

Data File : VX013934.D
Acq On : 11 Dec 2019 11:05
Operator : JC/SP
Sample : VX1211WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS01

Quant Time: Dec 12 03:56:06 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	671339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1005612	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	911761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	479350	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	375430	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
35) Dibromofluoromethane	5.48	113	313749	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
50) Toluene-d8	8.71	98	1195501	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
62) 4-Bromofluorobenzene	11.13	95	445605	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	143400	19.191	ug/l	100
3) Chloromethane	1.32	50	160249	19.112	ug/l	100
4) Vinyl Chloride	1.40	62	190160	20.150	ug/l	98
5) Bromomethane	1.64	94	114921	18.133	ug/l	98
6) Chloroethane	1.72	64	107072	19.939	ug/l	98
7) Trichlorofluoromethane	1.92	101	211210	20.156	ug/l	100
8) Diethyl Ether	2.18	74	96579	20.372	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	134744	21.052	ug/l	100
10) Methyl Iodide	2.50	142	118042	15.246	ug/l	100
11) Tert butyl alcohol	3.02	59	156737	81.485	ug/l	100
12) 1,1-Dichloroethene	2.37	96	127745	19.995	ug/l	98
13) Acrolein	2.28	56	107144	87.295	ug/l	100
14) Allyl chloride	2.72	41	231326	19.952	ug/l	99
15) Acrylonitrile	3.12	53	392990	98.979	ug/l	99
16) Acetone	2.43	43	433448	112.661	ug/l	99
17) Carbon Disulfide	2.56	76	314103	17.246	ug/l	99
18) Methyl Acetate	2.76	43	227129	21.200	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	434802	20.543	ug/l	99
20) Methylene Chloride	2.84	84	149051	20.165	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	137130	19.702	ug/l	97
22) Diisopropyl ether	3.84	45	477424	21.385	ug/l	89
23) Vinyl Acetate	3.80	43	1895712	102.072	ug/l	98
24) 1,1-Dichloroethane	3.69	63	257255	21.079	ug/l	99
25) 2-Butanone	4.65	43	583239	102.002	ug/l	98
26) 2,2-Dichloropropane	4.57	77	203730	20.176	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	159508	19.956	ug/l	98
28) Bromochloromethane	5.00	49	108603	22.511	ug/l	97
29) Tetrahydrofuran	5.11	42	343107	97.338	ug/l	99
30) Chloroform	5.19	83	251563	20.325	ug/l	99
31) Cyclohexane	5.57	56	223122	19.383	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	209861	20.290	ug/l	100
36) 1,1-Dichloropropene	5.78	75	188618	20.663	ug/l	100
37) Ethyl Acetate	4.81	43	213792	20.877	ug/l	99
38) Carbon Tetrachloride	5.77	117	175459	20.845	ug/l	98

Data File : VX013934.D
Acq On : 11 Dec 2019 11:05
Operator : JC/SP
Sample : VX1211WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS01

Quant Time: Dec 12 03:56:06 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)
39) Methylcyclohexane	7.45	83	227456	20.158	ug/l	100
40) Benzene	6.13	78	571206	20.545	ug/l	100
41) Methacrylonitrile	5.03	41	120605	21.475	ug/l	98
42) 1,2-Dichloroethane	6.18	62	198654	20.951	ug/l	99
43) Isopropyl Acetate	6.43	43	336934	19.985	ug/l	99
44) Trichloroethene	7.20	130	154897	20.300	ug/l	99
45) 1,2-Dichloropropane	7.51	63	151863	21.832	ug/l	97
46) Dibromomethane	7.65	93	98763	20.905	ug/l	96
47) Bromodichloromethane	7.89	83	192942	21.603	ug/l	95
48) Methyl methacrylate	7.76	41	167799	20.484	ug/l	97
49) 1,4-Dioxane	7.73	88	65815	358.939	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	1097290	103.469	ug/l	99
52) Toluene	8.78	92	365366	21.154	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	209049	20.564	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	234342	21.100	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	151464	21.761	ug/l	98
56) Ethyl methacrylate	9.17	69	234055	20.916	ug/l	100
57) 1,3-Dichloropropane	9.37	76	256711	21.398	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	341396	77.812	ug/l	99
59) 2-Hexanone	9.48	43	844662	102.122	ug/l	98
60) Dibromochloromethane	9.57	129	153313	21.225	ug/l	100
61) 1,2-Dibromoethane	9.67	107	154735	20.815	ug/l	98
64) Tetrachloroethene	9.33	164	150018	22.064	ug/l	98
65) Chlorobenzene	10.14	112	400315	21.147	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.21	131	143207	21.067	ug/l	99
67) Ethyl Benzene	10.25	91	694385	21.347	ug/l	98
68) m/p-Xylenes	10.35	106	526989	42.315	ug/l	99
69) o-Xylene	10.70	106	252365	20.777	ug/l	98
70) Styrene	10.71	104	438032	21.438	ug/l	99
71) Bromoform	10.85	173	112721	20.041	ug/l	100
73) Isopropylbenzene	11.01	105	690489	20.535	ug/l	99
74) N-amyl acetate	10.89	43	298960	19.409	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	231261	19.832	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	258575	23.983	ug/l	91
77) Bromobenzene	11.25	156	178934	19.698	ug/l	98
78) n-propylbenzene	11.35	91	799171	21.291	ug/l	100
79) 2-Chlorotoluene	11.42	91	458011	20.341	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	580709	21.072	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	68113	17.284	ug/l	93
82) 4-Chlorotoluene	11.51	91	542319	20.795	ug/l	99
83) tert-Butylbenzene	11.76	119	571999	20.423	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	577982	20.665	ug/l	99
85) sec-Butylbenzene	11.94	105	685851	21.439	ug/l	99
86) p-Isopropyltoluene	12.06	119	619186	20.805	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	322798	20.386	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	329054	20.402	ug/l	100
