

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121018\
 Data File : VX006363.D
 Acq On : 10 Dec 2018 12:12
 Operator : JC/MD
 Sample : VX1210WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

Quant Time: Dec 11 03:55:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	777671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1132088	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	991407	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	507706	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	390613	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
35) Dibromofluoromethane	5.51	113	379302	51.75	ug/l	0.01
Spiked Amount	50.000		Recovery	=	103.50%	
50) Toluene-d8	8.71	98	1316225	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
62) 4-Bromofluorobenzene	11.13	95	491431	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	143185	18.804	ug/l	100
3) Chloromethane	1.34	50	131225	16.770	ug/l	99
4) Vinyl Chloride	1.42	62	152584	18.118	ug/l	99
5) Bromomethane	1.65	94	115016	19.706	ug/l	100
6) Chloroethane	1.73	64	99066	19.185	ug/l	100
7) Trichlorofluoromethane	1.94	101	237459	18.369	ug/l	98
8) Diethyl Ether	2.20	74	93246	19.059	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	137466	18.701	ug/l	99
10) Methyl Iodide	2.52	142	194720	17.577	ug/l	98
11) Tert butyl alcohol	3.07	59	194053	89.381	ug/l	99
12) 1,1-Dichloroethene	2.39	96	127882	18.173	ug/l	91
13) Acrolein	2.31	56	95105	80.147	ug/l	97
14) Allyl chloride	2.74	41	236037	16.980	ug/l	98
15) Acrylonitrile	3.15	53	405614	89.529	ug/l	99
16) Acetone	2.45	43	352721	94.675	ug/l	94
17) Carbon Disulfide	2.58	76	338854	15.627	ug/l	100
18) Methyl Acetate	2.79	43	235578	18.908	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	470405	18.739	ug/l	99
20) Methylene Chloride	2.87	84	145703	18.376	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	132905	17.723	ug/l	95
22) Diisopropyl ether	3.88	45	417370	19.223	ug/l	98
23) Vinyl Acetate	3.83	43	1721630	92.968	ug/l	98
24) 1,1-Dichloroethane	3.70	63	238556	19.223	ug/l	98
25) 2-Butanone	4.70	43	506979	95.370	ug/l	99
26) 2,2-Dichloropropane	4.59	77	219534	19.168	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	166026	19.849	ug/l	98
28) Bromochloromethane	5.03	49	110900	20.459	ug/l	99
29) Tetrahydrofuran	5.16	42	338521	91.627	ug/l	98
30) Chloroform	5.22	83	257213	19.723	ug/l	99
31) Cyclohexane	5.58	56	203208	17.718	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	236125	19.029	ug/l	100
36) 1,1-Dichloropropene	5.81	75	179661	18.846	ug/l	99
37) Ethyl Acetate	4.86	43	196989	18.451	ug/l	98
38) Carbon Tetrachloride	5.79	117	214177	19.097	ug/l	99

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

Quant Time: Dec 11 03:55:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	230267	18.608	ug/l	97
40) Benzene	6.15	78	551820	19.326	ug/l	100
41) Methacrylonitrile	5.07	41	108276	18.431	ug/l	99
42) 1,2-Dichloroethane	6.20	62	184435	19.736	ug/l	99
43) Isopropyl Acetate	6.46	43	321428	18.058	ug/l	99
44) Trichloroethene	7.21	130	164495	19.017	ug/l	98
45) 1,2-Dichloropropane	7.52	63	138684	19.111	ug/l	98
46) Dibromomethane	7.66	93	102603	19.577	ug/l	98
47) Bromodichloromethane	7.90	83	192883	19.004	ug/l	97
48) Methyl methacrylate	7.77	41	158918	18.352	ug/l	97
49) 1,4-Dioxane	7.76	88	81298	380.916	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	958258	92.476	ug/l	99
52) Toluene	8.79	92	355151	18.906	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	214752	18.092	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	229833	18.647	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	153101	20.062	ug/l	96
56) Ethyl methacrylate	9.18	69	225322	18.886	ug/l	96
57) 1,3-Dichloropropane	9.37	76	239701	19.863	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	596781	98.573	ug/l	98
59) 2-Hexanone	9.49	43	732279	92.497	ug/l	99
60) Dibromochloromethane	9.59	129	174696	18.564	ug/l	99
61) 1,2-Dibromoethane	9.67	107	162805	19.079	ug/l	100
64) Tetrachloroethene	9.34	164	147956	19.817	ug/l	98
65) Chlorobenzene	10.14	112	415489	19.743	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	162743	19.903	ug/l	99
67) Ethyl Benzene	10.25	91	677028	19.342	ug/l	99
68) m/p-Xylenes	10.36	106	544659	38.846	ug/l	99
69) o-Xylene	10.70	106	269482	19.458	ug/l	100
70) Styrene	10.71	104	431495	19.264	ug/l	99
71) Bromoform	10.86	173	138576	17.953	ug/l #	99
73) Isopropylbenzene	11.02	105	715824	20.416	ug/l	100
74) N-amyl acetate	10.90	43	276556	18.317	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	226882	20.227	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	263762	26.916	ug/l	87
77) Bromobenzene	11.26	156	197658	20.314	ug/l	99
78) n-propylbenzene	11.36	91	771489	19.795	ug/l	99
79) 2-Chlorotoluene	11.42	91	465067	20.076	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	591634	20.281	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	74496	17.840	ug/l	91
82) 4-Chlorotoluene	11.51	91	532437	19.769	ug/l	100
83) tert-Butylbenzene	11.77	119	632618	20.325	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	614041	20.384	ug/l	99
85) sec-Butylbenzene	11.94	105	717349	20.259	ug/l	99
86) p-Isopropyltoluene	12.06	119	641618	20.123	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	345589	19.961	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	343046	19.521	ug/l	99
89) n-Butylbenzene	12.39	91	528667	19.432	ug/l	100
90) Hexachloroethane	12.60	117	122296	18.819	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	344539	20.051	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	51735	17.992	ug/l	95

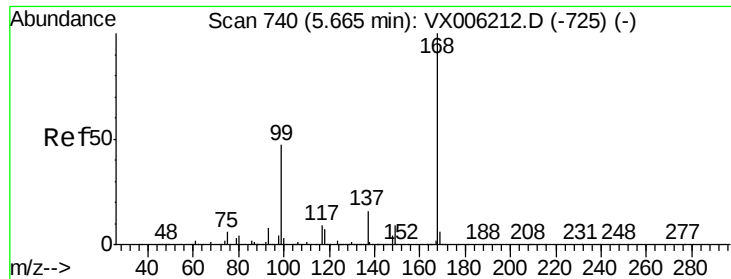
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121018\
Data File : VX006363.D
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Instrument :
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ClientSampleId :
VX1210WBS01

Quant Time: Dec 11 03:55:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	241996	19.304	ug/l	100
94) Hexachlorobutadiene	13.79	225	112910	20.366	ug/l	98
95) Naphthalene	13.83	128	757844	19.434	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	244179	19.665	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

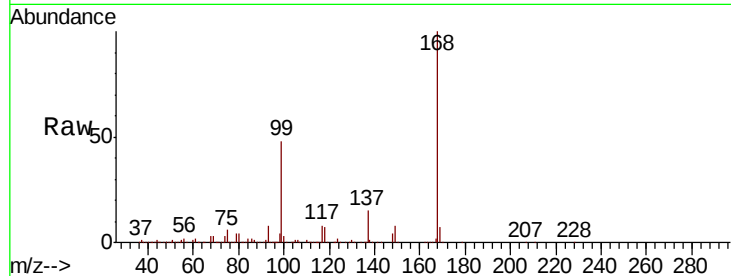
VX1210WBS01

Tot Ion:168 Resp: 777671

Ion Ratio Lower Upper

168 100

99 48.1 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

300000

250000

200000

150000

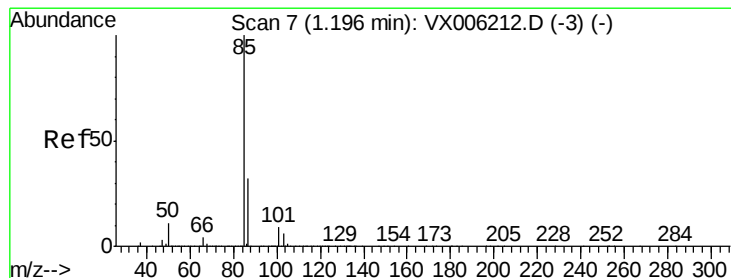
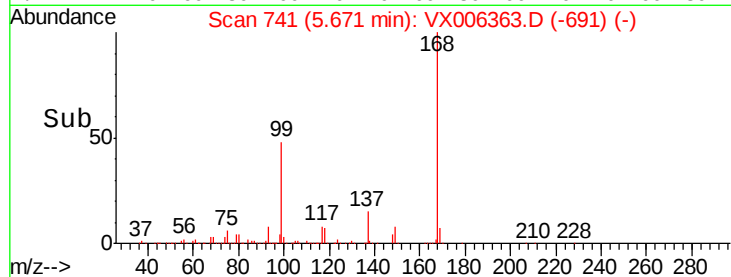
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.804 ug/l

RT: 1.21 min Scan# 9

Delta R.T. 0.01 min

Lab File: VX006363.D

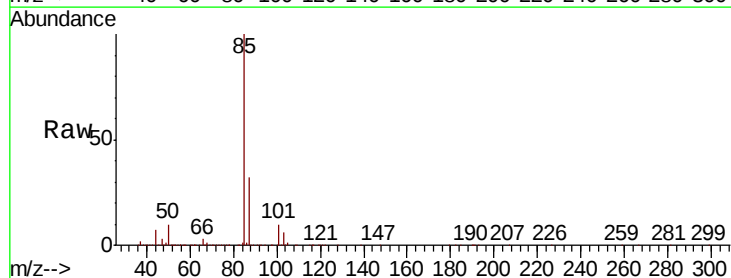
Acq: 10 Dec 2018 12:12

Tgt Ion: 85 Resp: 143185

Ion Ratio Lower Upper

85 100

87 32.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.21

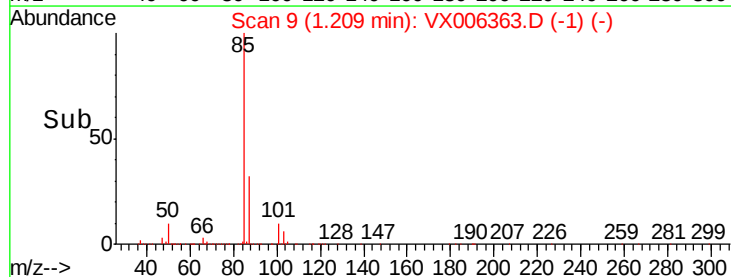
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50000

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Time-->

1.15 1.20 1.25 1.30

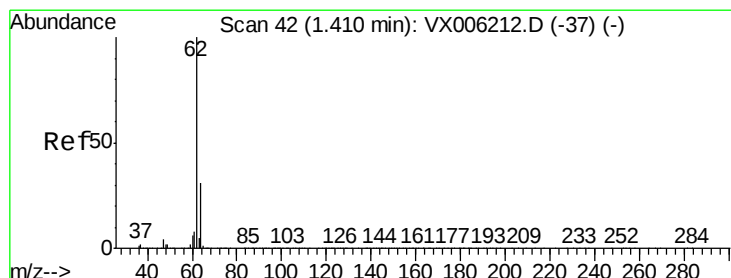
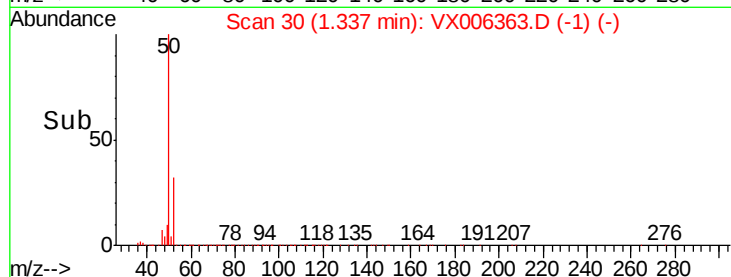
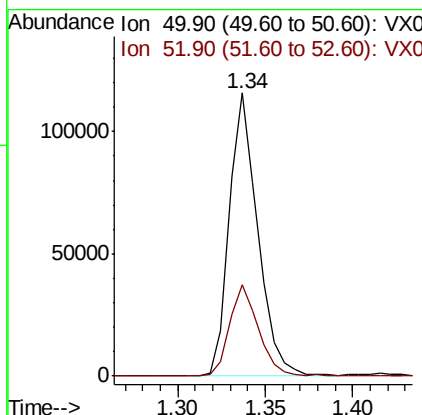
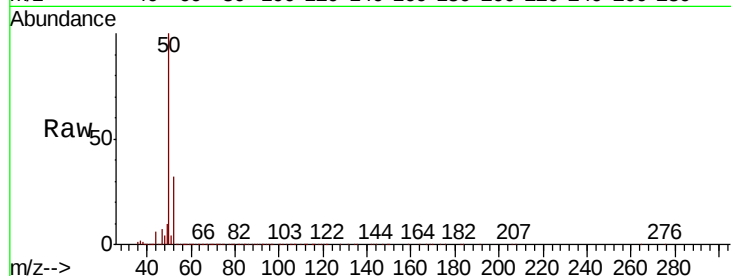




#3
Chloromethane
Concen: 16.770 ug/l
RT: 1.34 min Scan# 30
Delta R.T. 0.01 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

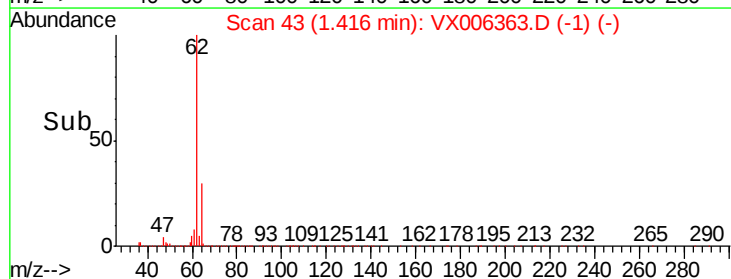
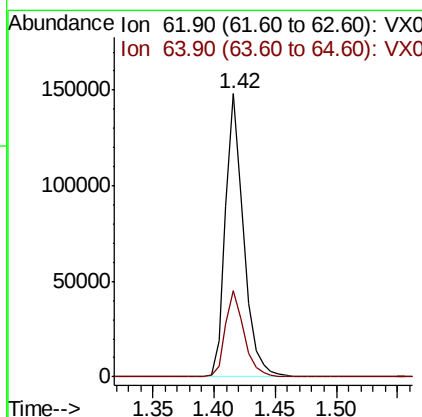
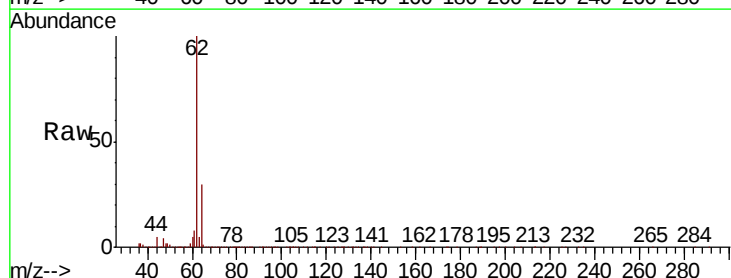
Instrument :
MSVOA_X
ClientSampled :
VX1210WBS01

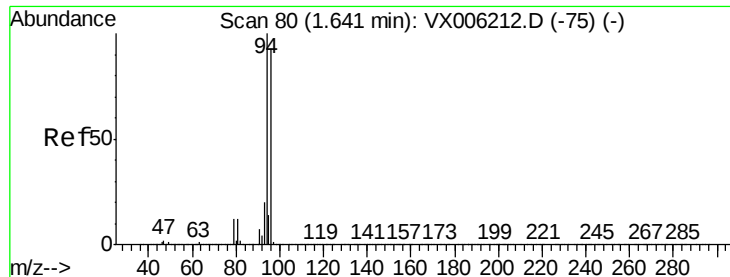
Tot Ion: 50 Resp: 131225
Ion Ratio Lower Upper
50 100
52 31.9 25.2 37.8



#4
Vinyl Chloride
Concen: 18.118 ug/l
RT: 1.42 min Scan# 43
Delta R.T. 0.01 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Tgt Ion: 62 Resp: 152584
Ion Ratio Lower Upper
62 100
64 30.3 24.9 37.3





