

Data File : VX013959.D
Acq On : 11 Dec 2019 22:34
Operator : JC/SP
Sample : VX1211WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS02

Quant Time: Dec 12 04:06:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	487098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	754555	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	687596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	332198	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	278192	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
35) Dibromofluoromethane	5.49	113	229860	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
50) Toluene-d8	8.71	98	857100	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	
62) 4-Bromofluorobenzene	11.14	95	313206	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	92273	17.019	ug/l	99
3) Chloromethane	1.32	50	116012	19.070	ug/l	99
4) Vinyl Chloride	1.40	62	130502	19.059	ug/l	97
5) Bromomethane	1.63	94	94726	20.600	ug/l	96
6) Chloroethane	1.70	64	72851	18.697	ug/l	96
7) Trichlorofluoromethane	1.92	101	139342	18.327	ug/l	100
8) Diethyl Ether	2.18	74	68526	19.922	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	84561	18.208	ug/l	99
10) Methyl Iodide	2.50	142	93171	16.585	ug/l	97
11) Tert butyl alcohol	3.04	59	123279	88.333	ug/l	98
12) 1,1-Dichloroethene	2.36	96	85293	18.400	ug/l	98
13) Acrolein	2.28	56	72443	81.756	ug/l	98
14) Allyl chloride	2.72	41	156931	18.655	ug/l	98
15) Acrylonitrile	3.13	53	282898	98.201	ug/l	99
16) Acetone	2.44	43	322506	115.531	ug/l	97
17) Carbon Disulfide	2.56	76	200463	15.170	ug/l	98
18) Methyl Acetate	2.76	43	164283	21.134	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	307765	20.041	ug/l	99
20) Methylene Chloride	2.85	84	108972	20.319	ug/l	92
21) trans-1,2-Dichloroethene	3.15	96	91395	18.098	ug/l	96
22) Diisopropyl ether	3.84	45	337467	20.833	ug/l	96
23) Vinyl Acetate	3.80	43	1296802	96.235	ug/l	99
24) 1,1-Dichloroethane	3.69	63	176432	19.924	ug/l	99
25) 2-Butanone	4.66	43	422577	101.858	ug/l	99
26) 2,2-Dichloropropane	4.57	77	120199	16.406	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	113243	19.527	ug/l	97
28) Bromochloromethane	5.01	49	81546	23.297	ug/l	96
29) Tetrahydrofuran	5.11	42	252447	98.707	ug/l	99
30) Chloroform	5.20	83	174020	19.378	ug/l	99
31) Cyclohexane	5.57	56	141595	16.953	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	141384	18.840	ug/l	99
36) 1,1-Dichloropropene	5.79	75	121425	17.728	ug/l	98
37) Ethyl Acetate	4.82	43	148477	19.323	ug/l	99
38) Carbon Tetrachloride	5.78	117	114671	18.156	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	136162	16.082	ug/l	99
40) Benzene	6.14	78	403089	19.322	ug/l	99
41) Methacrylonitrile	5.03	41	85028	20.177	ug/l	99
42) 1,2-Dichloroethane	6.18	62	140875	19.801	ug/l	99
43) Isopropyl Acetate	6.43	43	242630	19.180	ug/l	99
44) Trichloroethene	7.21	130	104123	18.186	ug/l	98
45) 1,2-Dichloropropane	7.51	63	107254	20.549	ug/l	93
46) Dibromomethane	7.65	93	67810	19.129	ug/l	98
47) Bromodichloromethane	7.89	83	126079	18.814	ug/l	98
48) Methyl methacrylate	7.76	41	119063	19.371	ug/l	98
49) 1,4-Dioxane	7.73	88	46921	341.038	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	802921	100.903	ug/l	99
52) Toluene	8.78	92	250972	19.365	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	136243	17.861	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	153038	18.364	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	107069	20.501	ug/l	98
56) Ethyl methacrylate	9.17	69	164259	19.563	ug/l	99
57) 1,3-Dichloropropane	9.37	76	177856	19.757	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	303220	92.106	ug/l	98
59) 2-Hexanone	9.49	43	597644	96.298	ug/l	98
60) Dibromochloromethane	9.58	129	101784	18.780	ug/l	99
61) 1,2-Dibromoethane	9.67	107	107878	19.340	ug/l	100
64) Tetrachloroethene	9.33	164	109293	21.314	ug/l	99
65) Chlorobenzene	10.14	112	269509	18.879	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	97633	19.045	ug/l	99
67) Ethyl Benzene	10.25	91	462285	18.845	ug/l	100
68) m/p-Xylenes	10.35	106	352245	37.505	ug/l	100
69) o-Xylene	10.70	106	174311	19.030	ug/l	98
70) Styrene	10.71	104	291676	18.929	ug/l	99
71) Bromoform	10.85	173	74188	17.490	ug/l	98
73) Isopropylbenzene	11.01	105	457564	19.636	ug/l	99
74) N-amyl acetate	10.89	43	207428	19.432	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	167018	20.668	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	179274	23.994	ug/l	88
77) Bromobenzene	11.25	156	119445	18.974	ug/l	97
78) n-propylbenzene	11.35	91	500363	19.235	ug/l	99
79) 2-Chlorotoluene	11.42	91	310513	19.899	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	377857	19.785	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	44368	16.246	ug/l	93
82) 4-Chlorotoluene	11.51	91	349070	19.314	ug/l	99
83) tert-Butylbenzene	11.76	119	372045	19.168	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	382529	19.735	ug/l	100
85) sec-Butylbenzene	11.94	105	424181	19.133	ug/l	99
86) p-Isopropyltoluene	12.06	119	390520	18.935	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	207370	18.897	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	204197	18.269	ug/l	99
89) n-Butylbenzene	12.38	91	314420	17.874	ug/l	100
90) Hexachloroethane	12.59	117	66045	17.716	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	212553	19.604	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	31080	17.661	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121119\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
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Response via : Initial Calibration

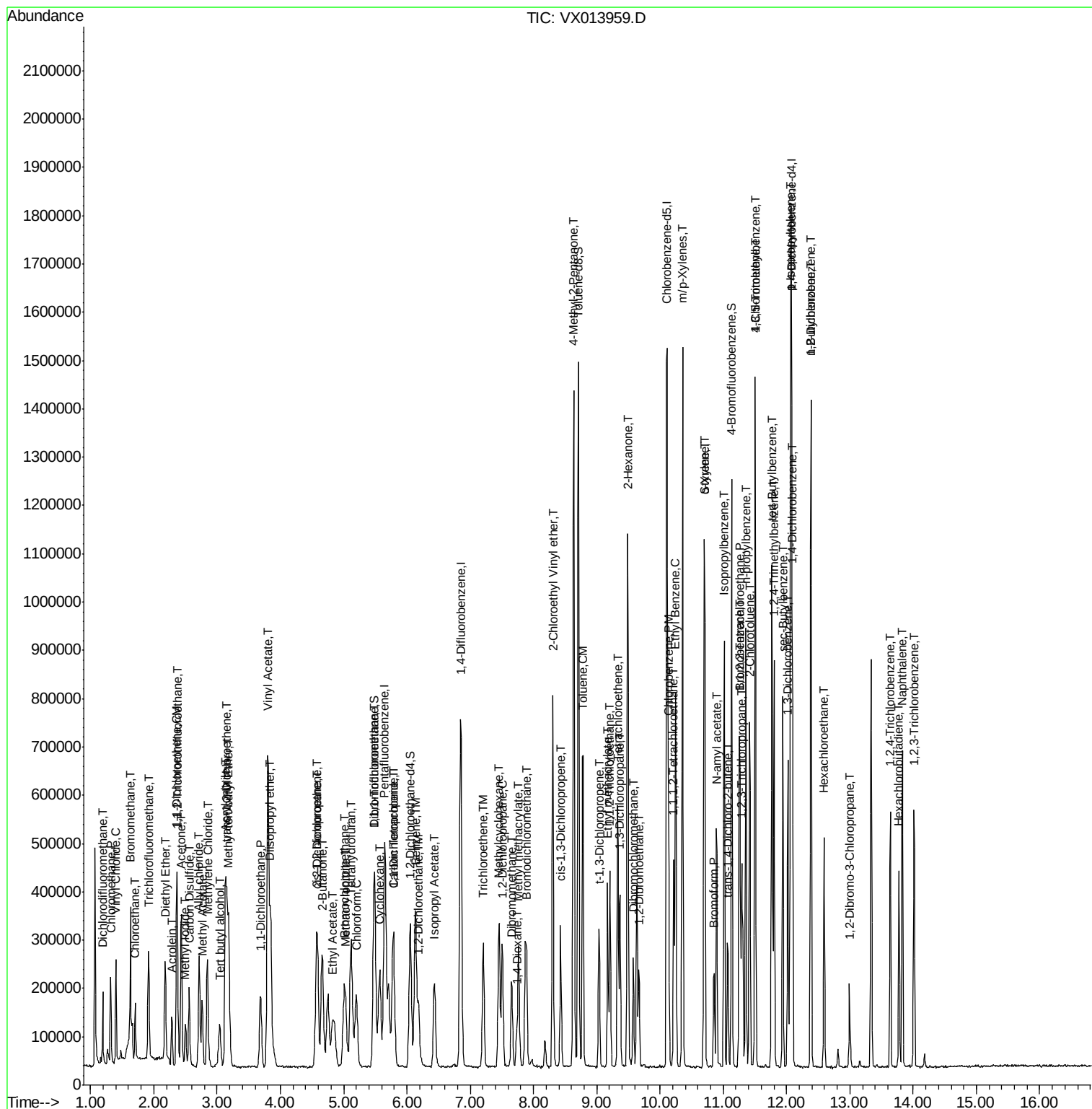
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	130104	17.218	ug/l	99
94) Hexachlorobutadiene	13.77	225	62693	17.271	ug/l	99
95) Naphthalene	13.83	128	403498	17.931	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	137152	18.332	ug/l	98

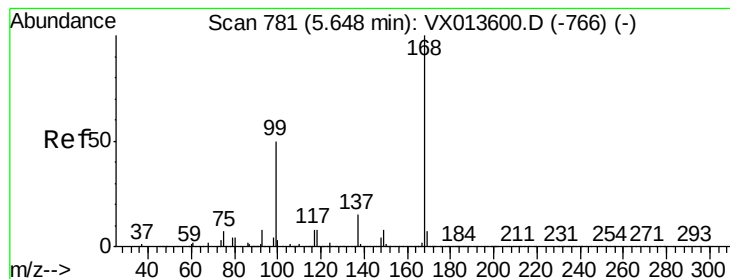
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VX1211WBS02

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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: VX013959.D

Acq: 11 Dec 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

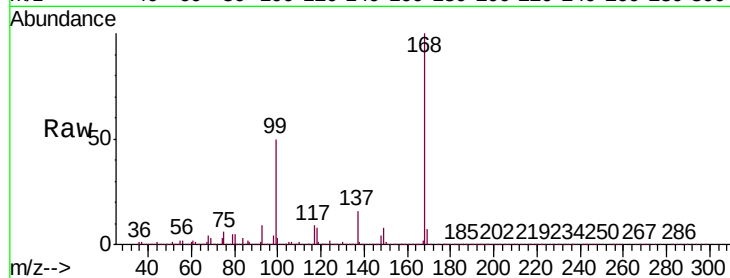
VX1211WBS02

Tgt Ion: 168 Resp: 487098

Ion Ratio Lower Upper

168 100

99 49.7 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

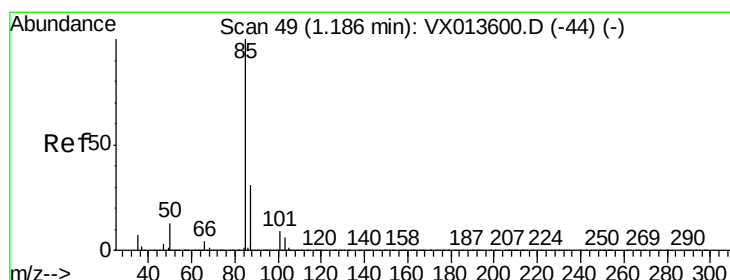
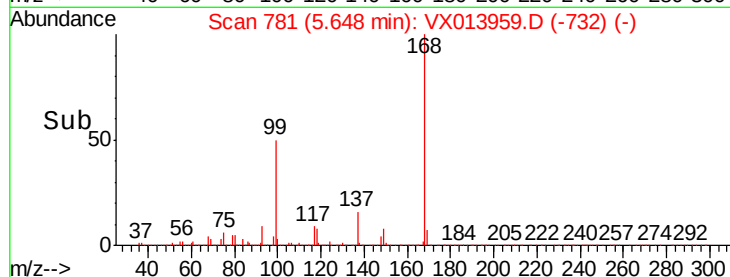
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50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 17.019 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013959.D

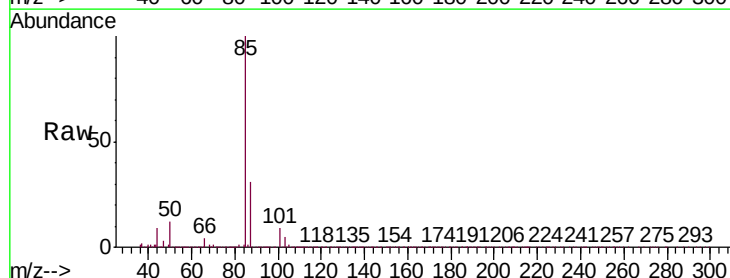
Acq: 11 Dec 2019 22:34

Tgt Ion: 85 Resp: 92273

Ion Ratio Lower Upper

85 100

87 30.6 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

80000

60000

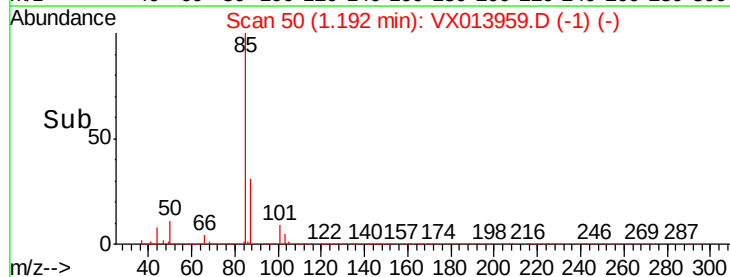
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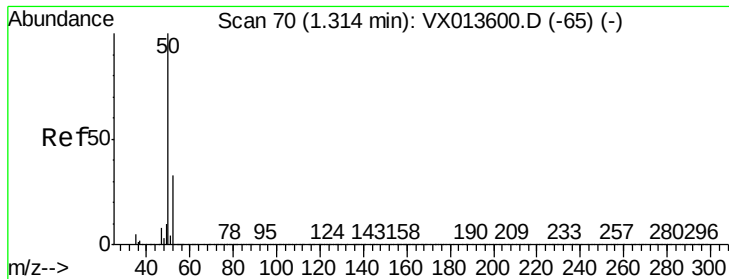
20000

0

Time-->

1.10 1.15 1.20 1.25





#3

Chloromethane

Concen: 19.070 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

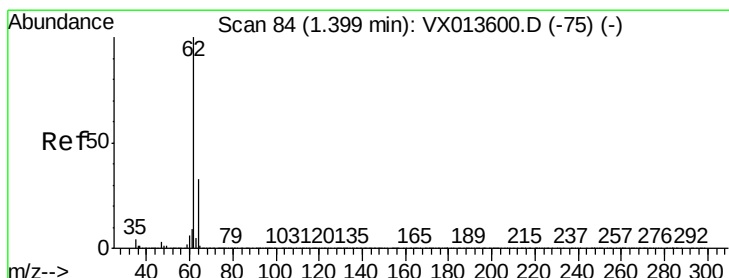
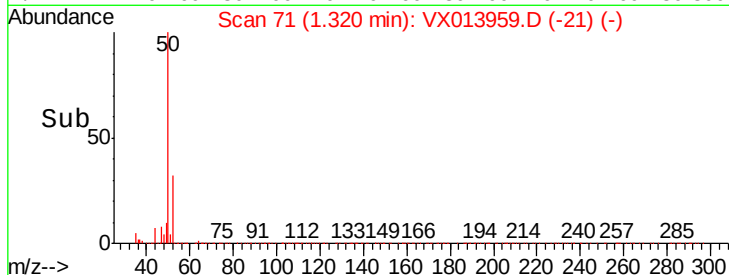
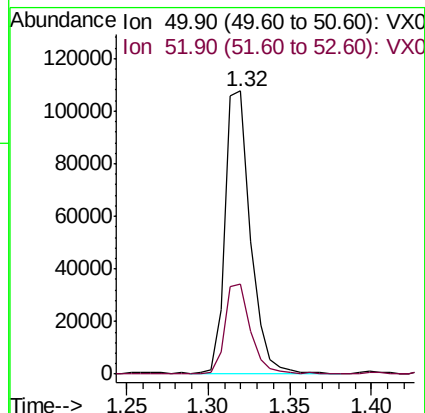
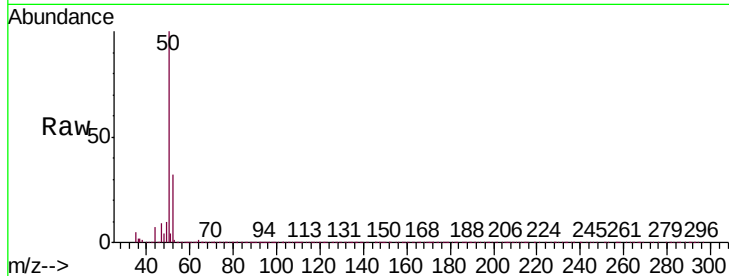
VX1211WBS02

Tgt Ion: 50 Resp: 116012

Ion Ratio Lower Upper

50 100

52 31.7 26.0 39.0



#4

Vinyl Chloride

Concen: 19.059 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013959.D

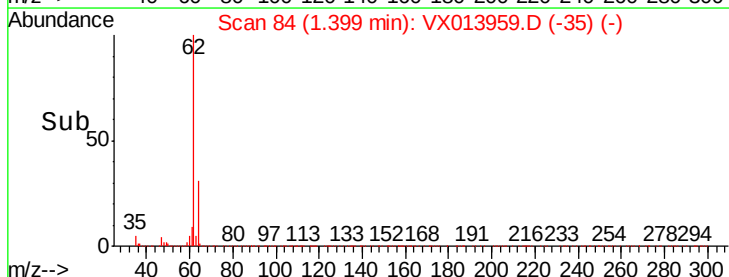
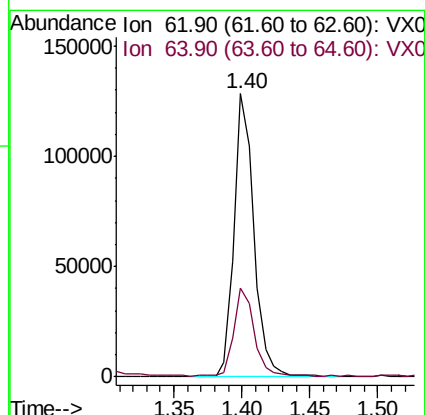
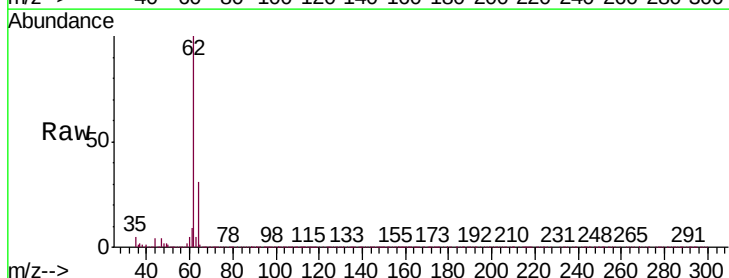
Acq: 11 Dec 2019 22:34

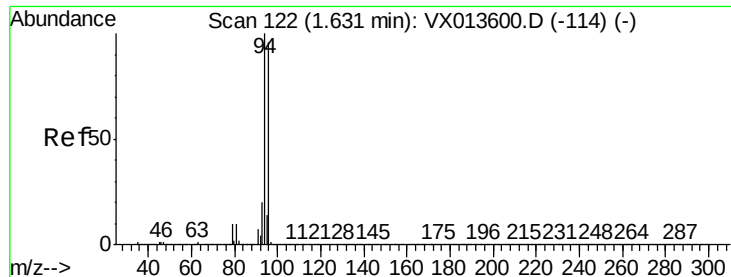
Tgt Ion: 62 Resp: 130502

Ion Ratio Lower Upper

62 100

64 31.1 26.0 39.0





#5

Bromomethane

Concen: 20.600 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

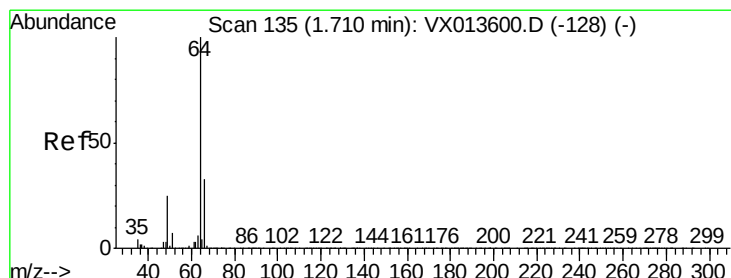
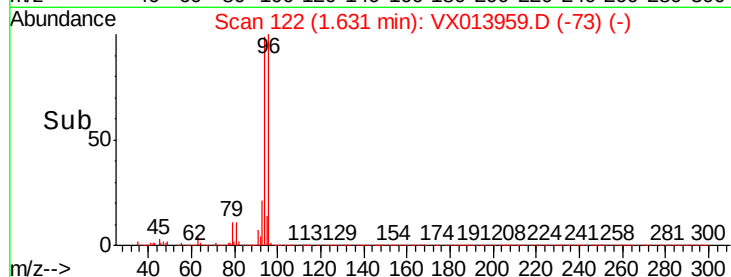
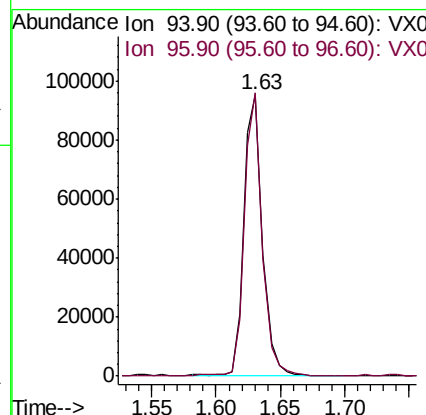
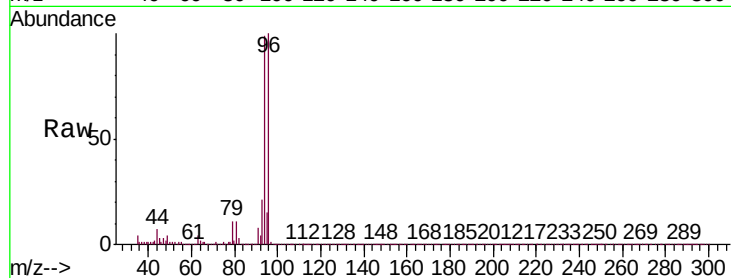
VX1211WBS02

Tgt Ion: 94 Resp: 94726

Ion Ratio Lower Upper

94 100

96 100.6 77.0 115.4



#6

Chloroethane

Concen: 18.697 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX013959.D

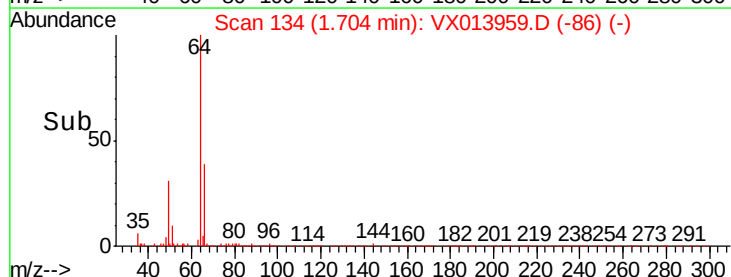
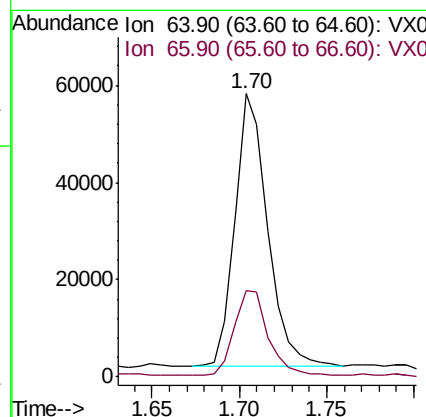
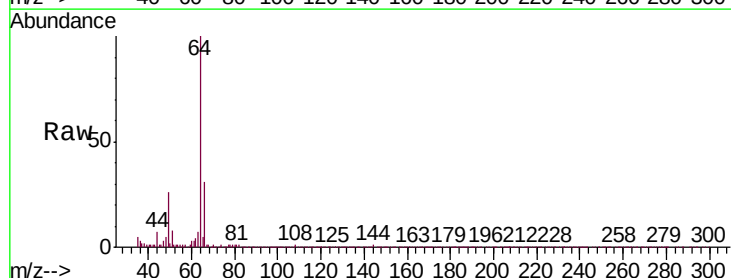
Acq: 11 Dec 2019 22:34

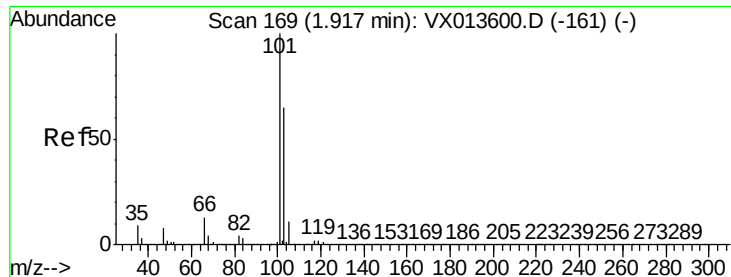
Tgt Ion: 64 Resp: 72851

Ion Ratio Lower Upper

64 100

66 31.0 26.7 40.1



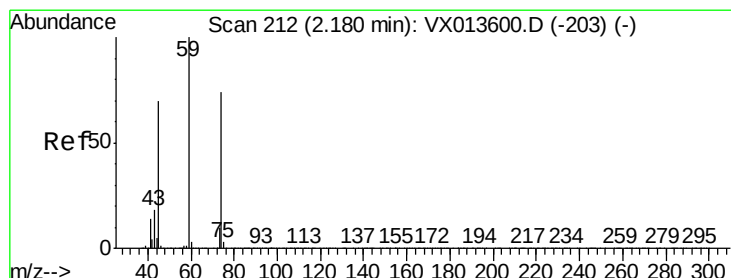
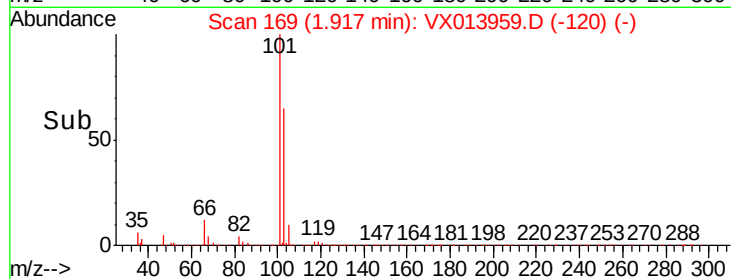
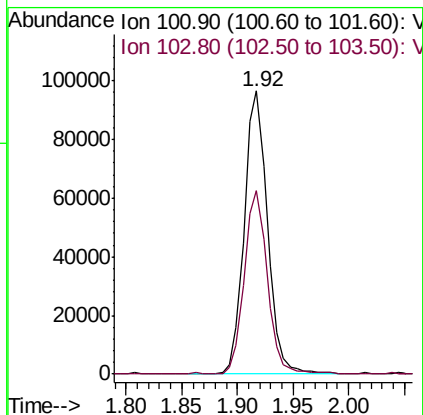
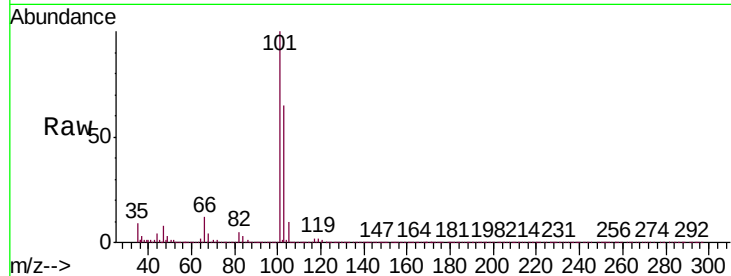


#7

Trichlorofluoromethane
Concen: 18.327 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
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VX1211WBS02

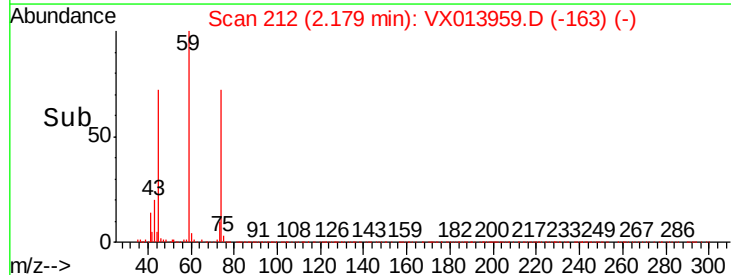
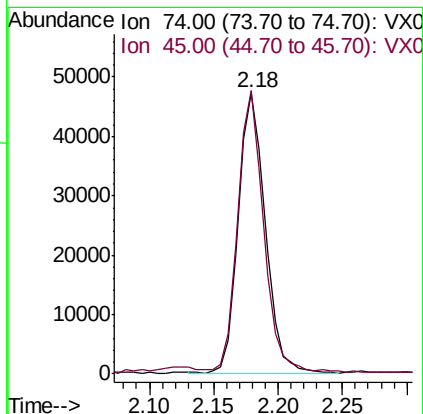
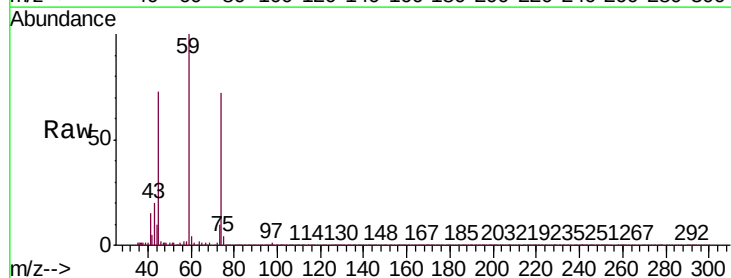
Tgt Ion: 101 Resp: 139342
Ion Ratio Lower Upper
101 100
103 64.9 51.8 77.6

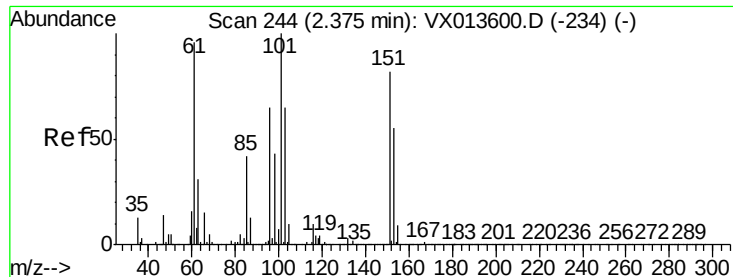


#8

Diethyl Ether
Concen: 19.922 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Tgt Ion: 74 Resp: 68526
Ion Ratio Lower Upper
74 100
45 98.5 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.208 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS02

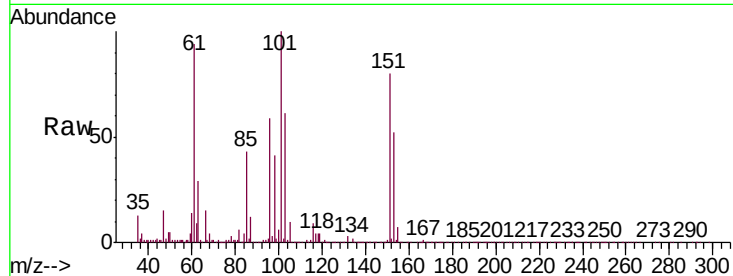
Tgt Ion:101 Resp: 84561

Ion Ratio Lower Upper

101 100

85 42.7 33.9 50.9

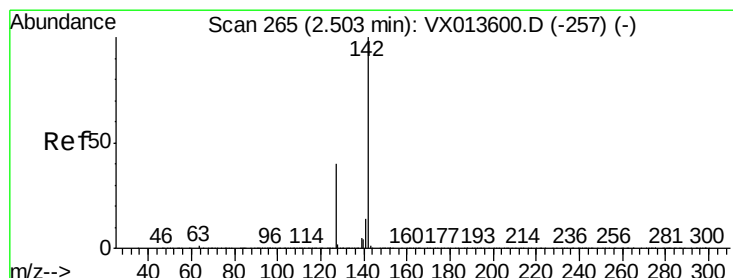
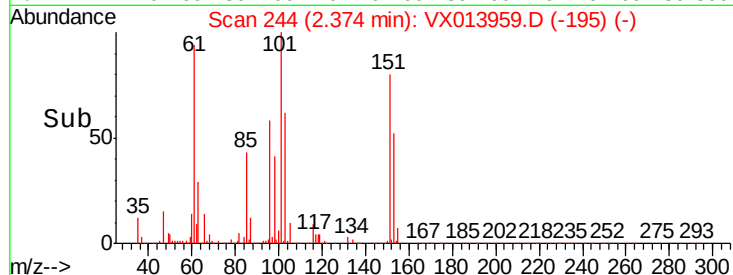
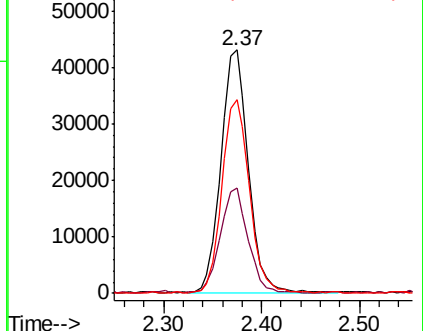
151 79.3 64.2 96.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.585 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