89) n-Butylbenzene	12.39	91	560888	22.097	ug/l	100
90) Hexachloroethane	12.59	117	107386	19.963	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	320450	20.482	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	49030	19.308	ug/l	95

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

Data File : VX013934.D
Acq On : 11 Dec 2019 11:05
Operator : JC/SP
Sample : VX1211WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS01

Quant Time: Dec 12 03:56:06 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)
93) 1,2,4-Trichlorobenzene	13.64	180	231395	21.222	ug/l	100
94) Hexachlorobutadiene	13.78	225	106386	20.311	ug/l	99
95) Naphthalene	13.83	128	654835	20.167	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	225540	20.891	ug/l	99

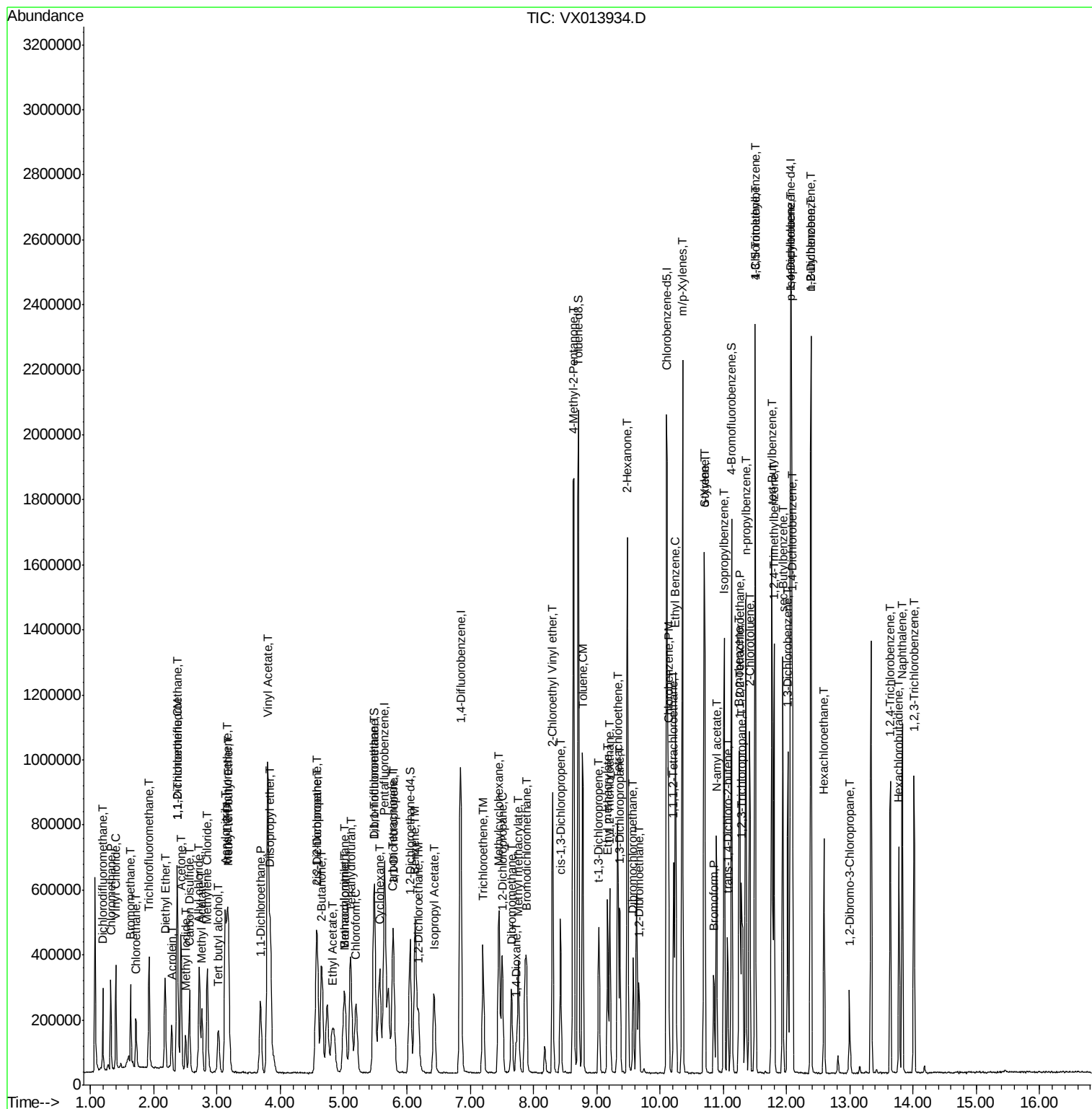
(#) = qualifier out of range (m) = manual integration (+) = signals summed

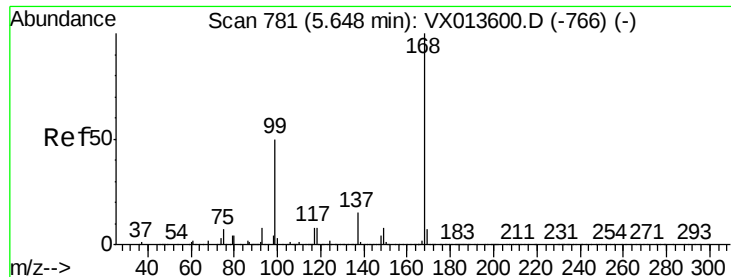
Data File : VX013934.D

```
Acq On       : 11 Dec 2019   11:05
Operator    : JC/SP
Sample      : VX1211WBS01
Misc        : 5.0mL/MSVOA_X/WATER
ALS Vial     : 4      Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS01

Quant Time: Dec 12 03:56:06 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

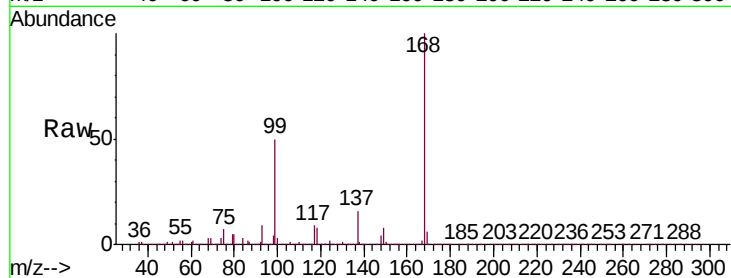
VX1211WBS01

Tgt Ion:168 Resp: 671339

Ion Ratio Lower Upper

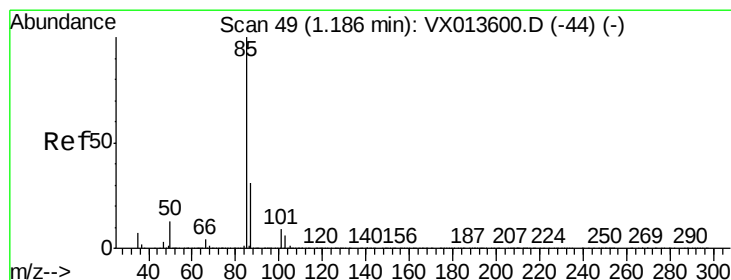
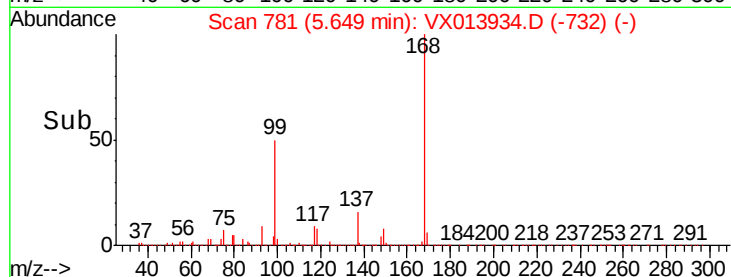
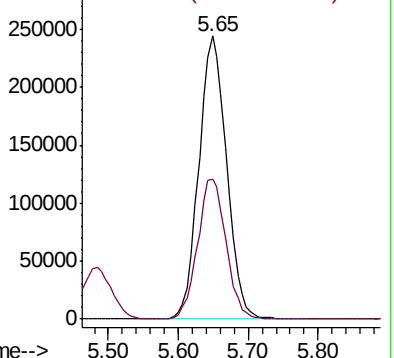
168 100

99 49.4 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.191 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013934.D

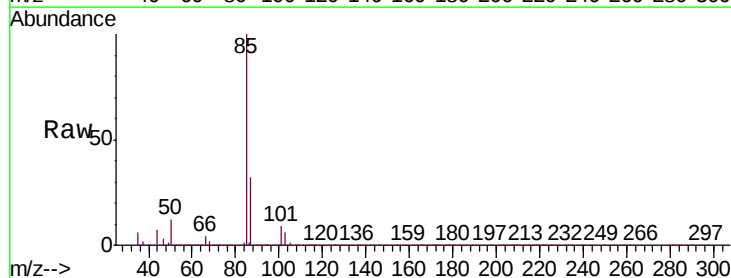
Acq: 11 Dec 2019 11:05

Tgt Ion: 85 Resp: 143400

Ion Ratio Lower Upper

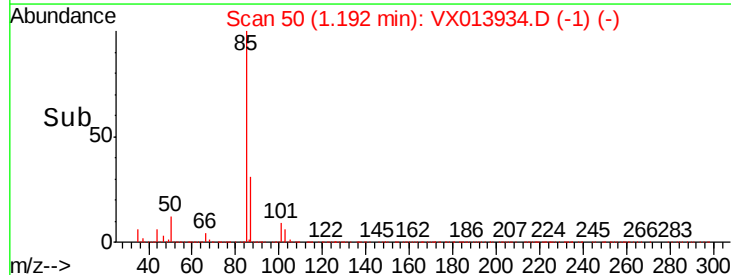
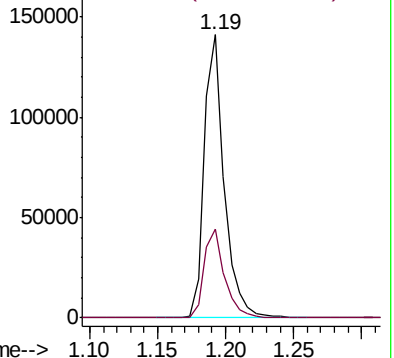
85 100

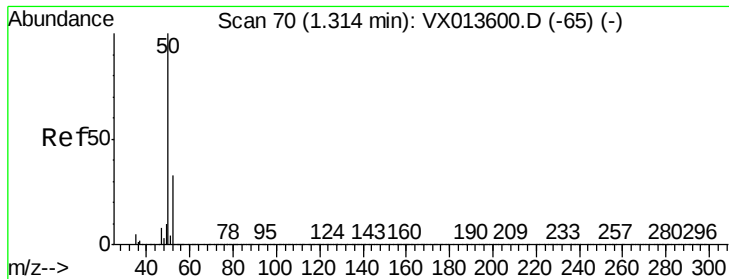
87 31.5 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.112 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

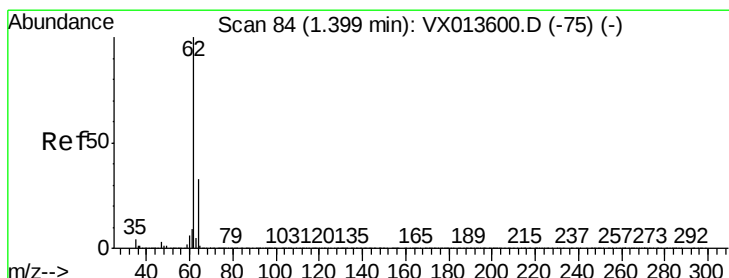
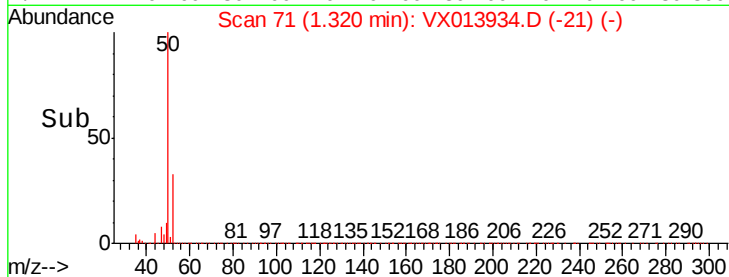
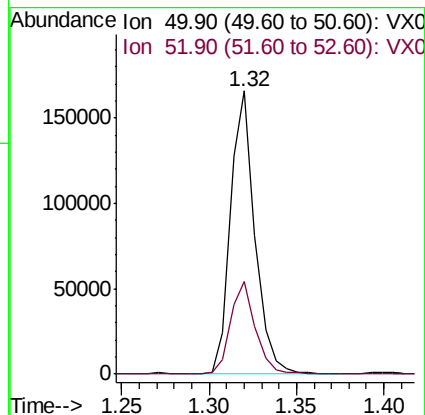
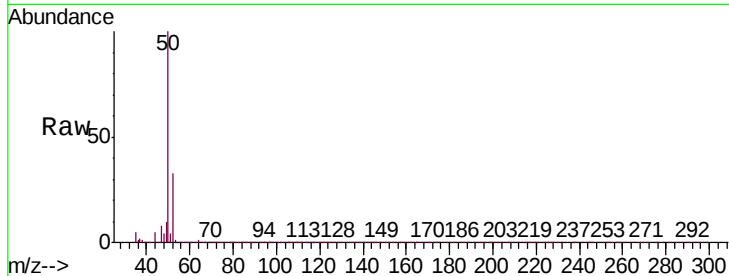
VX1211WBS01

Tgt Ion: 50 Resp: 160249

Ion Ratio Lower Upper

50 100

52 32.5 26.0 39.0



#4

Vinyl Chloride

Concen: 20.150 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013934.D

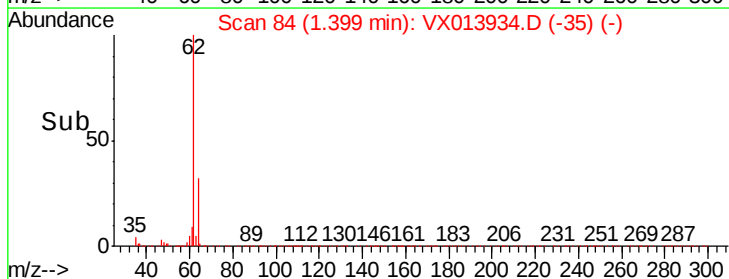
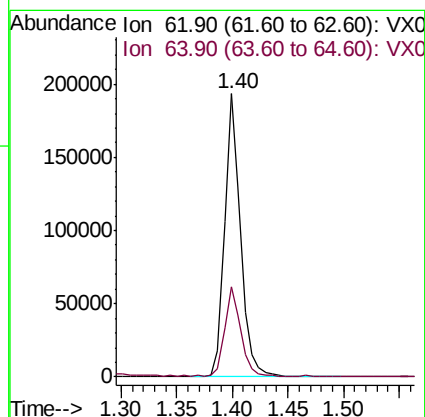
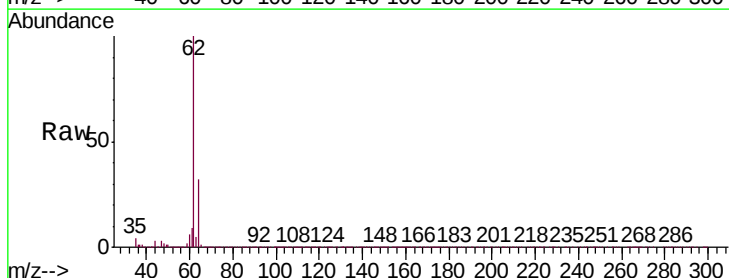
Acq: 11 Dec 2019 11:05

Tgt Ion: 62 Resp: 190160

Ion Ratio Lower Upper

62 100

64 31.4 26.0 39.0





#5

Bromomethane

Concen: 18.133 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

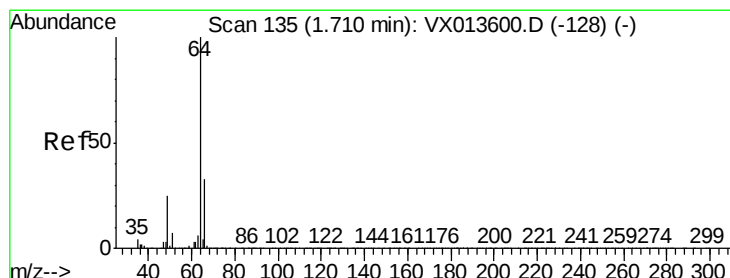
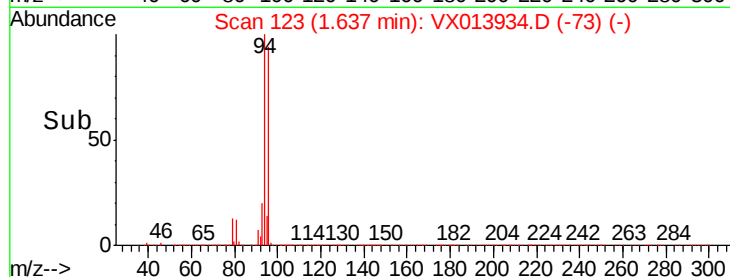
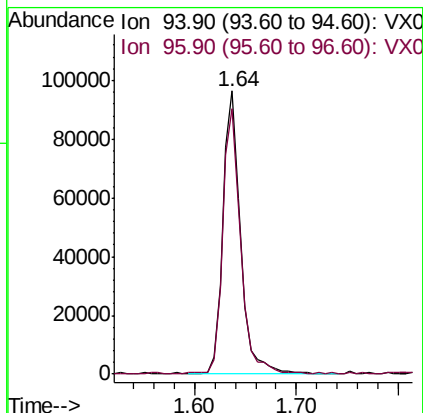
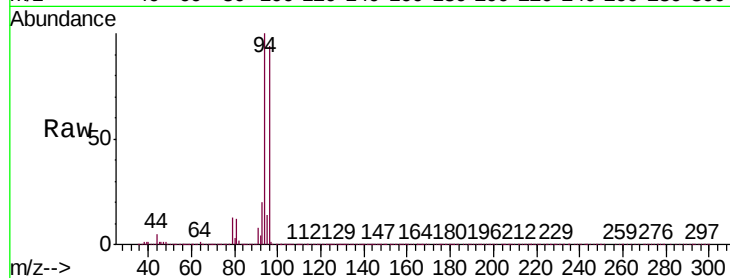
VX1211WBS01

Tgt Ion: 94 Resp: 114921

Ion Ratio Lower Upper

94 100

96 93.8 77.0 115.4



#6

Chloroethane

Concen: 19.939 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX013934.D

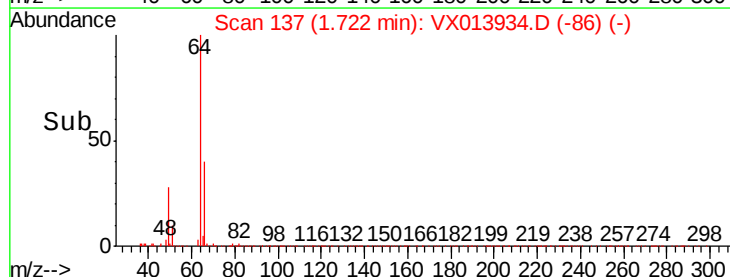
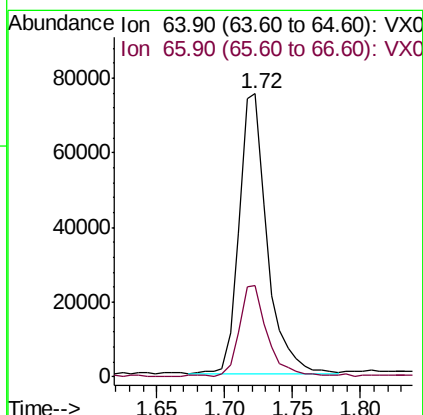
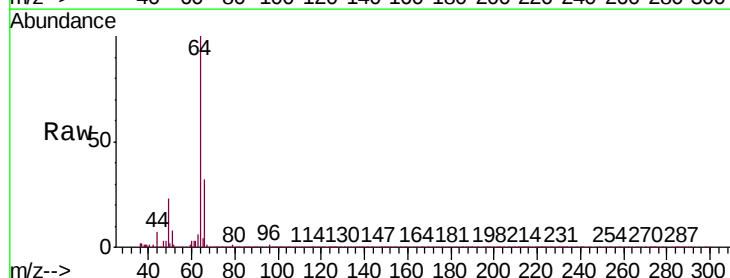
Acq: 11 Dec 2019 11:05

Tgt Ion: 64 Resp: 107072

Ion Ratio Lower Upper

64 100

66 32.2 26.7 40.1



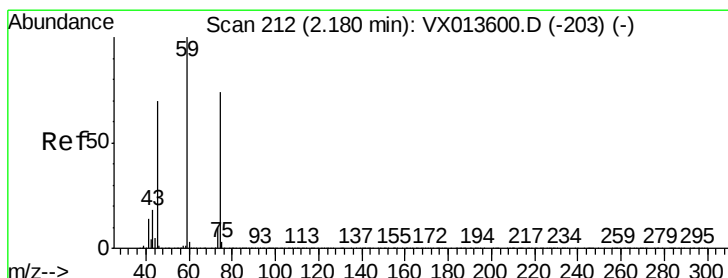
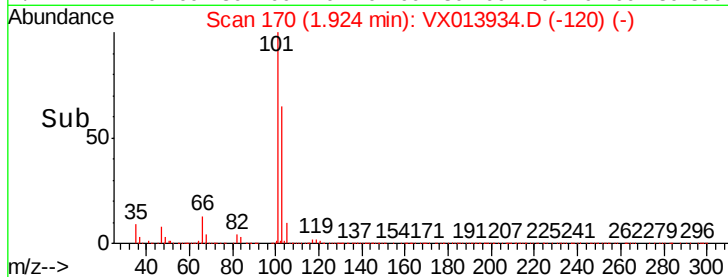
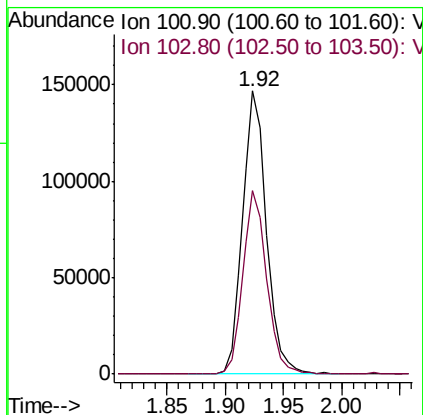
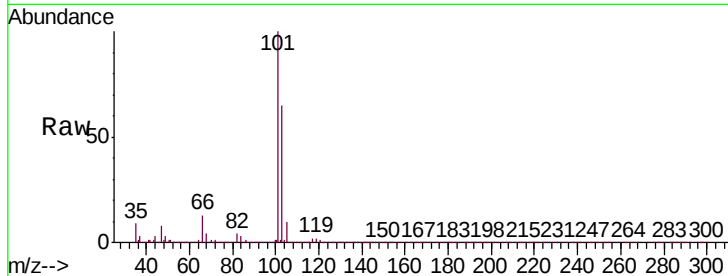


#7

Trichlorofluoromethane
 Concen: 20.156 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX013934.D
 Acq: 11 Dec 2019 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBS01

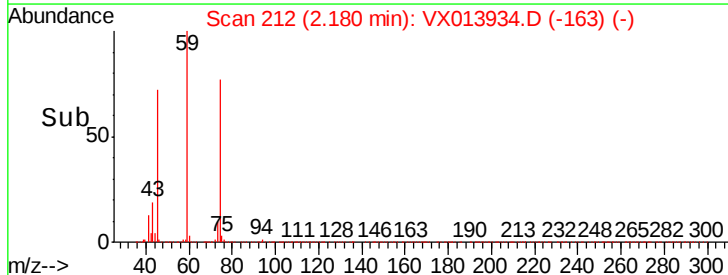
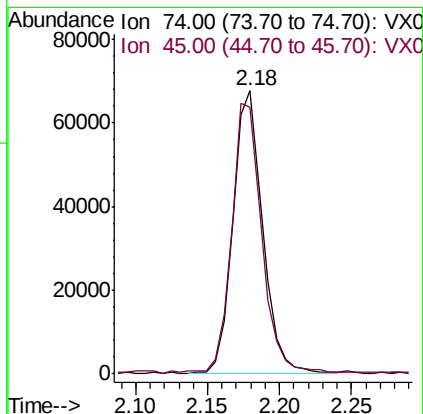
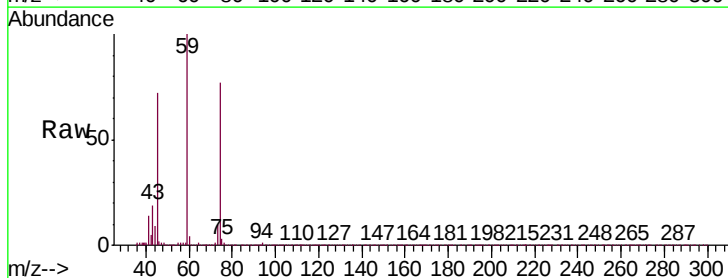
Tgt Ion: 101 Resp: 211210
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.8 77.6

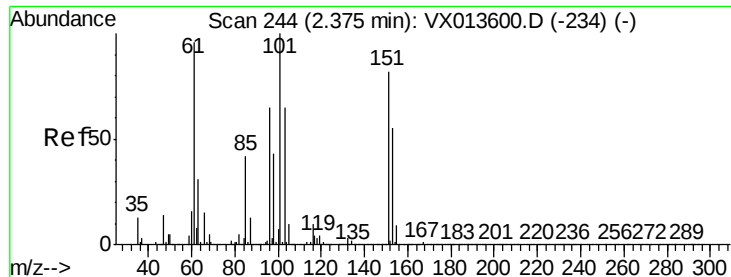


#8

Diethyl Ether
 Concen: 20.372 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX013934.D
 Acq: 11 Dec 2019 11:05

Tgt Ion: 74 Resp: 96579
 Ion Ratio Lower Upper
 74 100
 45 100.5 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.052 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS01

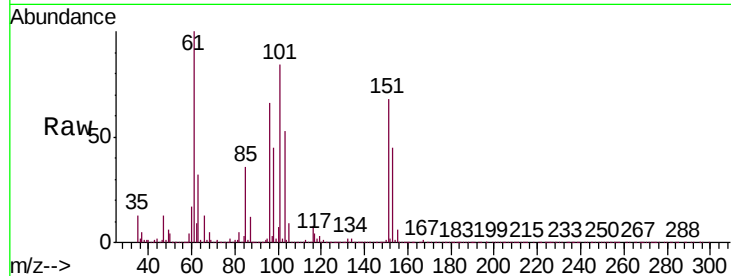
Tgt Ion:101 Resp: 134744

Ion Ratio Lower Upper

101 100

85 42.2 33.9 50.9

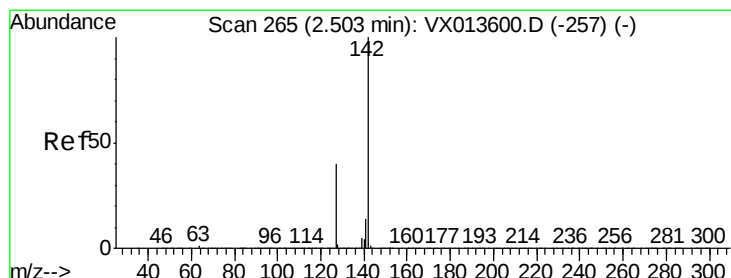
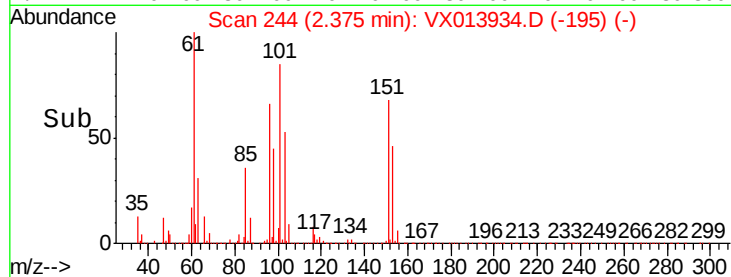
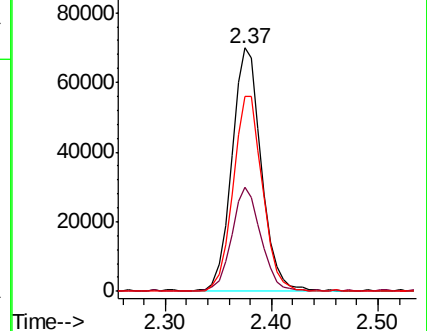
151 80.6 64.2 96.2



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: 15.246 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

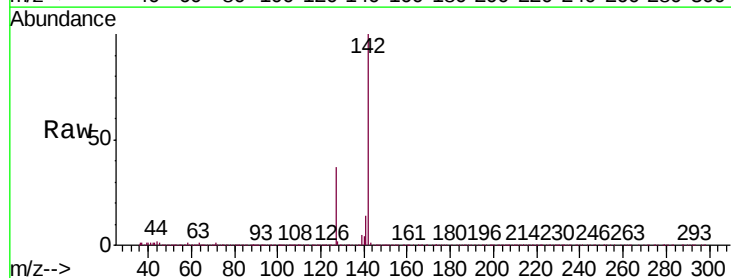
Tgt Ion:142 Resp: 118042

Ion Ratio Lower Upper

142 100

127 38.3 31.0 46.4

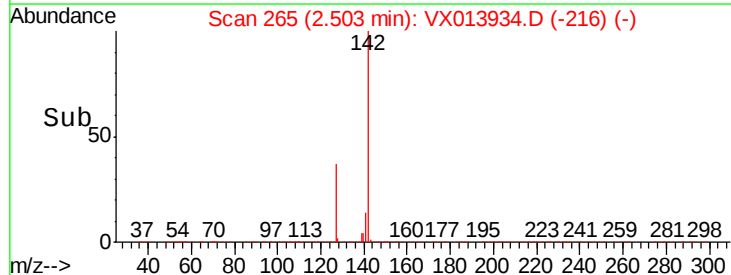
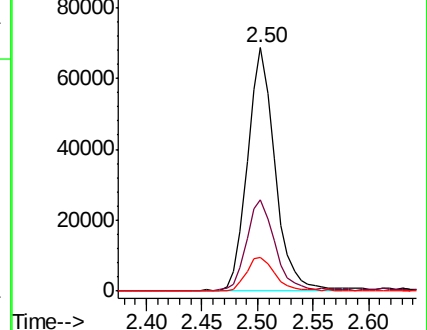
141 14.5 11.6 17.4



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

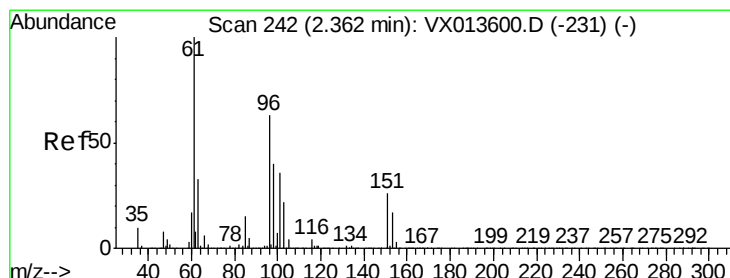
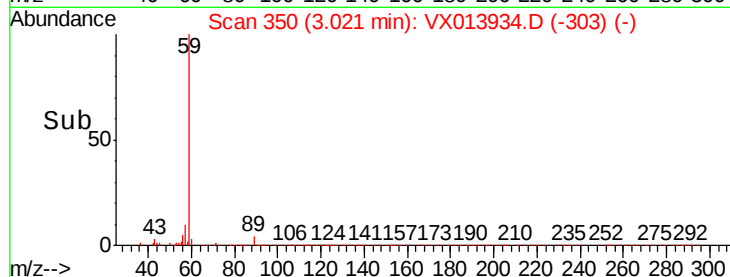
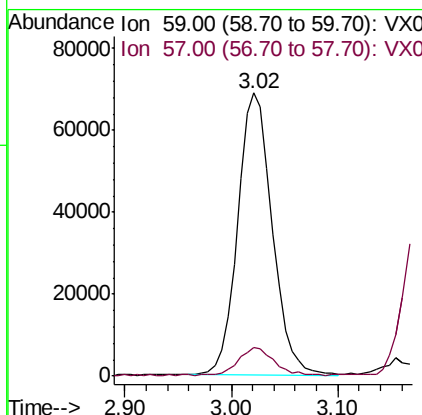
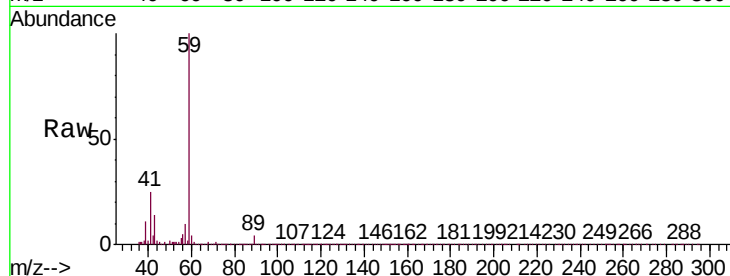




#11
Tert butyl alcohol
Concen: 81.485 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

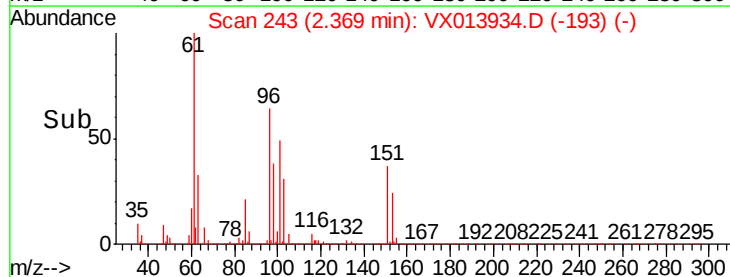
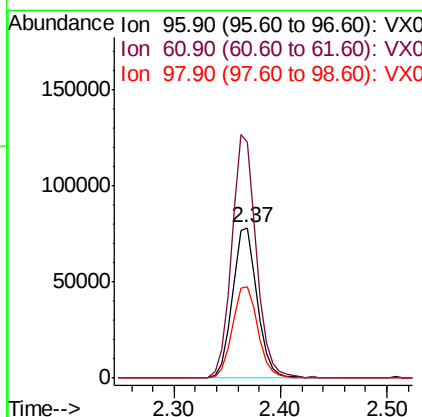
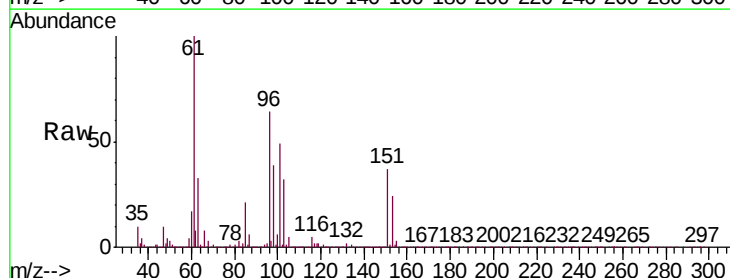
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS01