#5

Bromomethane

Concen: 19.706 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

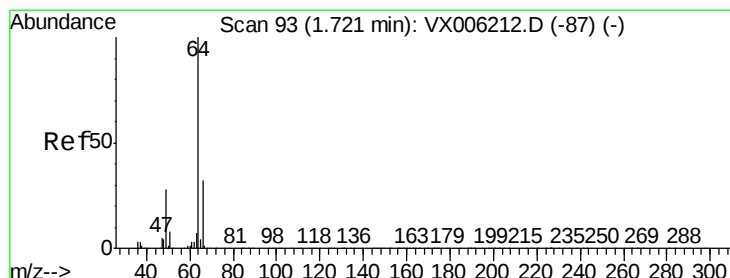
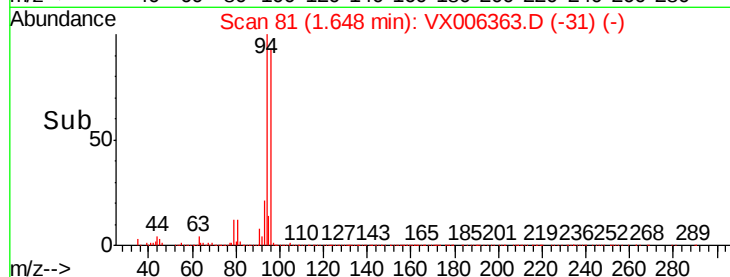
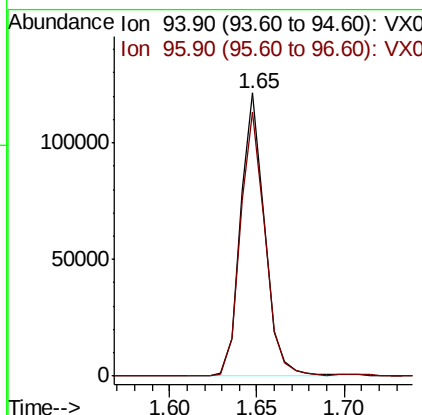
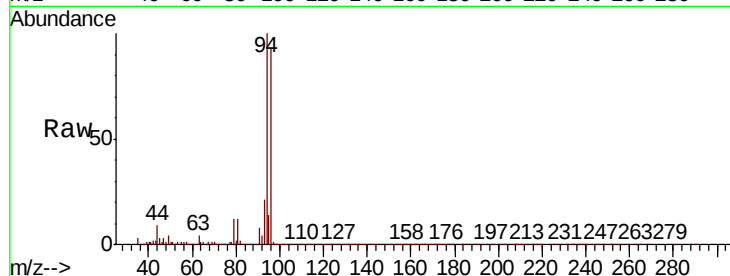
VX1210WBS01

Tot Ion: 94 Resp: 115016

Ion Ratio Lower Upper

94 100

96 93.1 74.5 111.7



#6

Chloroethane

Concen: 19.185 ug/l

RT: 1.73 min Scan# 95

Delta R.T. 0.01 min

Lab File: VX006363.D

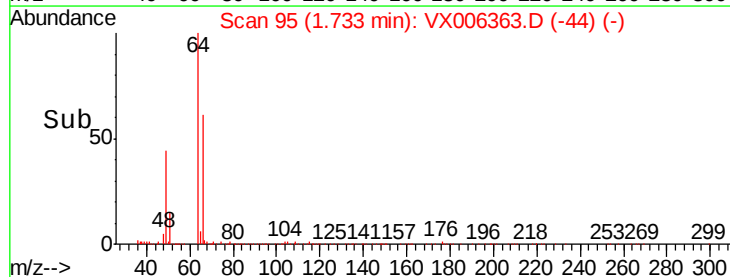
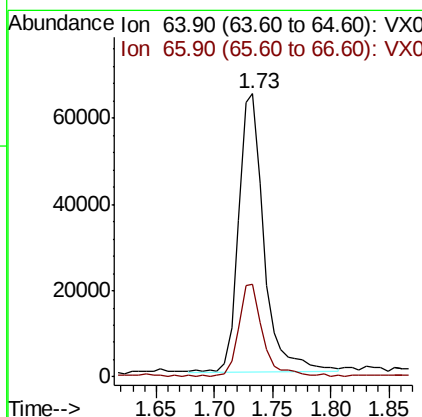
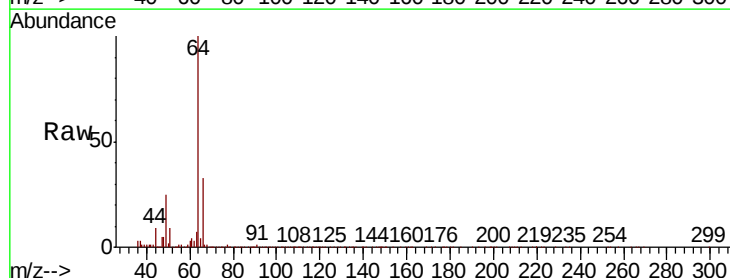
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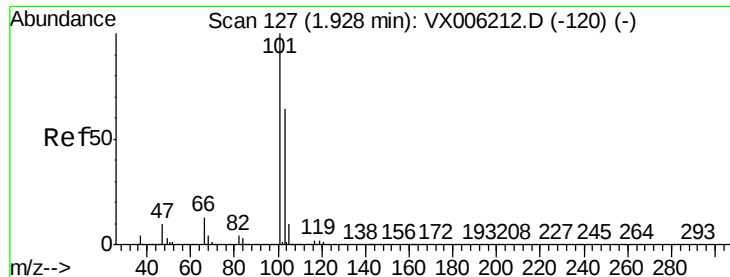
Tgt Ion: 64 Resp: 99066

Ion Ratio Lower Upper

64 100

66 32.6 25.9 38.9



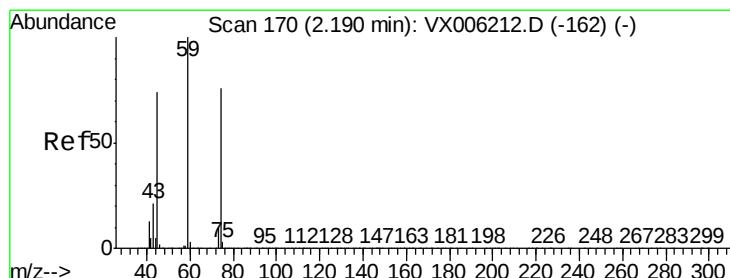
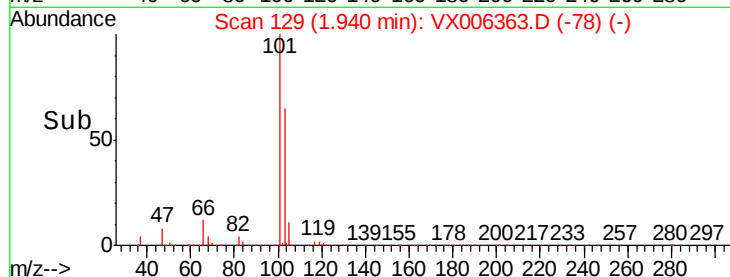
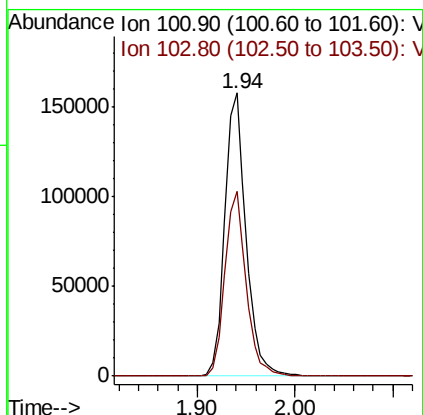
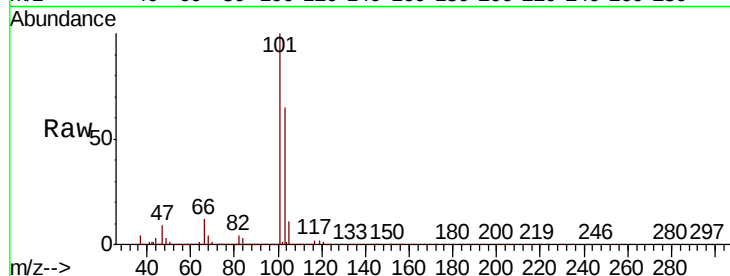


#7

Trichlorofluoromethane
Concen: 18.369 ug/l
RT: 1.94 min Scan# 129
Delta R.T. 0.01 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

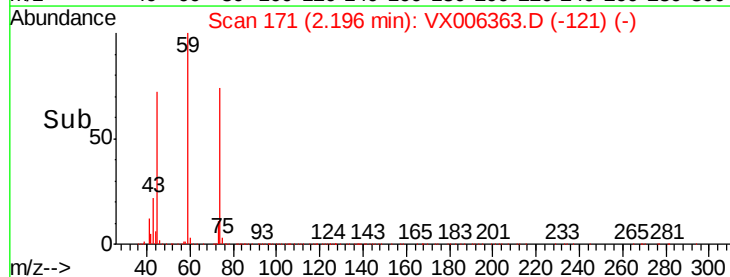
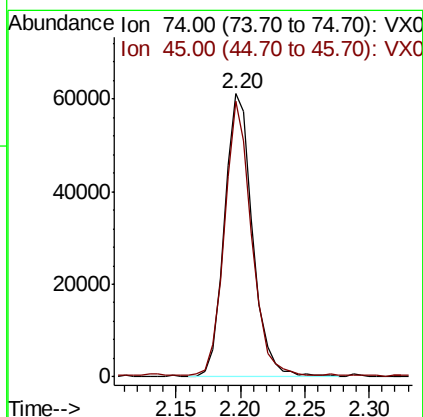
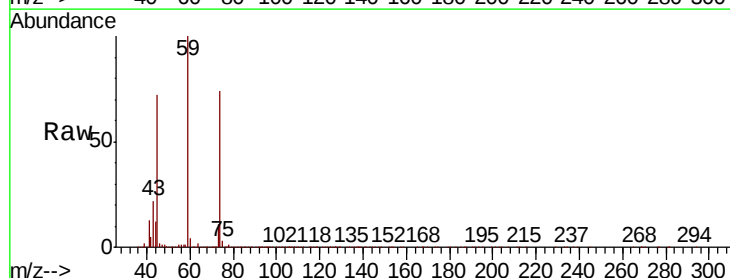
Tot Ion:101 Resp: 237459
Ion Ratio Lower Upper
101 100
103 65.4 51.0 76.4

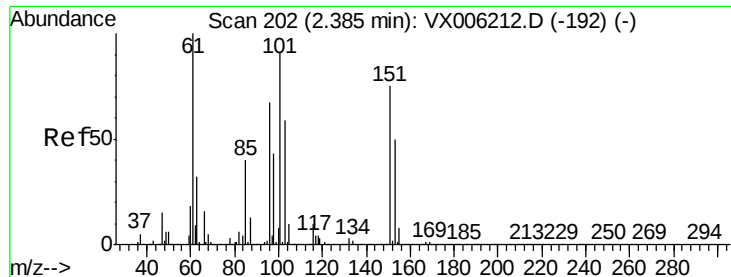


#8

Diethyl Ether
Concen: 19.059 ug/l
RT: 2.20 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Tgt Ion: 74 Resp: 93246
Ion Ratio Lower Upper
74 100
45 93.2 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.701 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

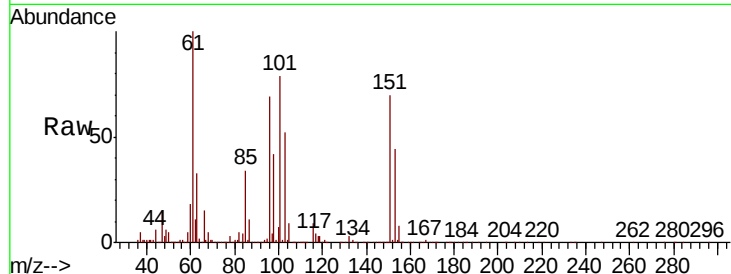
Tot Ion:101 Resp: 137466

Ion Ratio Lower Upper

101 100

85 44.3 35.5 53.3

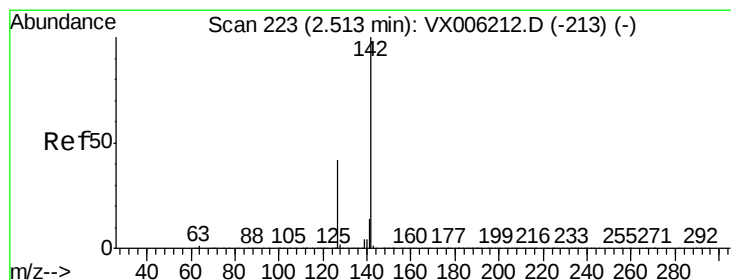
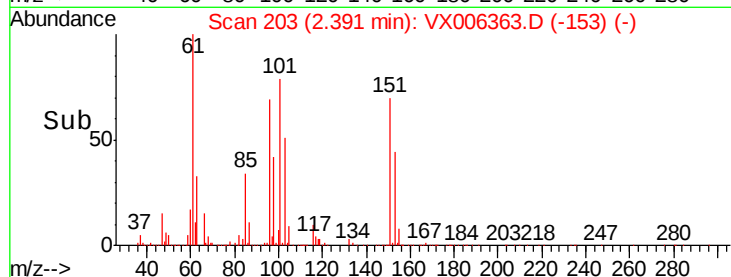
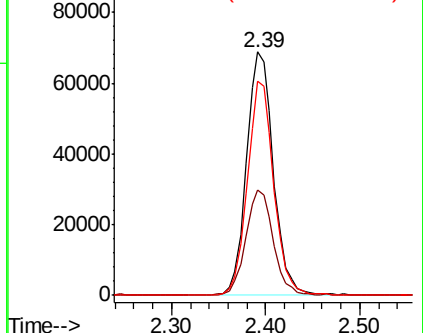
151 86.8 68.6 103.0



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: 17.577 ug/l

RT: 2.52 min Scan# 224

Delta R.T. 0.01 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

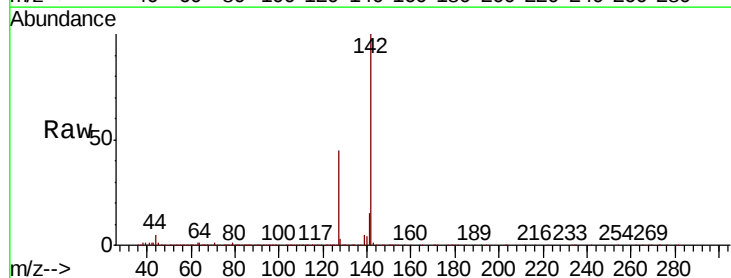
Tgt Ion:142 Resp: 194720

Ion Ratio Lower Upper

142 100

127 42.2 34.8 52.2

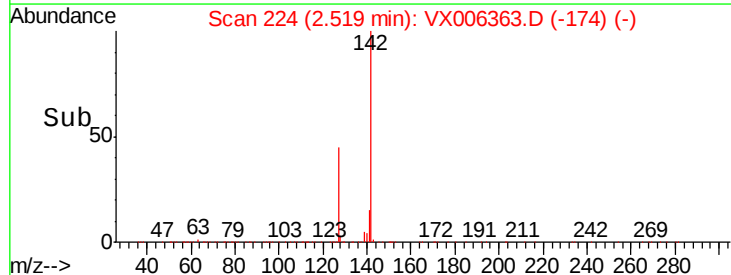
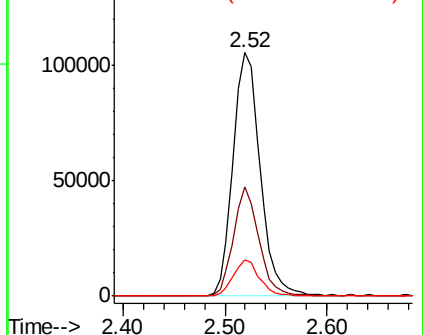
141 14.5 11.4 17.2

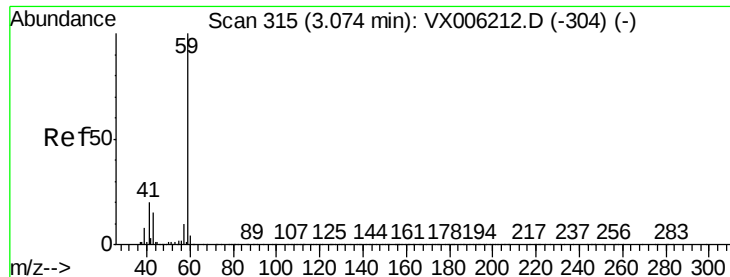


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



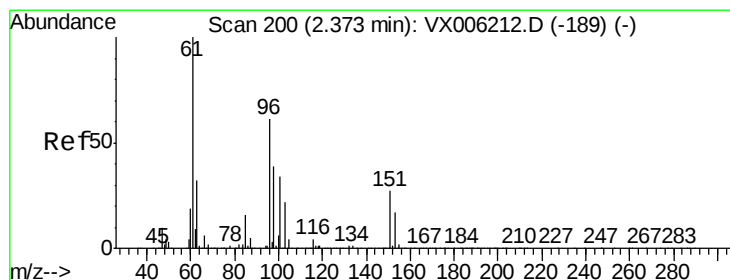
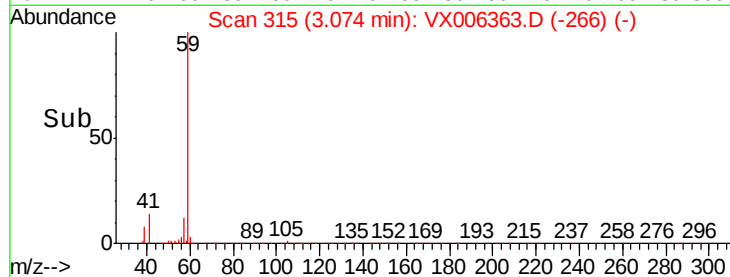
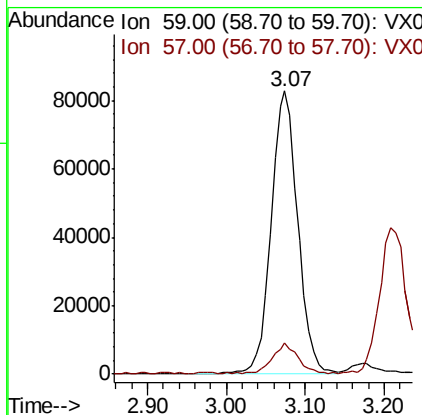
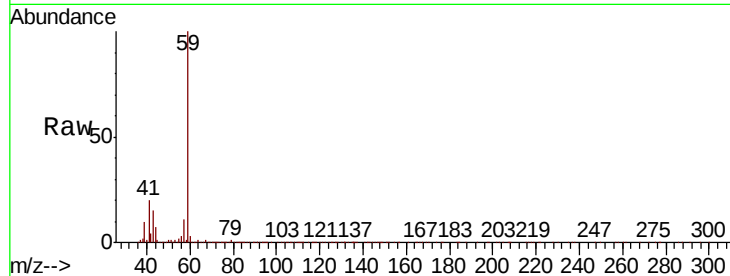