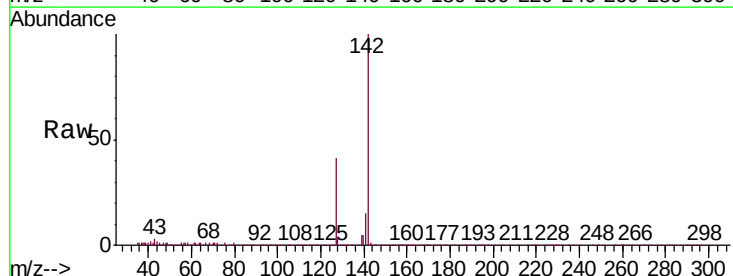
Tgt Ion:142 Resp: 93171

Ion Ratio Lower Upper

142 100

127 40.5 31.0 46.4

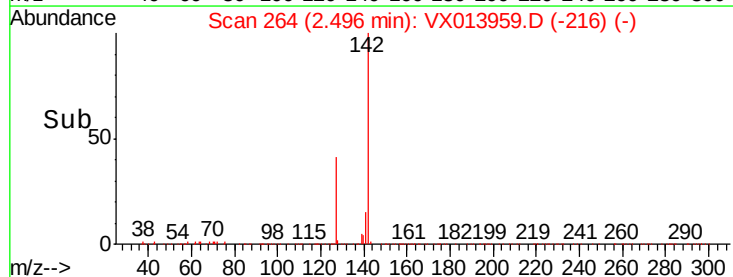
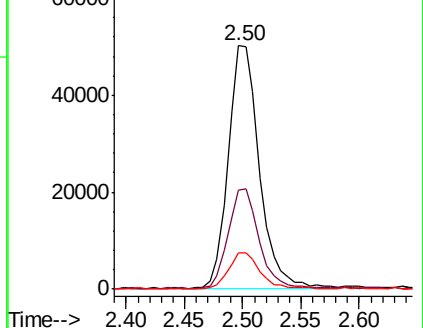
141 15.3 11.6 17.4

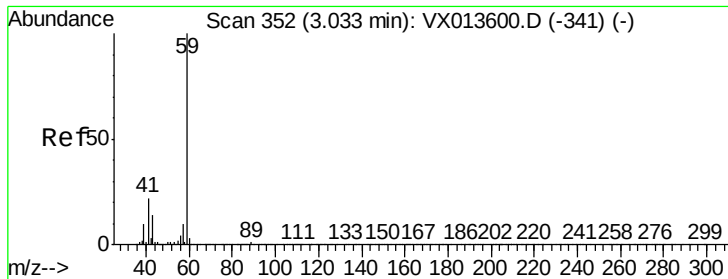


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

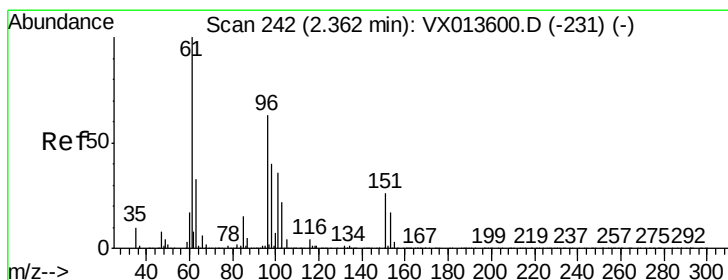
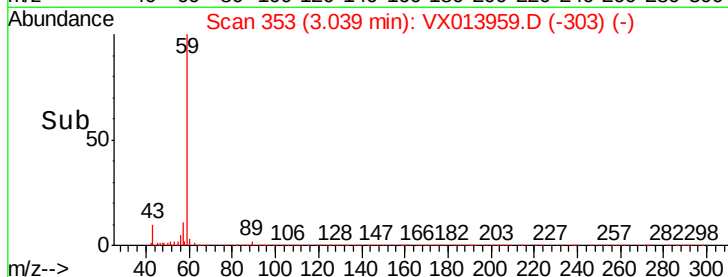
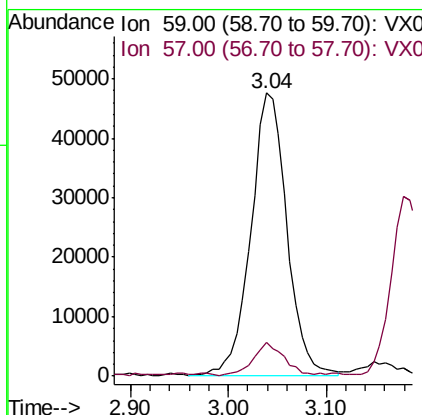
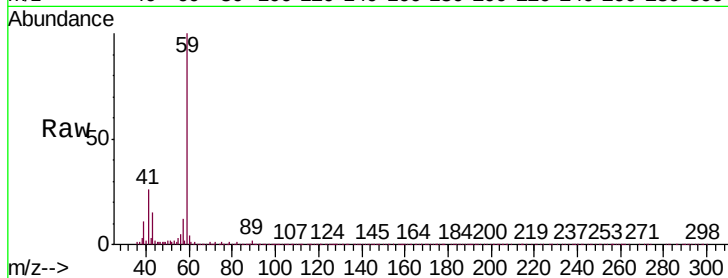




#11
Tert butyl alcohol
Concen: 88.333 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.01 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

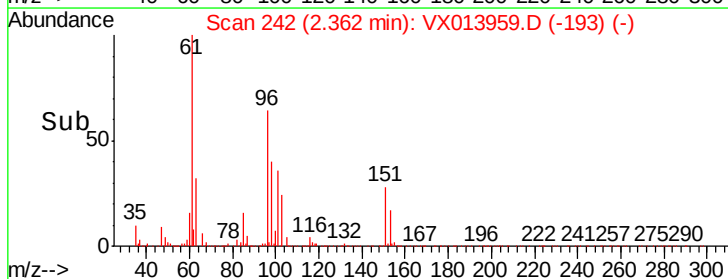
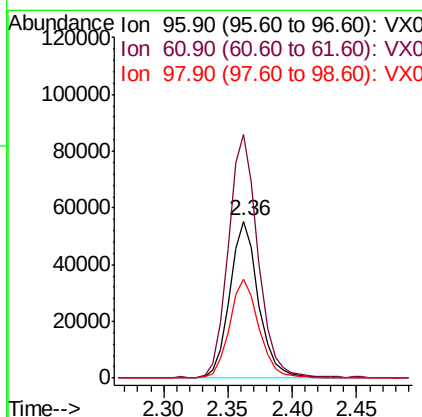
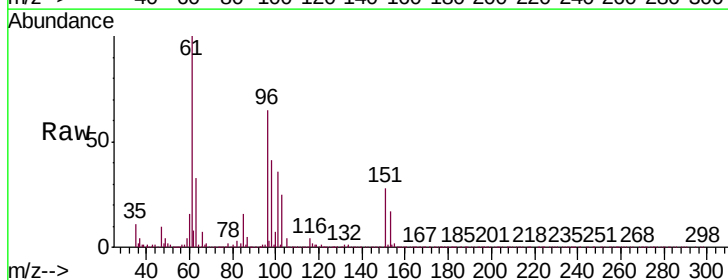
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS02

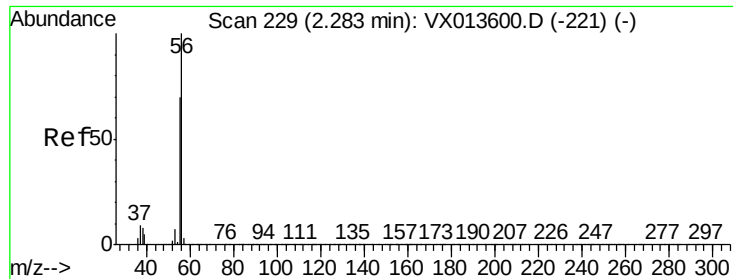
Tgt Ion: 59 Resp: 123279
Ion Ratio Lower Upper
59 100
57 10.3 7.8 11.6



#12
1,1-Dichloroethene
Concen: 18.400 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Tgt Ion: 96 Resp: 85293
Ion Ratio Lower Upper
96 100
61 155.0 126.6 190.0
98 62.8 50.6 76.0

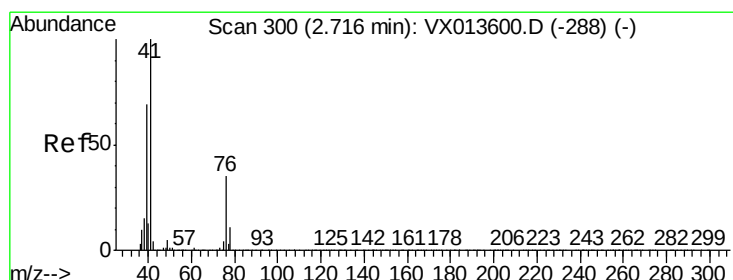
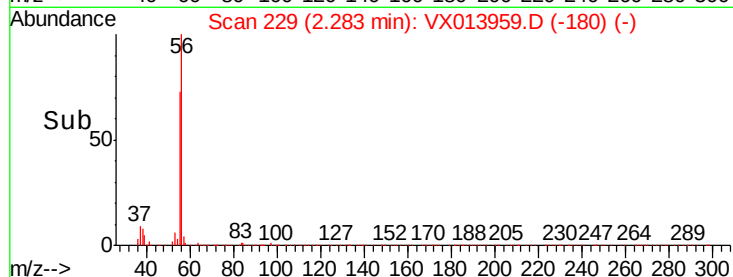
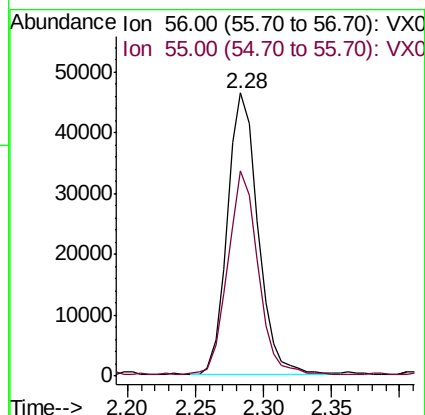
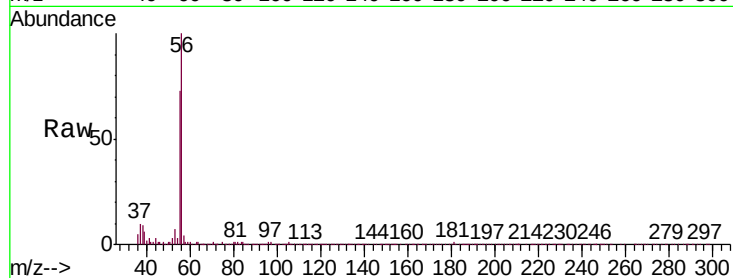




#13
Acrolein
Concen: 81.756 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

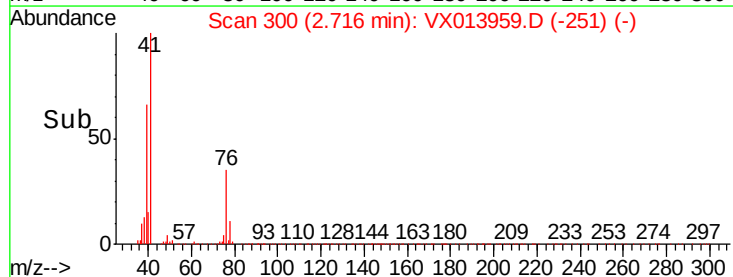
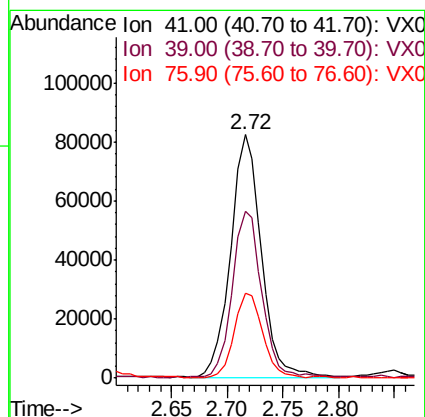
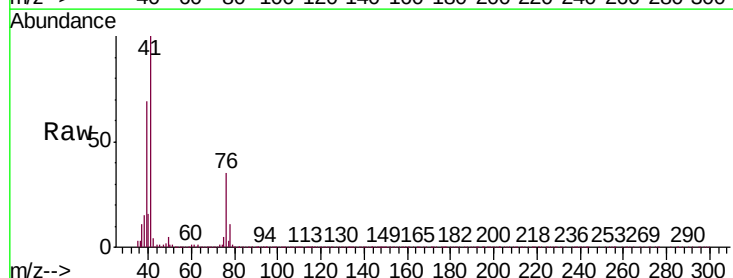
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS02

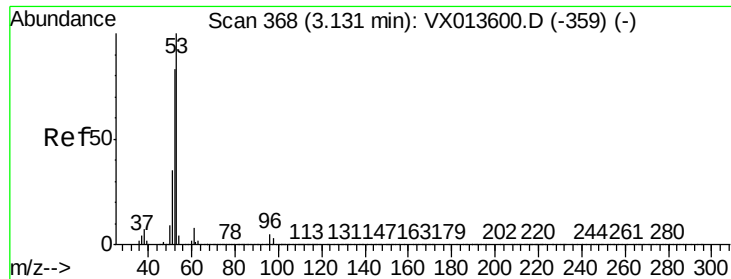
Tgt Ion: 56 Resp: 72443
Ion Ratio Lower Upper
56 100
55 72.0 56.2 84.4



#14
Allyl chloride
Concen: 18.655 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Tgt Ion: 41 Resp: 156931
Ion Ratio Lower Upper
41 100
39 67.2 51.7 77.5
76 32.2 25.9 38.9

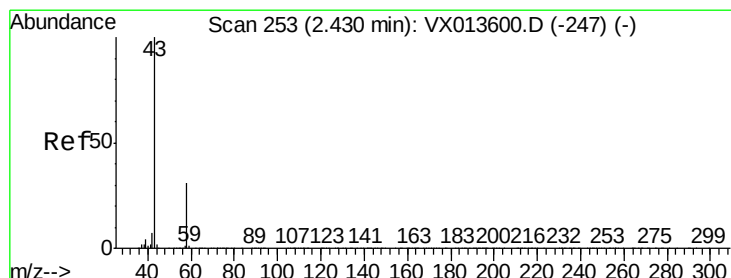
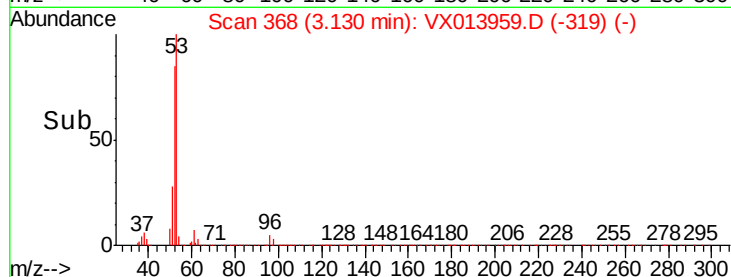
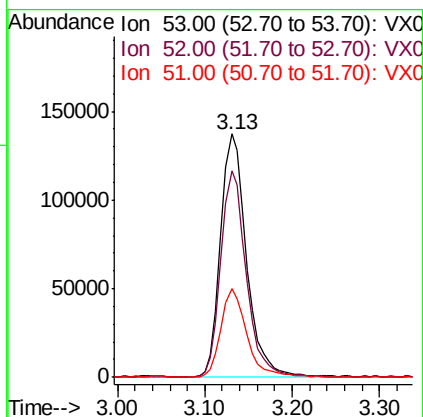
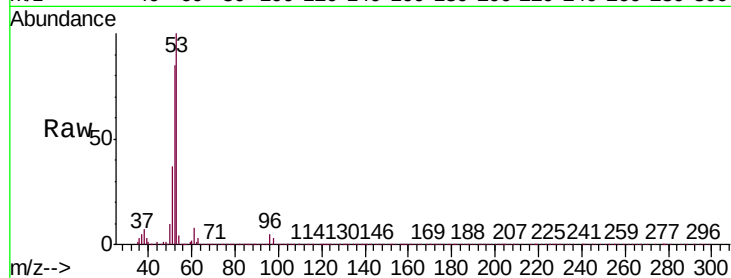




#15
 Acrylonitrile
 Concen: 98.201 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VX013959.D
 Acq: 11 Dec 2019 22:34

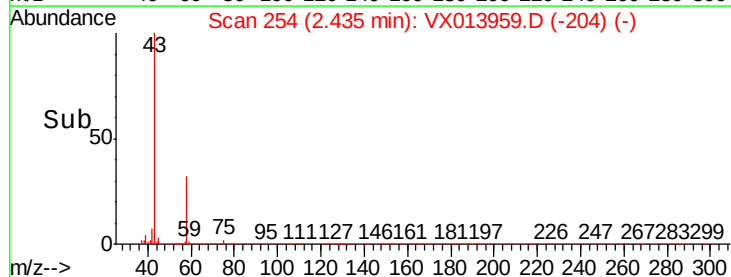
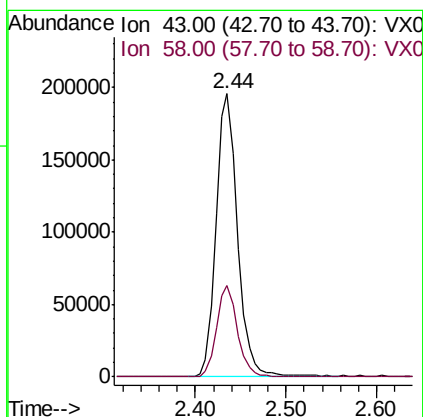
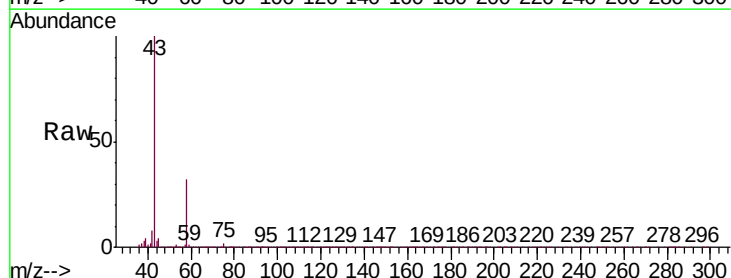
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBS02

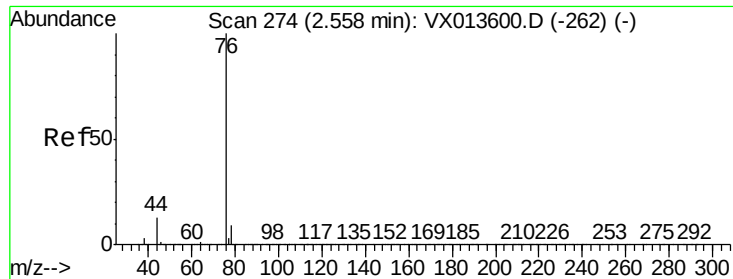
Tgt Ion:	53	Resp:	282898
Ion	Ratio	Lower	Upper
53	100		
52	83.8	66.2	99.2
51	35.9	29.0	43.6



#16
 Acetone
 Concen: 115.531 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. 0.01 min
 Lab File: VX013959.D
 Acq: 11 Dec 2019 22:34

Tgt Ion:	43	Resp:	322506
Ion	Ratio	Lower	Upper
43	100		
58	32.1	24.6	36.8

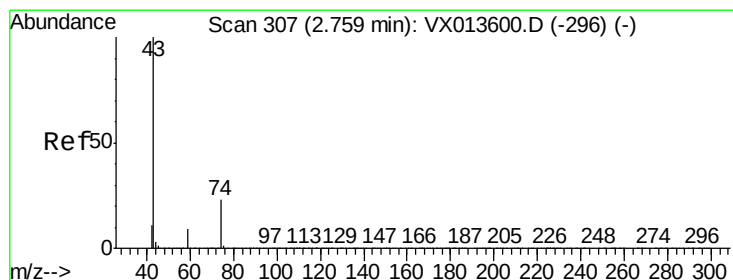
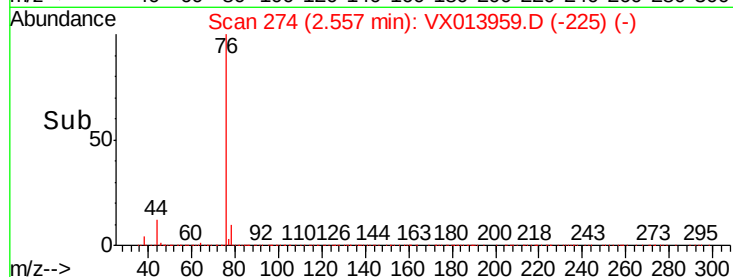
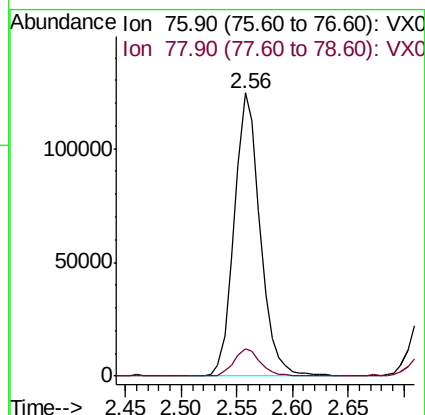
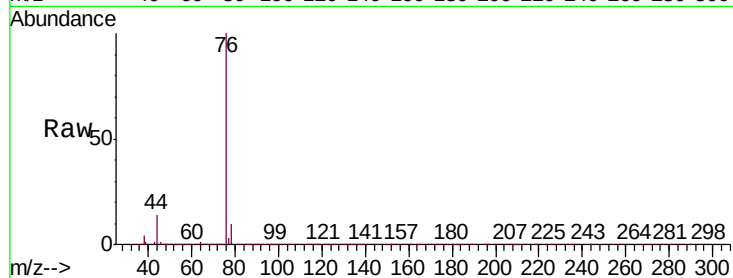




#17
Carbon Disulfide
Concen: 15.170 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

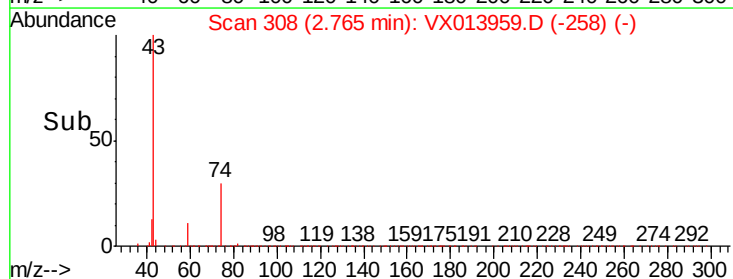
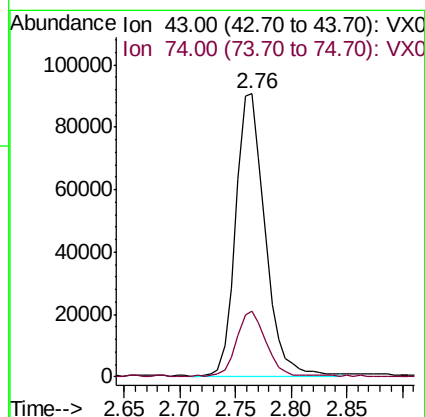
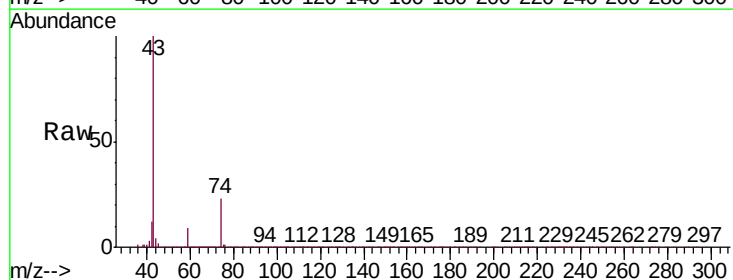
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS02

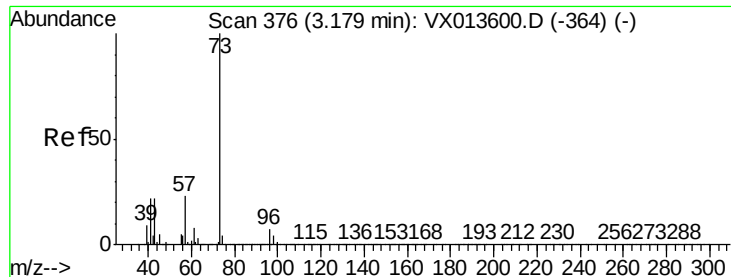
Tgt Ion: 76 Resp: 200463
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8



#18
Methyl Acetate
Concen: 21.134 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Tgt Ion: 43 Resp: 164283
Ion Ratio Lower Upper
43 100
74 22.8 19.5 29.3



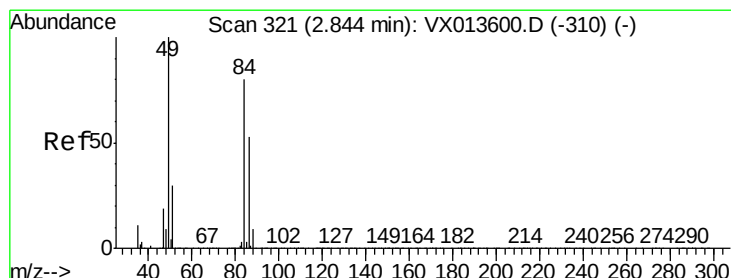
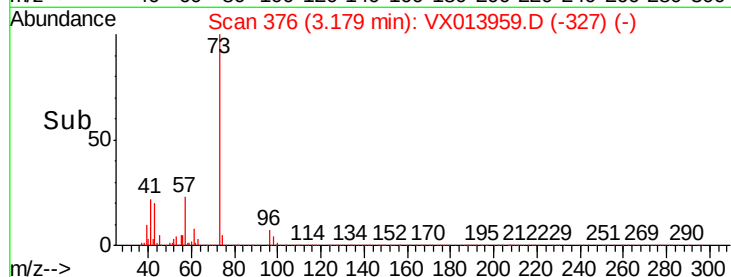
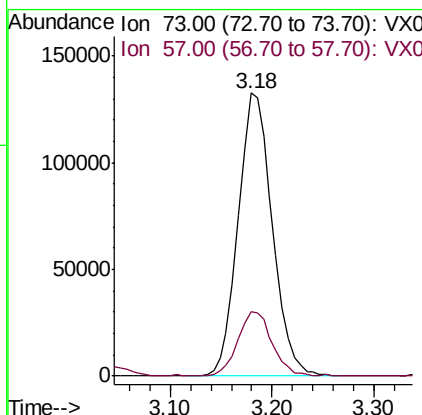
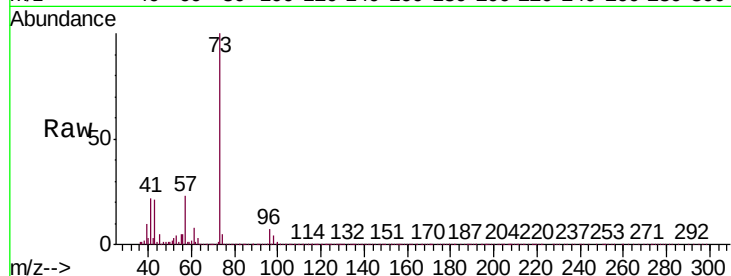


#19

Methyl tert-butyl Ether
Concen: 20.041 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS02

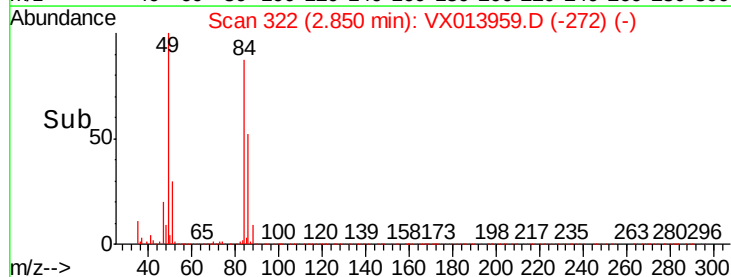
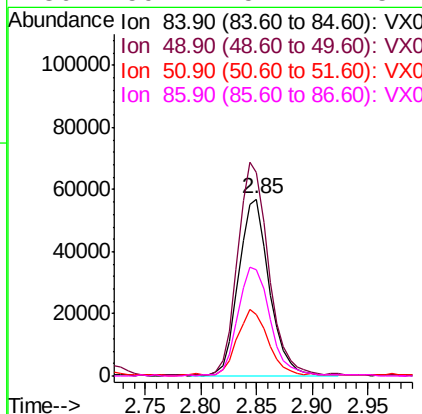
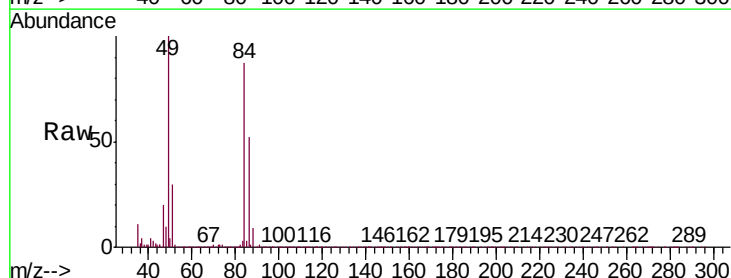
Tgt Ion: 73 Resp: 307765
Ion Ratio Lower Upper
73 100
57 22.6 18.3 27.5

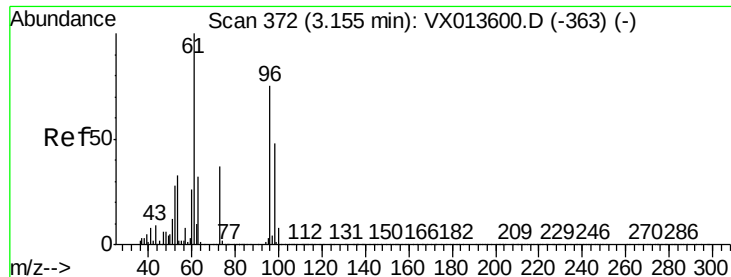


#20

Methylene Chloride
Concen: 20.319 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Tgt Ion: 84 Resp: 108972
Ion Ratio Lower Upper
84 100
49 114.8 99.7 149.5
51 34.4 29.9 44.9
86 59.7 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 18.098 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS02

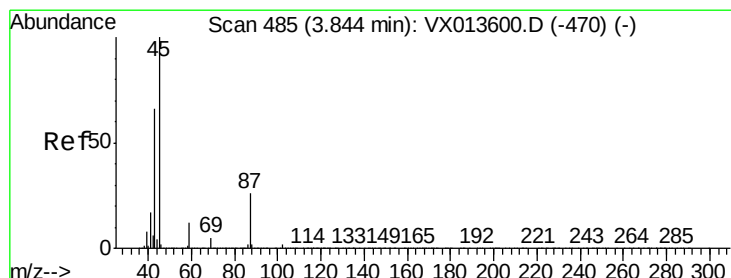
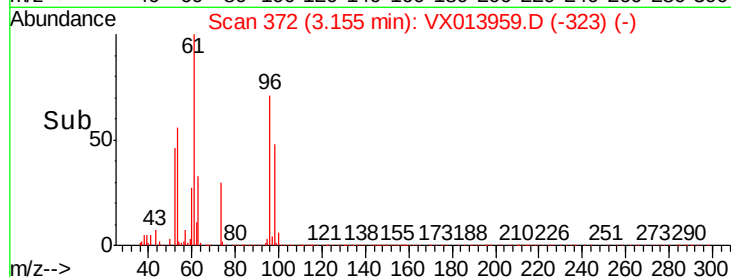
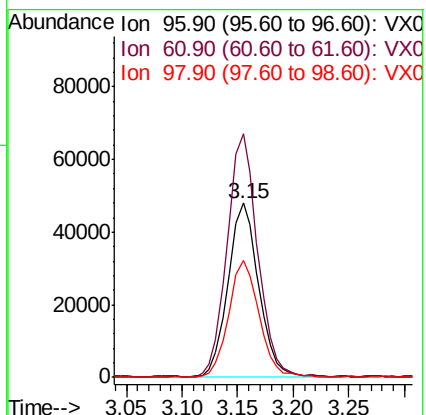
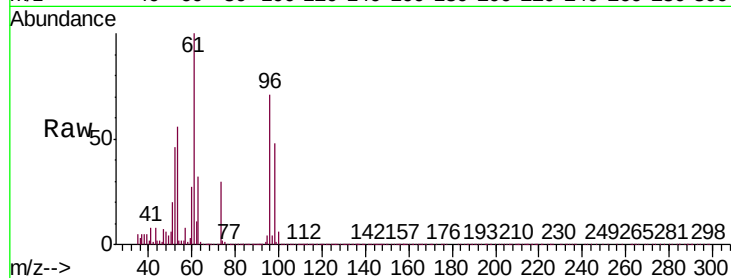
Tgt Ion: 96 Resp: 91395