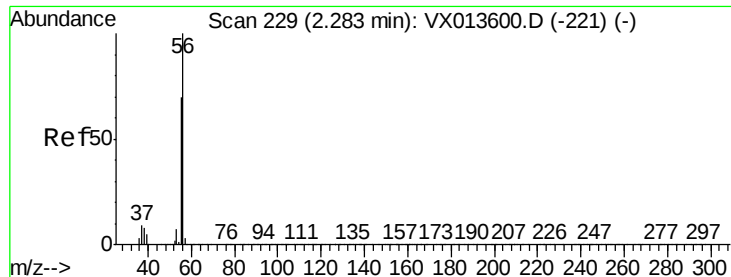
Tgt Ion: 59 Resp: 156737
Ion Ratio Lower Upper
59 100
57 9.8 7.8 11.6



#12
1,1-Dichloroethene
Concen: 19.995 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Tgt Ion: 96 Resp: 127745
Ion Ratio Lower Upper
96 100
61 156.2 126.6 190.0
98 60.4 50.6 76.0

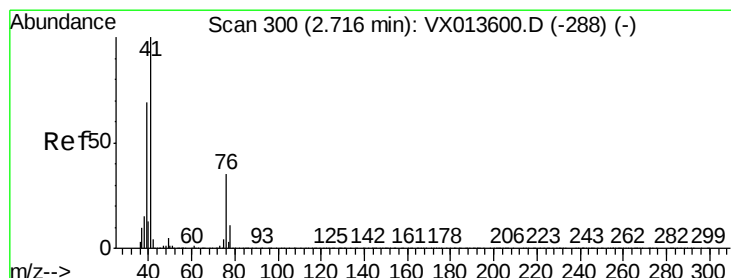
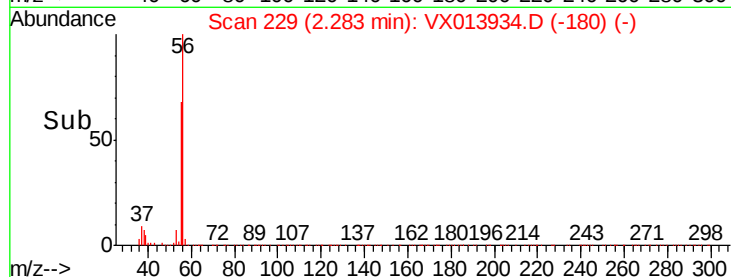
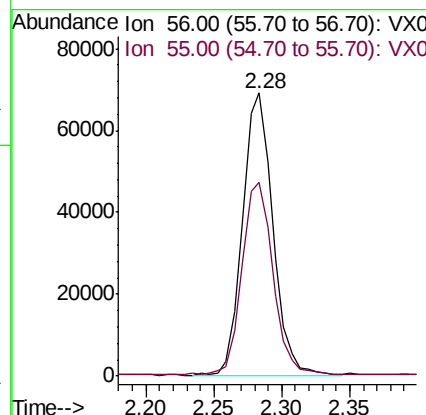
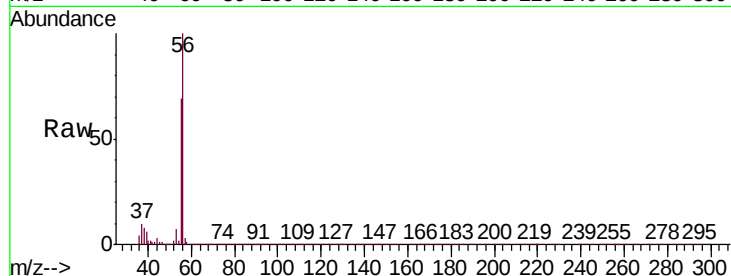




#13
Acrolein
Concen: 87.295 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

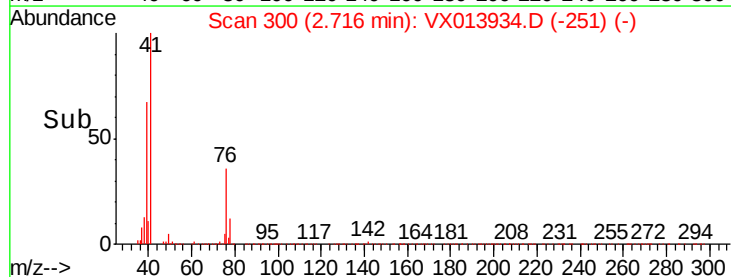
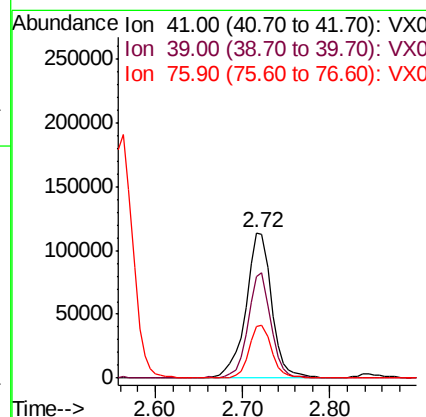
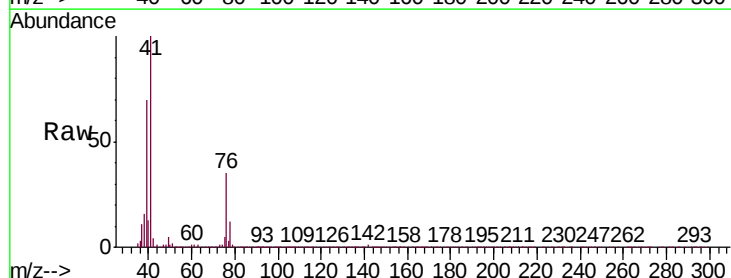
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS01

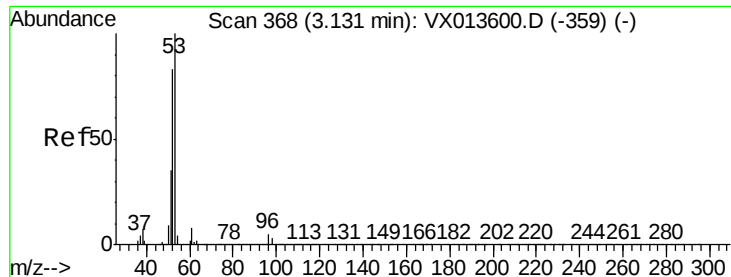
Tgt Ion: 56 Resp: 107144
Ion Ratio Lower Upper
56 100
55 70.1 56.2 84.4



#14
Allyl chloride
Concen: 19.952 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Tgt Ion: 41 Resp: 231326
Ion Ratio Lower Upper
41 100
39 63.8 51.7 77.5
76 31.9 25.9 38.9





#15

Acrylonitrile

Concen: 98.979 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS01

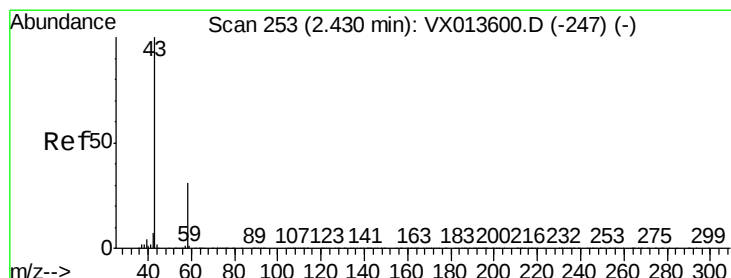
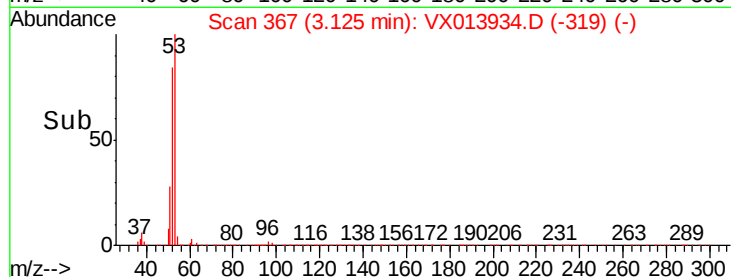
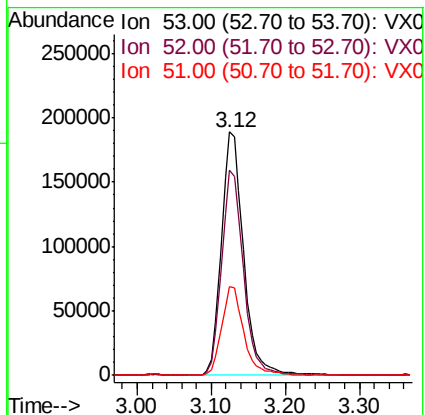
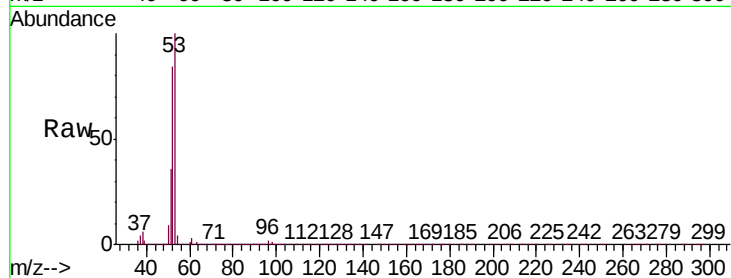
Tgt Ion: 53 Resp: 392990

Ion Ratio Lower Upper

53 100

52 82.0 66.2 99.2

51 36.0 29.0 43.6



#16

Acetone

Concen: 112.661 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013934.D

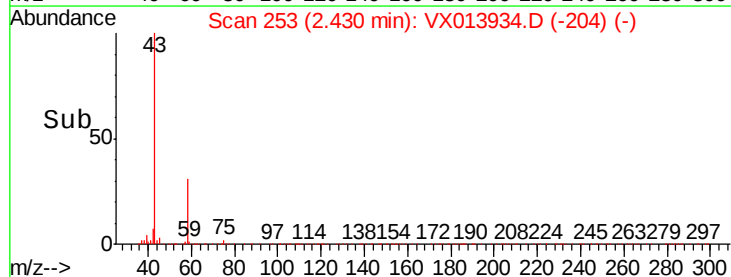
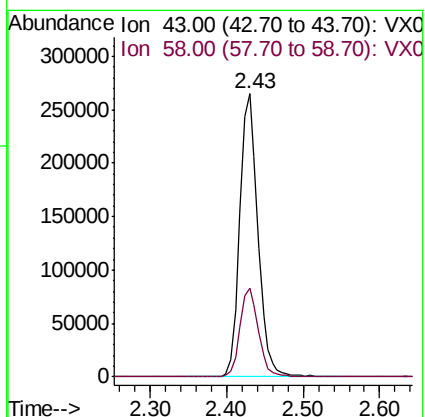
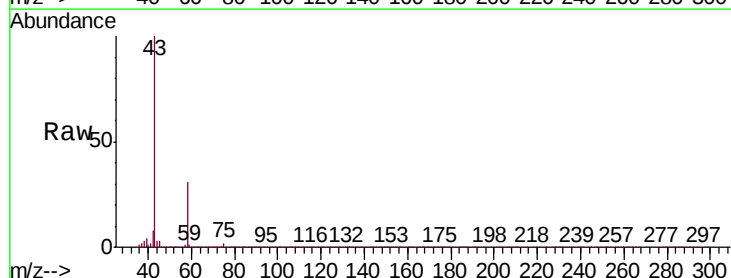
Acq: 11 Dec 2019 11:05

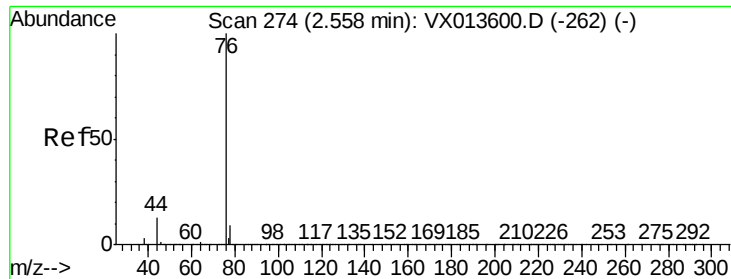
Tgt Ion: 43 Resp: 433448

Ion Ratio Lower Upper

43 100

58 31.3 24.6 36.8

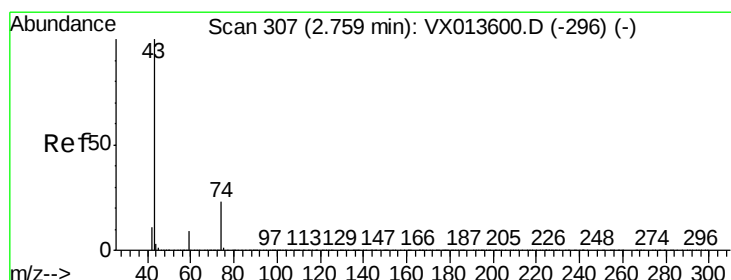
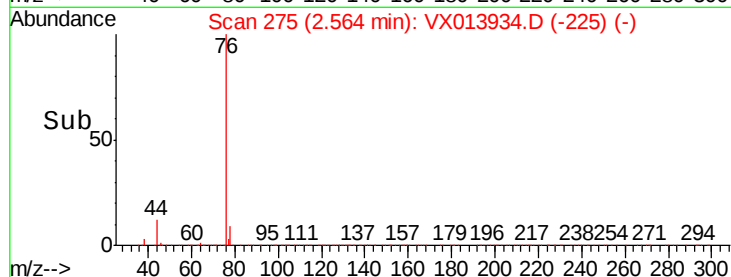
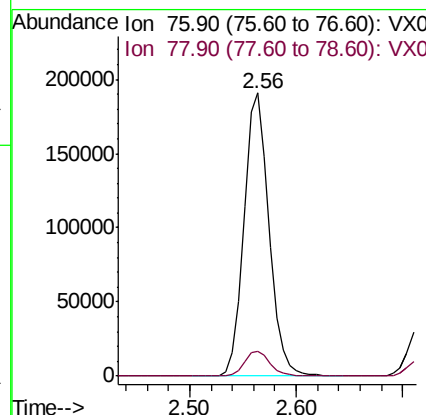
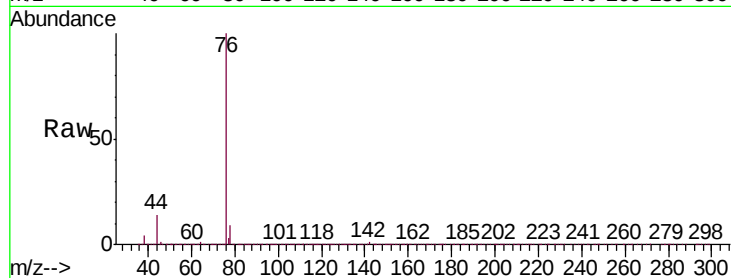




#17
Carbon Disulfide
Concen: 17.246 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

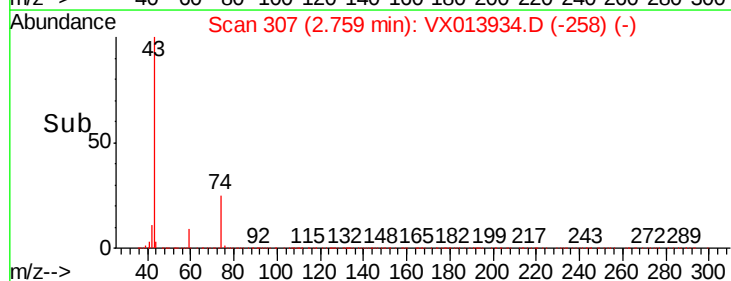
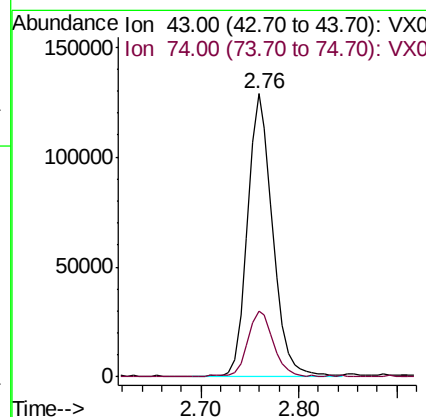
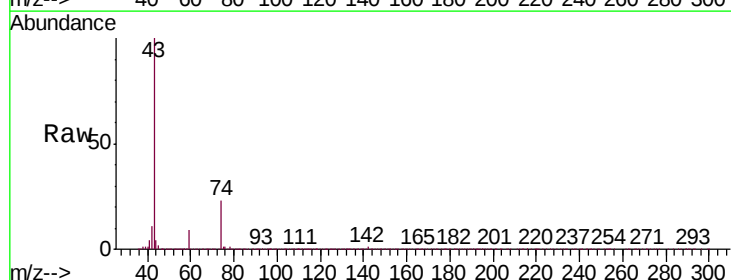
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS01

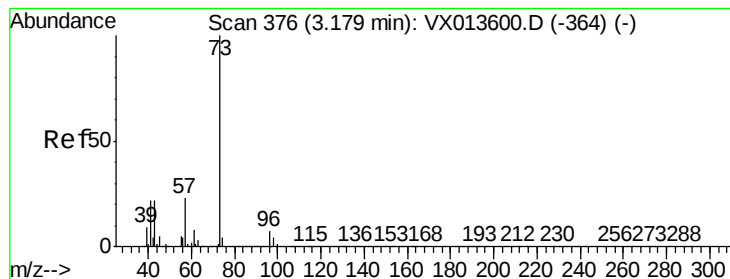
Tgt Ion: 76 Resp: 314103
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#18
Methyl Acetate
Concen: 21.200 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Tgt Ion: 43 Resp: 227129
Ion Ratio Lower Upper
43 100
74 23.8 19.5 29.3



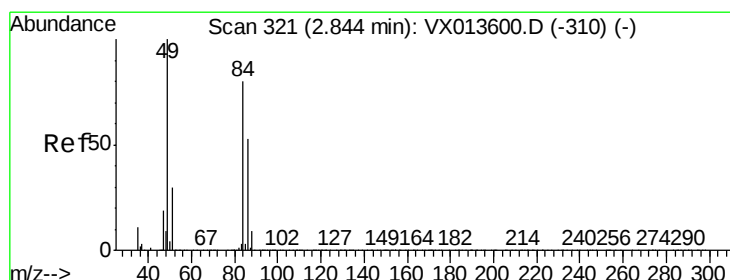
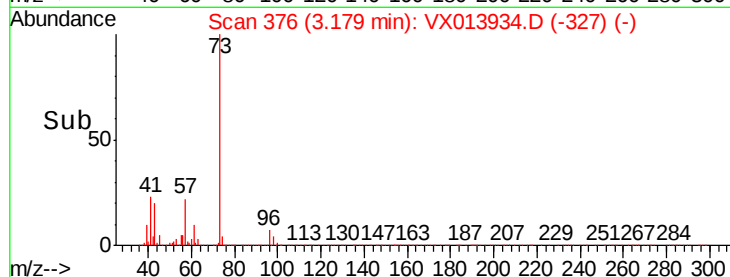
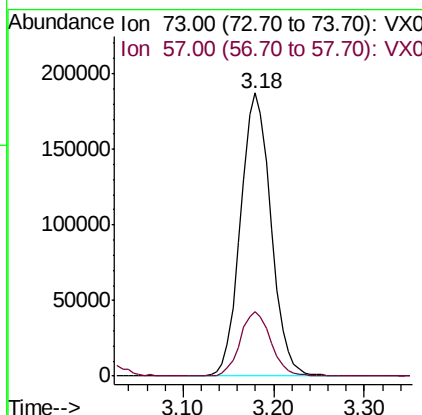
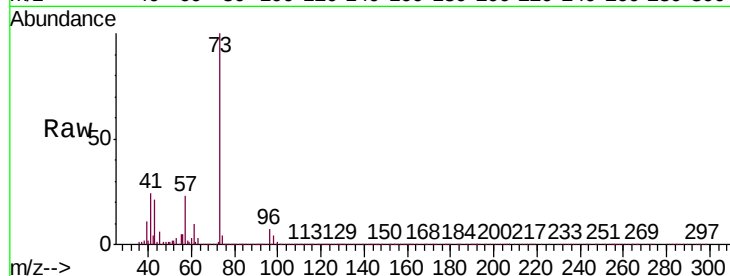


#19

Methyl tert-butyl Ether
 Concen: 20.543 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VX013934.D
 Acq: 11 Dec 2019 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBS01

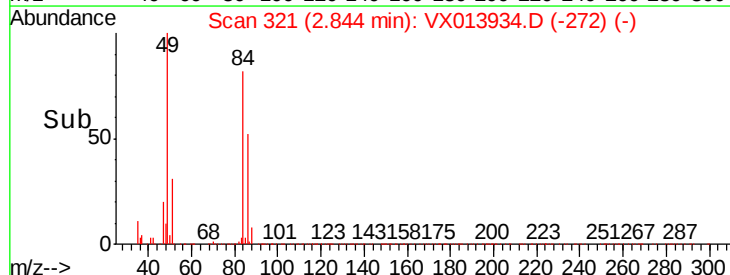
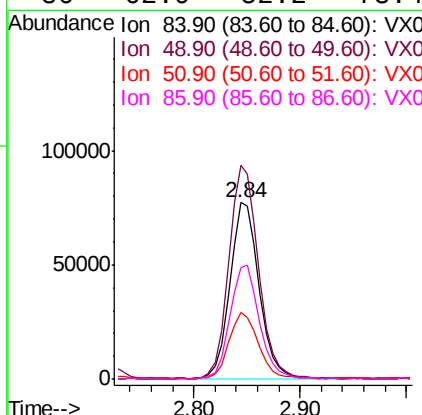
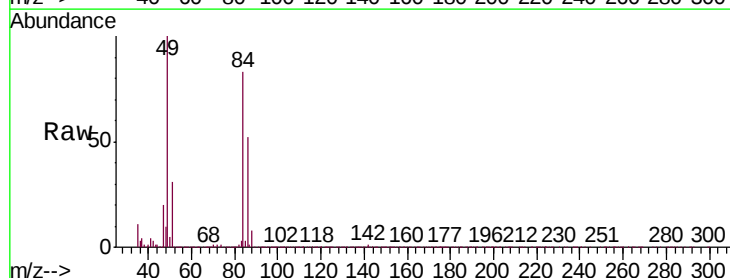
Tgt Ion: 73 Resp: 434802
 Ion Ratio Lower Upper
 73 100
 57 22.5 18.3 27.5

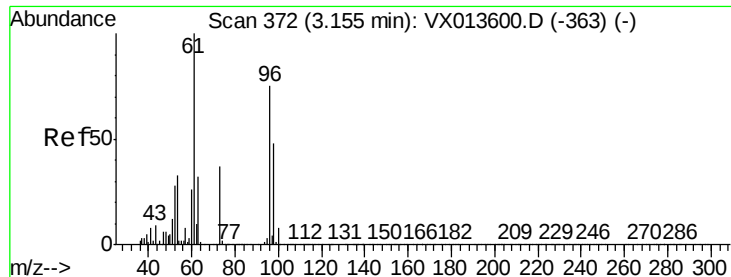


#20

Methylene Chloride
 Concen: 20.165 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX013934.D
 Acq: 11 Dec 2019 11:05

Tgt Ion: 84 Resp: 149051
 Ion Ratio Lower Upper
 84 100
 49 121.0 99.7 149.5
 51 37.7 29.9 44.9
 86 62.9 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 19.702 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS01

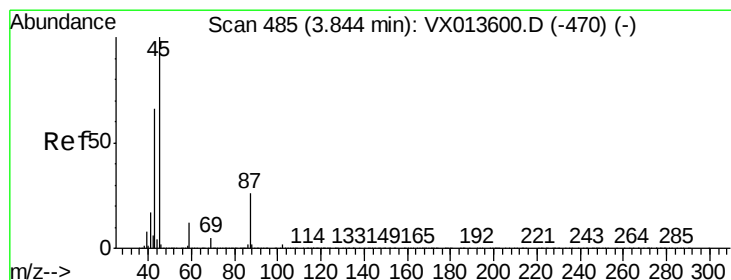
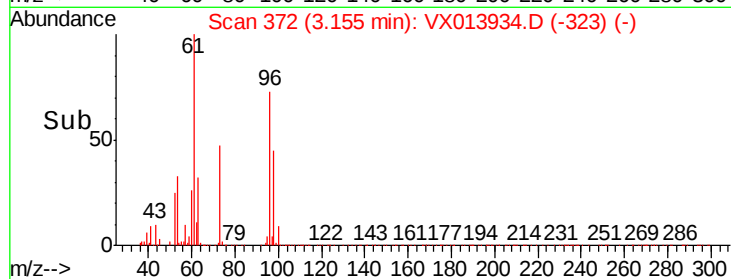
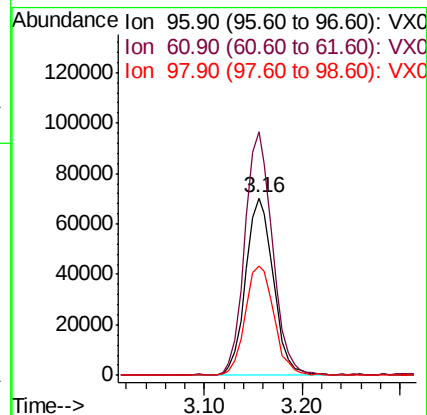
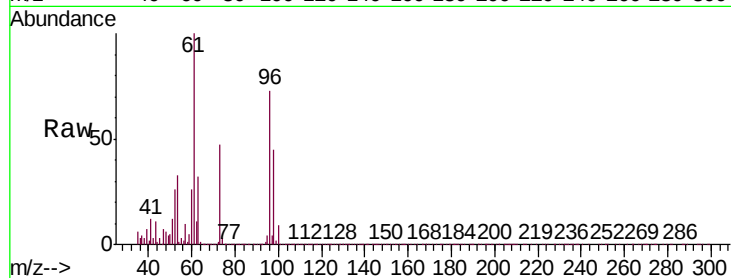
Tgt Ion: 96 Resp: 137130

Ion Ratio Lower Upper

96 100

61 137.2 107.2 160.8

98 61.4 51.4 77.0



#22

Diisopropyl ether

Concen: 21.385 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Tgt Ion: 45 Resp: 477424

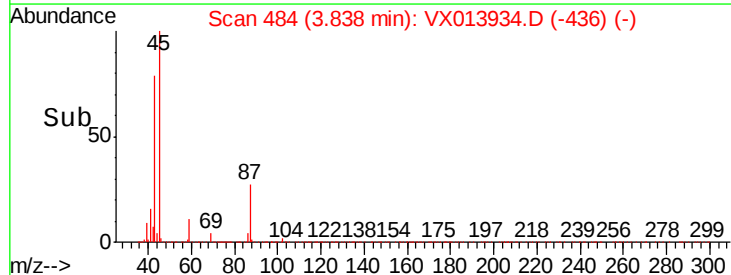
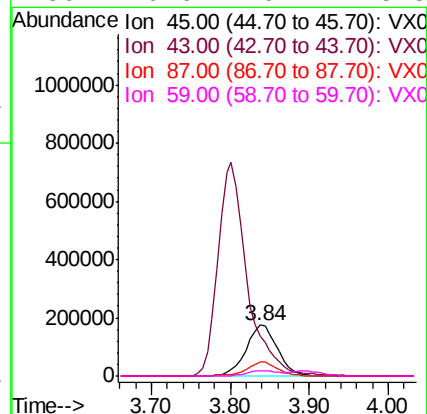
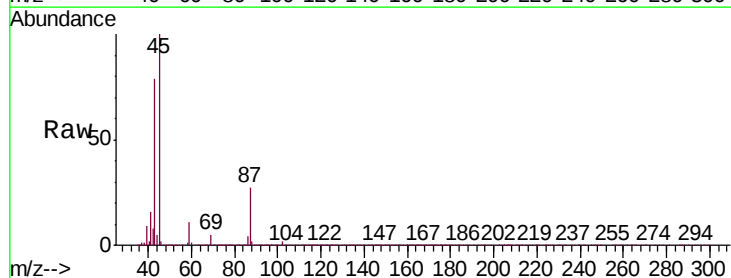
Ion Ratio Lower Upper

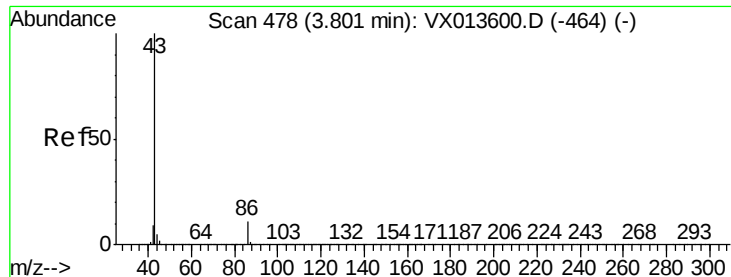
45 100

43 78.8 52.6 79.0

87 26.9 21.1 31.7

59 10.6 9.2 13.8





#23

Vinyl Acetate

Concen: 102.072 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

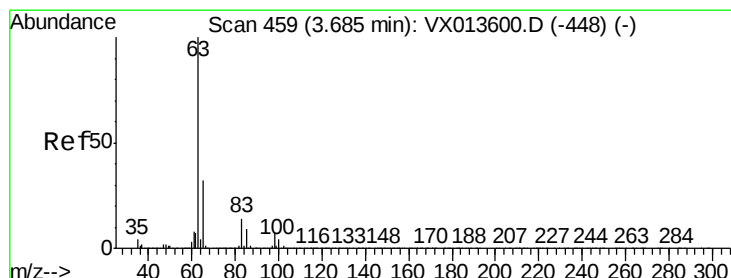
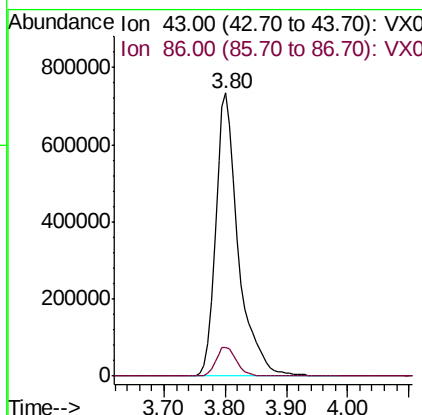
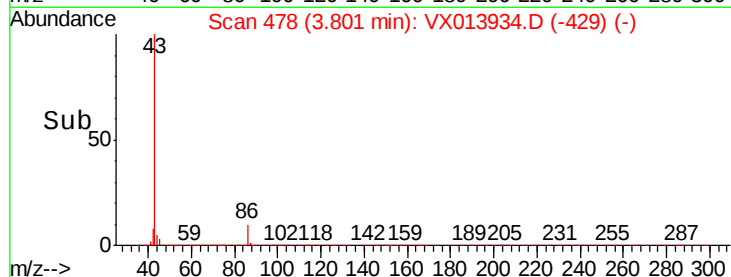
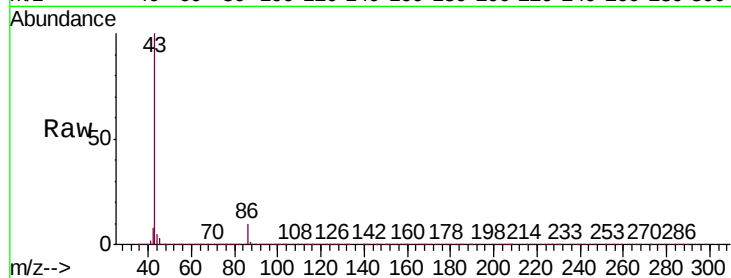
VX1211WBS01

Tgt Ion: 43 Resp: 1895712

Ion Ratio Lower Upper

43 100

86 10.3 8.7 13.1



#24

1,1-Dichloroethane

Concen: 21.079 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

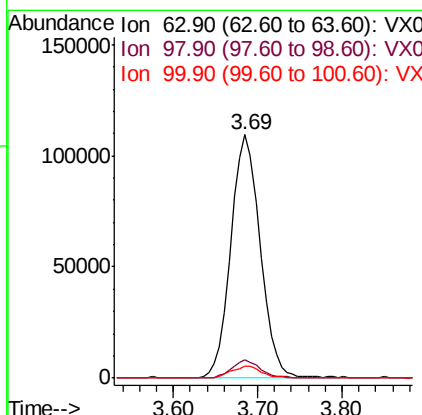
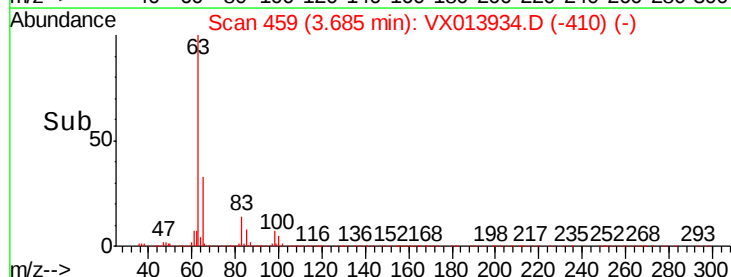
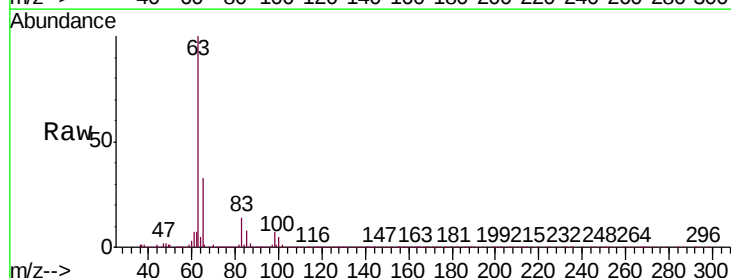
Tgt Ion: 63 Resp: 257255

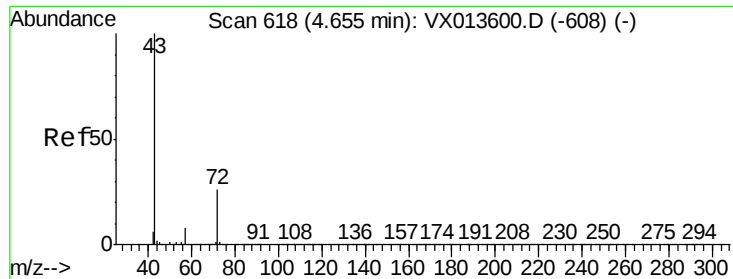
Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

100 4.6 2.1 6.3





#25

2-Butanone

Concen: 102.002 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

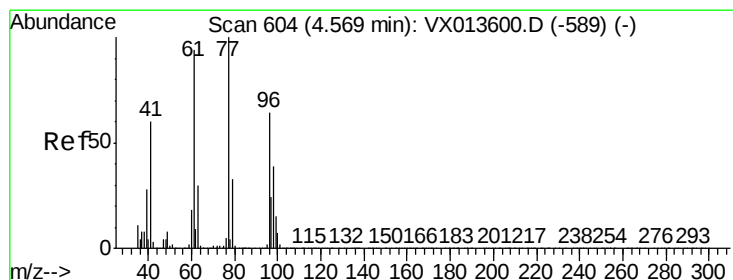
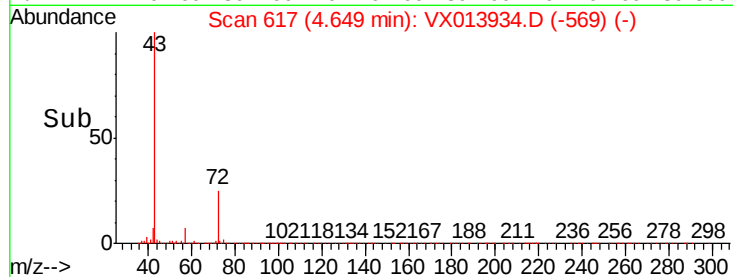
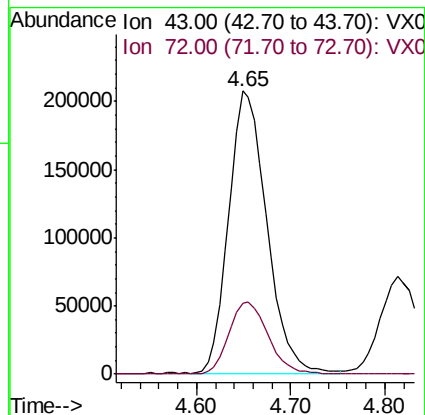
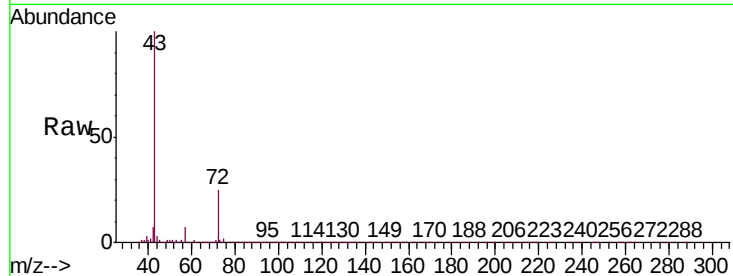
VX1211WBS01

Tgt Ion: 43 Resp: 583239

Ion Ratio Lower Upper

43 100

72 24.8 20.6 31.0



#26

2,2-Dichloropropane

Concen: 20.176 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013934.D

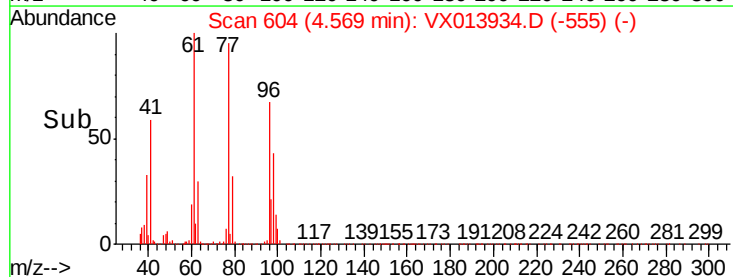