#11

Tert butyl alcohol
 Concen: 89.381 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. 0.00 min
 Lab File: VX006363.D
 Acq: 10 Dec 2018 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

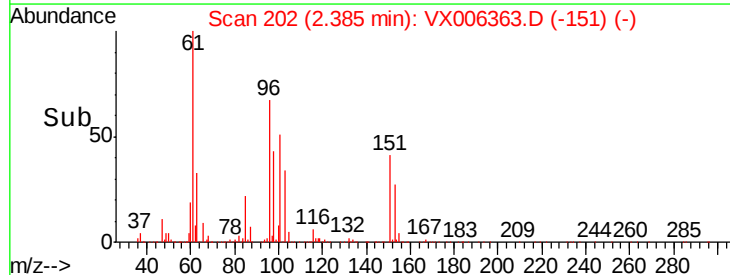
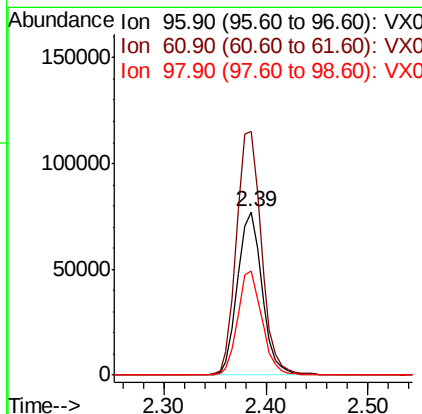
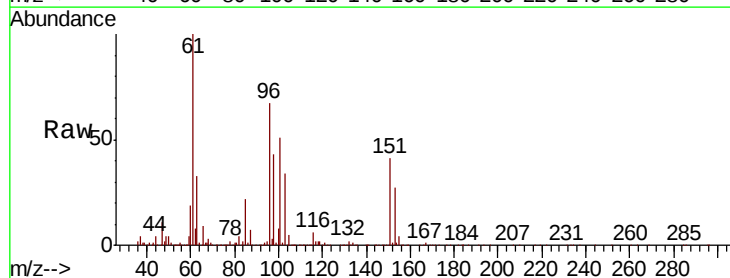
Tot Ion: 59 Resp: 194053
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.2 12.2

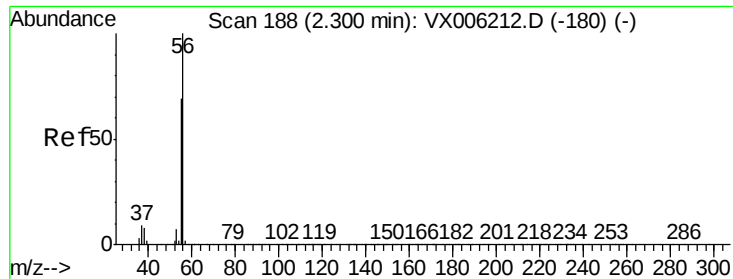


#12

1,1-Dichloroethene
 Concen: 18.173 ug/l
 RT: 2.39 min Scan# 202
 Delta R.T. 0.01 min
 Lab File: VX006363.D
 Acq: 10 Dec 2018 12:12

Tgt Ion: 96 Resp: 127882
 Ion Ratio Lower Upper
 96 100
 61 149.0 131.7 197.5
 98 63.7 51.8 77.6

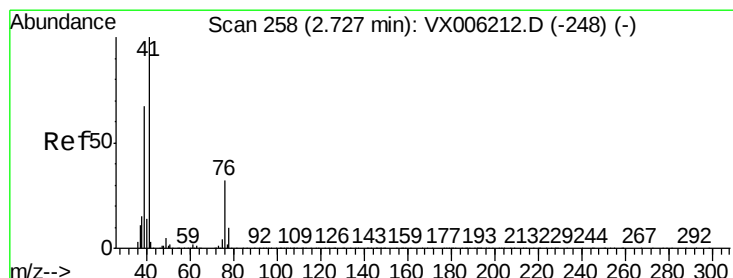
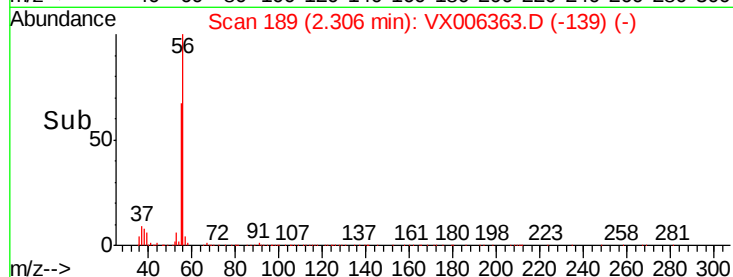
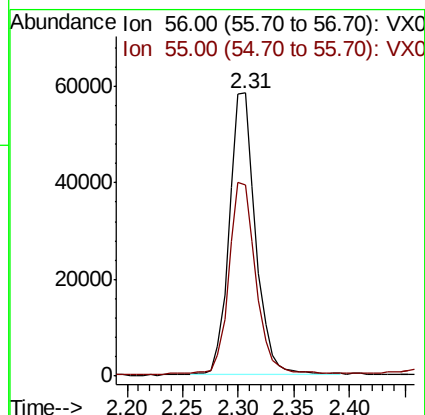
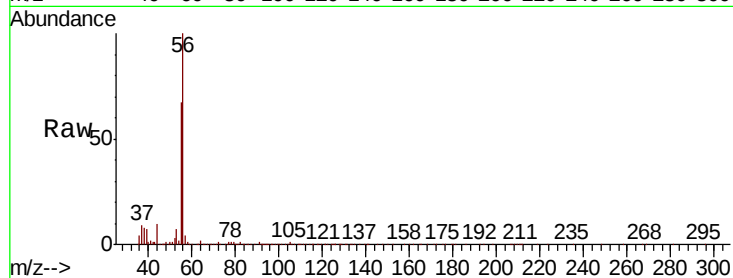




#13
Acrolein
Concen: 80.147 ug/l
RT: 2.31 min Scan# 189
Delta R.T. 0.01 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

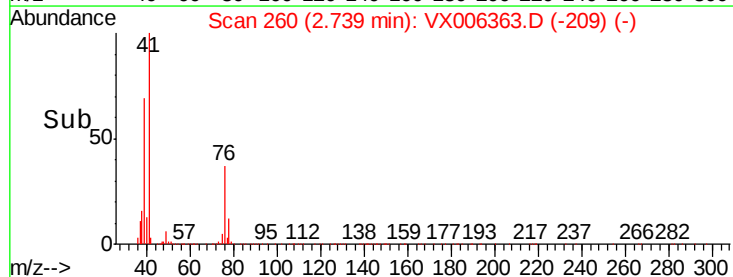
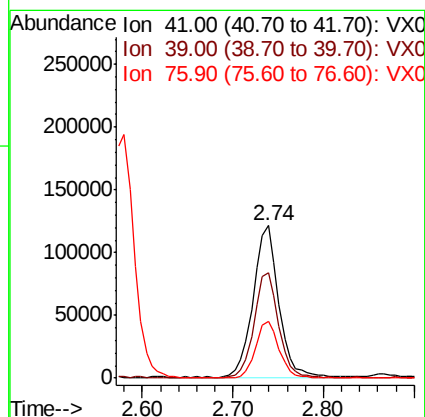
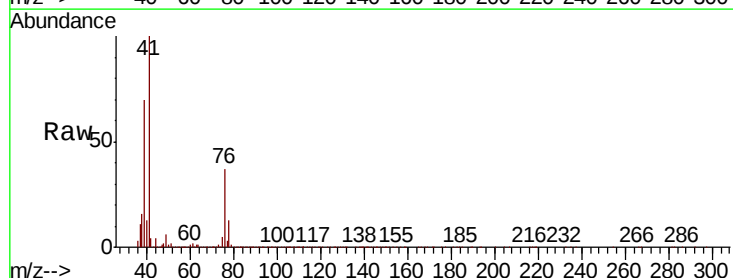
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

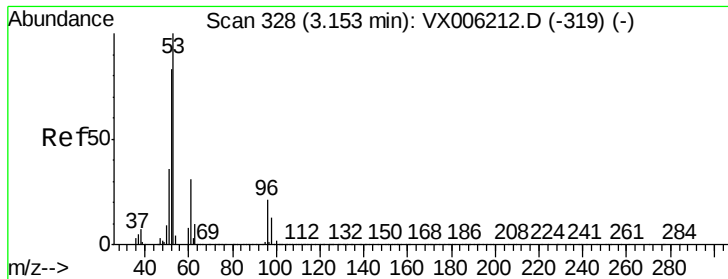
Tot Ion: 56 Resp: 95105
Ion Ratio Lower Upper
56 100
55 70.1 57.8 86.6



#14
Allyl chloride
Concen: 16.980 ug/l
RT: 2.74 min Scan# 260
Delta R.T. 0.01 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Tgt Ion: 41 Resp: 236037
Ion Ratio Lower Upper
41 100
39 66.1 52.4 78.6
76 34.5 25.4 38.0





#15

Acrylonitrile

Concen: 89.529 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

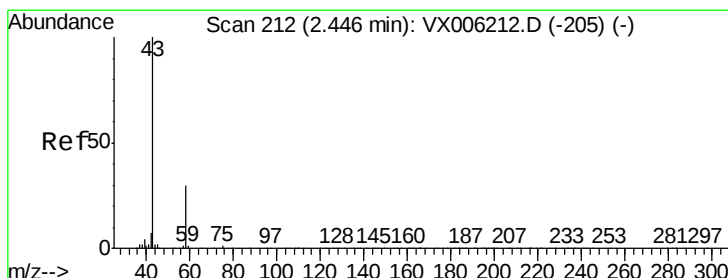
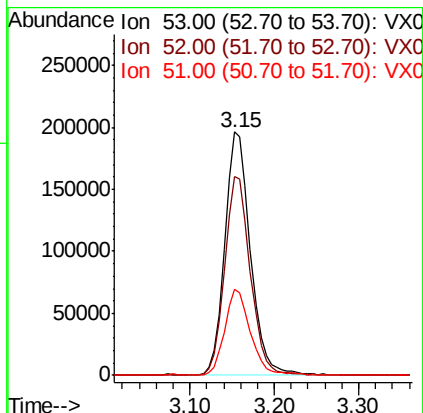
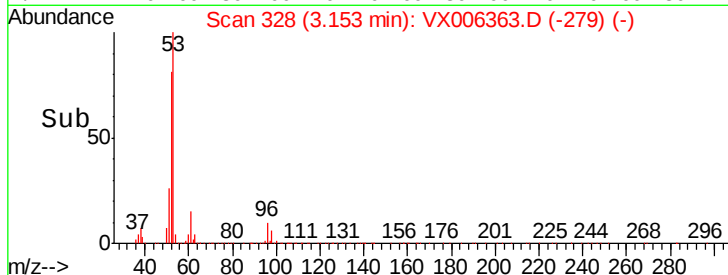
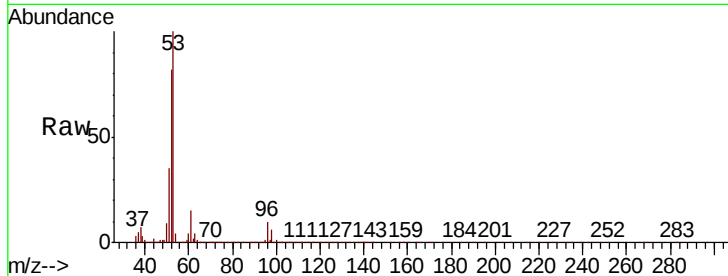
Tot Ion: 53 Resp: 405614

Ion Ratio Lower Upper

53 100

52 82.3 66.2 99.4

51 35.2 28.7 43.1



#16

Acetone

Concen: 94.675 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX006363.D

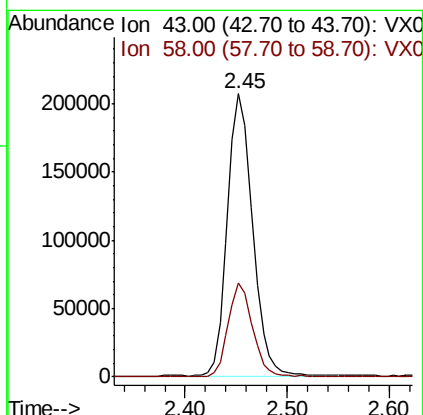
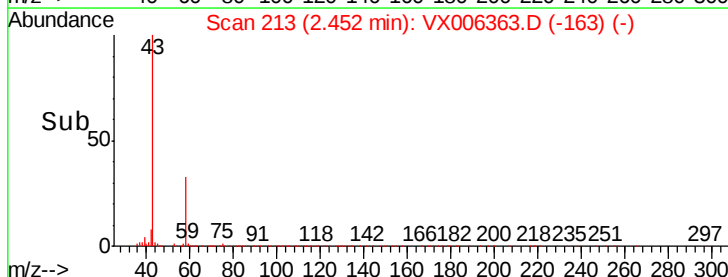
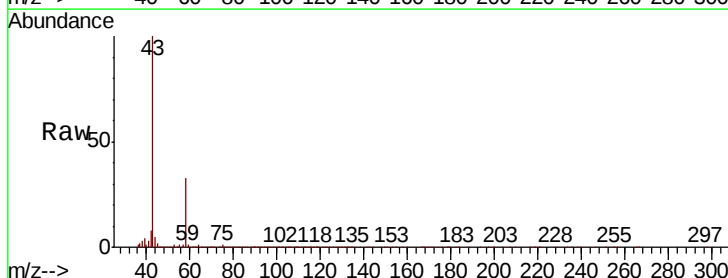
Acq: 10 Dec 2018 12:12

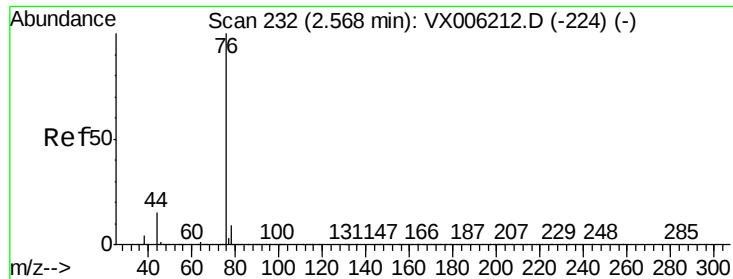
Tgt Ion: 43 Resp: 352721

Ion Ratio Lower Upper

43 100

58 33.4 24.0 36.0

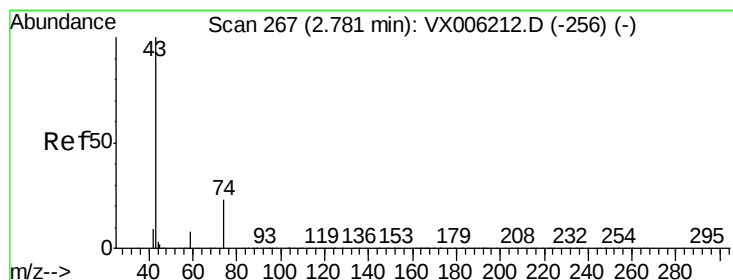
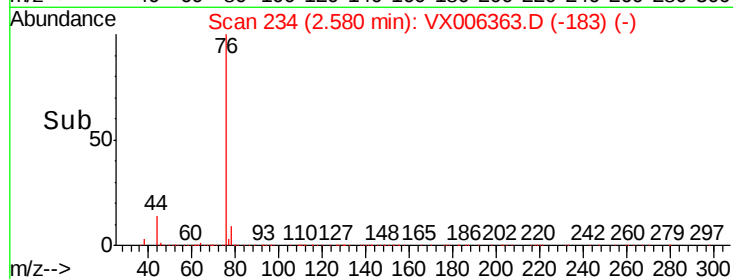
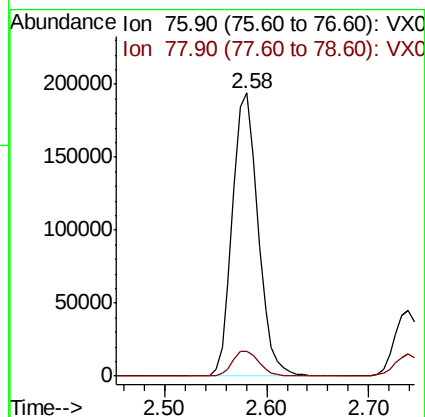
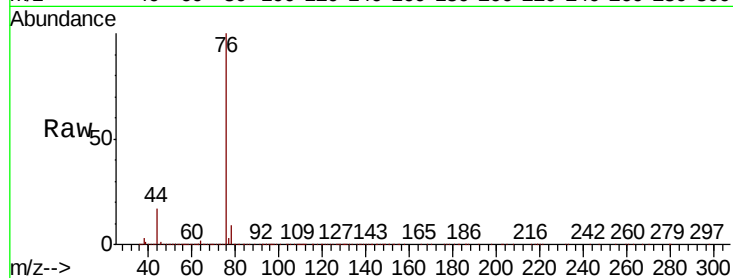