Ion Ratio Lower Upper

96 100

61 139.7 107.2 160.8

98 67.1 51.4 77.0



#22

Diisopropyl ether

Concen: 20.833 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Tgt Ion: 45 Resp: 337467

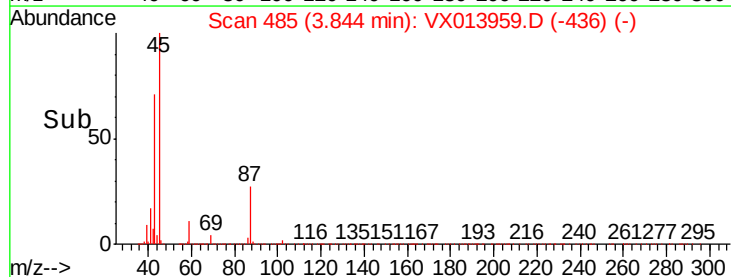
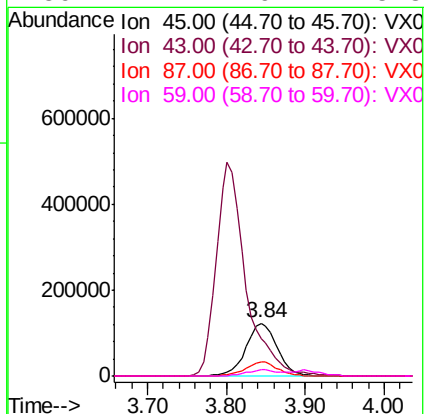
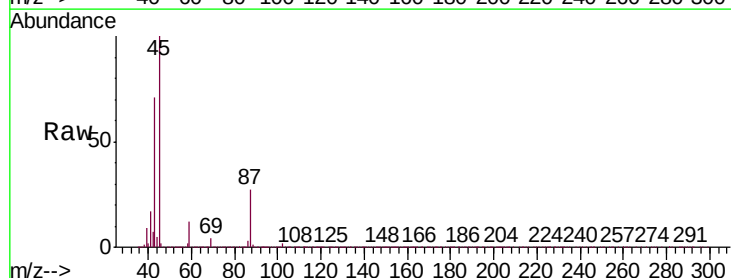
Ion Ratio Lower Upper

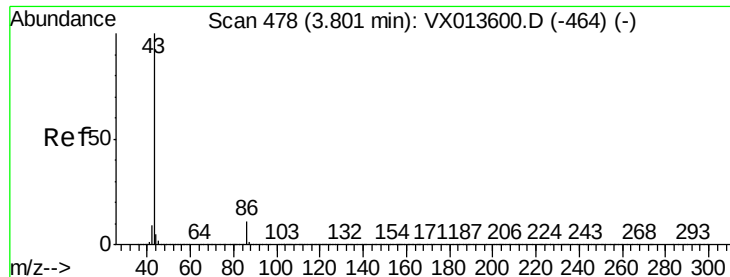
45 100

43 70.7 52.6 79.0

87 26.5 21.1 31.7

59 11.1 9.2 13.8





#23

Vinyl Acetate

Concen: 96.235 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

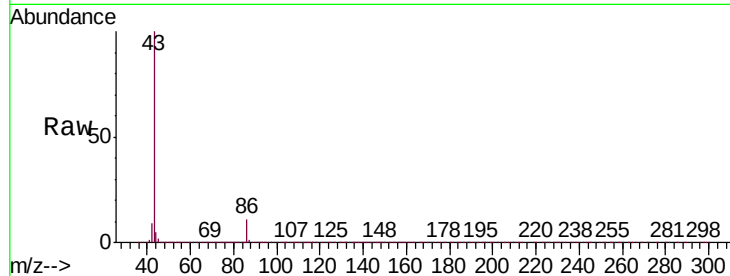
VX1211WBS02

Tgt Ion: 43 Resp: 1296802

Ion Ratio Lower Upper

43 100

86 10.6 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

500000

400000

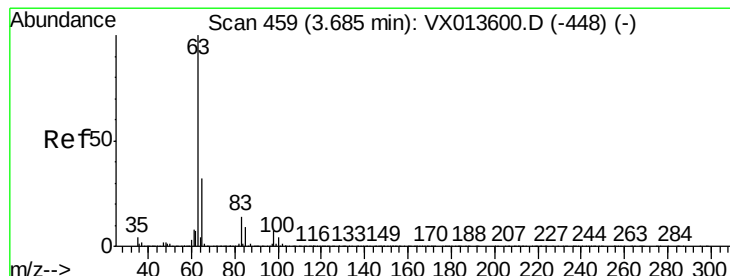
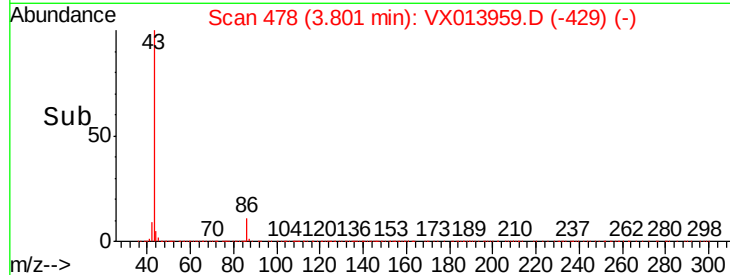
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.924 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

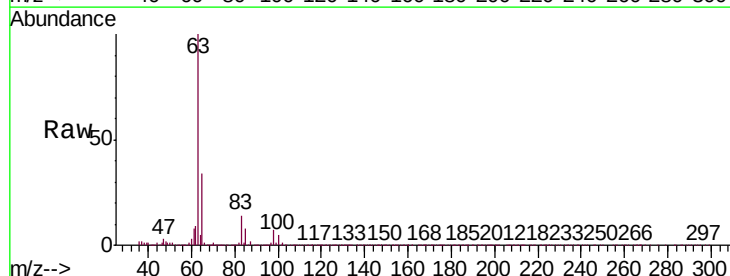
Tgt Ion: 63 Resp: 176432

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

100 4.9 2.1 6.3



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

3.69

100000

80000

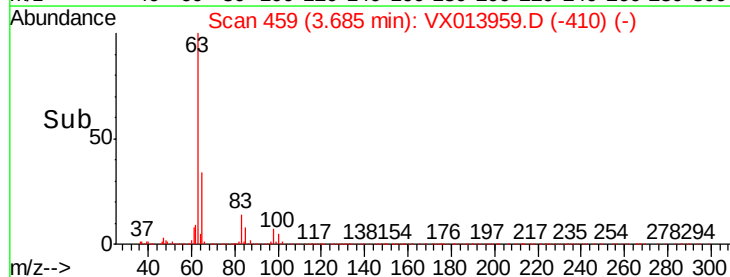
60000

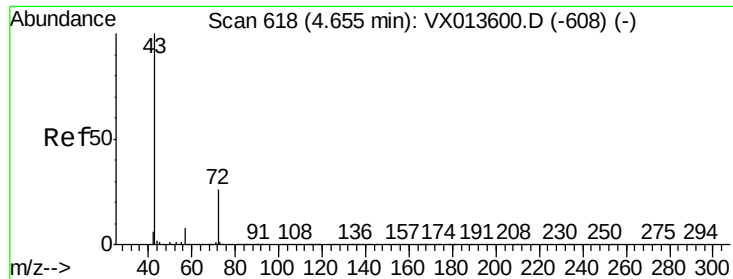
40000

20000

0

Time-->





#25

2-Butanone

Concen: 101.858 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

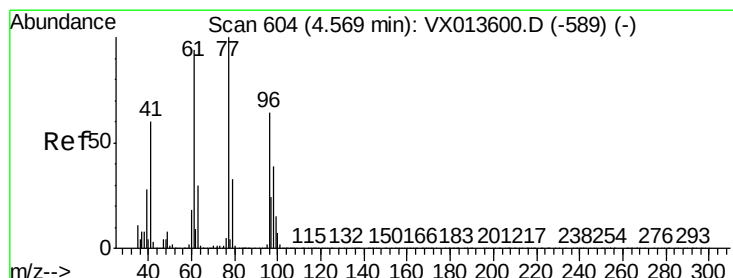
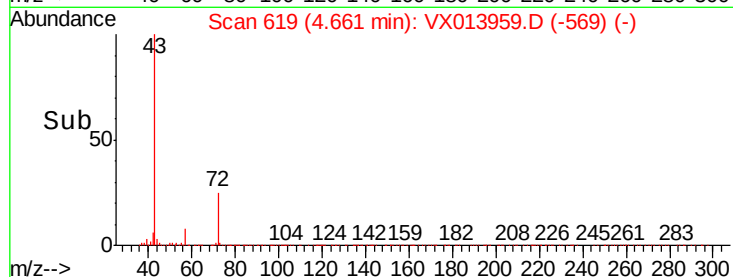
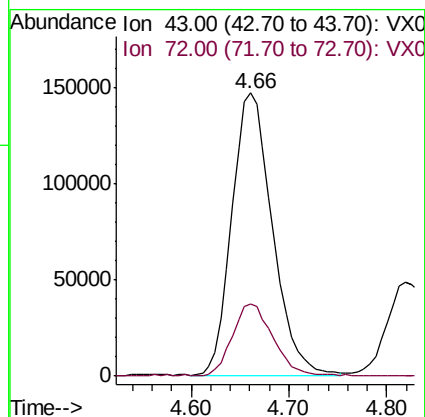
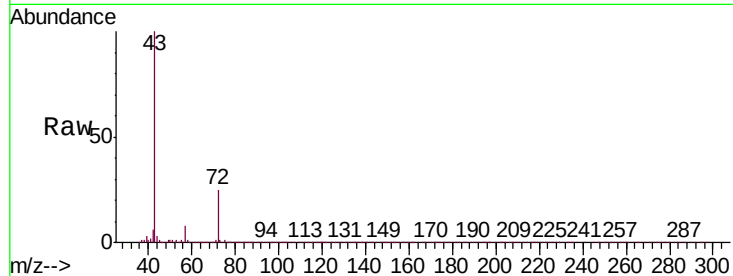
VX1211WBS02

Tgt Ion: 43 Resp: 422577

Ion Ratio Lower Upper

43 100

72 25.3 20.6 31.0



#26

2,2-Dichloropropane

Concen: 16.406 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013959.D

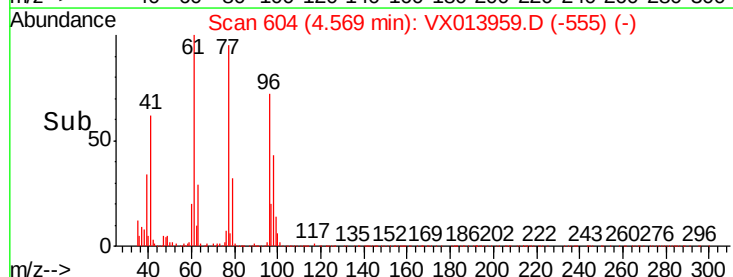
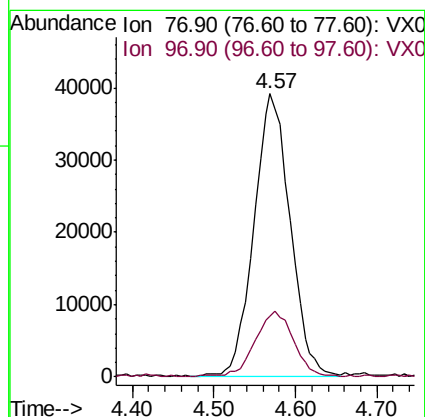
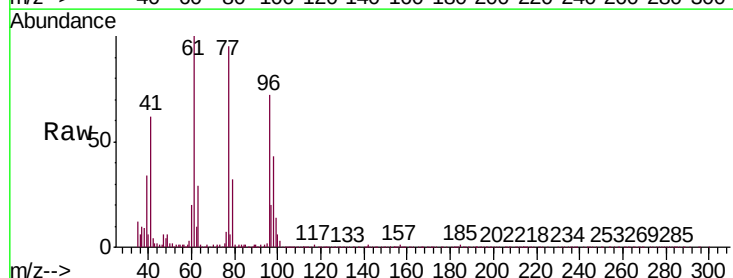
Acq: 11 Dec 2019 22:34

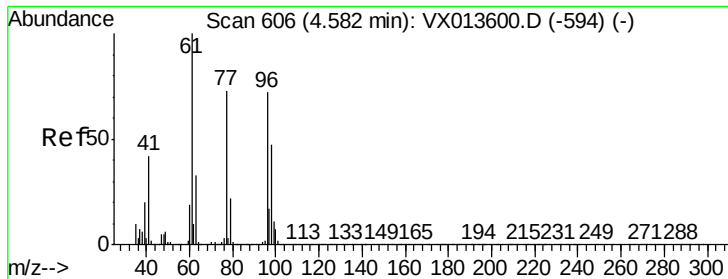
Tgt Ion: 77 Resp: 120199

Ion Ratio Lower Upper

77 100

97 24.6 12.0 36.1



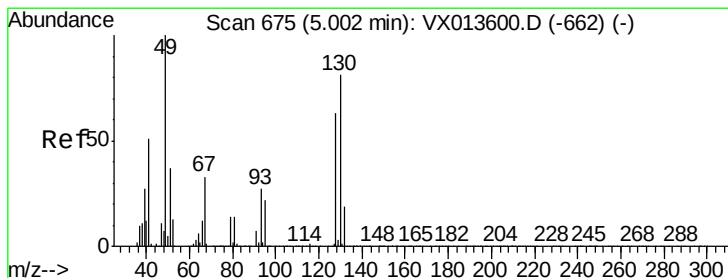
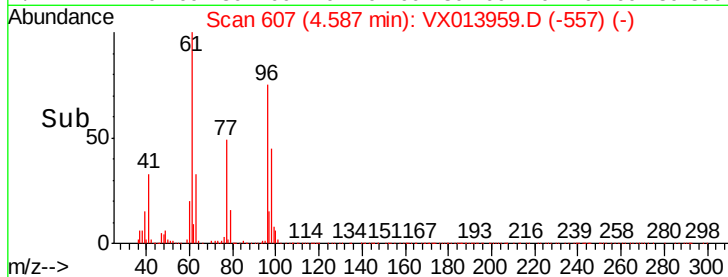
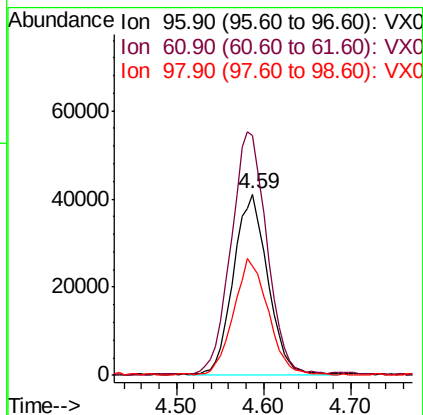
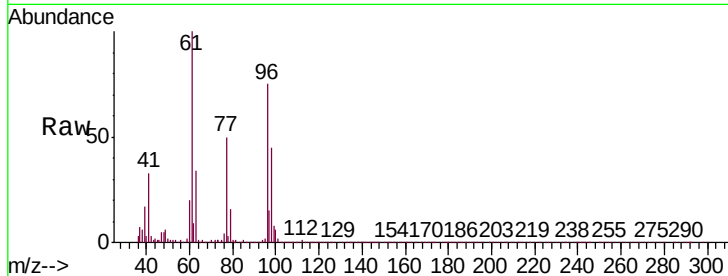


#27

cis-1,2-Dichloroethene
Concen: 19.527 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS02

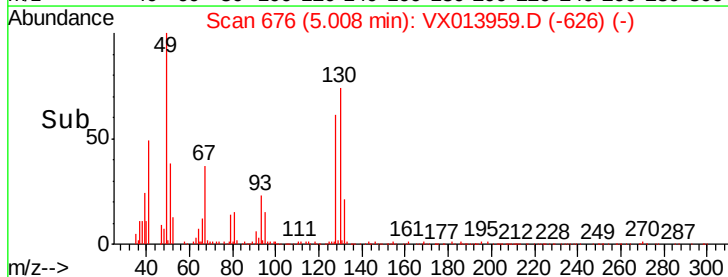
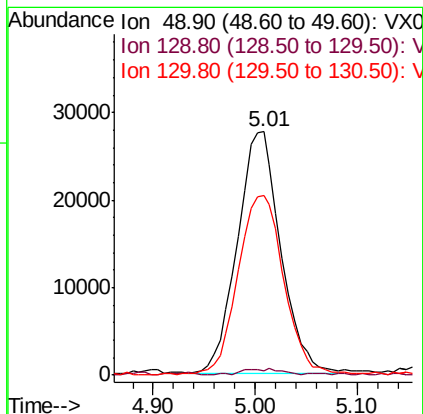
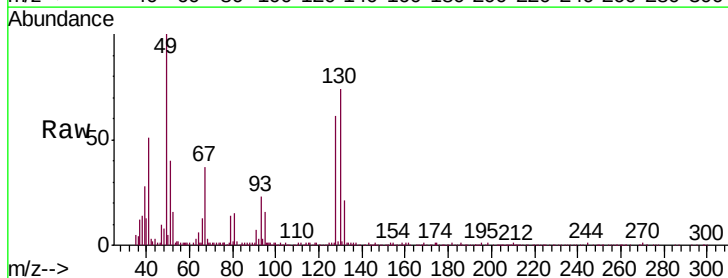
Tgt Ion: 96 Resp: 113243
Ion Ratio Lower Upper
96 100
61 137.8 0.0 286.4
98 64.8 0.0 127.4

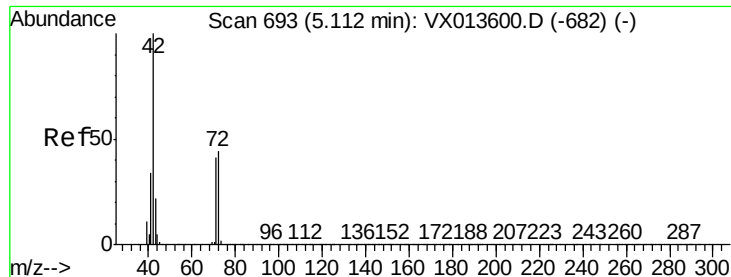


#28

Bromochloromethane
Concen: 23.297 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Tgt Ion: 49 Resp: 81546
Ion Ratio Lower Upper
49 100
129 2.5 0.0 5.0
130 77.8 65.4 98.0





#29

Tetrahydrofuran

Concen: 98.707 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS02

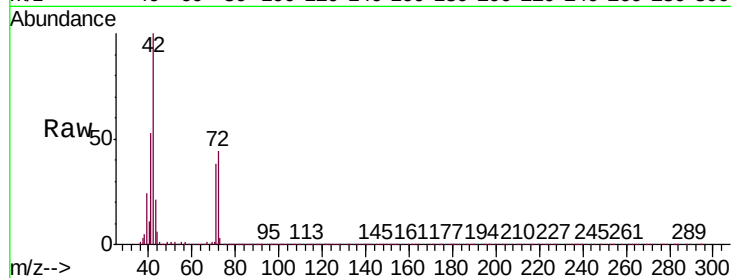
Tgt Ion: 42 Resp: 252447

Ion Ratio Lower Upper

42 100

72 45.2 36.3 54.5

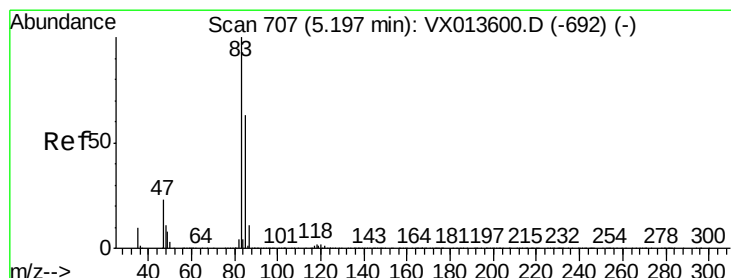
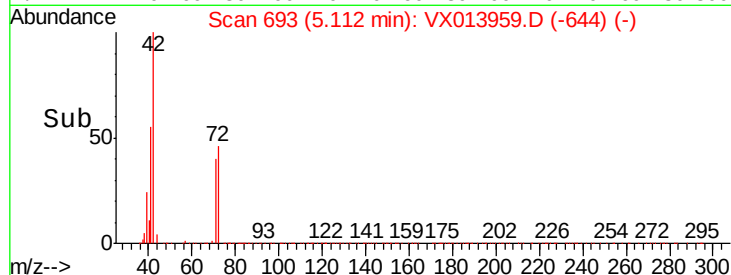
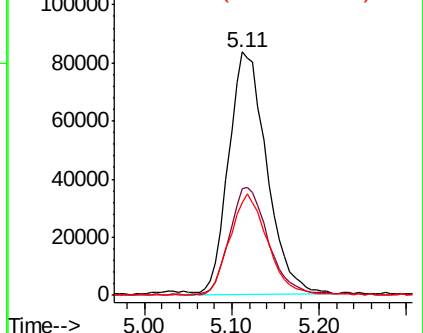
71 40.9 33.2 49.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.378 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX013959.D

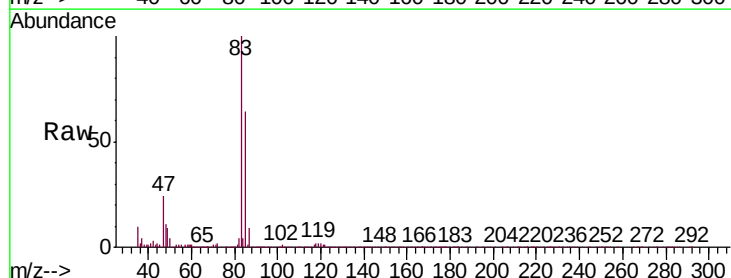
Acq: 11 Dec 2019 22:34

Tgt Ion: 83 Resp: 174020

Ion Ratio Lower Upper

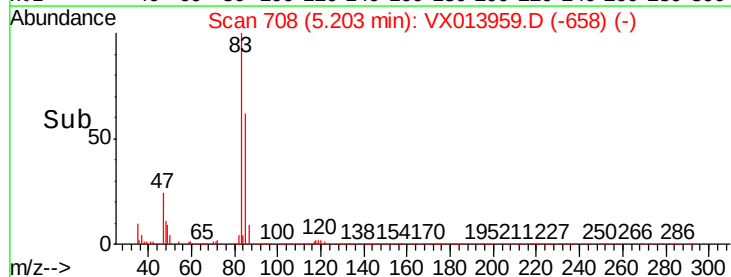
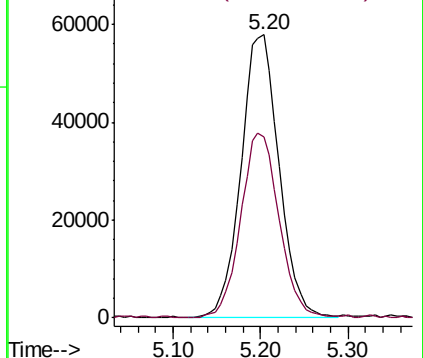
83 100

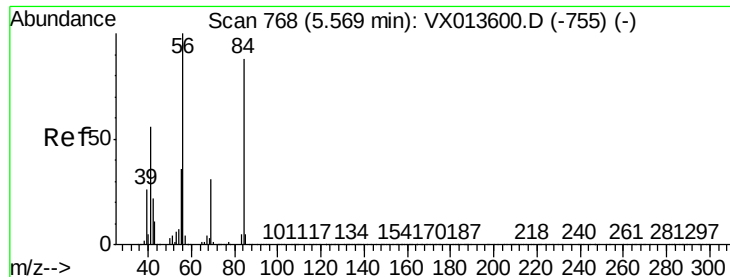
85 63.8 50.2 75.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

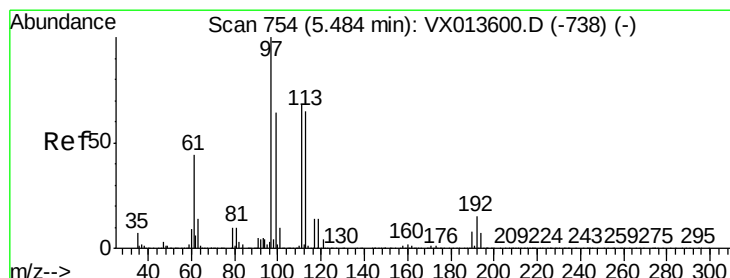
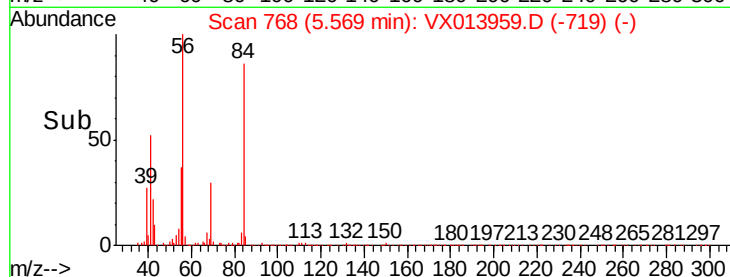
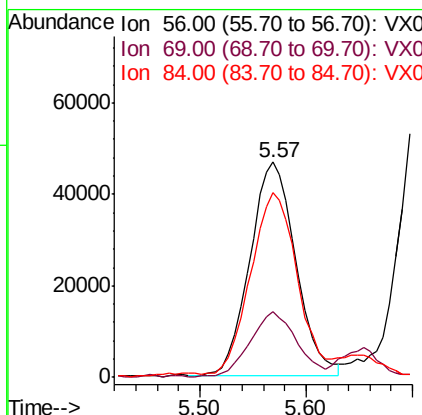
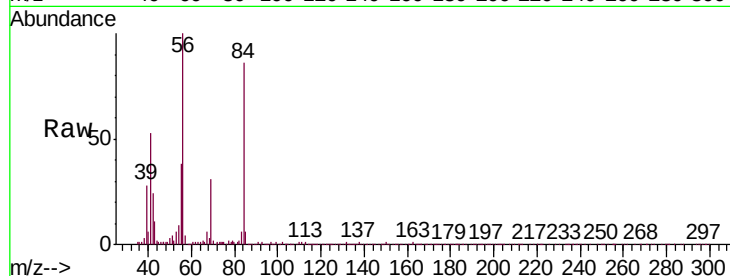




#31
Cyclohexane
Concen: 16.953 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

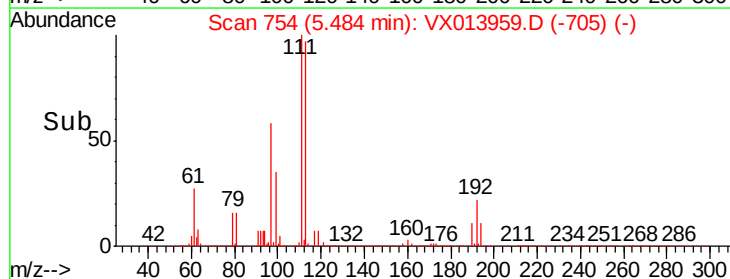
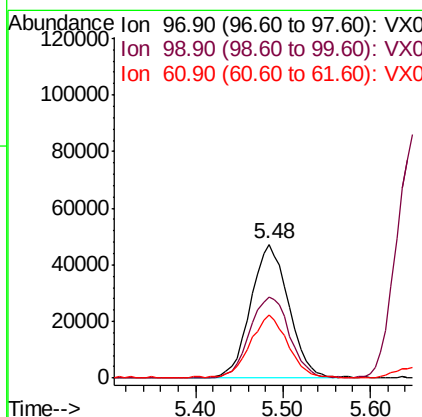
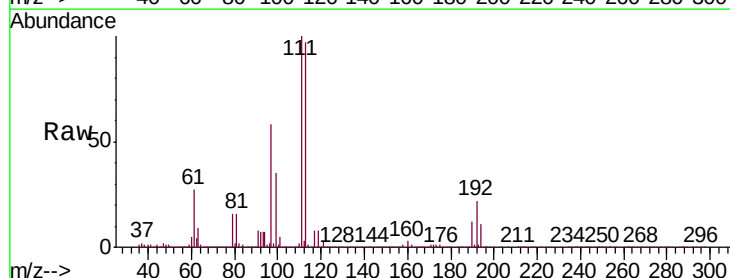
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS02

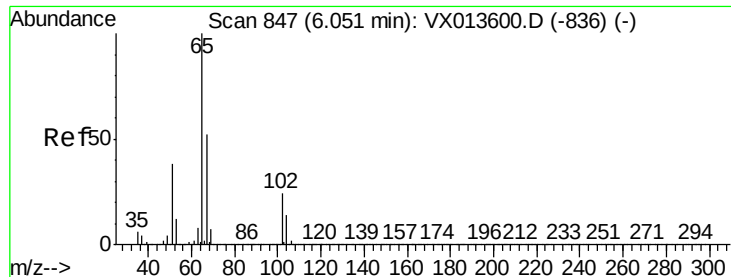
Tgt Ion: 56 Resp: 141595
Ion Ratio Lower Upper
56 100
69 30.3 24.6 36.8
84 84.5 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 18.840 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Tgt Ion: 97 Resp: 141384
Ion Ratio Lower Upper
97 100
99 63.7 51.6 77.4
61 45.7 36.1 54.1

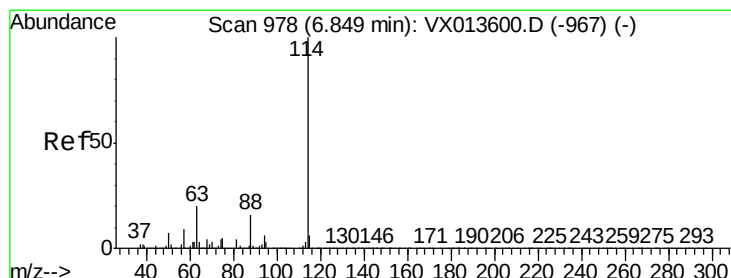
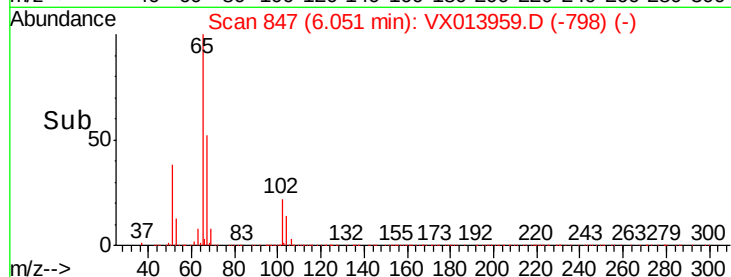
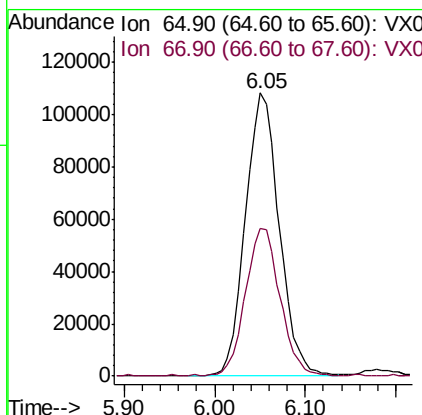
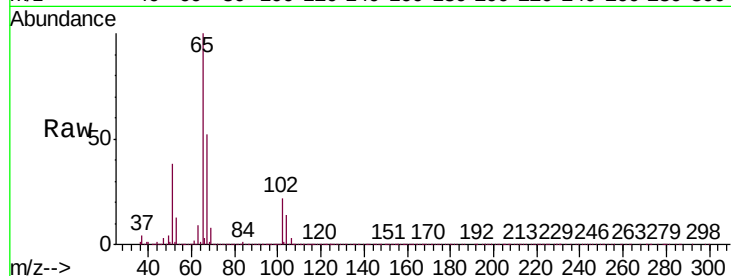




#33
 1,2-Dichloroethane-d4
 Concen: 49.202 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013959.D
 Acq: 11 Dec 2019 22:34

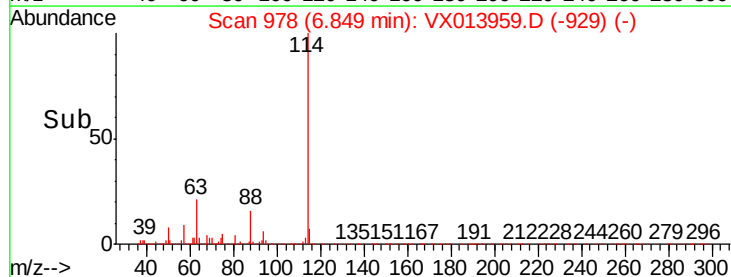
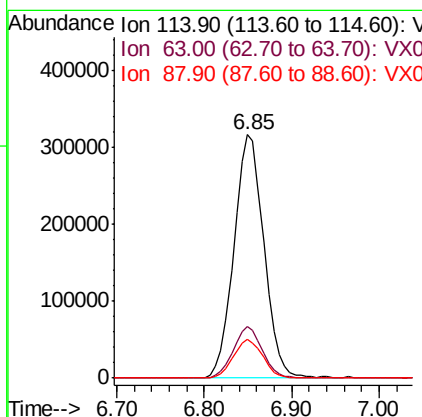
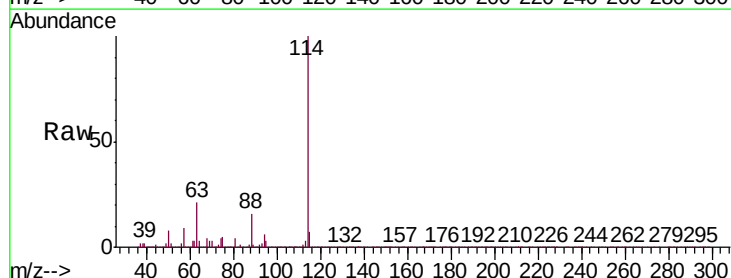
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBS02

