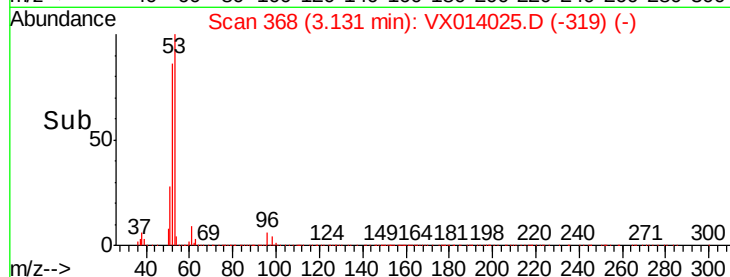
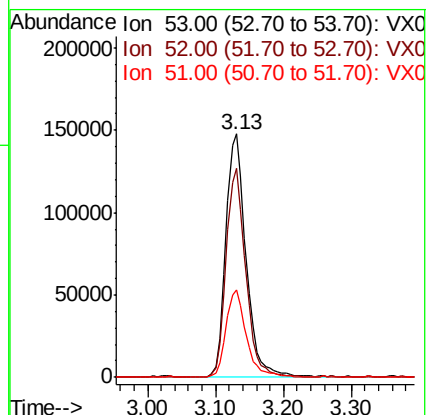
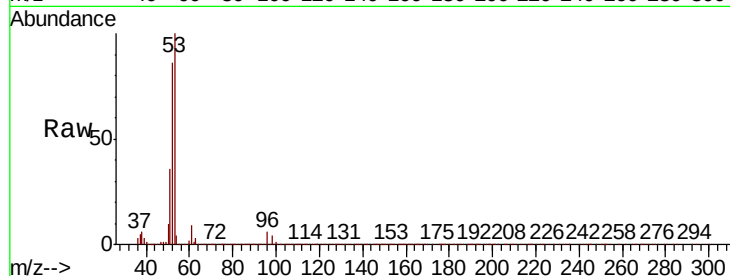
MSVOA_X

ClientSampleId :

VX1216WBS01

Tot Ion: 53 Resp: 303873

Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.5	99.7
51	35.5	28.1	42.1



#16

Acetone

Concen: 84.611 ug/l

RT: 2.43 min Scan# 253

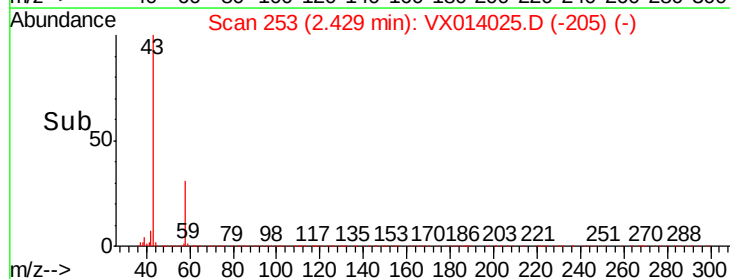
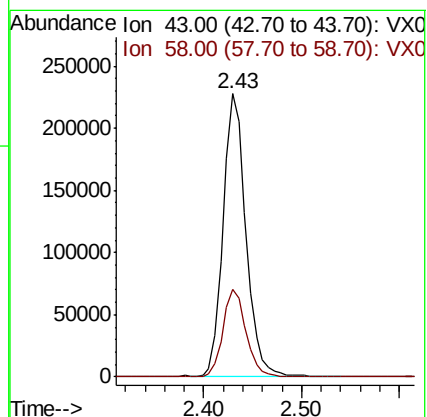
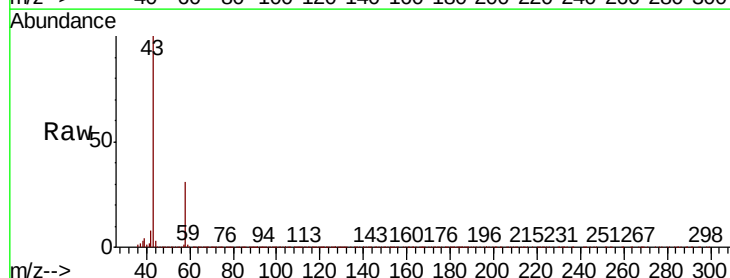
Delta R.T. -0.01 min

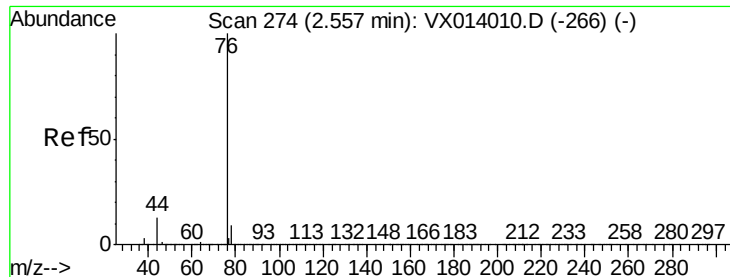
Lab File: VX014025.D

Acq: 16 Dec 2019 11:10

Tgt Ion: 43 Resp: 366971

Ion	Ratio	Lower	Upper
43	100		
58	30.9	24.9	37.3





#17

Carbon Disulfide

Concen: 18.068 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX014025.D

Acq: 16 Dec 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

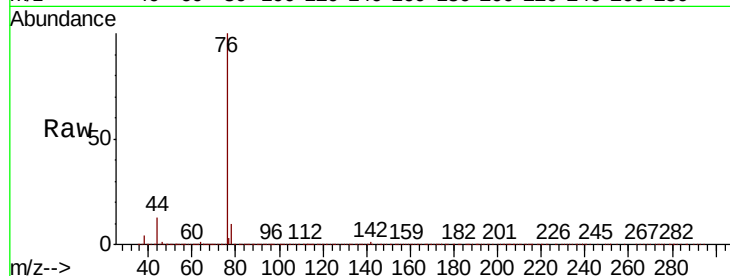
VX1216WBS01

Tot Ion: 76 Resp: 276761

Ion Ratio Lower Upper

76 100

78 9.5 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

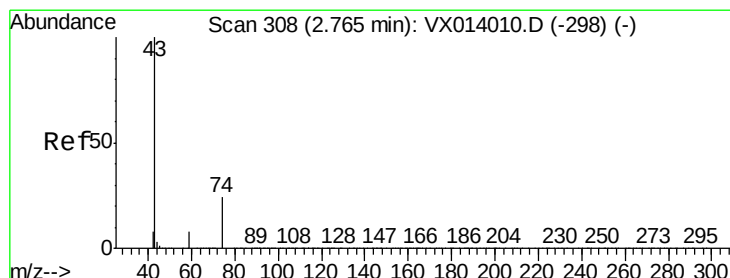
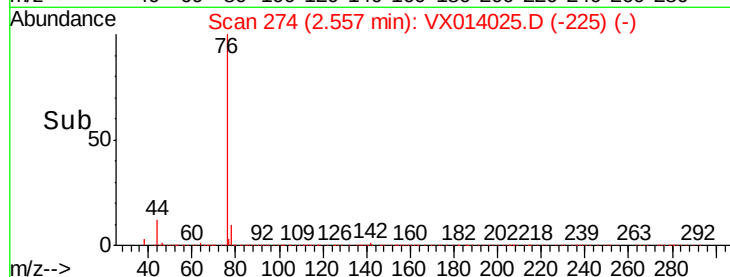
150000

100000

50000

0

Time--> 2.45 2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 18.368 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014025.D

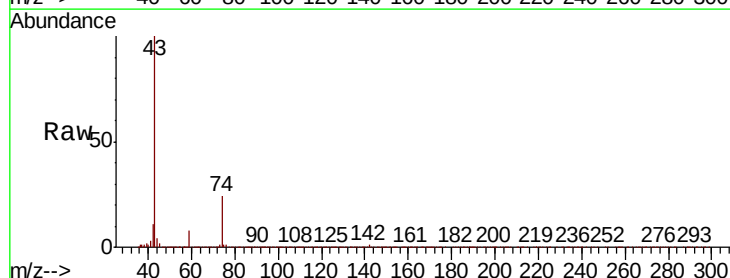
Acq: 16 Dec 2019 11:10

Tgt Ion: 43 Resp: 157857

Ion Ratio Lower Upper

43 100

74 23.2 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

100000

80000

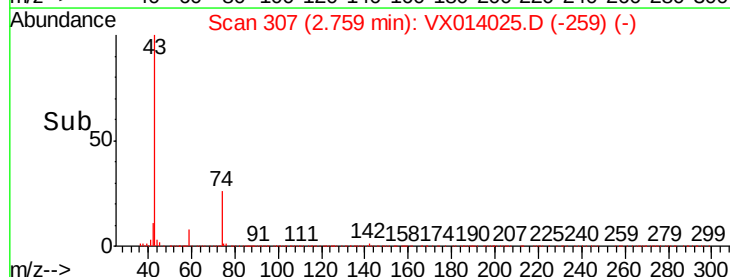
60000

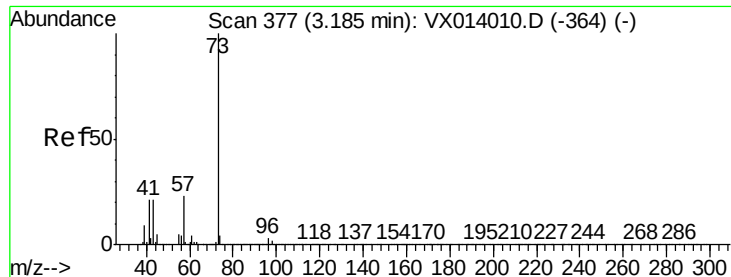
40000

20000

0

Time--> 2.65 2.70 2.75 2.80 2.85



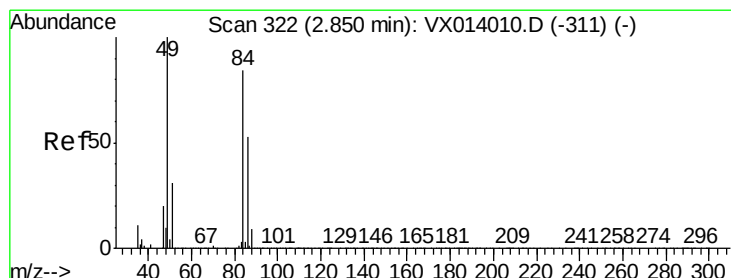
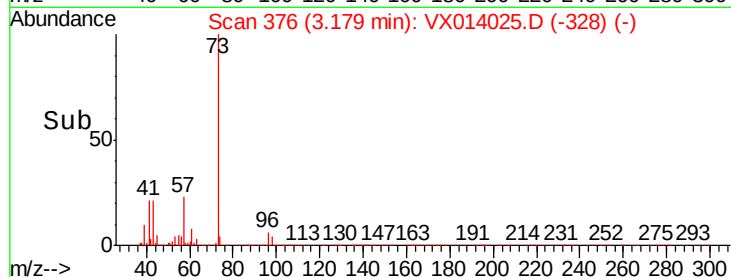
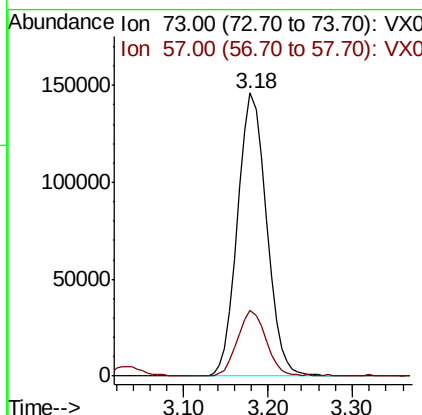
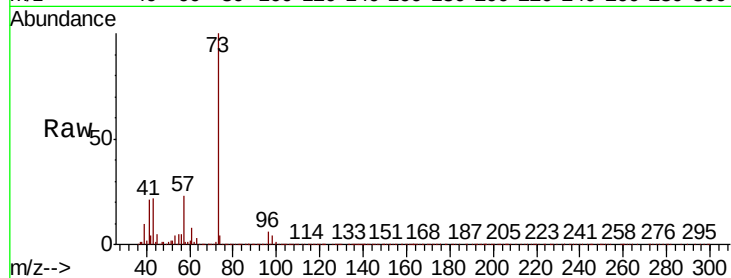


#19

Methyl tert-butyl Ether
 Concen: 18.181 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014025.D
 Acq: 16 Dec 2019 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBS01

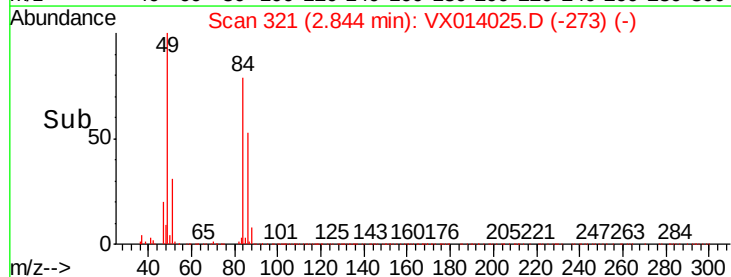
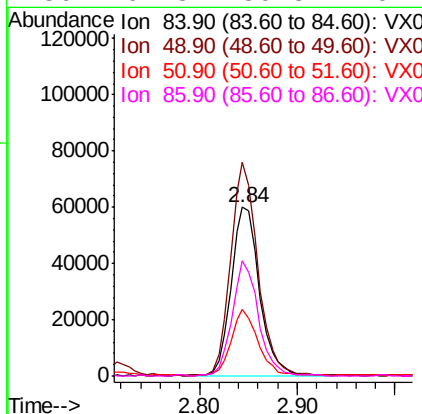
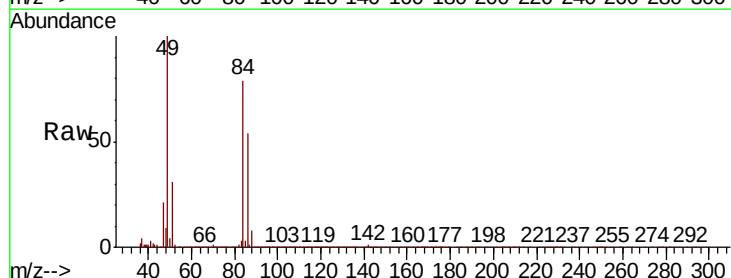
Tot Ion: 73 Resp: 338751
 Ion Ratio Lower Upper
 73 100
 57 22.9 18.8 28.2

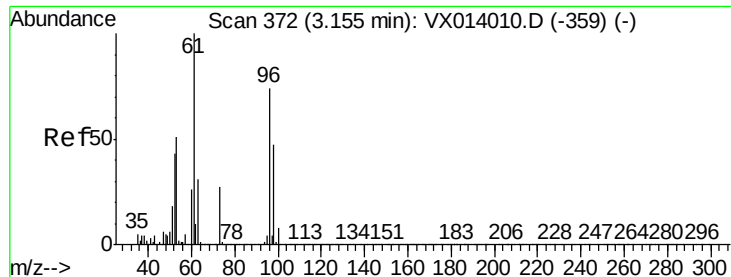


#20

Methylene Chloride
 Concen: 17.765 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX014025.D
 Acq: 16 Dec 2019 11:10

Tgt Ion: 84 Resp: 121334
 Ion Ratio Lower Upper
 84 100
 49 126.0 95.8 143.6
 51 39.5 29.8 44.8
 86 67.8 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 17.328 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014025.D

Acq: 16 Dec 2019 11:10

Instrument :

MSVOA_X

ClientSampled :

VX1216WBS01

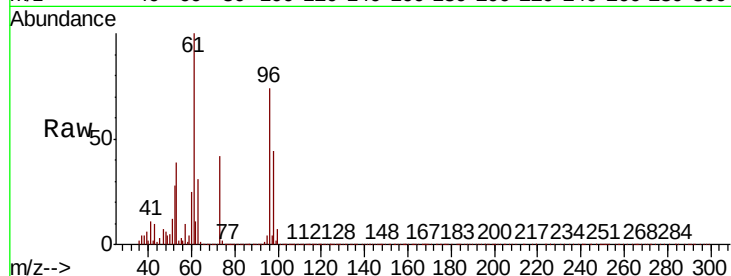
Tot Ion: 96 Resp: 108241

Ion Ratio Lower Upper

96 100

61 134.6 108.3 162.5

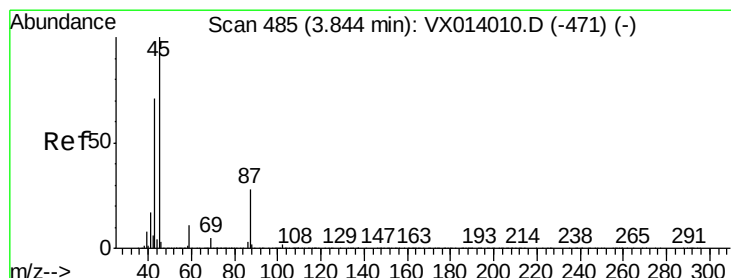
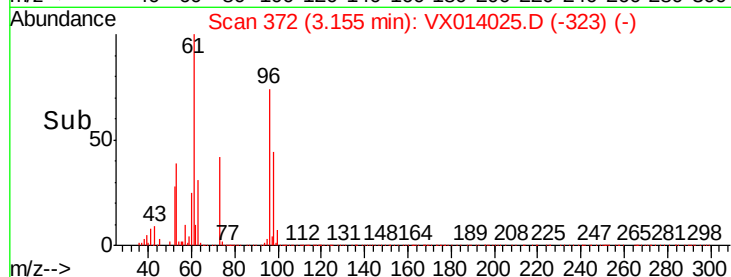
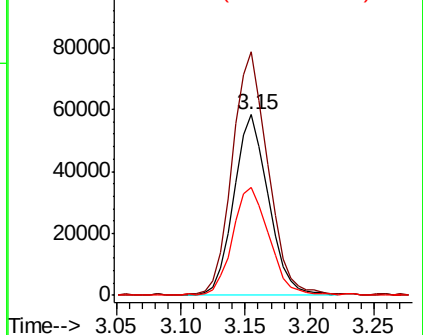
98 59.4 50.8 76.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.305 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014025.D

Acq: 16 Dec 2019 11:10

Tgt Ion: 45 Resp: 369300

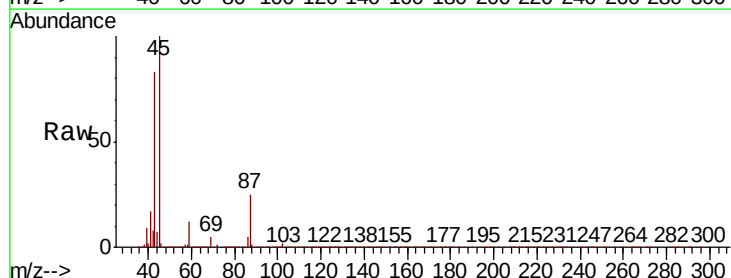
Ion Ratio Lower Upper

45 100

43 82.6 57.4 86.0

87 25.4 21.9 32.9

59 11.6 9.0 13.6

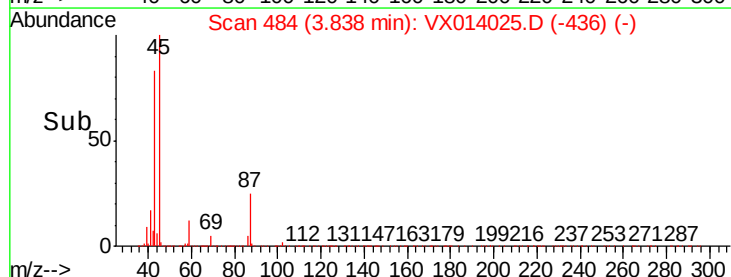
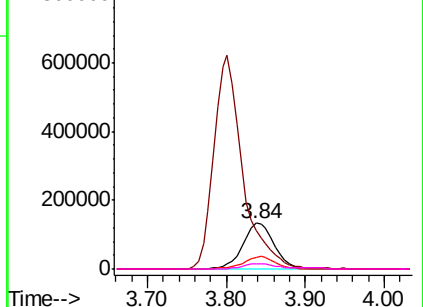


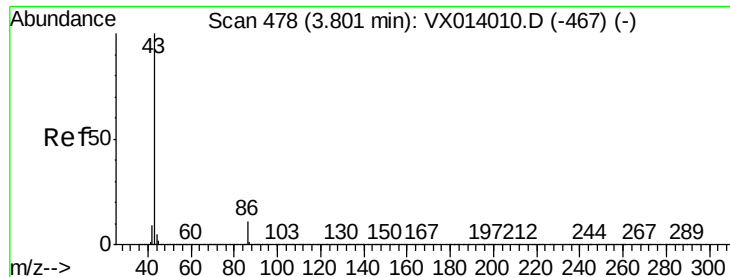
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 96.458 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014025.D

Acq: 16 Dec 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

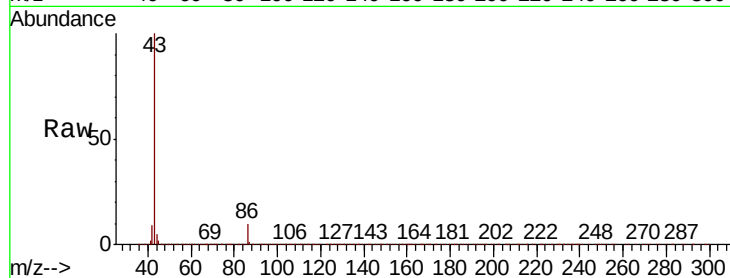
VX1216WBS01

Tot Ion: 43 Resp: 1588036

Ion Ratio Lower Upper

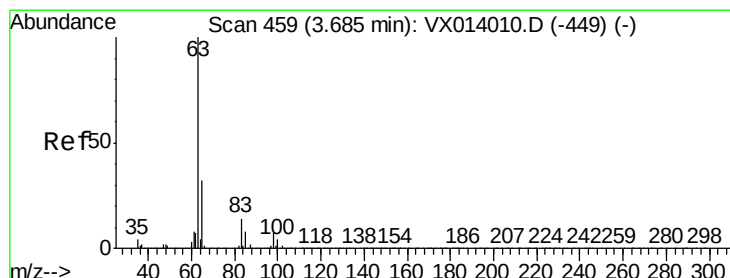
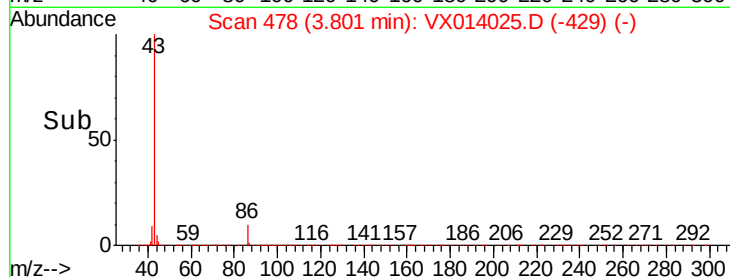
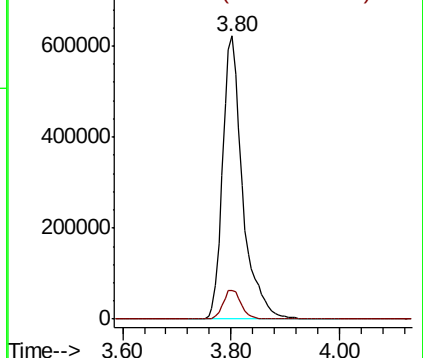
43 100

86 10.2 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 17.906 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014025.D

Acq: 16 Dec 2019 11:10

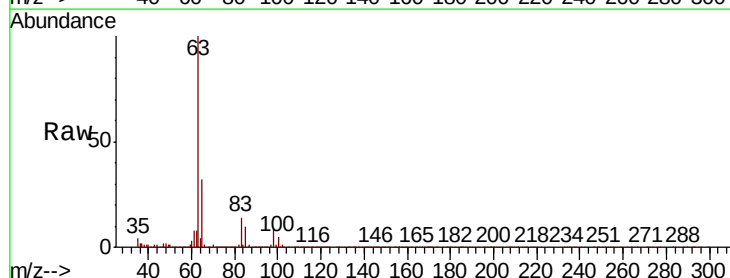
Tgt Ion: 63 Resp: 200985

Ion Ratio Lower Upper

63 100

98 8.6 3.6 10.8

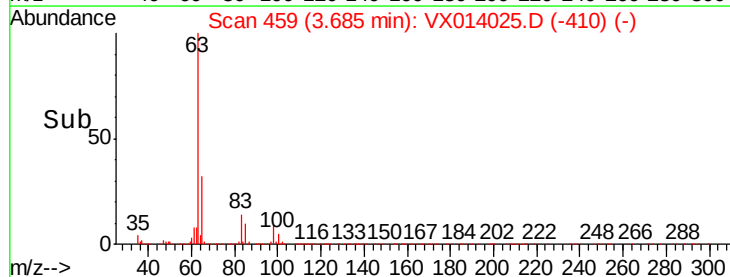
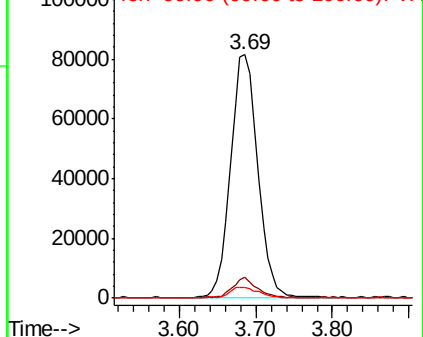
100 4.4 2.3 6.8

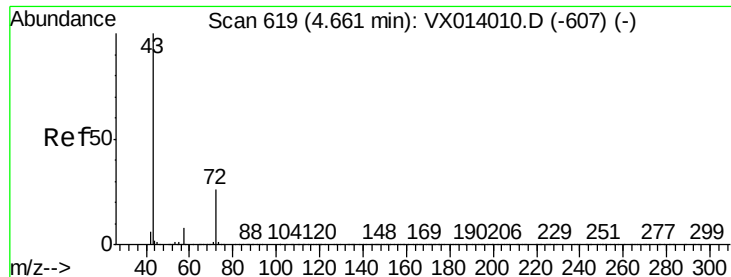


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 88.390 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014025.D

Acq: 16 Dec 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

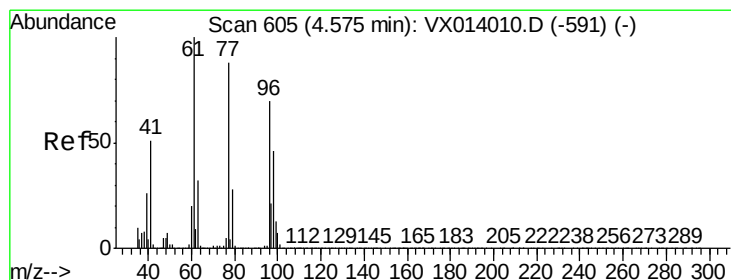
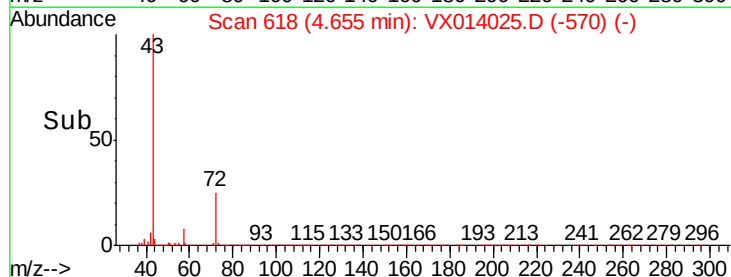
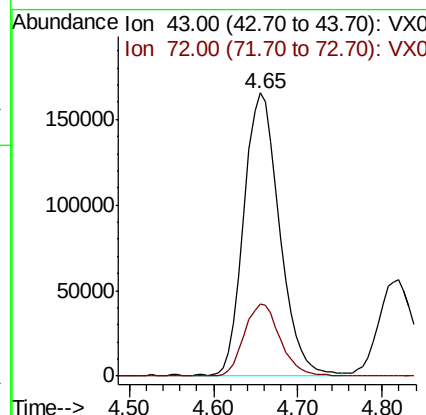
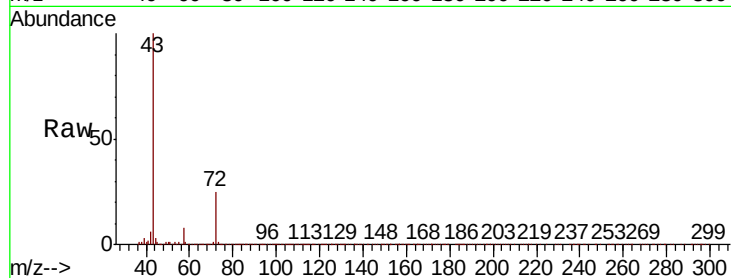
VX1216WBS01