#17
Carbon Disulfide
Concen: 15.627 ug/l
RT: 2.58 min Scan# 234
Delta R.T. 0.01 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

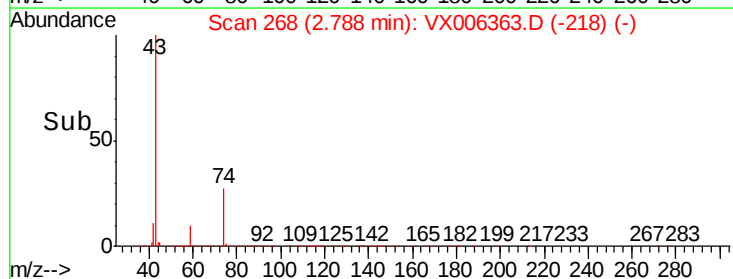
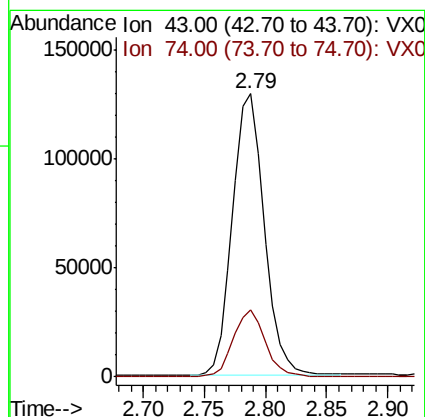
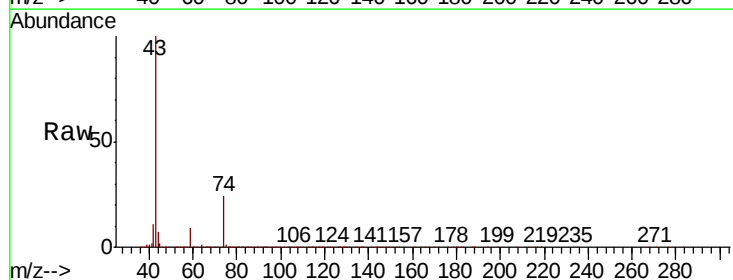
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

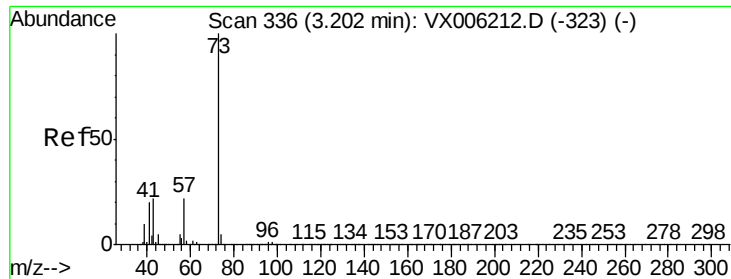
Tot Ion: 76 Resp: 338854
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



#18
Methyl Acetate
Concen: 18.908 ug/l
RT: 2.79 min Scan# 268
Delta R.T. 0.01 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Tgt Ion: 43 Resp: 235578
Ion Ratio Lower Upper
43 100
74 23.6 17.9 26.9

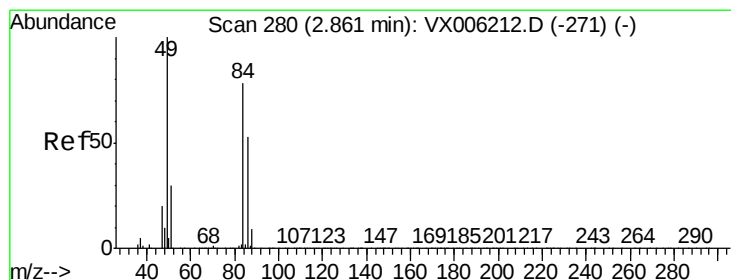
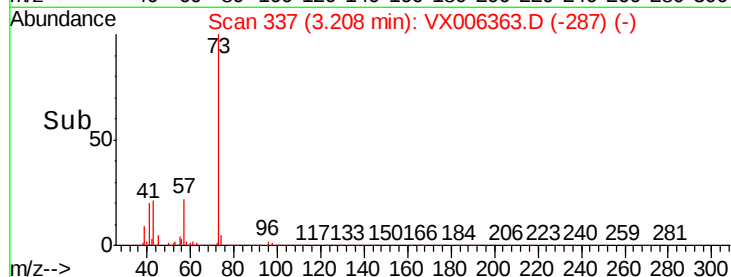
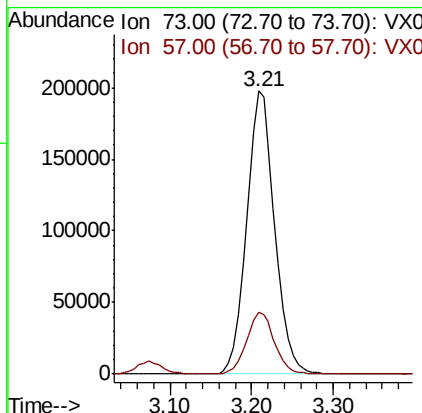
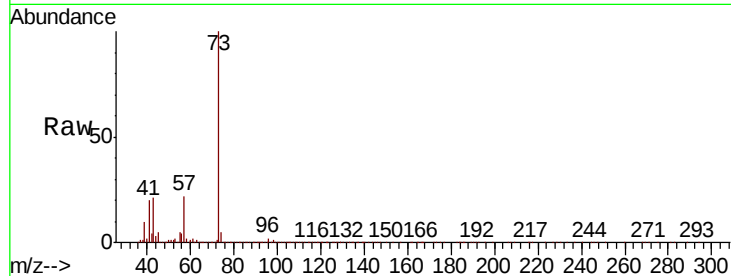




#19
Methvl tert-butvl Ether
Concen: 18.739 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

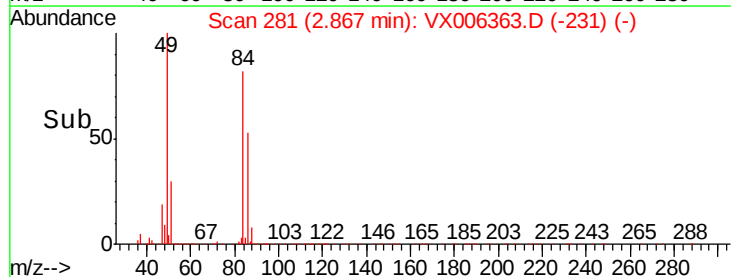
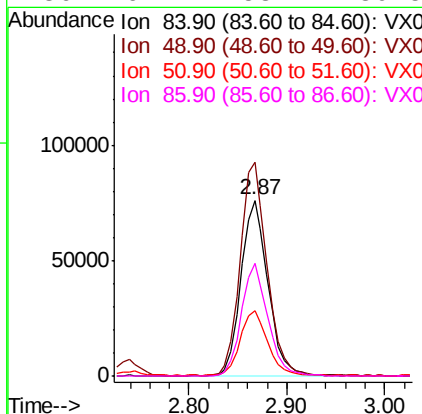
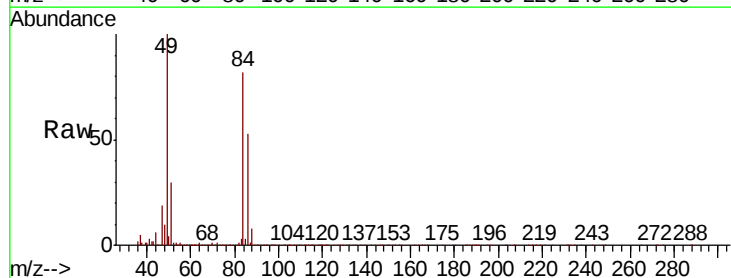
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

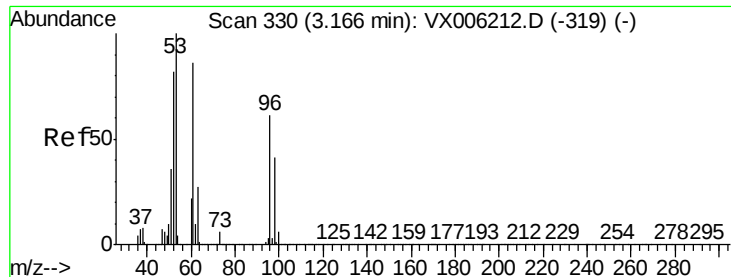
Tot Ion: 73 Resp: 470405
Ion Ratio Lower Upper
73 100
57 21.6 17.5 26.3



#20
Methylene Chloride
Concen: 18.376 ug/l
RT: 2.87 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Tgt Ion: 84 Resp: 145703
Ion Ratio Lower Upper
84 100
49 121.2 102.2 153.4
51 36.4 31.1 46.7
86 64.1 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 17.723 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

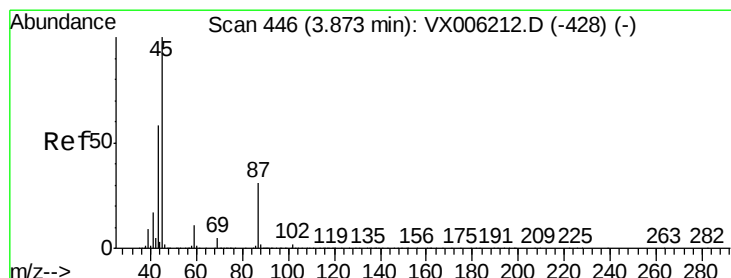
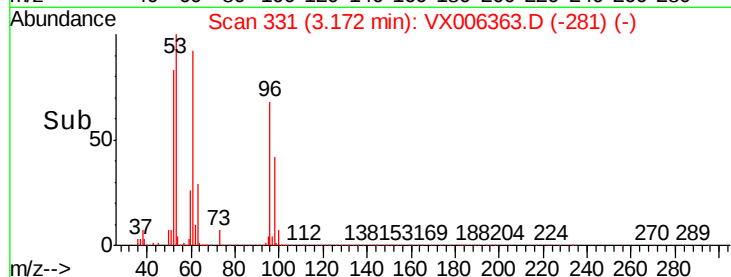
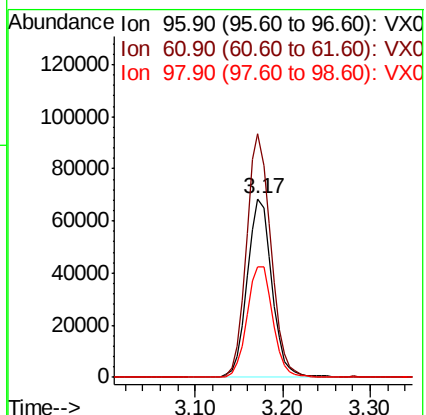
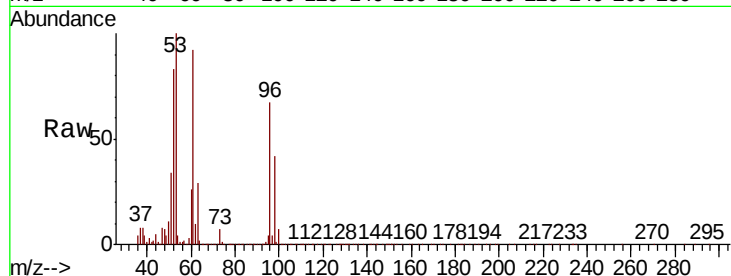
Tot Ion: 96 Resp: 132905

Ion Ratio Lower Upper

96 100

61 136.1 113.3 169.9

98 61.8 53.2 79.8



#22

Diisopropyl ether

Concen: 19.223 ug/l

RT: 3.88 min Scan# 447

Delta R.T. 0.01 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Tgt Ion: 45 Resp: 417370

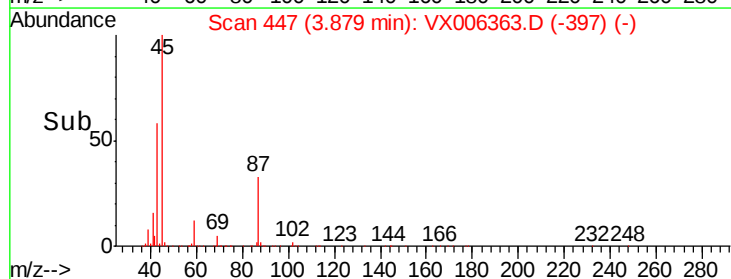
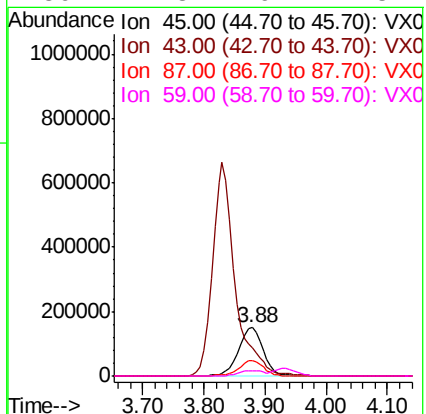
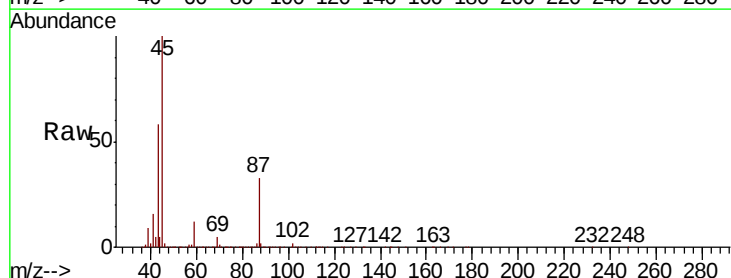
Ion Ratio Lower Upper

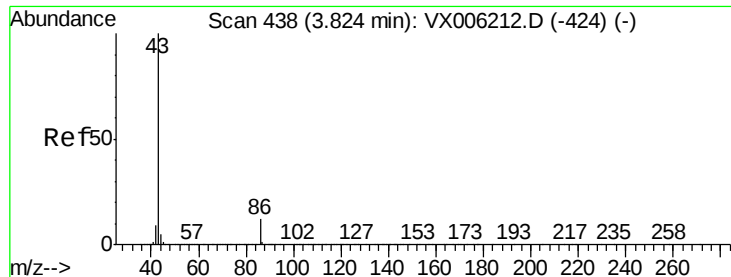
45 100

43 57.2 46.2 69.2

87 33.2 24.9 37.3

59 11.8 9.1 13.7

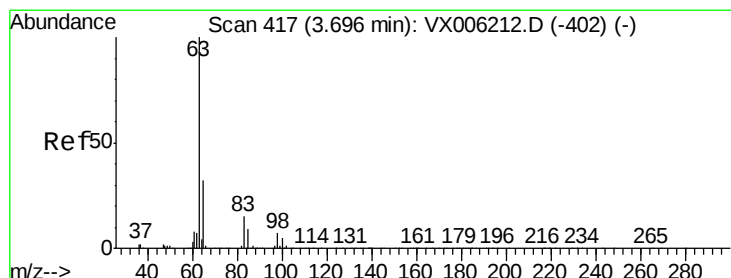
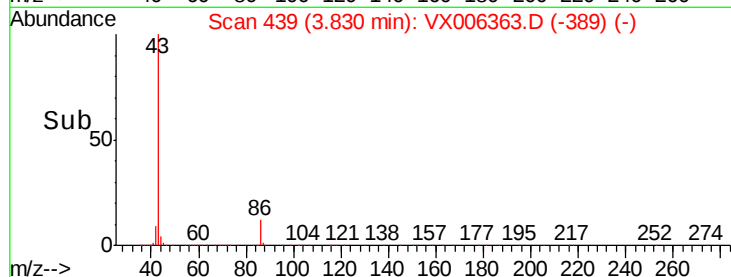
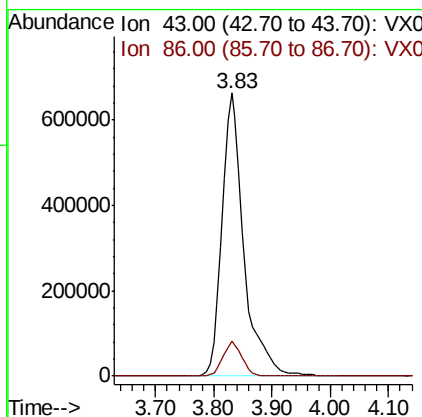
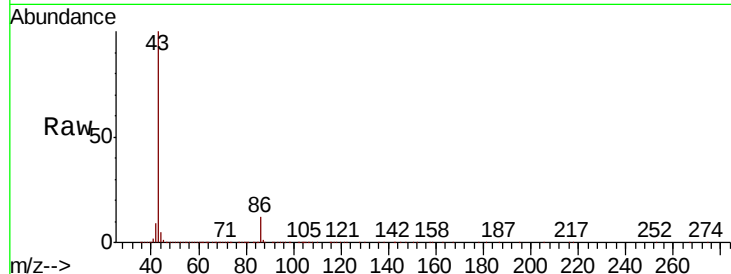