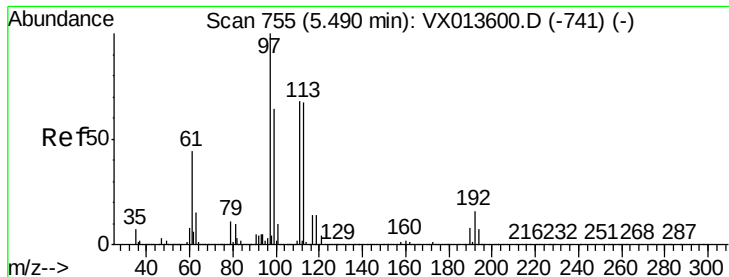
Tgt Ion: 65 Resp: 278192
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013959.D
 Acq: 11 Dec 2019 22:34

Tgt Ion: 114 Resp: 754555
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 39.6
 88 16.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.276 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS02

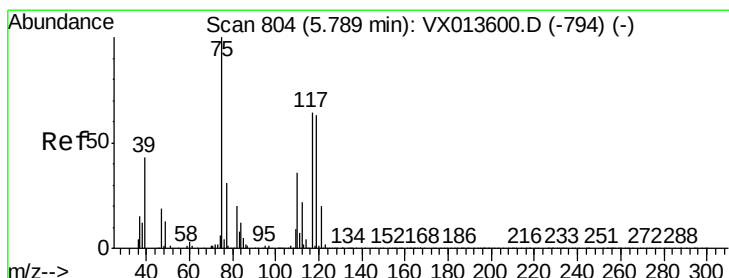
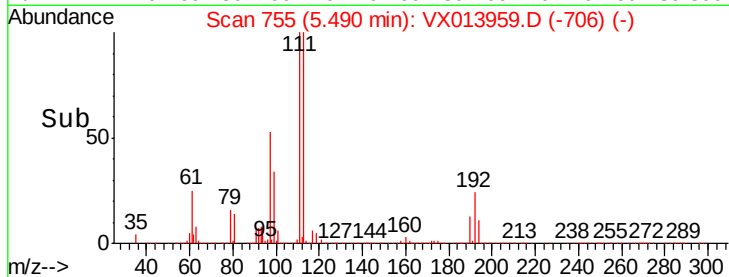
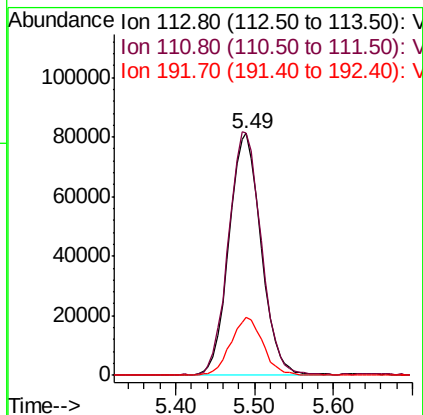
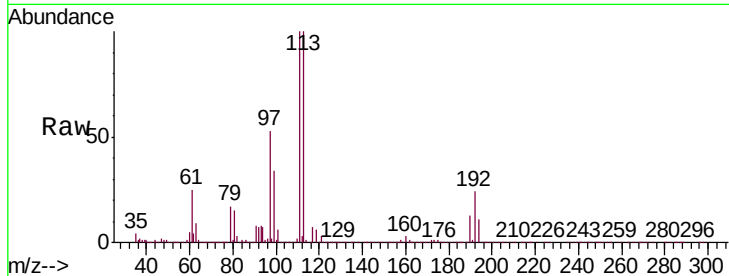
Tgt Ion:113 Resp: 229860

Ion Ratio Lower Upper

113 100

111 102.7 83.6 125.4

192 23.6 19.2 28.8



#36

1,1-Dichloropropene

Concen: 17.728 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

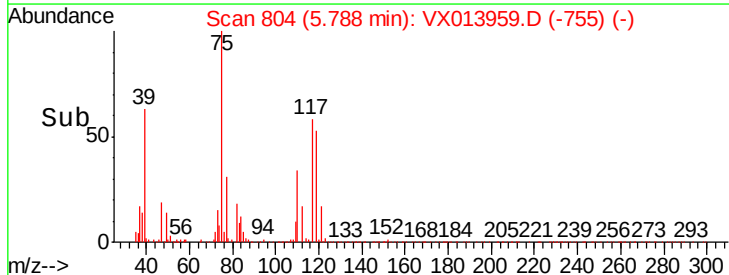
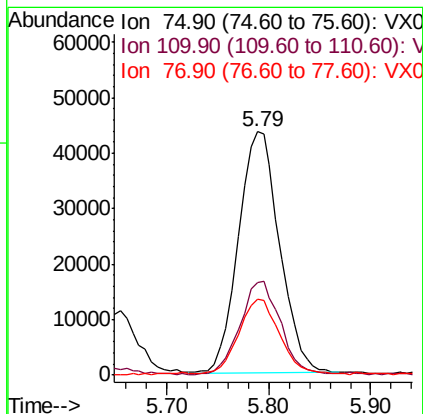
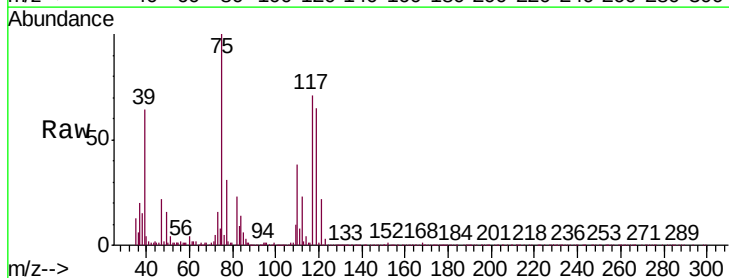
Tgt Ion: 75 Resp: 121425

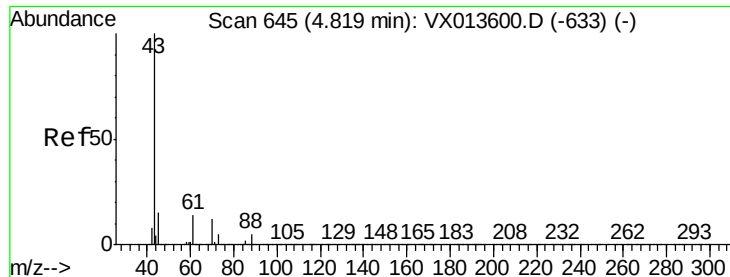
Ion Ratio Lower Upper

75 100

110 37.7 18.1 54.1

77 31.2 24.5 36.7

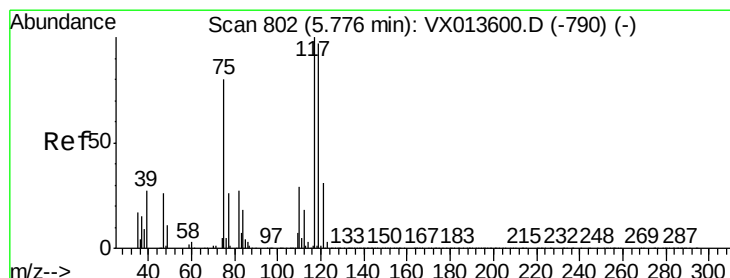
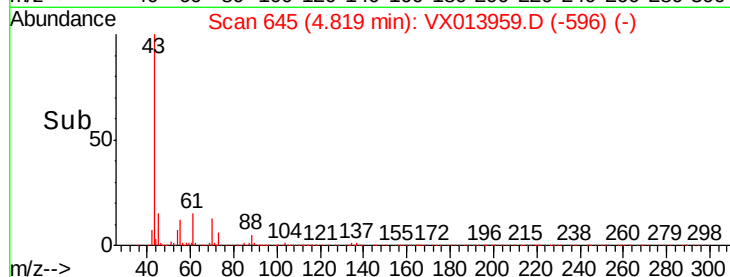
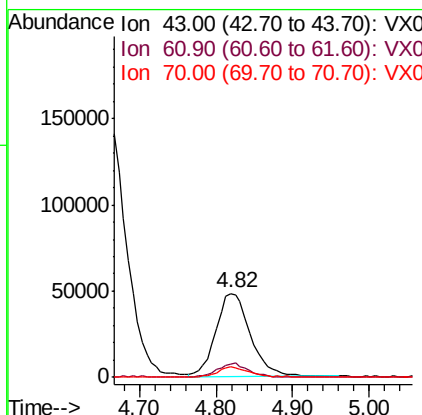
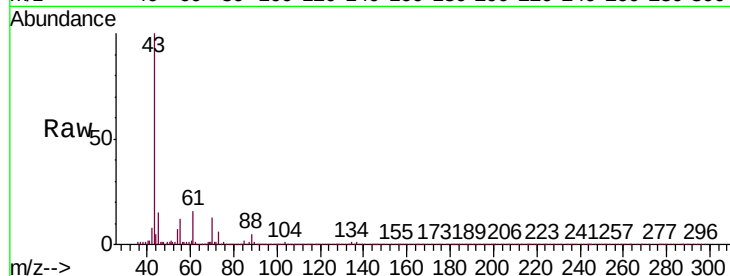




#37
Ethyl Acetate
Concen: 19.323 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

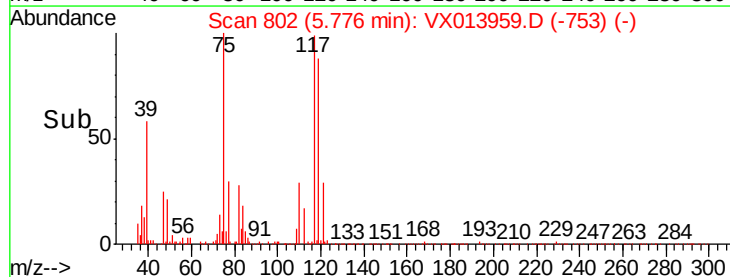
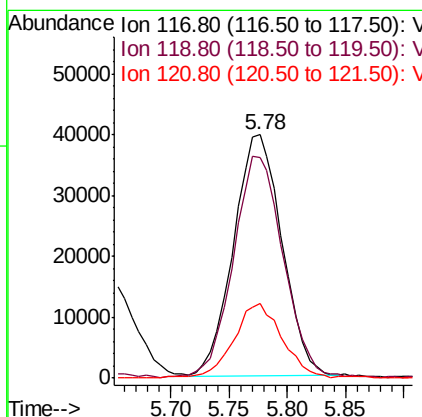
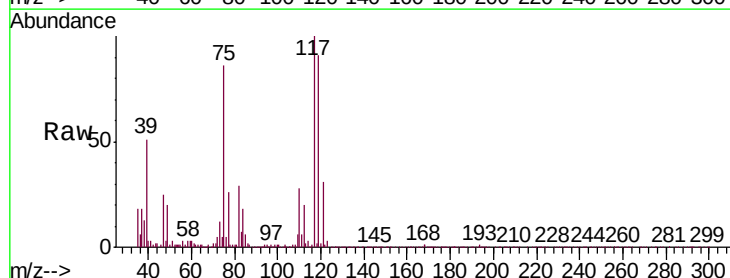
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS02

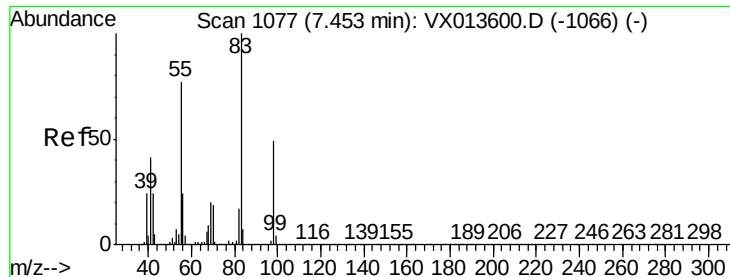
Tgt Ion:	43	Resp:	148477
Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.0	16.4
70	11.0	8.6	12.8



#38
Carbon Tetrachloride
Concen: 18.156 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Tgt Ion:	117	Resp:	114671
Ion	Ratio	Lower	Upper
117	100		
119	90.6	77.5	116.3
121	30.6	25.0	37.6

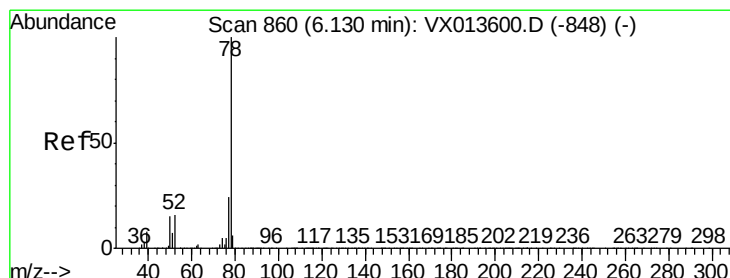
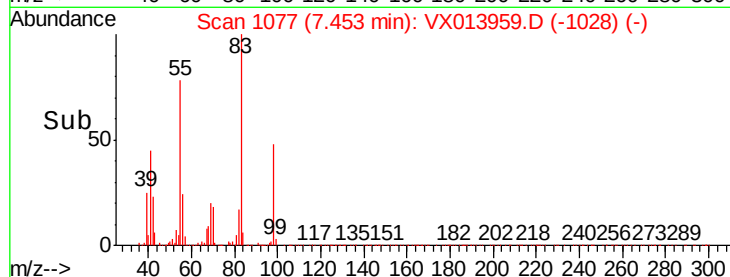
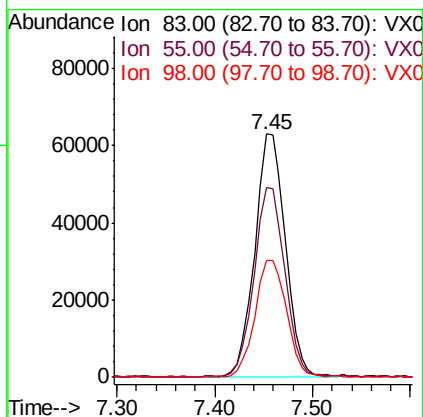
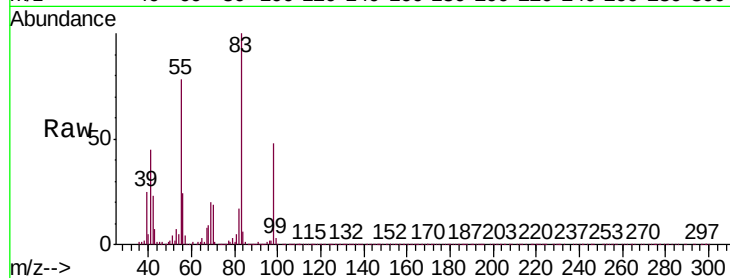




#39
Methylcyclohexane
Concen: 16.082 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

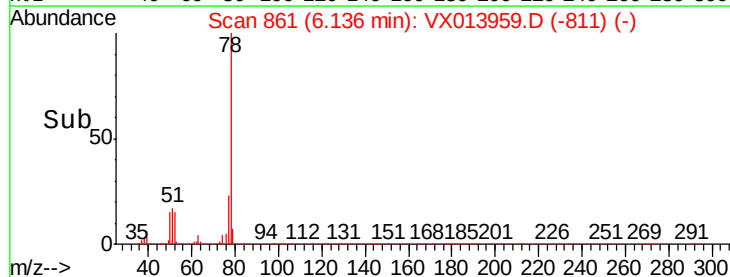
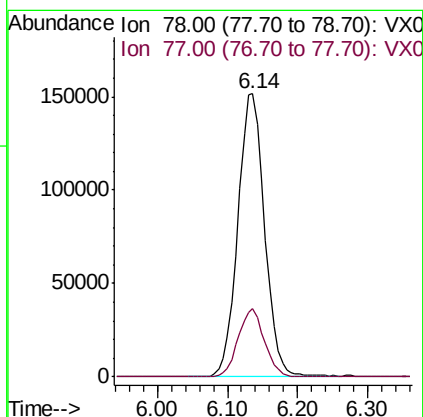
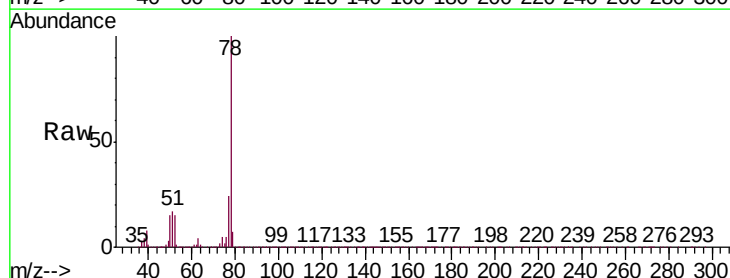
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS02

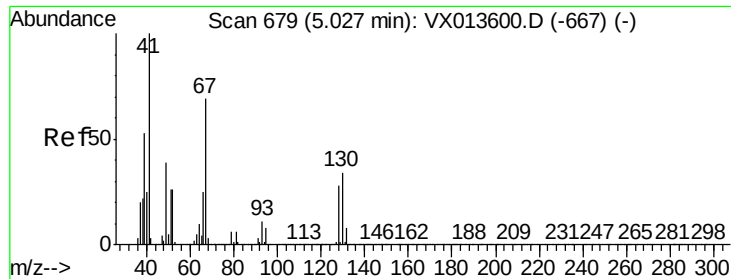
Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.9	61.9	92.9
98	48.0	39.4	59.0



#40
Benzene
Concen: 19.322 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.4

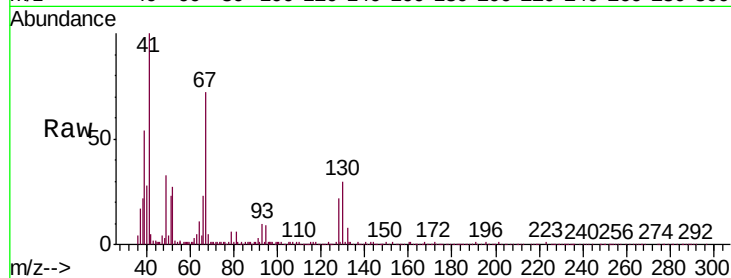




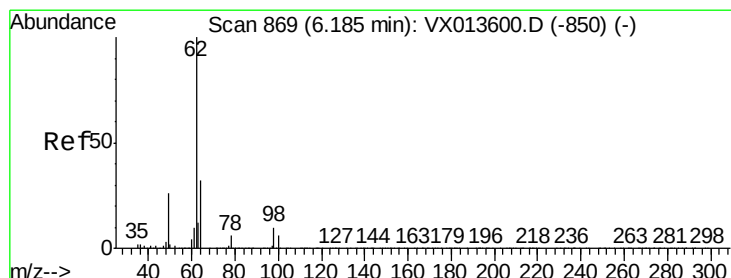
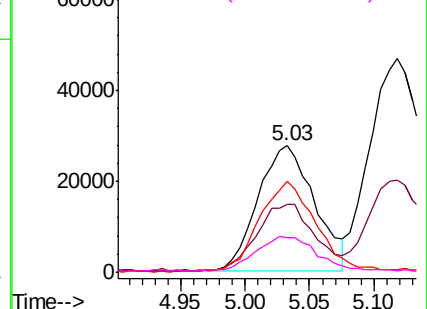
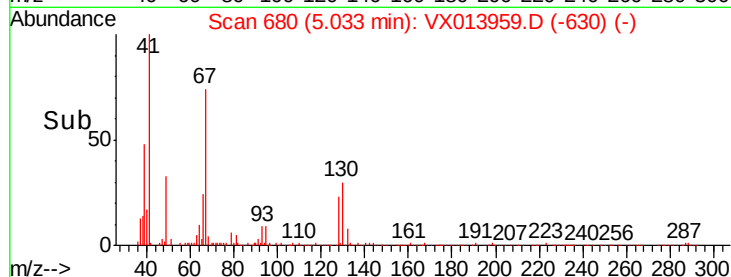
#41
Methacrylonitrile
Concen: 20.177 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS02

Tgt Ion:	41	Resp:	85028
Ion	Ratio	Lower	Upper
41	100		
39	53.7	42.9	64.3
67	70.7	57.4	86.0
52	30.4	22.4	33.6

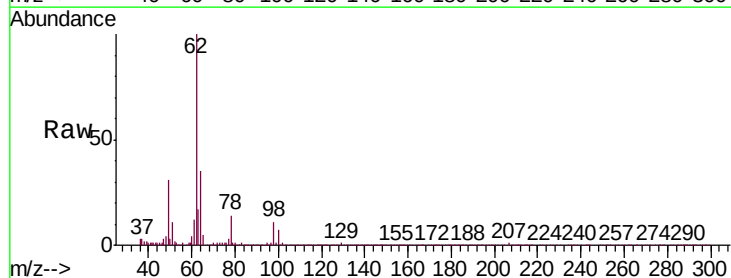


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

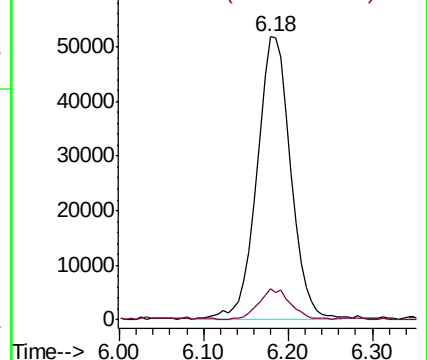
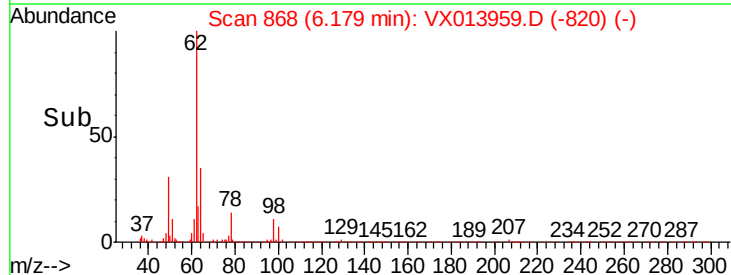


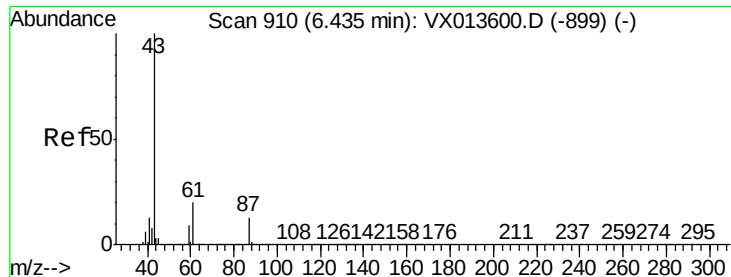
#42
1,2-Dichloroethane
Concen: 19.801 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Tgt Ion:	62	Resp:	140875
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.180 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS02

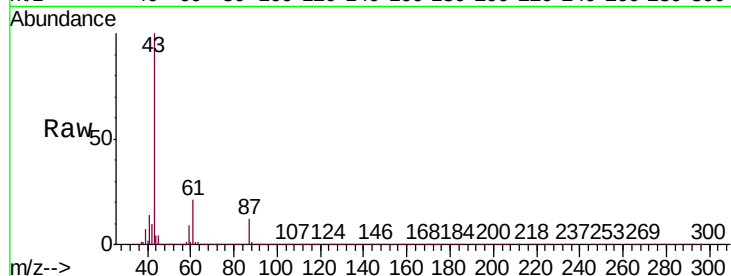
Tgt Ion: 43 Resp: 242630

Ion Ratio Lower Upper

43 100

61 21.0 16.3 24.5

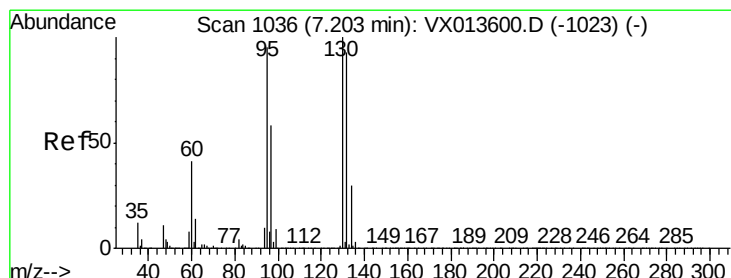
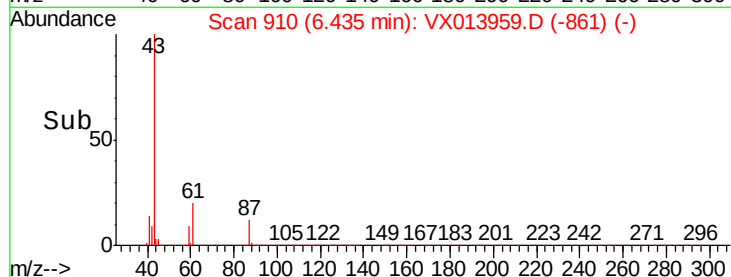
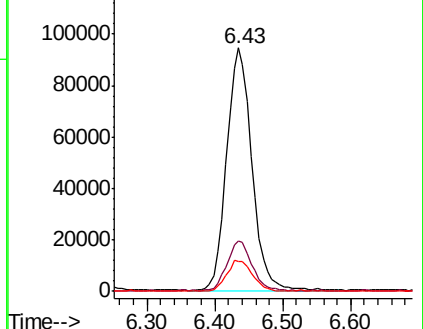
87 13.3 10.8 16.2



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: 18.186 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013959.D

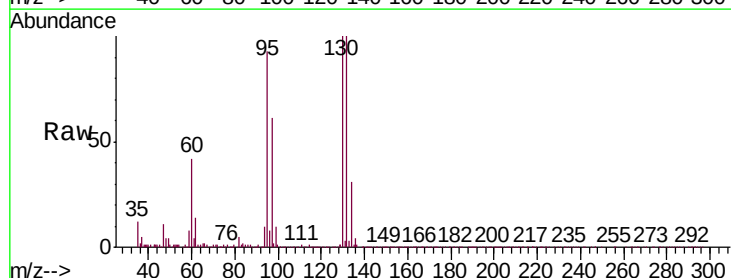
Acq: 11 Dec 2019 22:34

Tgt Ion: 130 Resp: 104123

Ion Ratio Lower Upper

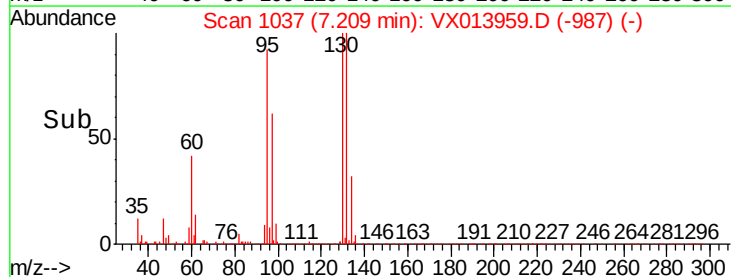
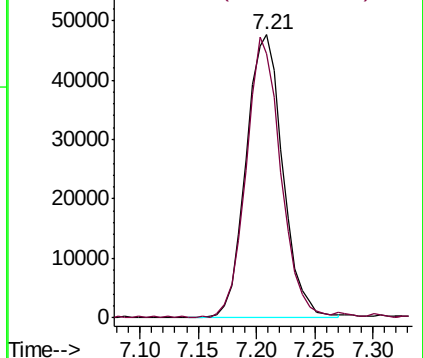
130 100

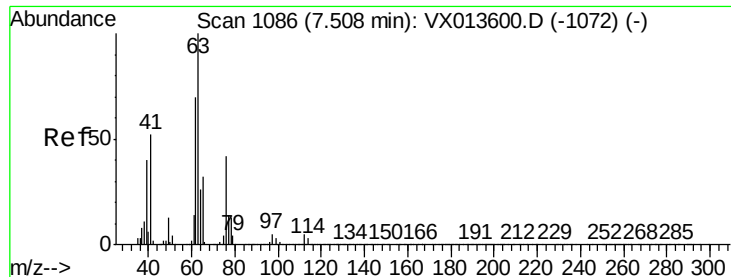
95 93.0 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

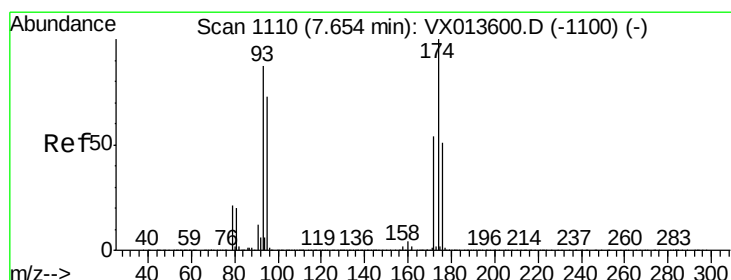
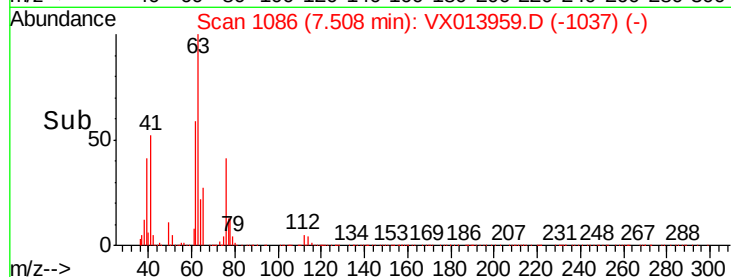
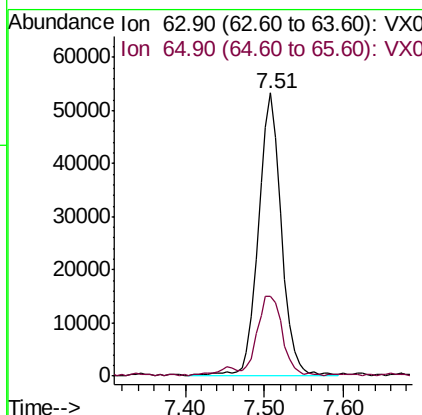
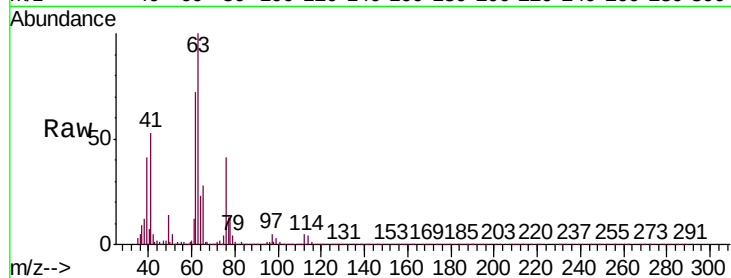




#45
 1,2-Dichloropropane
 Concen: 20.549 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013959.D
 Acq: 11 Dec 2019 22:34

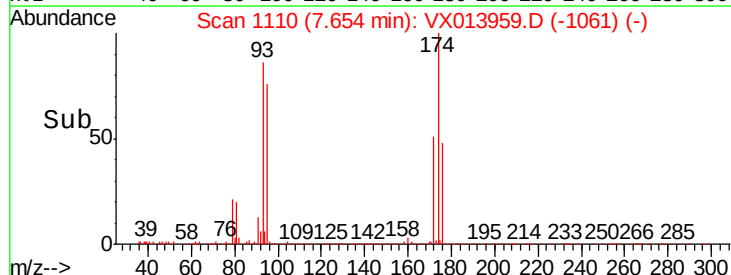
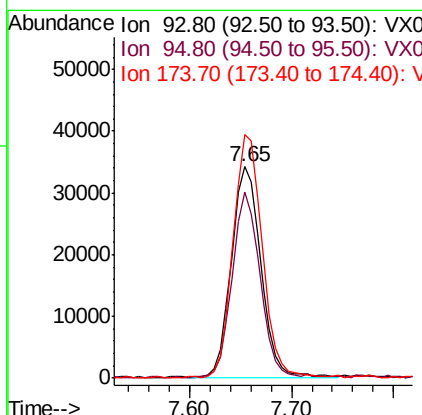
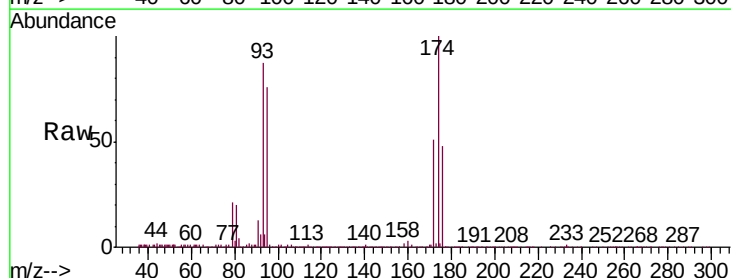
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBS02