Tot Ion: 43 Resp: 472640

Ion Ratio Lower Upper

43 100

72 25.2 21.0 31.4



#26

2,2-Dichloropropane

Concen: 18.525 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014025.D

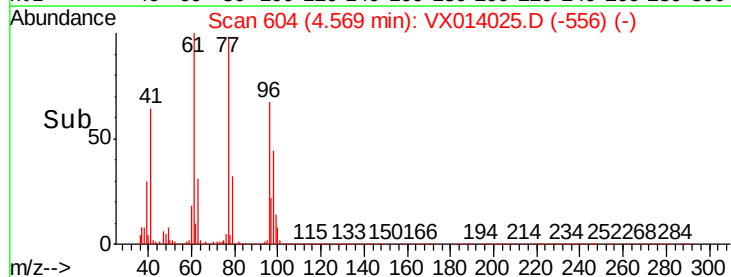
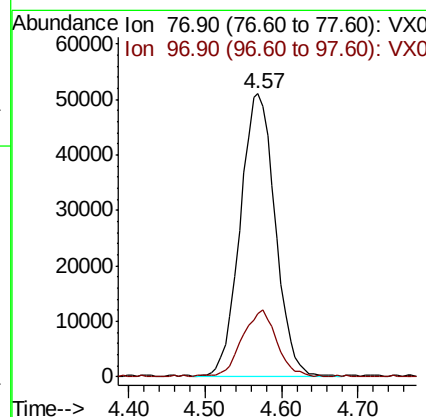
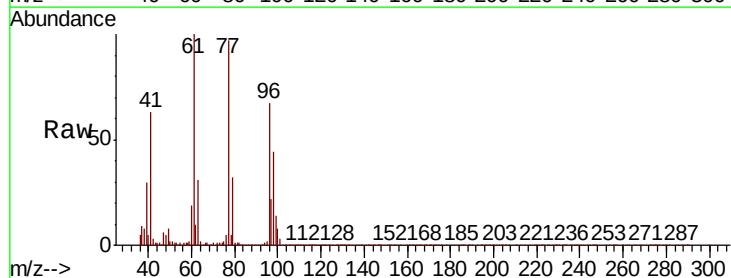
Acq: 16 Dec 2019 11:10

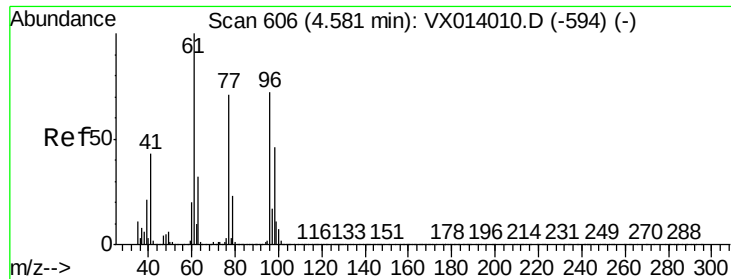
Tgt Ion: 77 Resp: 161438

Ion Ratio Lower Upper

77 100

97 22.7 11.9 35.9



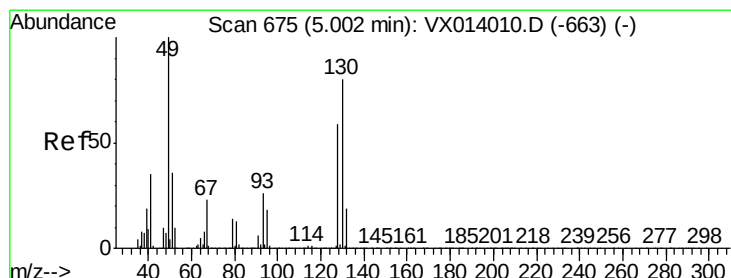
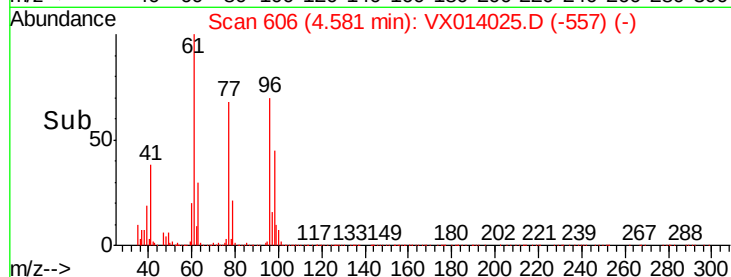
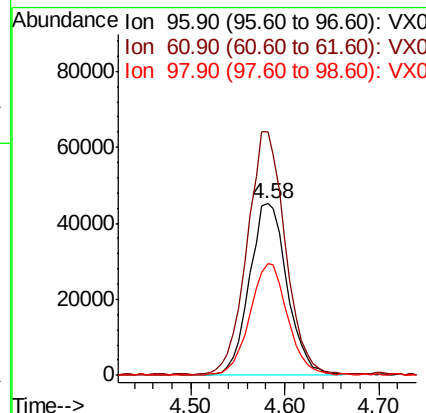
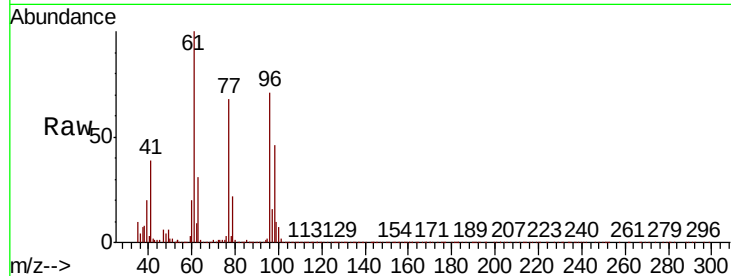


#27

cis-1,2-Dichloroethene
 Concen: 17.752 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VX014025.D
 Acq: 16 Dec 2019 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBS01

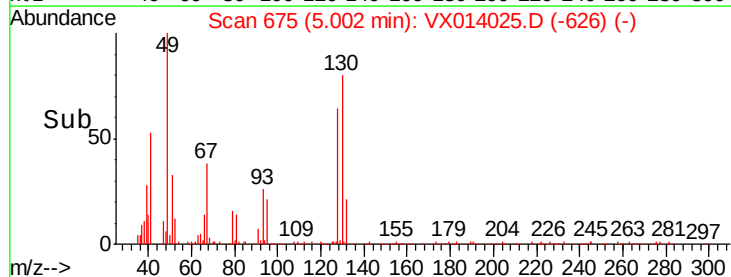
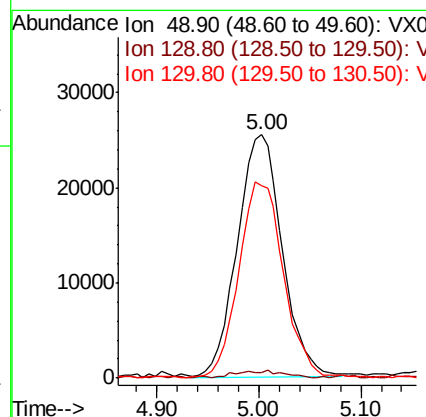
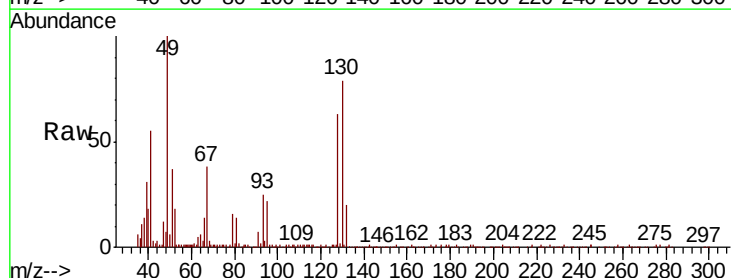
Tot Ion	Ratio	Lower	Upper
96	100		
61	143.8	0.0	288.4
98	65.9	0.0	129.6

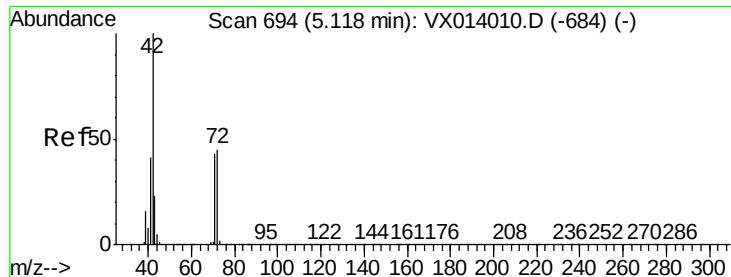


#28

Bromochloromethane
 Concen: 18.312 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX014025.D
 Acq: 16 Dec 2019 11:10

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.2	0.0	5.0
130	81.3	64.6	97.0





#29

Tetrahydrofuran

Concen: 91.621 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX014025.D

Acq: 16 Dec 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBS01

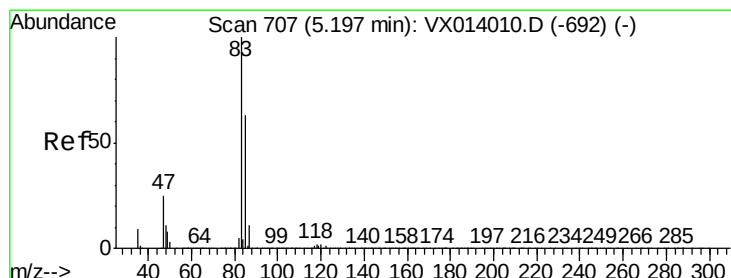
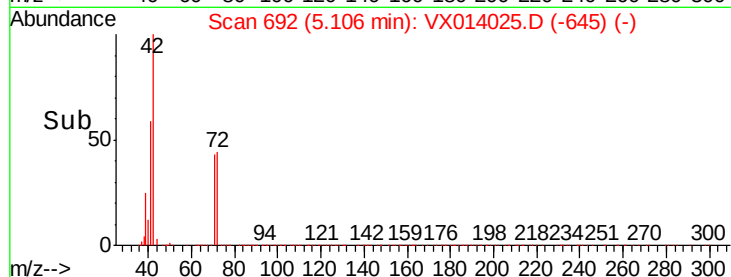
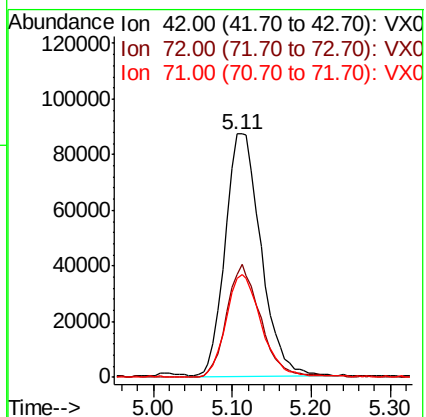
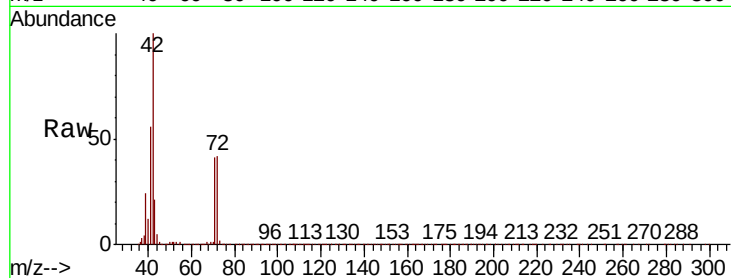
Tot Ion: 42 Resp: 274023

Ion Ratio Lower Upper

42 100

72 44.0 35.8 53.8

71 41.4 33.6 50.4



#30

Chloroform

Concen: 18.043 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX014025.D

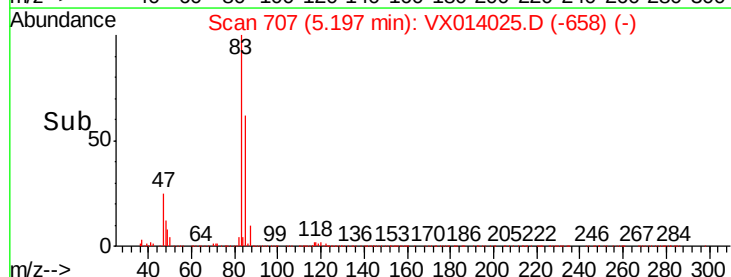
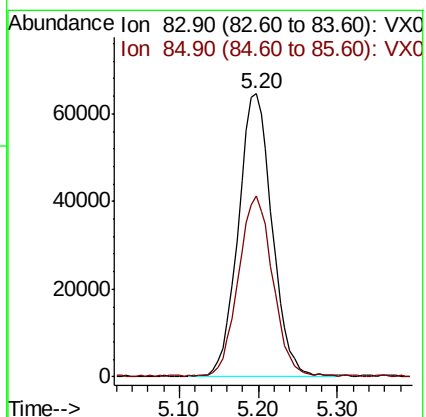
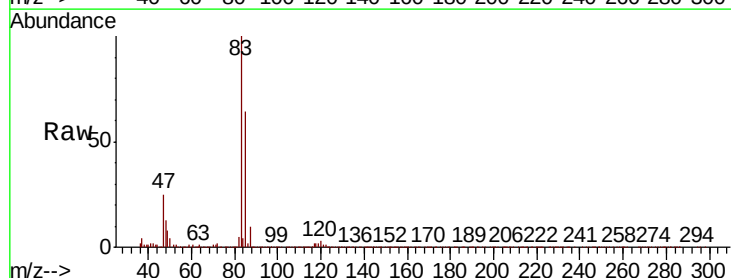
Acq: 16 Dec 2019 11:10

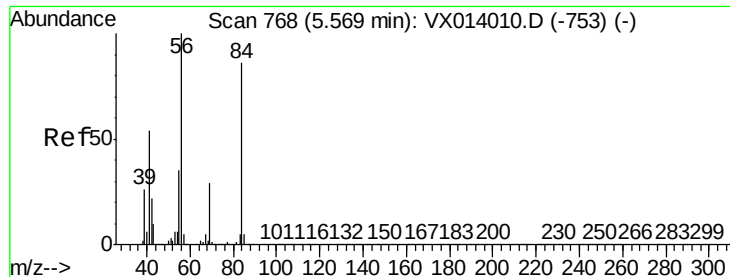
Tgt Ion: 83 Resp: 191982

Ion Ratio Lower Upper

83 100

85 63.5 50.8 76.2

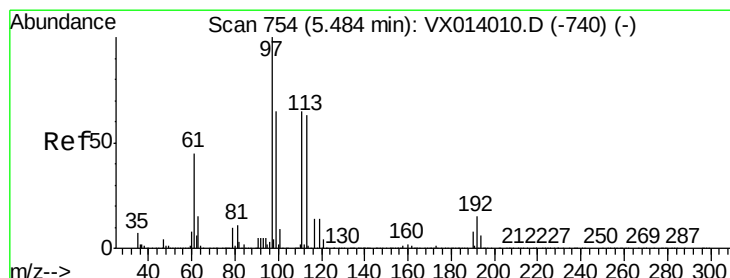
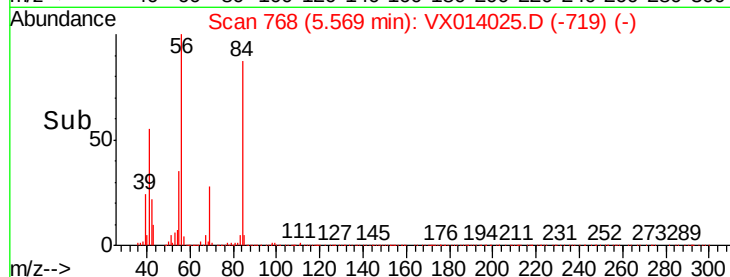
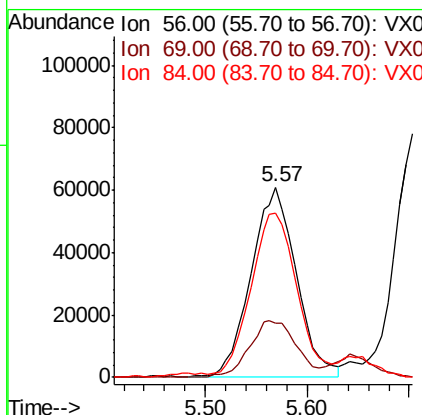
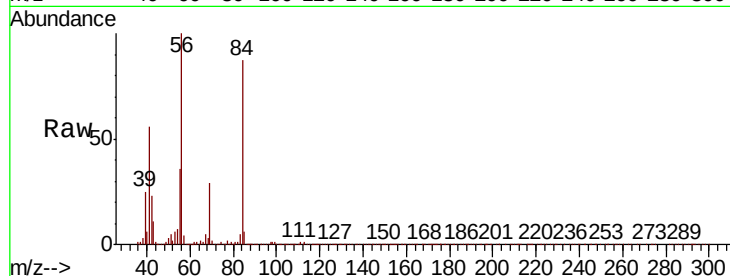




#31
Cyclohexane
Concen: 18.778 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014025.D
Acq: 16 Dec 2019 11:10

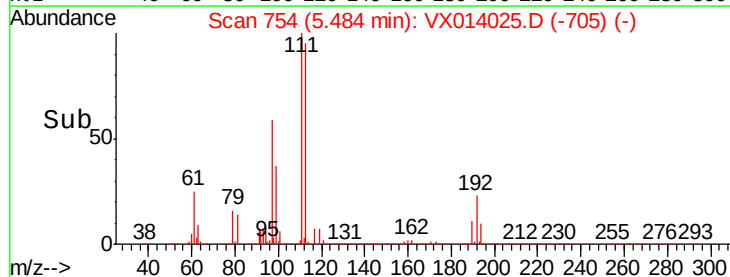
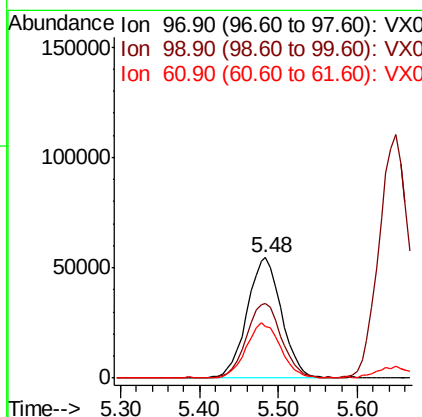
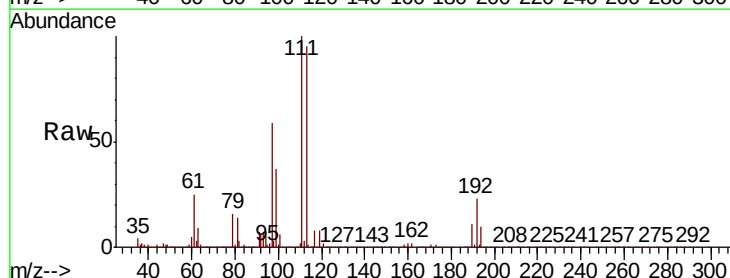
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS01

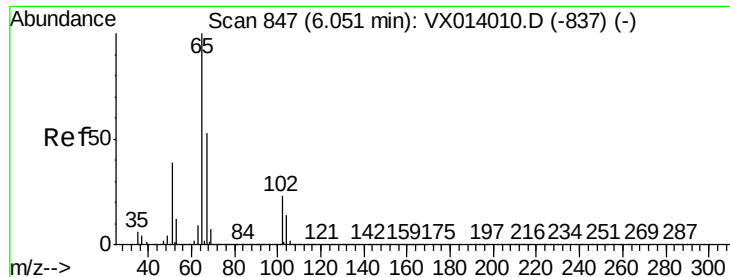
Tot Ion: 56 Resp: 187461
Ion Ratio Lower Upper
56 100
69 28.4 23.2 34.8
84 85.2 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 18.084 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014025.D
Acq: 16 Dec 2019 11:10

Tgt Ion: 97 Resp: 163990
Ion Ratio Lower Upper
97 100
99 63.6 52.0 78.0
61 45.8 36.7 55.1

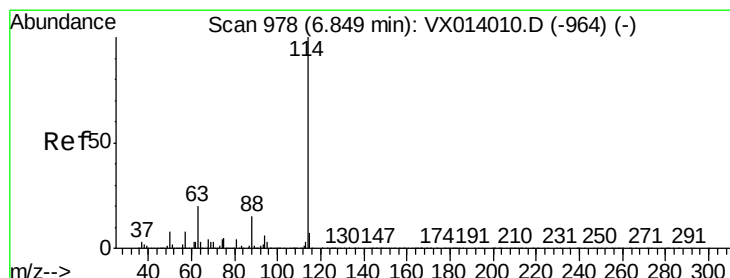
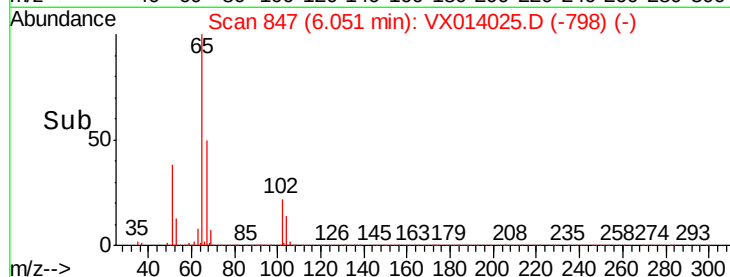
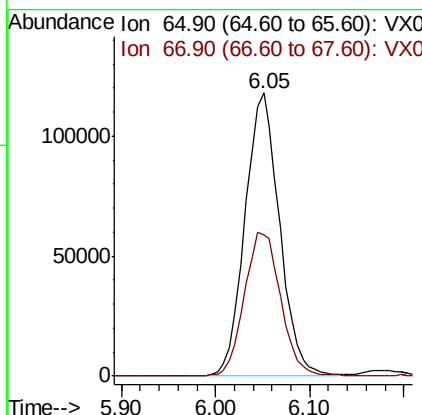
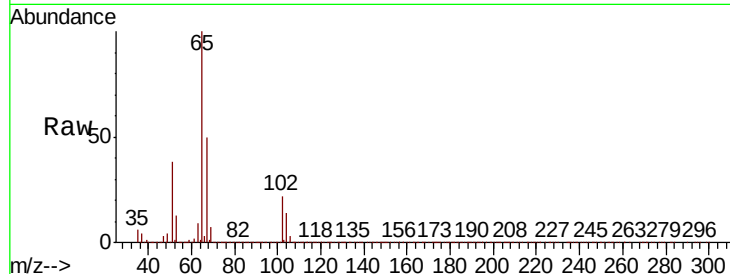




#33
 1,2-Dichloroethane-d4
 Concen: 45.372 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014025.D
 Acq: 16 Dec 2019 11:10

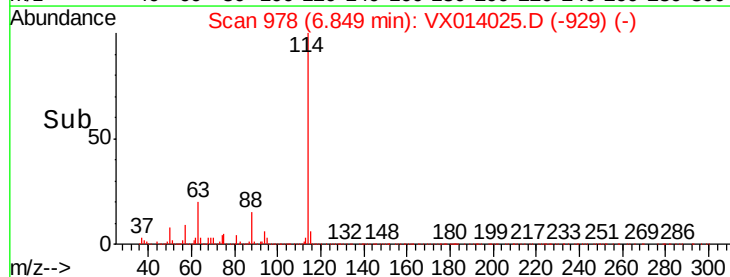
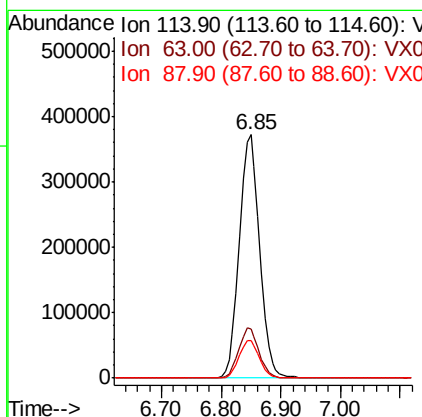
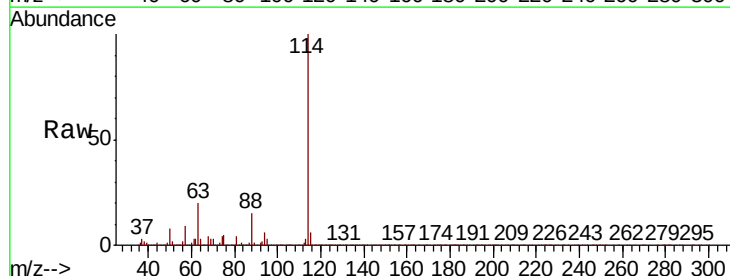
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBS01

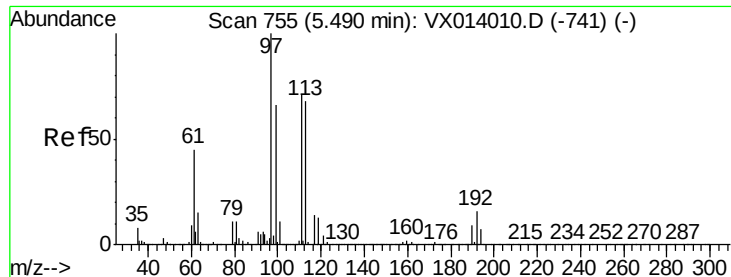
Tot Ion: 65 Resp: 303118
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014025.D
 Acq: 16 Dec 2019 11:10

Tgt Ion: 114 Resp: 888102
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.8
 88 15.4 0.0 30.4

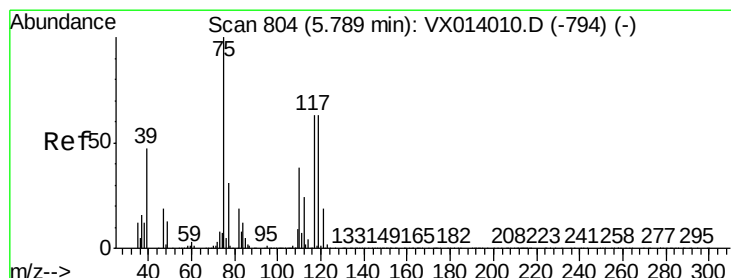
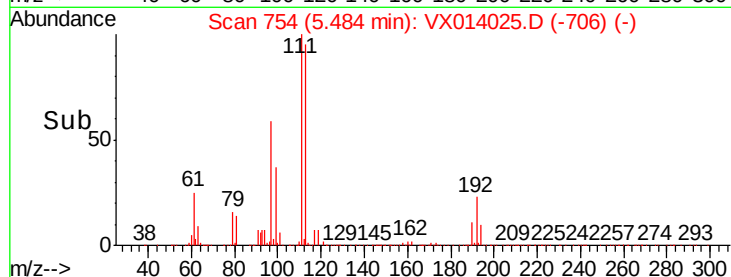
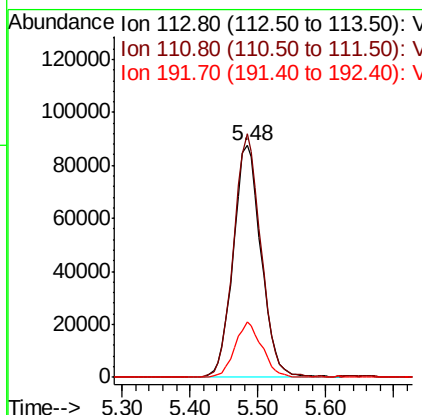
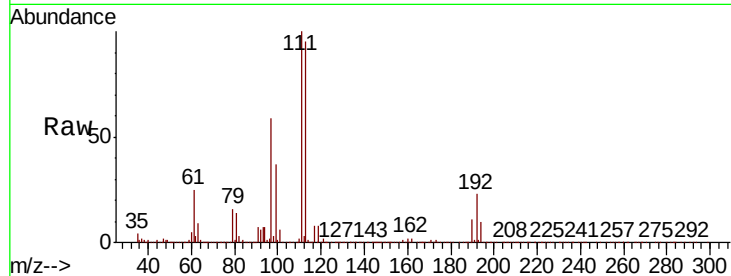