#23
 Vinyl Acetate
 Concen: 92.968 ug/l
 RT: 3.83 min Scan# 439
 Delta R.T. 0.01 min
 Lab File: VX006363.D
 Acq: 10 Dec 2018 12:12

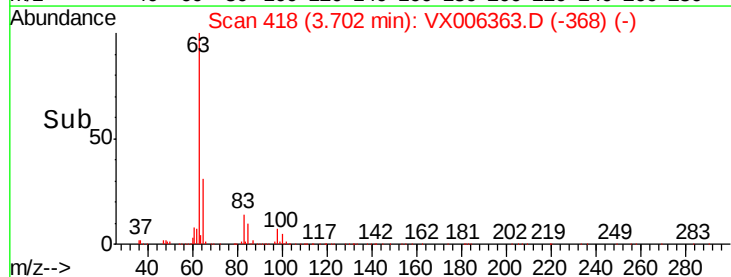
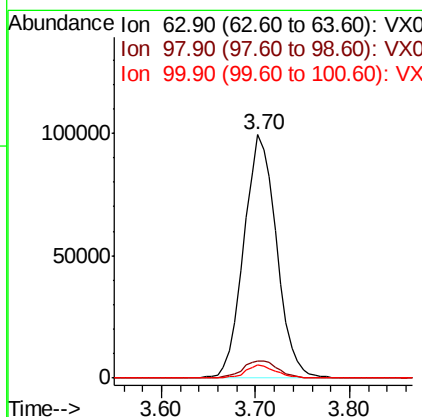
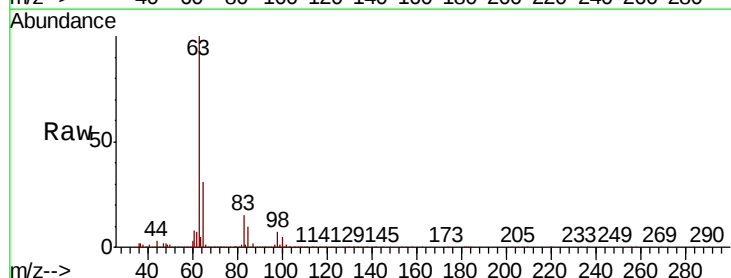
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

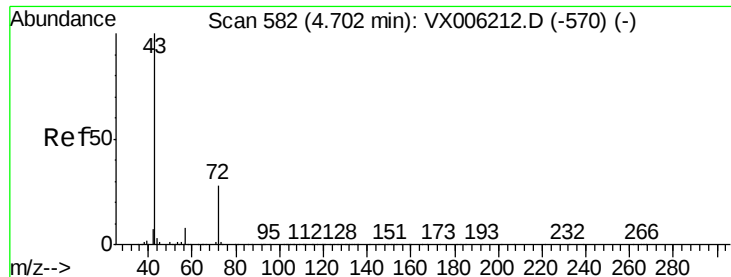
Tot Ion: 43 Resp: 1721630
 Ion Ratio Lower Upper
 43 100
 86 12.3 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 19.223 ug/l
 RT: 3.70 min Scan# 418
 Delta R.T. 0.01 min
 Lab File: VX006363.D
 Acq: 10 Dec 2018 12:12

Tgt Ion: 63 Resp: 238556
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.8 11.4
 100 5.1 2.5 7.4





#25

2-Butanone

Concen: 95.370 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

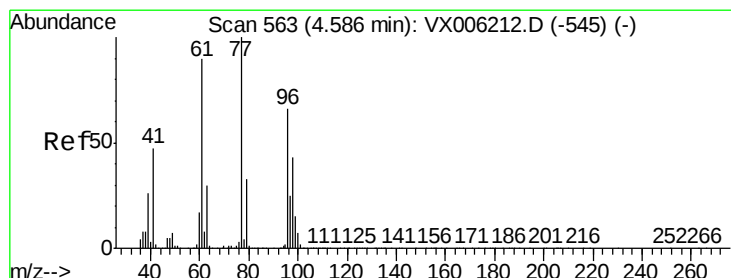
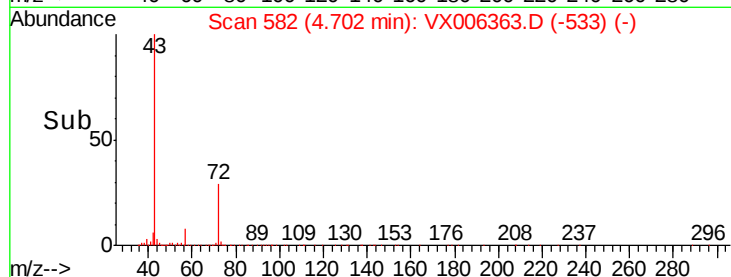
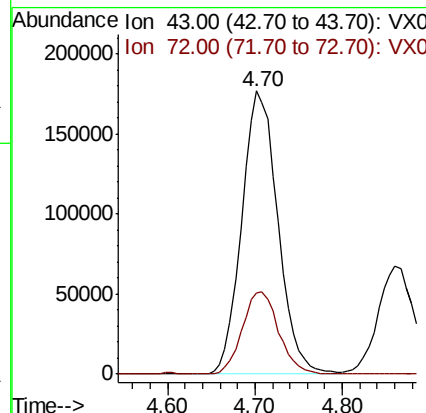
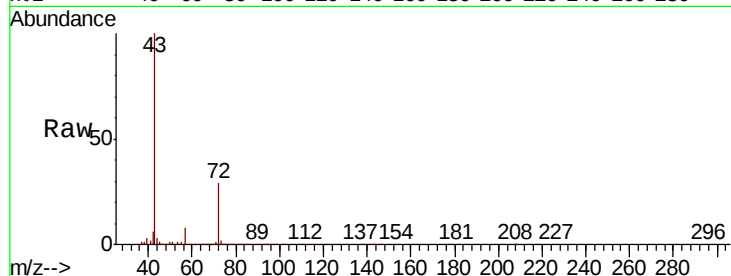
VX1210WBS01

Tot Ion: 43 Resp: 506979

Ion Ratio Lower Upper

43 100

72 28.5 22.6 33.8



#26

2,2-Dichloropropane

Concen: 19.168 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.01 min

Lab File: VX006363.D

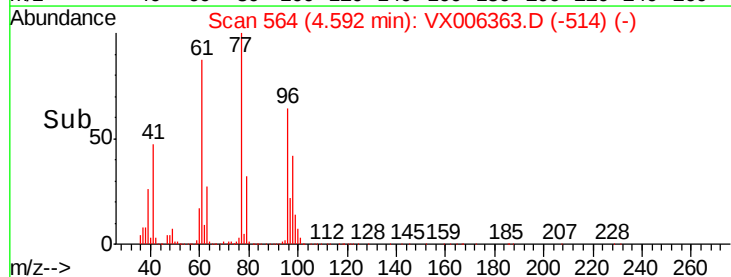
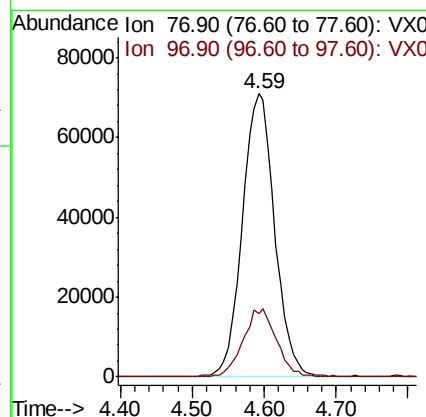
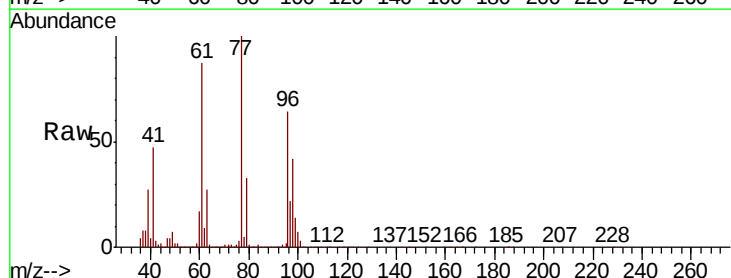
Acq: 10 Dec 2018 12:12

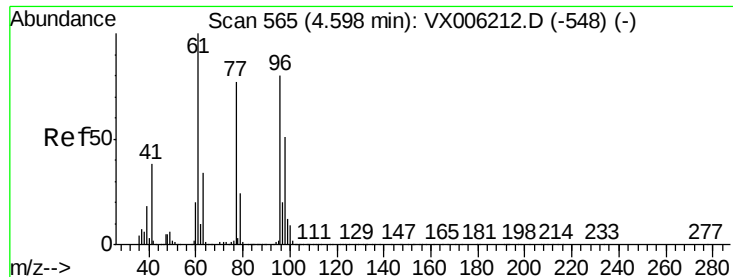
Tgt Ion: 77 Resp: 219534

Ion Ratio Lower Upper

77 100

97 24.9 12.3 36.8



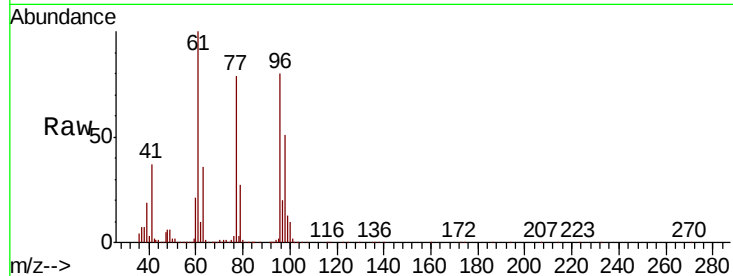


#27

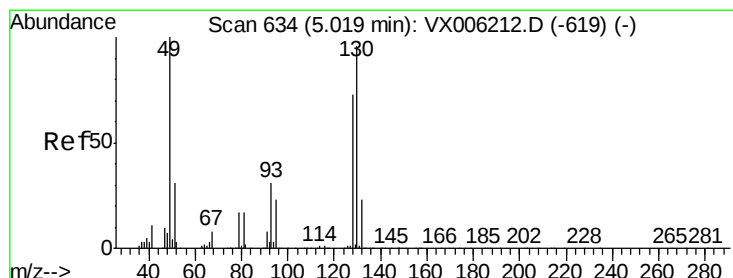
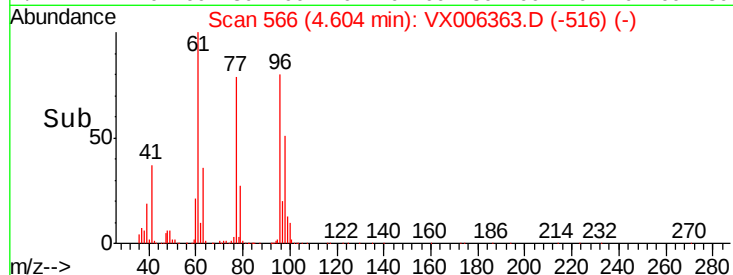
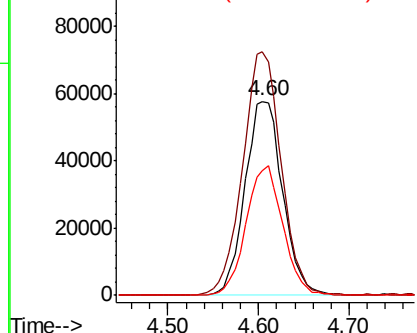
cis-1,2-Dichloroethene
Concen: 19.849 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion: 96 Resp: 166026
Ion Ratio Lower Upper
96 100
61 128.3 0.0 265.0
98 65.2 0.0 130.2



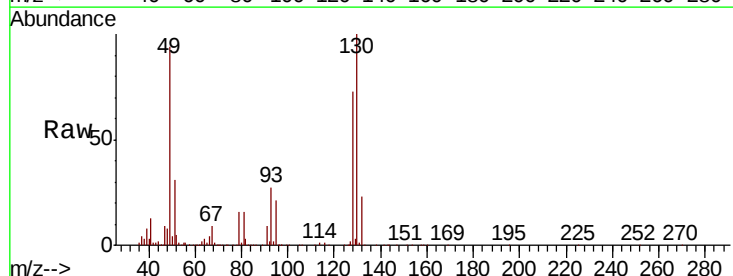
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



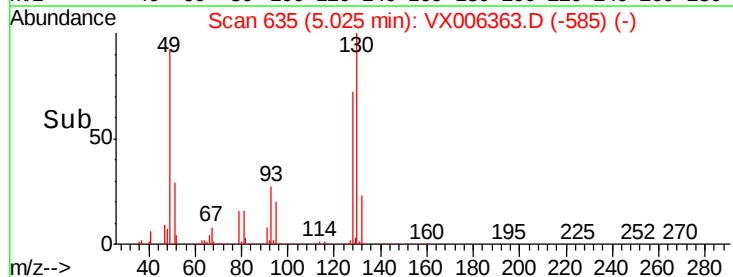
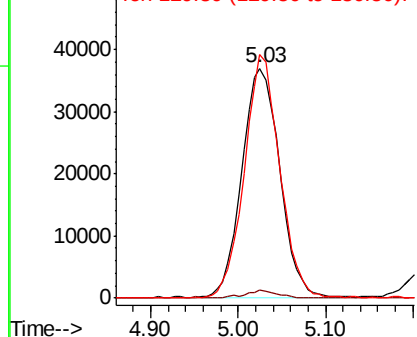
#28

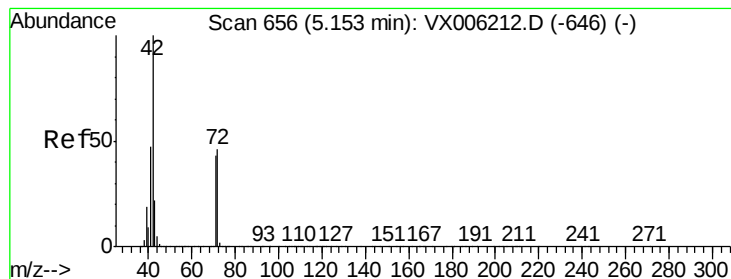
Bromochloromethane
Concen: 20.459 ug/l
RT: 5.03 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Tgt Ion: 49 Resp: 110900
Ion Ratio Lower Upper
49 100
129 3.1 0.0 5.0
130 99.3 78.3 117.5



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





#29

Tetrahydrofuran

Concen: 91.627 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

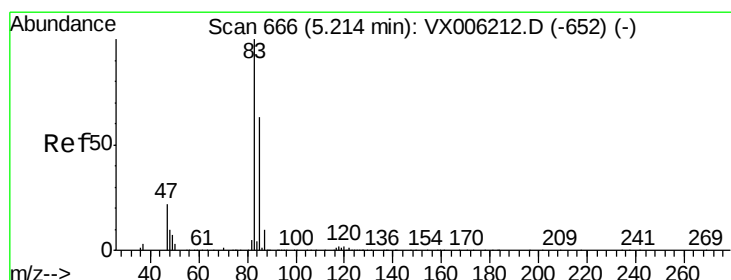
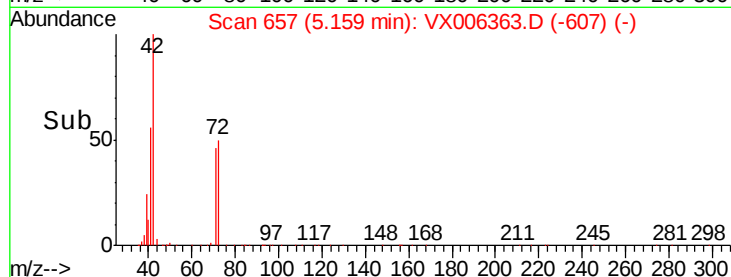
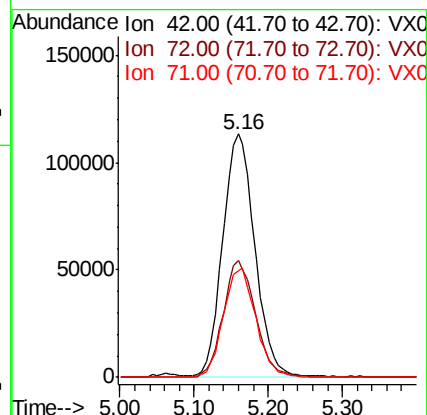
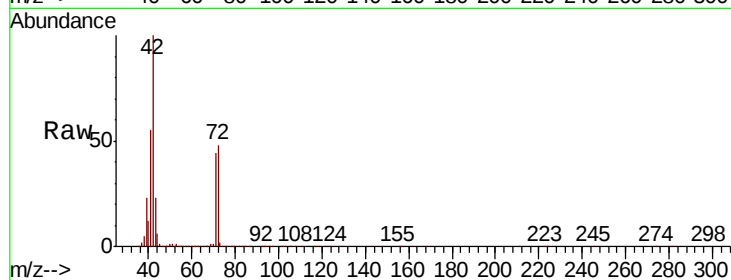
Tot Ion: 42 Resp: 338521