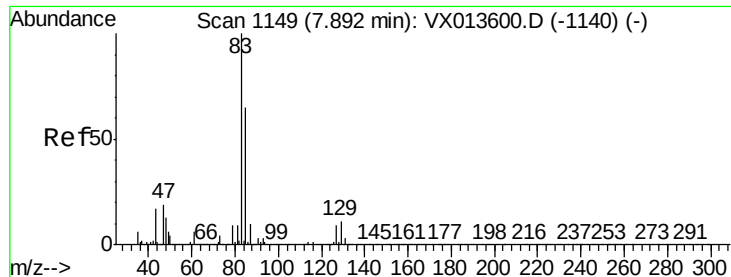
Tgt Ion: 63 Resp: 107254
 Ion Ratio Lower Upper
 63 100
 65 28.1 25.5 38.3



#46
 Dibromomethane
 Concen: 19.129 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013959.D
 Acq: 11 Dec 2019 22:34

Tgt Ion: 93 Resp: 67810
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.2 99.2
 174 114.6 93.4 140.0





#47

Bromodichloromethane

Concen: 18.814 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS02

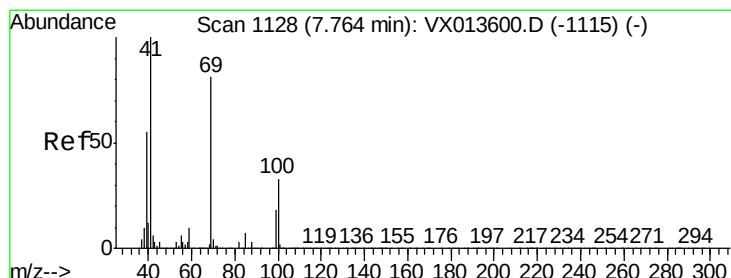
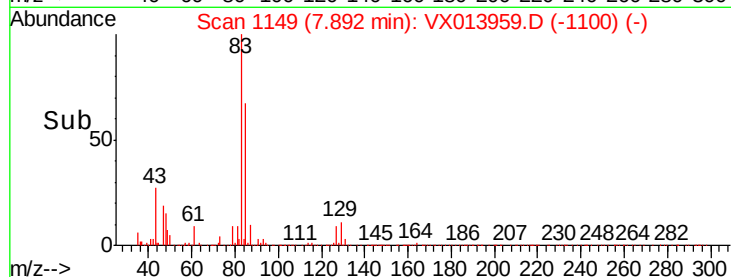
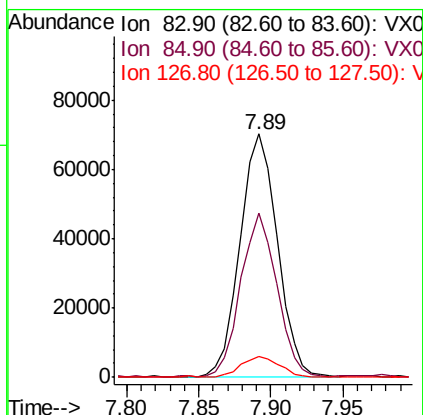
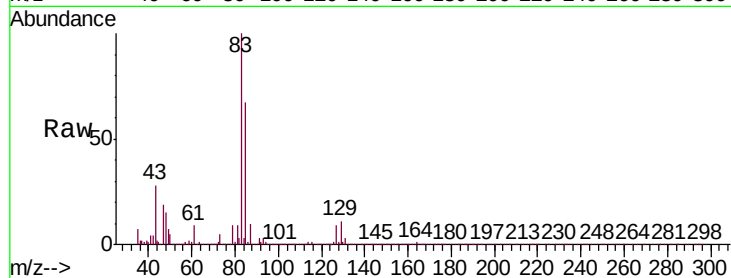
Tgt Ion: 83 Resp: 126079

Ion Ratio Lower Upper

83 100

85 66.9 52.1 78.1

127 8.5 7.0 10.4



#48

Methyl methacrylate

Concen: 19.371 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

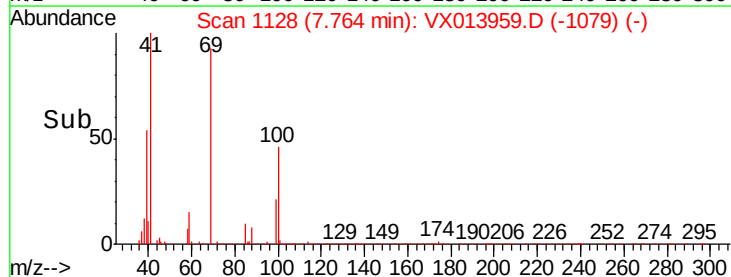
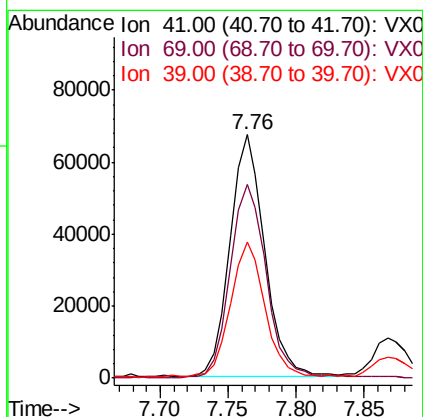
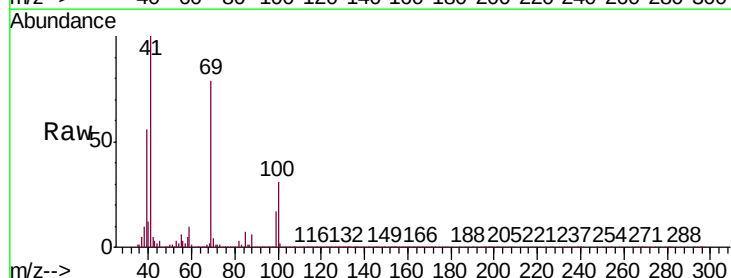
Tgt Ion: 41 Resp: 119063

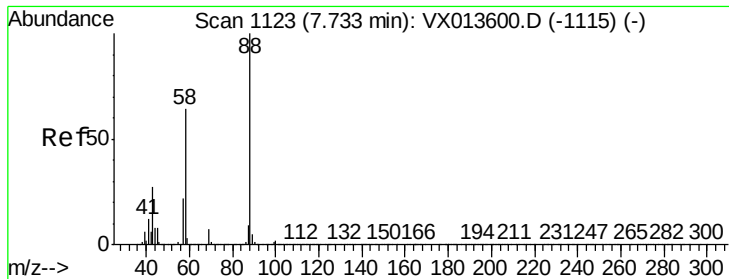
Ion Ratio Lower Upper

41 100

69 83.7 64.7 97.1

39 55.5 43.8 65.6

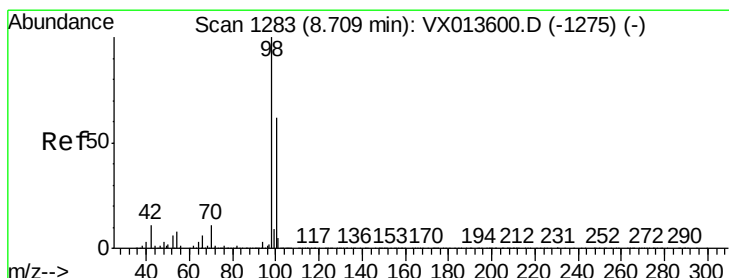
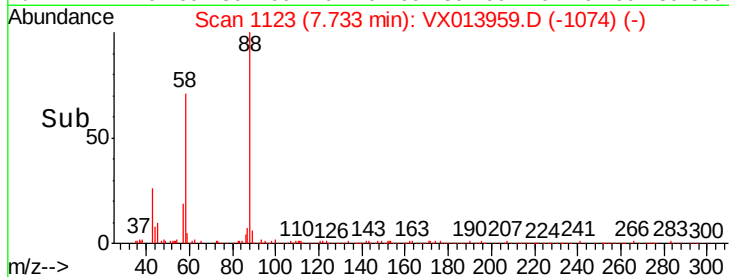
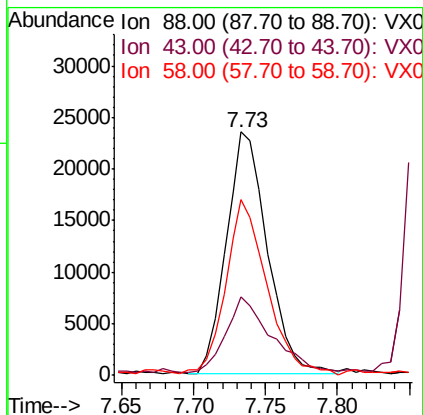
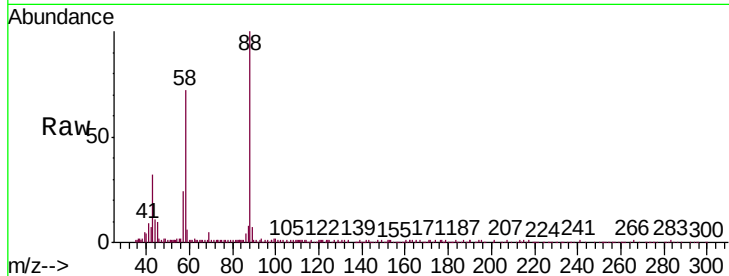




#49
1,4-Dioxane
Concen: 341.038 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

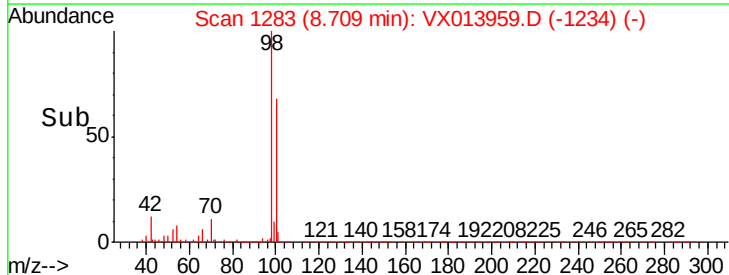
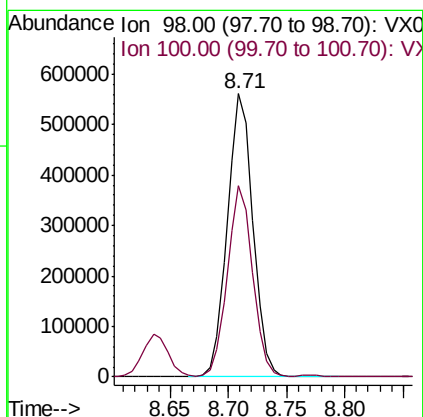
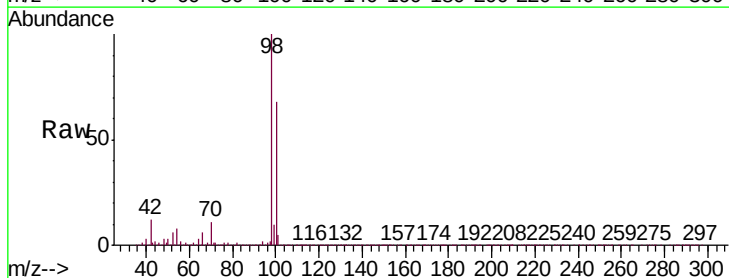
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS02

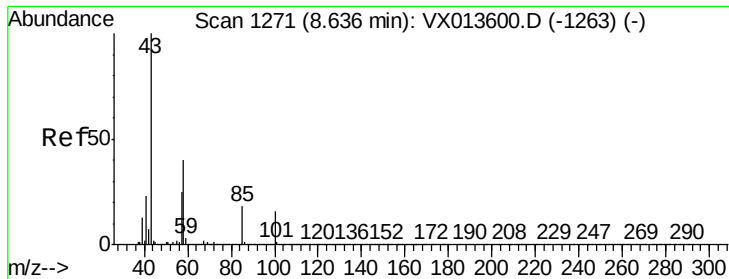
Tgt Ion: 88 Resp: 46921
Ion Ratio Lower Upper
88 100
43 33.6 25.8 38.6
58 72.7 54.6 82.0



#50
Toluene-d8
Concen: 47.160 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Tgt Ion: 98 Resp: 857100
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 100.903 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

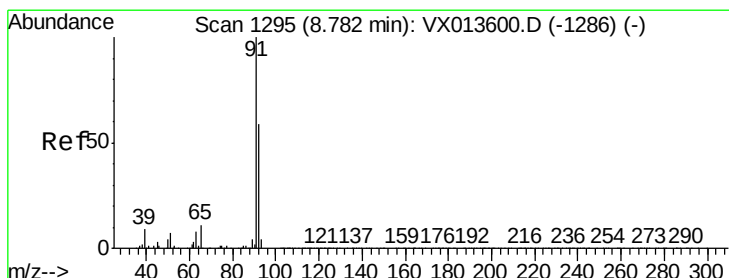
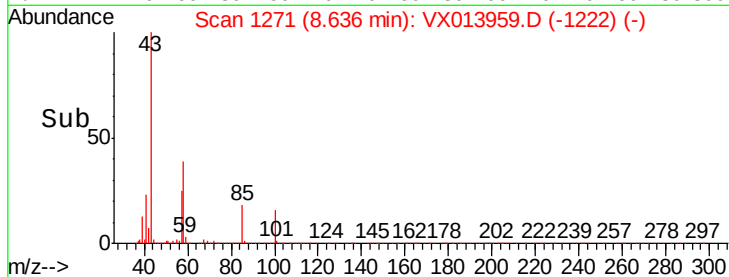
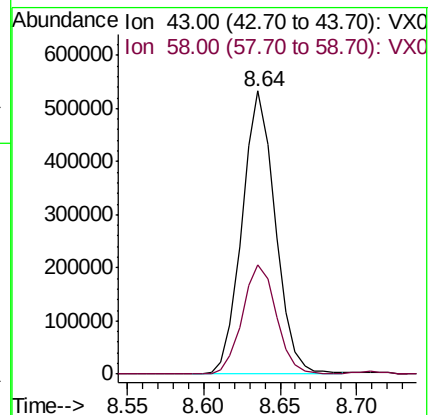
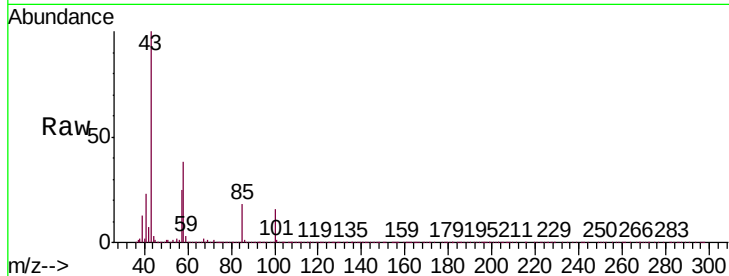
VX1211WBS02

Tgt Ion: 43 Resp: 802921

Ion Ratio Lower Upper

43 100

58 39.5 32.1 48.1



#52

Toluene

Concen: 19.365 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013959.D

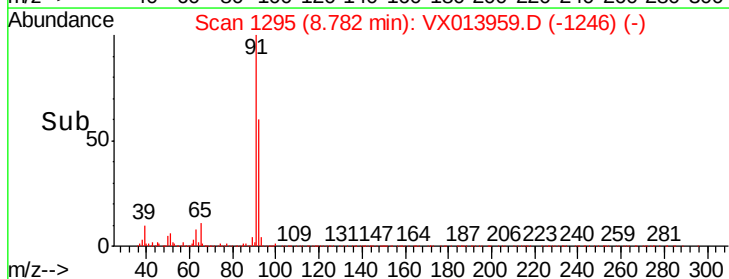
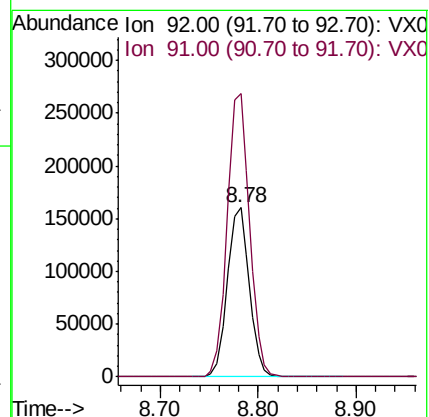
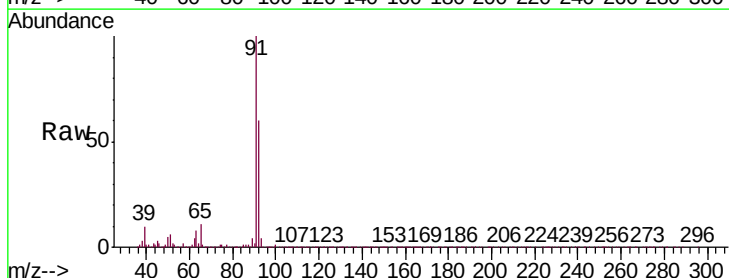
Acq: 11 Dec 2019 22:34

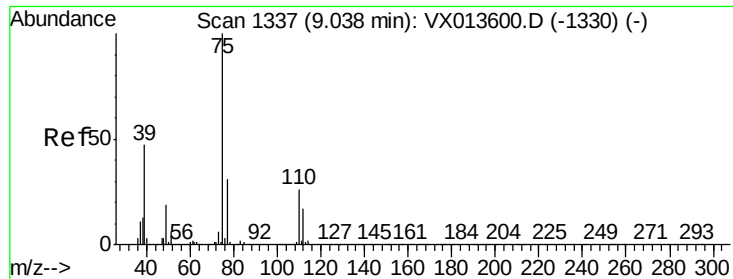
Tgt Ion: 92 Resp: 250972

Ion Ratio Lower Upper

92 100

91 169.6 136.2 204.2

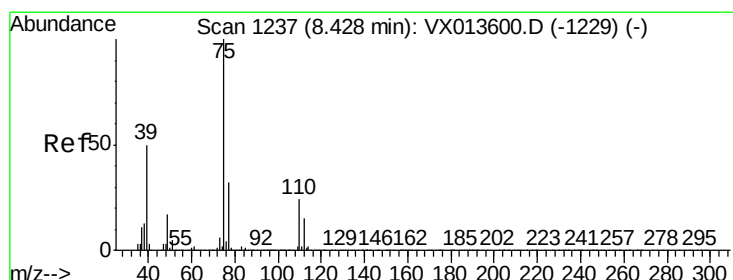
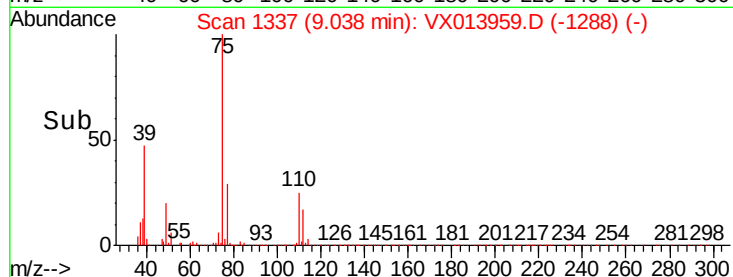
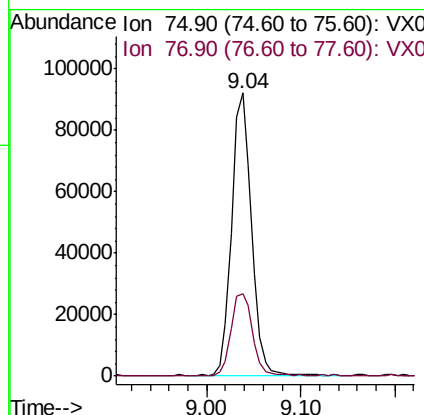
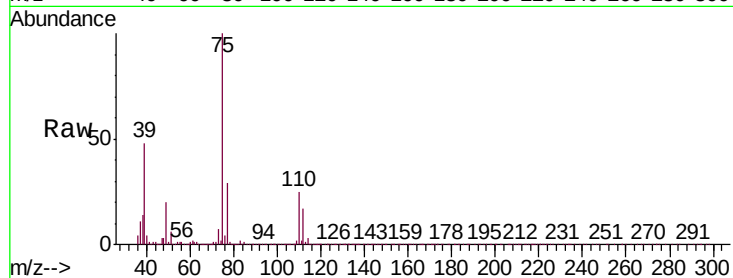




#53
 t-1,3-Dichloropropene
 Concen: 17.861 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VX013959.D
 Acq: 11 Dec 2019 22:34

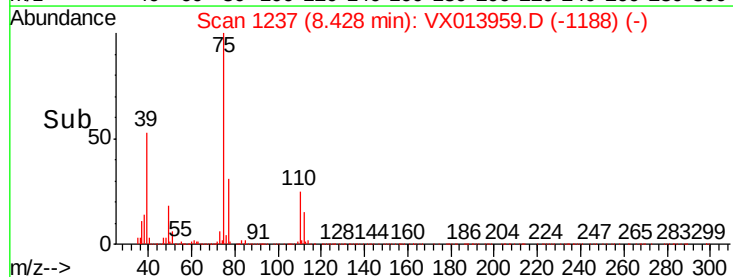
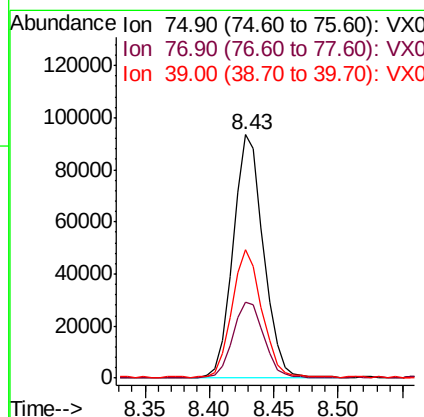
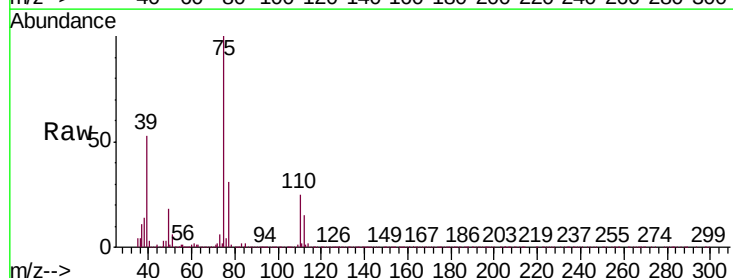
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBS02

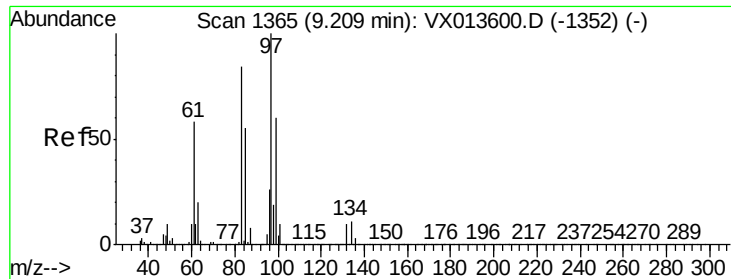
Tgt Ion: 75 Resp: 136243
 Ion Ratio Lower Upper
 75 100
 77 29.1 24.4 36.6



#54
 cis-1,3-Dichloropropene
 Concen: 18.364 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX013959.D
 Acq: 11 Dec 2019 22:34

Tgt Ion: 75 Resp: 153038
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.8 38.6
 39 52.7 39.9 59.9

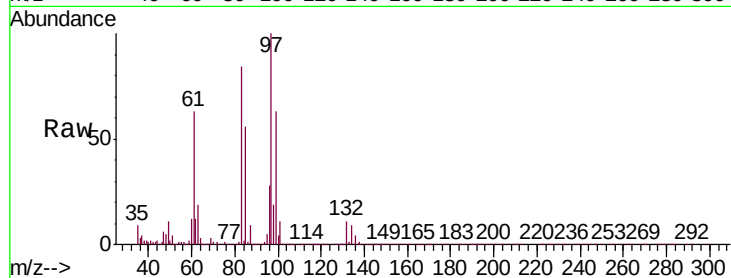




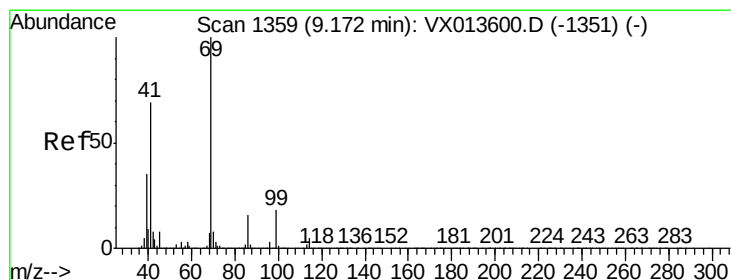
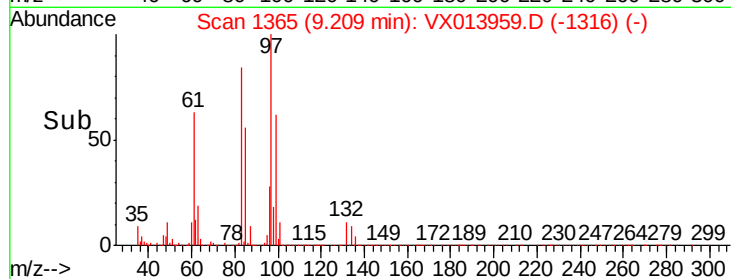
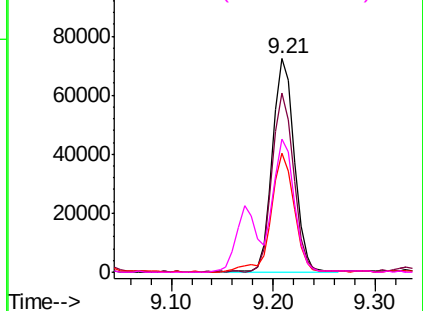
#55
 1,1,2-Trichloroethane
 Concen: 20.501 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013959.D
 Acq: 11 Dec 2019 22:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBS02

Tgt Ion:	97	Resp:	107069
Ion	Ratio	Lower	Upper
97	100		
83	83.7	67.3	100.9
85	56.0	43.6	65.4
99	62.3	48.2	72.4

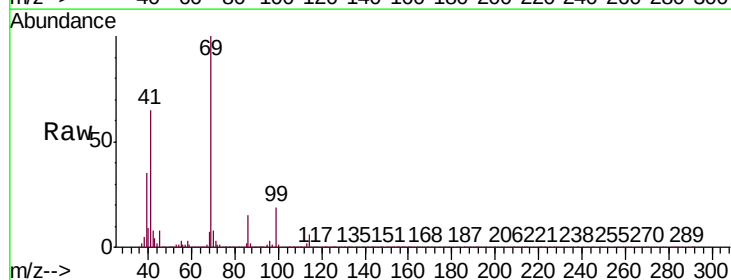


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

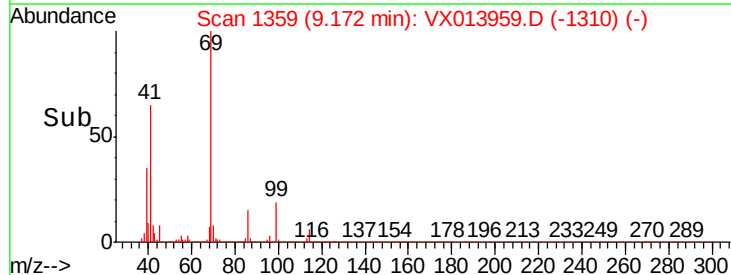
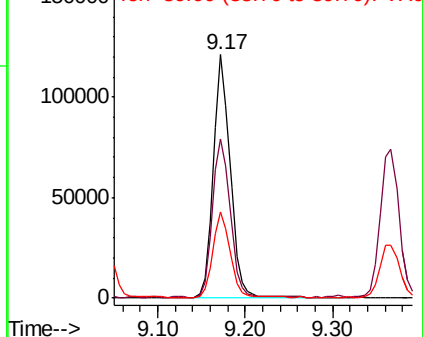


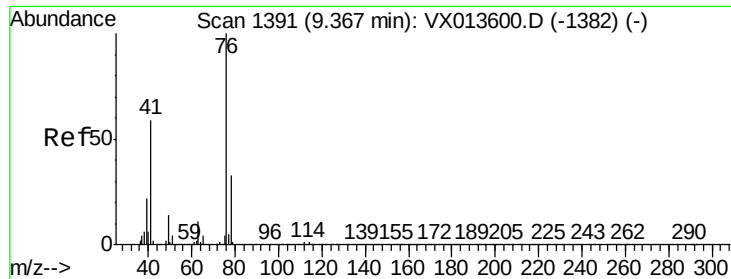
#56
 Ethyl methacrylate
 Concen: 19.563 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013959.D
 Acq: 11 Dec 2019 22:34

Tgt Ion:	69	Resp:	164259
Ion	Ratio	Lower	Upper
69	100		
41	67.3	55.0	82.4
39	35.7	28.7	43.1



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

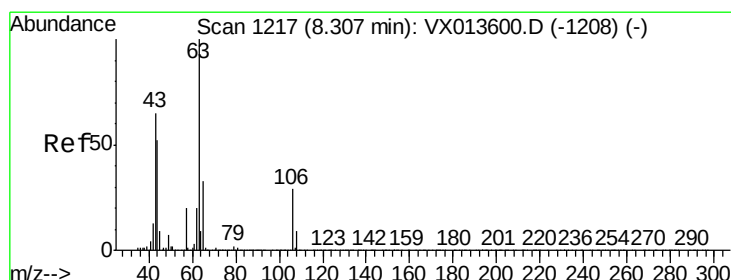
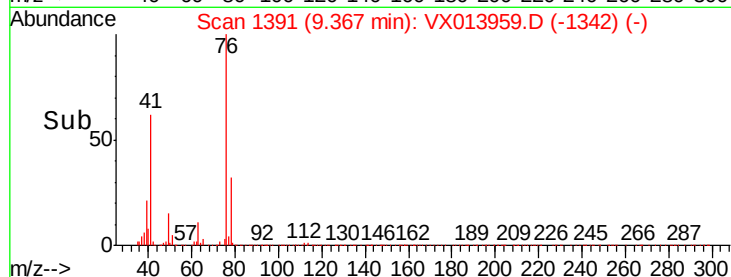
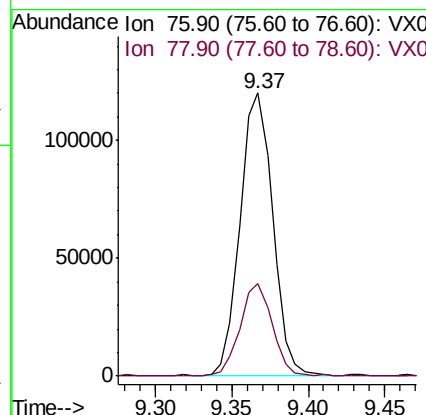
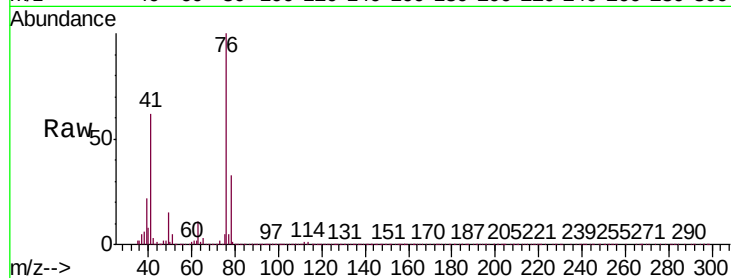




#57
 1,3-Dichloropropane
 Concen: 19.757 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX013959.D
 Acq: 11 Dec 2019 22:34

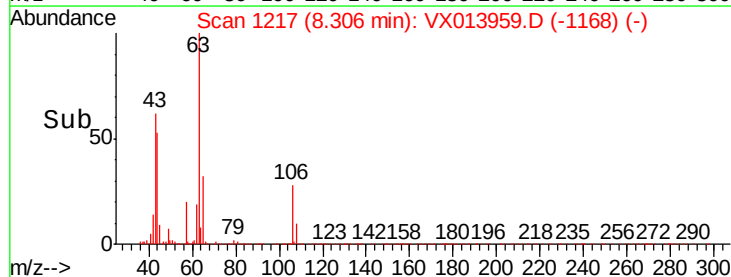
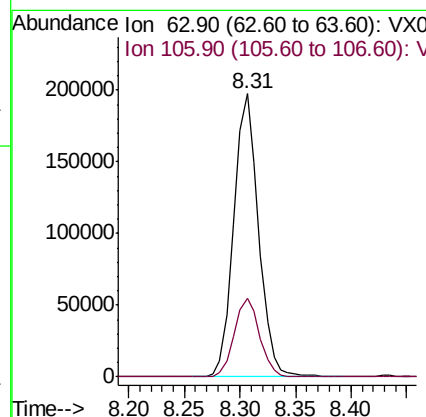
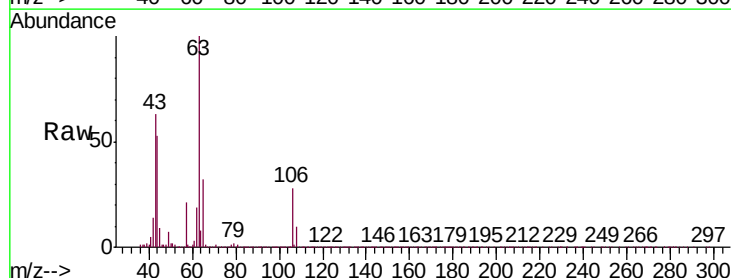
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBS02