#35
 Dibromofluoromethane
 Concen: 46.021 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX014025.D
 Acq: 16 Dec 2019 11:10

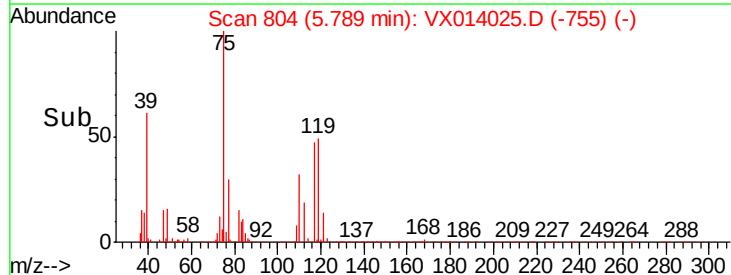
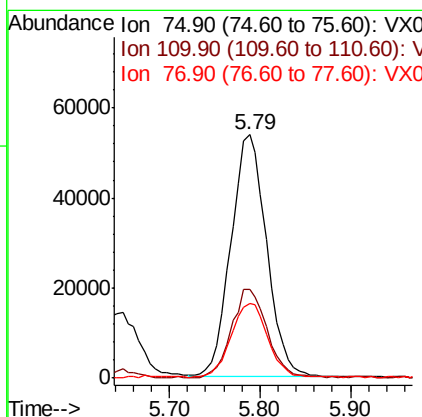
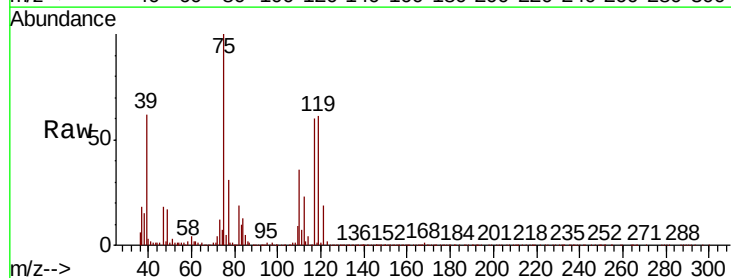
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBS01

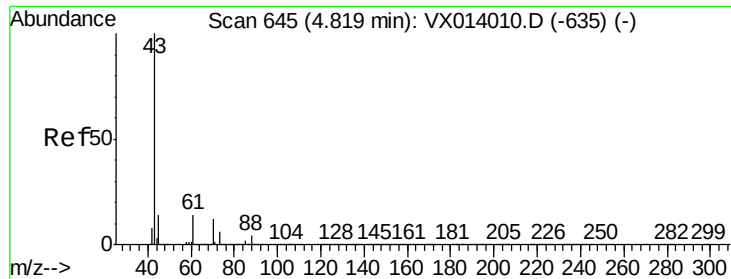
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.0	123.0
192	23.3	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 17.903 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX014025.D
 Acq: 16 Dec 2019 11:10

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	18.3	54.9
77	31.9	24.8	37.2

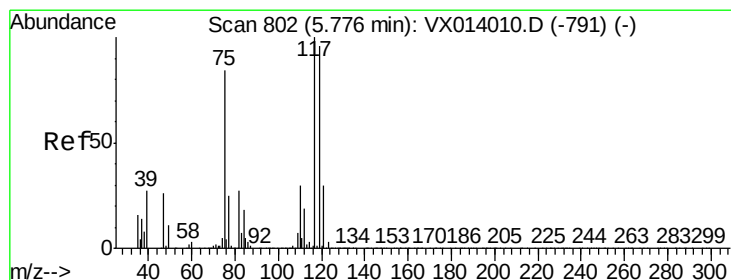
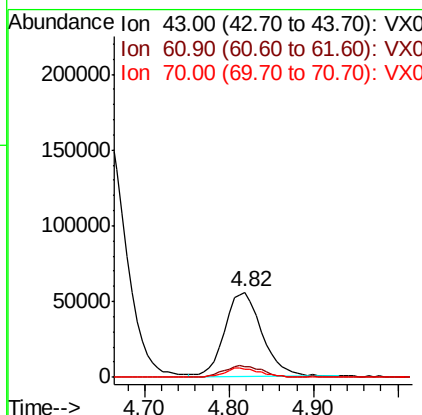
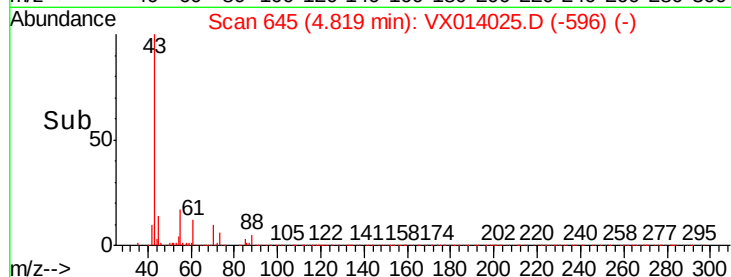
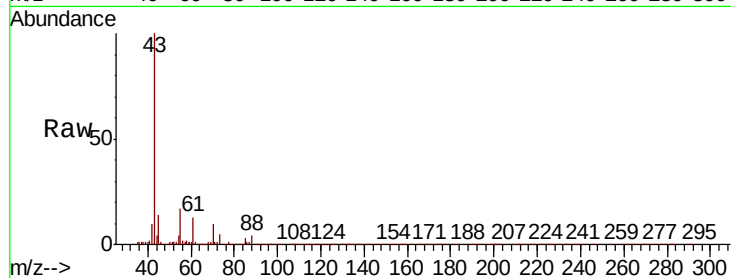




#37
Ethyl Acetate
Concen: 18.543 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014025.D
Acq: 16 Dec 2019 11:10

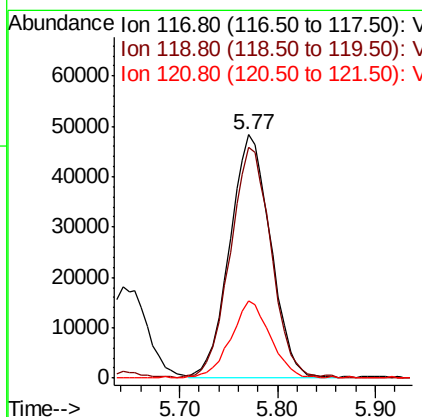
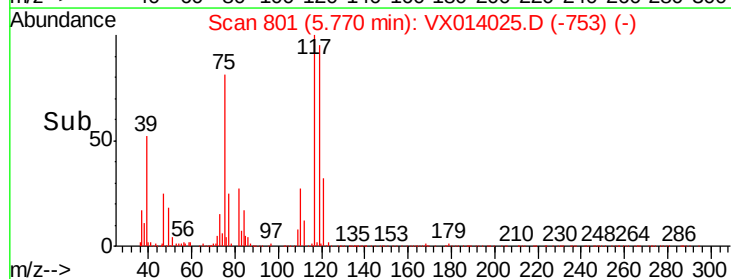
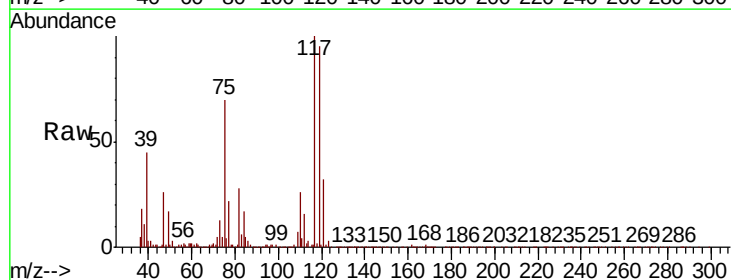
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS01

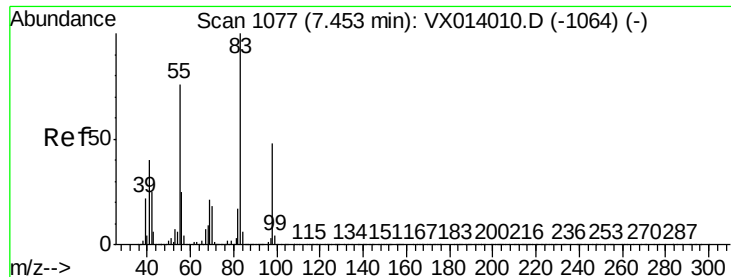
Tot Ion: 43 Resp: 166866
Ion Ratio Lower Upper
43 100
61 13.3 10.8 16.2
70 11.2 8.6 12.8



#38
Carbon Tetrachloride
Concen: 18.740 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014025.D
Acq: 16 Dec 2019 11:10

Tgt Ion: 117 Resp: 139115
Ion Ratio Lower Upper
117 100
119 94.9 76.2 114.4
121 31.7 23.6 35.4

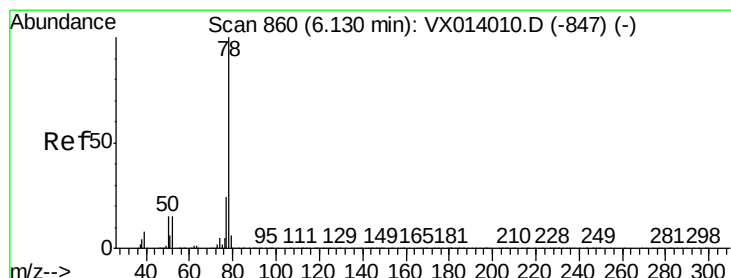
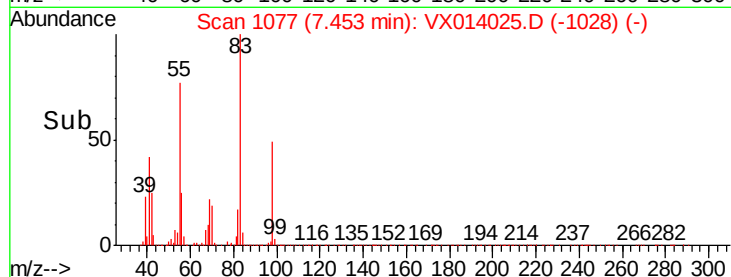
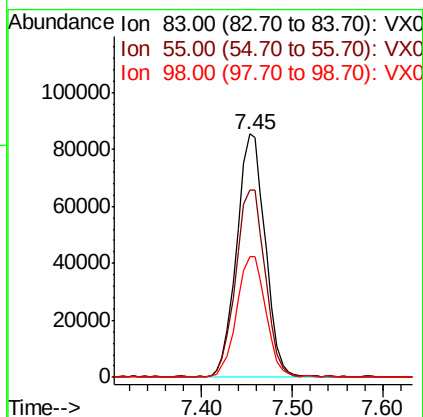
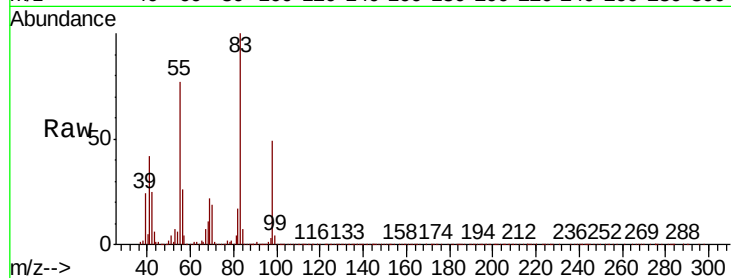




#39
Methylvlcyclohexane
Concen: 18.437 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014025.D
Acq: 16 Dec 2019 11:10

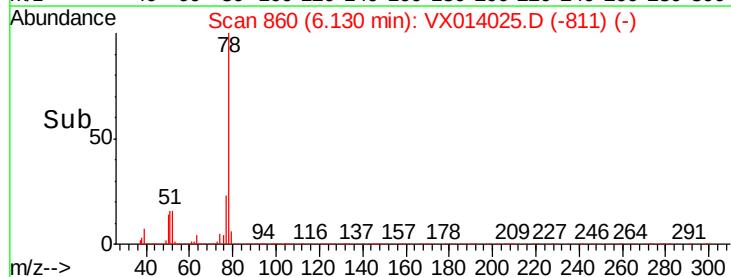
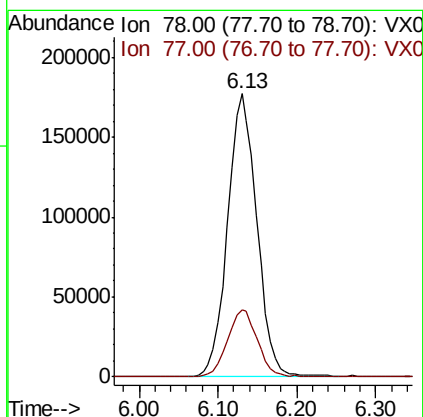
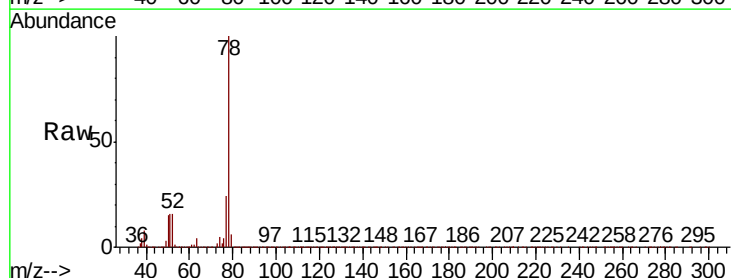
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS01

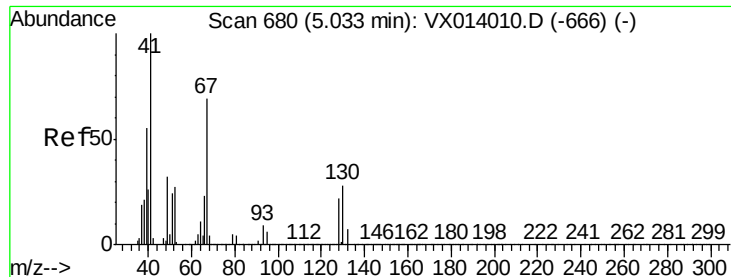
Tot Ion	83.00	Resp	185506
Ion Ratio	Lower	Upper	
83	100		
55	76.9	61.0	91.6
98	49.4	38.6	57.8



#40
Benzene
Concen: 18.140 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014025.D
Acq: 16 Dec 2019 11:10

Tgt Ion	78.00	Resp	454819
Ion Ratio	Lower	Upper	
78	100		
77	23.5	18.8	28.2

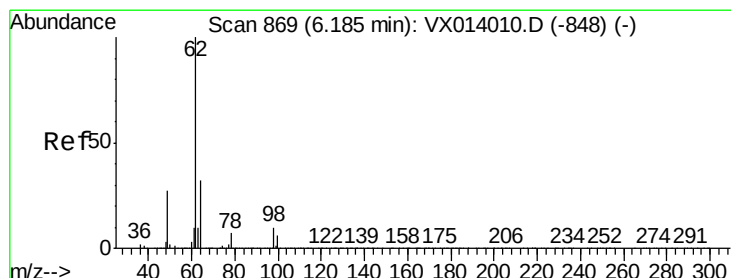
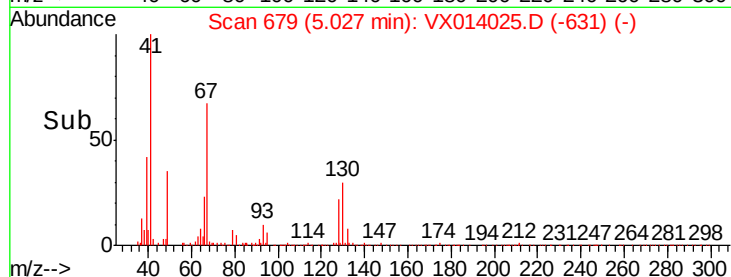
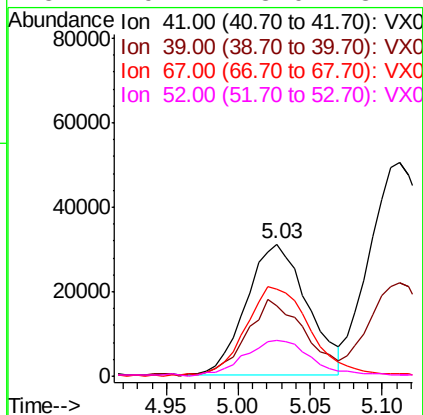
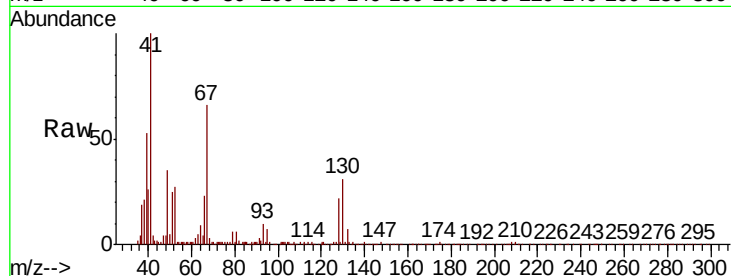




#41
Methacrylonitrile
Concen: 18.272 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014025.D
Acq: 16 Dec 2019 11:10

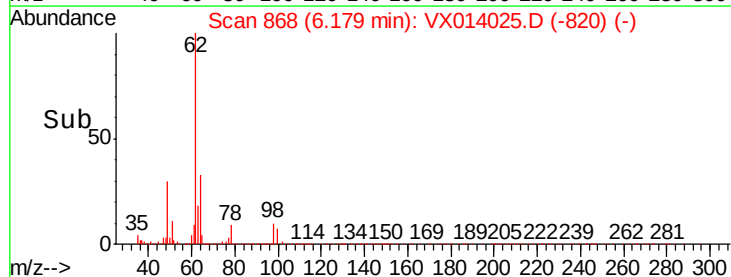
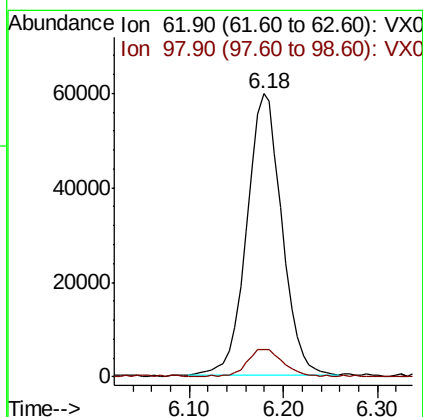
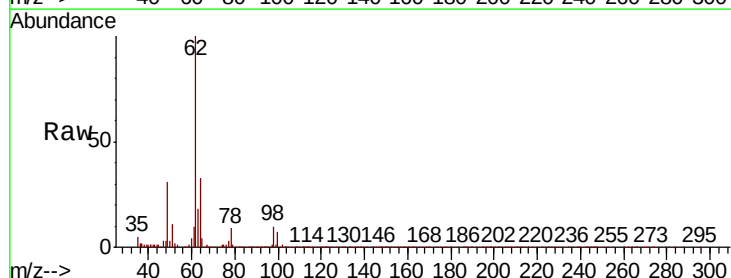
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS01

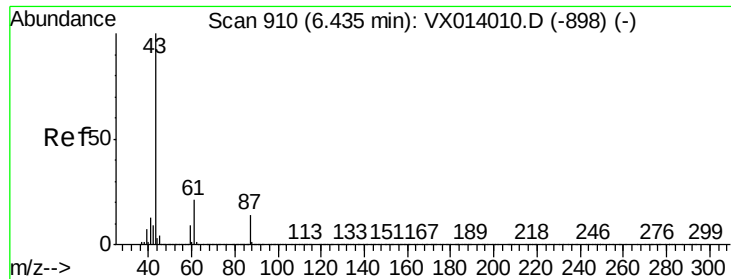
Tot Ion:	41	Resp:	91232
Ion	Ratio	Lower	Upper
41	100		
39	57.1	44.5	66.7
67	71.8	57.4	86.0
52	29.7	23.0	34.4



#42
1,2-Dichloroethane
Concen: 18.259 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014025.D
Acq: 16 Dec 2019 11:10

Tgt Ion:	62	Resp:	155186
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.0





#43

Isopropyl Acetate

Concen: 18.298 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014025.D

Acq: 16 Dec 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBS01

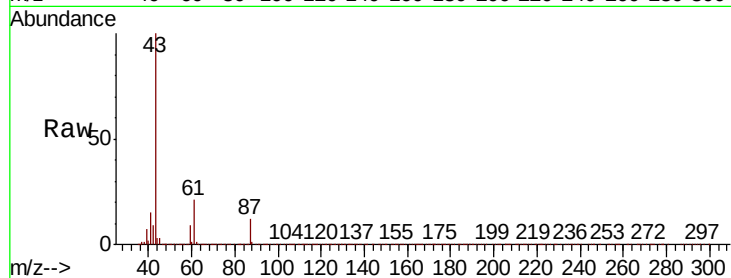
Tot Ion: 43 Resp: 272491

Ion Ratio Lower Upper

43 100

61 21.3 16.4 24.6

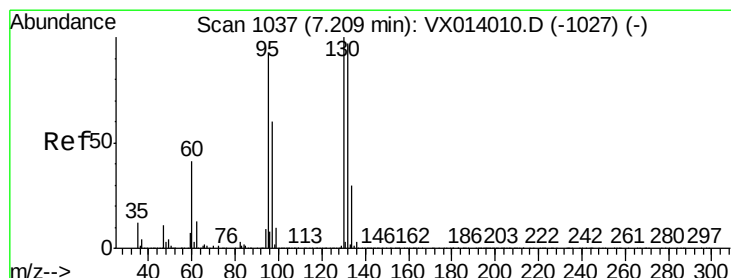
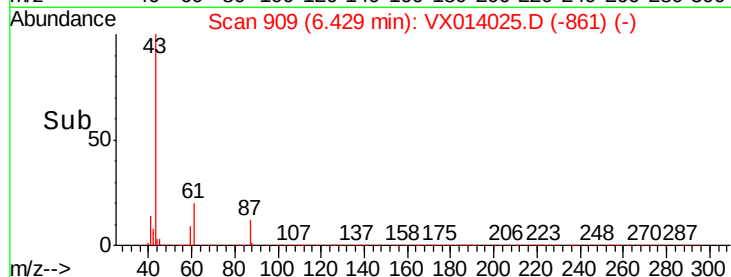
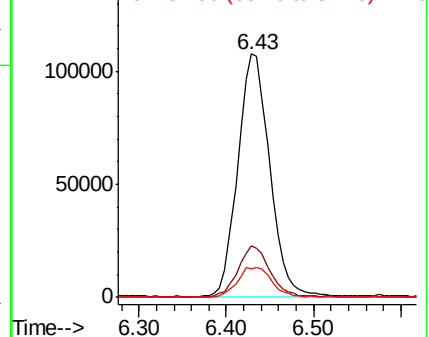
87 13.2 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 17.436 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014025.D

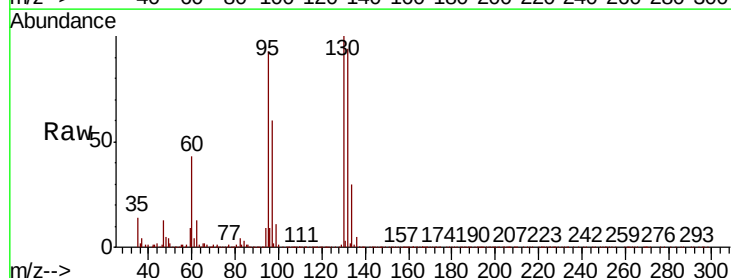
Acq: 16 Dec 2019 11:10

Tgt Ion: 130 Resp: 120754

Ion Ratio Lower Upper

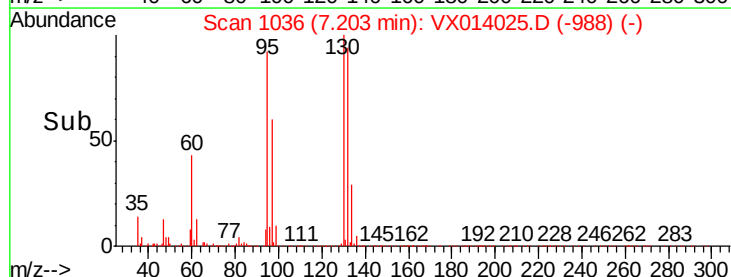
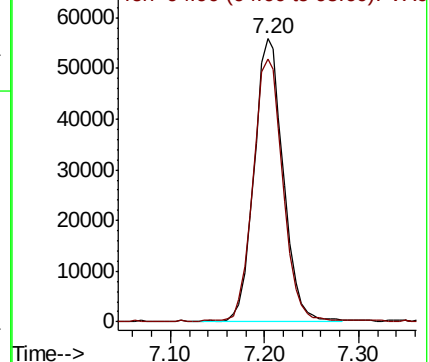
130 100

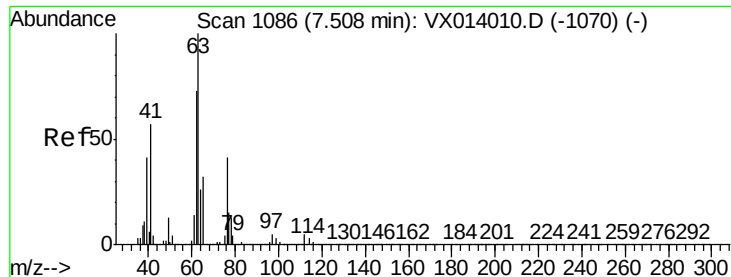
95 92.5 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 18.203 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014025.D