Ion Ratio Lower Upper

42 100

72 48.7 37.8 56.8

71 45.1 35.2 52.8



#30

Chloroform

Concen: 19.723 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX006363.D

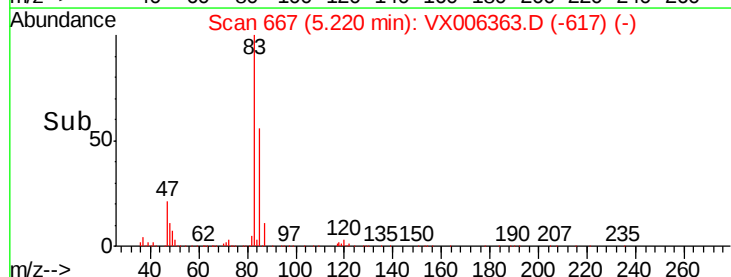
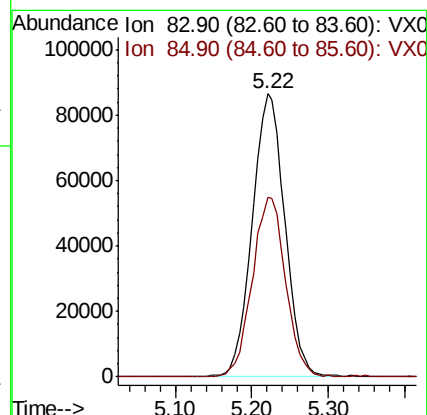
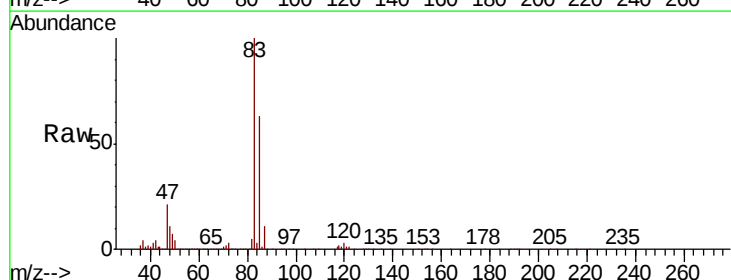
Acq: 10 Dec 2018 12:12

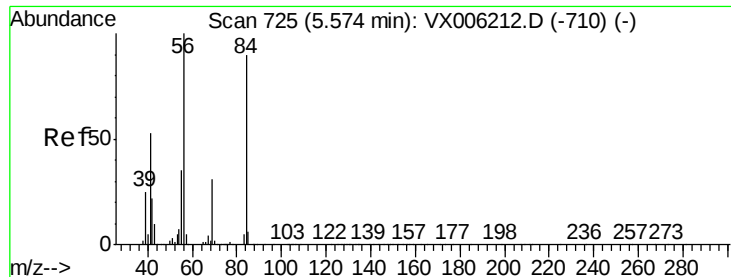
Tgt Ion: 83 Resp: 257213

Ion Ratio Lower Upper

83 100

85 63.4 50.3 75.5

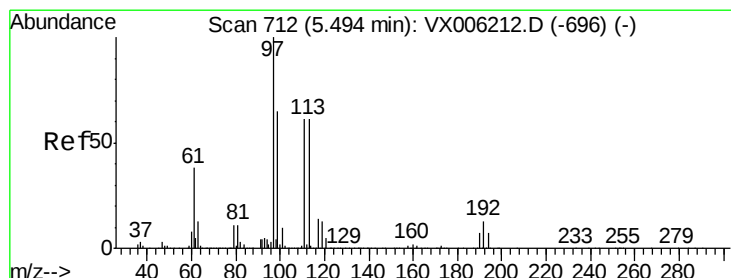
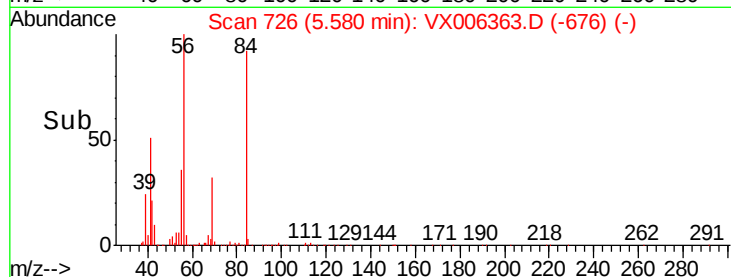
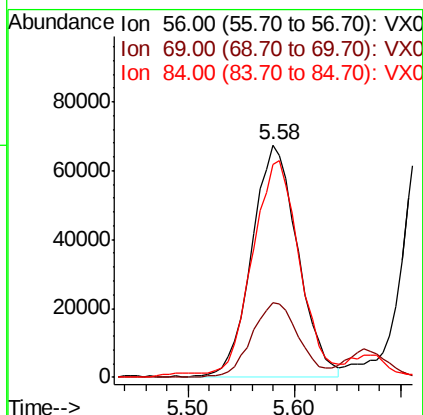
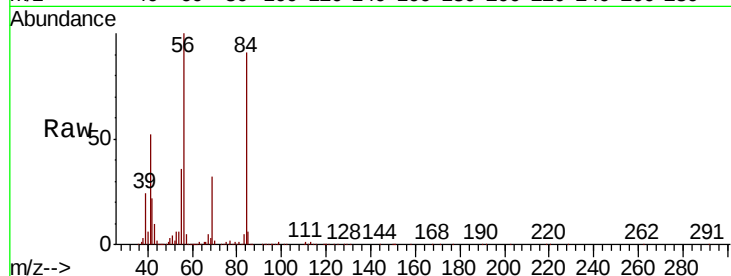




#31
Cyclohexane
Concen: 17.718 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

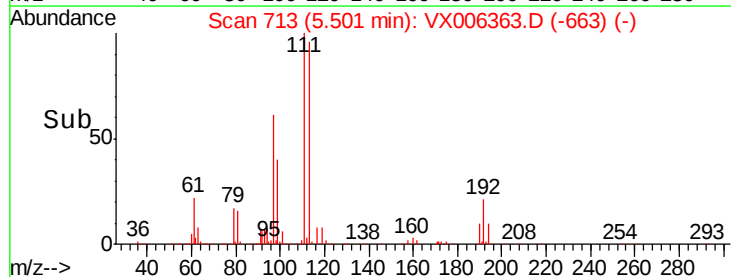
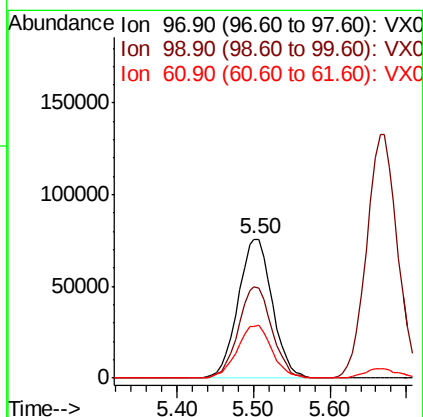
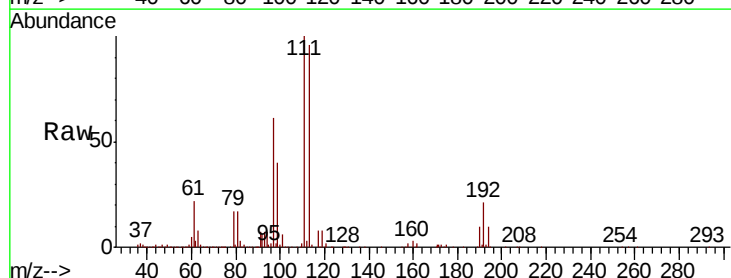
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion: 56 Resp: 203208
Ion Ratio Lower Upper
56 100
69 32.1 24.5 36.7
84 89.8 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 19.029 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Tgt Ion: 97 Resp: 236125
Ion Ratio Lower Upper
97 100
99 64.3 51.6 77.4
61 38.3 30.6 46.0

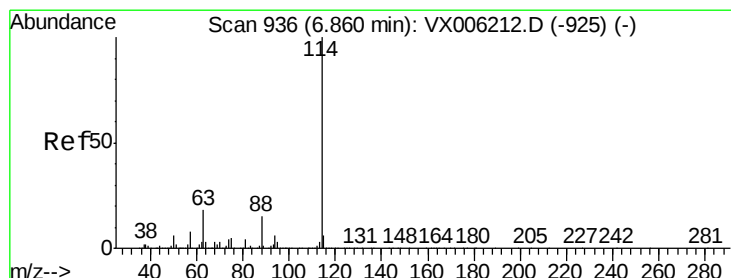
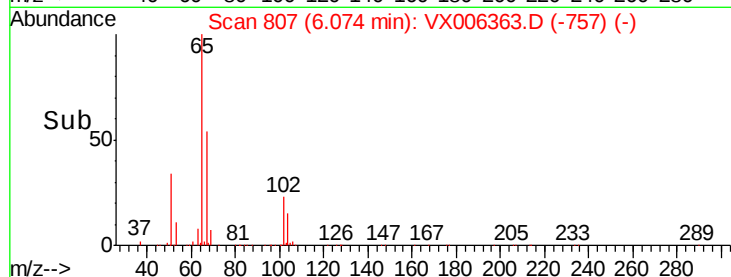
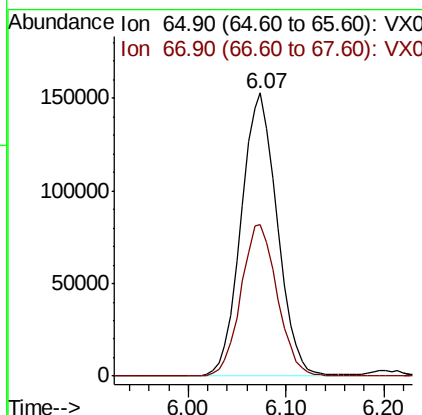
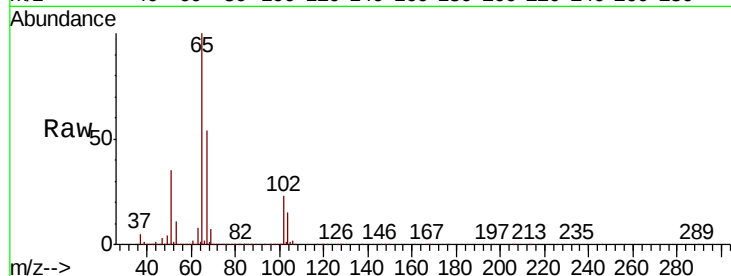




#33
 1,2-Dichloroethane-d4
 Concen: 49.203 ug/l
 RT: 6.07 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX006363.D
 Acq: 10 Dec 2018 12:12

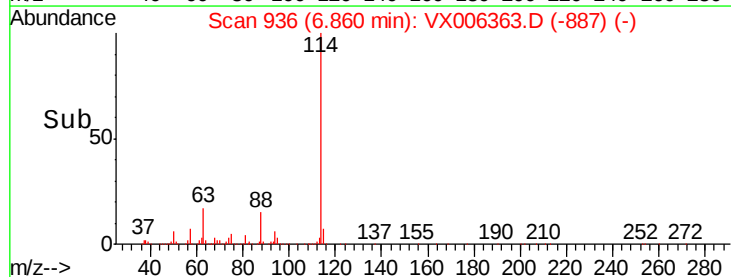
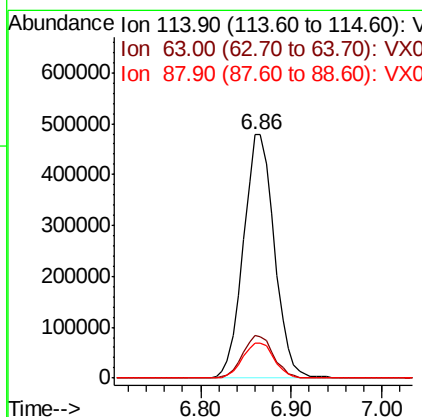
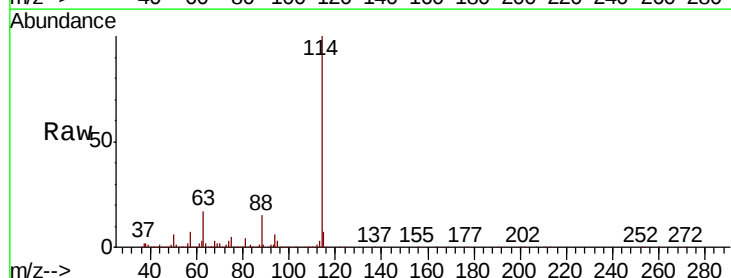
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

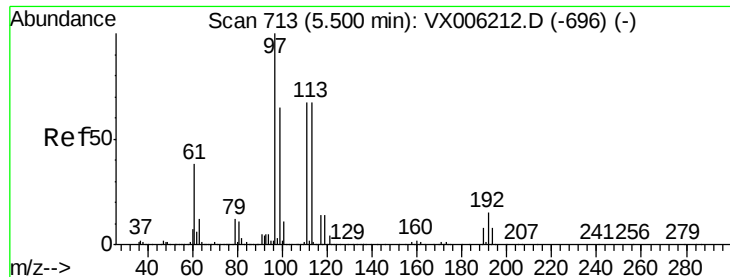
Tot Ion: 65 Resp: 390613
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006363.D
 Acq: 10 Dec 2018 12:12

Tgt Ion: 114 Resp: 1132088
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 36.6
 88 14.6 0.0 29.0





#35

Dibromofluoromethane

Concen: 51.748 ug/l

RT: 5.51 min Scan# 715

Delta R.T. 0.01 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

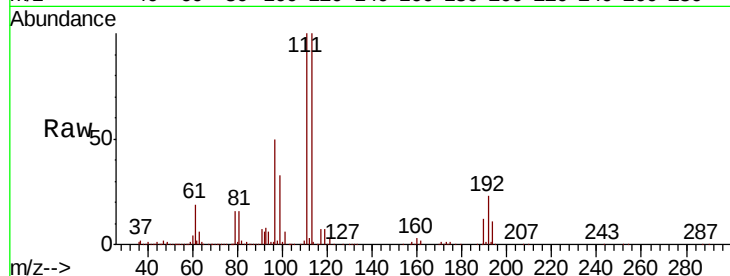
Tot Ion:113 Resp: 379302

Ion Ratio Lower Upper

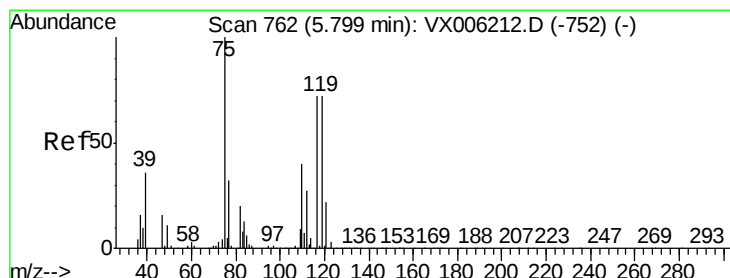
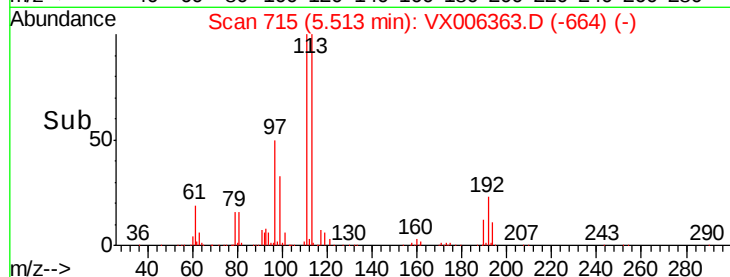
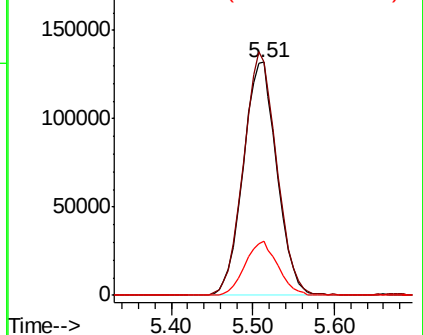
113 100

111 102.8 81.1 121.7

192 22.7 18.2 27.2



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



#36

1,1-Dichloropropene

Concen: 18.846 ug/l

RT: 5.81 min Scan# 763

Delta R.T. 0.01 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

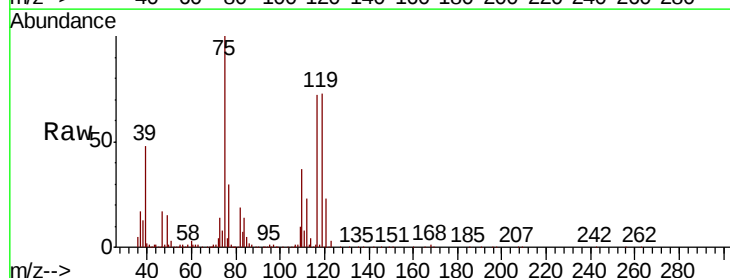
Tgt Ion: 75 Resp: 179661

Ion Ratio Lower Upper

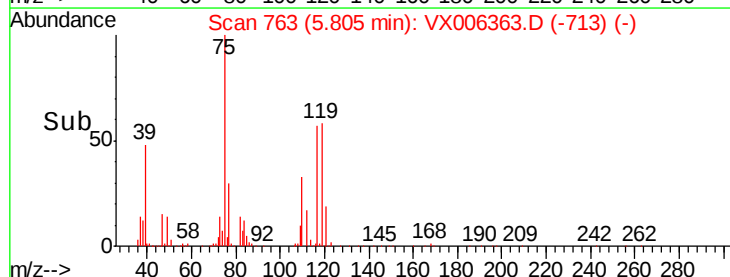
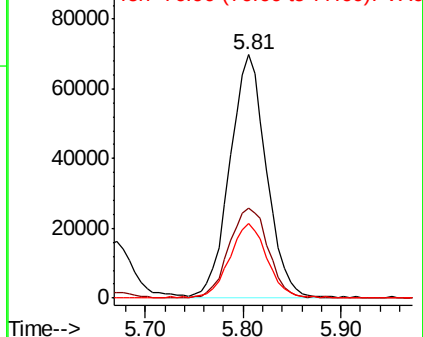
75 100