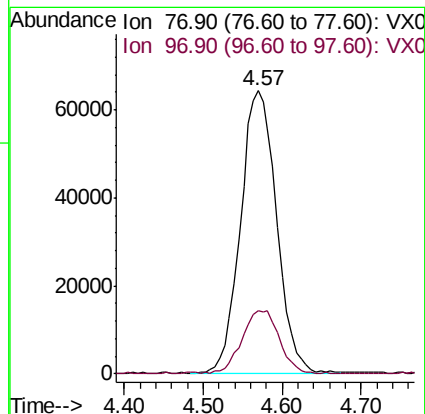
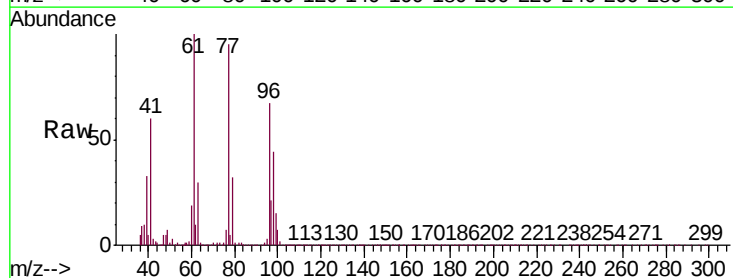
Acq: 11 Dec 2019 11:05

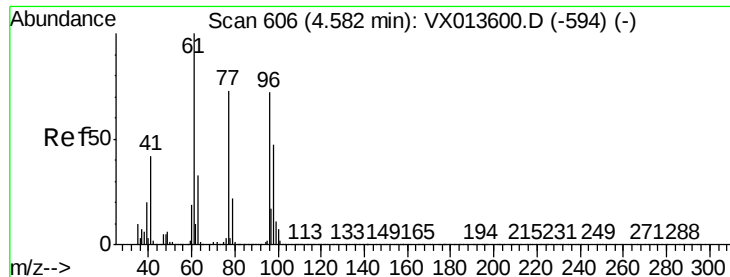
Tgt Ion: 77 Resp: 203730

Ion Ratio Lower Upper

77 100

97 23.4 12.0 36.1



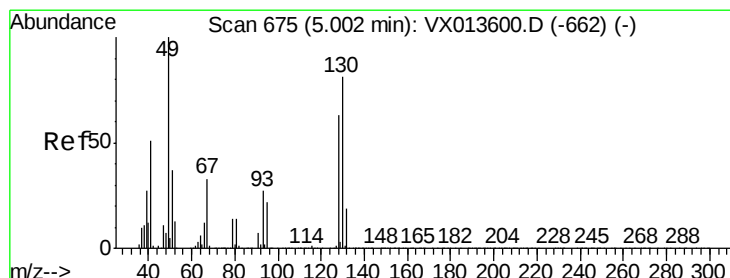
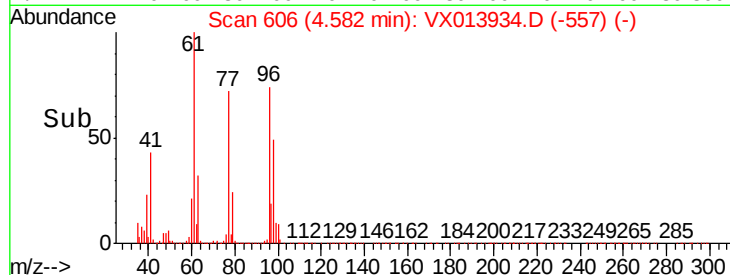
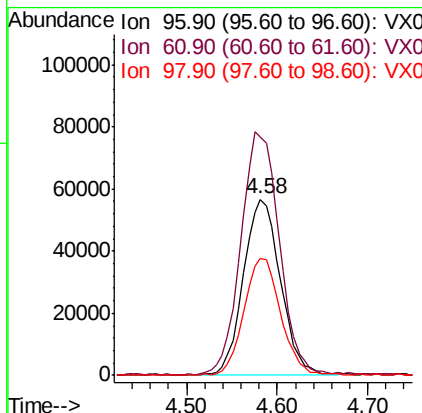
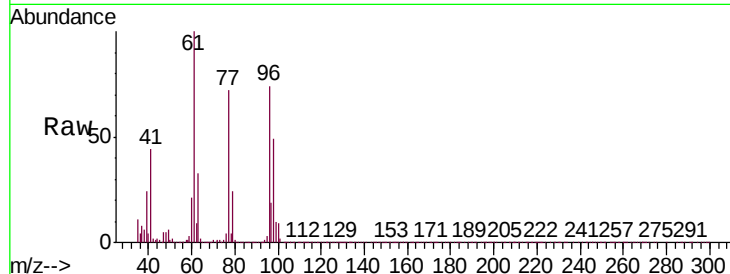


#27

cis-1,2-Dichloroethene
Concen: 19.956 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS01

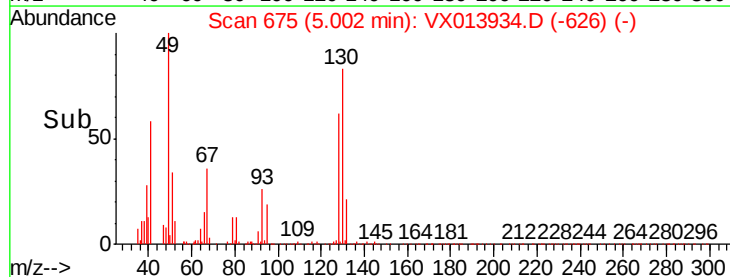
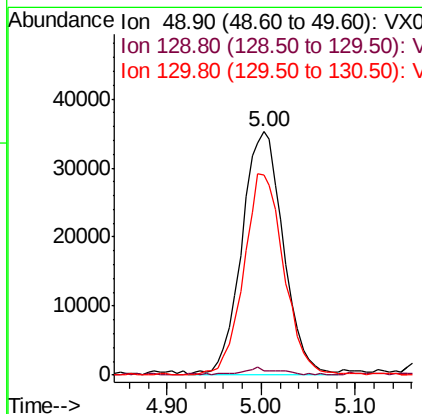
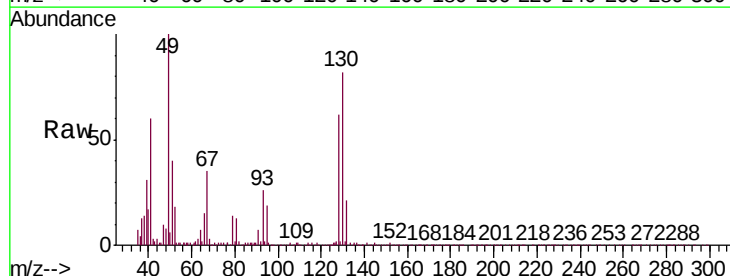
Tgt Ion	Ratio	Lower	Upper
96	100		
61	144.9	0.0	286.4
98	65.9	0.0	127.4

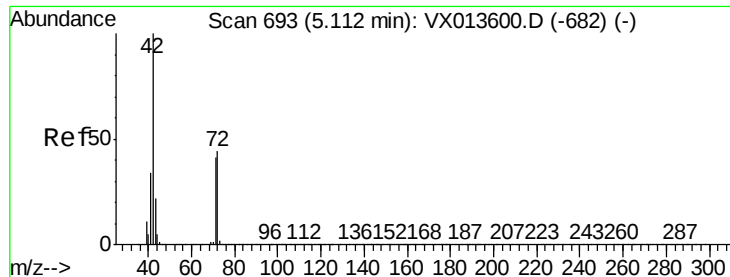


#28

Bromochloromethane
Concen: 22.511 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	79.1	65.4	98.0





#29

Tetrahydrofuran

Concen: 97.338 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

ClientSampled :

VX1211WBS01

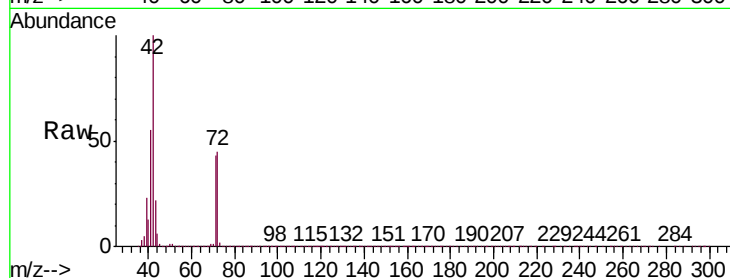
Tgt Ion: 42 Resp: 343107

Ion Ratio Lower Upper

42 100

72 44.6 36.3 54.5

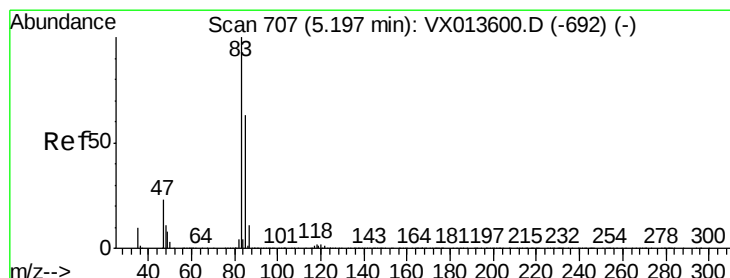
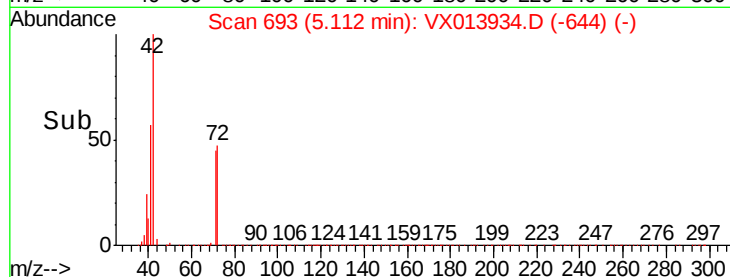
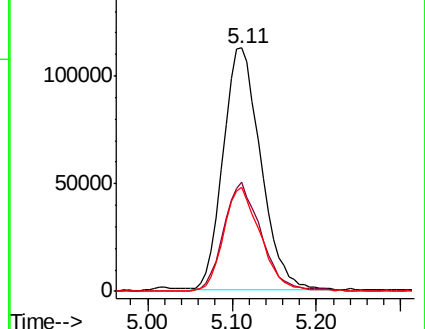
71 42.2 33.2 49.8



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: 20.325 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX013934.D

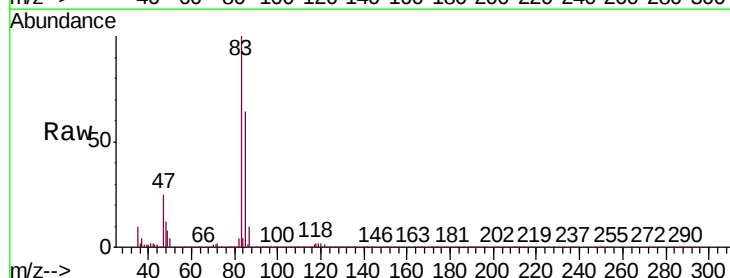
Acq: 11 Dec 2019 11:05

Tgt Ion: 83 Resp: 251563

Ion Ratio Lower Upper

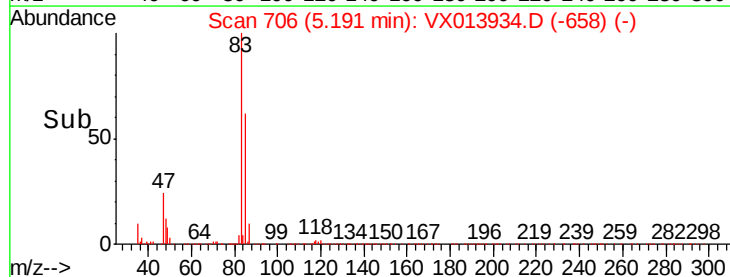
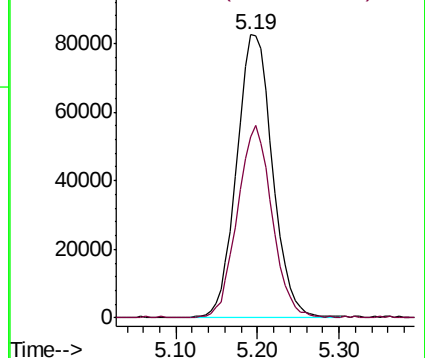
83 100

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

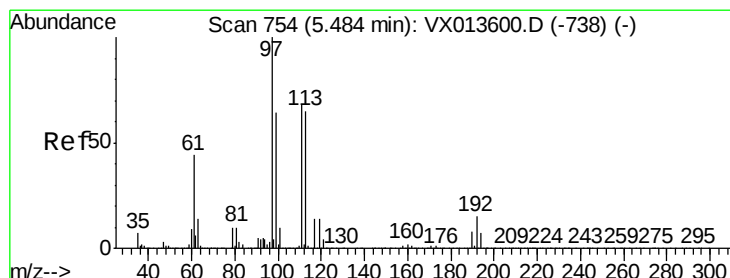
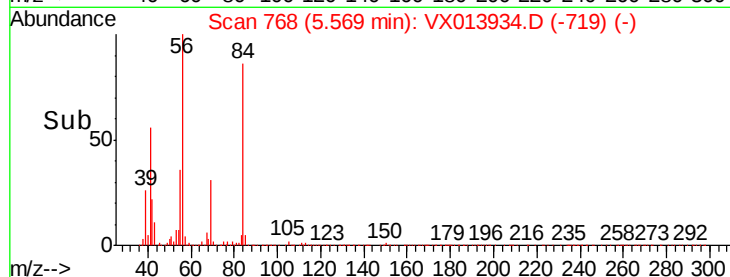
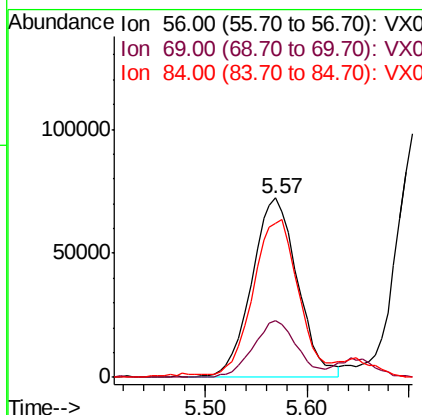
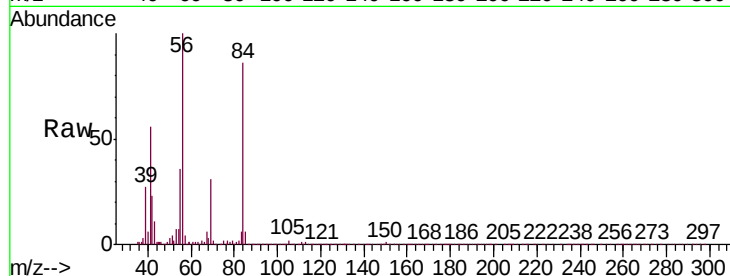




#31
Cyclohexane
Concen: 19.383 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

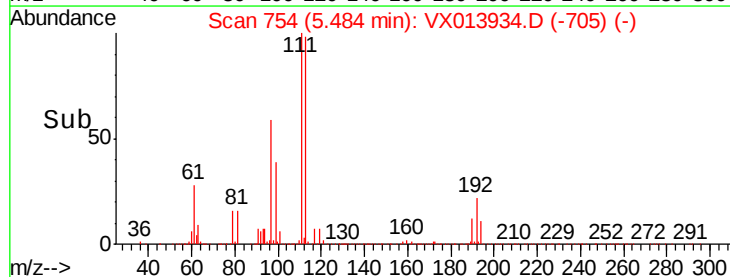
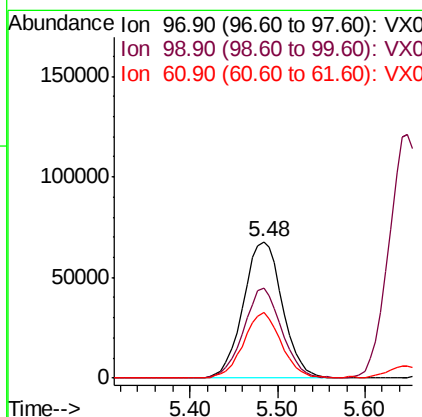
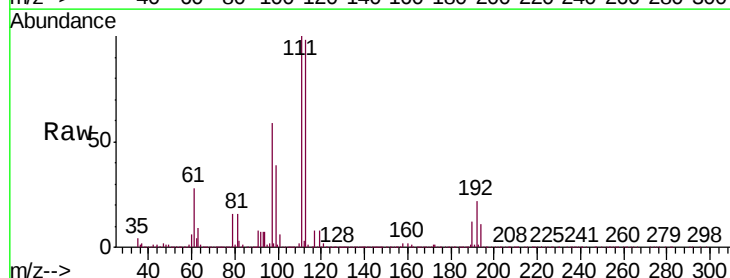
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS01

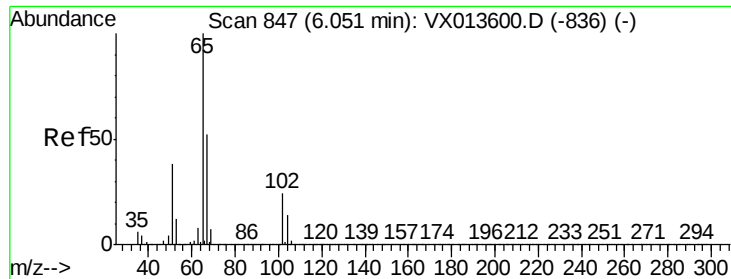
Tgt Ion: 56 Resp: 223122
Ion Ratio Lower Upper
56 100
69 31.1 24.6 36.8
84 84.4 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 20.290 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Tgt Ion: 97 Resp: 209861
Ion Ratio Lower Upper
97 100
99 64.3 51.6 77.4
61 45.6 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 48.177 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

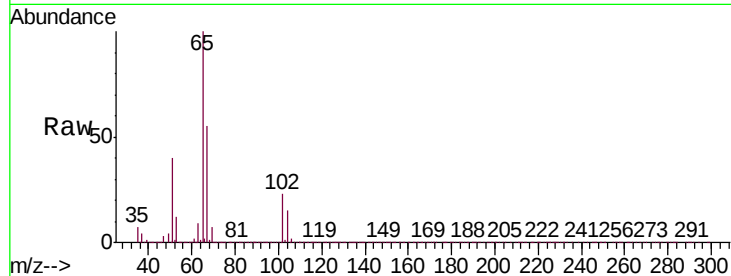
VX1211WBS01

Tgt Ion: 65 Resp: 375430

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

150000

100000

50000

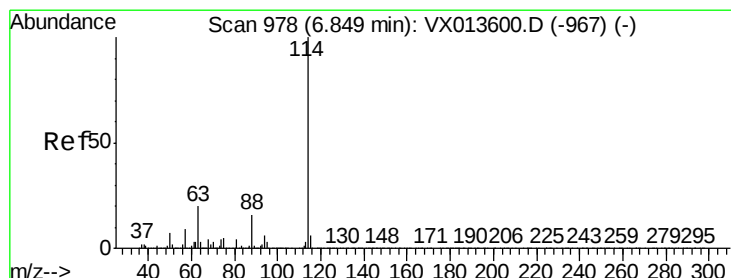
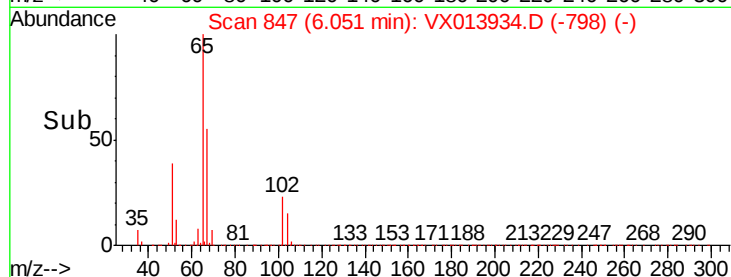
0

6.05

6.10

6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

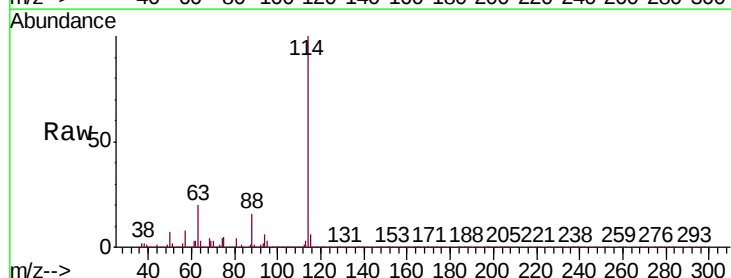
Tgt Ion: 114 Resp: 1005612

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

88 15.8 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

500000

400000

300000

200000

100000

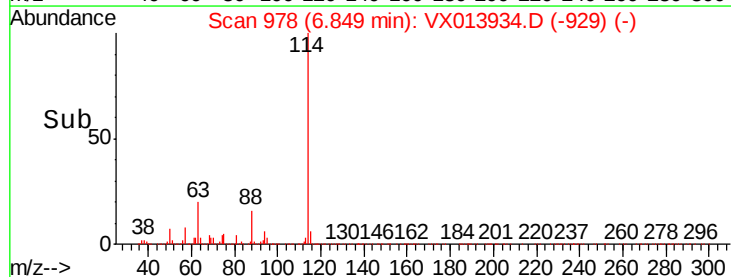
0

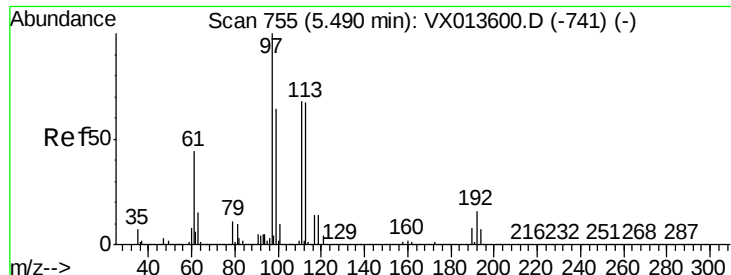
6.85

6.90

7.00

Time-->





#35

Dibromofluoromethane

Concen: 50.468 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS01

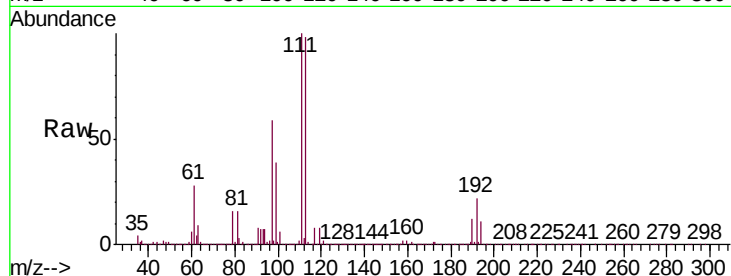
Tgt Ion:113 Resp: 313749

Ion Ratio Lower Upper

113 100

111 102.5 83.6 125.4

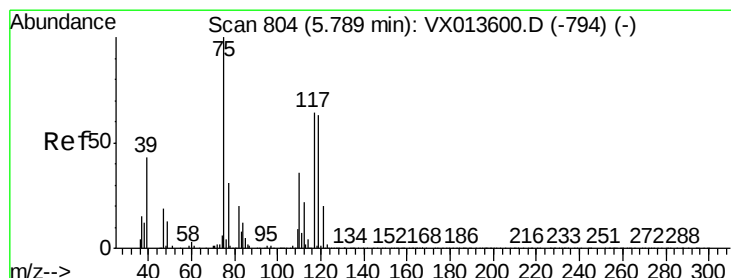
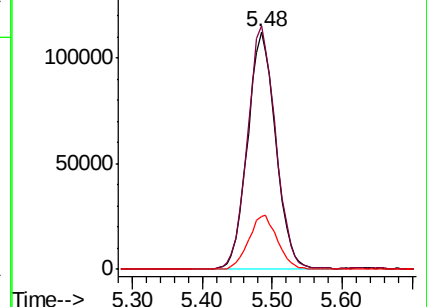
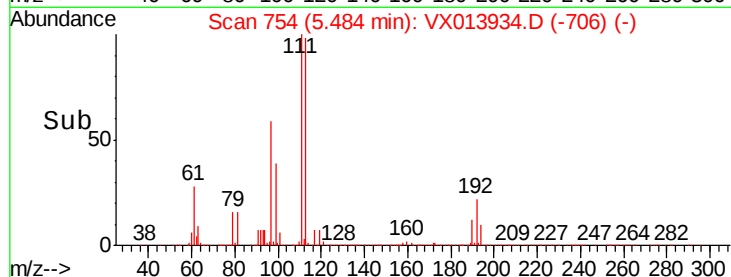
192 23.3 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.663 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

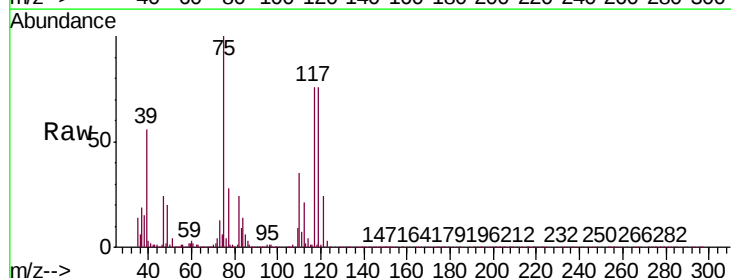
Tgt Ion: 75 Resp: 188618

Ion Ratio Lower Upper

75 100

110 36.2 18.1 54.1

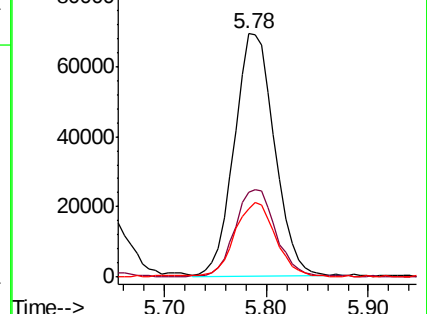
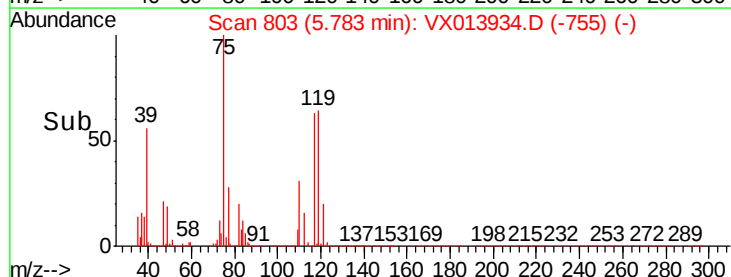
77 30.5 24.5 36.7

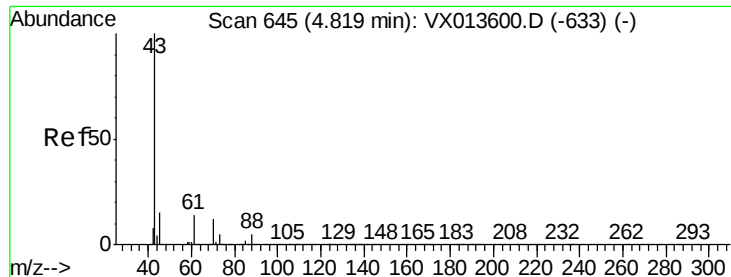


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

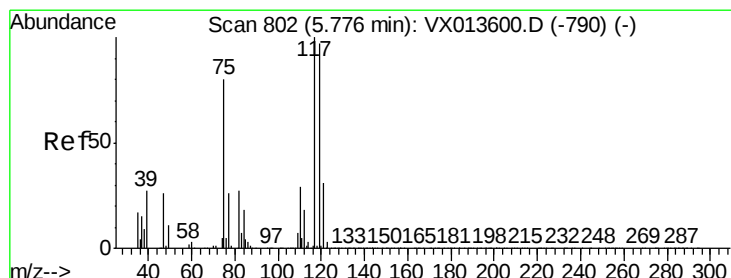
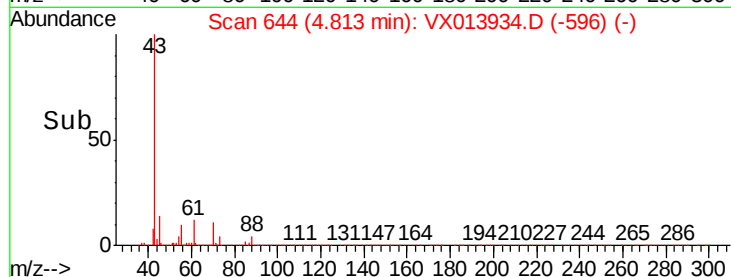
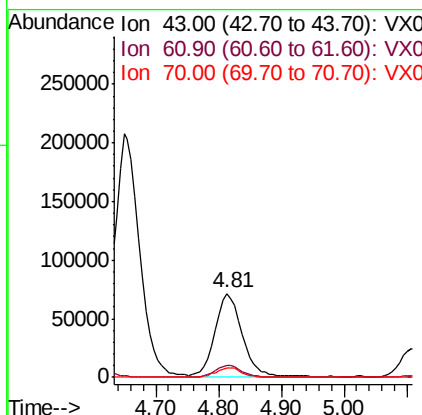
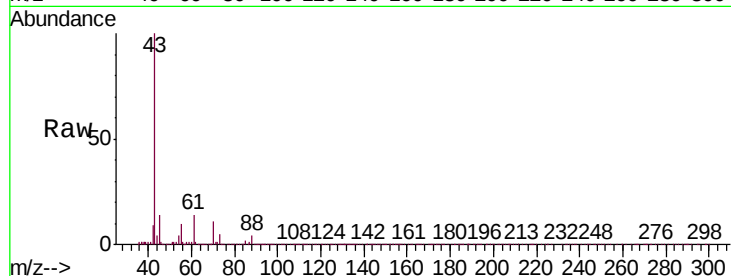




#37
Ethyl Acetate
Concen: 20.877 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

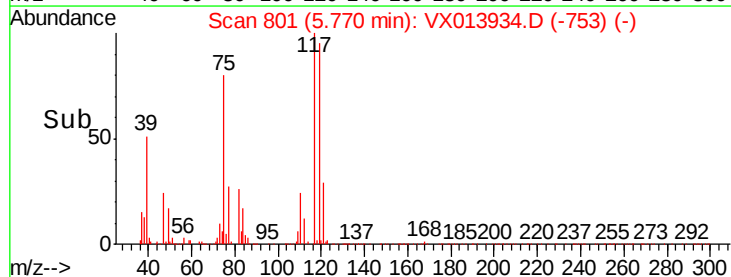
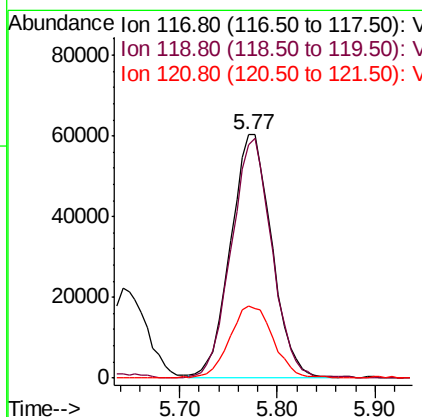
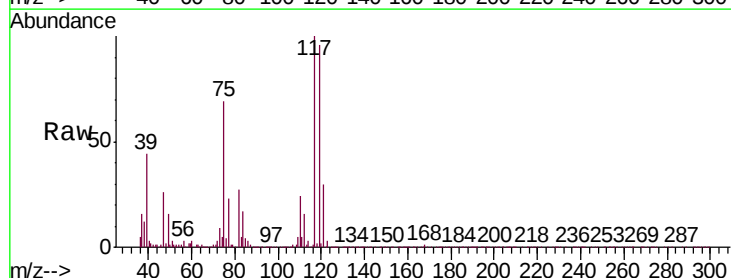
Instrument :
MSVOA_X
ClientSampled :
VX1211WBS01

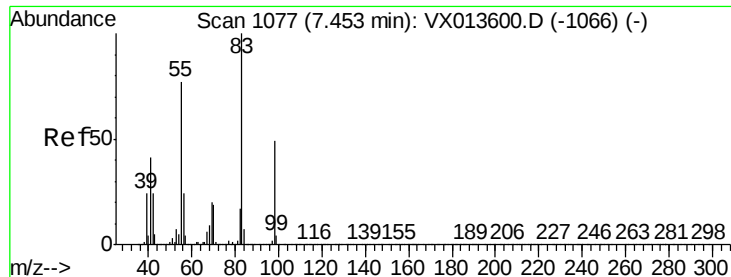
Tgt Ion: 43 Resp: 213792
Ion Ratio Lower Upper
43 100
61 13.1 11.0 16.4
70 10.4 8.6 12.8



#38
Carbon Tetrachloride
Concen: 20.845 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Tgt Ion: 117 Resp: 175459
Ion Ratio Lower Upper
117 100
119 95.4 77.5 116.3
121 29.7 25.0 37.6

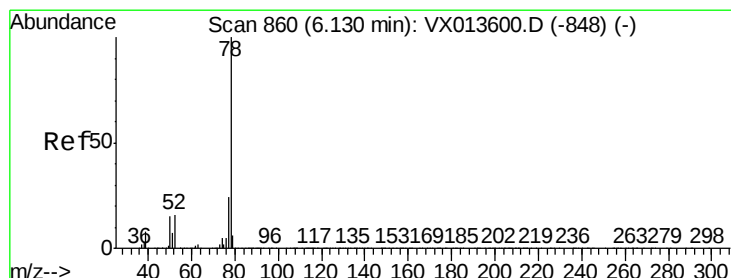
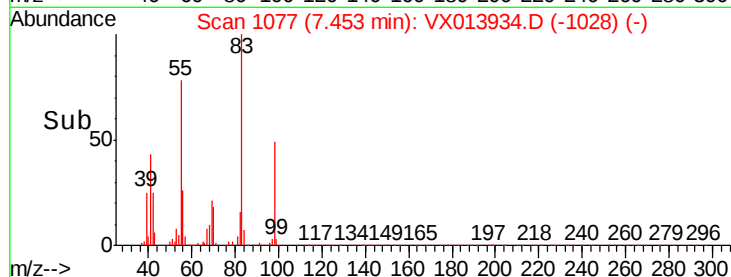
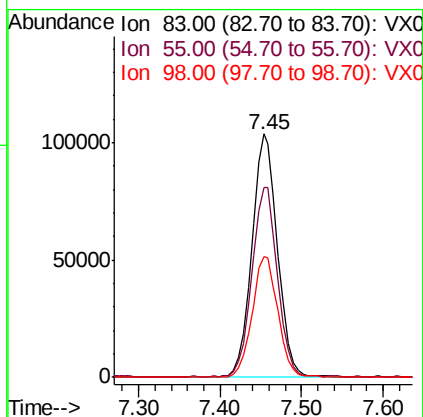
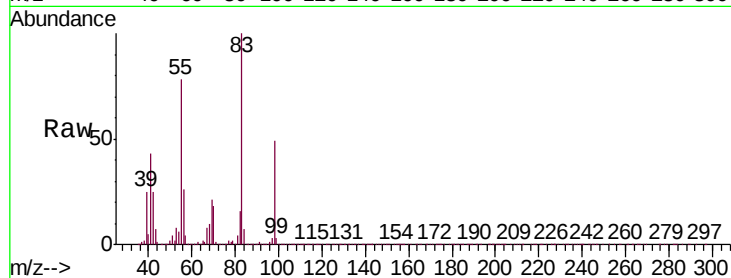




#39
Methylcyclohexane
Concen: 20.158 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

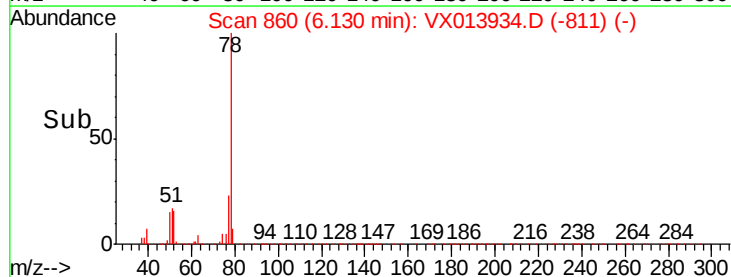
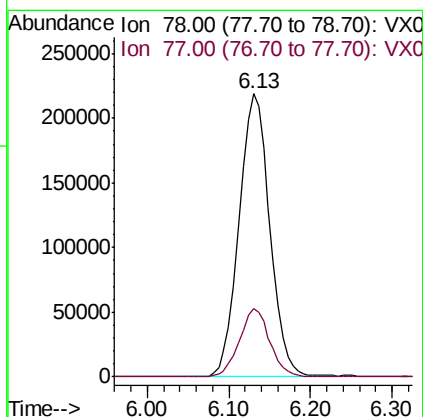
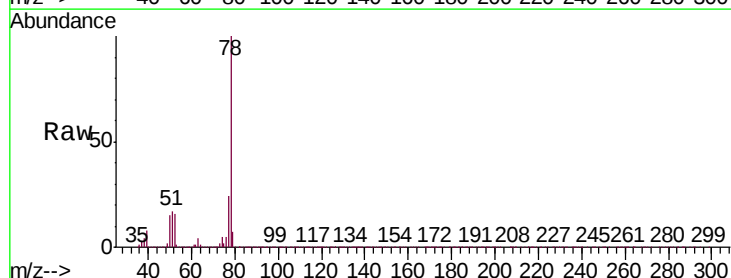
Instrument :
MSVOA_X
ClientSampled :
VX1211WBS01

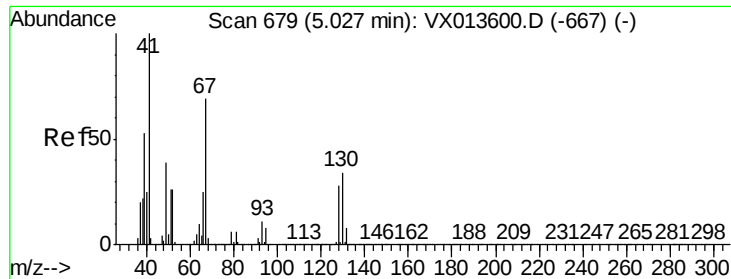
Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.7	61.9	92.9
98	49.2	39.4	59.0



#40
Benzene