Acq: 16 Dec 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

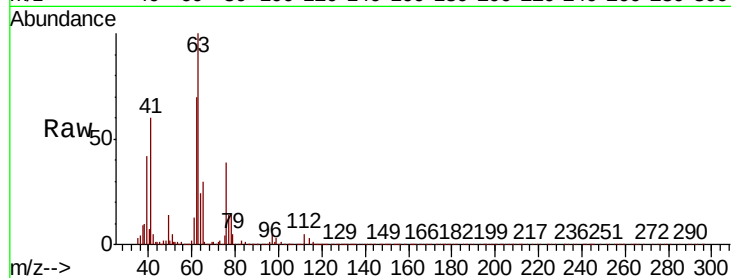
VX1216WBS01

Tot Ion: 63 Resp: 116982

Ion Ratio Lower Upper

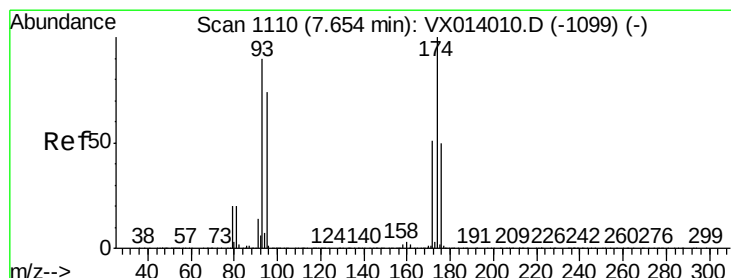
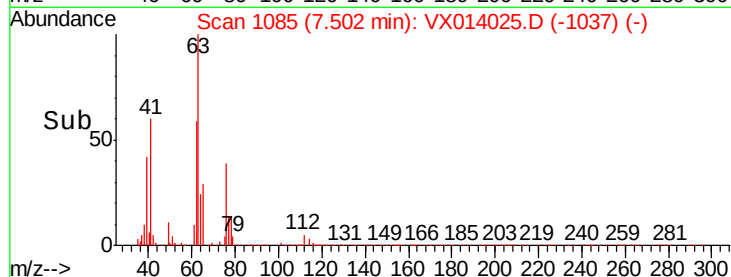
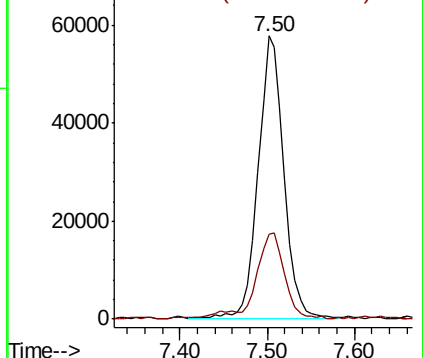
63 100

65 29.4 25.8 38.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 17.675 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX014025.D

Acq: 16 Dec 2019 11:10

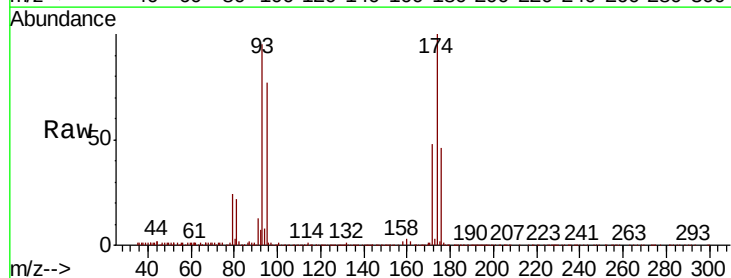
Tgt Ion: 93 Resp: 75100

Ion Ratio Lower Upper

93 100

95 83.3 67.3 100.9

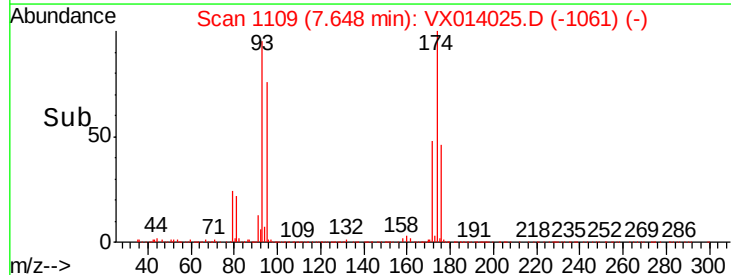
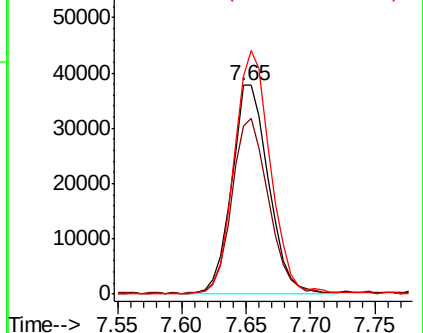
174 114.7 91.6 137.4

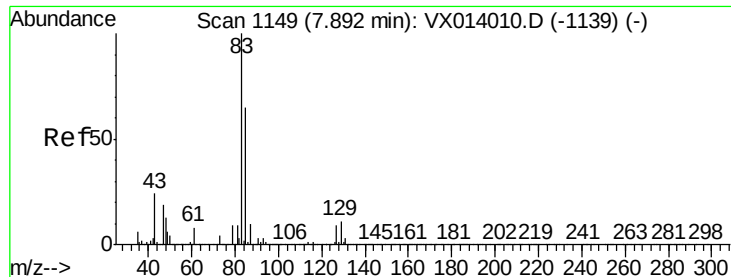


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.367 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014025.D

Acq: 16 Dec 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBS01

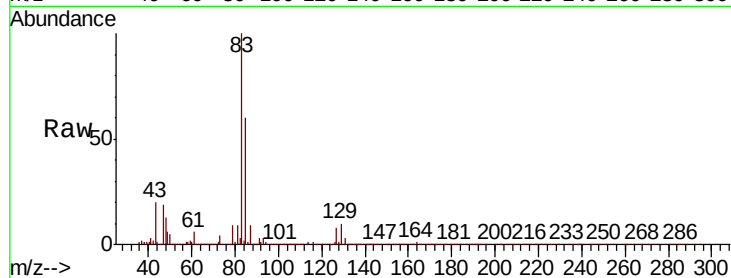
Tot Ion: 83 Resp: 146971

Ion Ratio Lower Upper

83 100

85 60.0 51.8 77.8

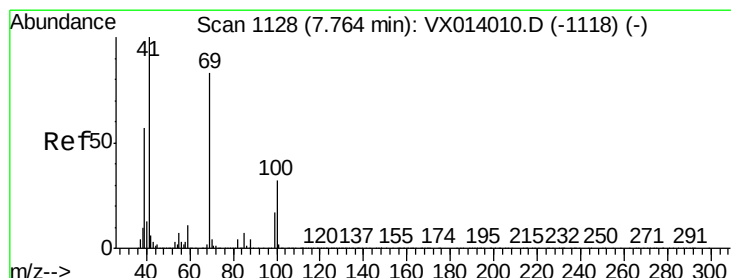
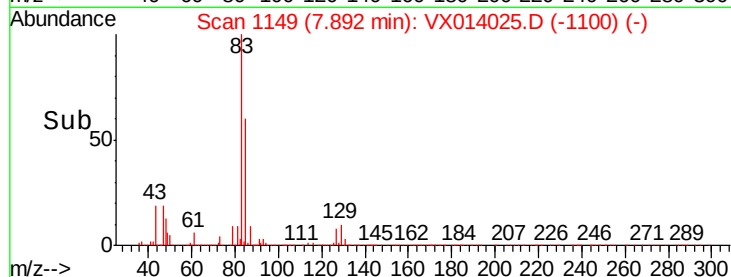
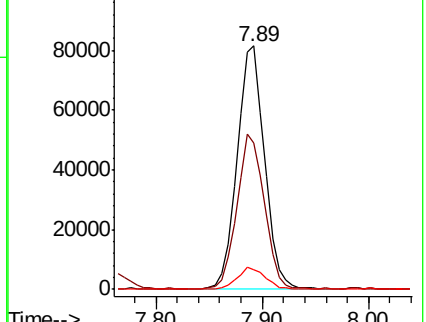
127 7.8 7.0 10.4



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: 18.425 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014025.D

Acq: 16 Dec 2019 11:10

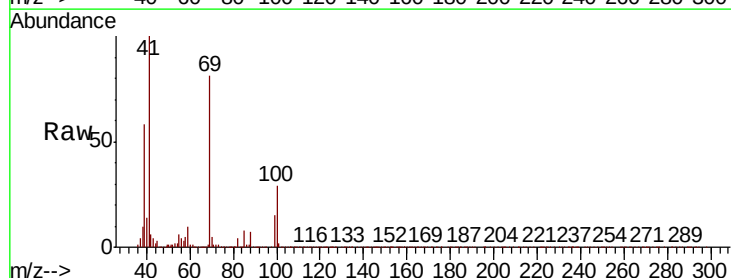
Tgt Ion: 41 Resp: 134358

Ion Ratio Lower Upper

41 100

69 80.8 65.8 98.6

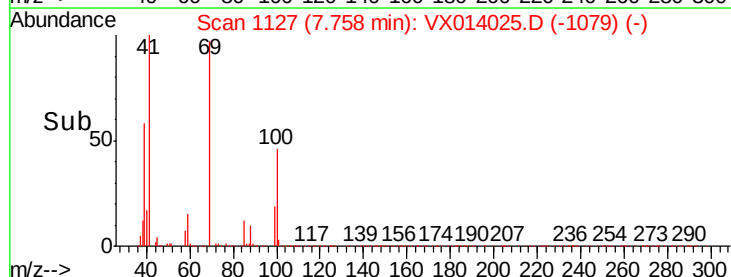
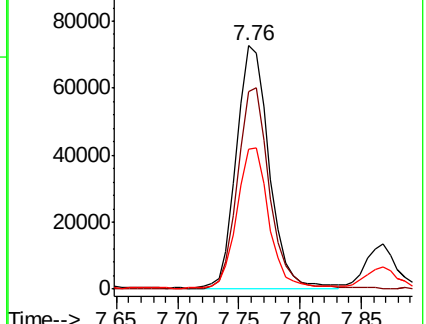
39 57.0 44.6 67.0

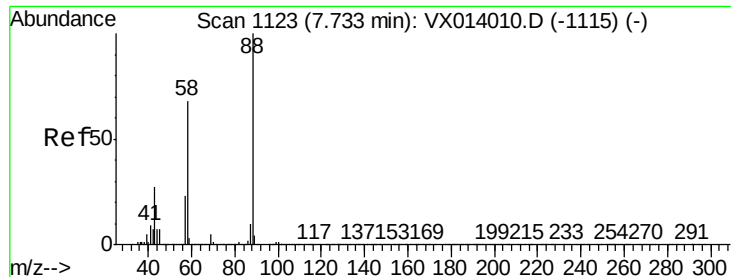


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 348.529 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014025.D

Acq: 16 Dec 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBS01

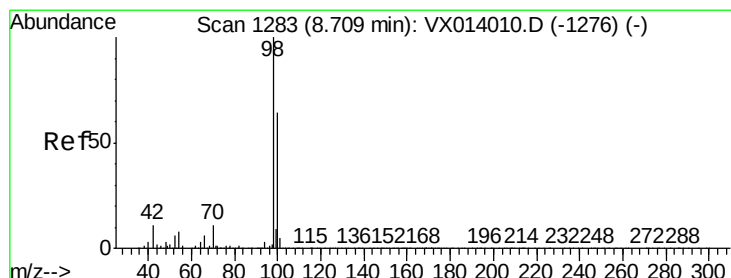
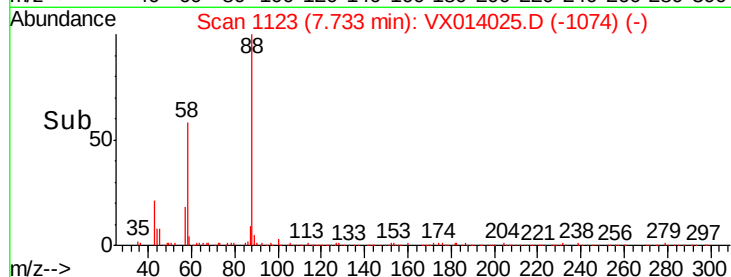
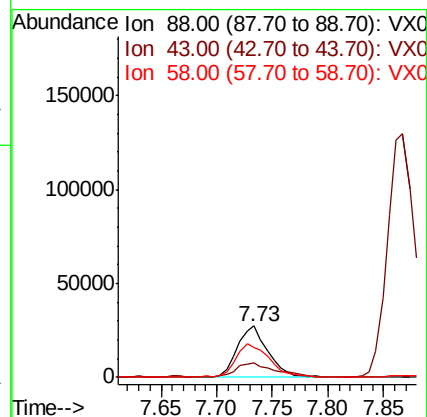
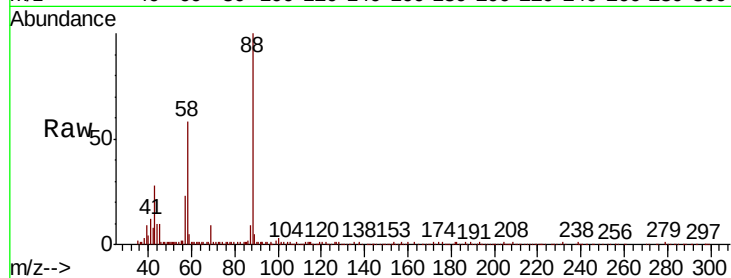
Tot Ion: 88 Resp: 51722

Ion Ratio Lower Upper

88 100

43 33.5 26.5 39.7

58 71.6 56.8 85.2



#50

Toluene-d8

Concen: 45.955 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014025.D

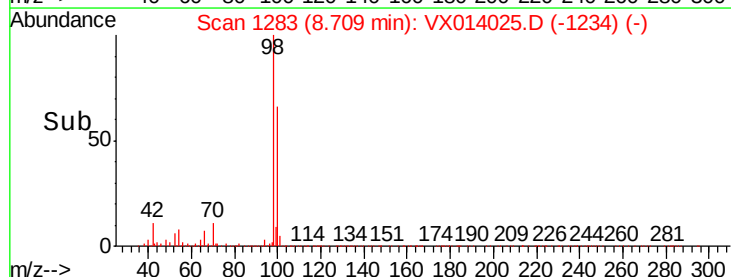
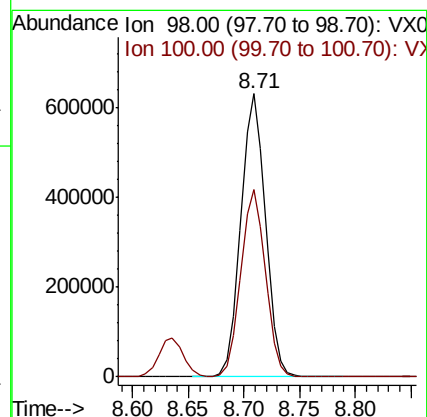
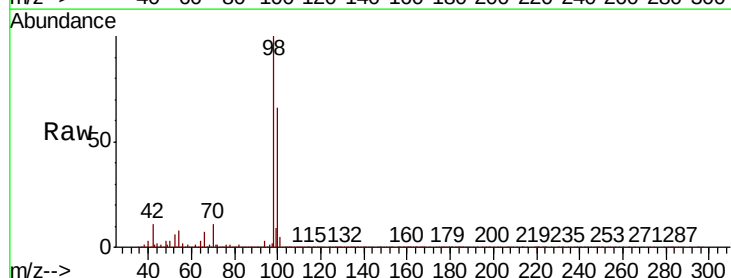
Acq: 16 Dec 2019 11:10

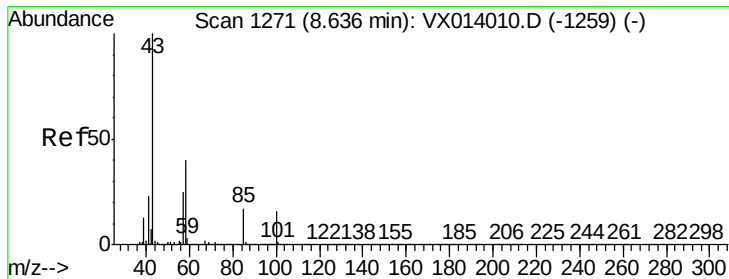
Tgt Ion: 98 Resp: 965903

Ion Ratio Lower Upper

98 100

100 66.1 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 90.774 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014025.D

Acq: 16 Dec 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

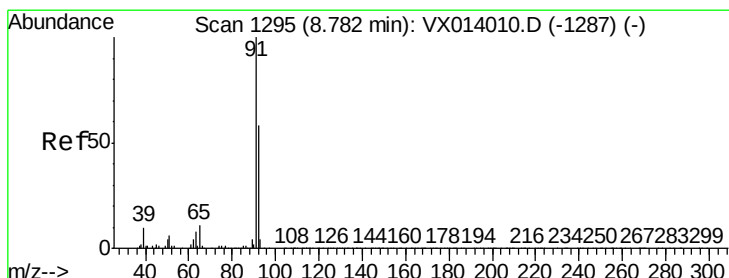
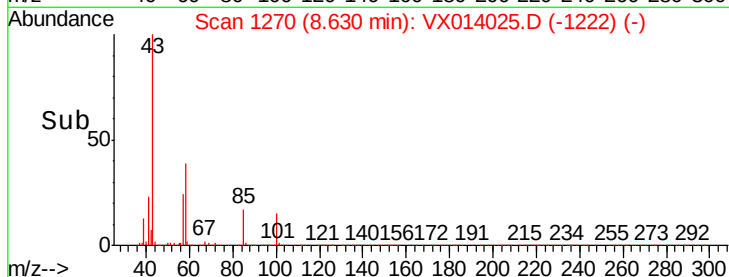
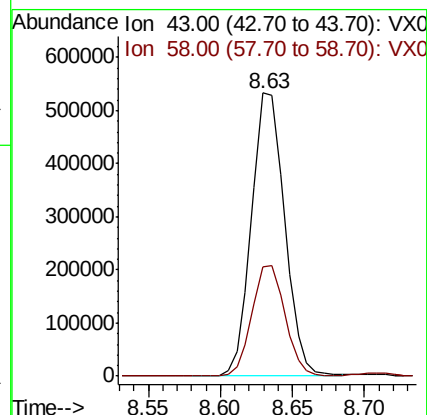
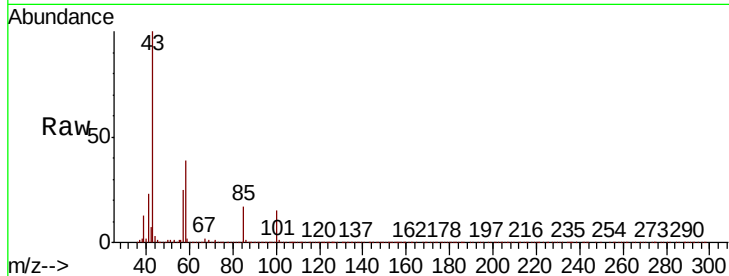
VX1216WBS01

Tot Ion: 43 Resp: 848972

Ion Ratio Lower Upper

43 100

58 39.2 32.2 48.2



#52

Toluene

Concen: 17.776 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014025.D

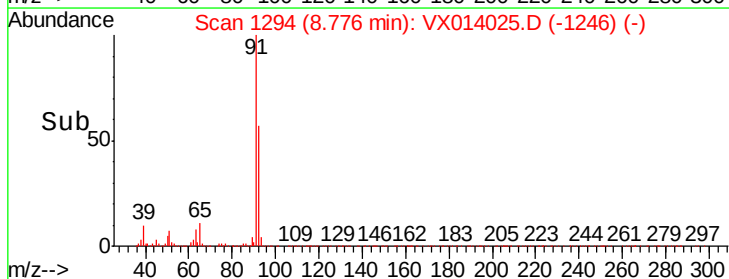
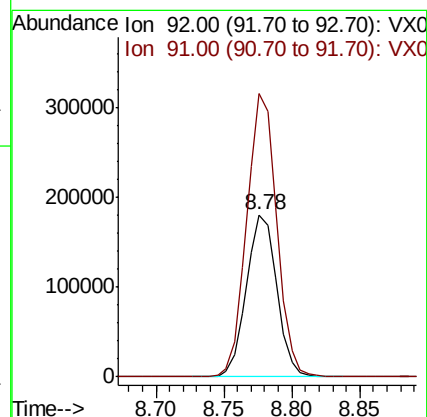
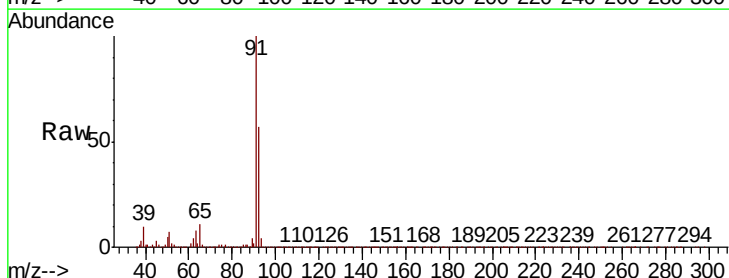
Acq: 16 Dec 2019 11:10

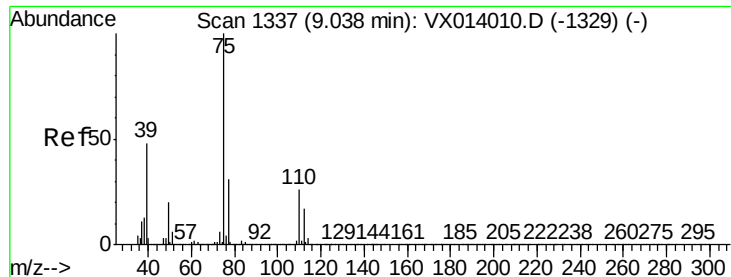
Tgt Ion: 92 Resp: 281704

Ion Ratio Lower Upper

92 100

91 173.2 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 18.257 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014025.D

Acq: 16 Dec 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

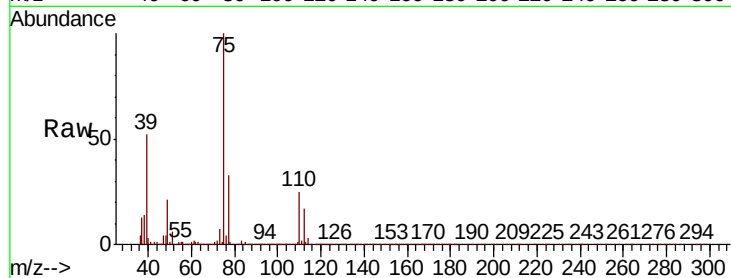
VX1216WBS01

Tot Ion: 75 Resp: 160189

Ion Ratio Lower Upper

75 100

77 32.5 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.03

120000

100000

80000

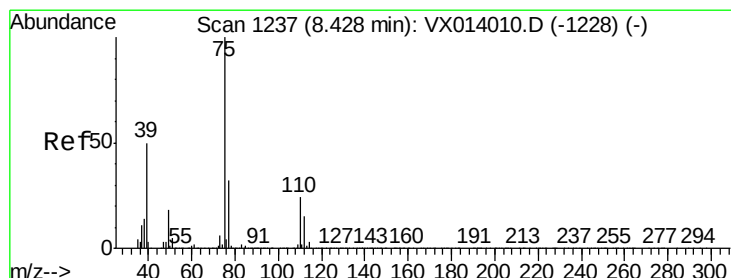
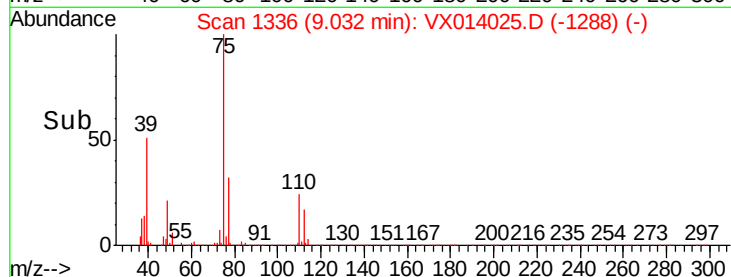
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 18.697 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014025.D

Acq: 16 Dec 2019 11:10

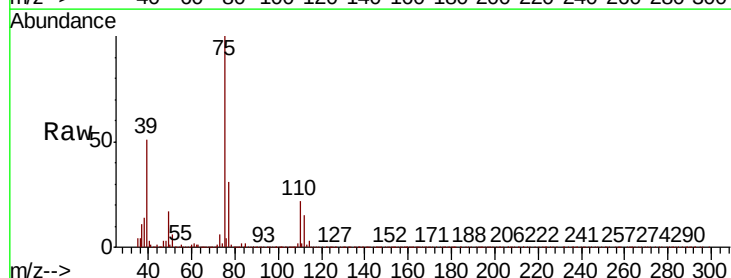
Tgt Ion: 75 Resp: 182763

Ion Ratio Lower Upper

75 100

77 31.3 25.3 37.9

39 51.1 39.9 59.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

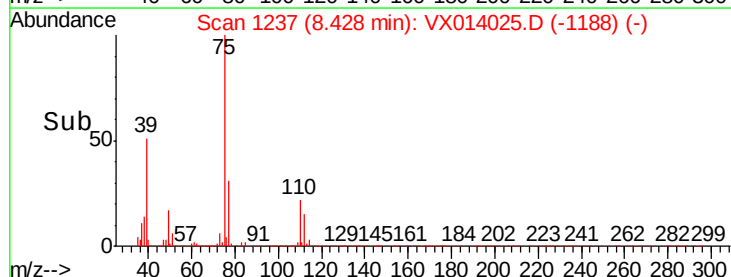
150000

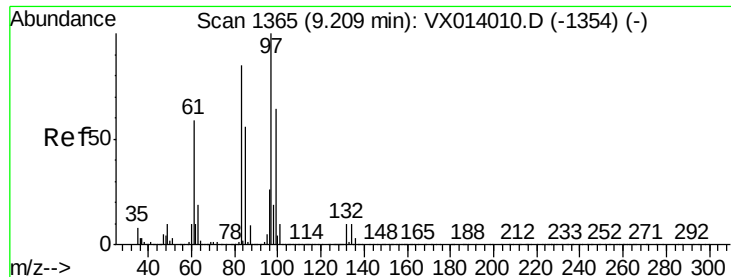
100000

50000

0

Time-->

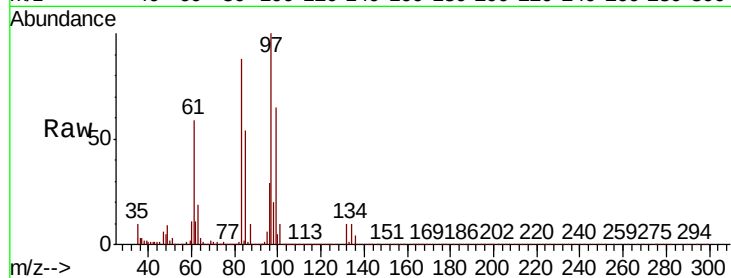




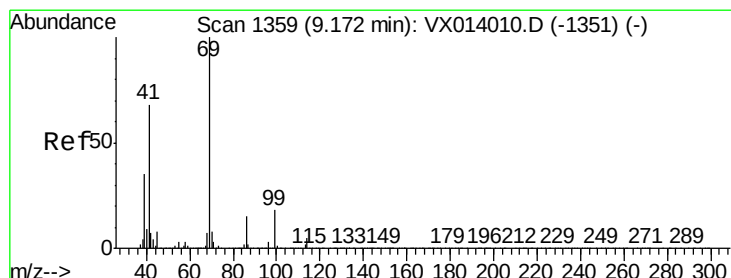
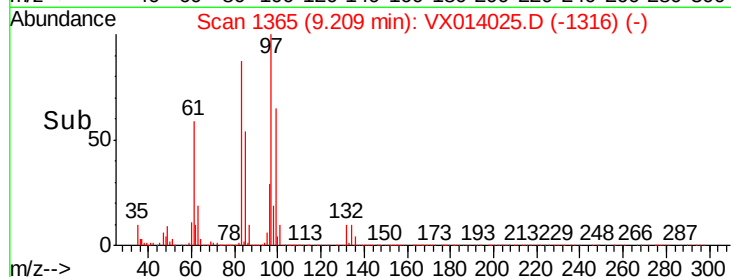
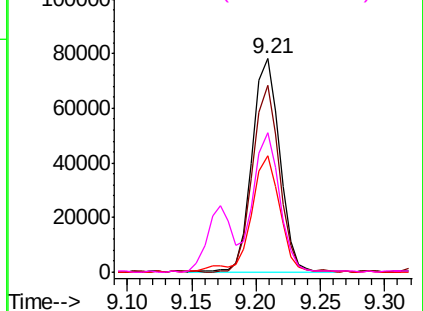
#55
 1,1,2-Trichloroethane
 Concen: 18.074 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014025.D
 Acq: 16 Dec 2019 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBS01