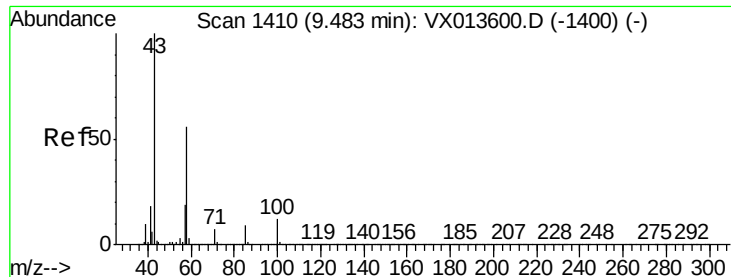
Tgt Ion: 76 Resp: 177856
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.106 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX013959.D
 Acq: 11 Dec 2019 22:34

Tgt Ion: 63 Resp: 303220
 Ion Ratio Lower Upper
 63 100
 106 28.3 23.4 35.0

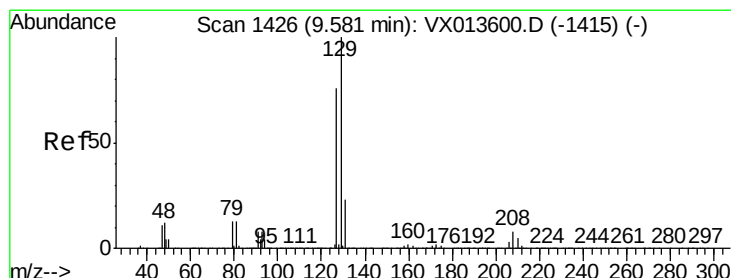
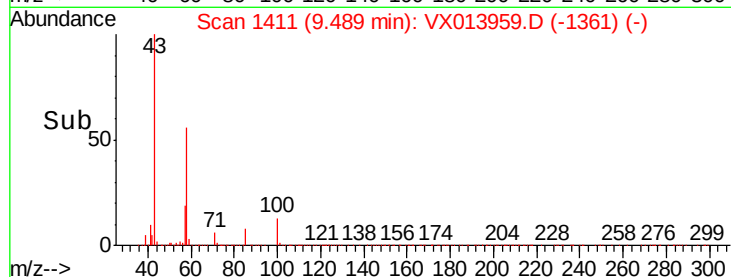
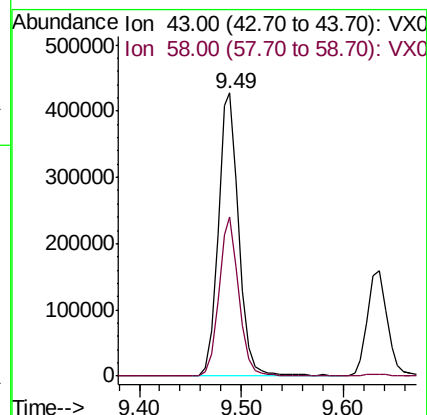
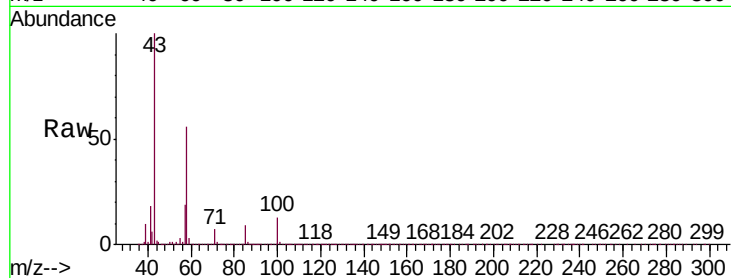




#59
2-Hexanone
Concen: 96.298 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

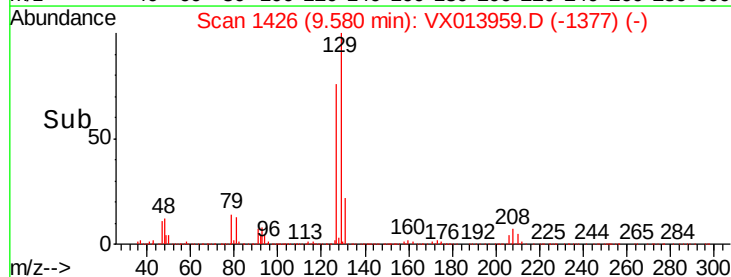
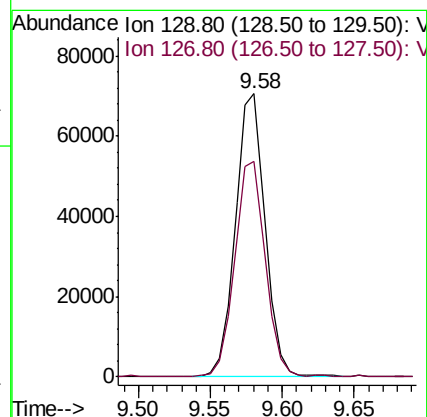
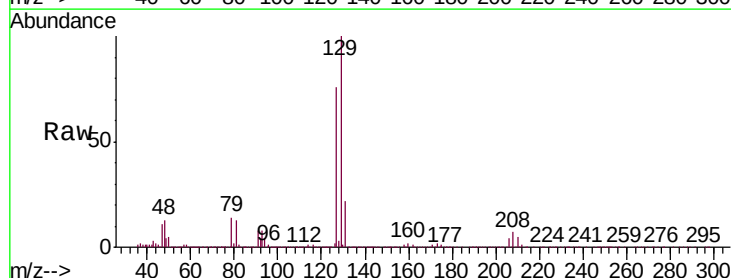
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS02

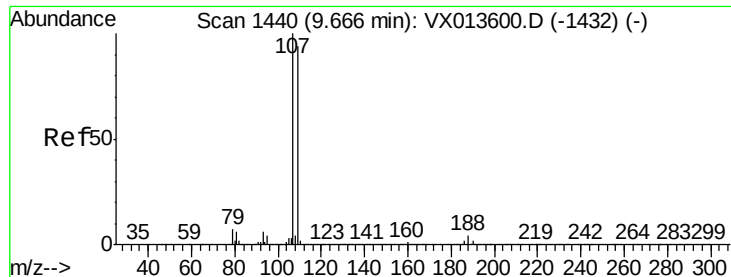
Tgt Ion: 43 Resp: 597644
Ion Ratio Lower Upper
43 100
58 55.1 28.1 84.4



#60
Dibromochloromethane
Concen: 18.780 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Tgt Ion: 129 Resp: 101784
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.340 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

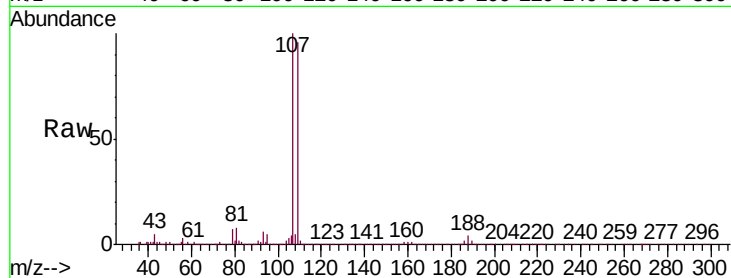
VX1211WBS02

Tgt Ion: 107 Resp: 107878

Ion Ratio Lower Upper

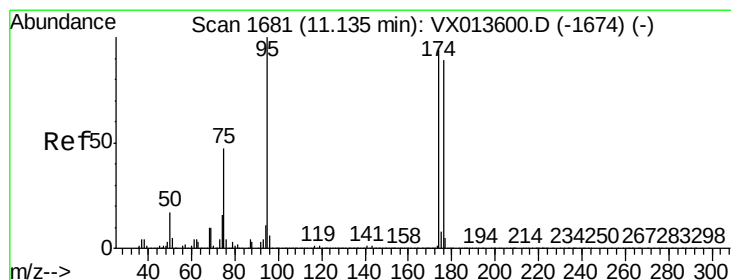
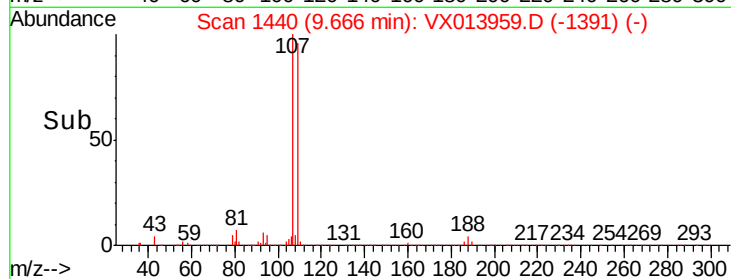
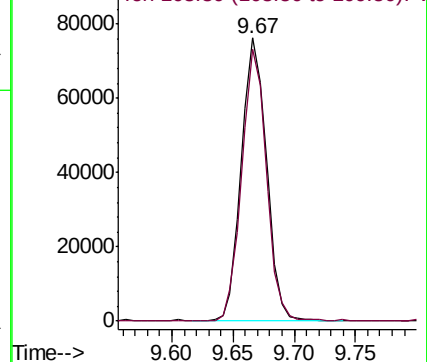
107 100

109 94.8 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.790 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

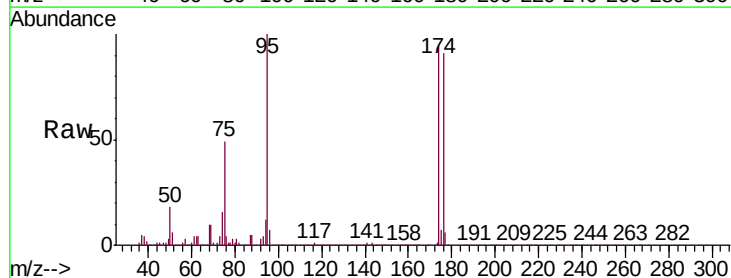
Tgt Ion: 95 Resp: 313206

Ion Ratio Lower Upper

95 100

174 88.0 0.0 180.0

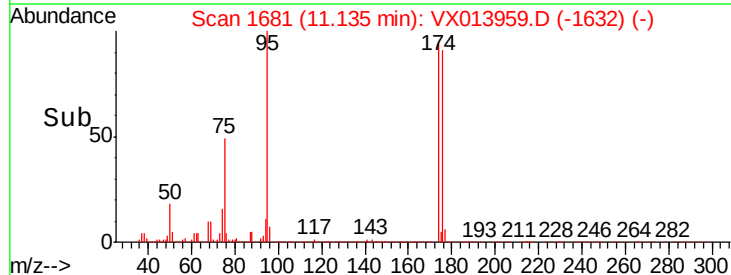
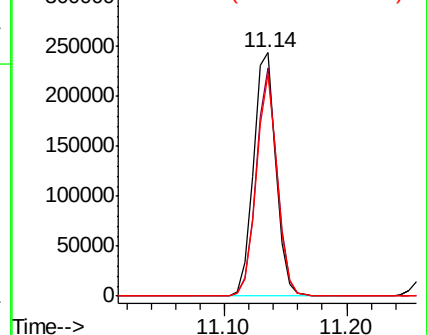
176 85.4 0.0 173.6

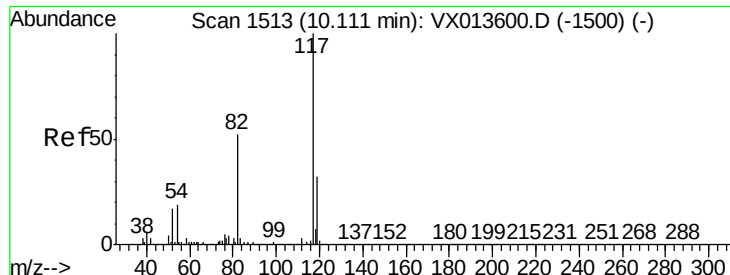


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

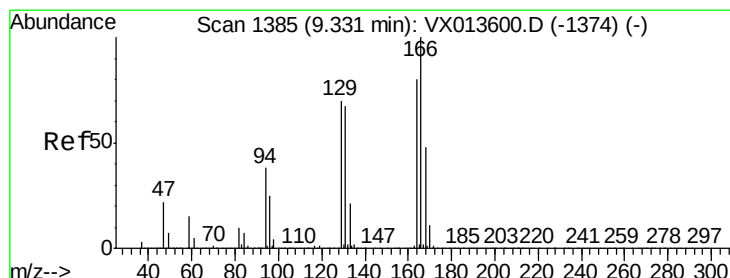
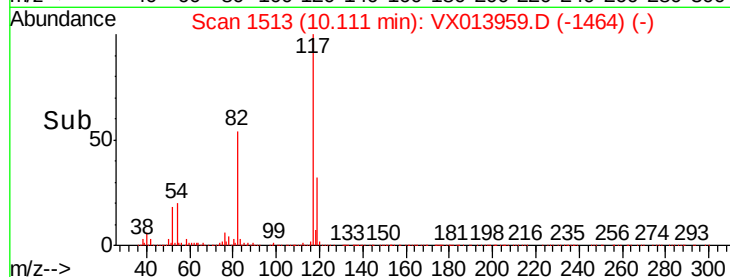
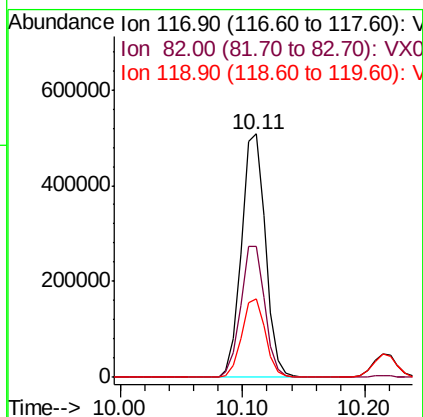
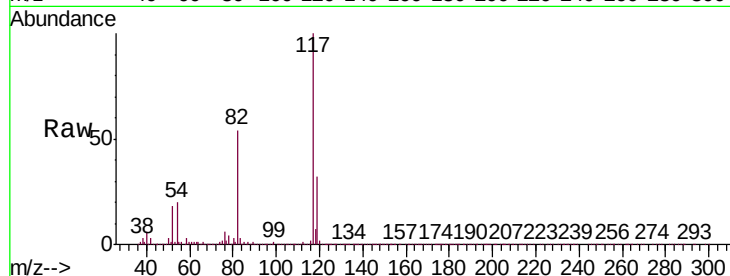




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

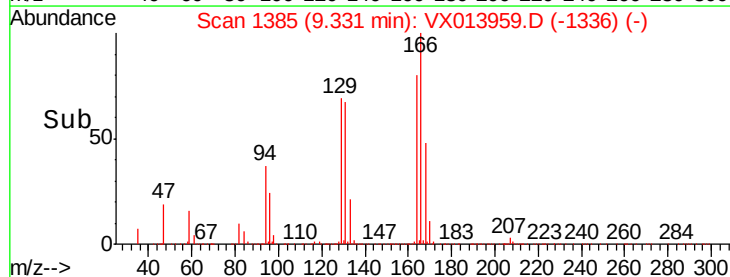
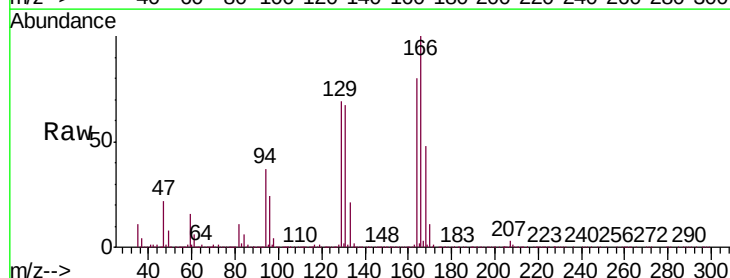
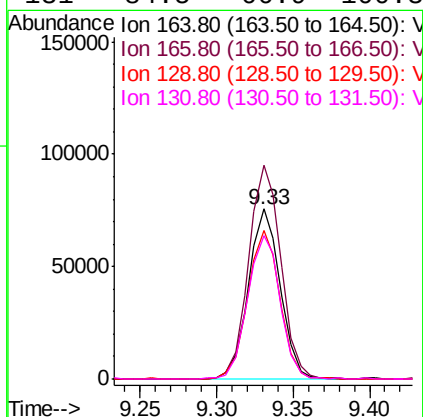
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS02

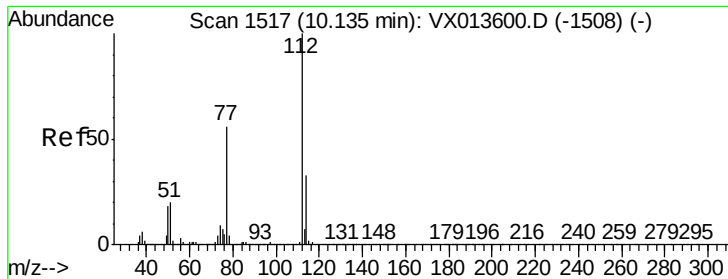
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.6	41.8	62.8
119	32.3	25.8	38.8



#64
Tetrachloroethene
Concen: 21.314 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.4	99.7	149.5
129	87.0	70.1	105.1
131	84.5	66.9	100.3

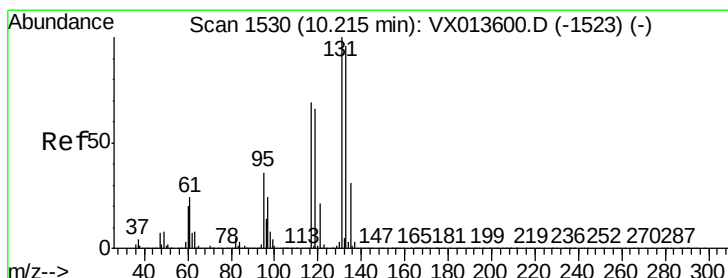
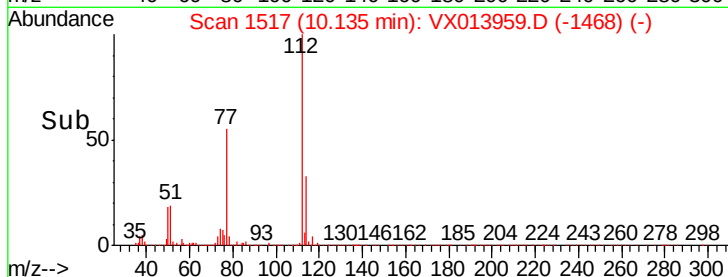
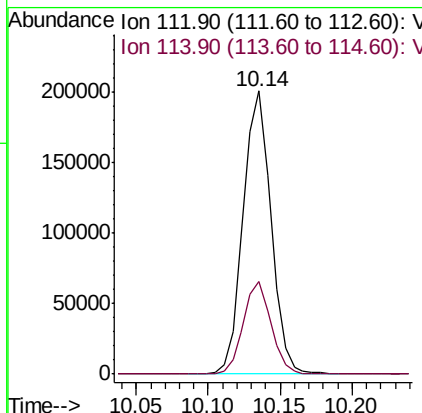
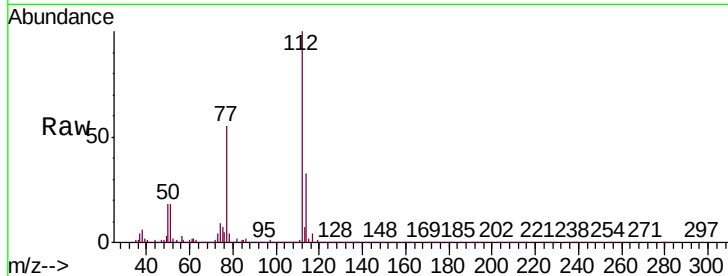




#65
Chlorobenzene
Concen: 18.879 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

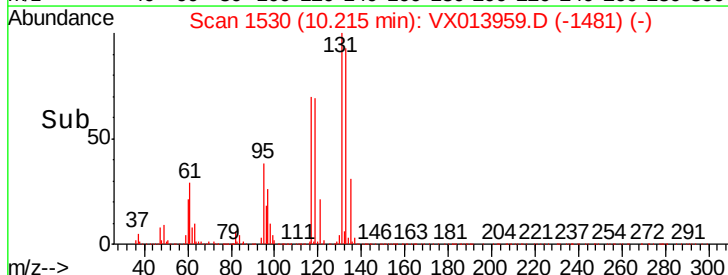
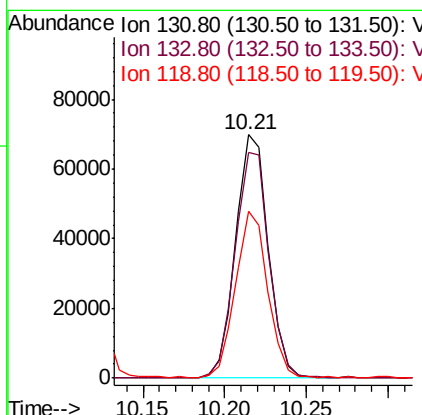
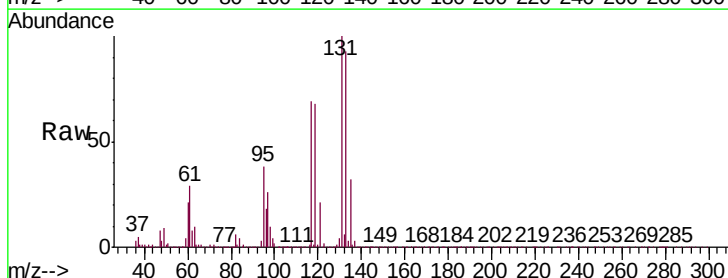
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS02

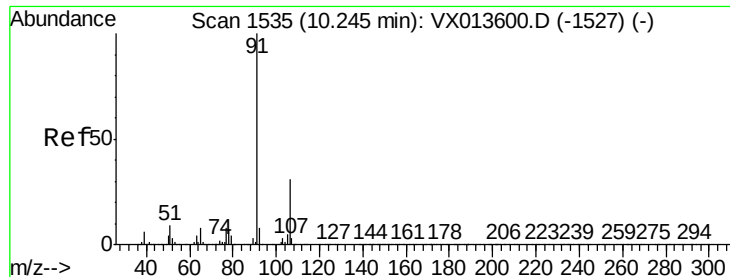
Tgt Ion:112 Resp: 269509
Ion Ratio Lower Upper
112 100
114 32.5 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.045 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Tgt Ion:131 Resp: 97633
Ion Ratio Lower Upper
131 100
133 96.0 47.7 143.1
119 66.7 32.9 98.6





#67

Ethyl Benzene

Concen: 18.845 ug/l

RT: 10.25 min Scan# 1536

Delta R.T. 0.01 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

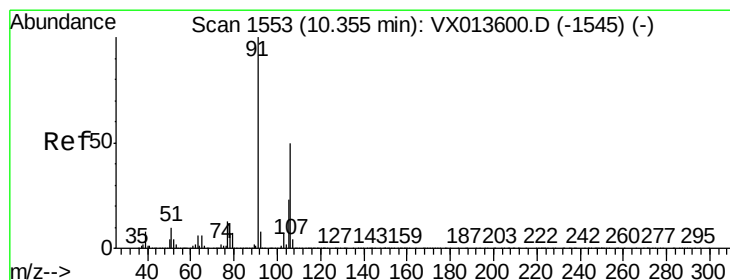
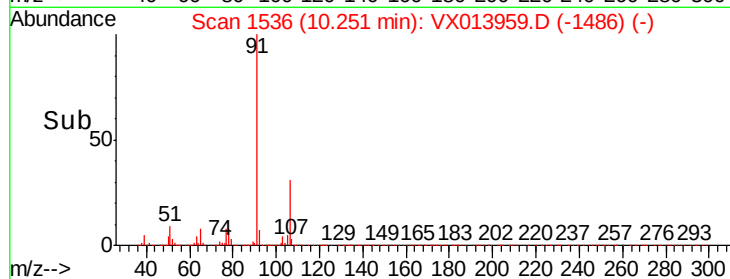
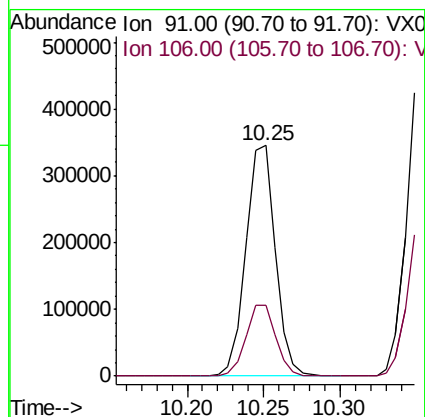
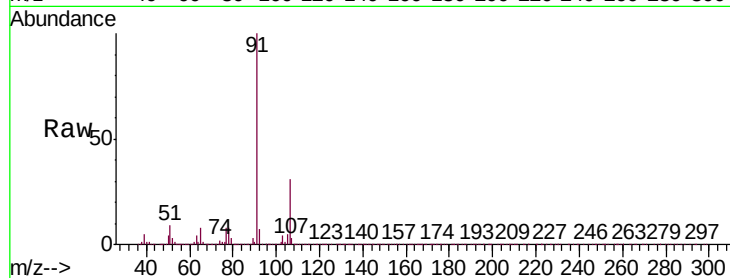
VX1211WBS02

Tgt Ion: 91 Resp: 462285

Ion Ratio Lower Upper

91 100

106 30.8 24.5 36.7



#68

m/p-Xylenes

Concen: 37.505 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013959.D

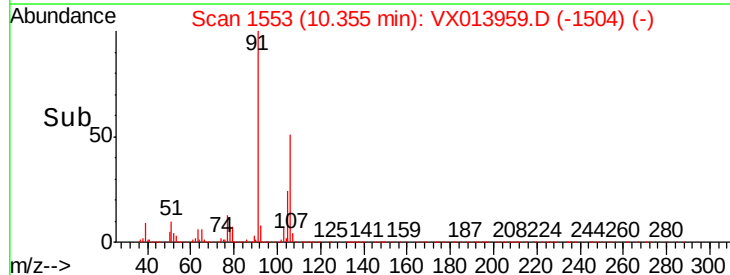
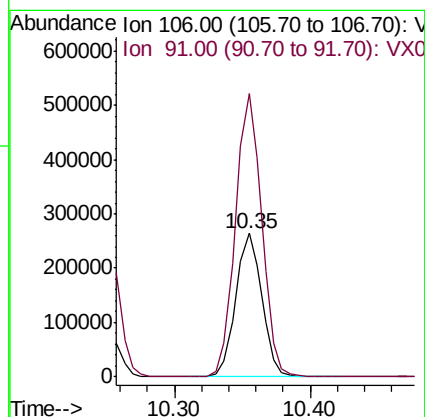
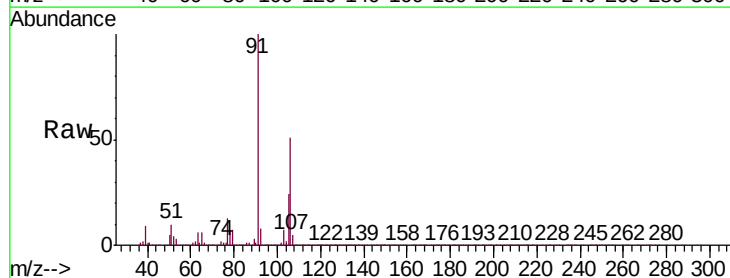
Acq: 11 Dec 2019 22:34

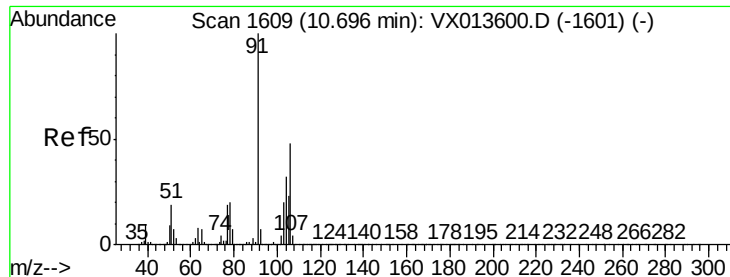
Tgt Ion: 106 Resp: 352245

Ion Ratio Lower Upper

106 100

91 198.3 159.0 238.4

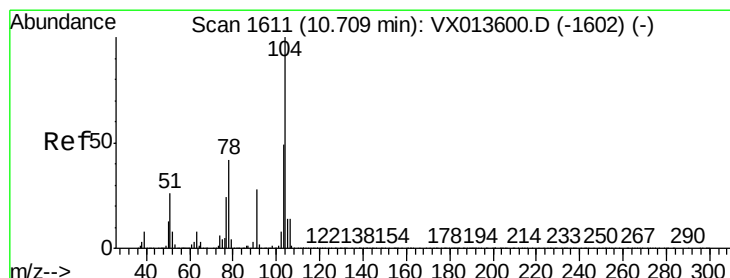
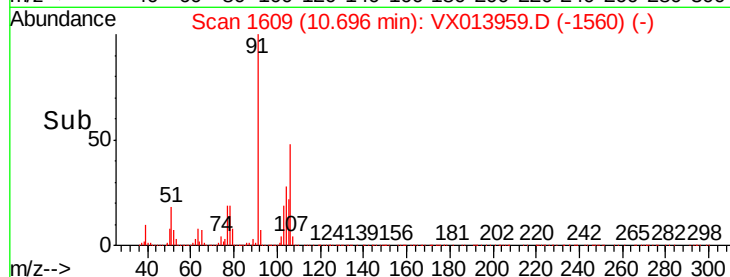
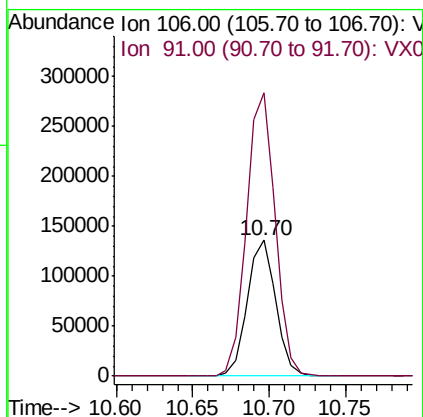
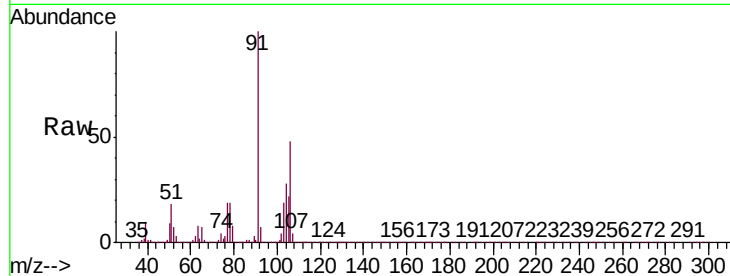




#69
o-Xylene
Concen: 19.030 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

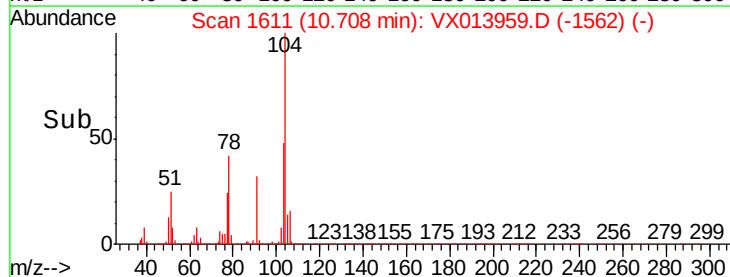
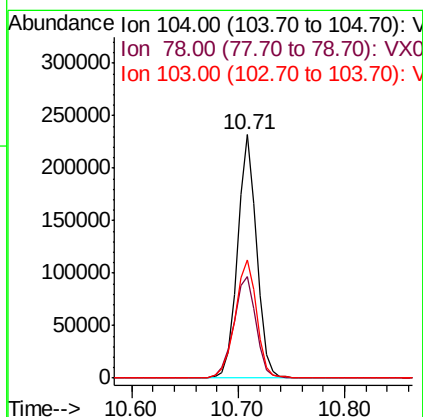
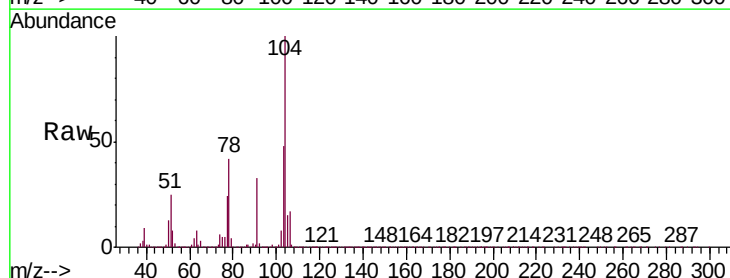
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS02

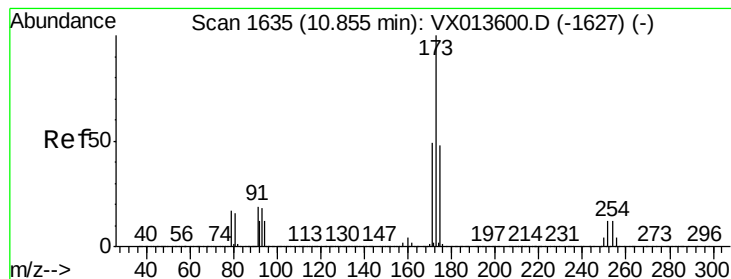
Tgt Ion:106 Resp: 174311
Ion Ratio Lower Upper
106 100
91 211.6 104.1 312.2



#70
Styrene
Concen: 18.929 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Tgt Ion:104 Resp: 291676
Ion Ratio Lower Upper
104 100
78 48.9 38.5 57.7
103 54.9 43.7 65.5