Concen: 20.545 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.4

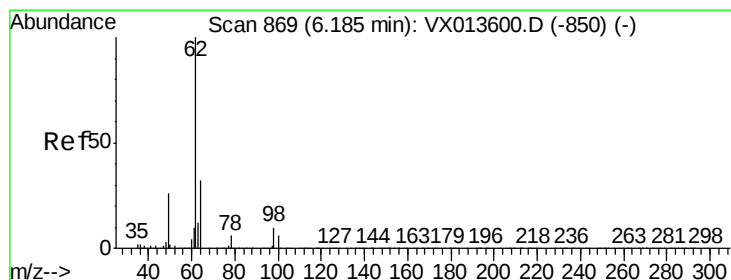
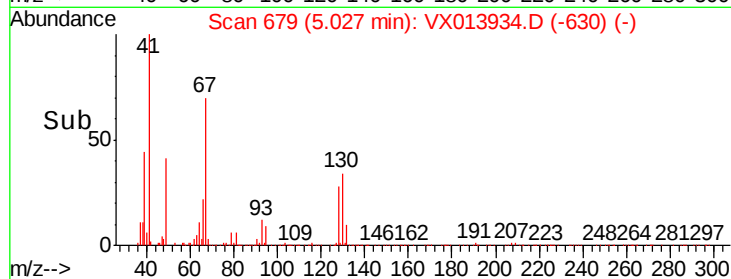
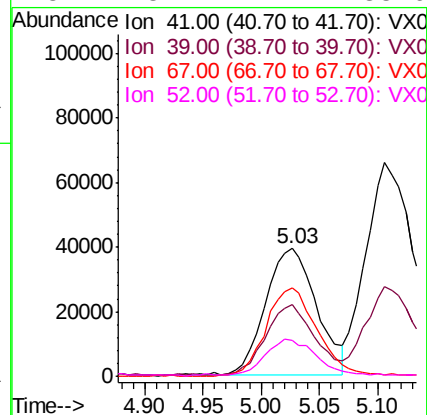
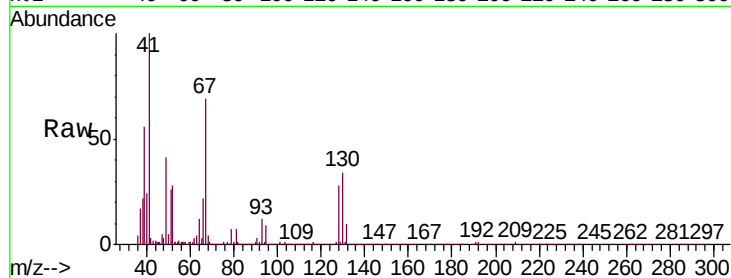




#41
Methacrylonitrile
Concen: 21.475 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

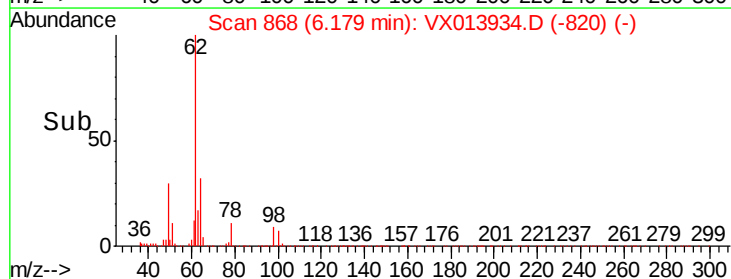
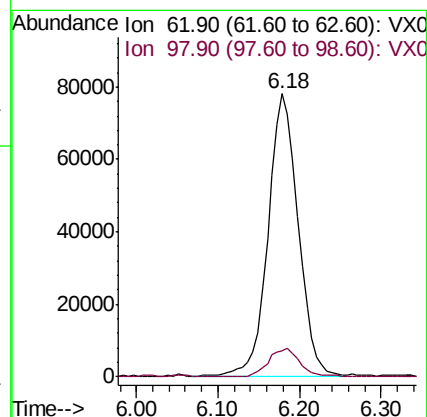
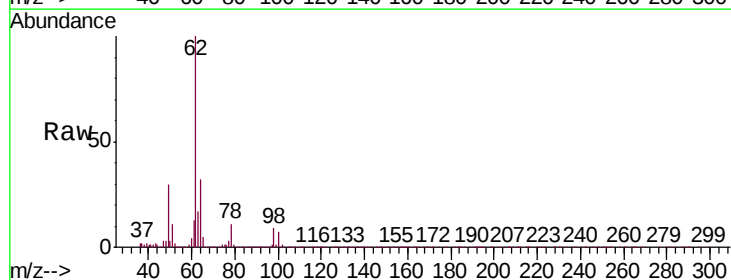
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS01

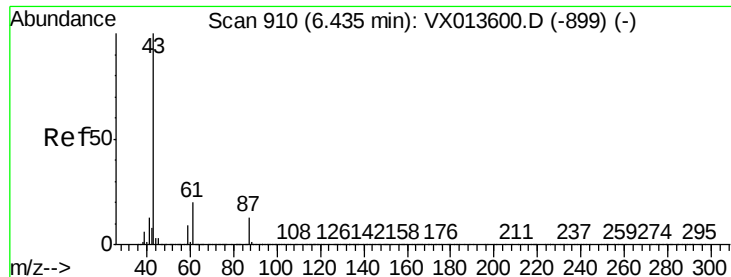
Tgt Ion:	41	Resp:	120605
Ion	Ratio	Lower	Upper
41	100		
39	52.9	42.9	64.3
67	68.8	57.4	86.0
52	28.1	22.4	33.6



#42
1,2-Dichloroethane
Concen: 20.951 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Tgt Ion:	62	Resp:	198654
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.8





#43

Isopropyl Acetate

Concen: 19.985 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS01

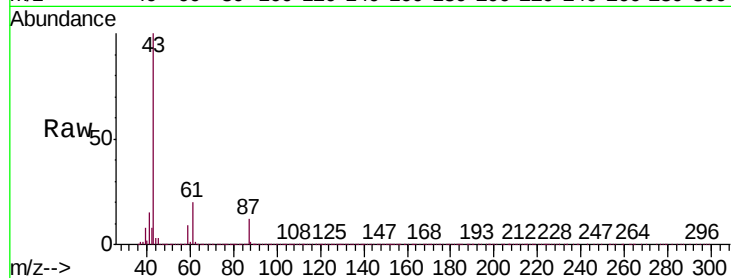
Tgt Ion: 43 Resp: 336934

Ion Ratio Lower Upper

43 100

61 20.2 16.3 24.5

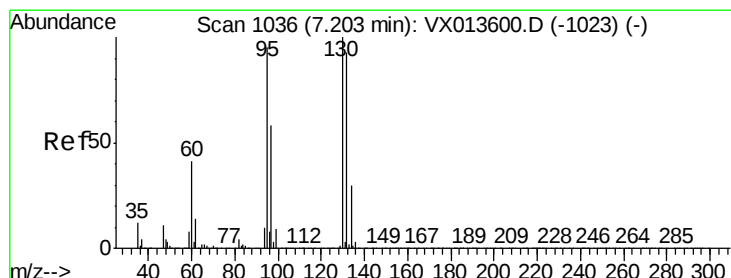
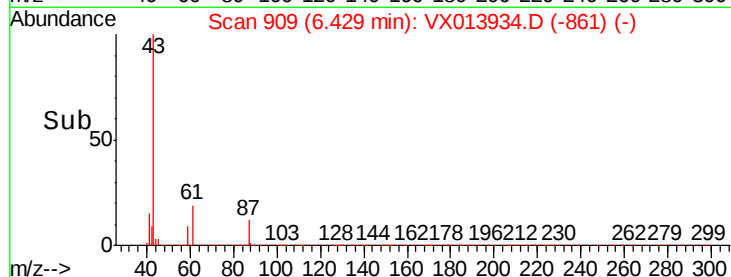
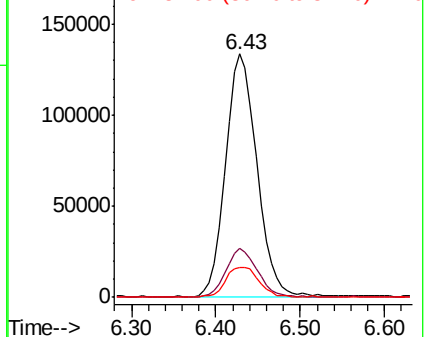
87 13.3 10.8 16.2



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: 20.300 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013934.D

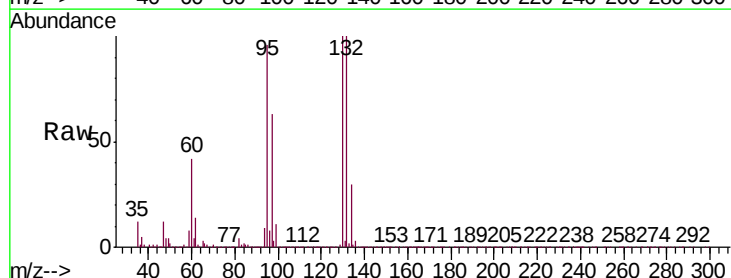
Acq: 11 Dec 2019 11:05

Tgt Ion: 130 Resp: 154897

Ion Ratio Lower Upper

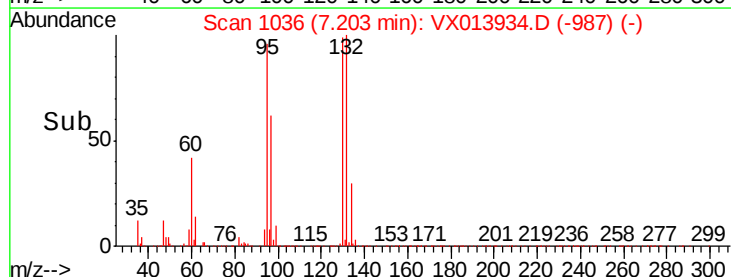
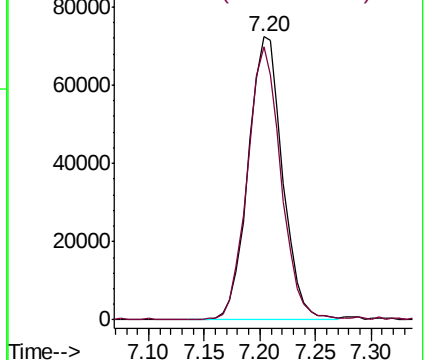
130 100

95 96.2 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: 21.832 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

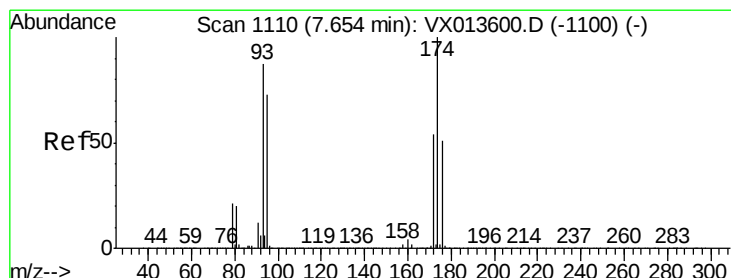
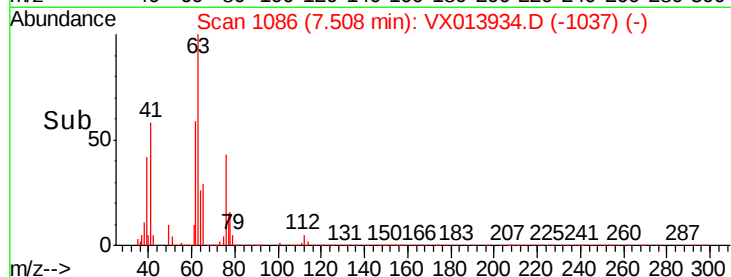
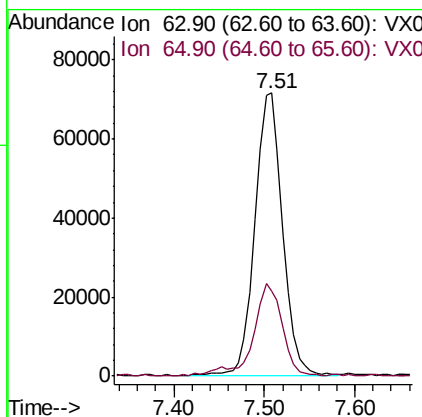
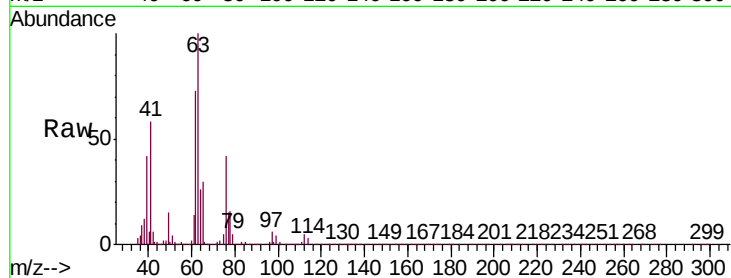
VX1211WBS01

Tgt Ion: 63 Resp: 151863

Ion Ratio Lower Upper

63 100

65 30.0 25.5 38.3



#46

Dibromomethane

Concen: 20.905 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

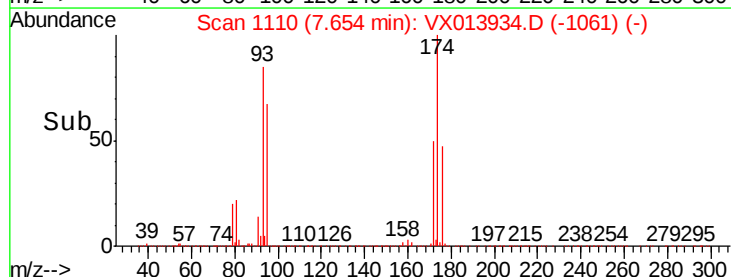
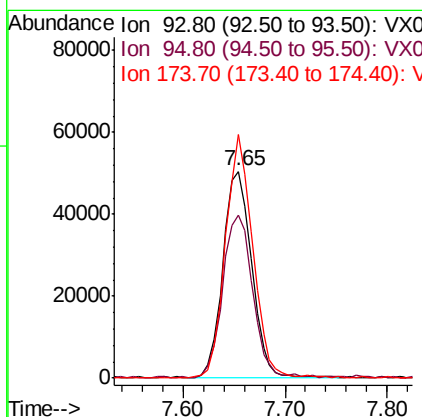
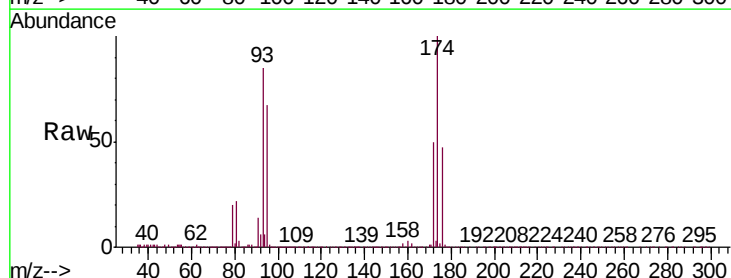
Tgt Ion: 93 Resp: 98763

Ion Ratio Lower Upper

93 100

95 81.4 66.2 99.2

174 111.3 93.4 140.0





#47

Bromodichloromethane

Concen: 21.603 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS01

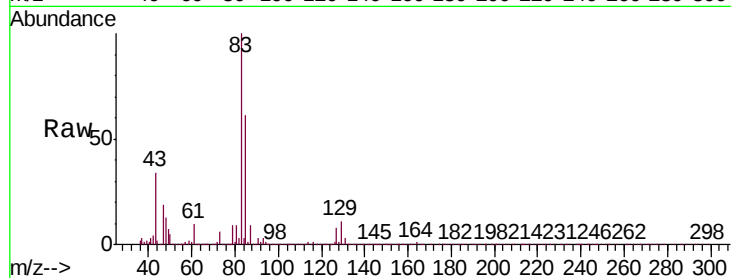
Tgt Ion: 83 Resp: 192942

Ion Ratio Lower Upper

83 100

85 61.0 52.1 78.1

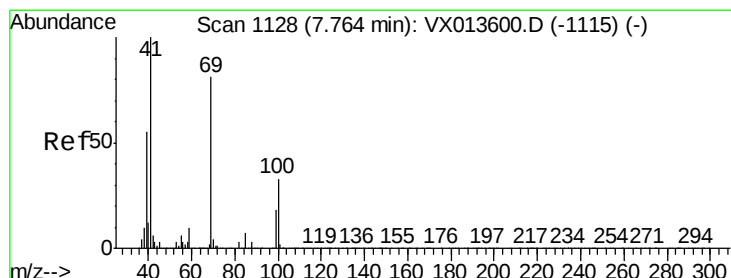
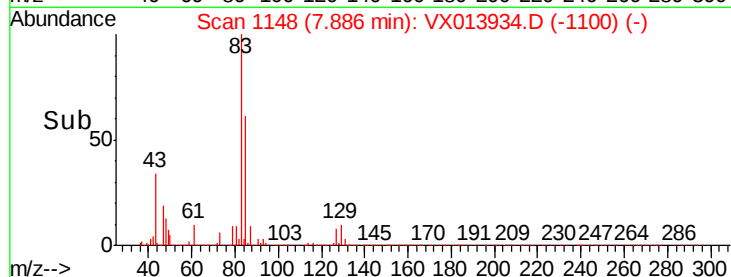
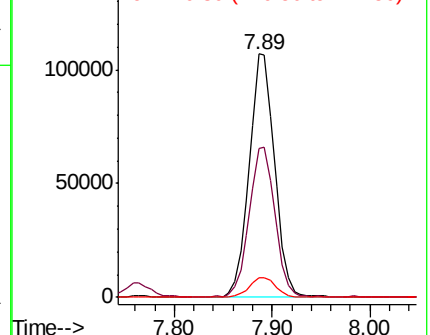
127 7.9 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.484 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

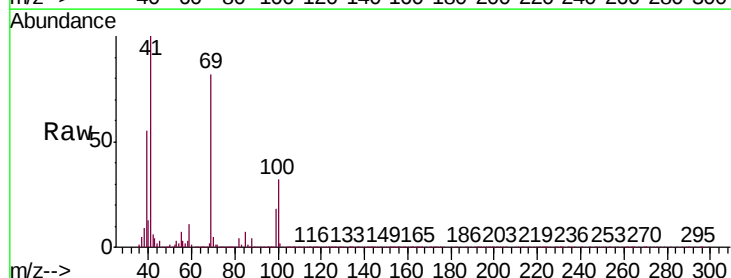
Tgt Ion: 41 Resp: 167799

Ion Ratio Lower Upper

41 100

69 82.8 64.7 97.1

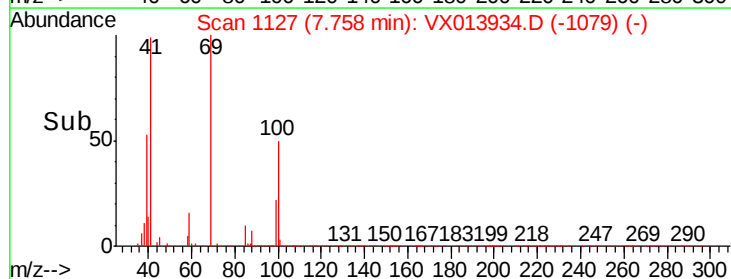
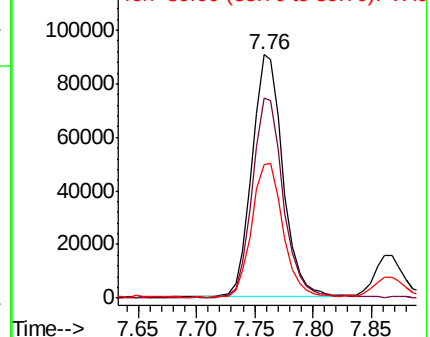
39 57.3 43.8 65.6

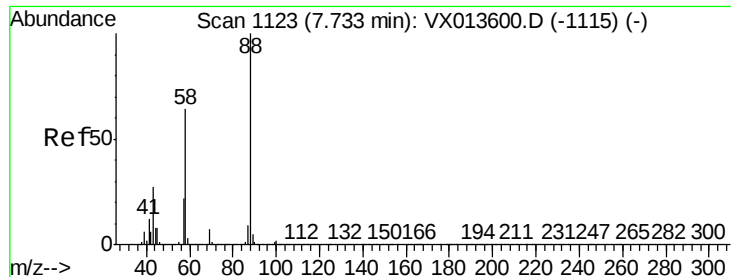


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

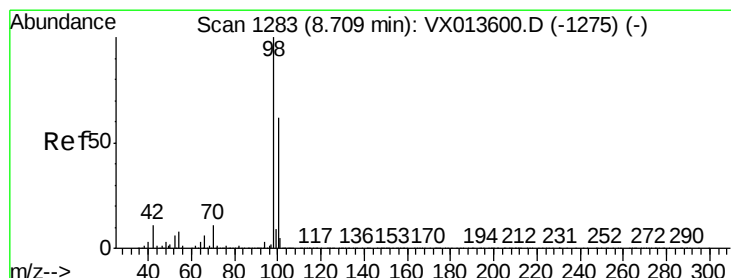
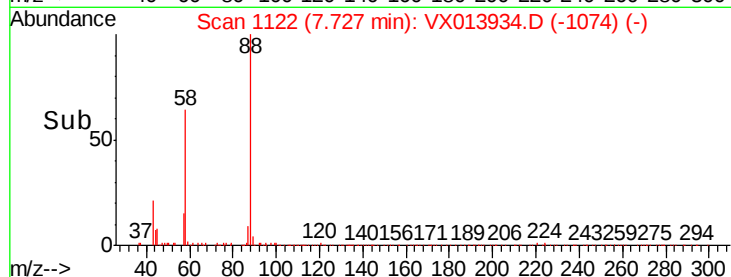
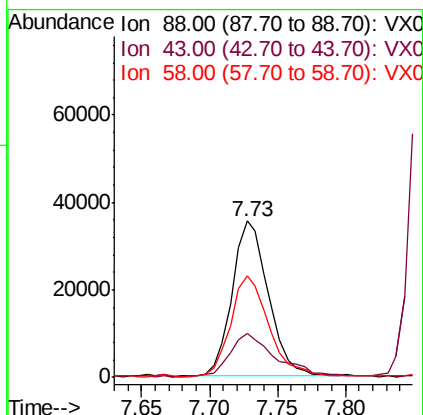
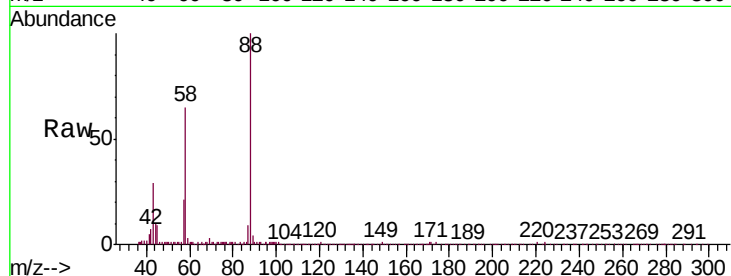




#49
1,4-Dioxane
Concen: 358.939 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

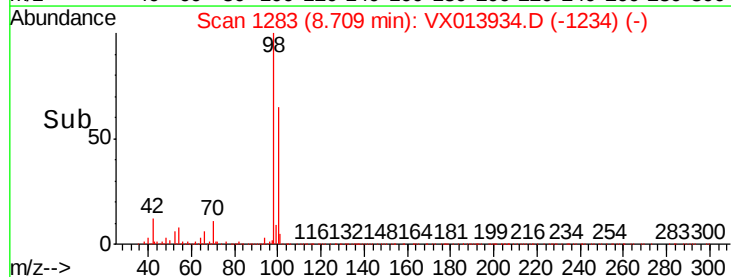
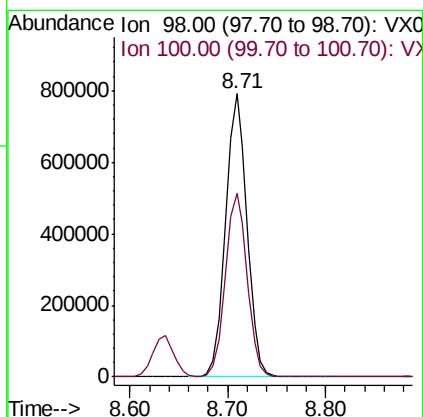
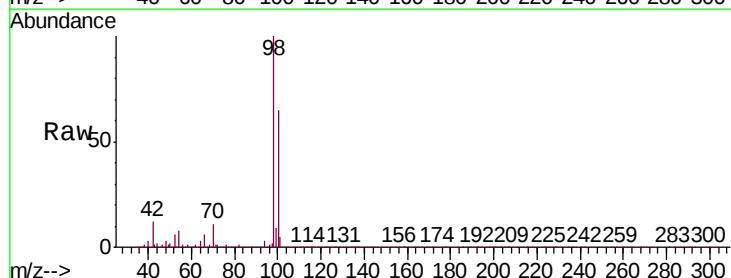
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS01

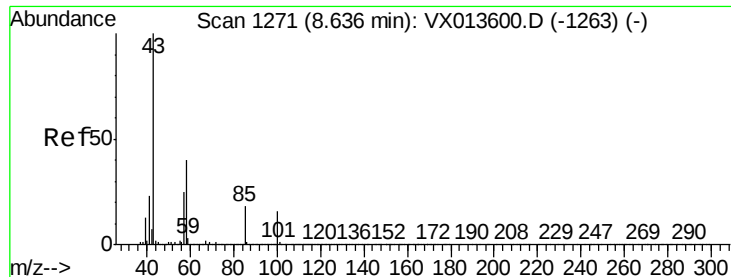
Tgt Ion	Ratio	Lower	Upper
88	100		
43	37.6	25.8	38.6
58	68.1	54.6	82.0



#50
Toluene-d8
Concen: 49.357 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.1	79.7

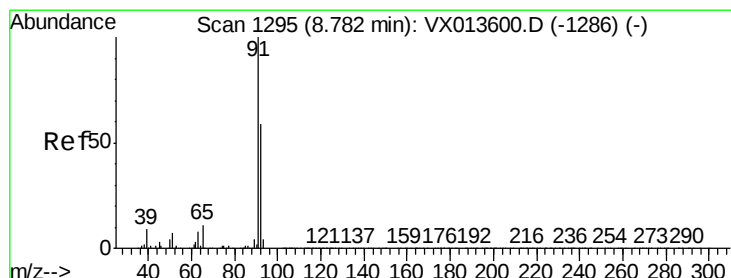
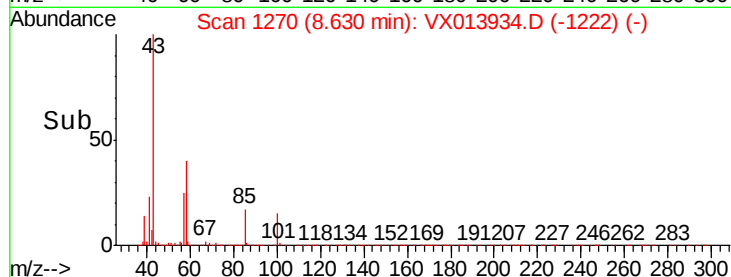
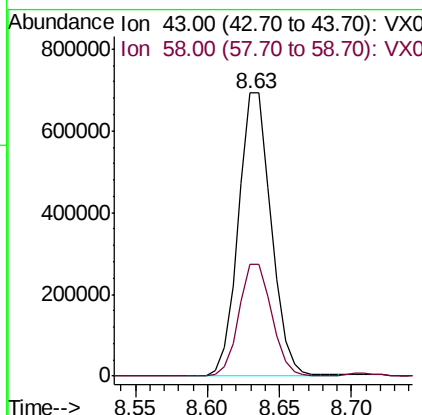
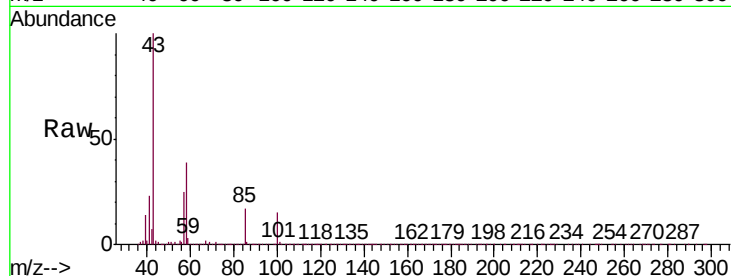




#51
 4-Methyl-2-Pentanone
 Concen: 103.469 ug/l
 RT: 8.63 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VX013934.D
 Acq: 11 Dec 2019 11:05

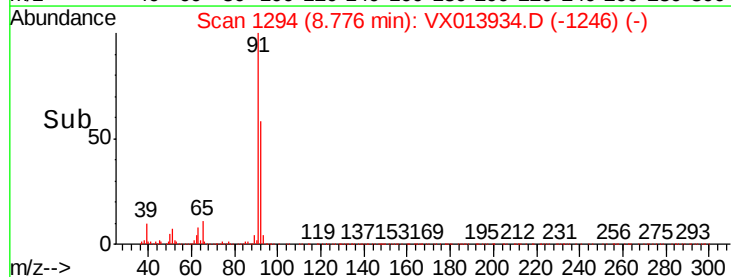
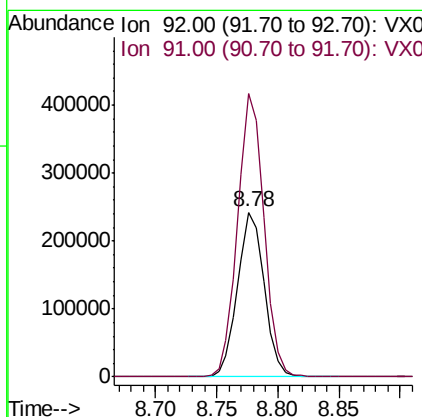
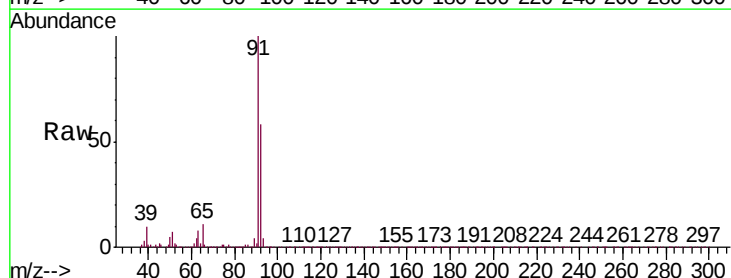
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBS01

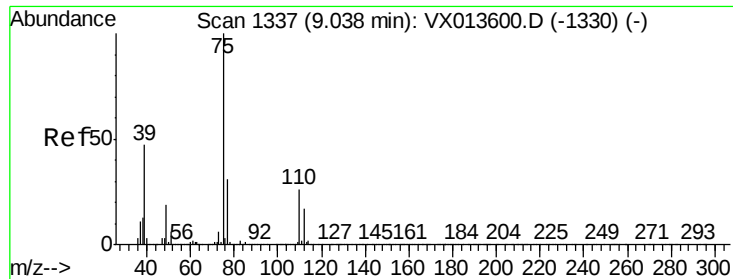
Tgt Ion: 43 Resp: 1097290
 Ion Ratio Lower Upper
 43 100
 58 39.6 32.1 48.1



#52
 Toluene
 Concen: 21.154 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: VX013934.D
 Acq: 11 Dec 2019 11:05

Tgt Ion: 92 Resp: 365366
 Ion Ratio Lower Upper
 92 100
 91 170.3 136.2 204.2

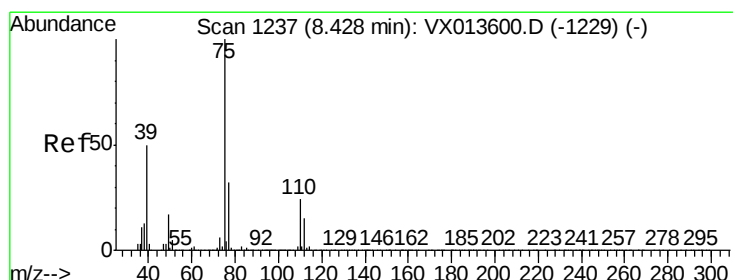
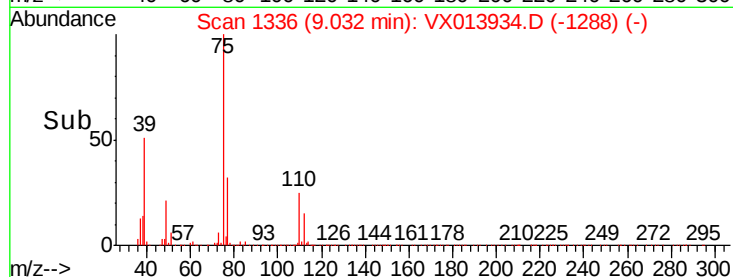
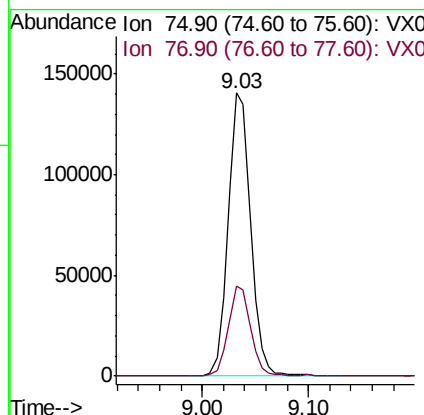
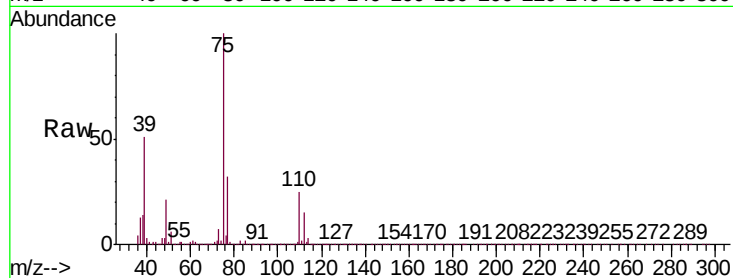




#53
t-1,3-Dichloropropene
Concen: 20.564 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

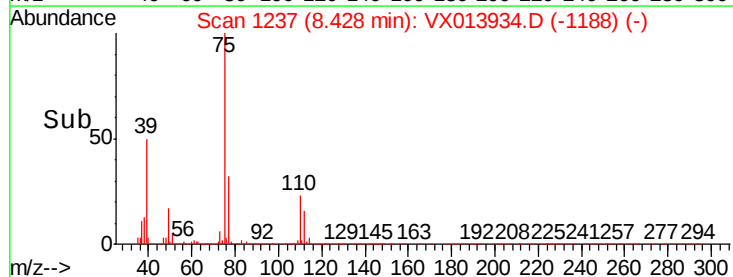
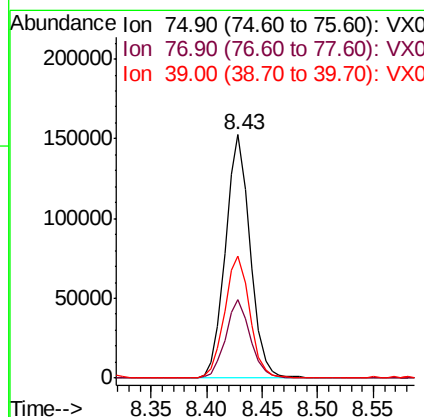
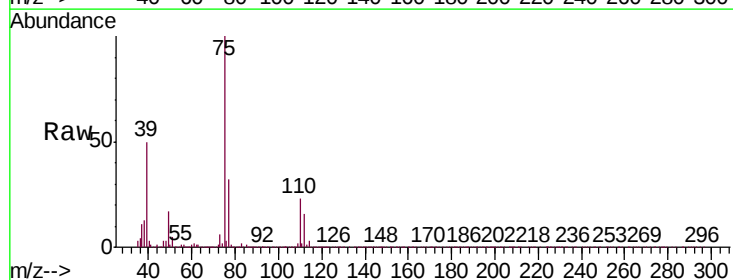
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS01

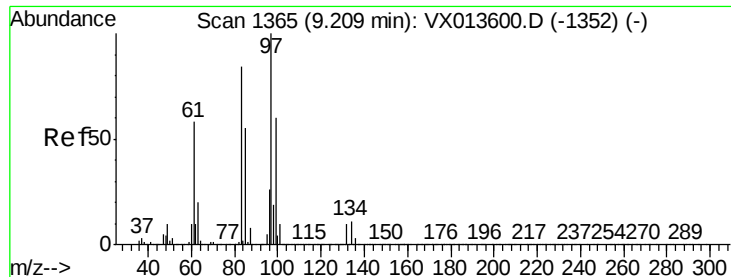
Tgt Ion: 75 Resp: 209049
Ion Ratio Lower Upper
75 100
77 31.5 24.4 36.6



#54
cis-1,3-Dichloropropene
Concen: 21.100 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Tgt Ion: 75 Resp: 234342
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.6
39 50.0 39.9 59.9

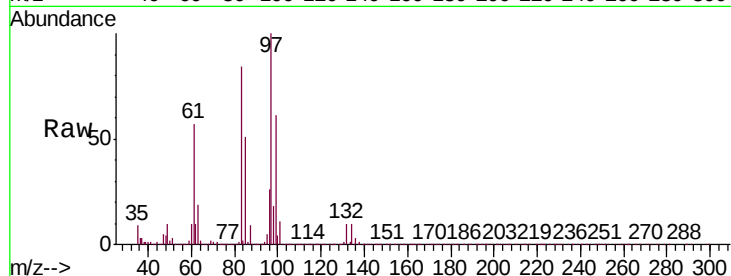




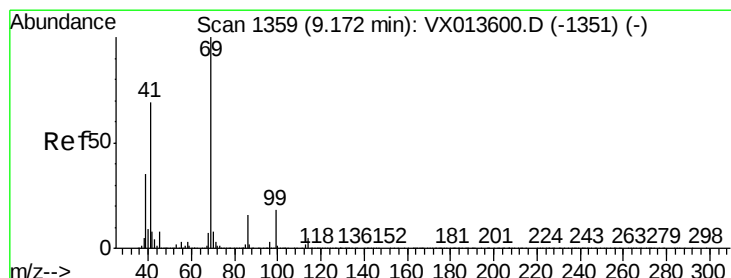