Tot Ion:	97	Resp:	114802
Ion	Ratio	Lower	Upper
97	100		
83	87.3	68.2	102.4
85	54.1	44.6	66.8
99	65.0	51.4	77.0

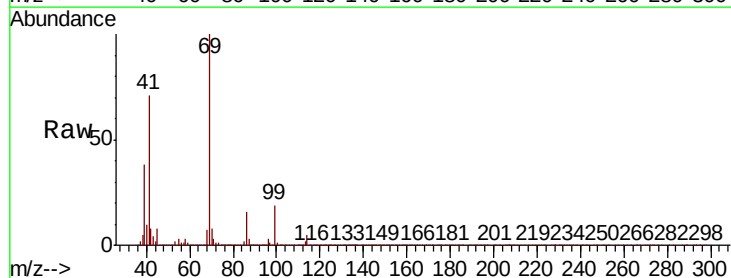


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

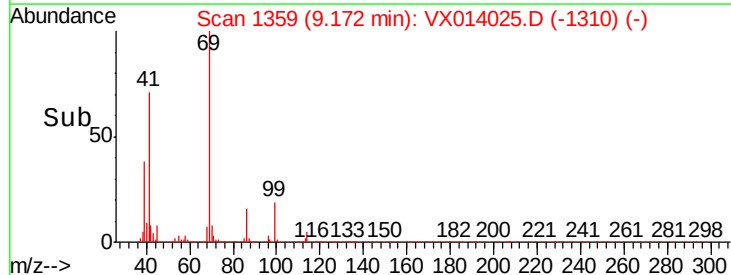
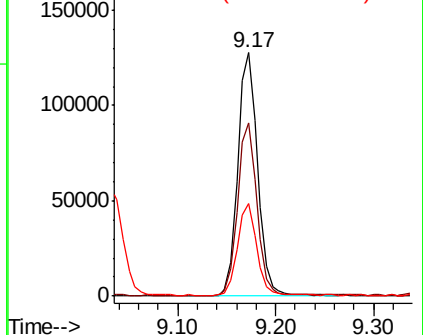


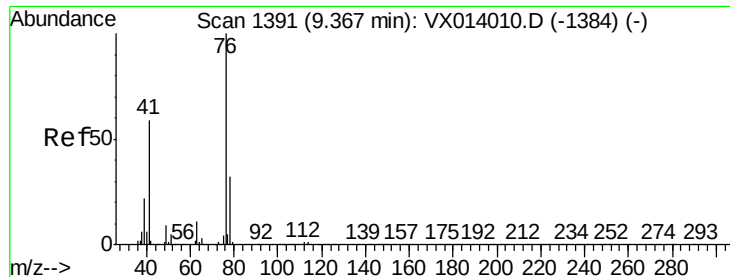
#56
 Ethyl methacrylate
 Concen: 17.998 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014025.D
 Acq: 16 Dec 2019 11:10

Tgt Ion:	69	Resp:	179570
Ion	Ratio	Lower	Upper
69	100		
41	68.8	54.8	82.2
39	37.4	28.3	42.5



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

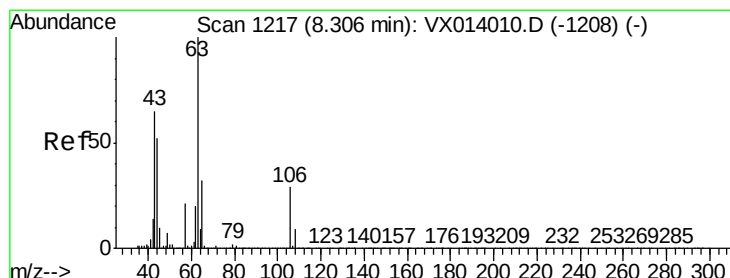
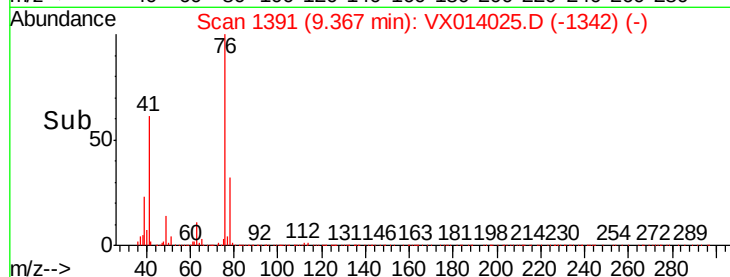
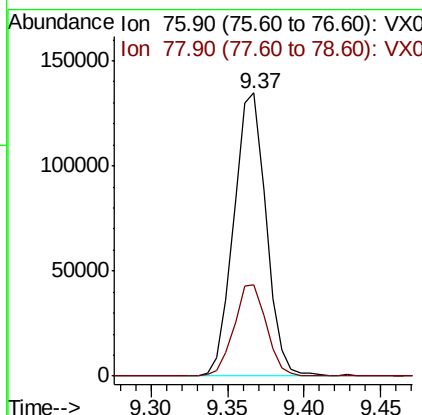
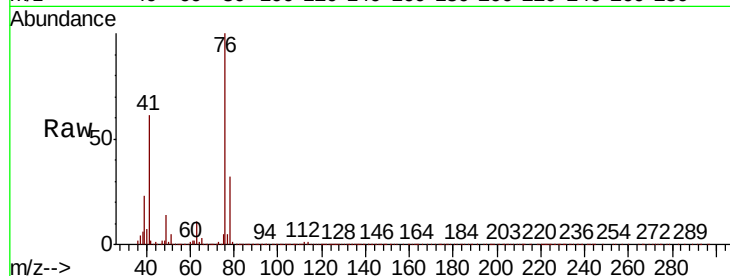




#57
 1,3-Dichloropropane
 Concen: 18.434 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX014025.D
 Acq: 16 Dec 2019 11:10

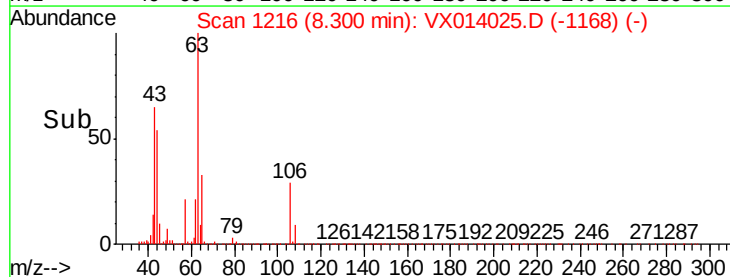
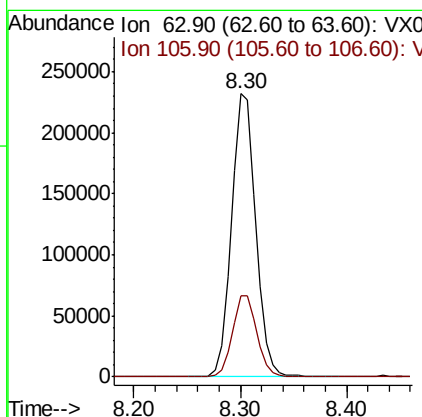
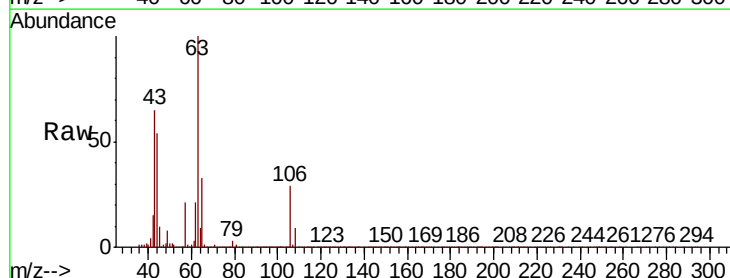
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBS01

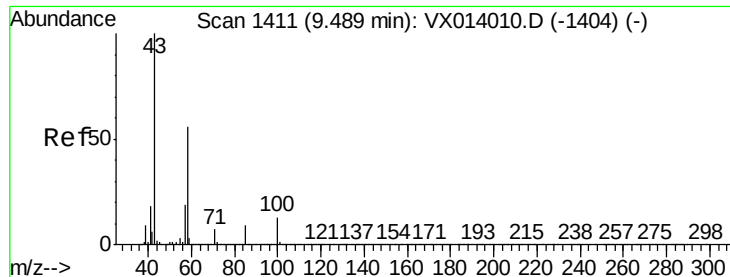
Tot Ion: 76 Resp: 197000
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.293 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX014025.D
 Acq: 16 Dec 2019 11:10

Tgt Ion: 63 Resp: 371137
 Ion Ratio Lower Upper
 63 100
 106 28.7 23.0 34.6

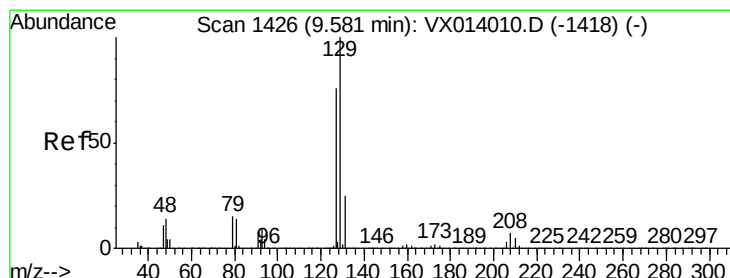
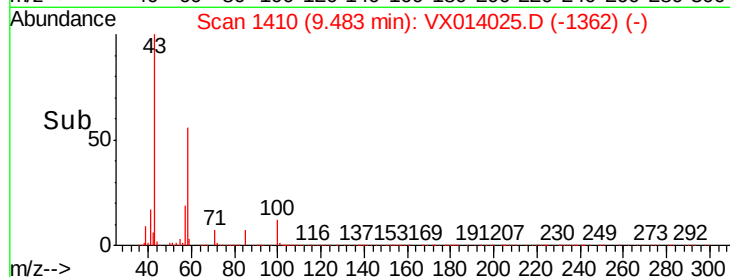
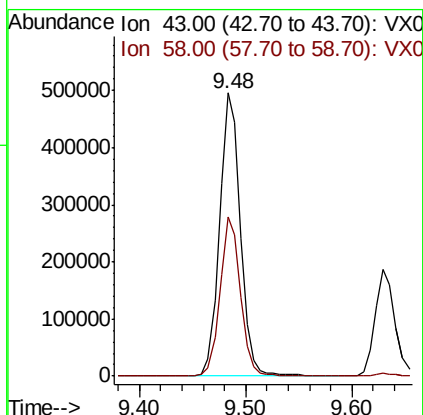
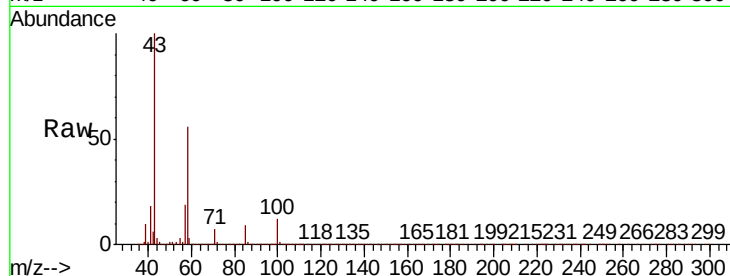




#59
2-Hexanone
Concen: 89.265 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014025.D
Acq: 16 Dec 2019 11:10

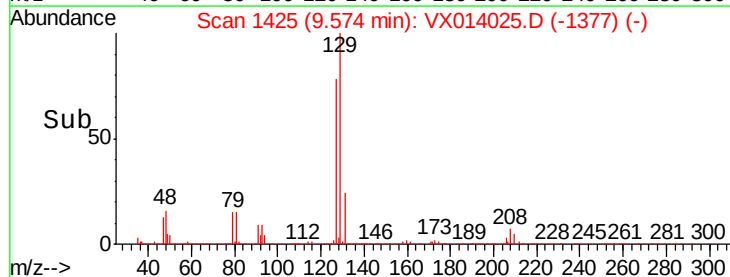
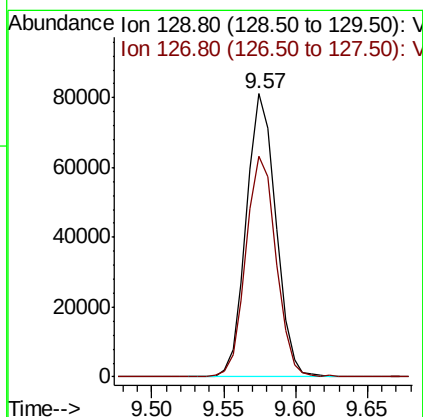
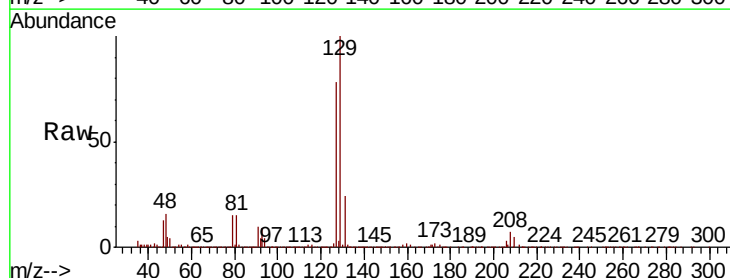
Instrument :
MSVOA_X
ClientSampled :
VX1216WBS01

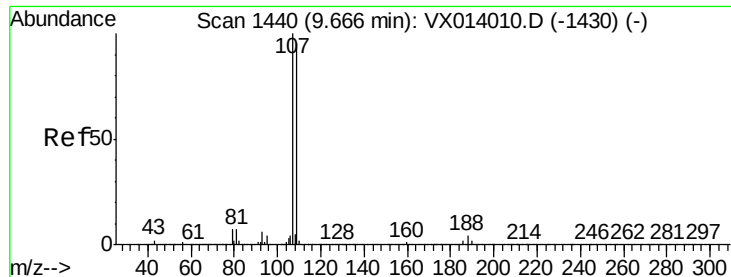
Tot Ion: 43 Resp: 672066
Ion Ratio Lower Upper
43 100
58 55.2 28.0 84.0



#60
Dibromochloromethane
Concen: 18.216 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014025.D
Acq: 16 Dec 2019 11:10

Tgt Ion: 129 Resp: 115009
Ion Ratio Lower Upper
129 100
127 79.6 38.4 115.2





#61

1,2-Dibromoethane

Concen: 18.349 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014025.D

Acq: 16 Dec 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

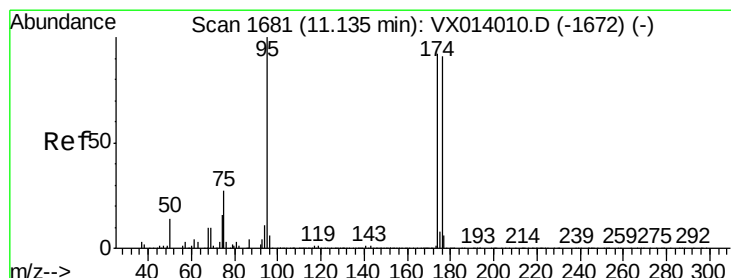
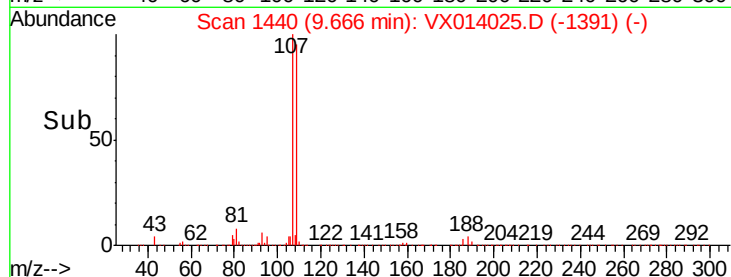
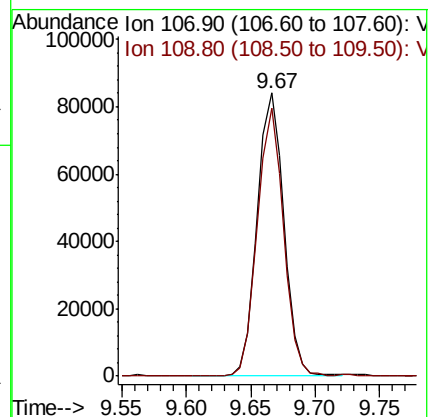
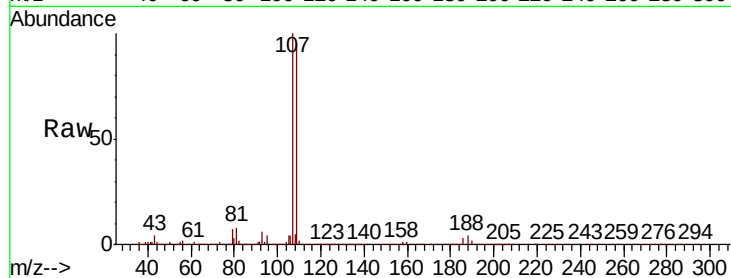
VX1216WBS01

Tot Ion: 107 Resp: 119243

Ion Ratio Lower Upper

107 100

109 93.2 75.7 113.5



#62

4-Bromofluorobenzene

Concen: 44.470 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014025.D

Acq: 16 Dec 2019 11:10

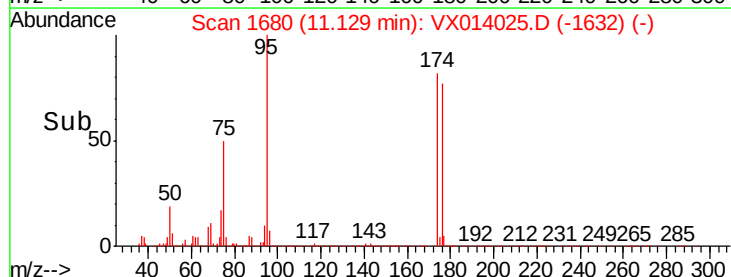
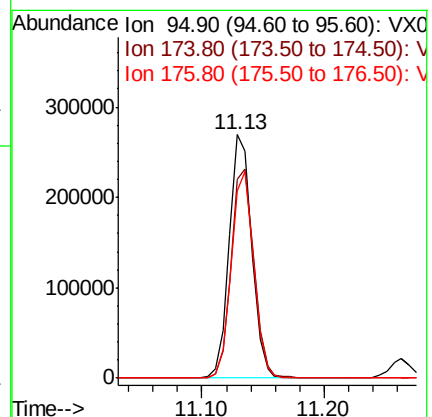
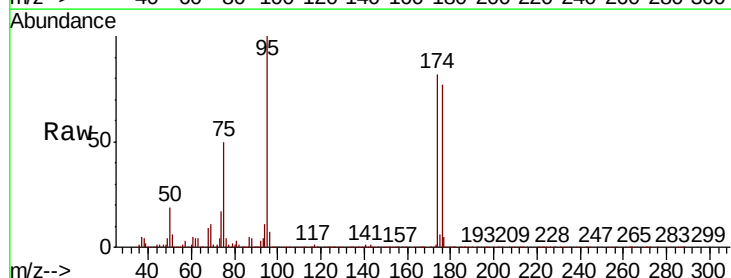
Tgt Ion: 95 Resp: 341669

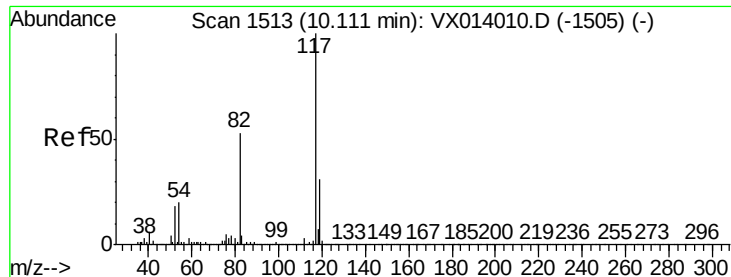
Ion Ratio Lower Upper

95 100

174 86.9 0.0 175.8

176 84.3 0.0 173.0

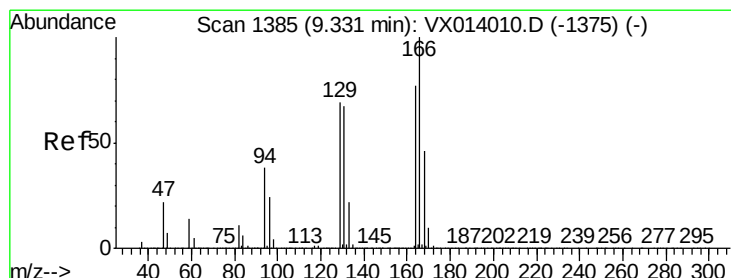
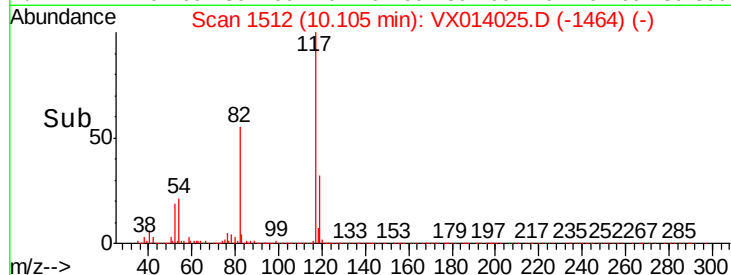
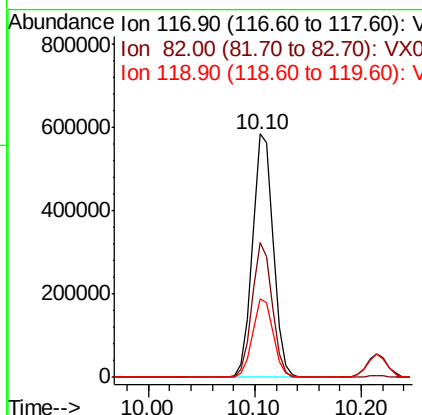
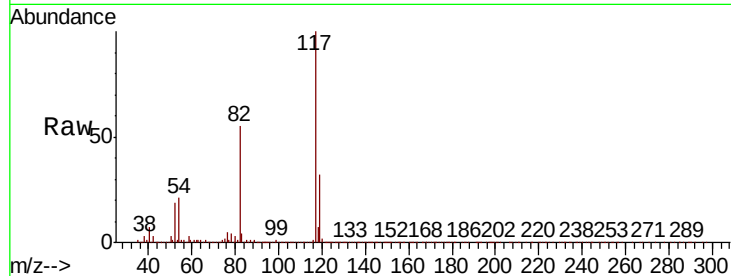




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014025.D
Acq: 16 Dec 2019 11:10

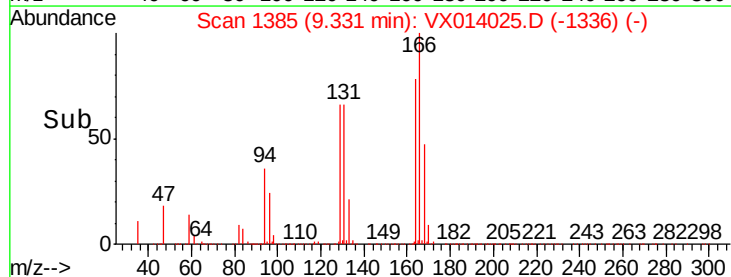
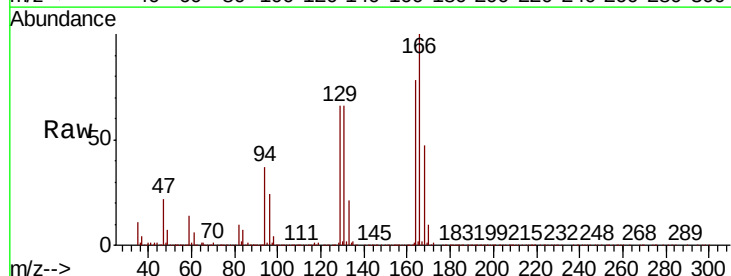
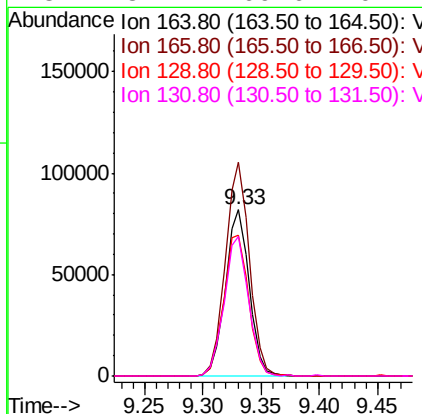
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS01

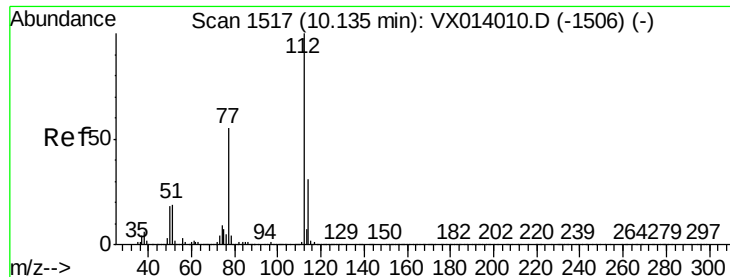
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	42.2	63.4
119	32.2	25.1	37.7



#64
Tetrachloroethene
Concen: 16.280 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014025.D
Acq: 16 Dec 2019 11:10

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.7	104.0	156.0
129	84.7	72.2	108.4
131	84.2	69.6	104.4





#65

Chlorobenzene

Concen: 17.658 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014025.D

Acq: 16 Dec 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

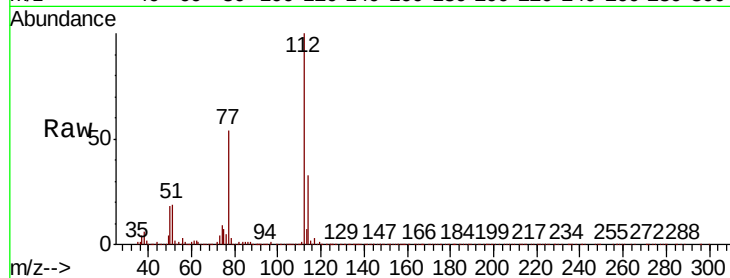
VX1216WBS01

Tot Ion:112 Resp: 300711

Ion Ratio Lower Upper

112 100

114 32.6 24.9 37.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

250000

200000

150000

100000

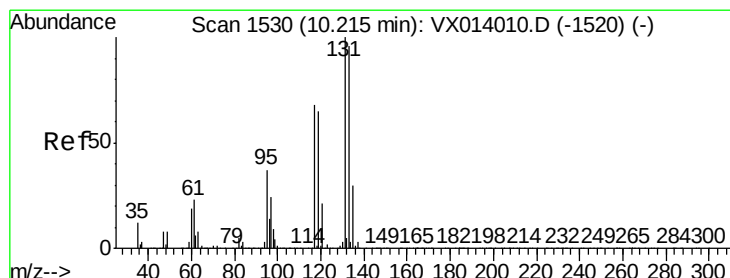
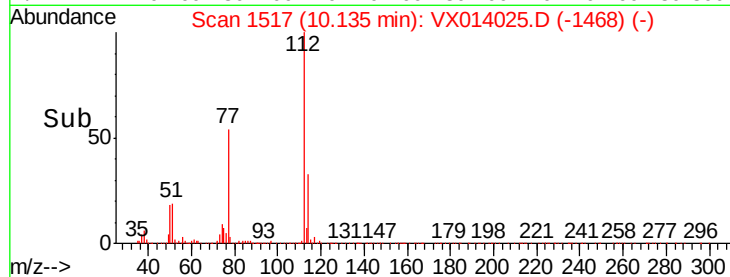
50000