#71

Bromoform

Concen: 17.490 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS02

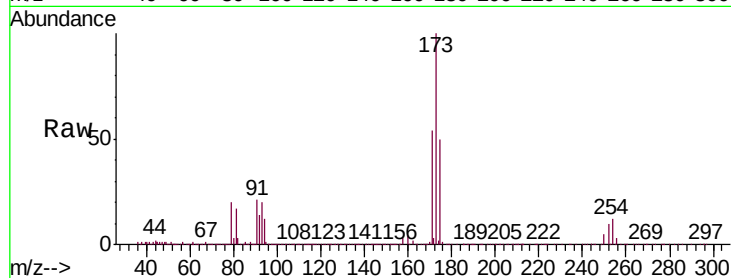
Tgt Ion:173 Resp: 74188

Ion Ratio Lower Upper

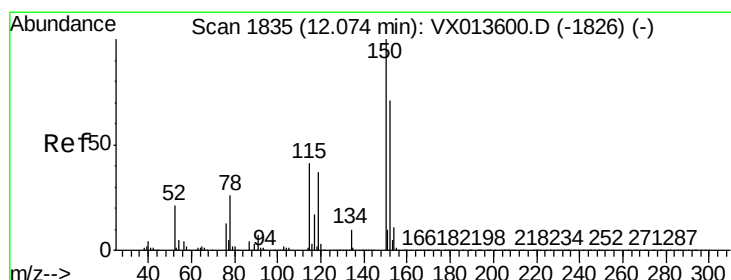
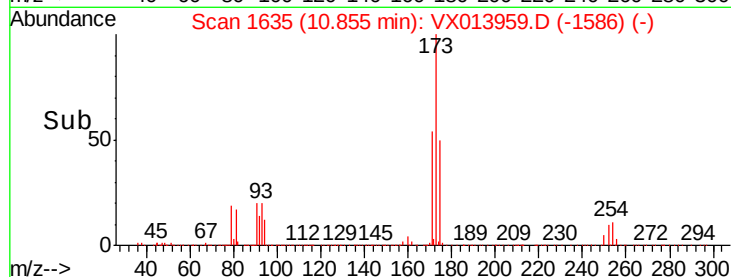
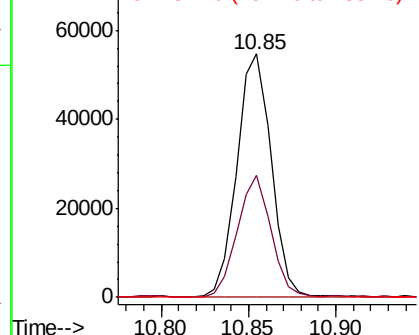
173 100

175 49.6 24.3 72.8

254 0.3 0.2 0.4



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: VX013959.D

Acq: 11 Dec 2019 22:34

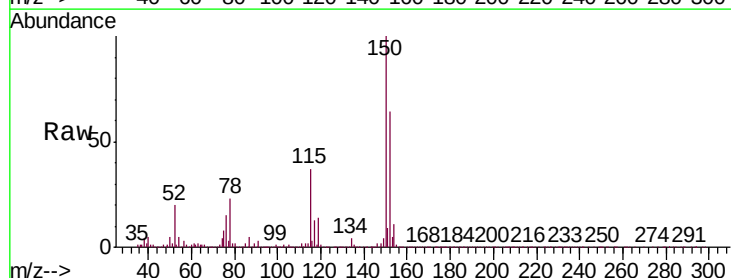
Tgt Ion:152 Resp: 332198

Ion Ratio Lower Upper

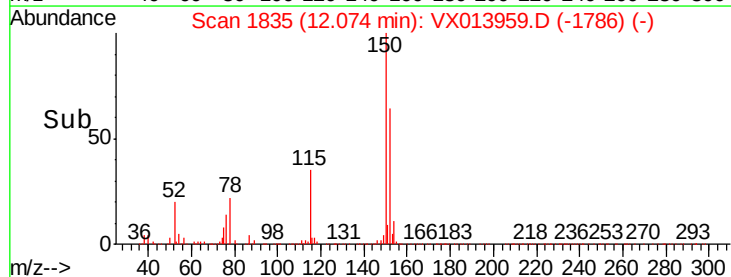
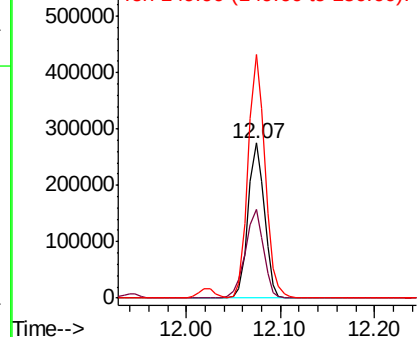
152 100

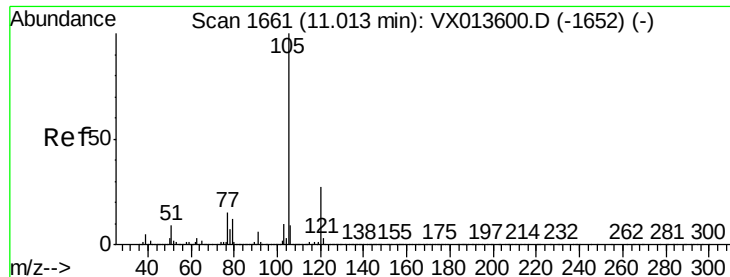
115 63.5 38.4 115.1

150 163.2 0.0 346.8



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





#73

Isopropylbenzene

Concen: 19.636 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

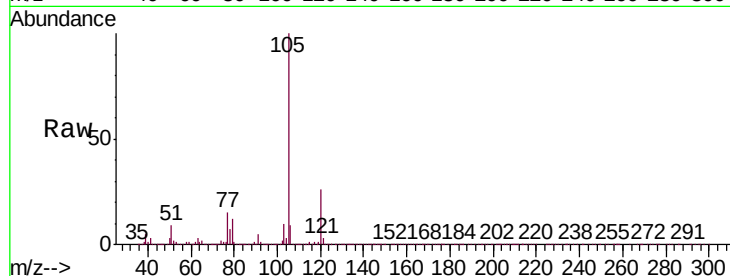
VX1211WBS02

Tgt Ion: 105 Resp: 457564

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

400000

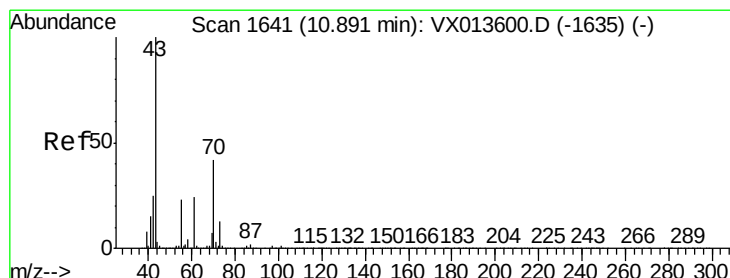
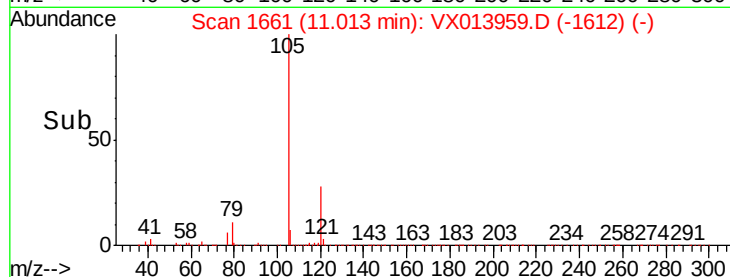
300000

200000

100000

0

Time-->



#74

N-amyl acetate

Concen: 19.432 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Tgt Ion: 43 Resp: 207428

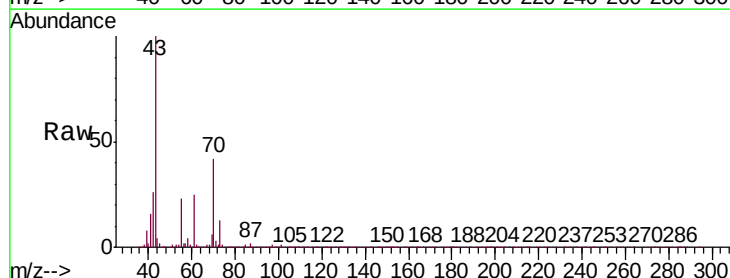
Ion Ratio Lower Upper

43 100

70 43.3 34.3 51.5

55 24.2 18.5 27.7

61 24.6 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

250000

200000

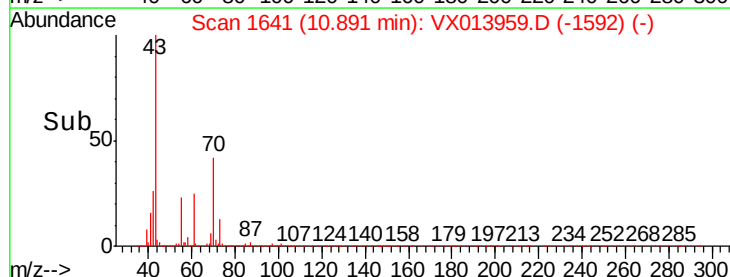
150000

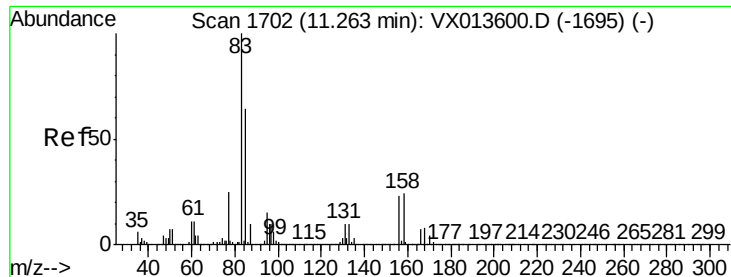
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.668 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS02

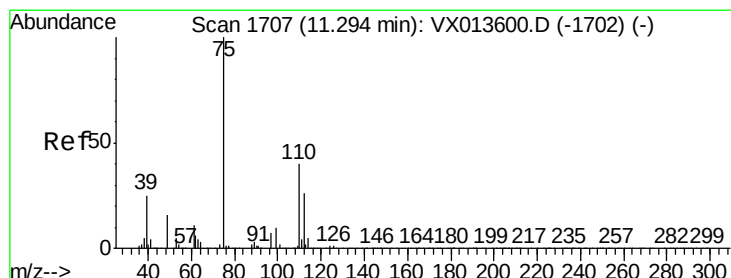
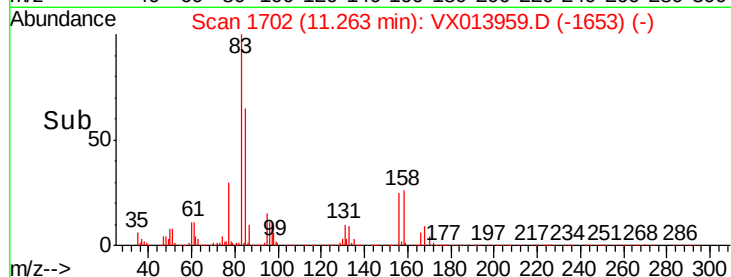
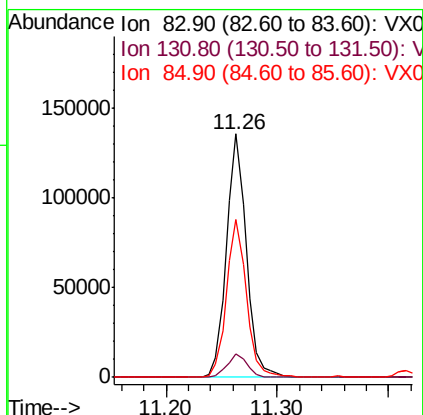
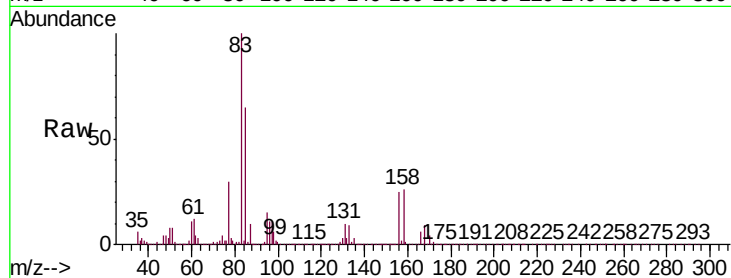
Tgt Ion: 83 Resp: 167018

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.3

85 64.6 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 23.994 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013959.D

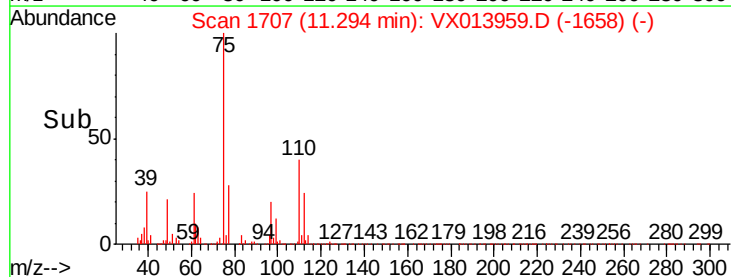
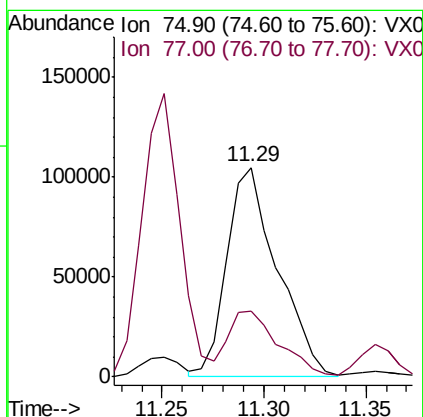
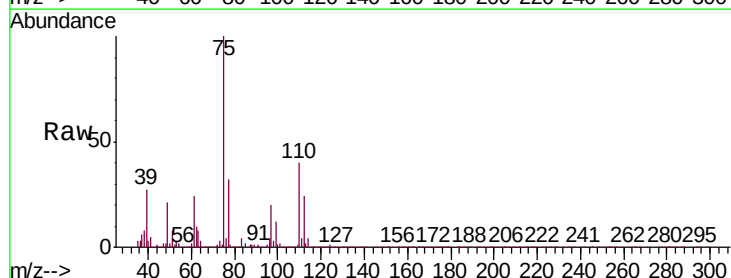
Acq: 11 Dec 2019 22:34

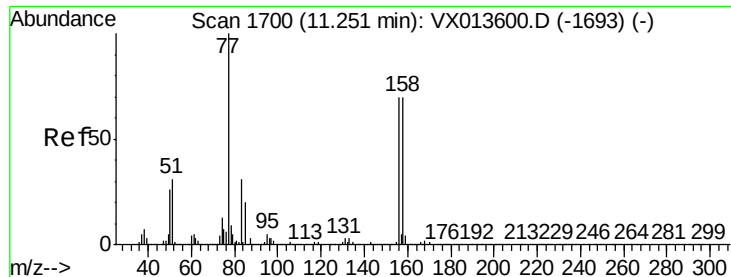
Tgt Ion: 75 Resp: 179274

Ion Ratio Lower Upper

75 100

77 31.3 19.1 57.5





#77

Bromobenzene

Concen: 18.974 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS02

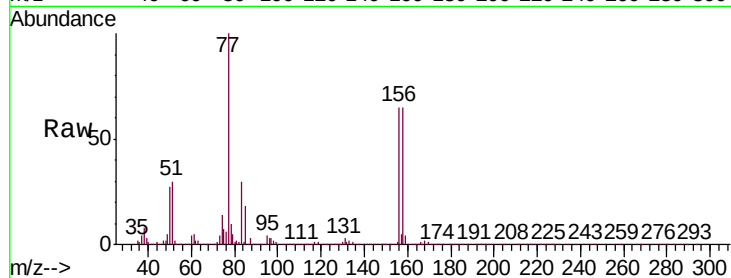
Tgt Ion: 156 Resp: 119445

Ion Ratio Lower Upper

156 100

77 153.5 74.4 223.1

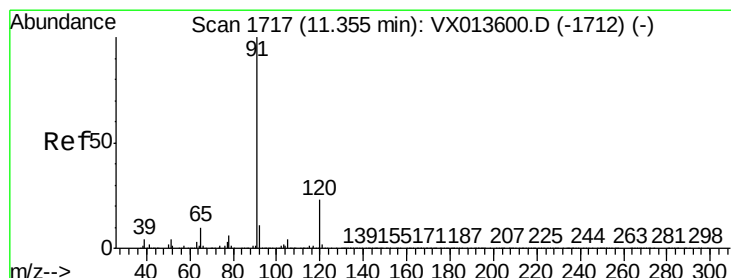
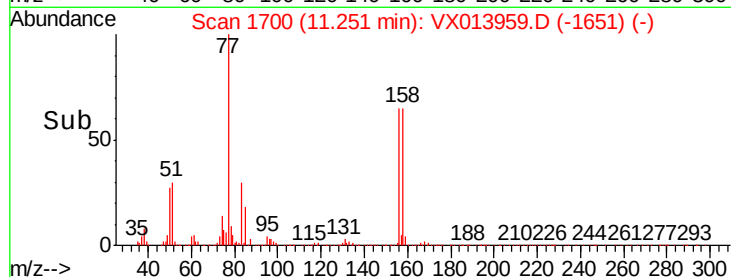
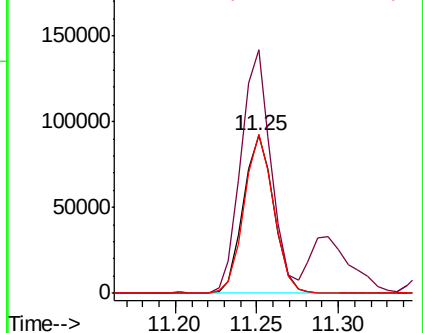
158 98.5 48.9 146.6



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: 19.235 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013959.D

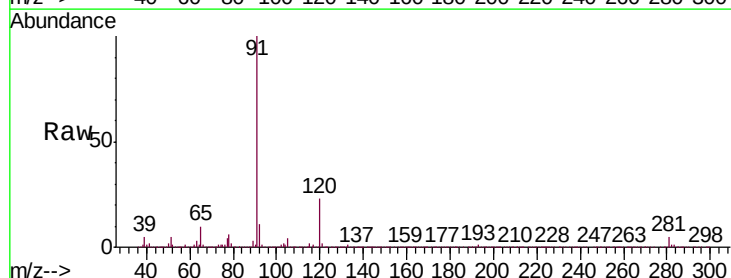
Acq: 11 Dec 2019 22:34

Tgt Ion: 91 Resp: 500363

Ion Ratio Lower Upper

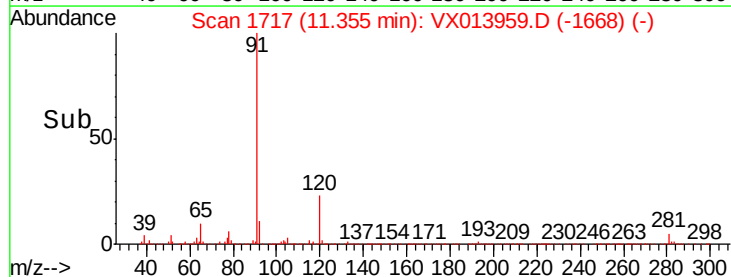
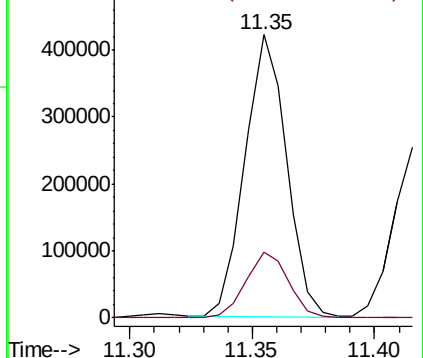
91 100

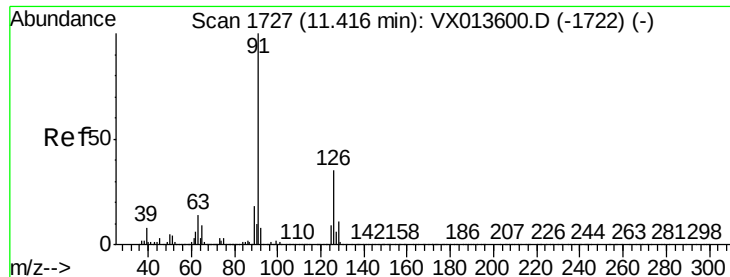
120 24.0 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.899 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

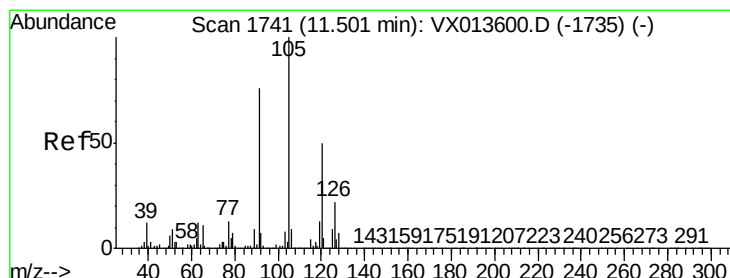
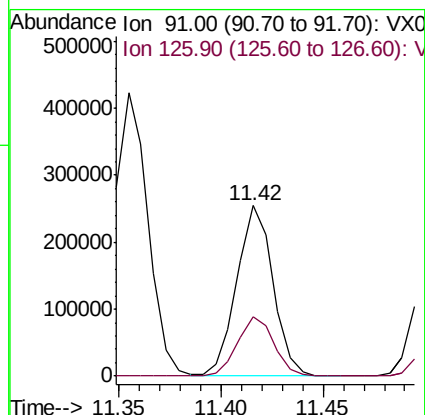
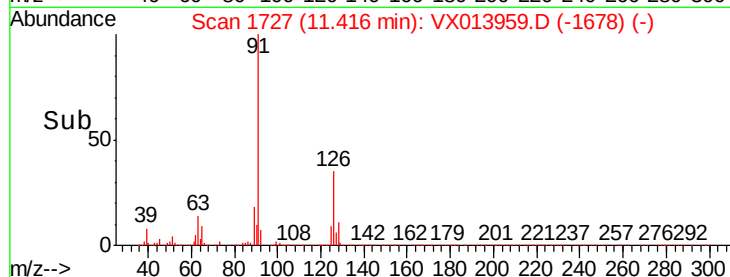
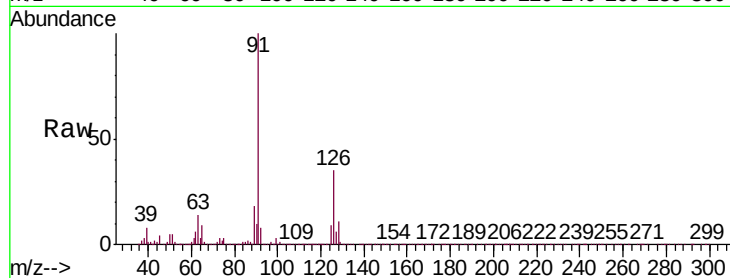
VX1211WBS02

Tgt Ion: 91 Resp: 310513

Ion Ratio Lower Upper

91 100

126 35.0 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 19.785 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013959.D

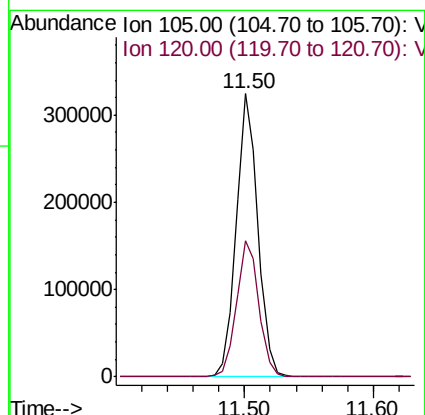
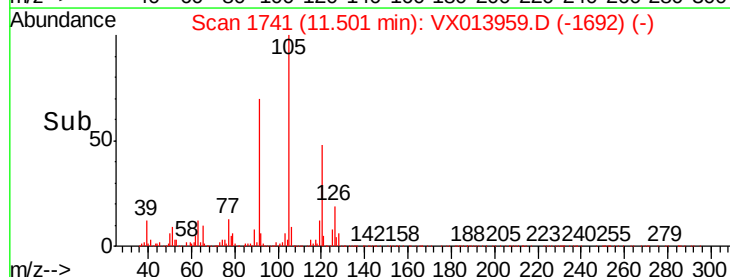
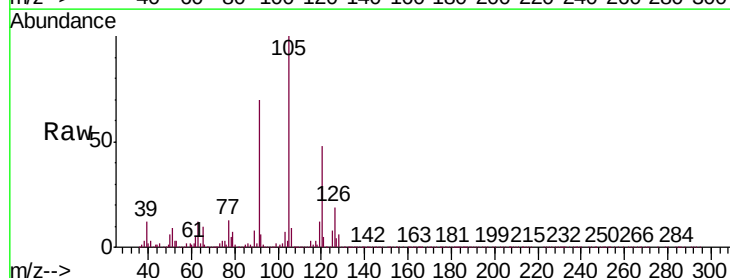
Acq: 11 Dec 2019 22:34

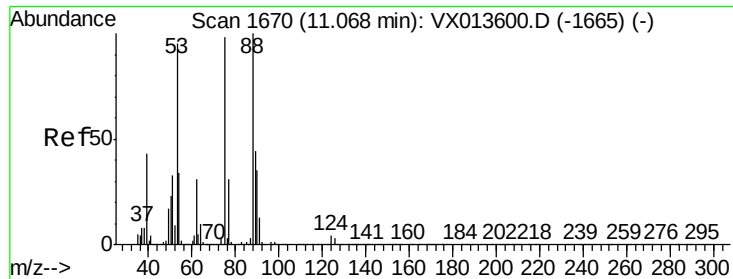
Tgt Ion: 105 Resp: 377857

Ion Ratio Lower Upper

105 100

120 49.6 25.3 75.9

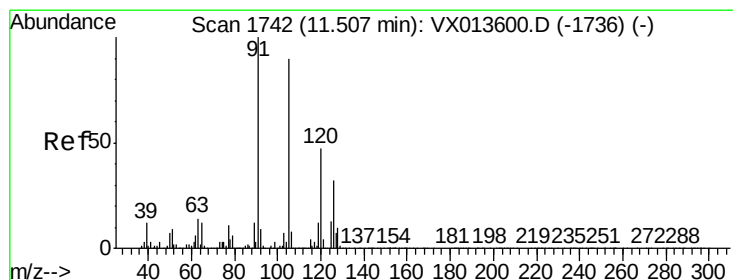
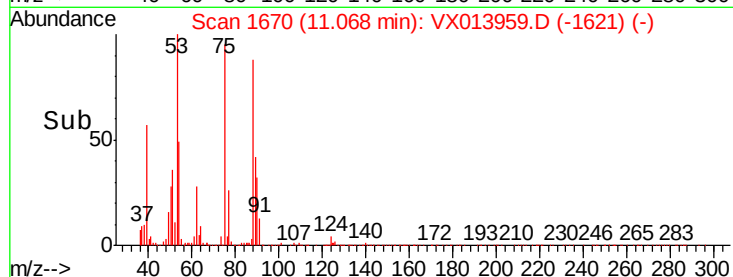
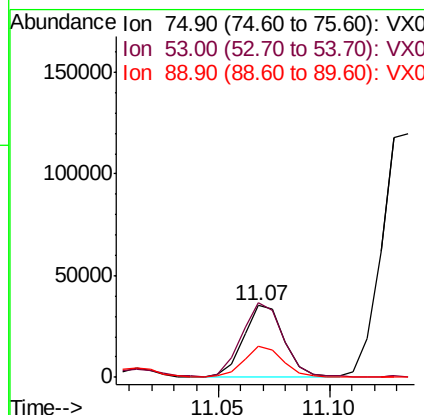
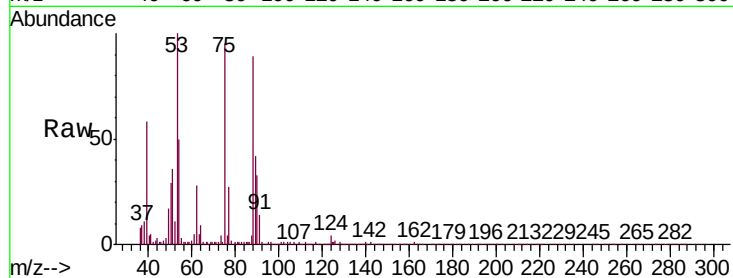




#81
trans-1,4-Dichloro-2-butene
Concen: 16.246 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

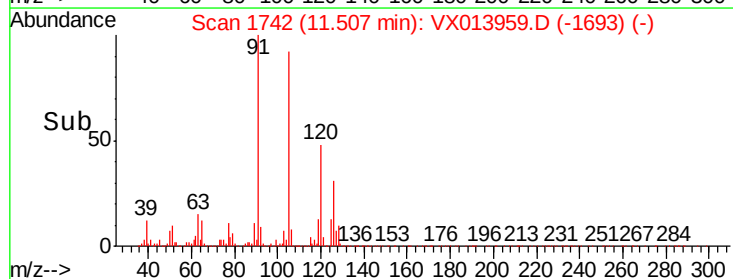
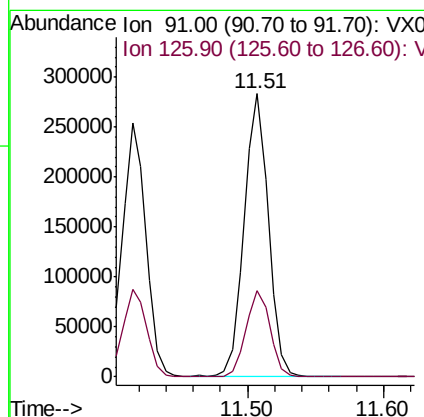
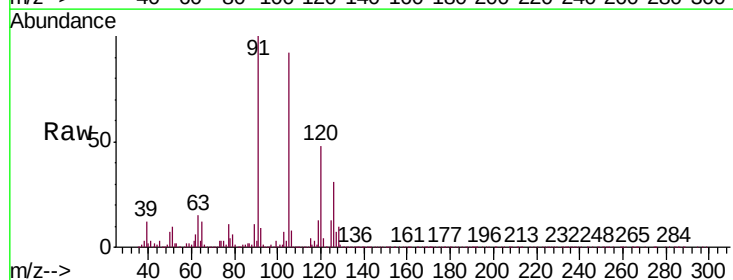
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS02

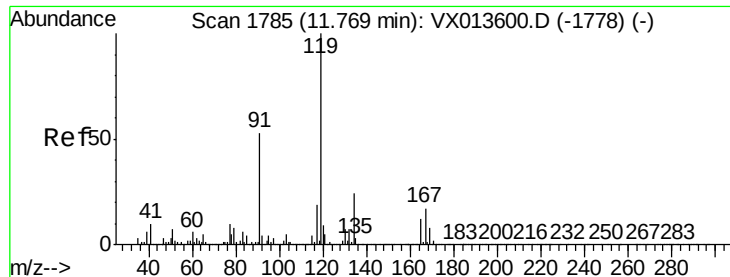
Tgt Ion: 75 Resp: 44368
Ion Ratio Lower Upper
75 100
53 106.9 78.2 117.2
89 43.9 35.4 53.2



#82
4-Chlorotoluene
Concen: 19.314 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Tgt Ion: 91 Resp: 349070
Ion Ratio Lower Upper
91 100
126 30.7 15.7 47.0

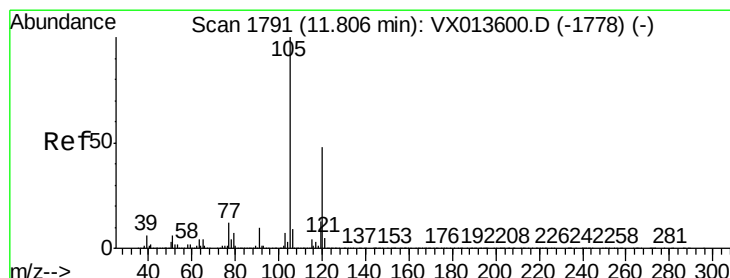
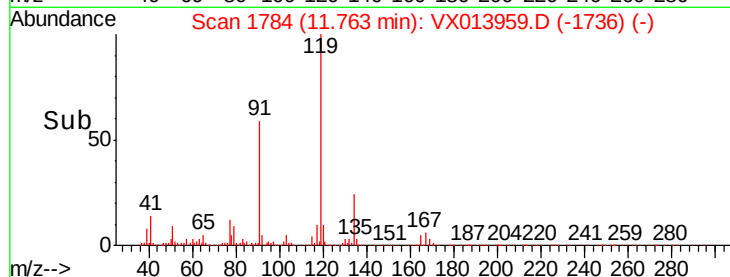
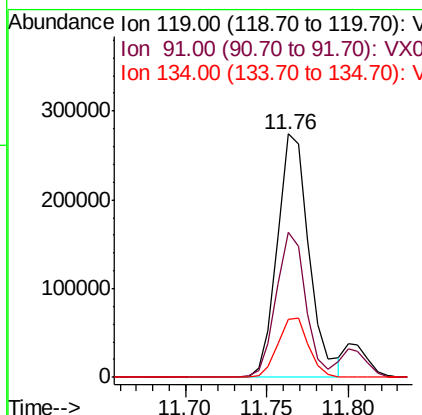
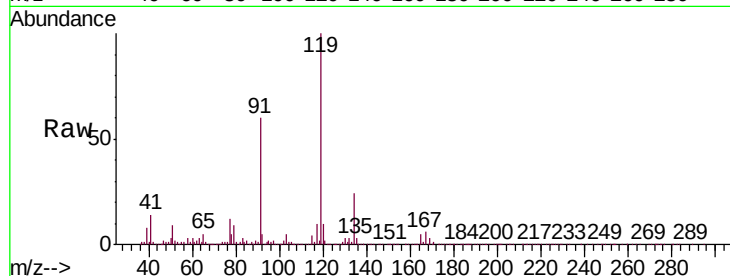