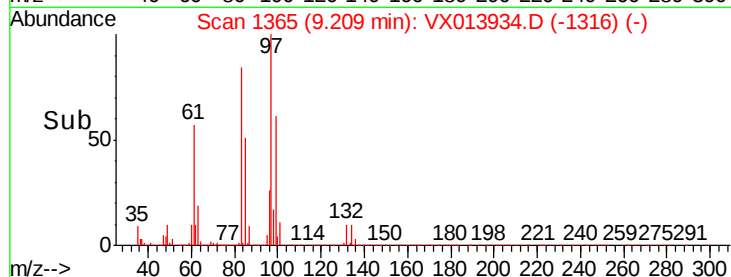
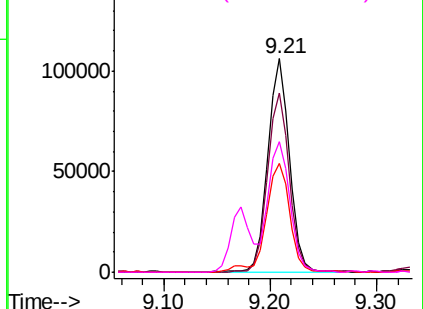
#55
 1,1,2-Trichloroethane
 Concen: 21.761 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013934.D
 Acq: 11 Dec 2019 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBS01

Tgt Ion:	97	Resp:	151464
Ion	Ratio	Lower	Upper
97	100		
83	83.9	67.3	100.9
85	51.1	43.6	65.4
99	61.0	48.2	72.4

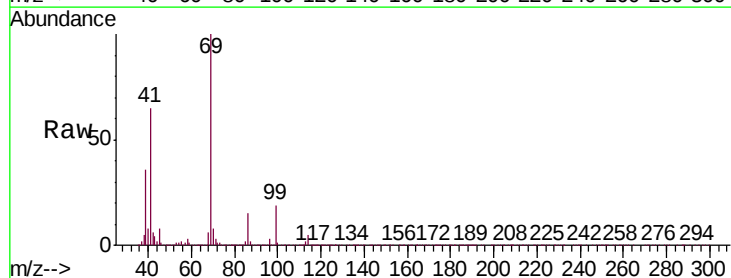


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

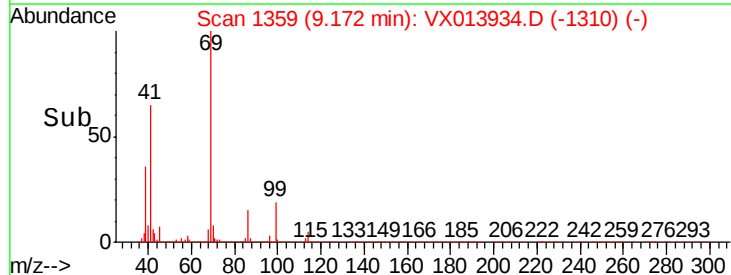
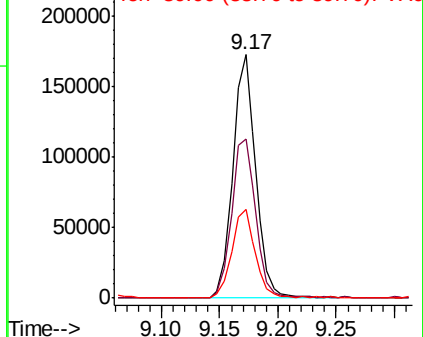


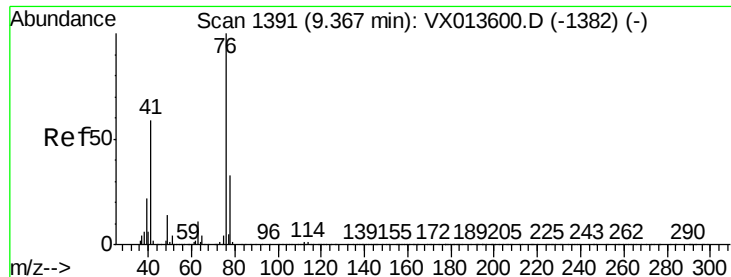
#56
 Ethyl methacrylate
 Concen: 20.916 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013934.D
 Acq: 11 Dec 2019 11:05

Tgt Ion:	69	Resp:	234055
Ion	Ratio	Lower	Upper
69	100		
41	68.7	55.0	82.4
39	36.5	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: 21.398 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

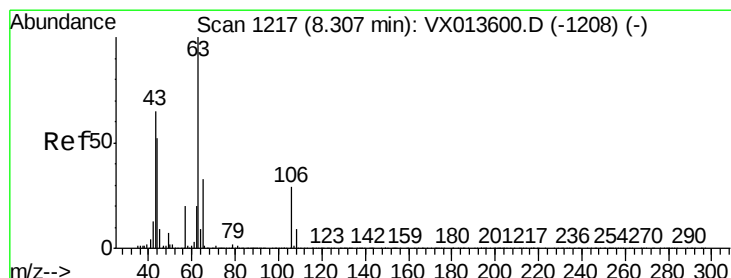
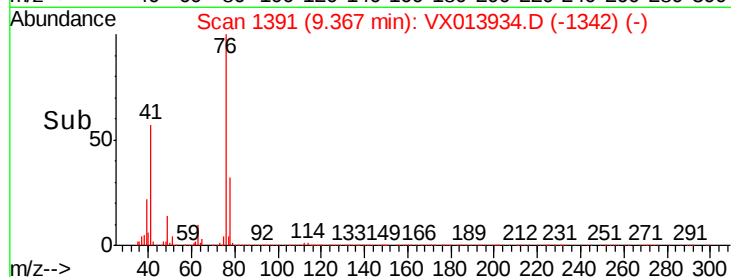
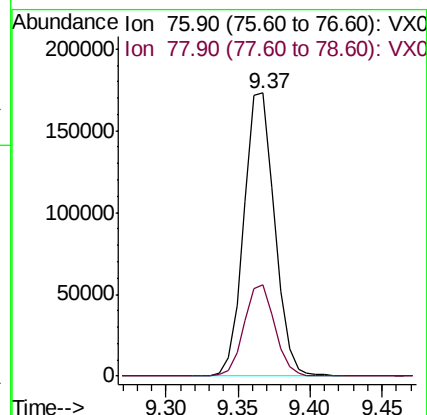
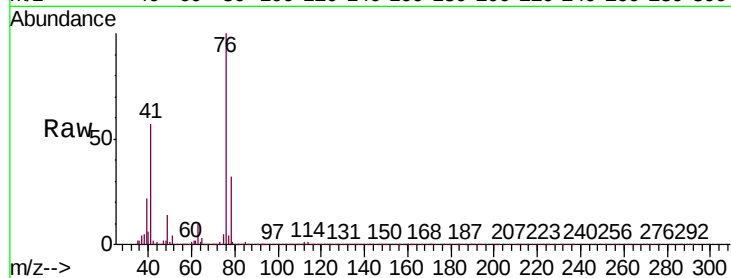
VX1211WBS01

Tgt Ion: 76 Resp: 256711

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 77.812 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013934.D

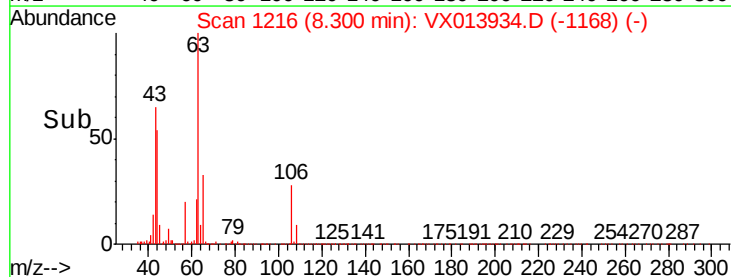
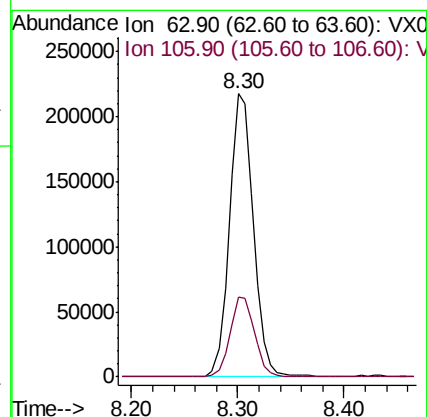
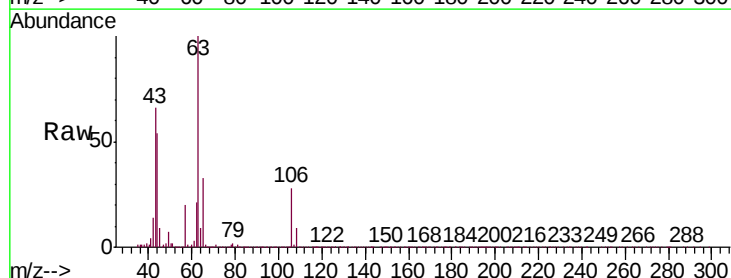
Acq: 11 Dec 2019 11:05

Tgt Ion: 63 Resp: 341396

Ion Ratio Lower Upper

63 100

106 28.9 23.4 35.0

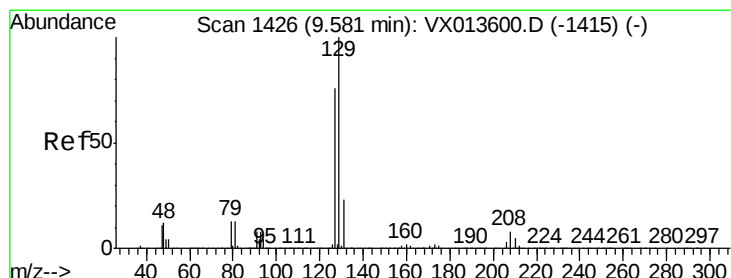
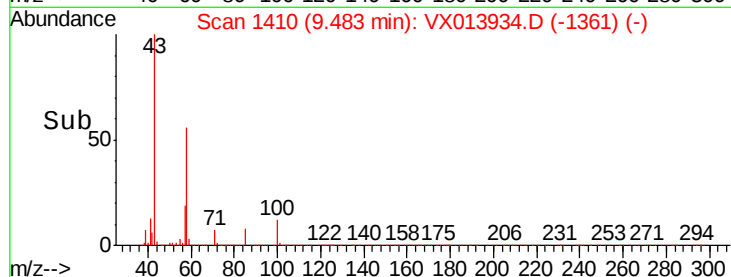
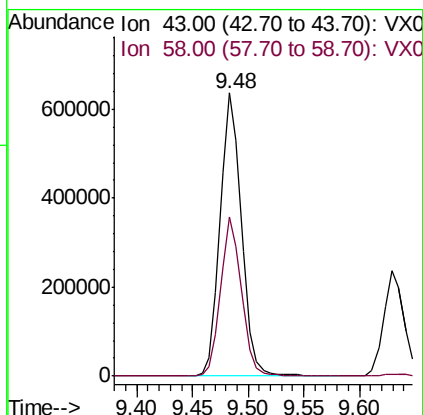
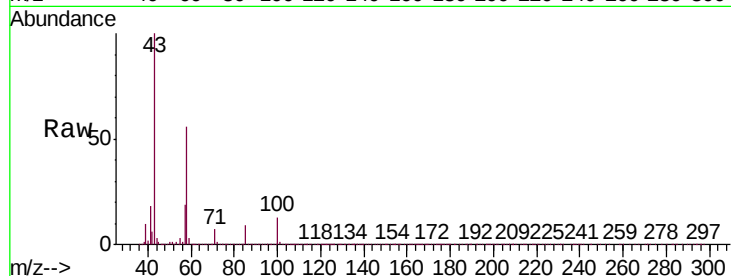




#59
2-Hexanone
Concen: 102.122 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

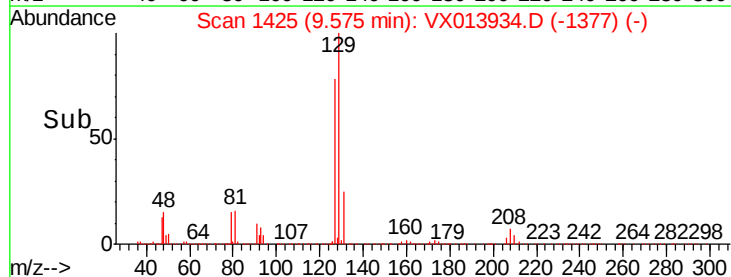
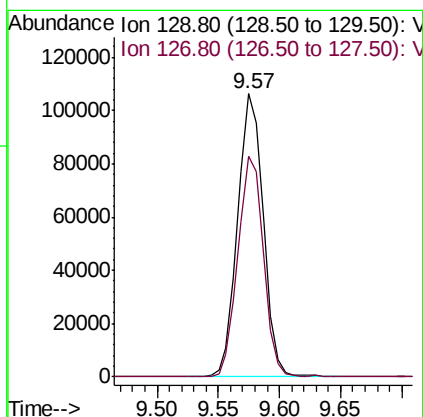
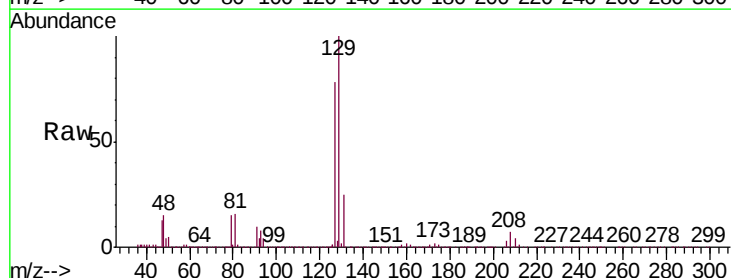
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS01

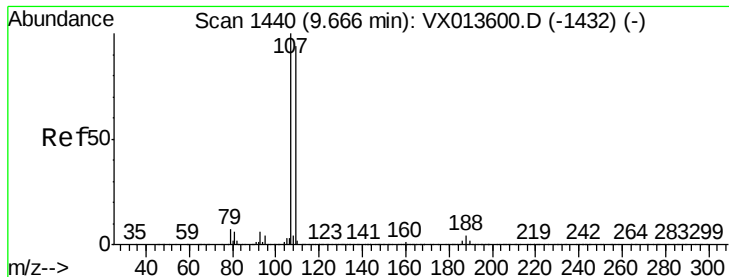
Tgt Ion: 43 Resp: 844662
Ion Ratio Lower Upper
43 100
58 55.1 28.1 84.4



#60
Dibromochloromethane
Concen: 21.225 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Tgt Ion: 129 Resp: 153313
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.815 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

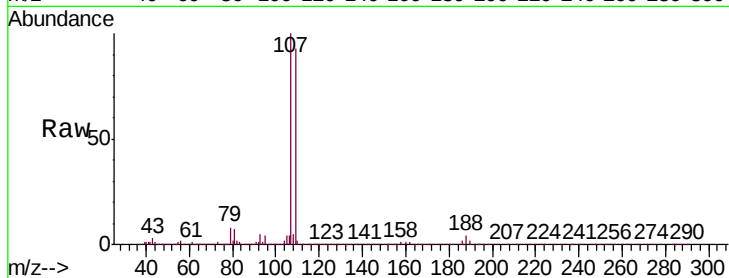
VX1211WBS01

Tgt Ion: 107 Resp: 154735

Ion Ratio Lower Upper

107 100

109 93.3 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

120000

100000

80000

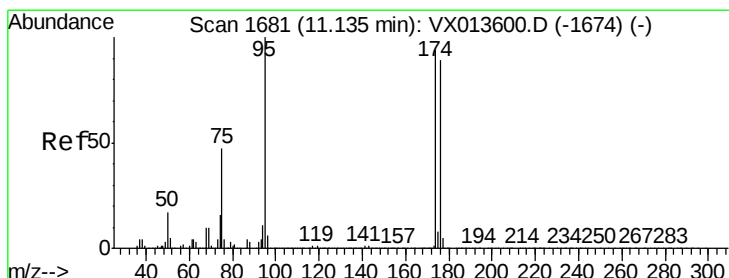
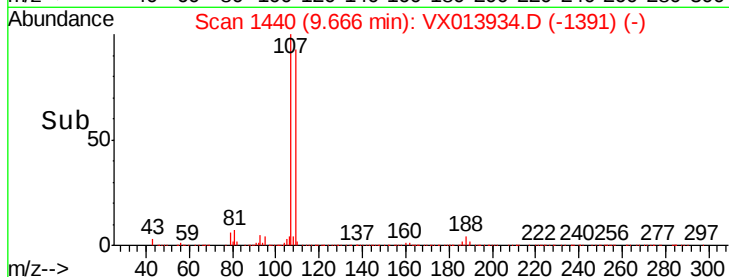
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.018 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

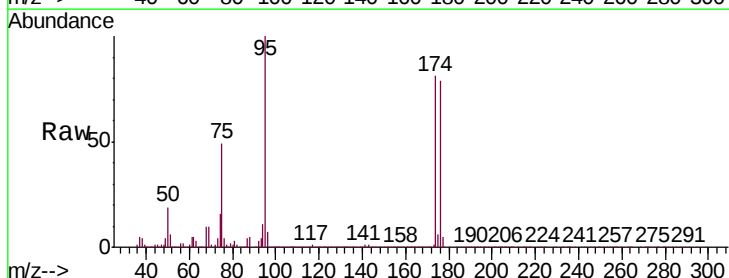
Tgt Ion: 95 Resp: 445605

Ion Ratio Lower Upper

95 100

174 88.0 0.0 180.0

176 86.8 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

11.13

400000

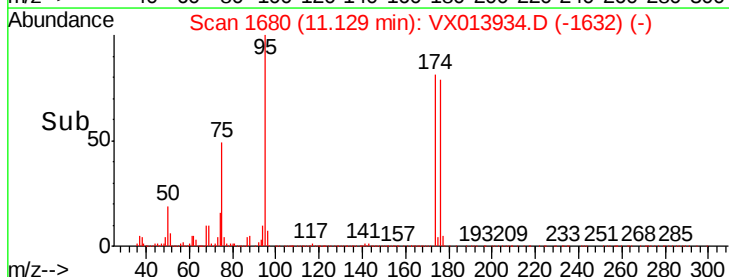
300000

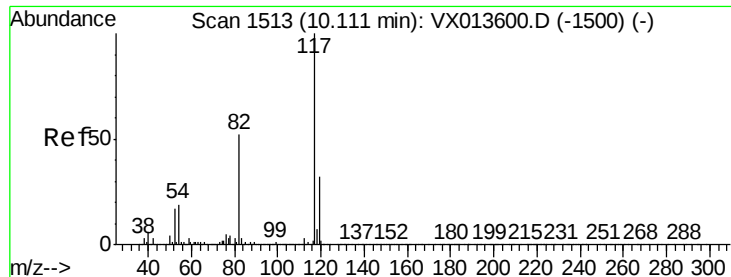
200000

100000

0

Time-->

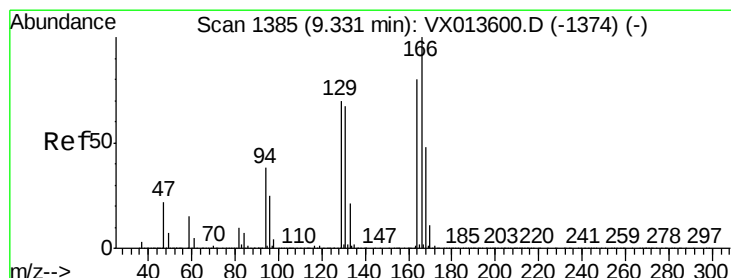
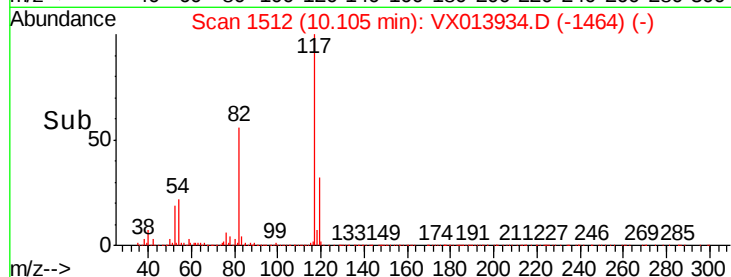
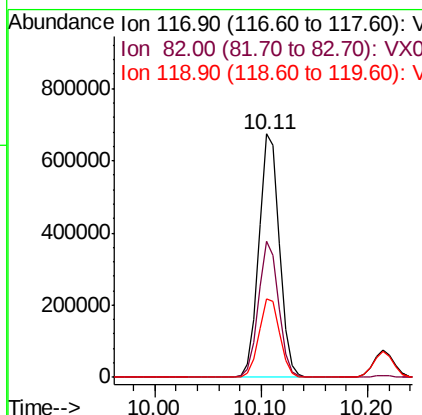
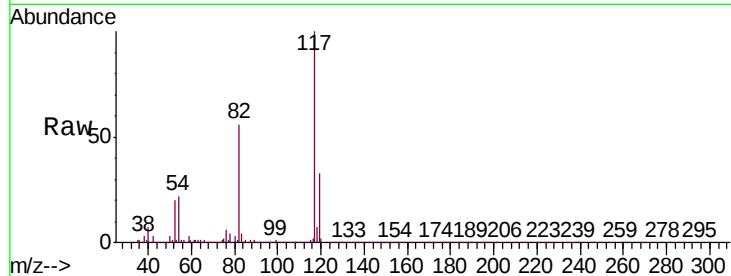




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

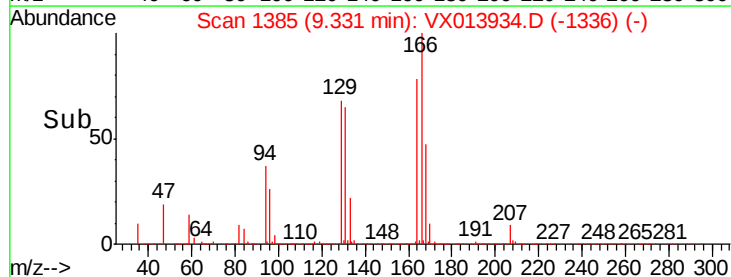
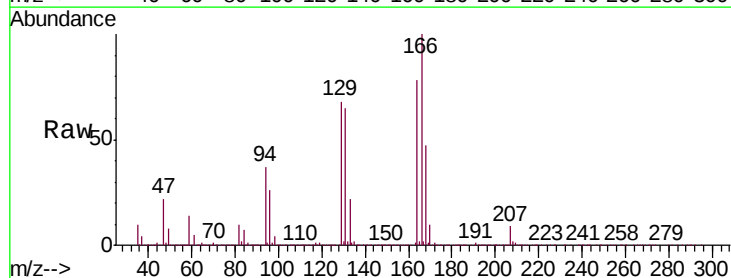
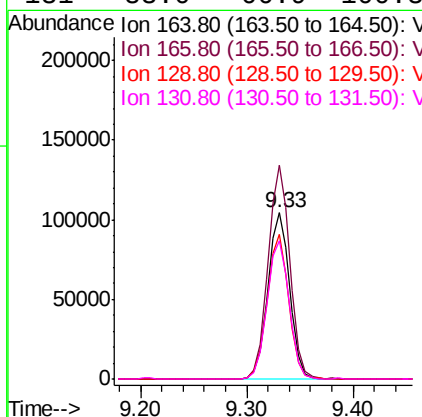
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS01

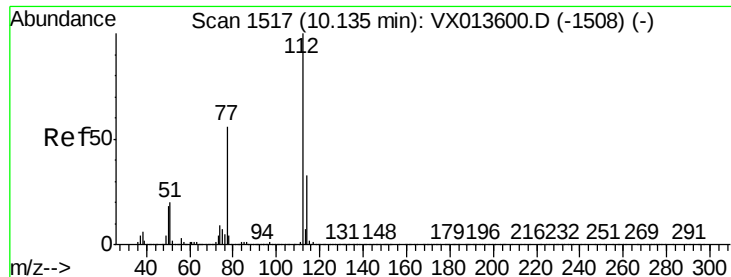
Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.0	41.8	62.8
119	32.5	25.8	38.8



#64
Tetrachloroethene
Concen: 22.064 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.4	99.7	149.5
129	87.0	70.1	105.1
131	83.0	66.9	100.3





#65

Chlorobenzene

Concen: 21.147 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

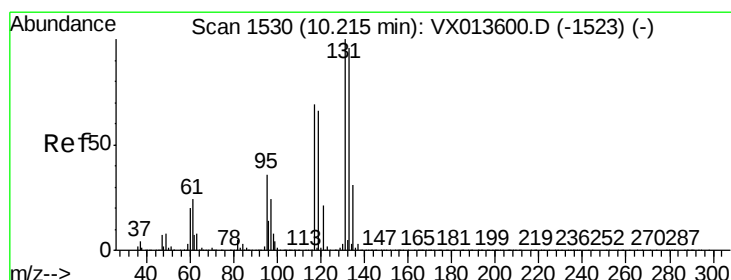
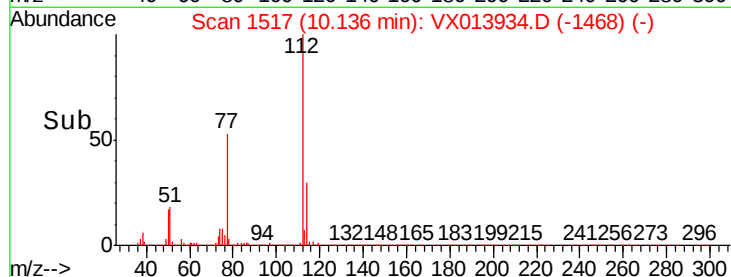
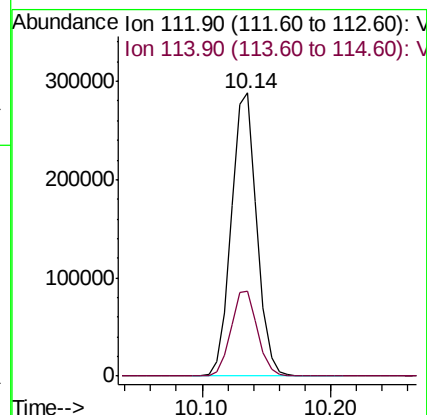
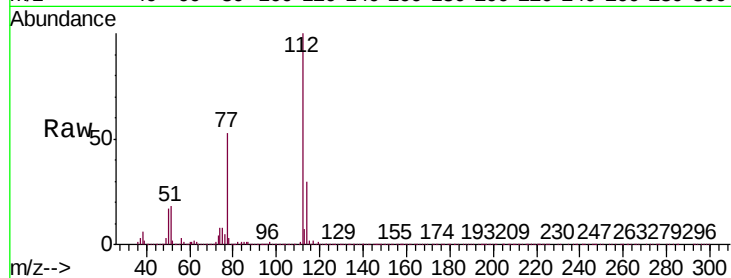
VX1211WBS01

Tgt Ion:112 Resp: 400315

Ion Ratio Lower Upper

112 100

114 30.0 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 21.067 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

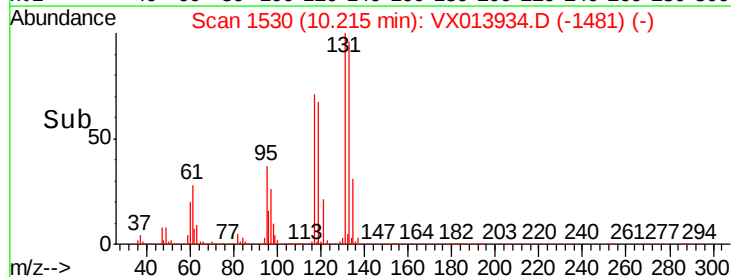
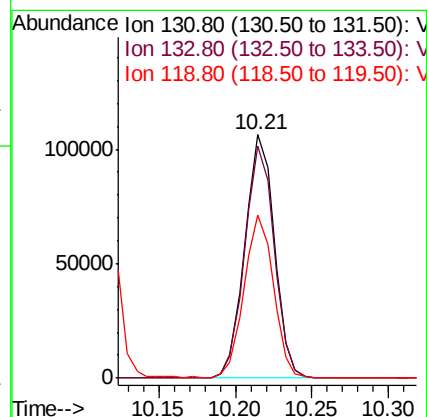
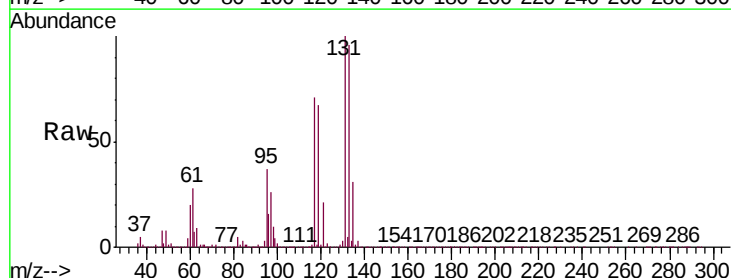
Tgt Ion:131 Resp: 143207

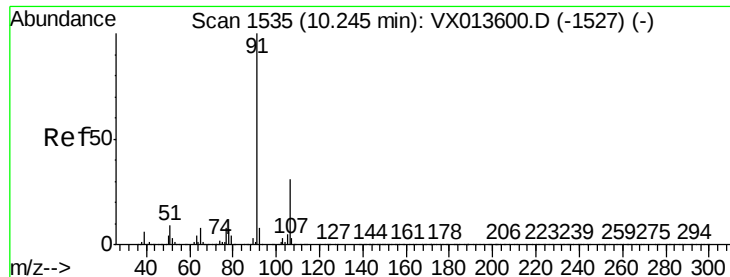
Ion Ratio Lower Upper

131 100

133 95.7 47.7 143.1

119 66.5 32.9 98.6





#67

Ethyl Benzene

Concen: 21.347 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

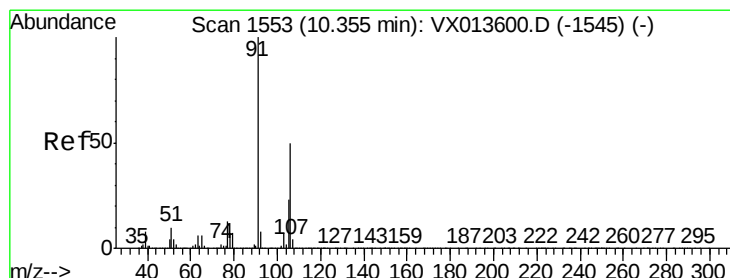
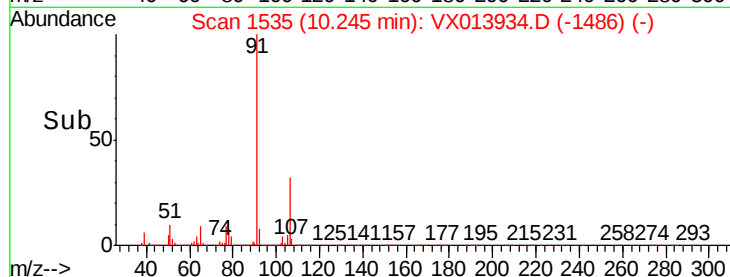
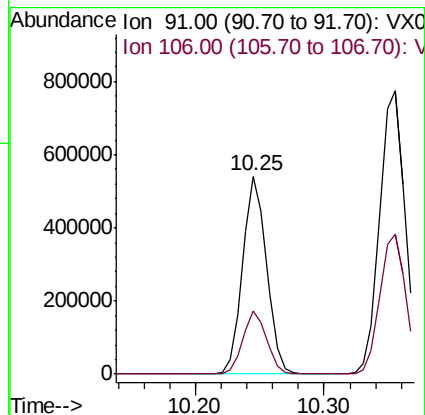
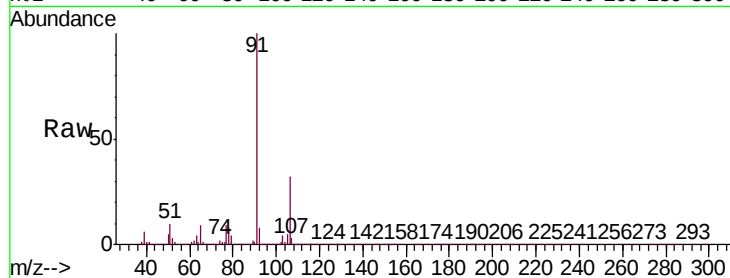
VX1211WBS01

Tgt Ion: 91 Resp: 694385

Ion Ratio Lower Upper

91 100

106 31.7 24.5 36.7



#68

m/p-Xylenes

Concen: 42.315 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013934.D

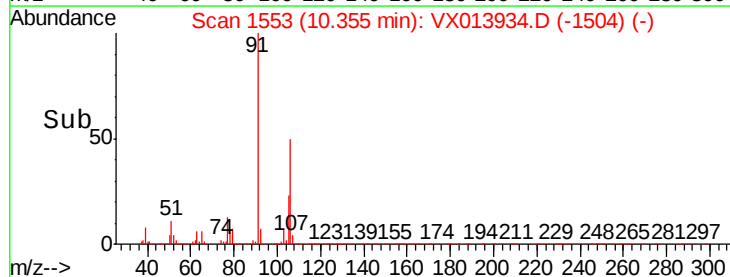
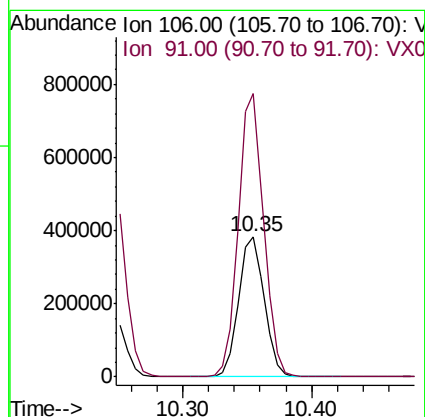
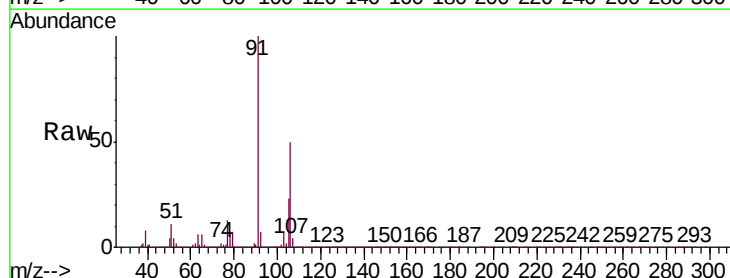
Acq: 11 Dec 2019 11:05

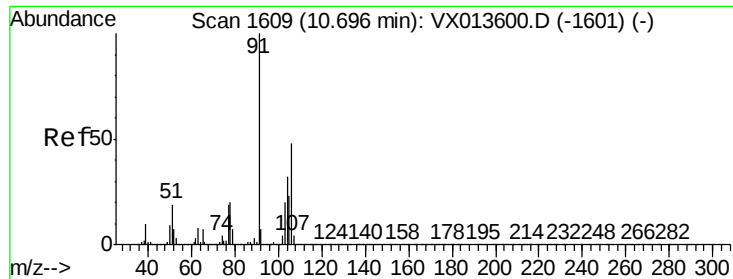
Tgt Ion: 106 Resp: 526989

Ion Ratio Lower Upper

106 100

91 200.1 159.0 238.4

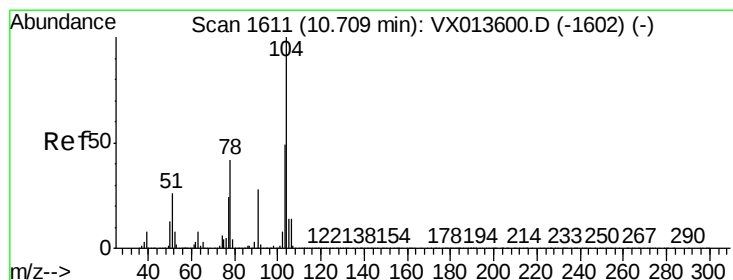
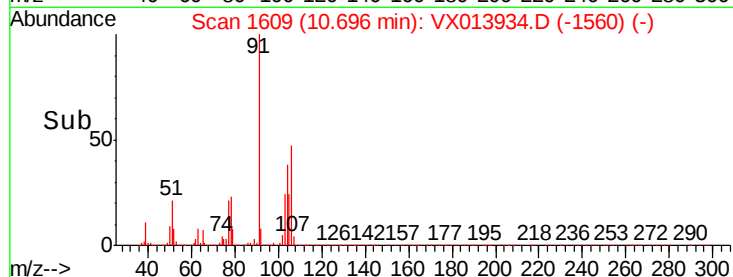
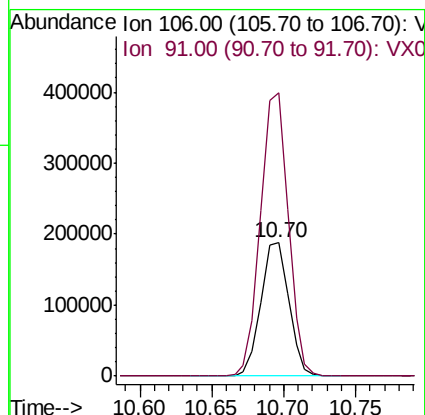
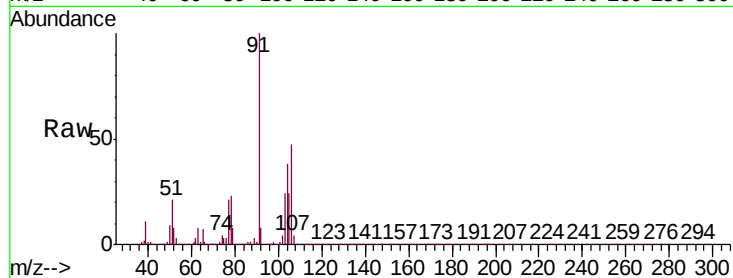




#69
o-Xylene