0

10.10

10.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 18.282 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014025.D

Acq: 16 Dec 2019 11:10

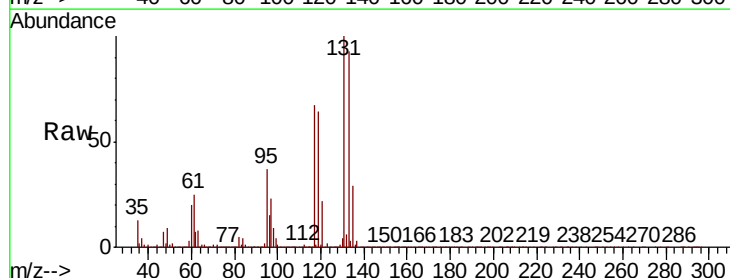
Tgt Ion:131 Resp: 111165

Ion Ratio Lower Upper

131 100

133 96.6 48.0 144.0

119 65.9 33.4 100.2



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

250000

200000

150000

100000

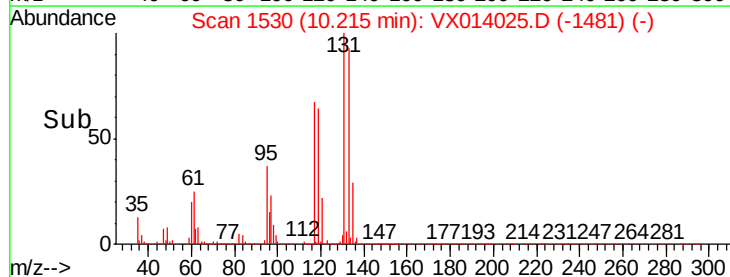
50000

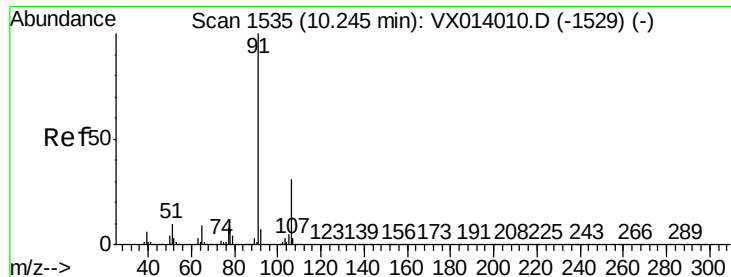
0

10.10

10.20

Time-->





#67

Ethyl Benzene

Concen: 18.269 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014025.D

Acq: 16 Dec 2019 11:10

Instrument :

MSVOA_X

ClientSampled :

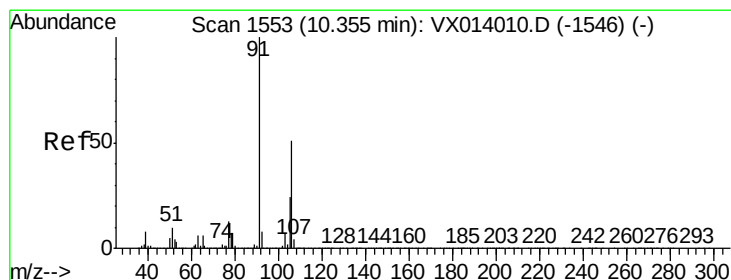
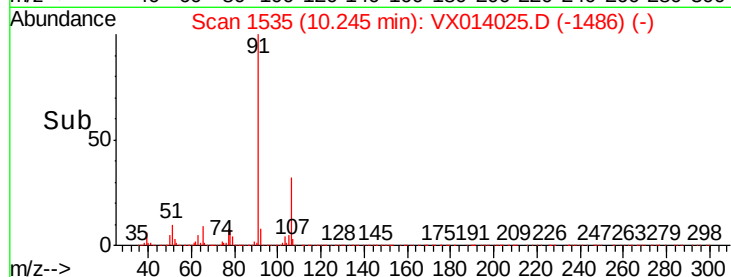
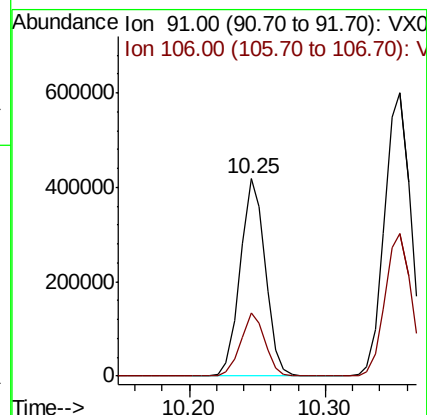
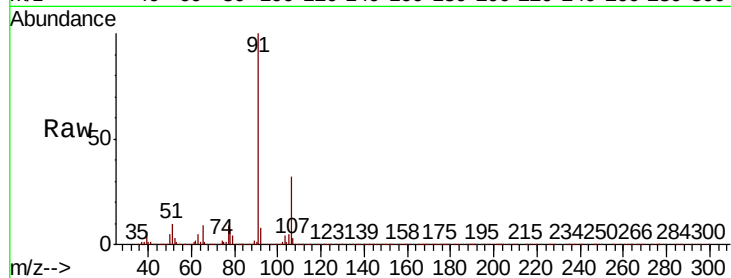
VX1216WBS01

Tot Ion: 91 Resp: 534883

Ion Ratio Lower Upper

91 100

106 31.7 25.0 37.6



#68

m/p-Xylenes

Concen: 36.084 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014025.D

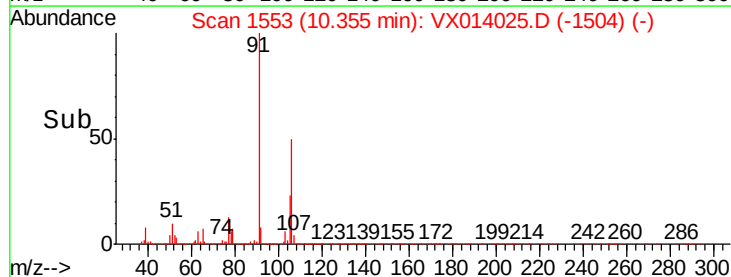
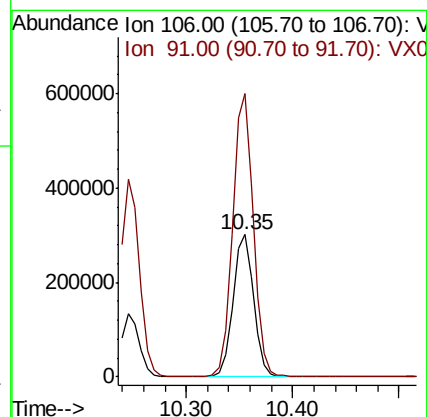
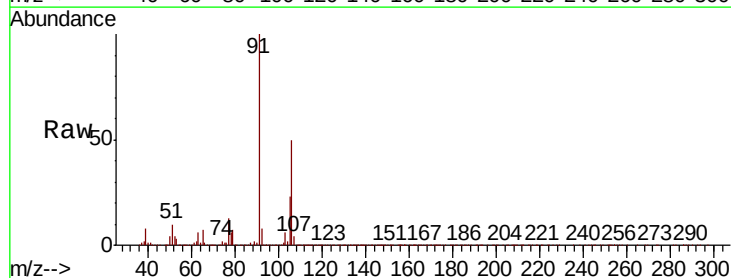
Acq: 16 Dec 2019 11:10

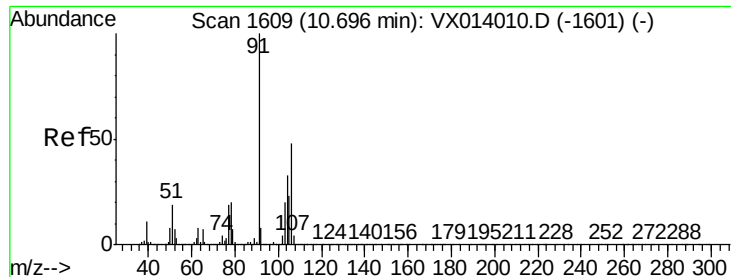
Tgt Ion: 106 Resp: 406337

Ion Ratio Lower Upper

106 100

91 200.1 158.6 238.0

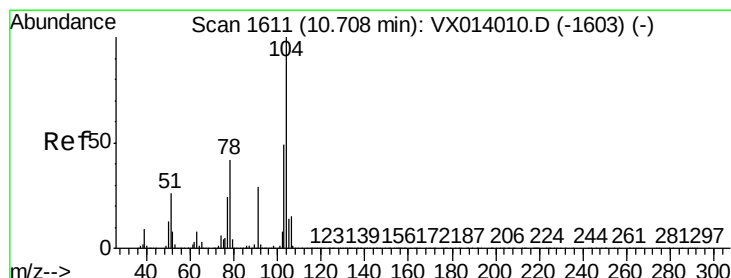
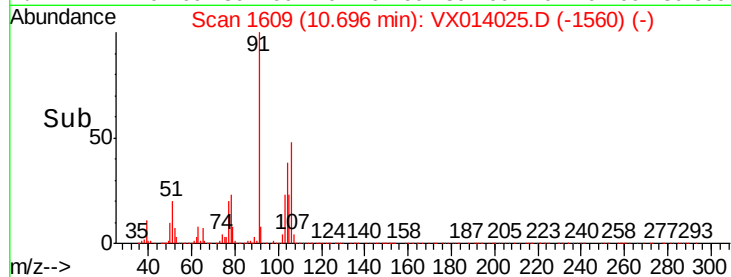
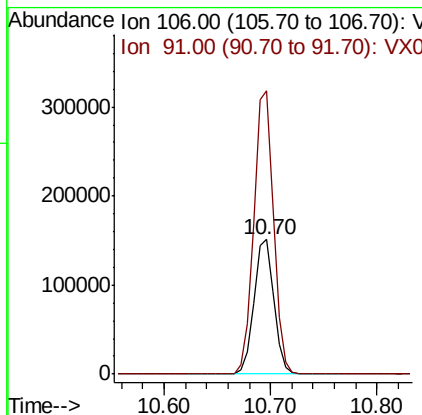
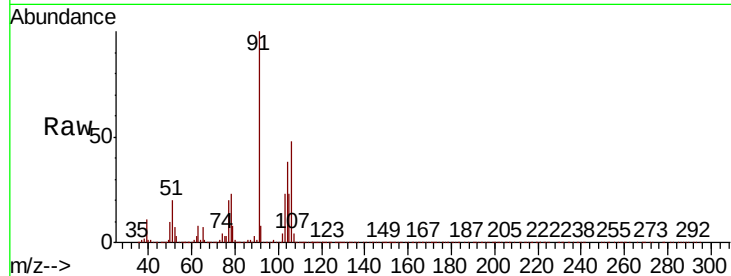




#69
o-Xylene
Concen: 17.916 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014025.D
Acq: 16 Dec 2019 11:10

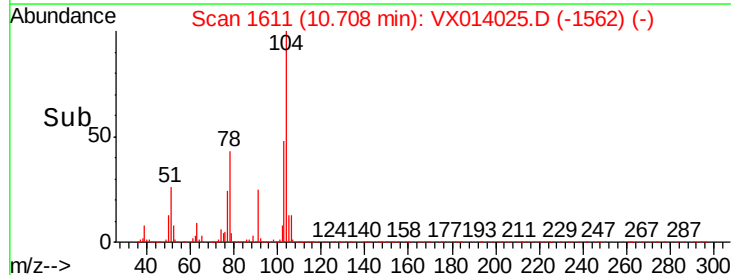
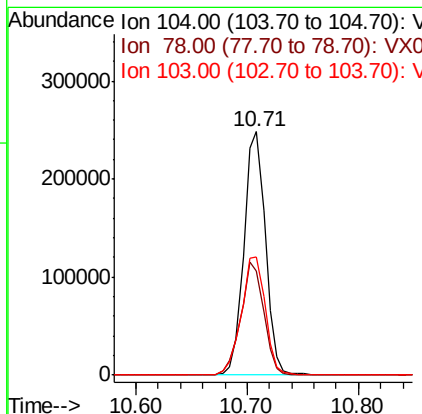
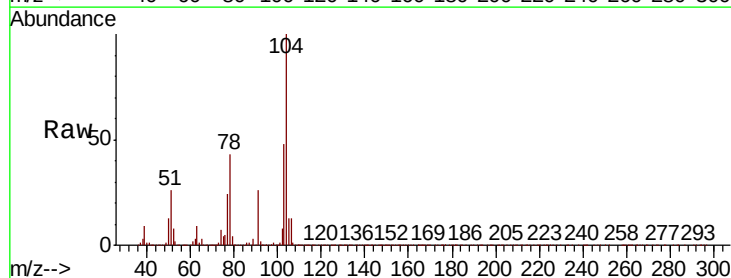
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS01

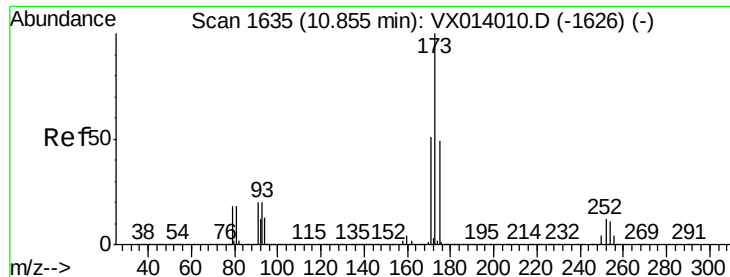
Tot Ion:106 Resp: 197872
Ion Ratio Lower Upper
106 100
91 209.5 104.2 312.6



#70
Styrene
Concen: 17.842 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014025.D
Acq: 16 Dec 2019 11:10

Tgt Ion:104 Resp: 333208
Ion Ratio Lower Upper
104 100
78 49.6 38.5 57.7
103 54.0 42.9 64.3





#71

Bromoform

Concen: 17.662 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014025.D

Acq: 16 Dec 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBS01

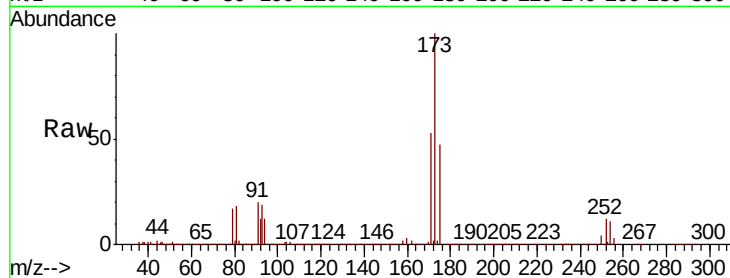
Tot Ion:173 Resp: 86328

Ion Ratio Lower Upper

173 100

175 48.4 24.4 73.4

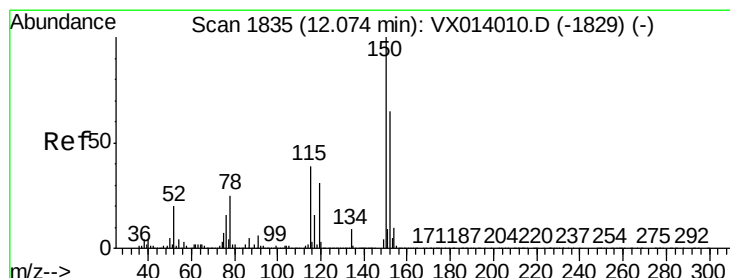
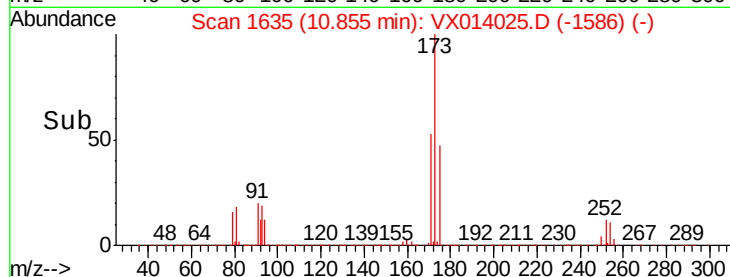
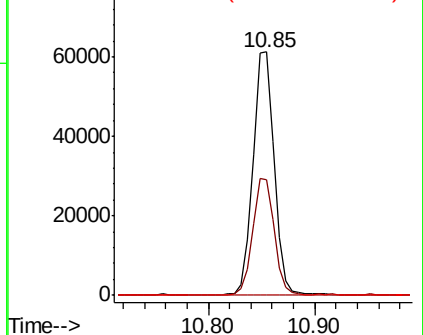
254 0.3 0.2 0.2#



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: VX014025.D

Acq: 16 Dec 2019 11:10

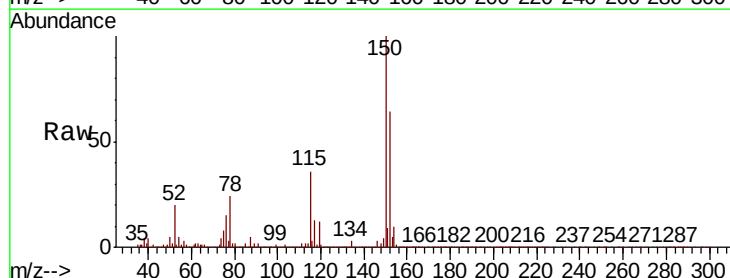
Tgt Ion:152 Resp: 392018

Ion Ratio Lower Upper

152 100

115 63.0 38.3 114.9

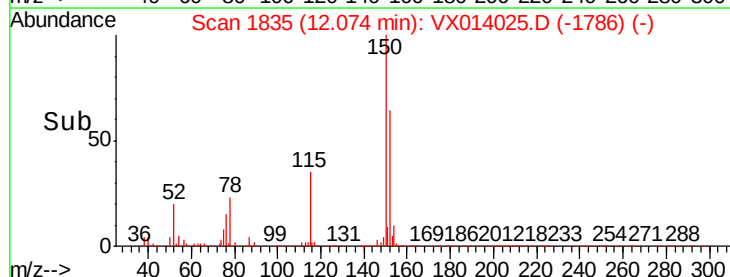
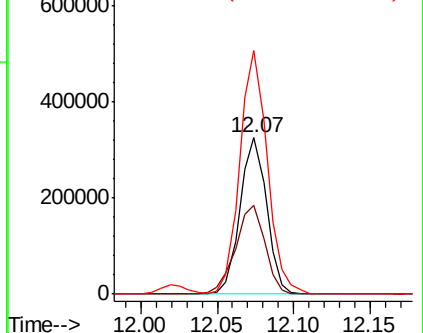
150 160.9 0.0 345.4

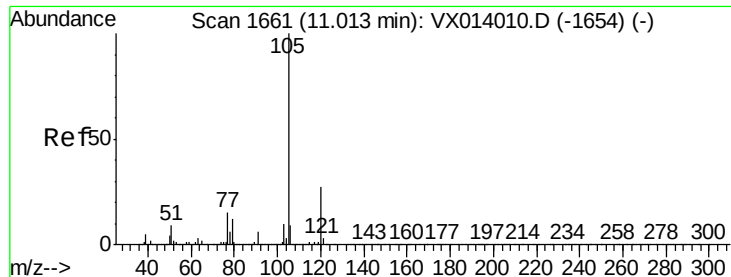


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.978 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014025.D

Acq: 16 Dec 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

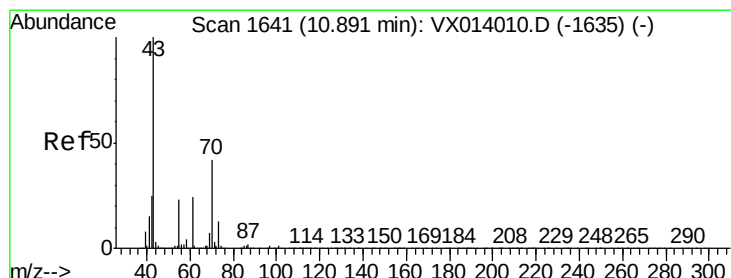
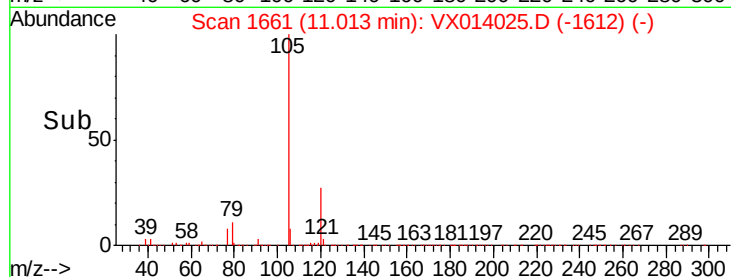
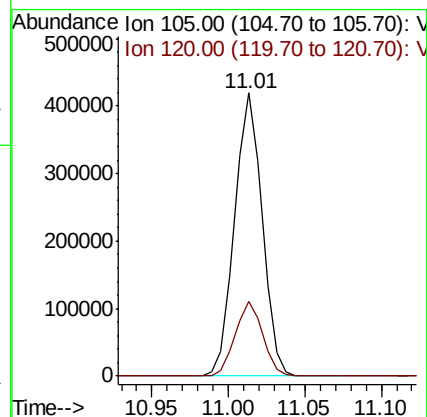
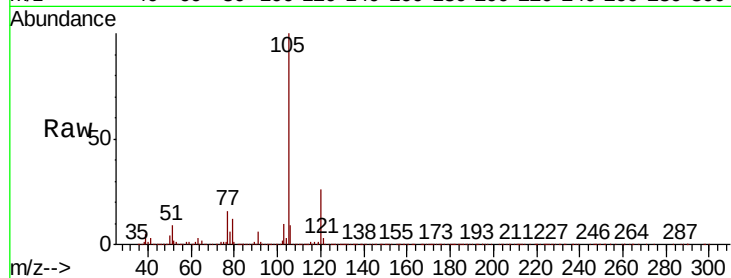
VX1216WBS01

Tot Ion:105 Resp: 523819

Ion Ratio Lower Upper

105 100

120 26.3 13.5 40.4



#74

N-ethyl acetate

Concen: 18.508 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014025.D

Acq: 16 Dec 2019 11:10

Tgt Ion: 43 Resp: 239449

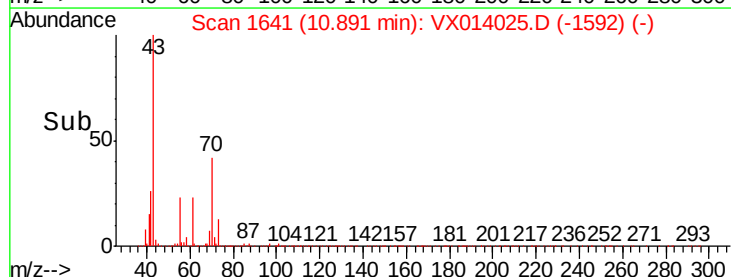
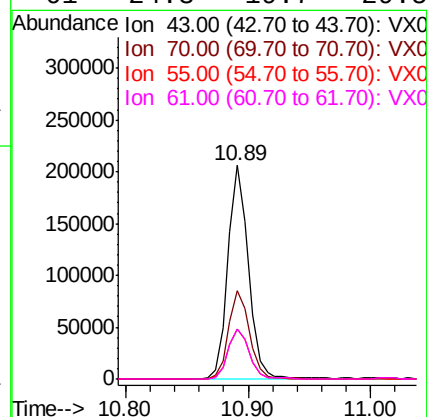
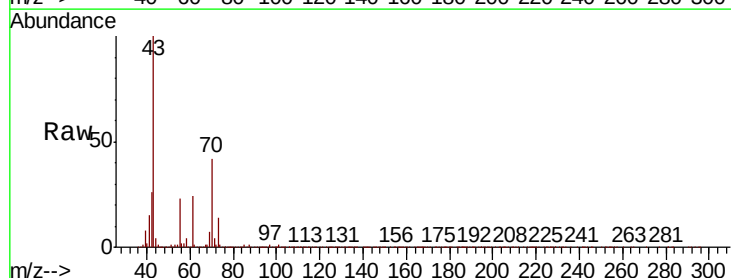
Ion Ratio Lower Upper

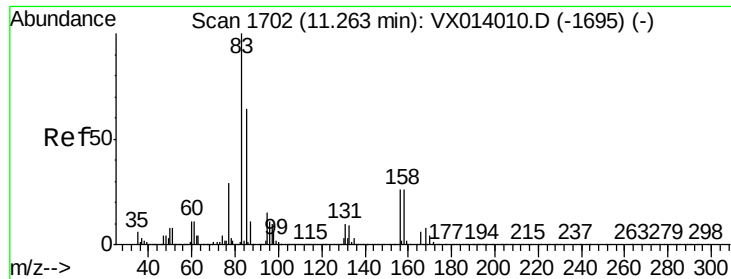
43 100

70 42.2 34.4 51.6

55 23.7 19.1 28.7

61 24.3 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 18.762 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014025.D

Acq: 16 Dec 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBS01

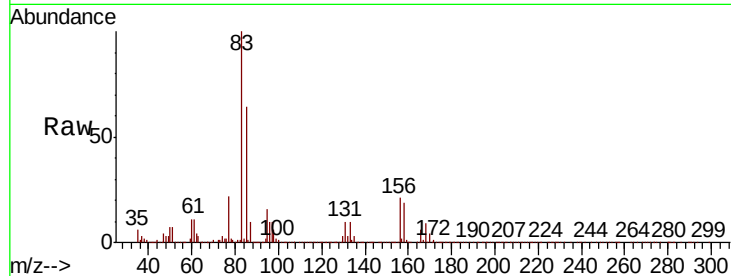
Tot Ion: 83 Resp: 179532

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.2

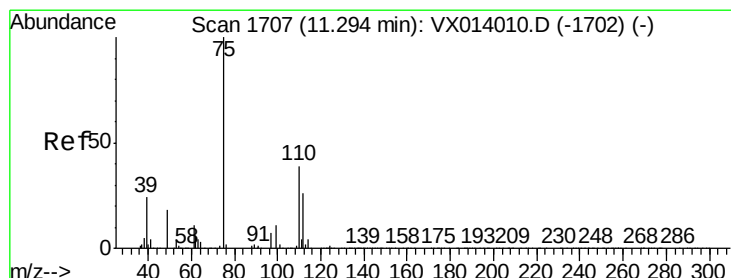
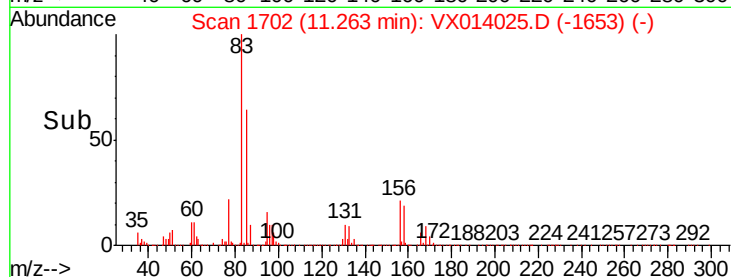
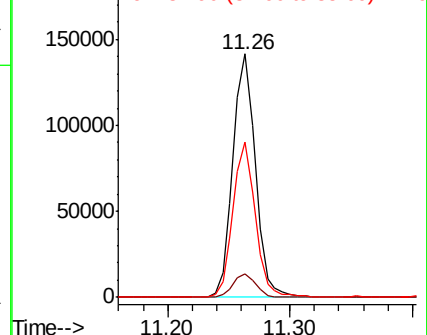
85 63.4 31.9 95.7



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: 23.162 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014025.D