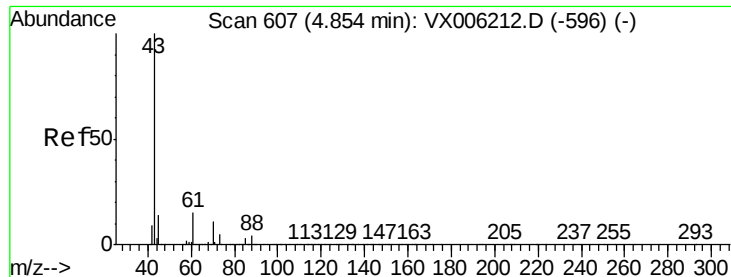
110 40.2 20.4 61.3

77 31.2 24.9 37.3



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

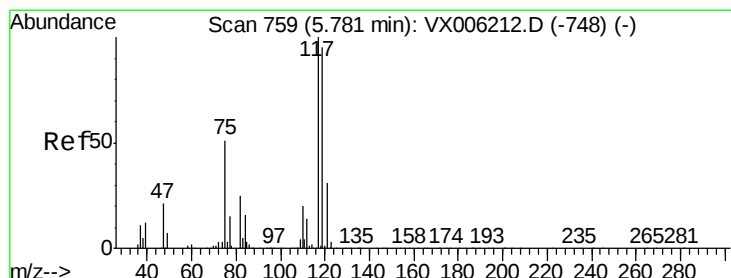
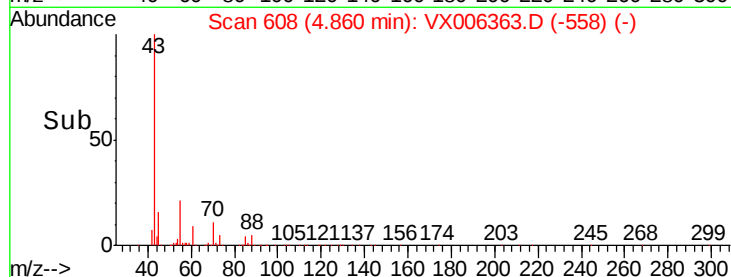
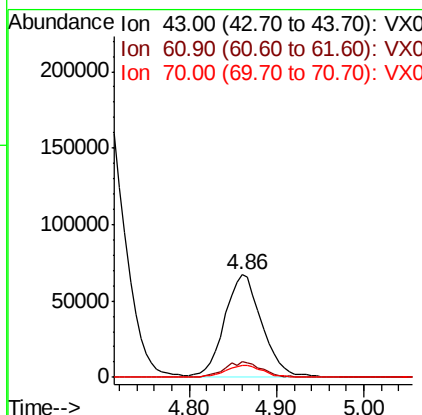
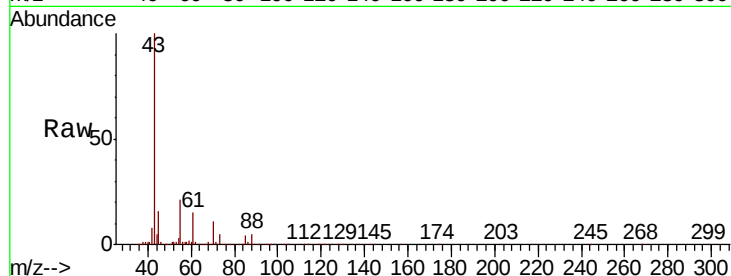




#37
Ethyl Acetate
Concen: 18.451 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

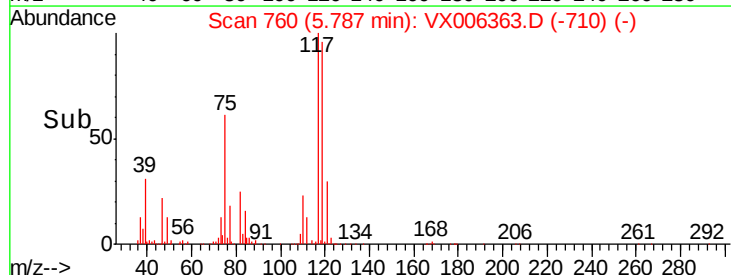
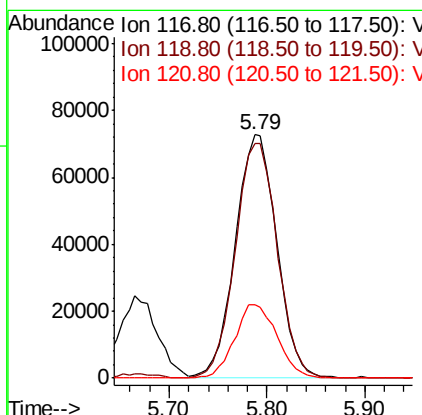
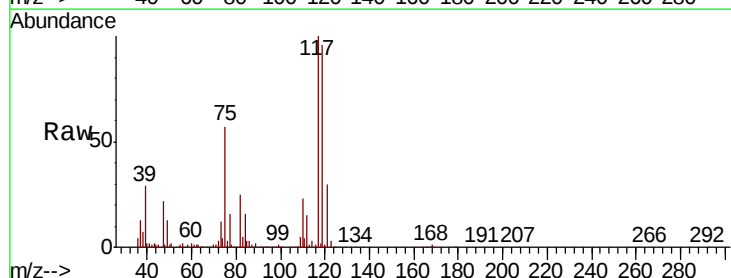
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

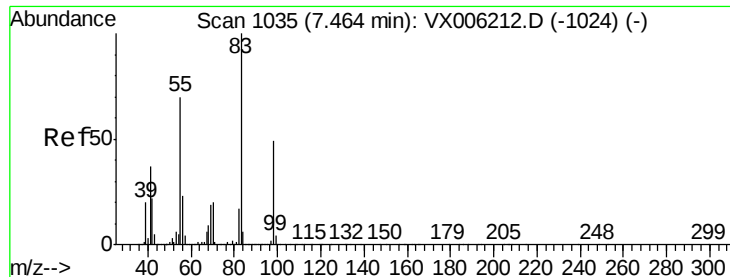
Tot Ion: 43 Resp: 196989
Ion Ratio Lower Upper
43 100
61 15.1 11.5 17.3
70 12.1 9.0 13.6



#38
Carbon Tetrachloride
Concen: 19.097 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Tgt Ion: 117 Resp: 214177
Ion Ratio Lower Upper
117 100
119 96.2 75.8 113.8
121 30.2 24.6 37.0

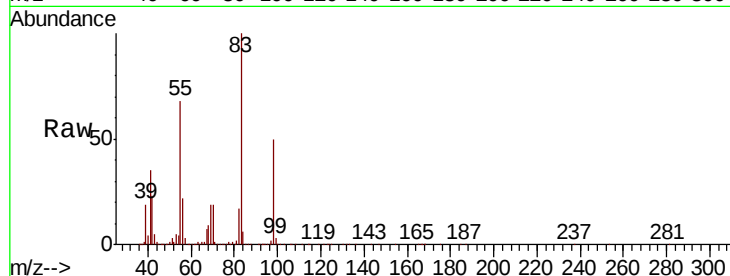




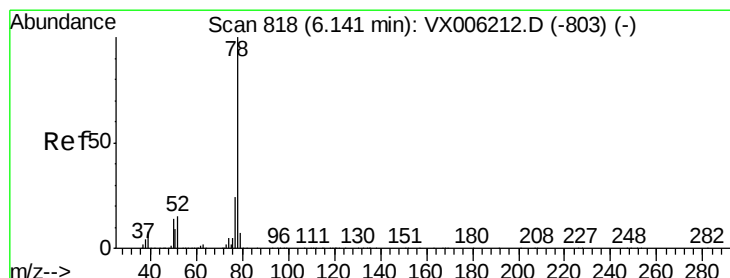
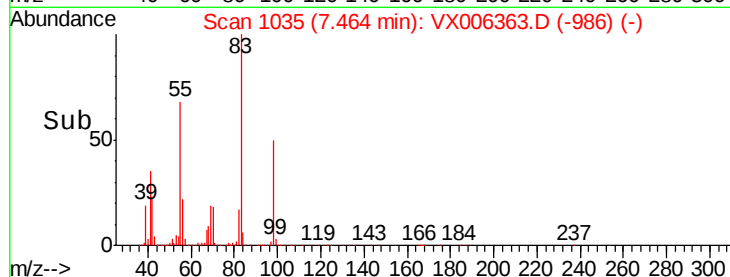
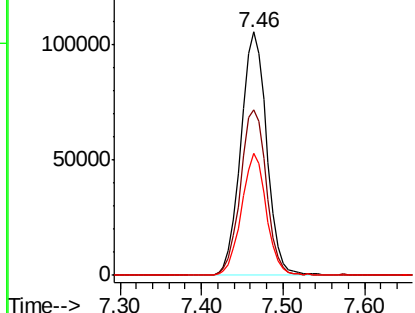
#39
Methvlcvclohexane
Concen: 18.608 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Instrument :
MSVOA_X
ClientSampled :
VX1210WBS01

Tot Ion	83	Resp	230267
Ion Ratio	Lower	Upper	
83	100		
55	67.9	56.4	84.6
98	50.3	39.0	58.6

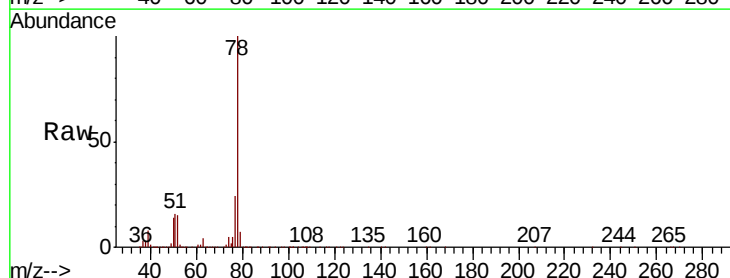


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

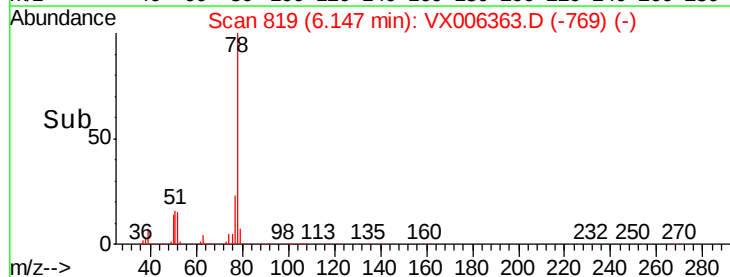
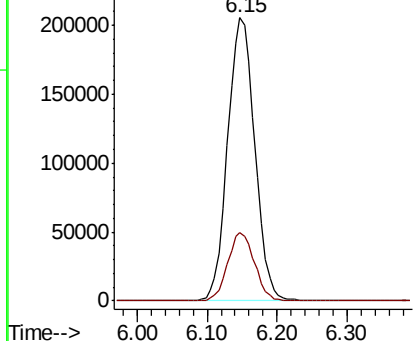


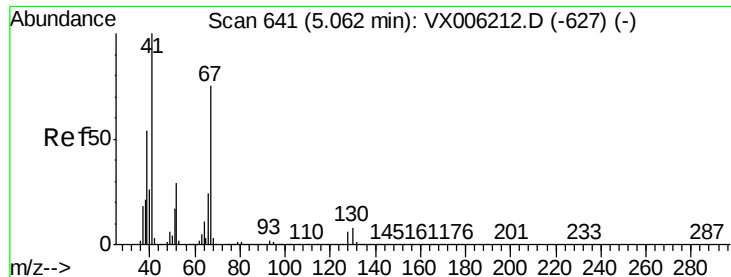
#40
Benzene
Concen: 19.326 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Tgt Ion	78	Resp	551820
Ion Ratio	Lower	Upper	
78	100		
77	24.2	19.2	28.8



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

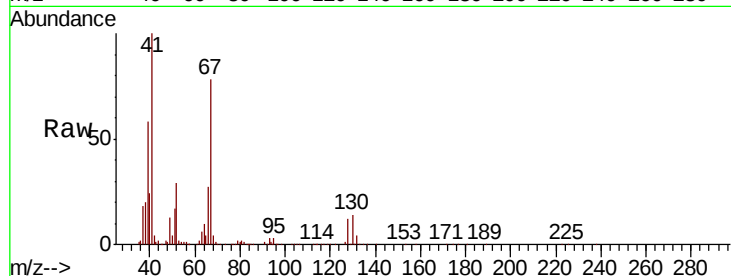




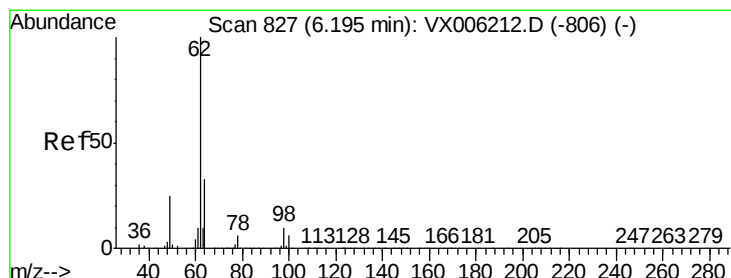
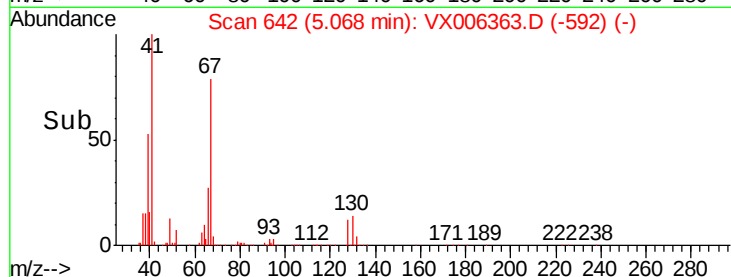
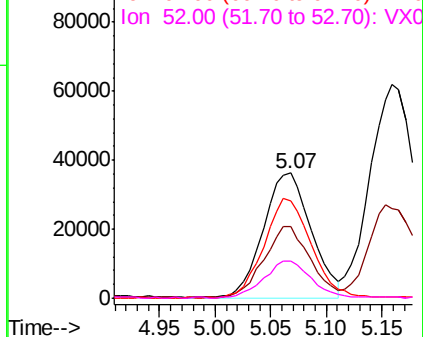
#41
Methacrylonitrile
Concen: 18.431 ug/l
RT: 5.07 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Instrument :
MSVOA_X
ClientSampleID :
VX1210WBS01

Tot Ion:	41	Resp:	108276
Ion	Ratio	Lower	Upper
41	100		
39	54.3	44.0	66.0
67	78.3	61.4	92.0
52	29.1	23.5	35.3

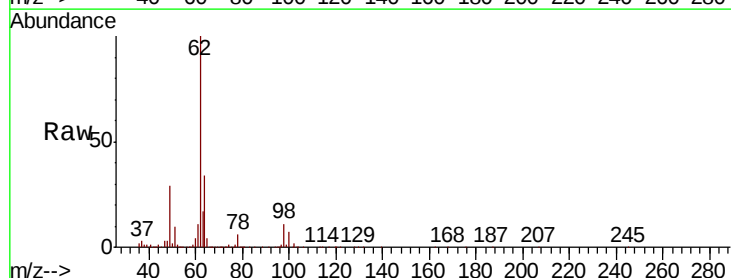


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

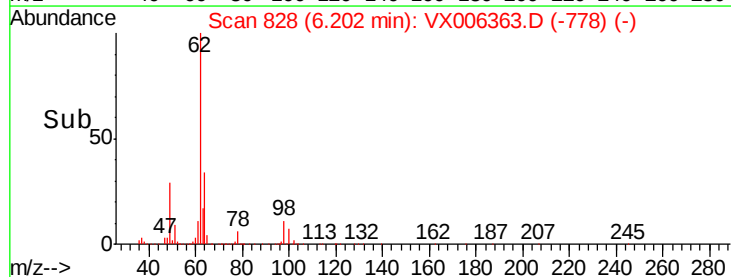
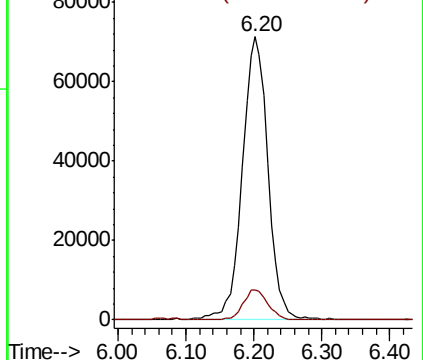