Concen: 20.777 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

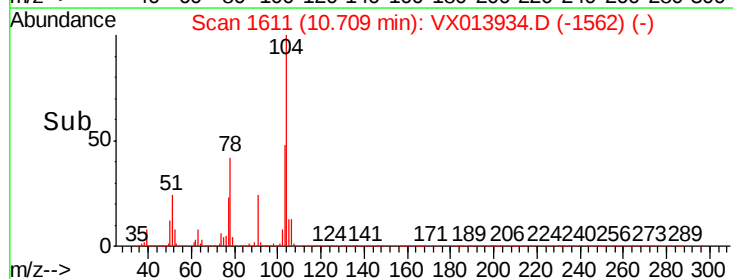
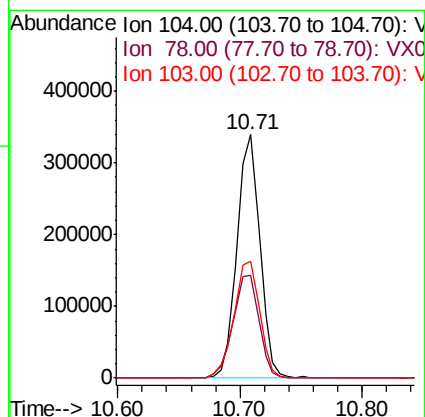
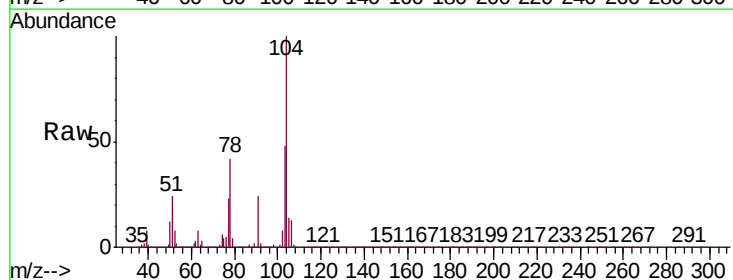
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS01

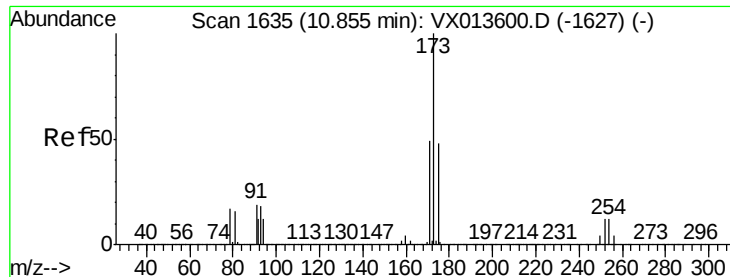
Tgt Ion:106 Resp: 252365
Ion Ratio Lower Upper
106 100
91 211.5 104.1 312.2



#70
Styrene
Concen: 21.438 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Tgt Ion:104 Resp: 438032
Ion Ratio Lower Upper
104 100
78 48.6 38.5 57.7
103 54.3 43.7 65.5





#71

Bromoform

Concen: 20.041 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS01

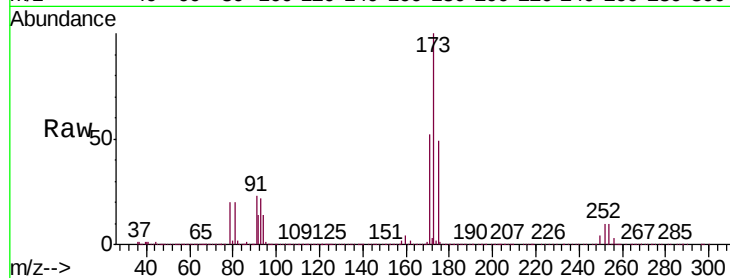
Tgt Ion:173 Resp: 112721

Ion Ratio Lower Upper

173 100

175 48.7 24.3 72.8

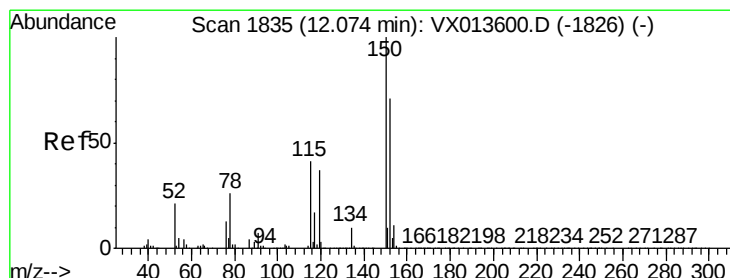
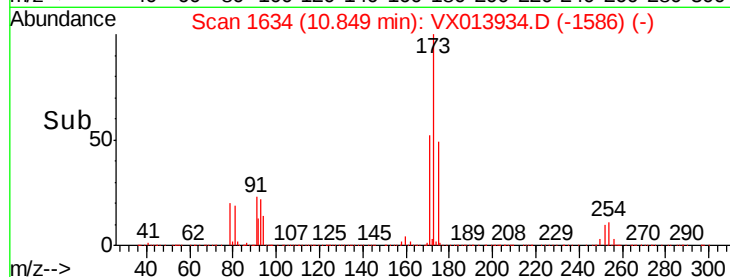
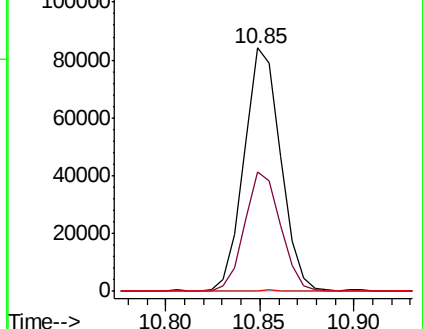
254 0.3 0.2 0.4



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: VX013934.D

Acq: 11 Dec 2019 11:05

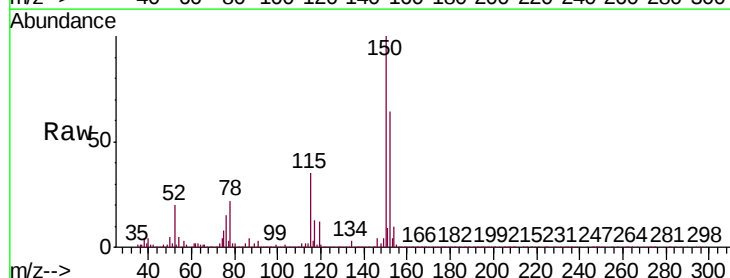
Tgt Ion:152 Resp: 479350

Ion Ratio Lower Upper

152 100

115 64.6 38.4 115.1

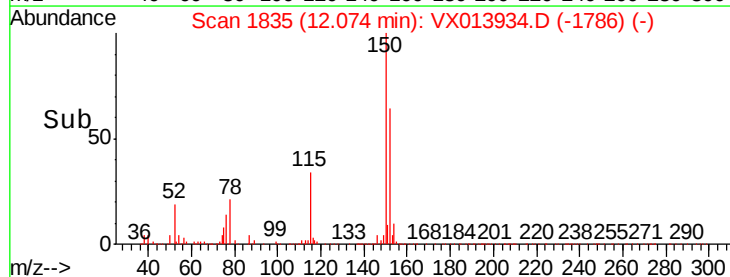
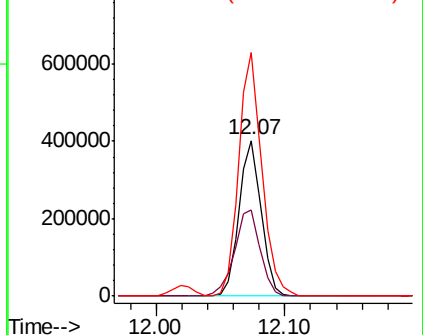
150 163.6 0.0 346.8

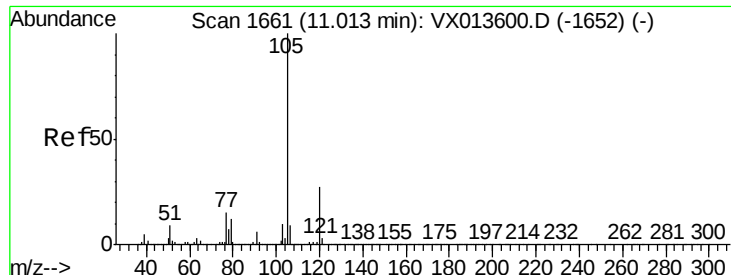


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.535 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

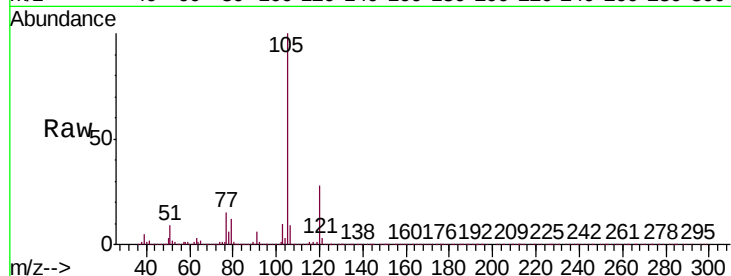
VX1211WBS01

Tgt Ion: 105 Resp: 690489

Ion Ratio Lower Upper

105 100

120 27.3 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

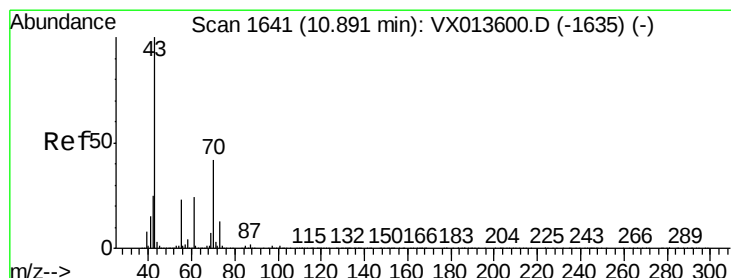
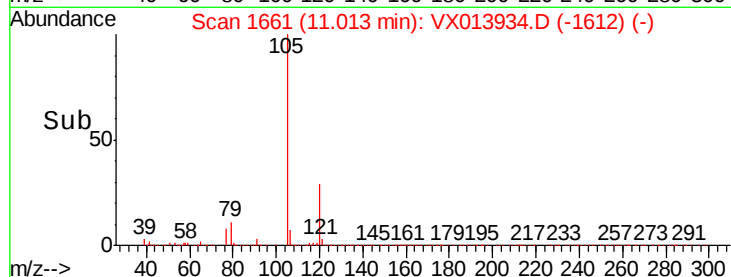
100000

0

11.01

11.10

Time-->



#74

N-ethyl acetate

Concen: 19.409 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Tgt Ion: 43 Resp: 298960

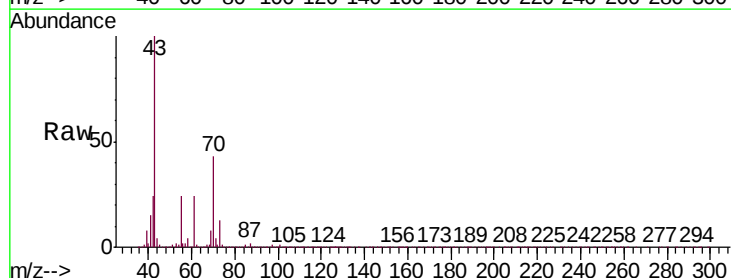
Ion Ratio Lower Upper

43 100

70 42.6 34.3 51.5

55 24.0 18.5 27.7

61 24.3 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

400000

300000

200000

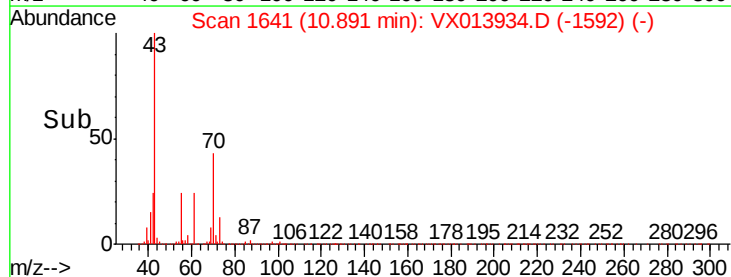
100000

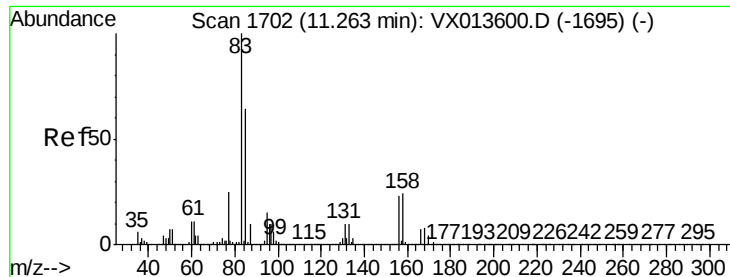
0

10.89

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.832 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS01

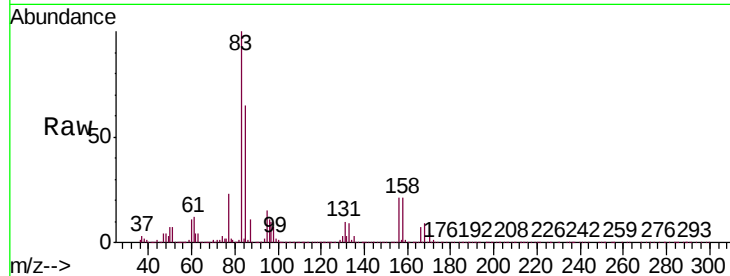
Tgt Ion: 83 Resp: 231261

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.3

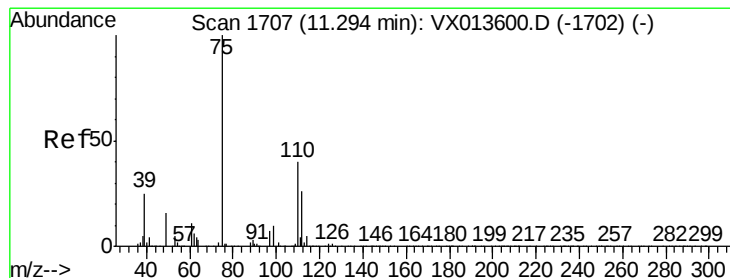
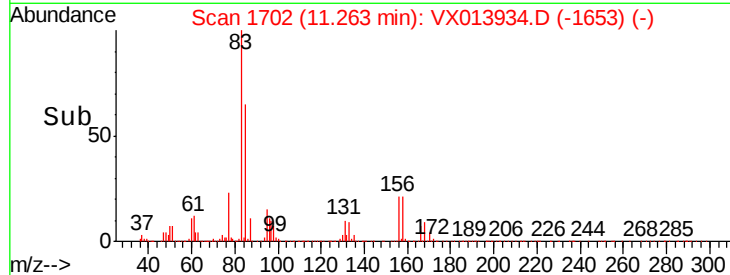
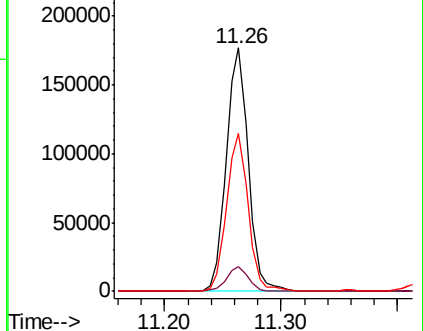
85 63.6 31.8 95.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.983 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013934.D

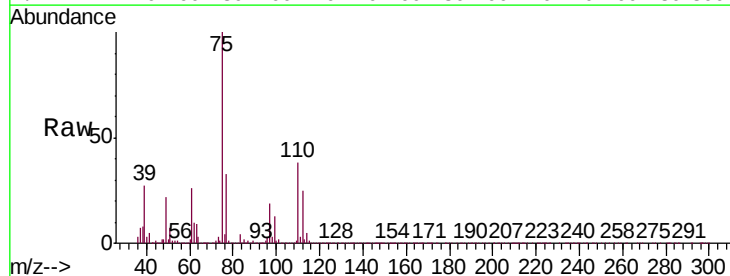
Acq: 11 Dec 2019 11:05

Tgt Ion: 75 Resp: 258575

Ion Ratio Lower Upper

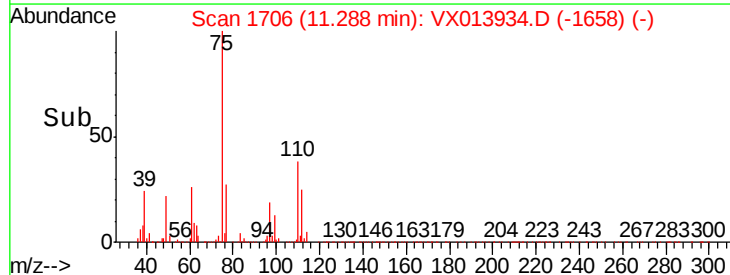
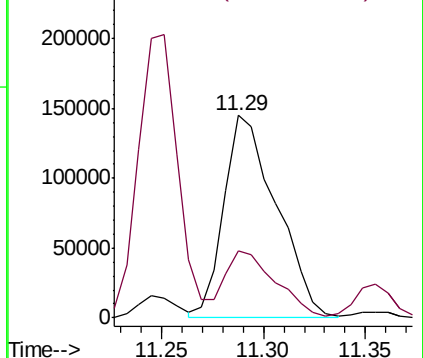
75 100

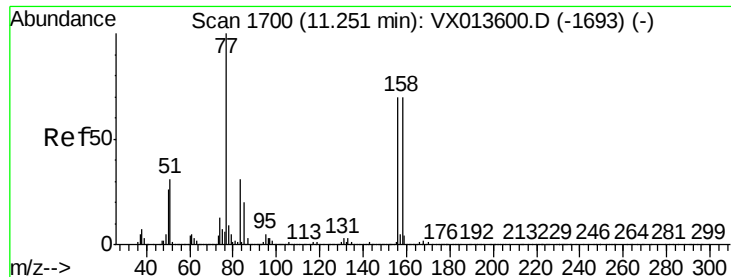
77 32.6 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.698 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

ClientSampled :

VX1211WBS01

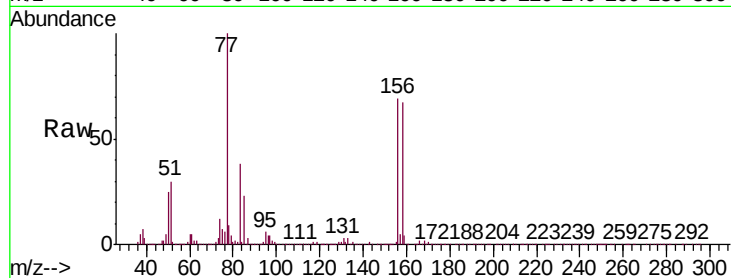
Tgt Ion: 156 Resp: 178934

Ion Ratio Lower Upper

156 100

77 151.0 74.4 223.1

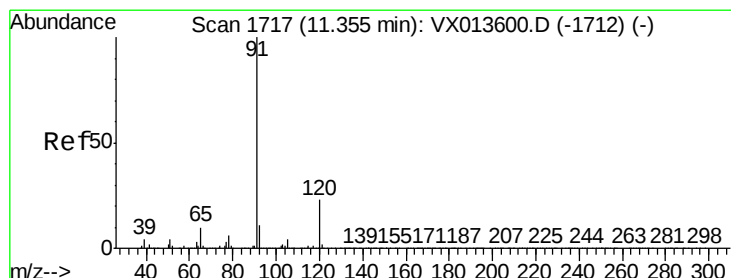
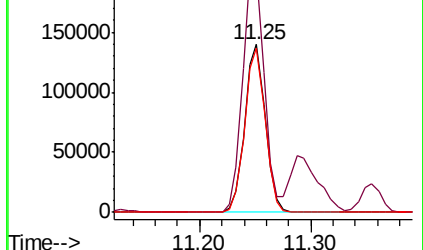
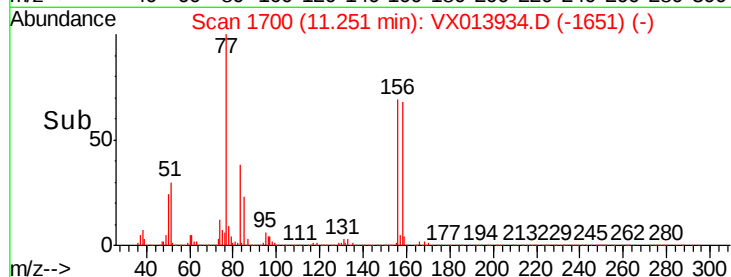
158 96.7 48.9 146.6



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: 21.291 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013934.D

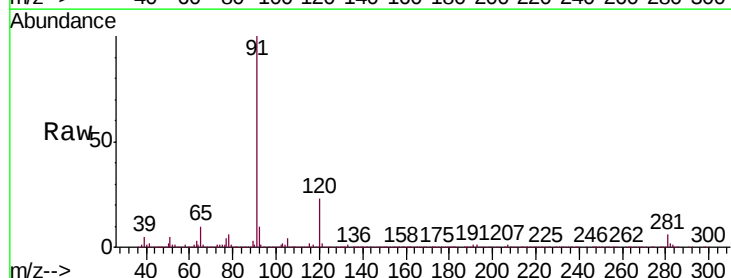
Acq: 11 Dec 2019 11:05

Tgt Ion: 91 Resp: 799171

Ion Ratio Lower Upper

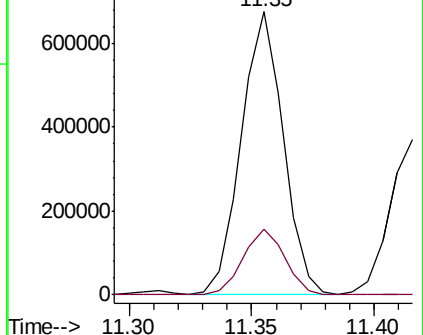
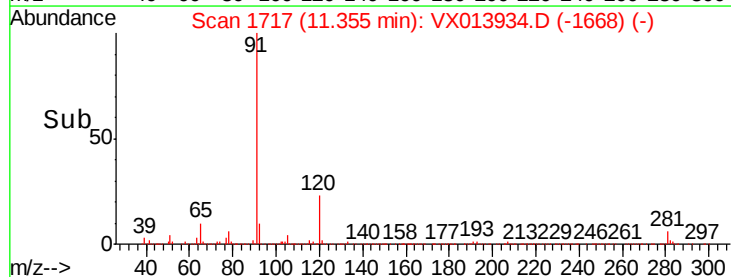
91 100

120 23.4 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

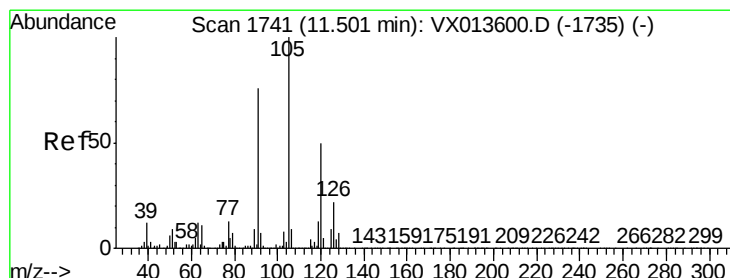
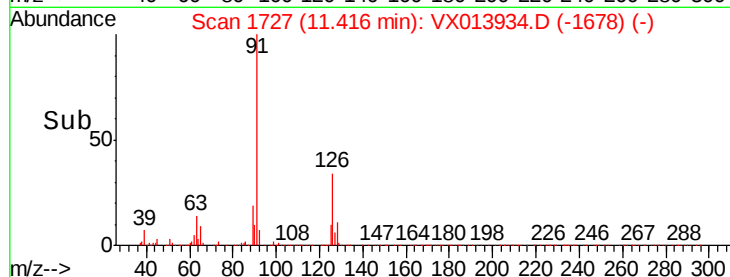
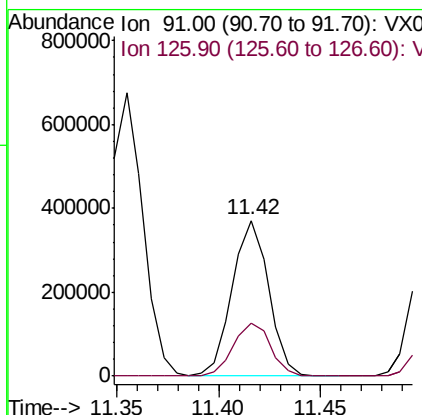
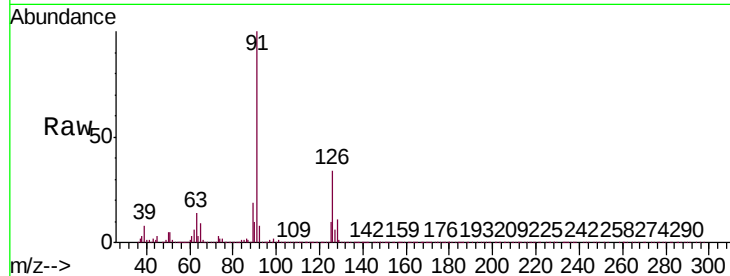




#79
2-Chlorotoluene
Concen: 20.341 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

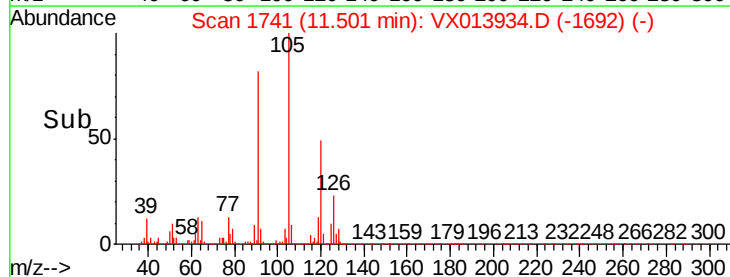
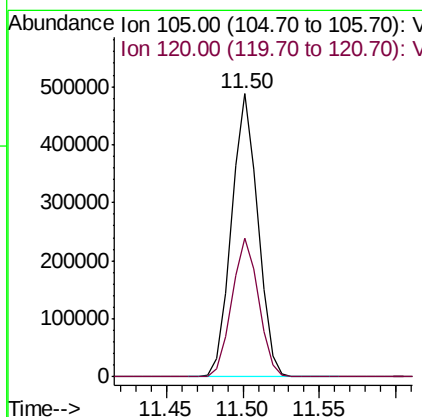
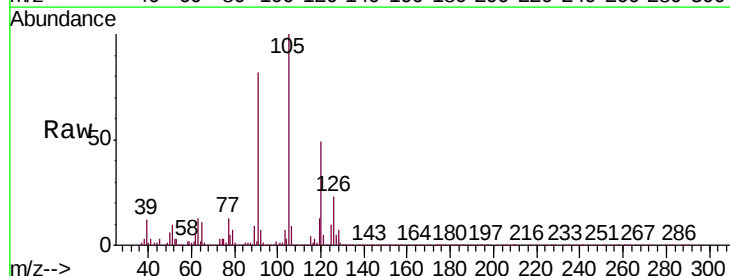
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS01

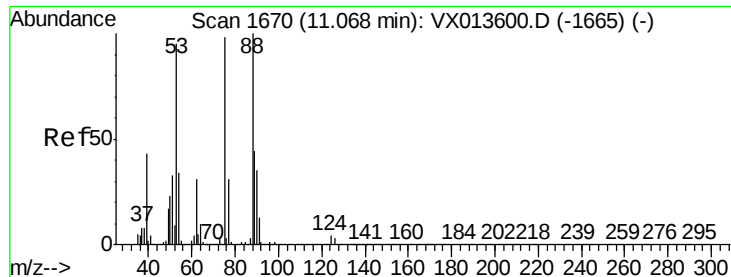
Tgt Ion: 91 Resp: 458011
Ion Ratio Lower Upper
91 100
126 35.2 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 21.072 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Tgt Ion: 105 Resp: 580709
Ion Ratio Lower Upper
105 100
120 49.7 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 17.284 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS01

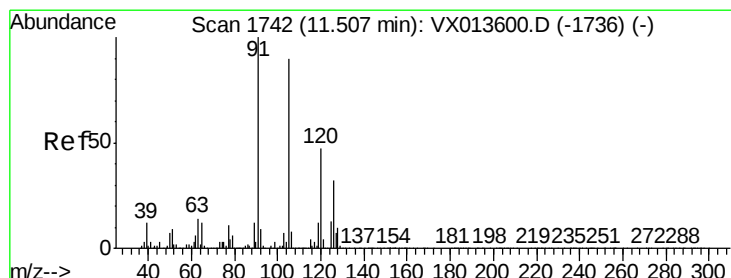
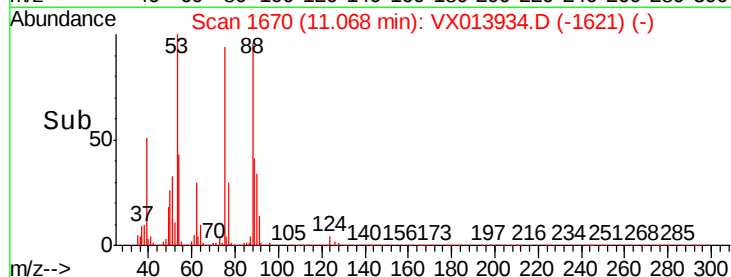
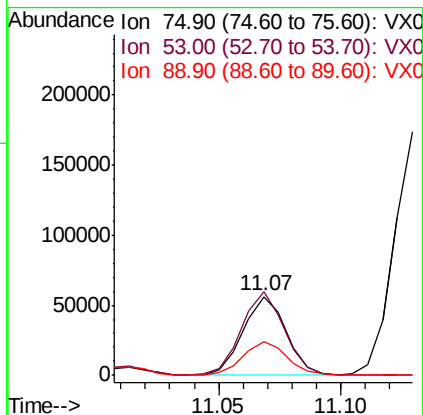
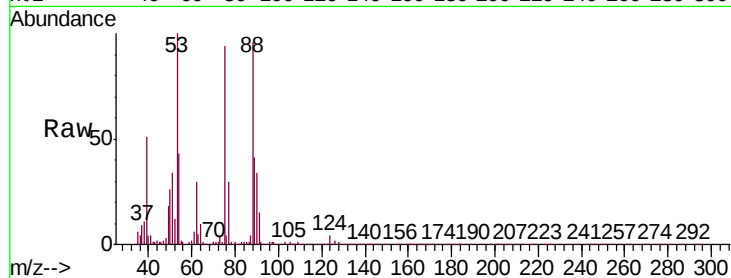
Tgt Ion: 75 Resp: 68113

Ion Ratio Lower Upper

75 100

53 106.3 78.2 117.2

89 45.5 35.4 53.2



#82

4-Chlorotoluene

Concen: 20.795 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013934.D

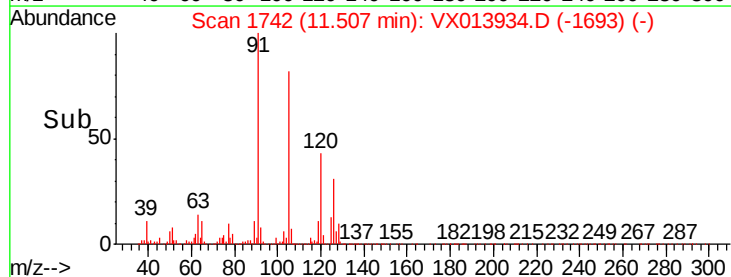
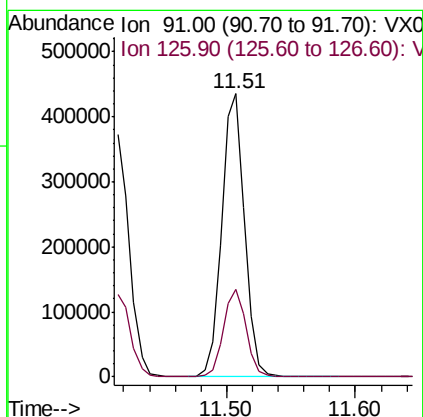
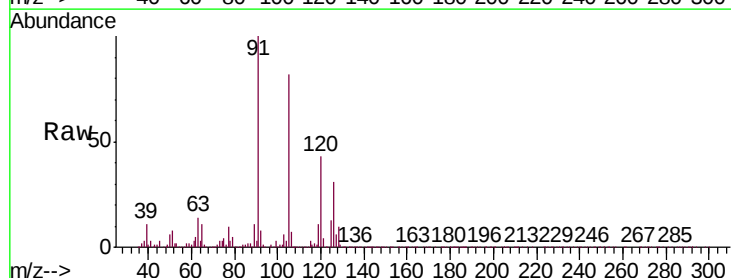
Acq: 11 Dec 2019 11:05

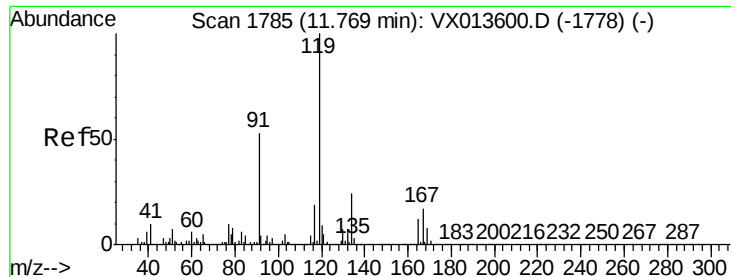
Tgt Ion: 91 Resp: 542319

Ion Ratio Lower Upper

91 100

126 30.8 15.7 47.0

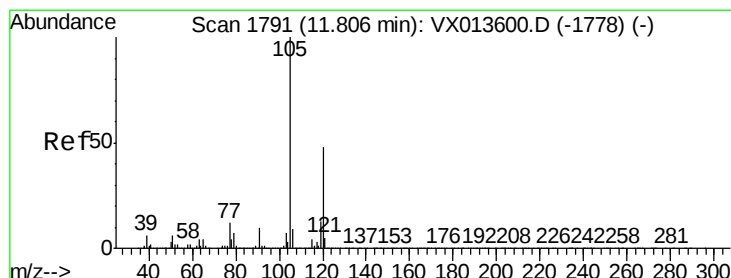
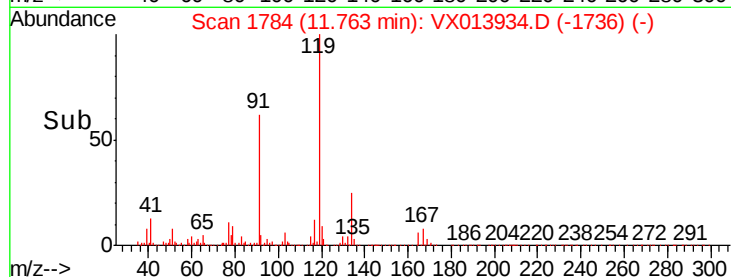
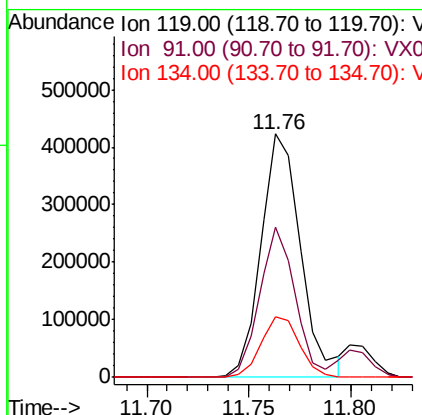
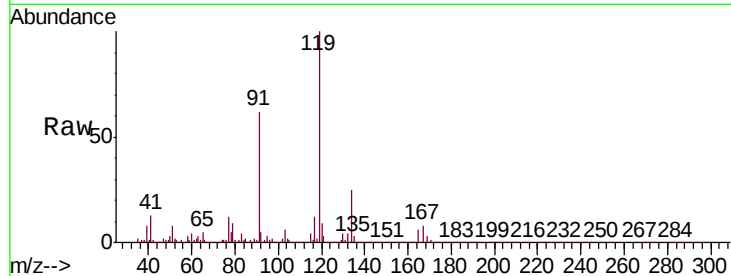