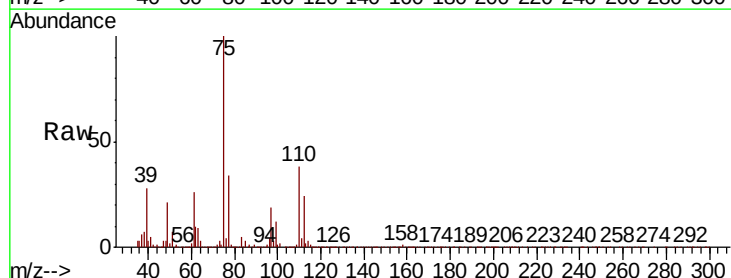
Acq: 16 Dec 2019 11:10

Tgt Ion: 75 Resp: 197126

Ion Ratio Lower Upper

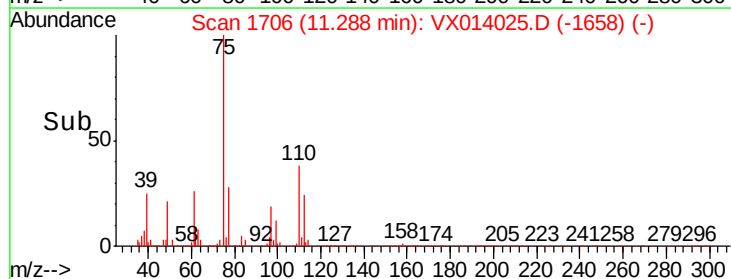
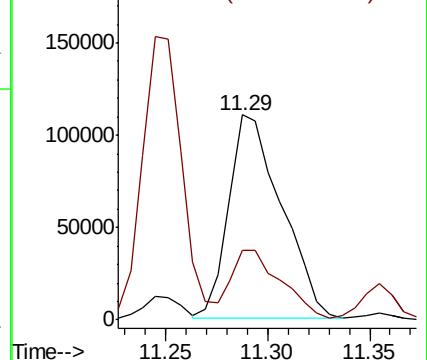
75 100

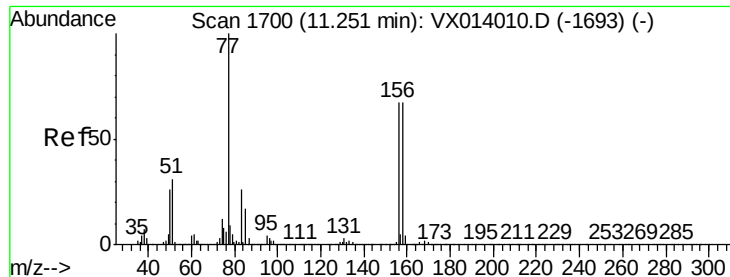
77 31.9 19.3 57.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.766 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014025.D

Acq: 16 Dec 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBS01

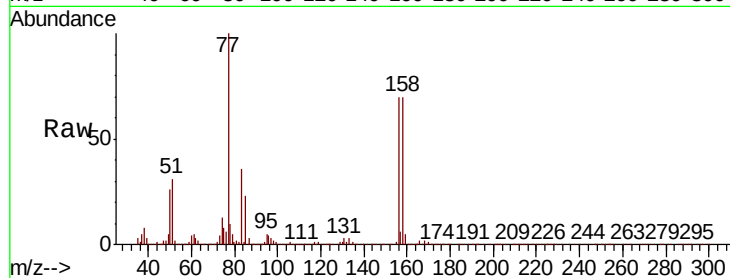
Tot Ion:156 Resp: 134914

Ion Ratio Lower Upper

156 100

77 153.9 76.5 229.5

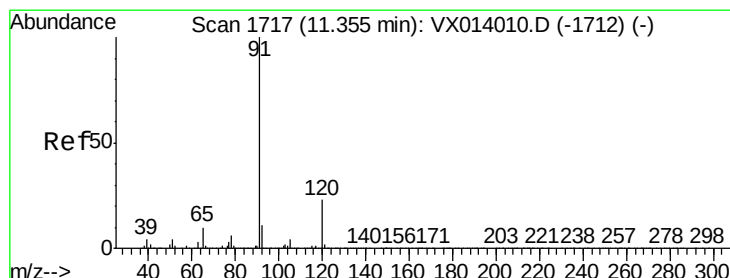
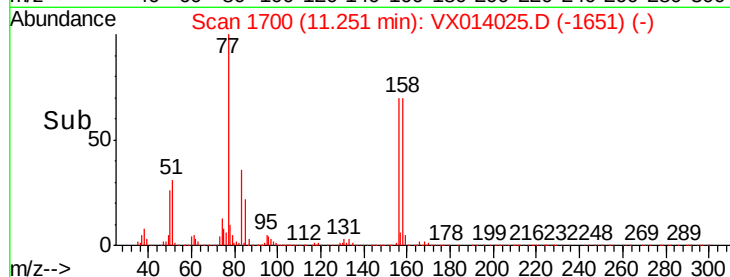
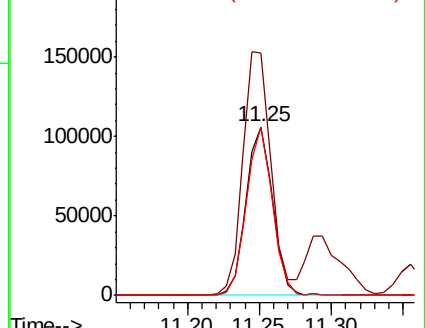
158 96.8 49.3 147.9



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: 19.104 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014025.D

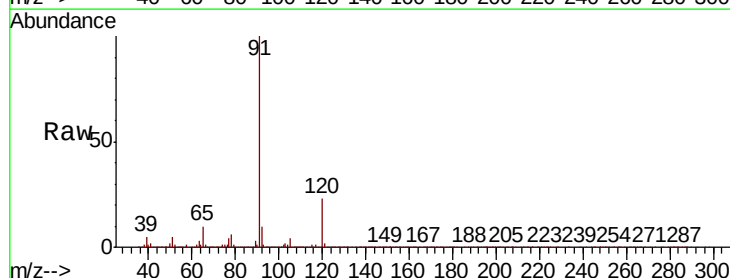
Acq: 16 Dec 2019 11:10

Tgt Ion: 91 Resp: 591440

Ion Ratio Lower Upper

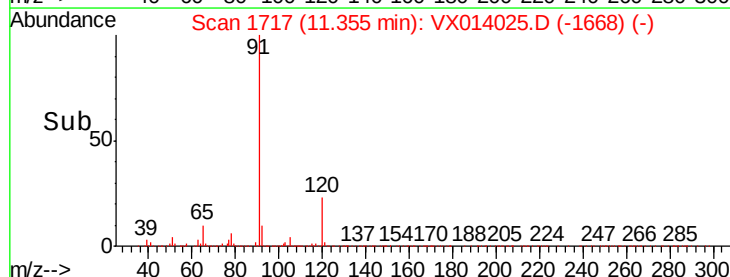
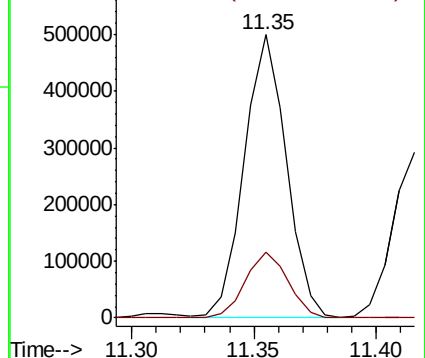
91 100

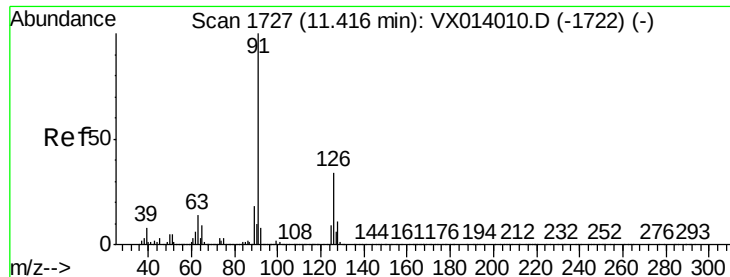
120 23.7 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

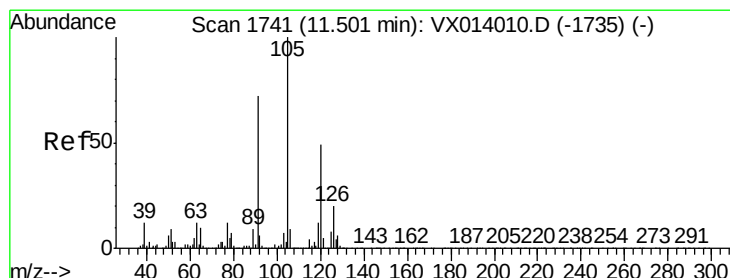
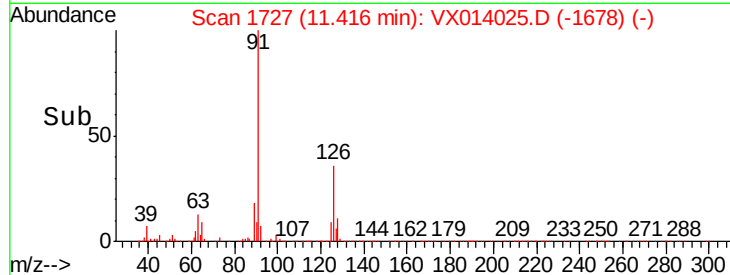
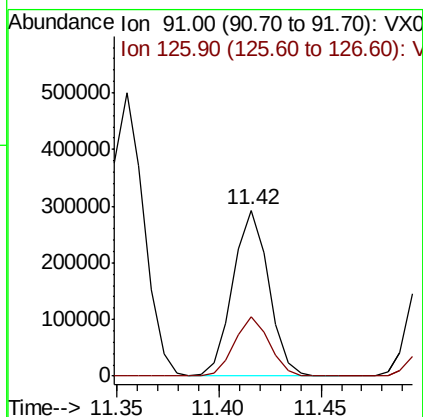
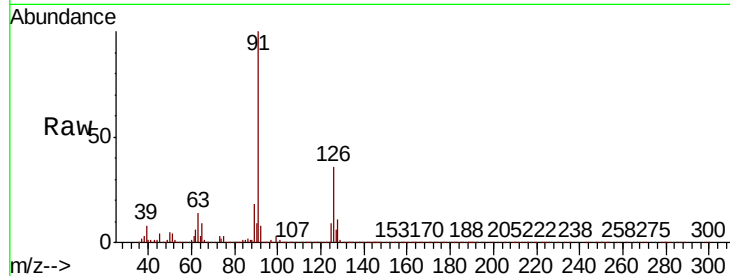




#79
 2-Chlorotoluene
 Concen: 18.814 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014025.D
 Acq: 16 Dec 2019 11:10

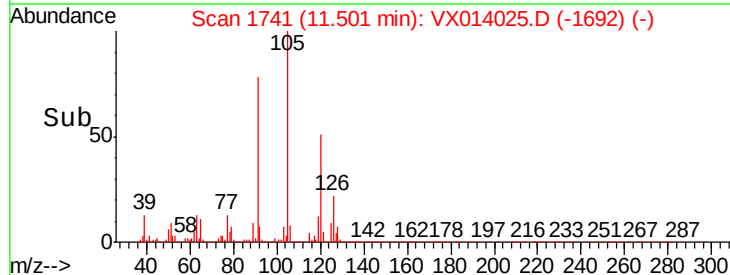
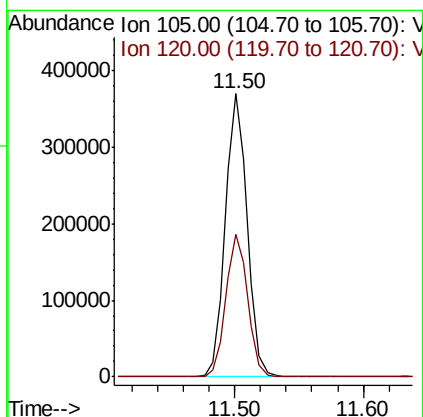
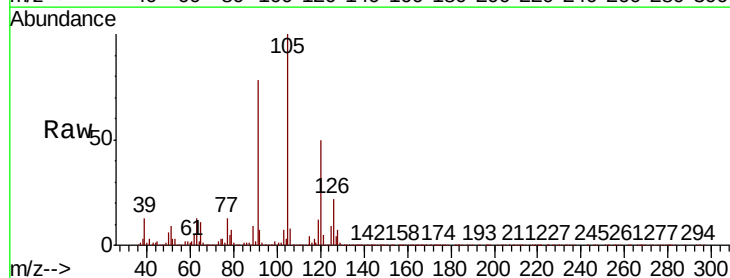
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBS01

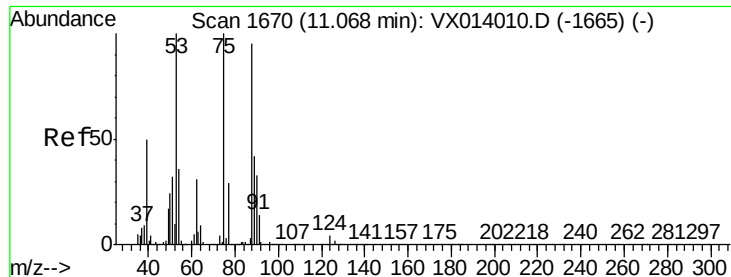
Tot Ion: 91 Resp: 354062
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.2 51.6



#80
 1,3,5-Trimethylbenzene
 Concen: 18.981 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014025.D
 Acq: 16 Dec 2019 11:10

Tgt Ion: 105 Resp: 440905
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.3 75.8

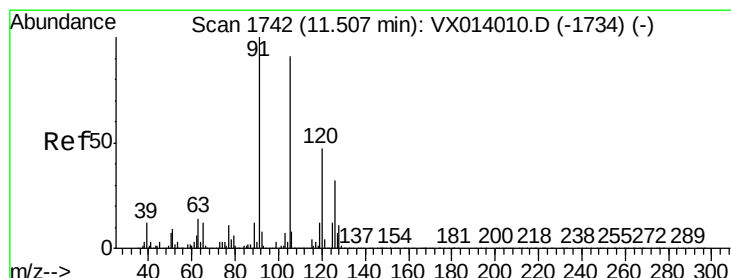
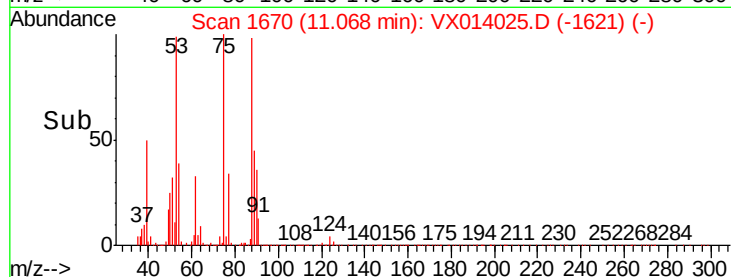
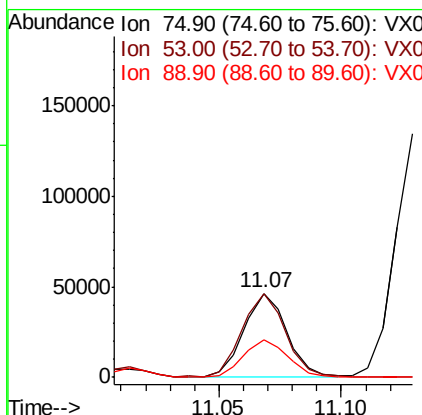
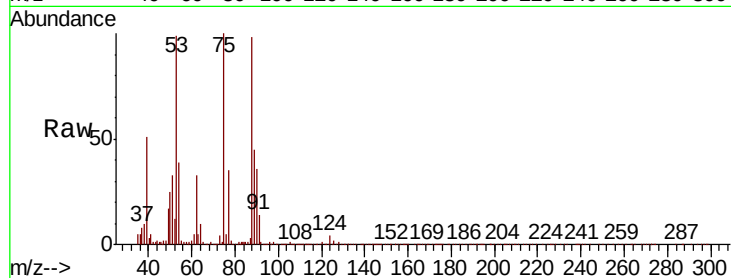




#81
trans-1,4-Dichloro-2-butene
Concen: 18.648 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014025.D
Acq: 16 Dec 2019 11:10

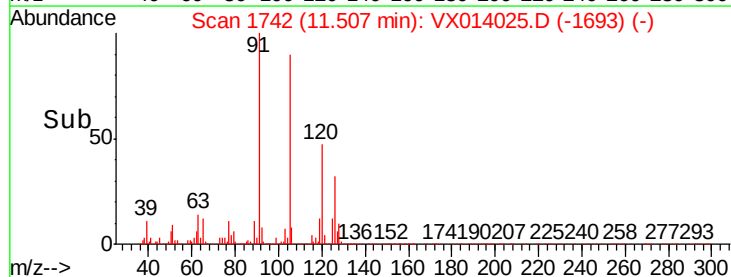
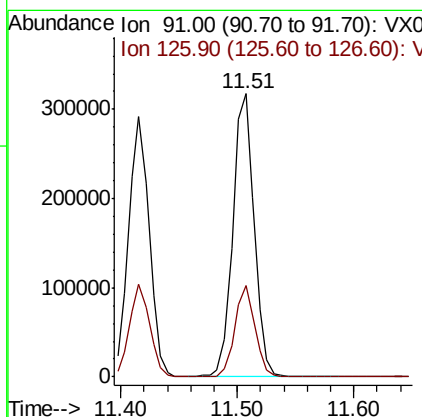
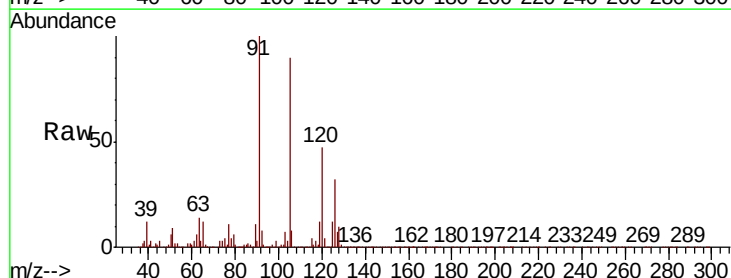
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS01

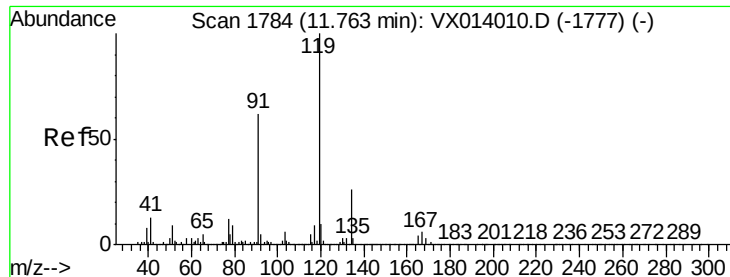
Tot Ion: 75 Resp: 56230
Ion Ratio Lower Upper
75 100
53 99.9 76.7 115.1
89 46.8 34.6 51.8



#82
4-Chlorotoluene
Concen: 18.503 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014025.D
Acq: 16 Dec 2019 11:10

Tgt Ion: 91 Resp: 403919
Ion Ratio Lower Upper
91 100
126 30.6 15.6 46.8





#83

tert-Butylbenzene

Concen: 19.040 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014025.D

Acq: 16 Dec 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBS01

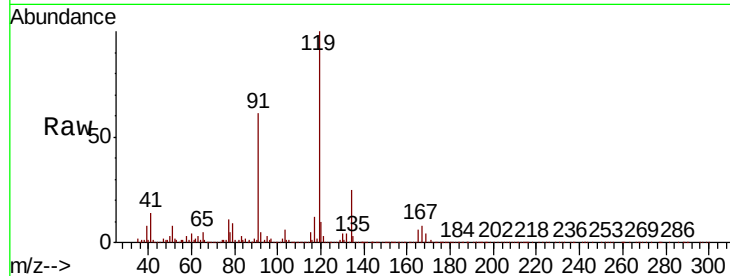
Tot Ion:119 Resp: 430411

Ion Ratio Lower Upper

119 100

91 55.5 28.5 85.6

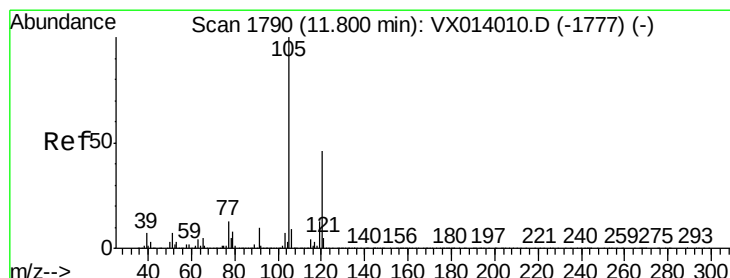
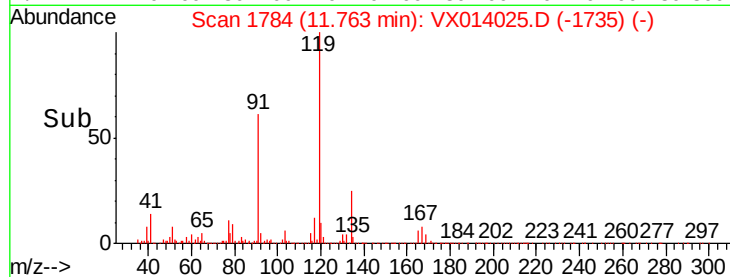
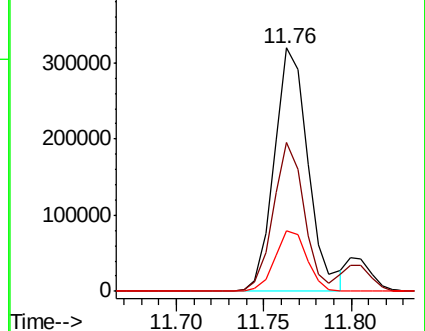
134 23.7 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.019 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX014025.D

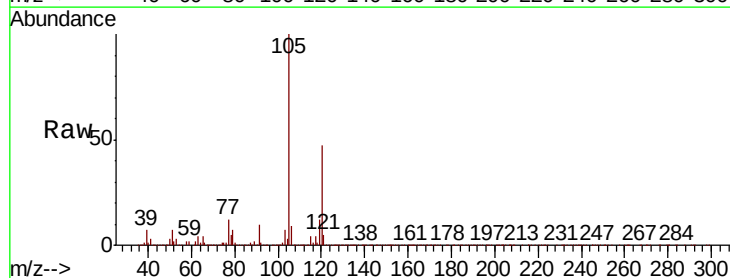
Acq: 16 Dec 2019 11:10

Tgt Ion:105 Resp: 442425

Ion Ratio Lower Upper

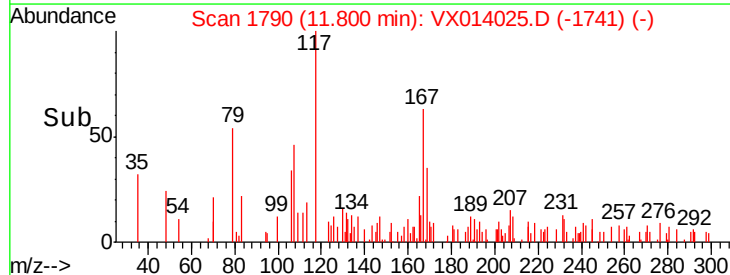
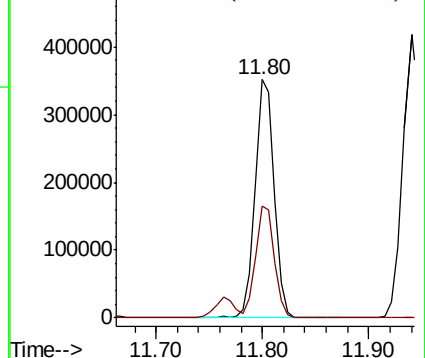
105 100

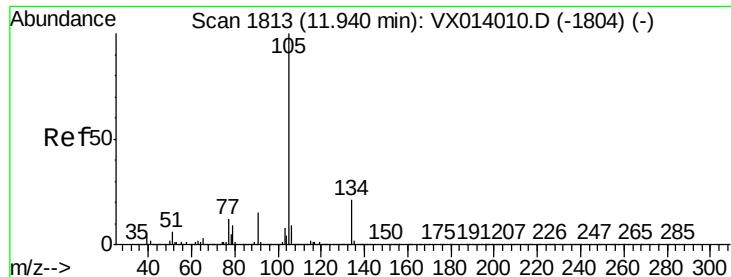
120 45.8 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.976 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014025.D

Acq: 16 Dec 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

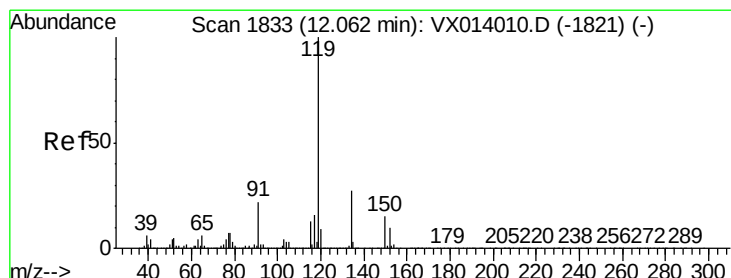
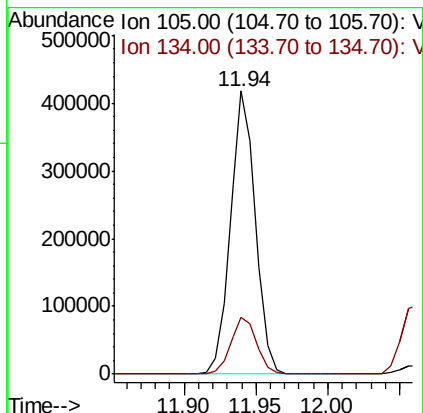
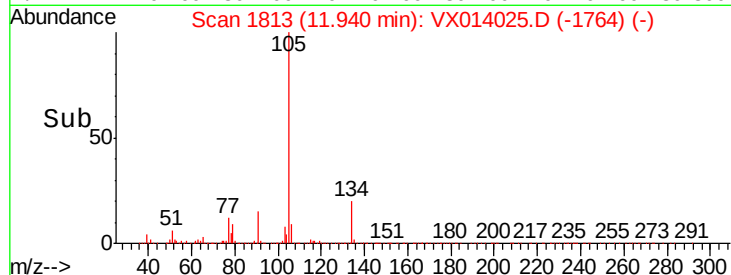
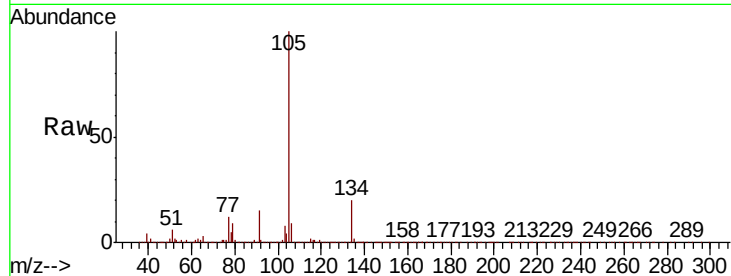
VX1216WBS01