#83
 tert-Butylbenzene
 Concen: 19.168 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX013959.D
 Acq: 11 Dec 2019 22:34

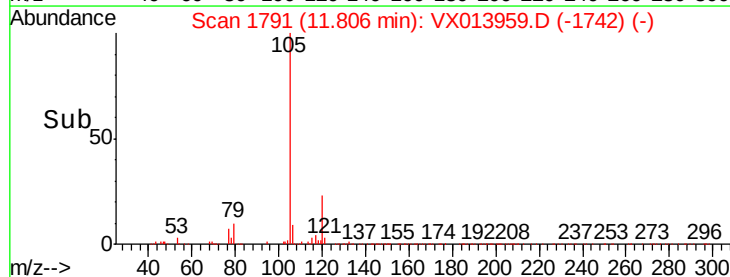
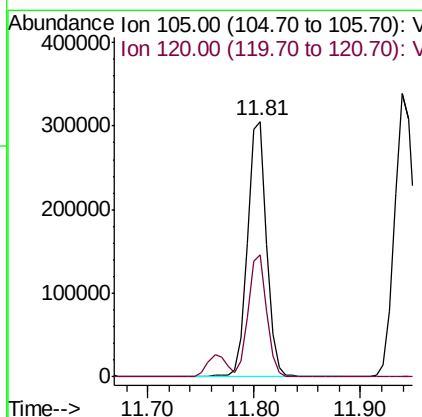
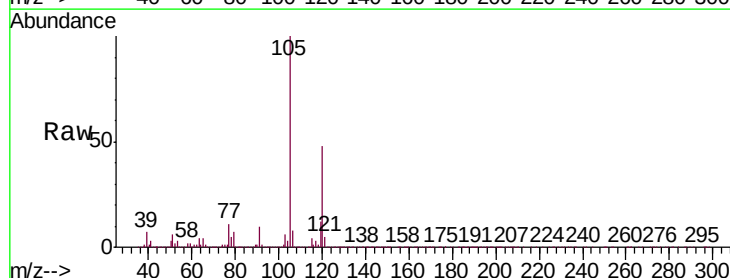
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBS02

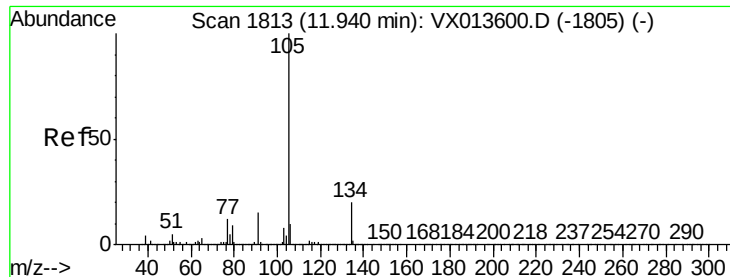
Tgt Ion	Ratio	Lower	Upper
119	100		
91	55.3	27.2	81.6
134	23.7	11.7	35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.735 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX013959.D
 Acq: 11 Dec 2019 22:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.1	69.3





#85

sec-Butylbenzene

Concen: 19.133 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

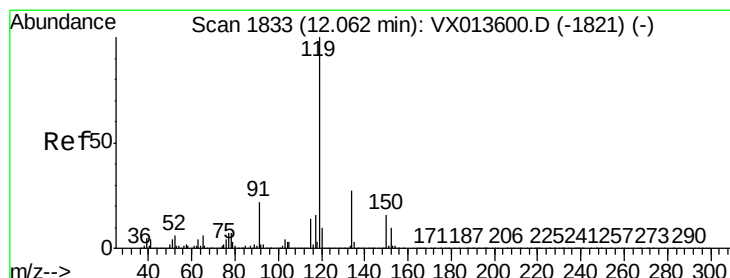
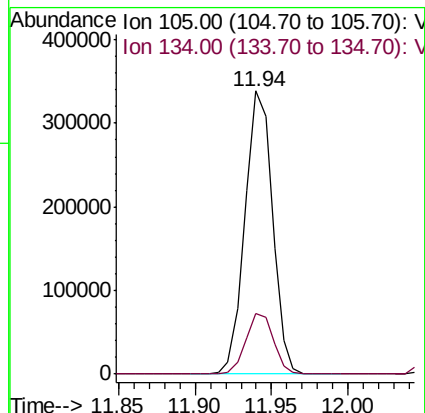
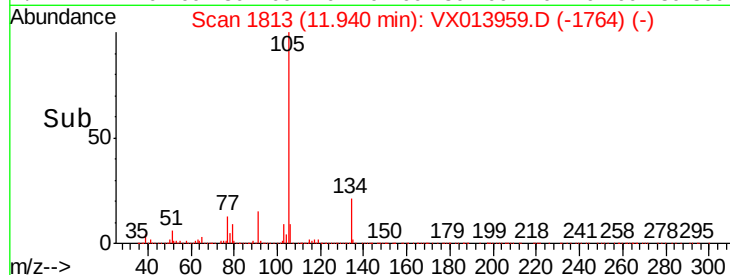
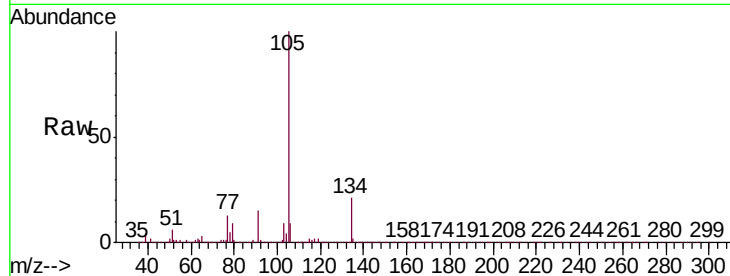
VX1211WBS02

Tgt Ion:105 Resp: 424181

Ion Ratio Lower Upper

105 100

134 21.4 10.4 31.2



#86

p-Isopropyltoluene

Concen: 18.935 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

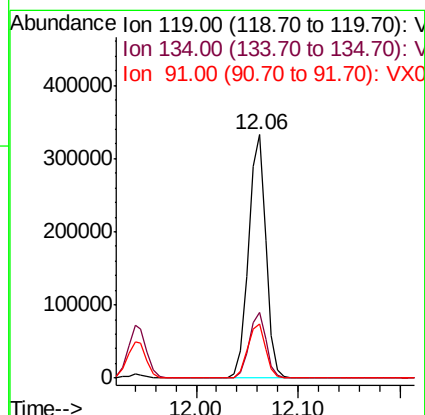
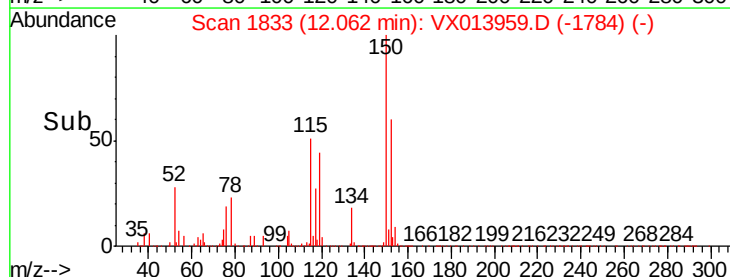
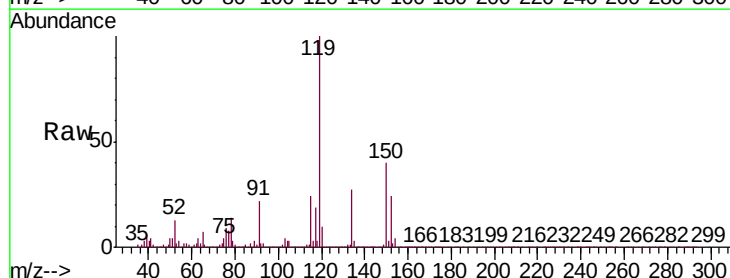
Tgt Ion:119 Resp: 390520

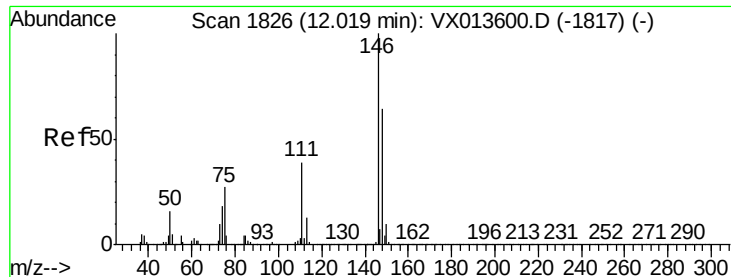
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

91 22.9 11.3 33.8

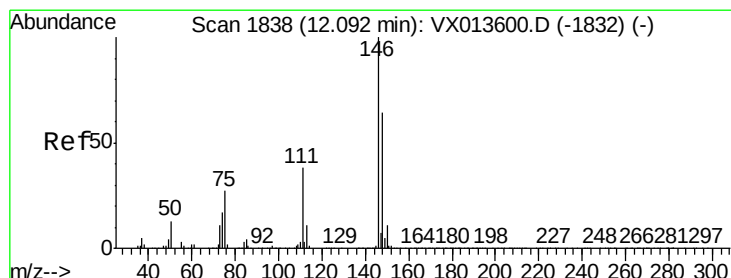
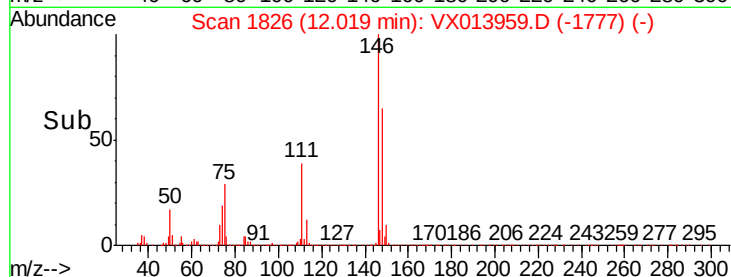
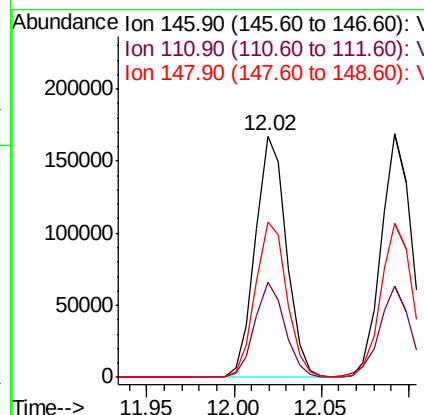
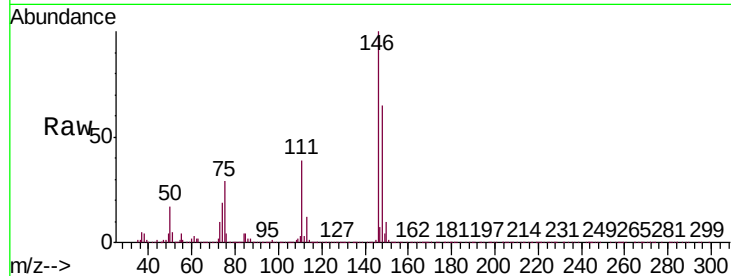




#87
 1,3-Dichlorobenzene
 Concen: 18.897 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013959.D
 Acq: 11 Dec 2019 22:34

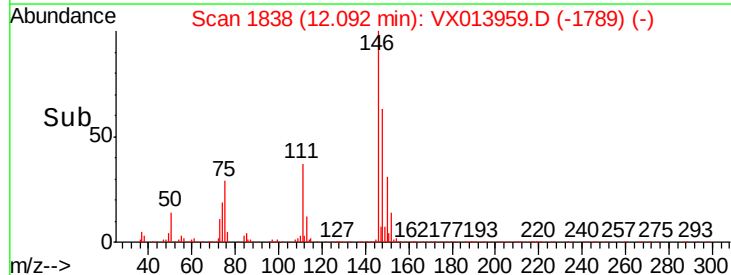
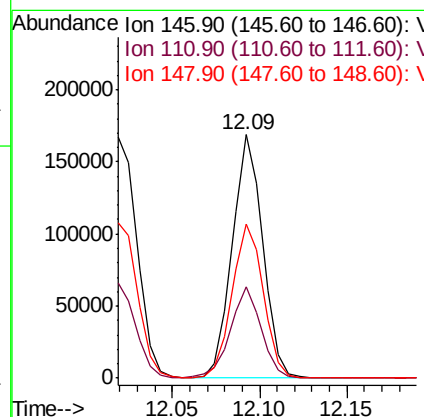
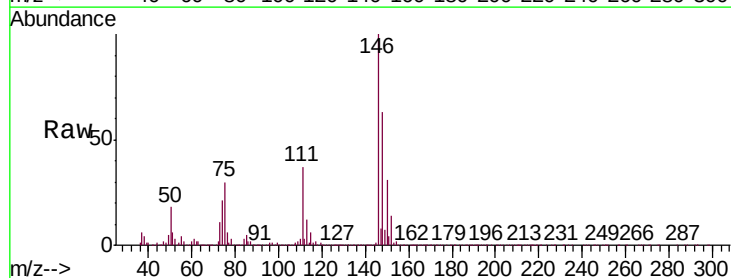
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBS02

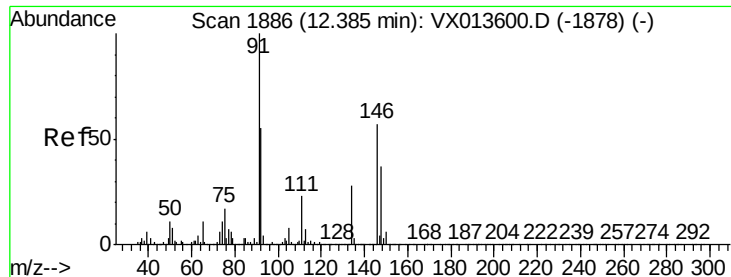
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.0	57.0
148	65.5	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 18.269 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013959.D
 Acq: 11 Dec 2019 22:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.9	56.9
148	65.1	31.9	95.5

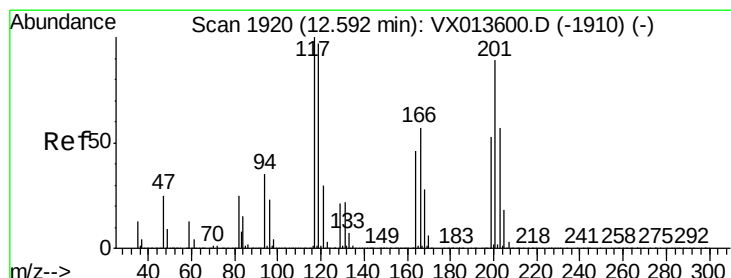
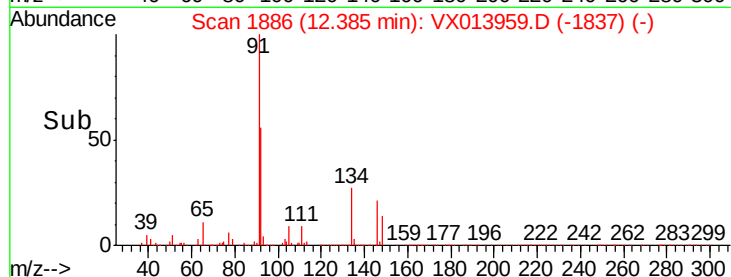
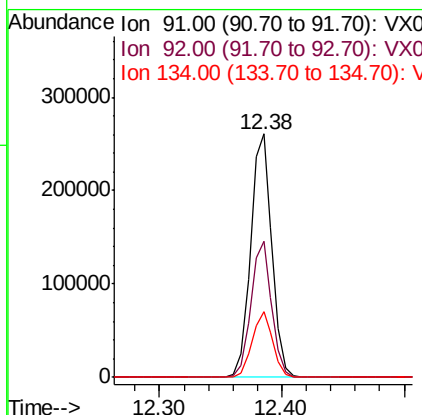
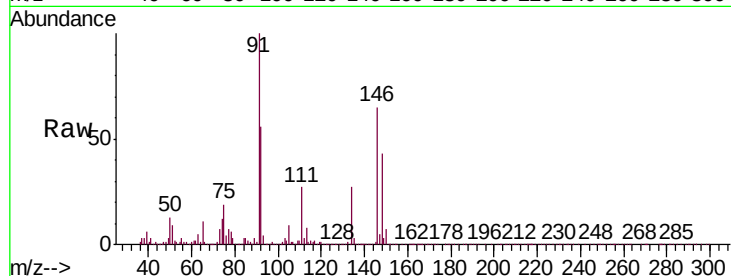




#89
n-Butylbenzene
Concen: 17.874 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

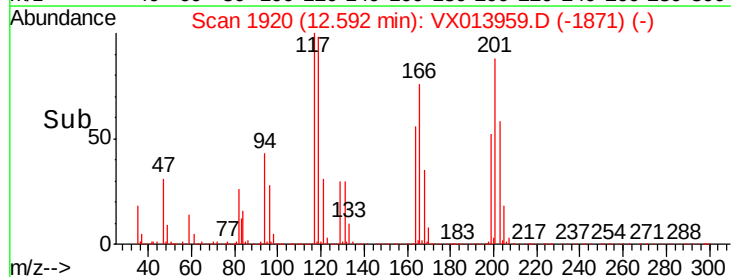
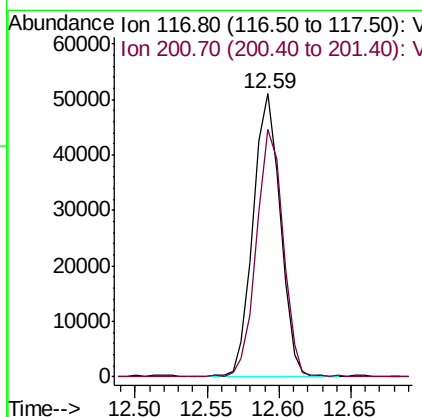
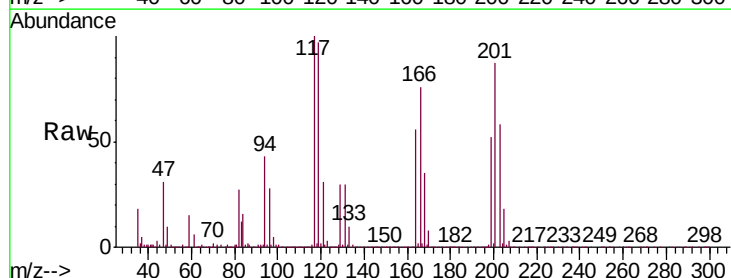
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS02

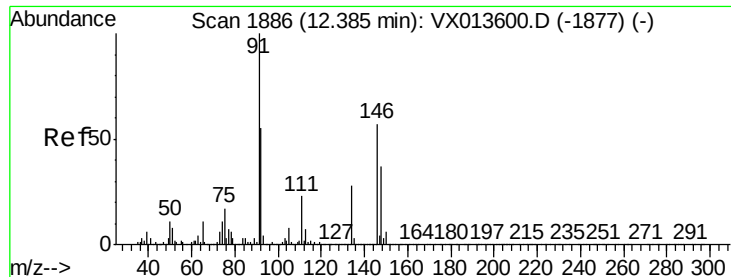
Tgt Ion: 91 Resp: 314420
Ion Ratio Lower Upper
91 100
92 54.9 27.4 82.2
134 26.6 13.5 40.4



#90
Hexachloroethane
Concen: 17.716 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Tgt Ion: 117 Resp: 66045
Ion Ratio Lower Upper
117 100
201 87.1 44.1 132.4

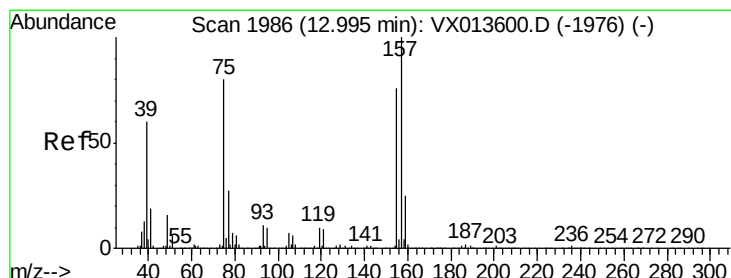
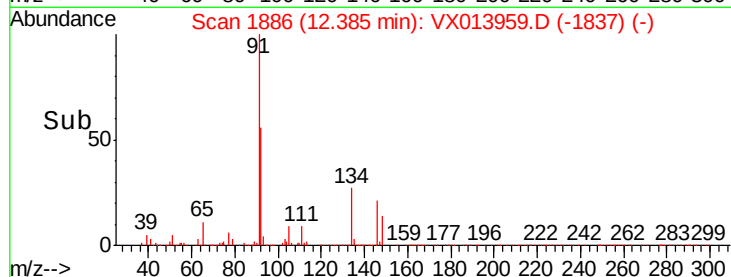
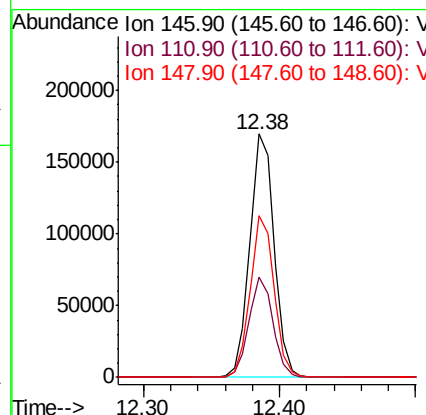
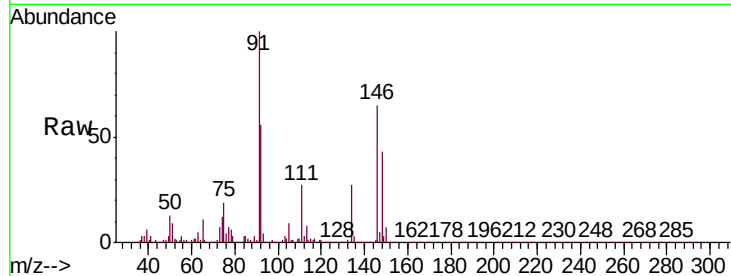




#91
 1,2-Dichlorobenzene
 Concen: 19.604 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013959.D
 Acq: 11 Dec 2019 22:34

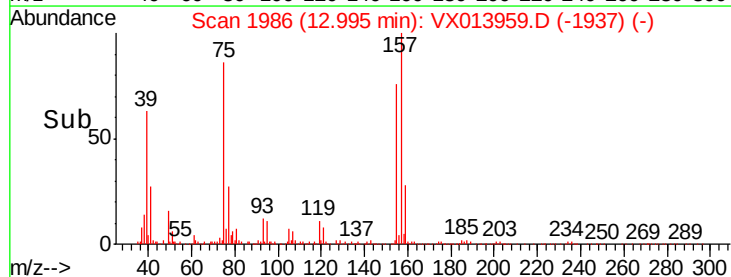
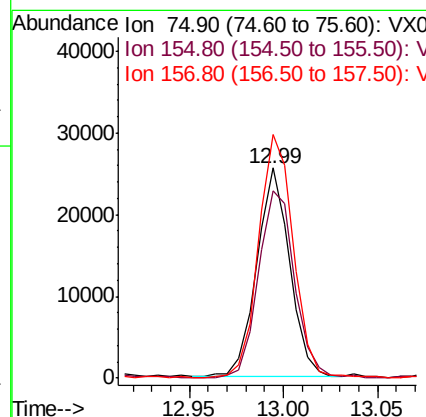
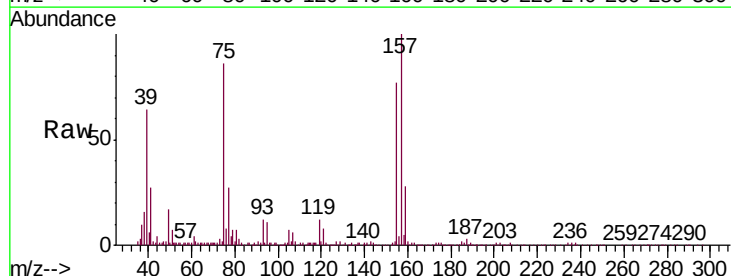
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBS02

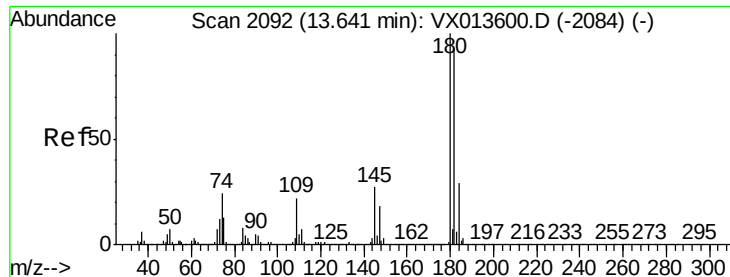
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.6	58.7
148	65.1	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.661 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013959.D
 Acq: 11 Dec 2019 22:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.8	47.6	142.8
157	122.9	62.1	186.2

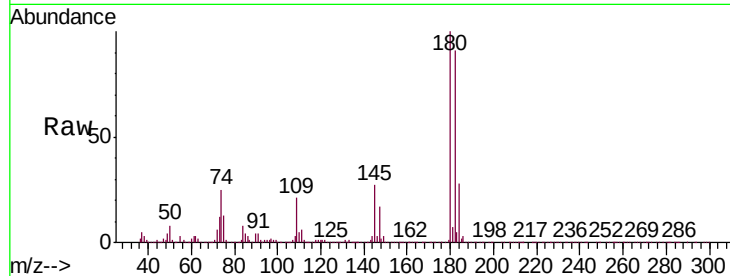




#93
1,2,4-Trichlorobenzene
Concen: 17.218 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.2	141.6
145	27.7	13.8	41.4

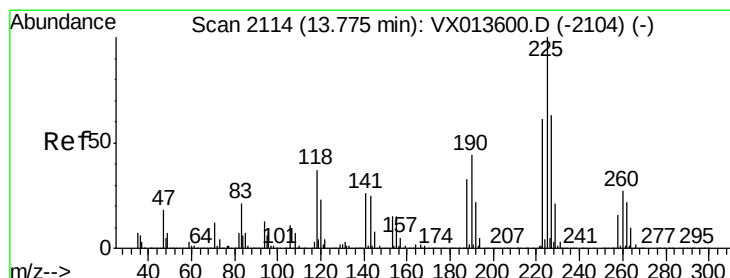
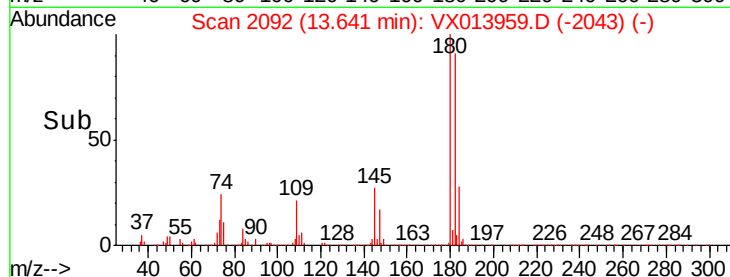
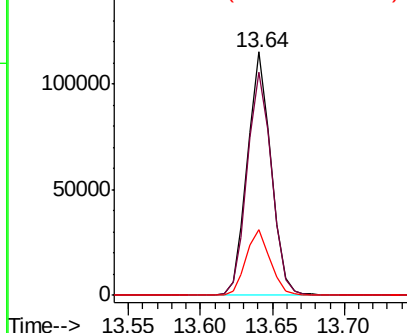


Abundance

Ion 179.80 (179.50 to 180.50): V

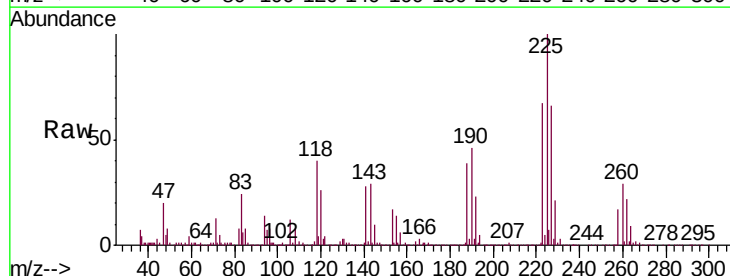
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 17.271 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	31.9	95.5
227	65.7	32.1	96.3

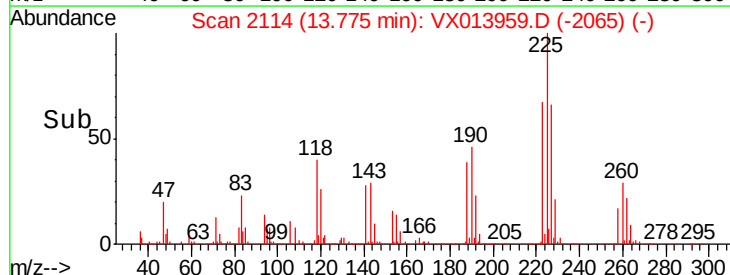
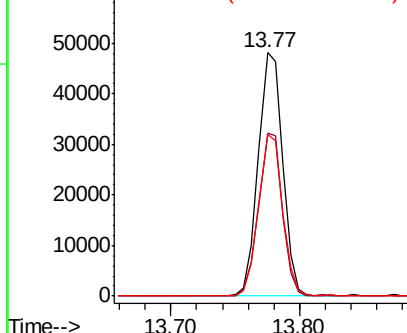


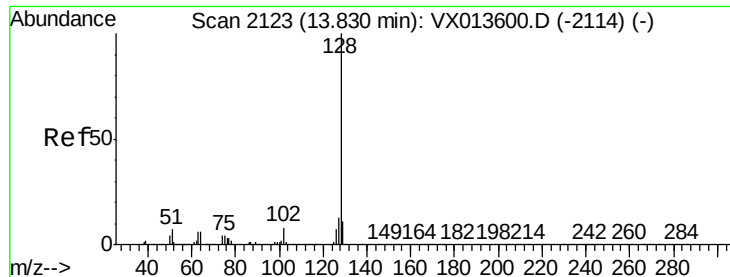
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

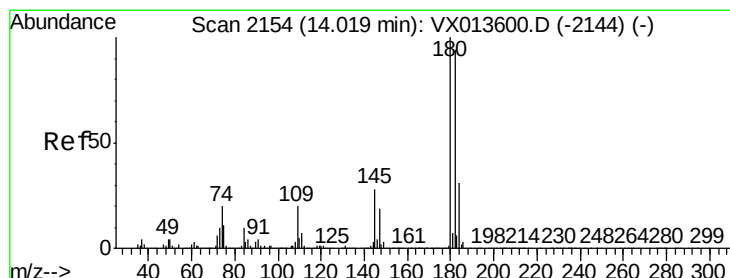
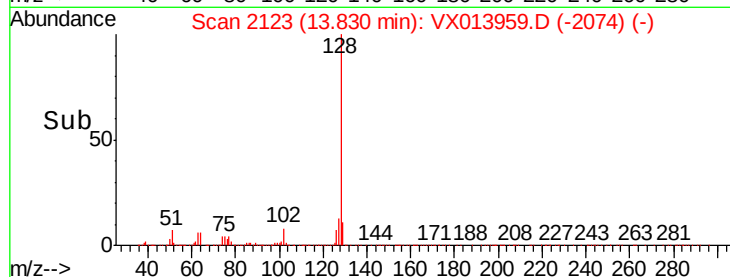
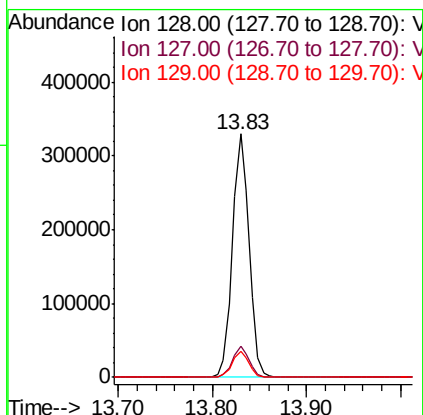
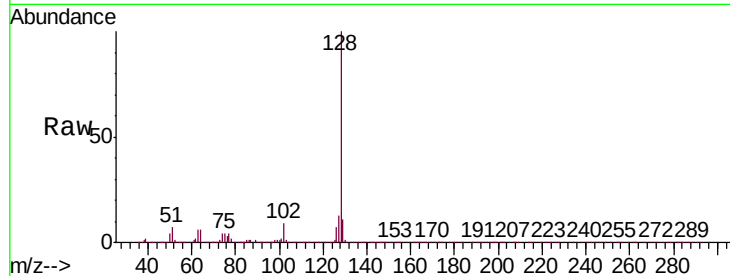




#95
Naphthalene
Concen: 17.931 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS02

Tgt Ion:128 Resp: 403498
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.332 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Tgt Ion:180 Resp: 137152
Ion Ratio Lower Upper
180 100
182 93.6 47.6 142.8
145 29.2 15.0 45.0