#83
 tert-Butylbenzene
 Concen: 20.423 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX013934.D
 Acq: 11 Dec 2019 11:05

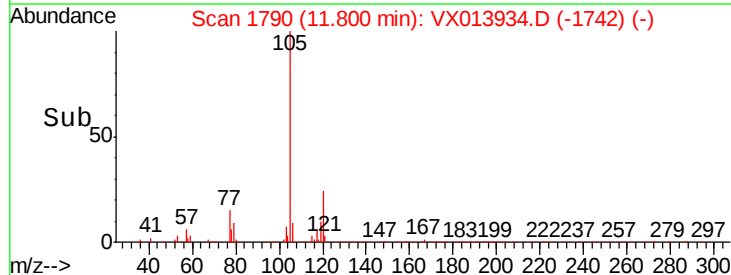
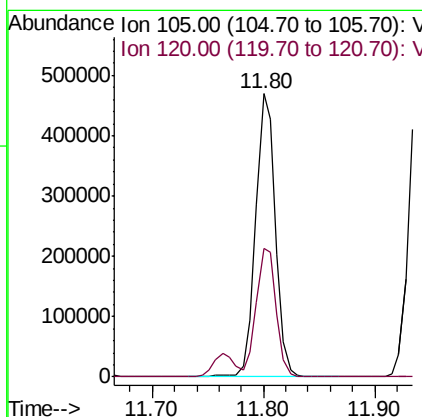
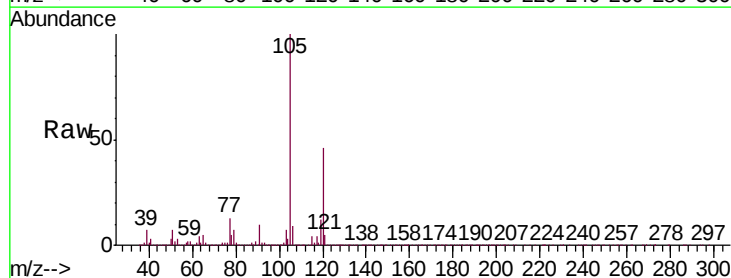
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBS01

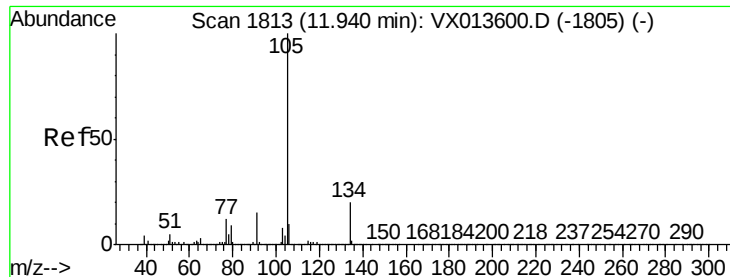
Tgt Ion	Ratio	Lower	Upper
119	100		
91	55.4	27.2	81.6
134	24.2	11.7	35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.665 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX013934.D
 Acq: 11 Dec 2019 11:05

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.1	69.3





#85

sec-Butylbenzene

Concen: 21.439 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

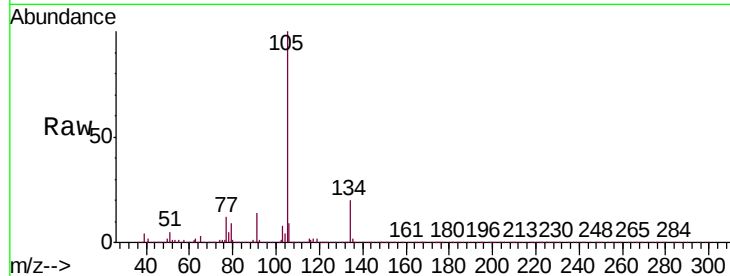
VX1211WBS01

Tgt Ion:105 Resp: 685851

Ion Ratio Lower Upper

105 100

134 20.4 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

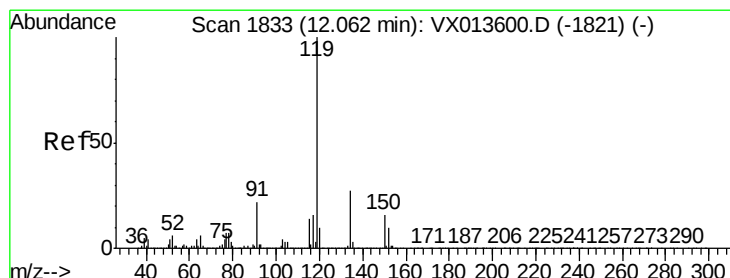
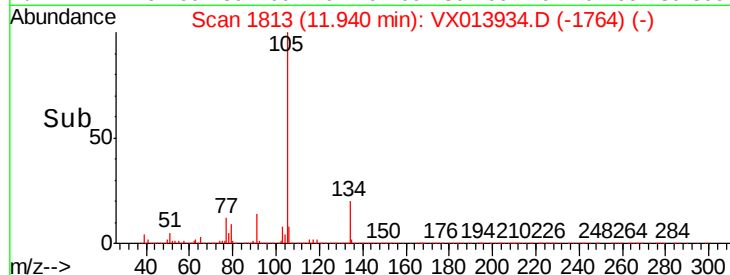
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.805 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

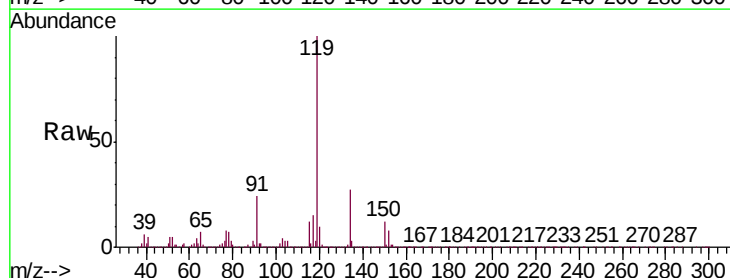
Tgt Ion:119 Resp: 619186

Ion Ratio Lower Upper

119 100

134 27.2 13.3 39.9

91 23.4 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

600000

500000

400000

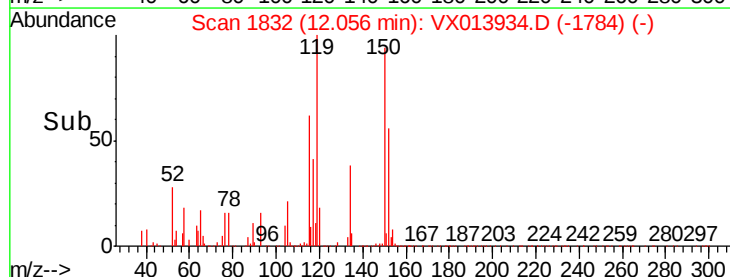
300000

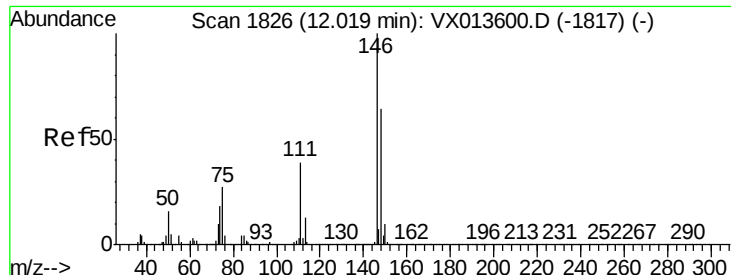
200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.386 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS01

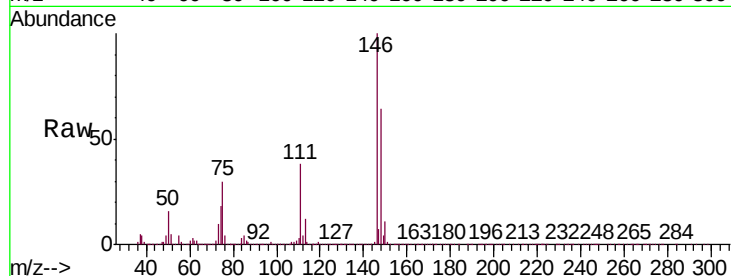
Tgt Ion:146 Resp: 322798

Ion Ratio Lower Upper

146 100

111 37.4 19.0 57.0

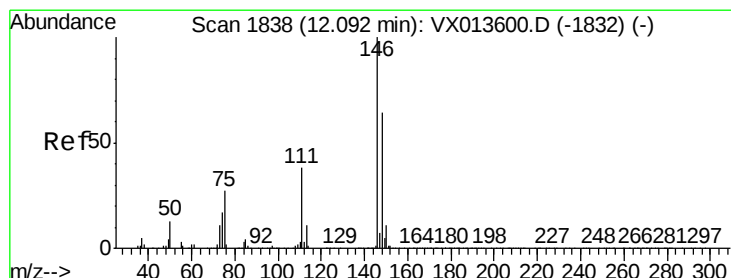
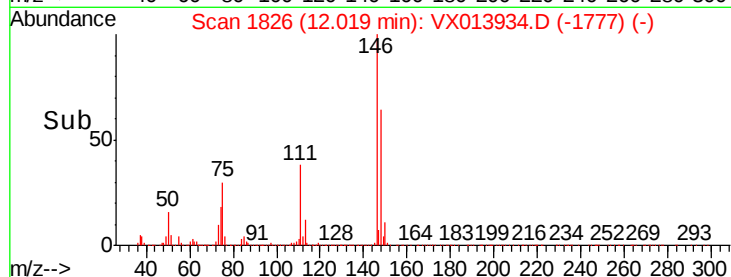
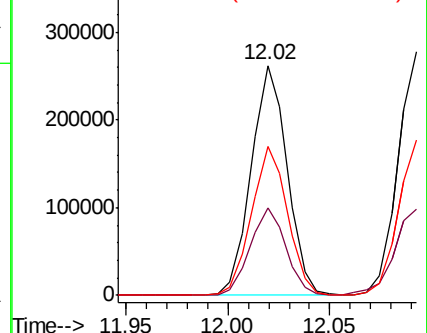
148 64.5 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.402 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

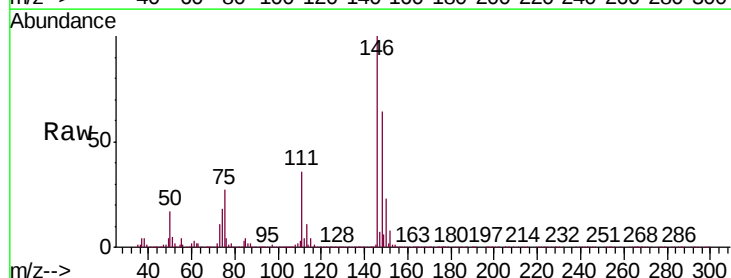
Tgt Ion:146 Resp: 329054

Ion Ratio Lower Upper

146 100

111 37.8 18.9 56.9

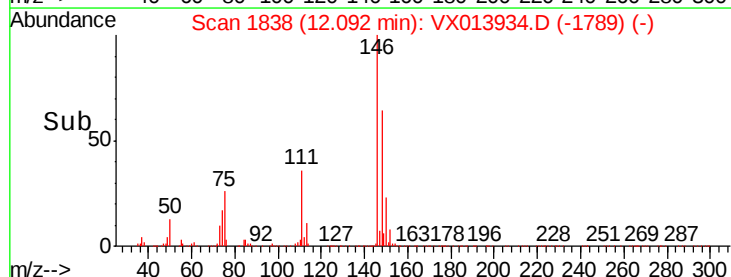
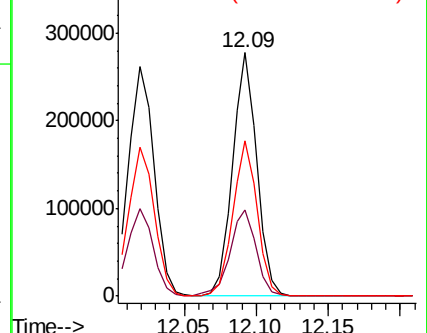
148 64.1 31.9 95.5

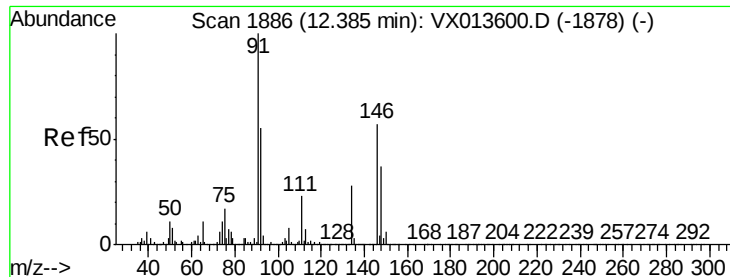


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

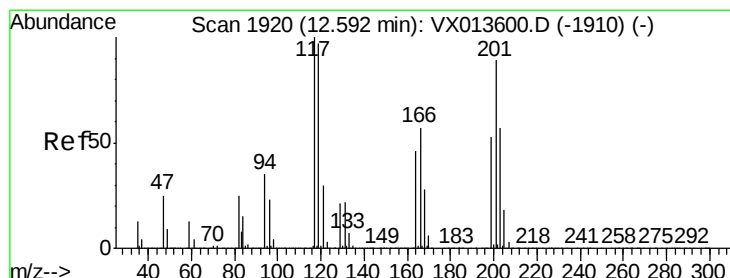
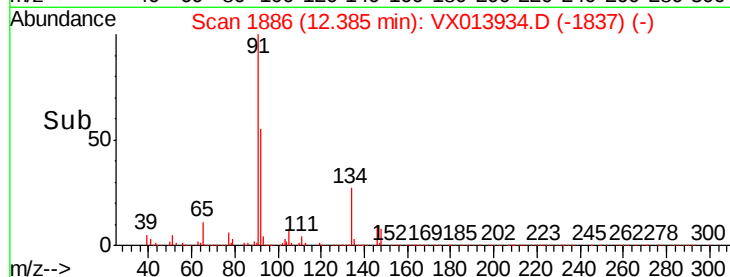
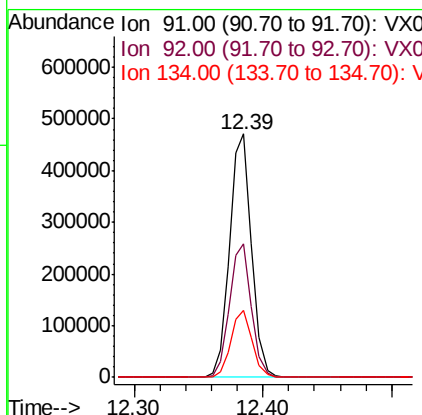
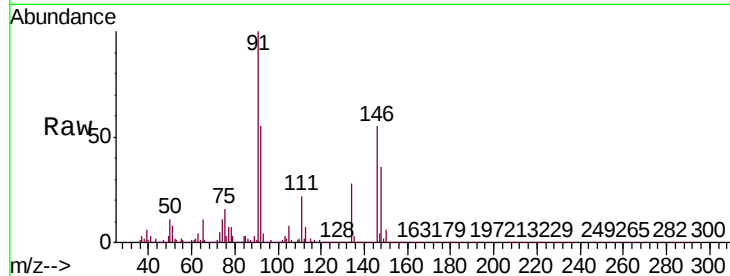




#89
n-Butylbenzene
Concen: 22.097 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

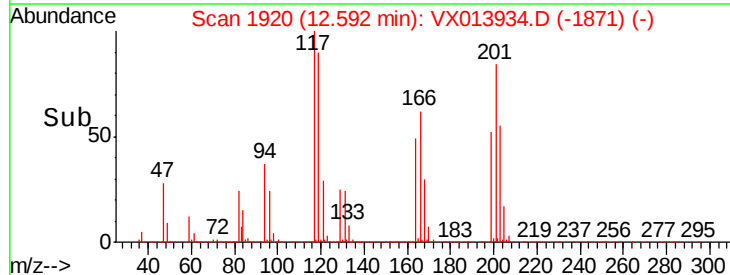
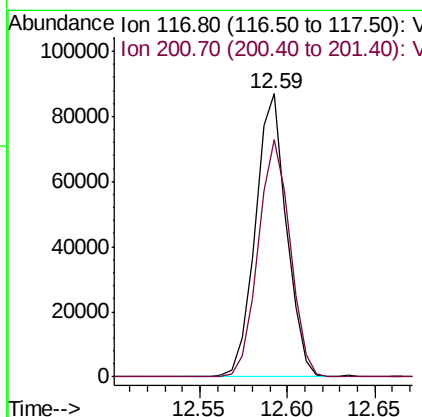
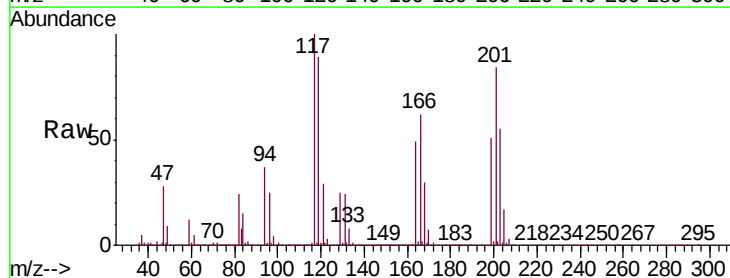
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS01

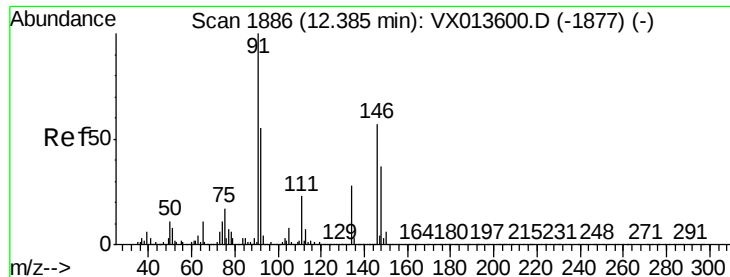
Tgt Ion: 91 Resp: 560888
Ion Ratio Lower Upper
91 100
92 54.7 27.4 82.2
134 26.7 13.5 40.4



#90
Hexachloroethane
Concen: 19.963 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Tgt Ion: 117 Resp: 107386
Ion Ratio Lower Upper
117 100
201 85.6 44.1 132.4

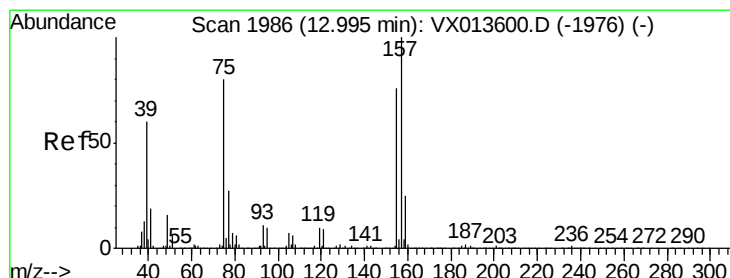
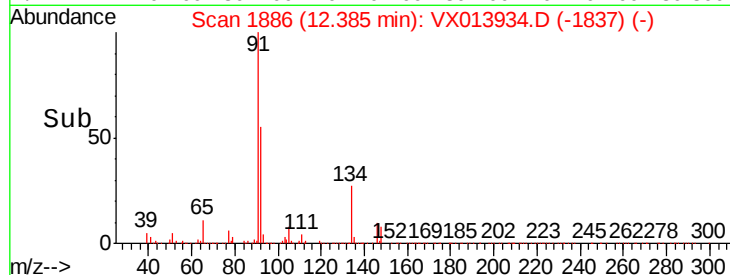
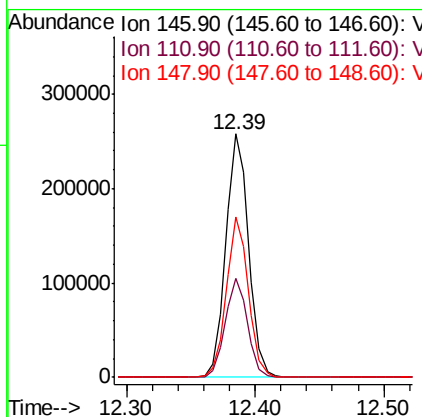
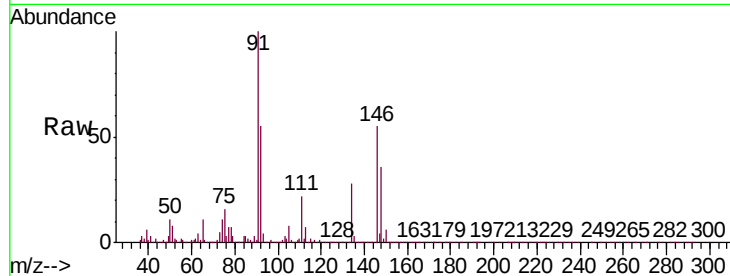




#91
 1,2-Dichlorobenzene
 Concen: 20.482 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013934.D
 Acq: 11 Dec 2019 11:05

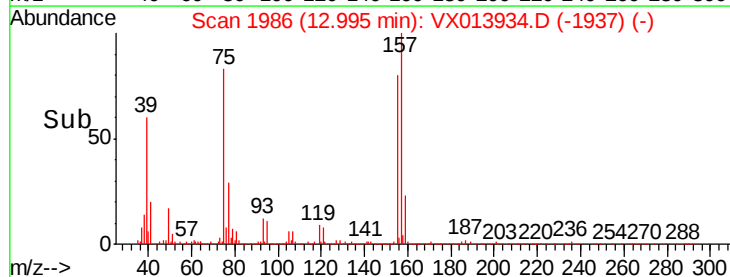
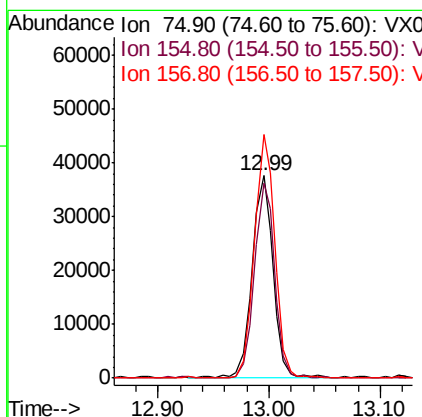
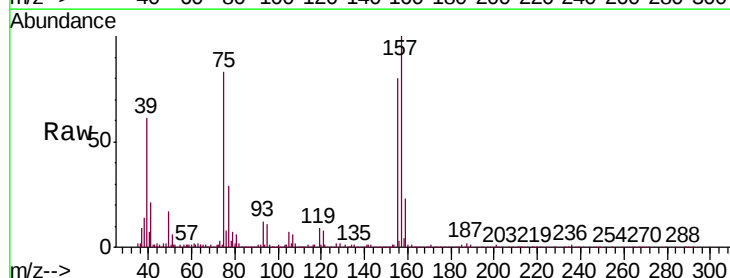
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBS01

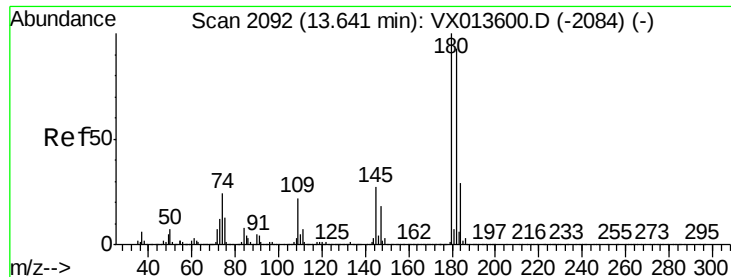
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.6	58.7
148	63.7	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.308 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013934.D
 Acq: 11 Dec 2019 11:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.7	47.6	142.8
157	116.7	62.1	186.2

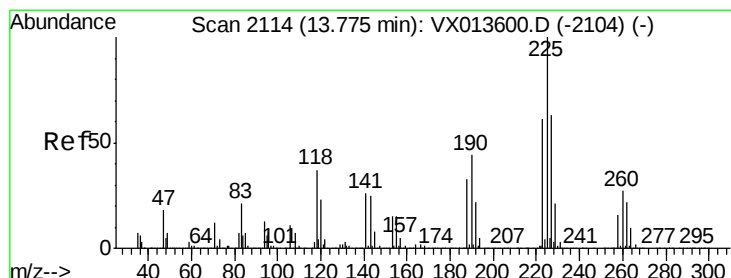
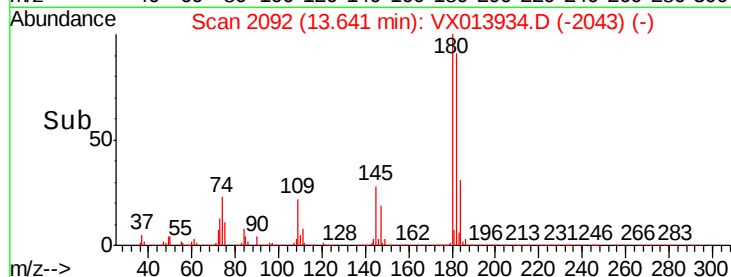
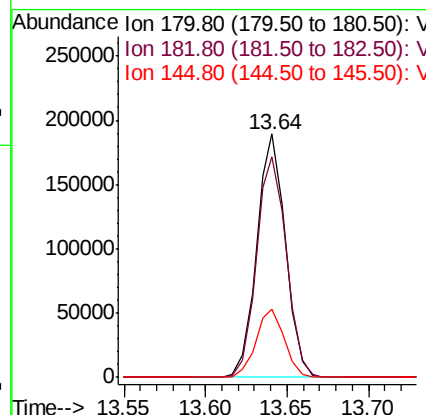
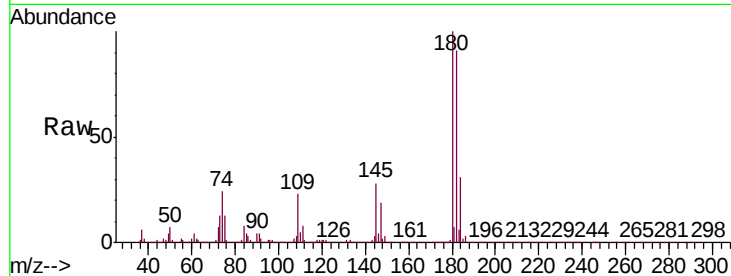




#93
 1,2,4-Trichlorobenzene
 Concen: 21.222 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013934.D
 Acq: 11 Dec 2019 11:05

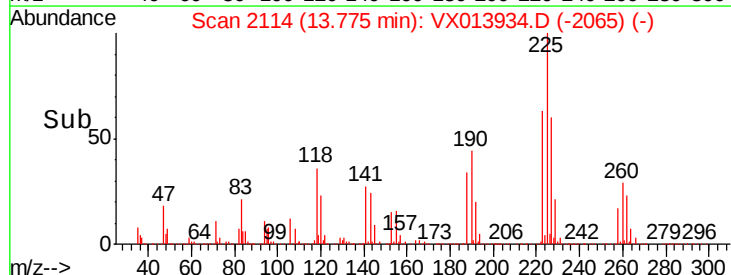
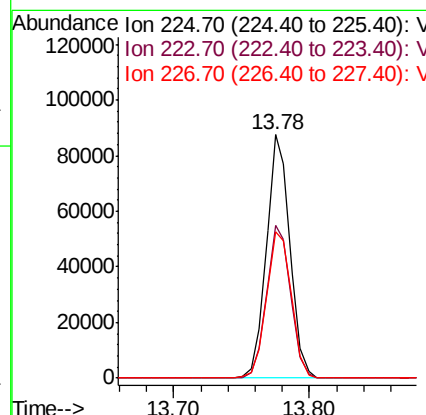
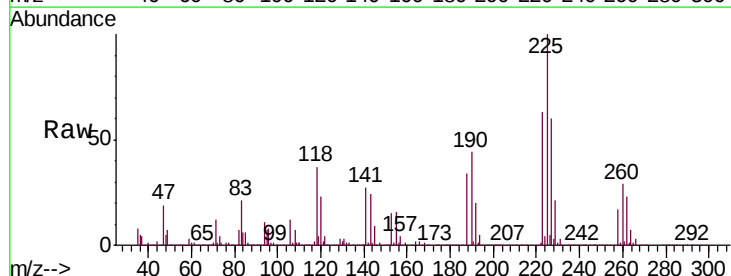
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBS01

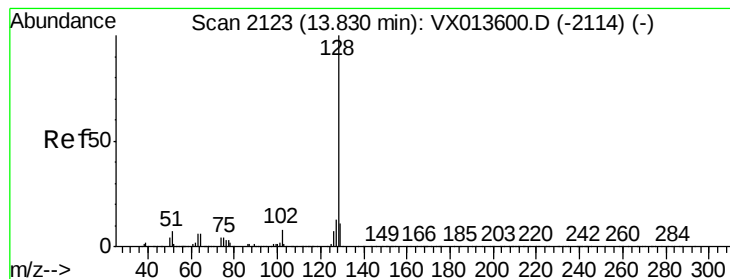
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.2	141.6
145	28.2	13.8	41.4



#94
 Hexachlorobutadiene
 Concen: 20.311 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013934.D
 Acq: 11 Dec 2019 11:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	31.9	95.5
227	63.4	32.1	96.3





#95

Naphthalene

Concen: 20.167 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS01

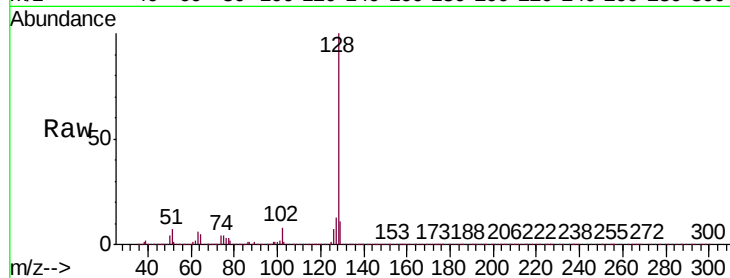
Tgt Ion:128 Resp: 654835

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

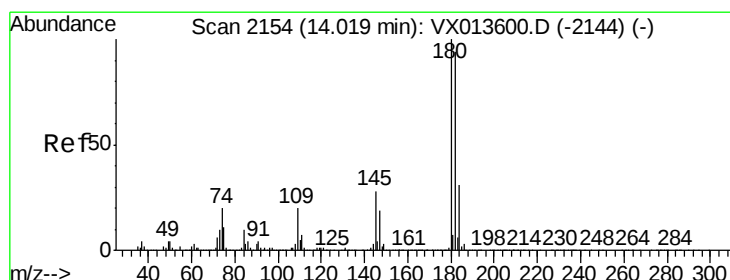
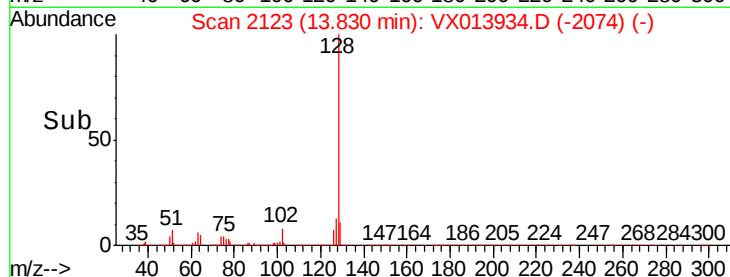
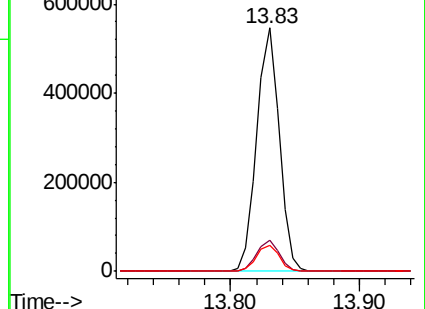
129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.891 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.01 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

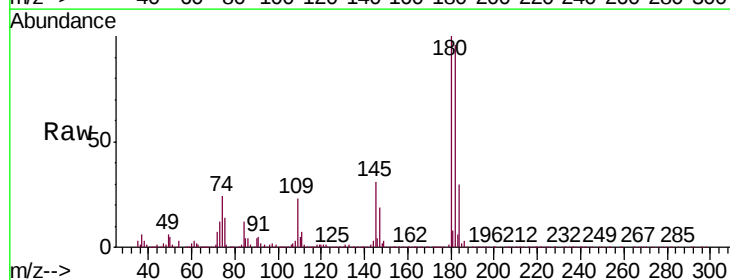
Tgt Ion:180 Resp: 225540

Ion Ratio Lower Upper

180 100

182 96.0 47.6 142.8

145 29.8 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