Tot Ion:105 Resp: 506411

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.1



#86

p-Isopropyltoluene

Concen: 19.132 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014025.D

Acq: 16 Dec 2019 11:10

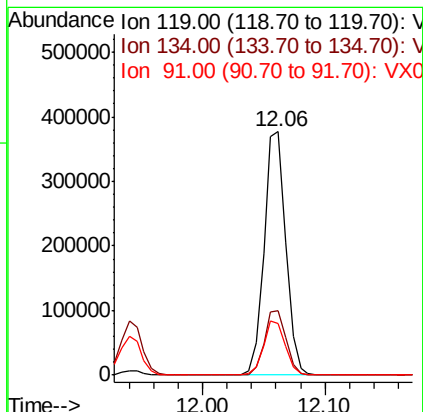
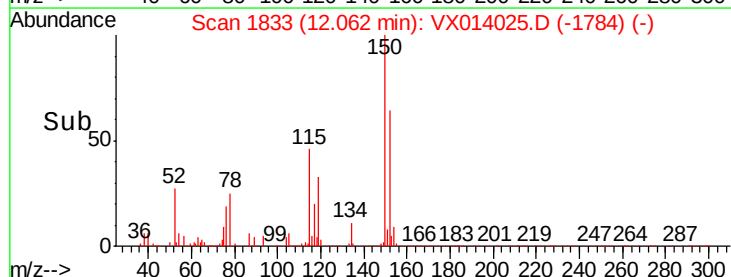
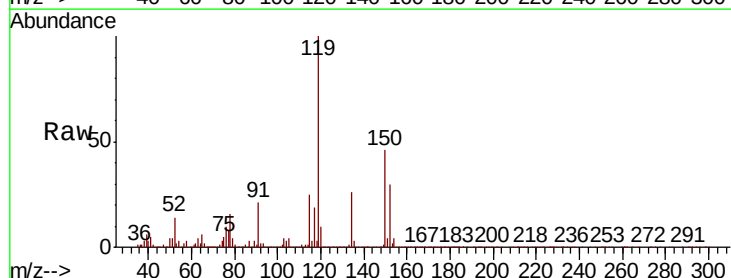
Tgt Ion:119 Resp: 467042

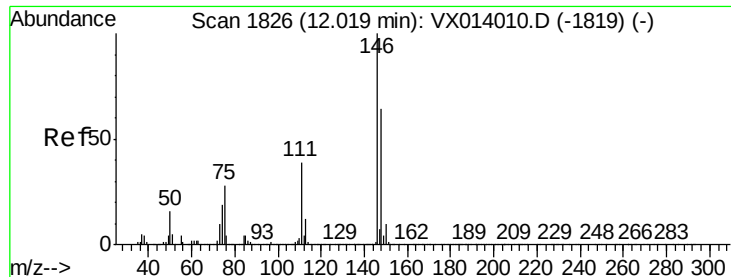
Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.1

91 22.1 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 17.573 ug/l

RT: 12.02 min Scan# 1826

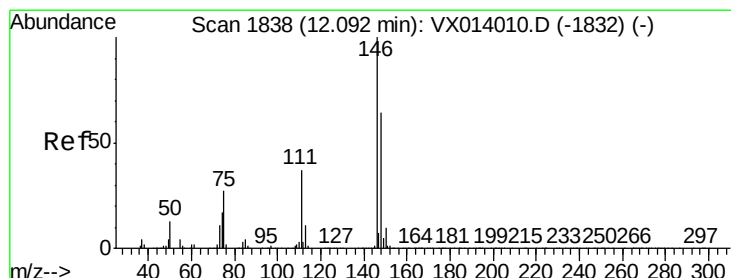
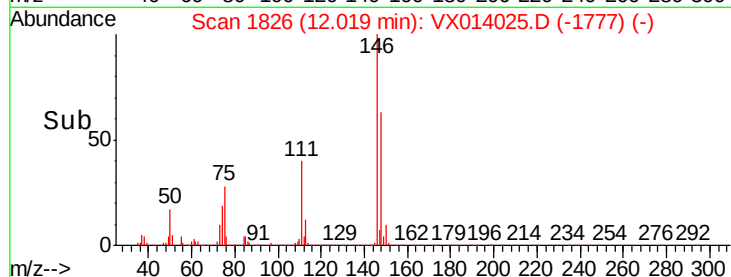
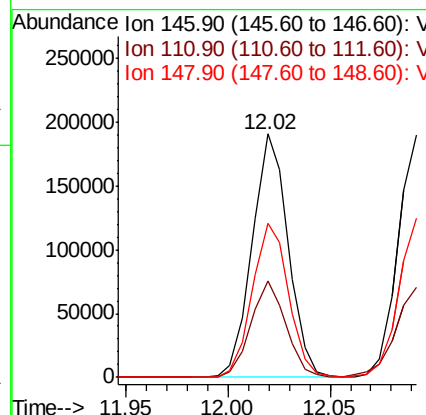
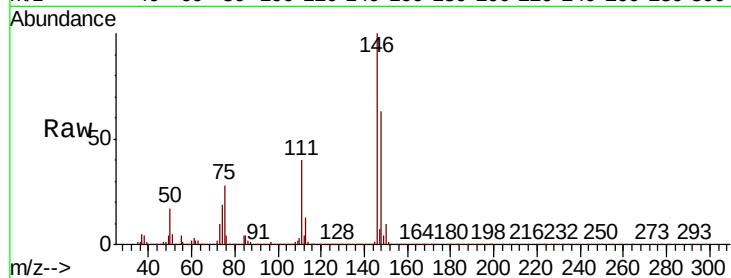
Delta R.T. 0.00 min

Lab File: VX014025.D

Acq: 16 Dec 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.1	57.1
148	64.0	32.3	96.9



#88

1,4-Dichlorobenzene

Concen: 17.233 ug/l

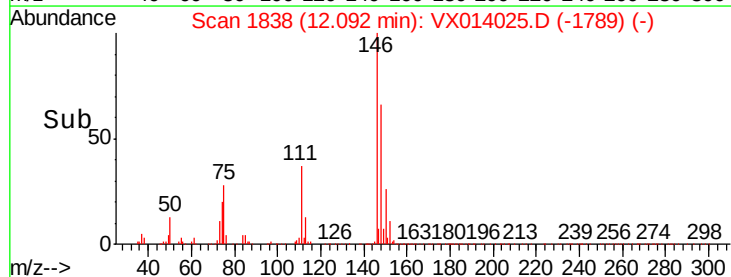
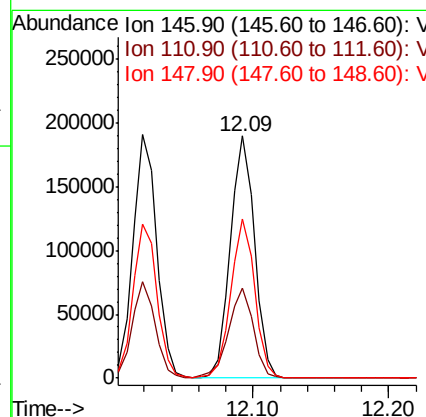
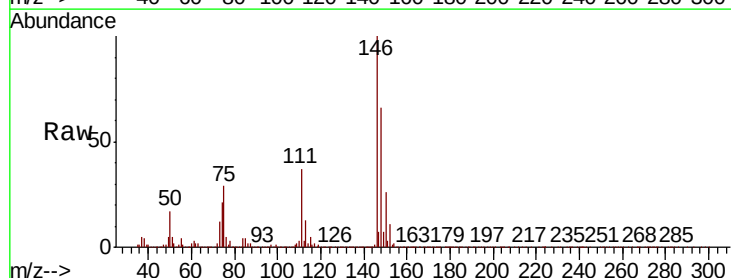
RT: 12.09 min Scan# 1838

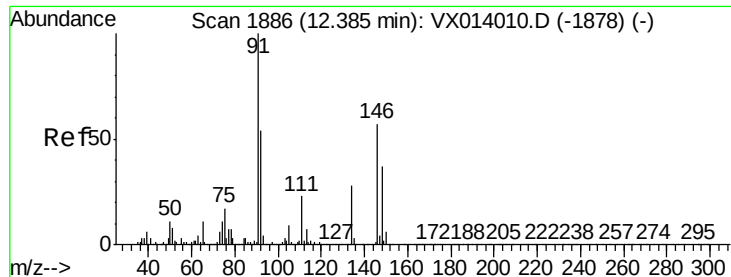
Delta R.T. 0.00 min

Lab File: VX014025.D

Acq: 16 Dec 2019 11:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.7	56.1
148	65.0	31.9	95.9

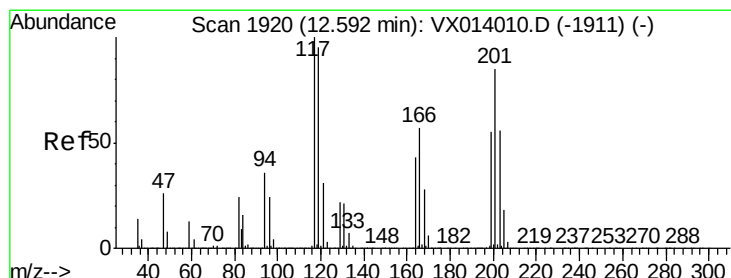
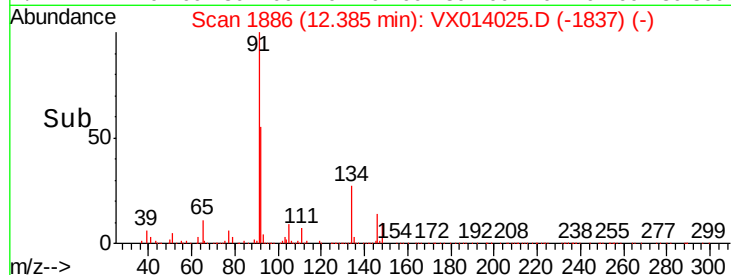
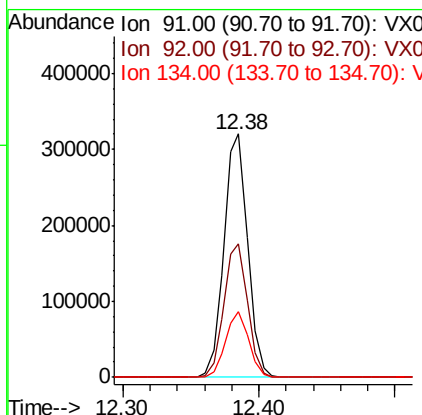
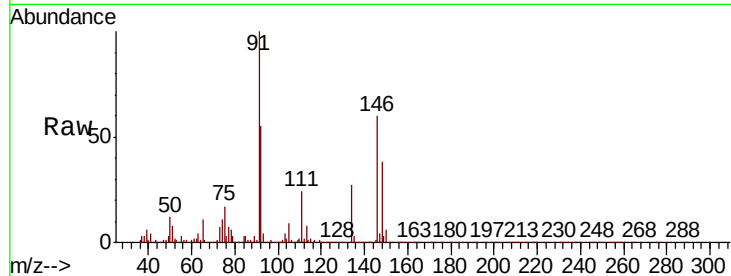




#89
n-Butylbenzene
Concen: 18.534 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014025.D
Acq: 16 Dec 2019 11:10

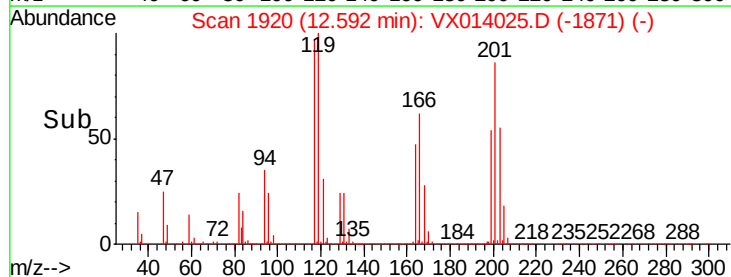
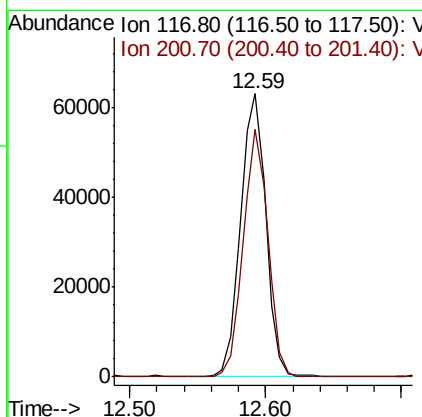
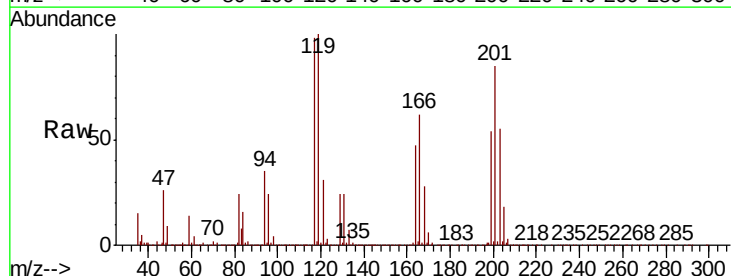
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS01

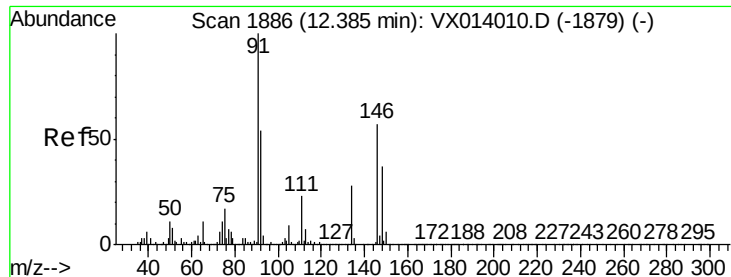
Tot Ion: 91 Resp: 386060
Ion Ratio Lower Upper
91 100
92 54.9 27.2 81.6
134 26.6 13.4 40.1



#90
Hexachloroethane
Concen: 18.554 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014025.D
Acq: 16 Dec 2019 11:10

Tgt Ion: 117 Resp: 81352
Ion Ratio Lower Upper
117 100
201 85.9 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 17.616 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014025.D

Acq: 16 Dec 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBS01

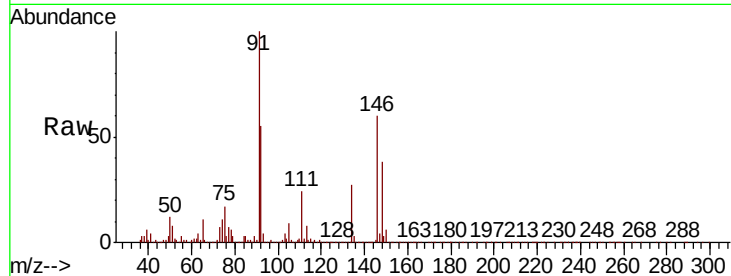
Tot Ion:146 Resp: 236027

Ion Ratio Lower Upper

146 100

111 40.5 19.7 59.1

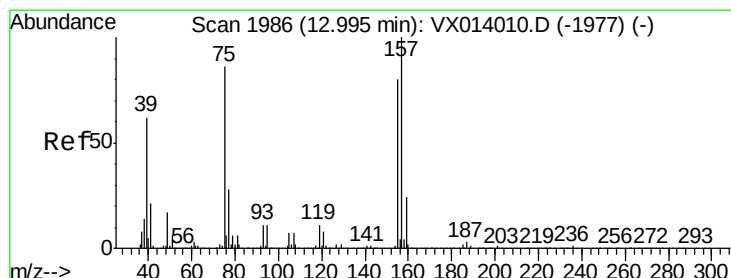
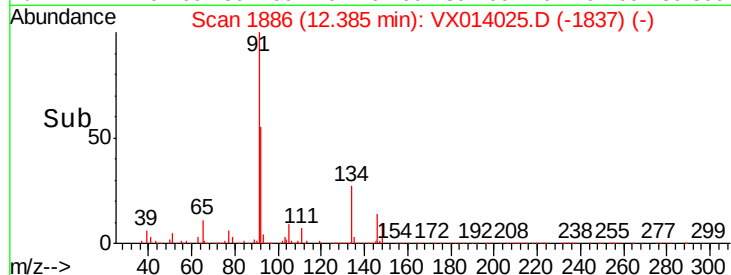
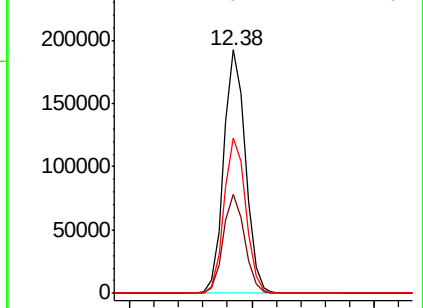
148 63.8 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.310 ug/l

RT: 12.99 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014025.D

Acq: 16 Dec 2019 11:10

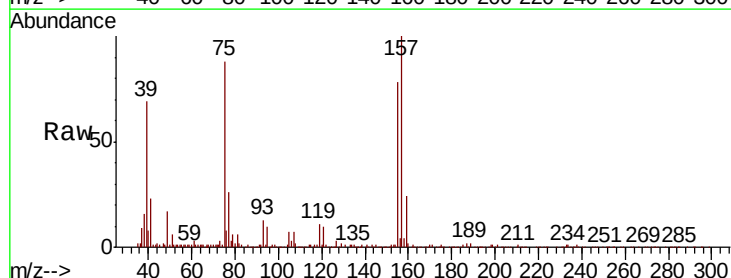
Tgt Ion: 75 Resp: 36655

Ion Ratio Lower Upper

75 100

155 90.1 46.9 140.6

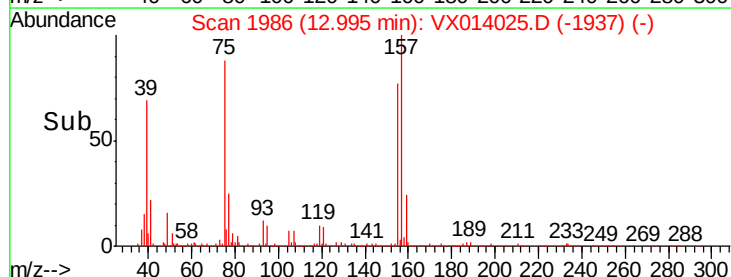
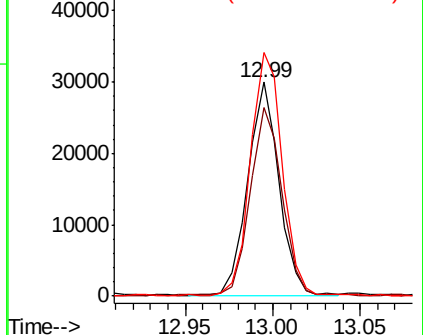
157 118.6 60.8 182.4

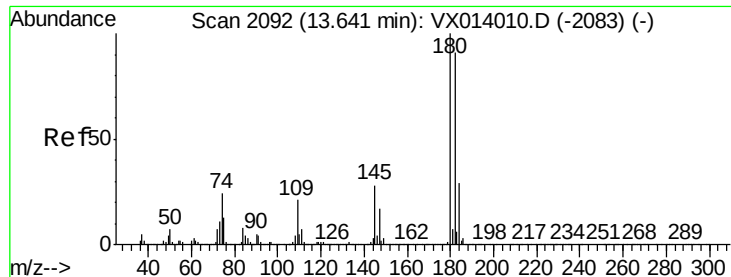


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

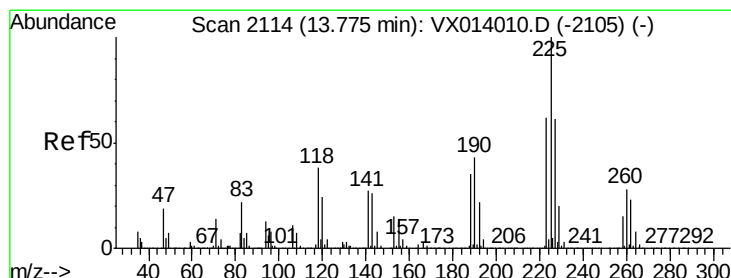
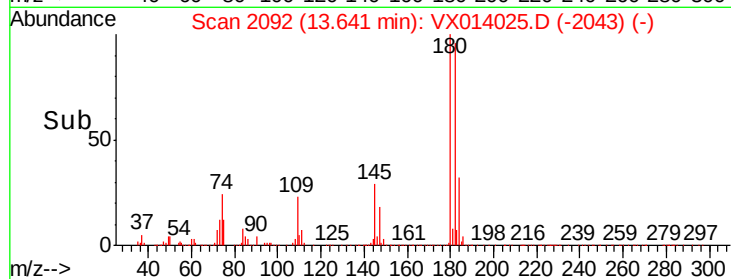
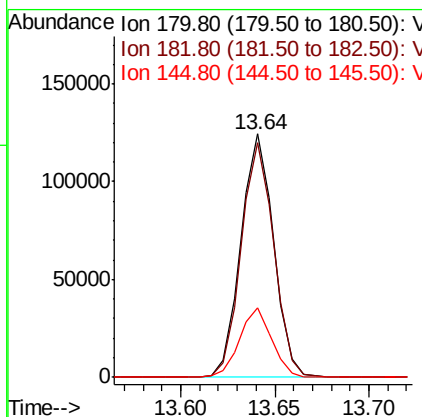
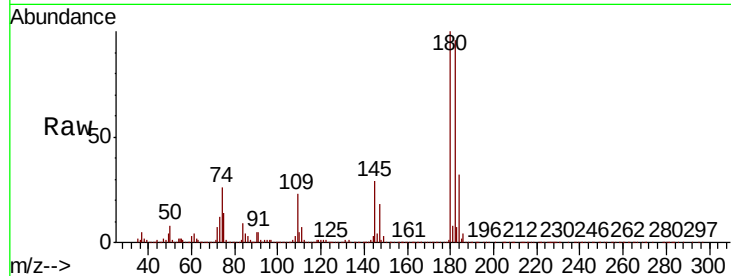




#93
 1,2,4-Trichlorobenzene
 Concen: 17.211 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014025.D
 Acq: 16 Dec 2019 11:10

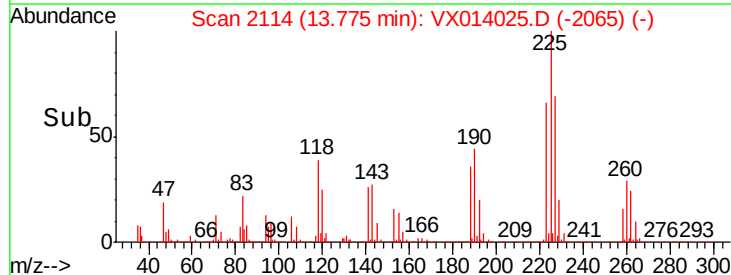
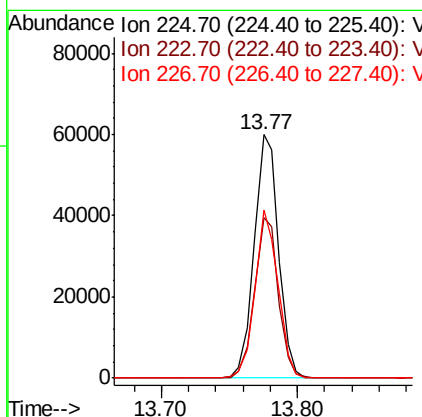
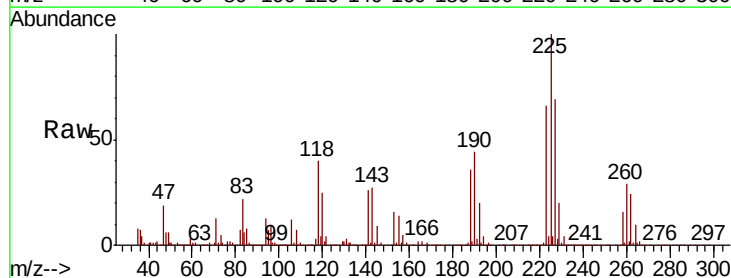
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBS01

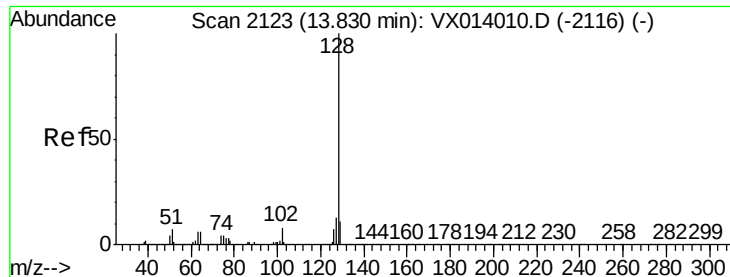
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	46.6	139.8
145	28.5	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 18.102 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014025.D
 Acq: 16 Dec 2019 11:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	30.9	92.5
227	65.1	30.9	92.7





#95

Naphthalene

Concen: 17.773 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014025.D

Acq: 16 Dec 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBS01

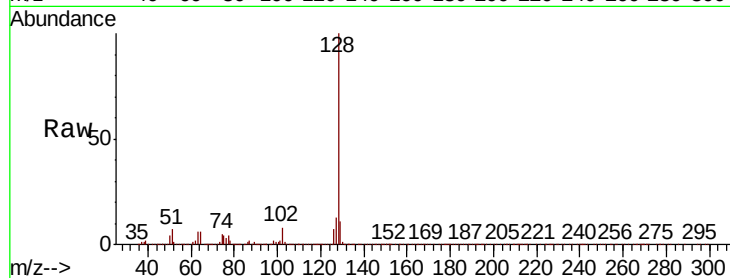
Tot Ion:128 Resp: 454724

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 10.9 8.7 13.1

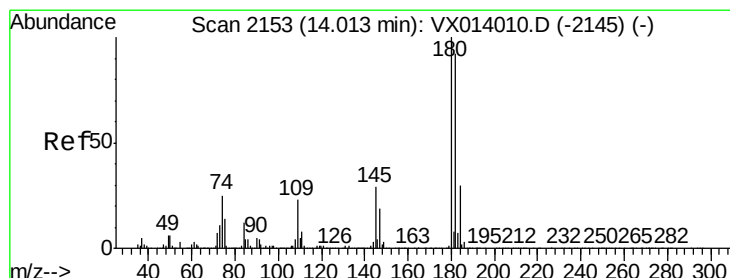
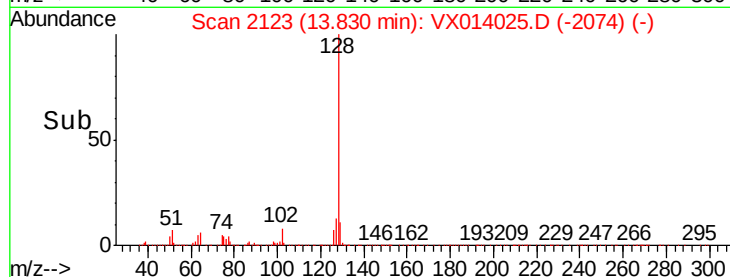
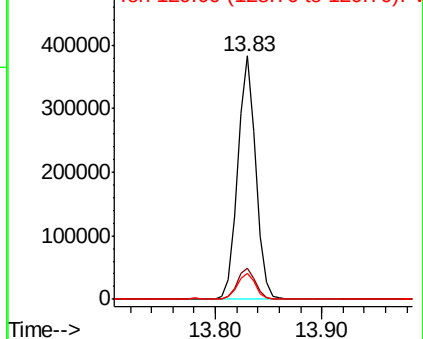


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.654 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014025.D

Acq: 16 Dec 2019 11:10

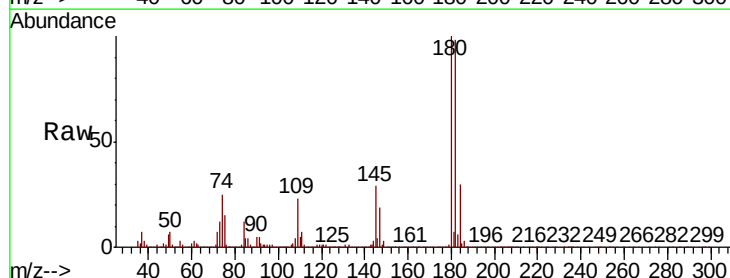
Tgt Ion:180 Resp: 151754

Ion Ratio Lower Upper

180 100

182 97.7 46.8 140.3

145 30.5 14.8 44.4



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