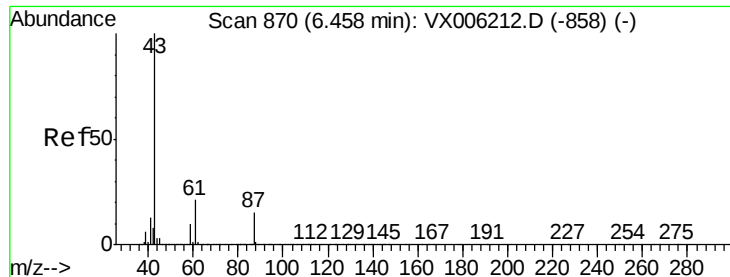
#42
1,2-Dichloroethane
Concen: 19.736 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Tgt Ion:	62	Resp:	184435
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.2



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



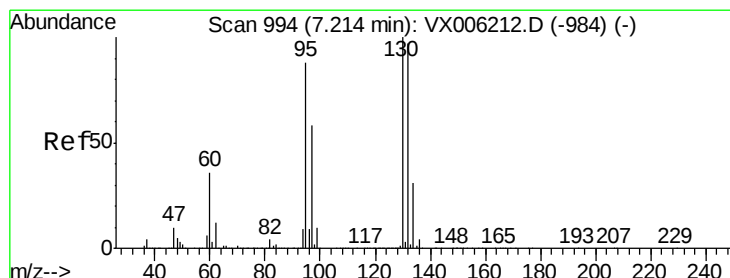
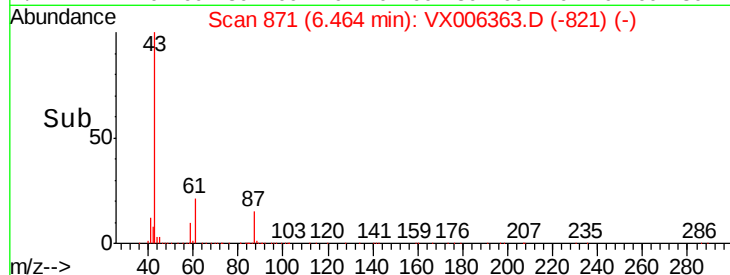
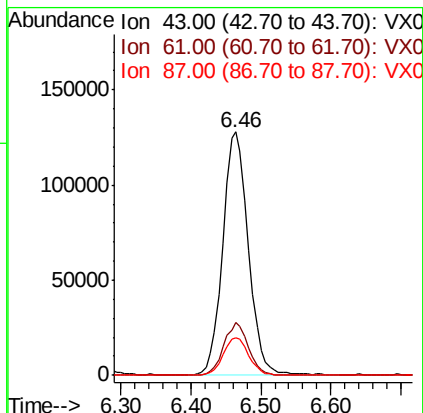
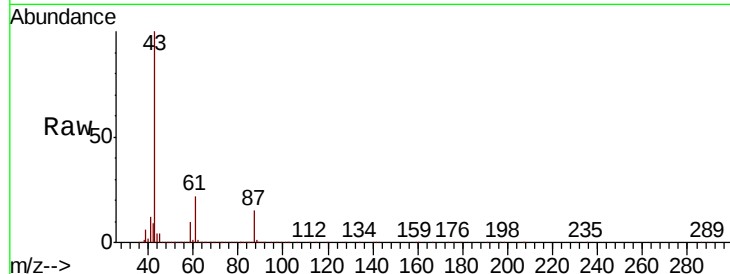


#43

Isopropyl Acetate
 Concen: 18.058 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX006363.D
 Acq: 10 Dec 2018 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

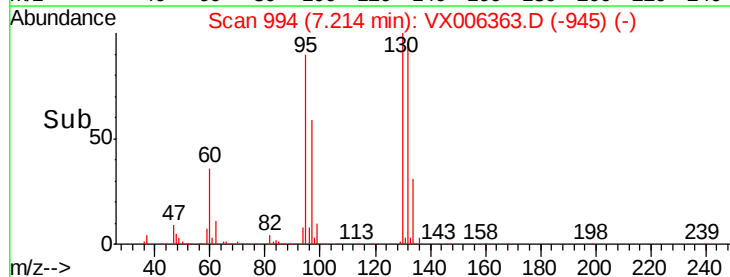
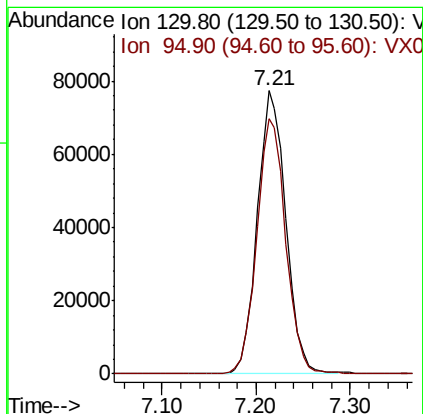
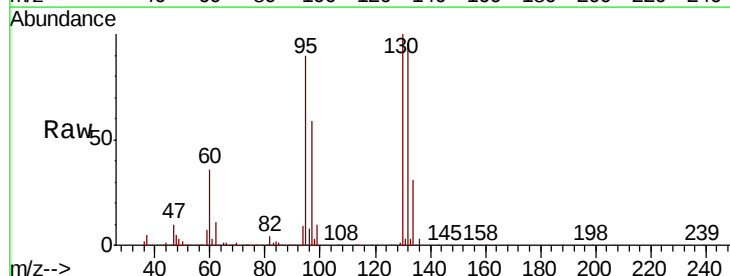
Tot Ion	43	Resp	321428
Ion Ratio	Lower	Upper	
43	100		
61	20.9	16.8	25.2
87	15.6	11.9	17.9

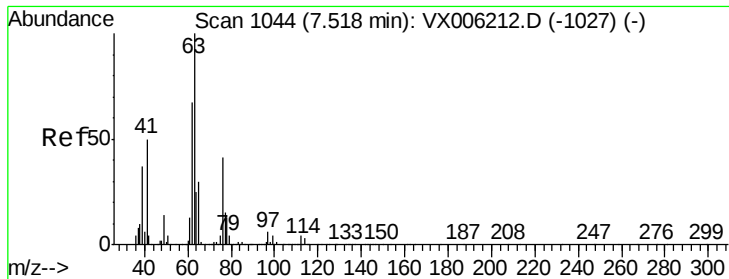


#44

Trichloroethene
 Concen: 19.017 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006363.D
 Acq: 10 Dec 2018 12:12

Tgt Ion	130	Resp	164495
Ion Ratio	Lower	Upper	
130	100		
95	90.2	0.0	175.8





#45

1,2-Dichloropropane

Concen: 19.111 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

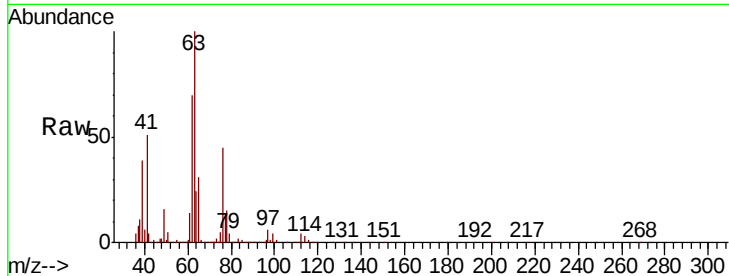
VX1210WBS01

Tot Ion: 63 Resp: 138684

Ion Ratio Lower Upper

63 100

65 31.4 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

60000

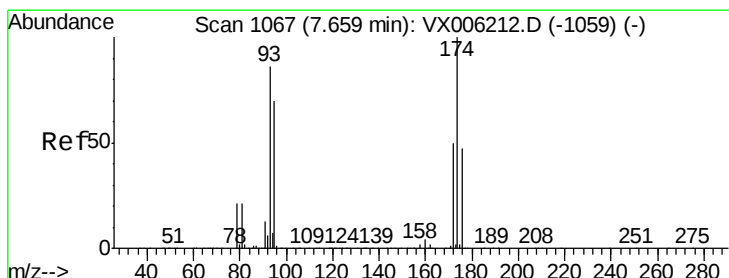
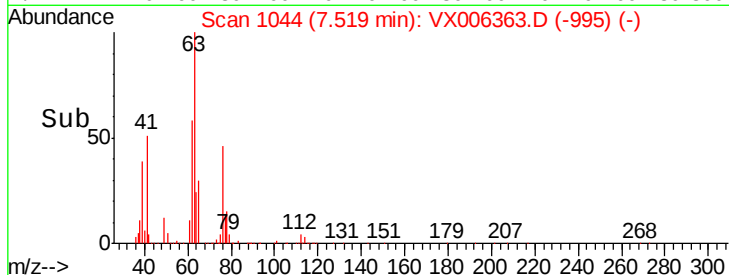
40000

20000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 19.577 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

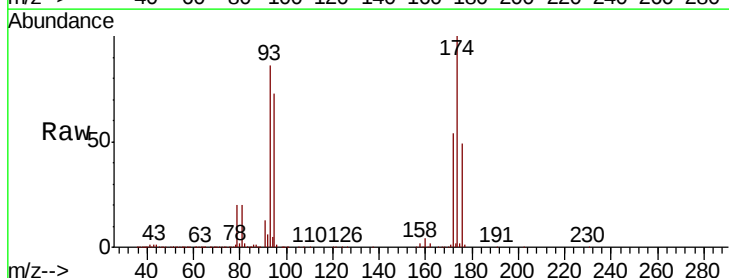
Tgt Ion: 93 Resp: 102603

Ion Ratio Lower Upper

93 100

95 82.0 66.2 99.4

174 118.4 97.2 145.8



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

80000

60000

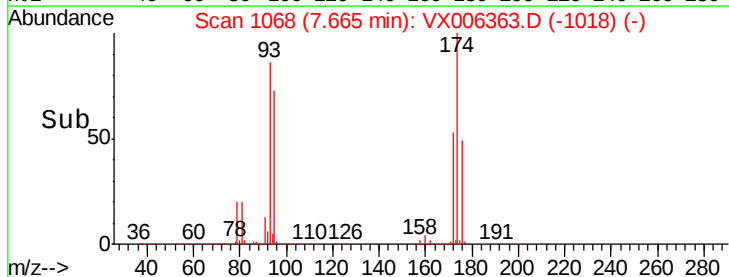
40000

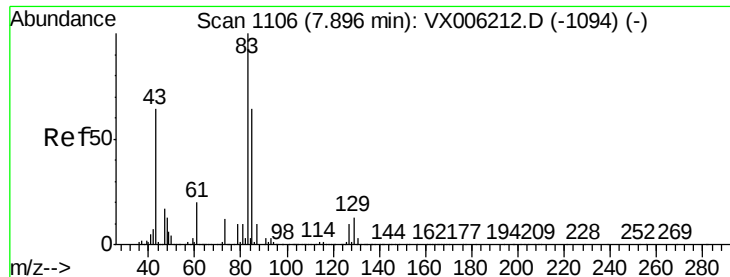
20000

0

7.60 7.70 7.80

Time-->





#47

Bromodichloromethane

Concen: 19.004 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

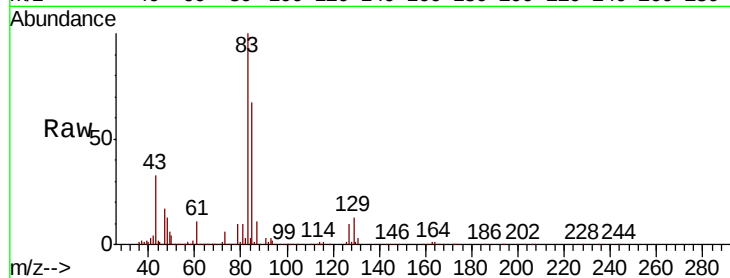
Tot Ion: 83 Resp: 192883

Ion Ratio Lower Upper

83 100

85 66.6 51.4 77.0

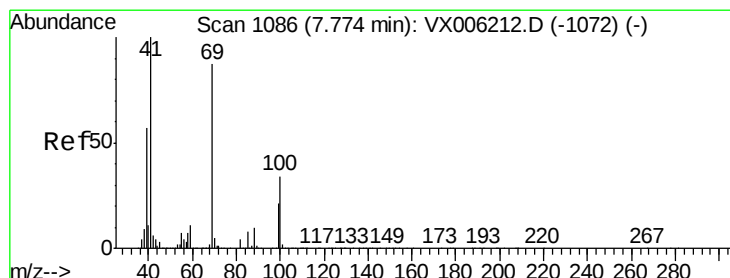
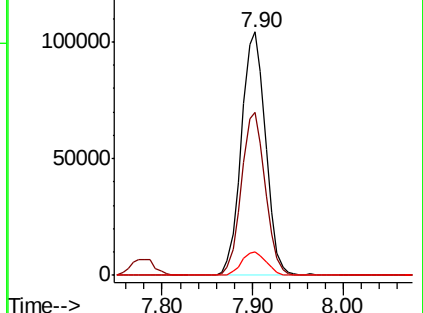
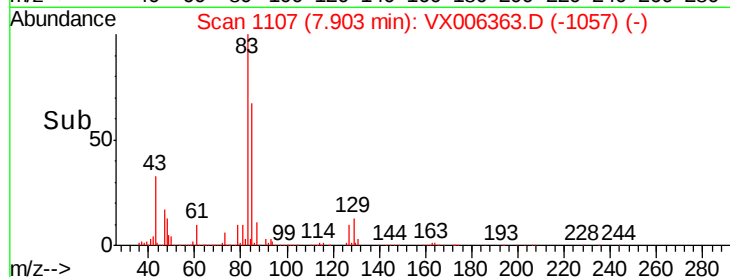
127 9.8 7.9 11.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.352 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

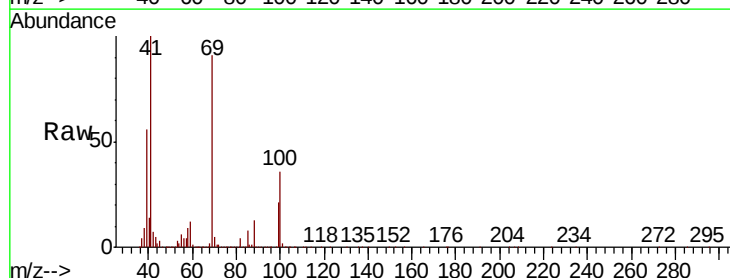
Tgt Ion: 41 Resp: 158918

Ion Ratio Lower Upper

41 100

69 90.3 70.3 105.5

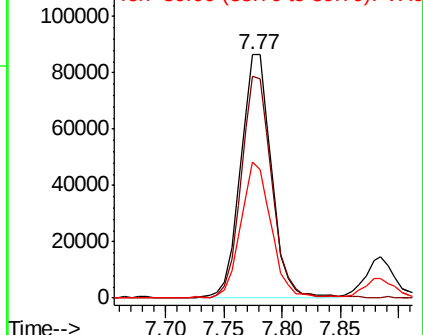
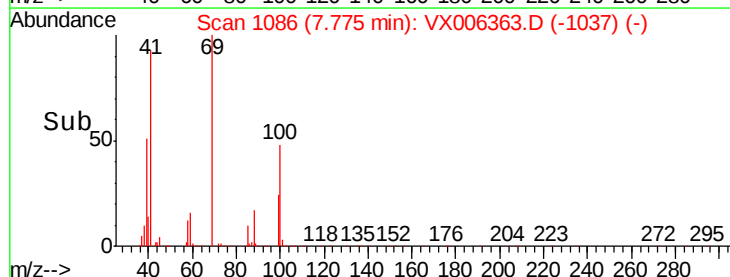
39 54.7 45.3 67.9

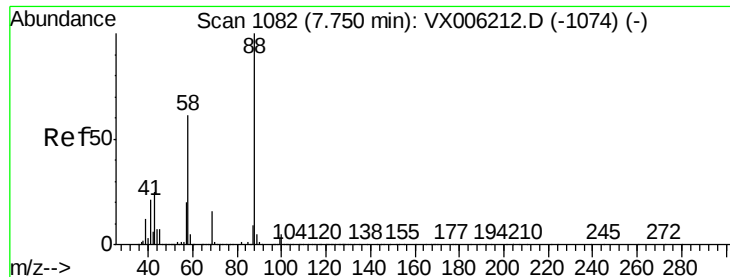


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 380.916 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

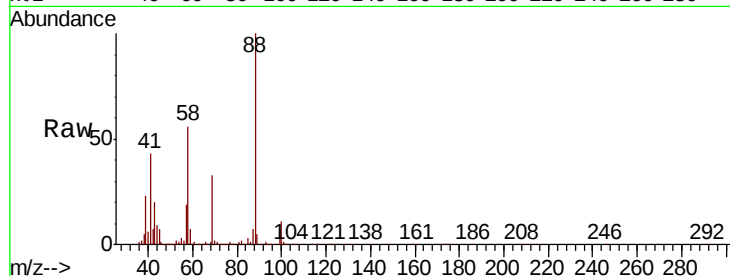
Tot Ion: 88 Resp: 81298

Ion Ratio Lower Upper

88 100

43 27.5 23.2 34.8

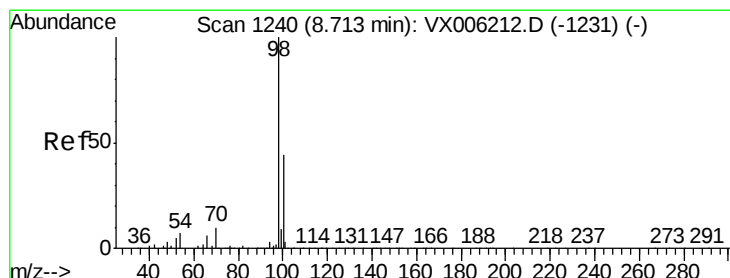
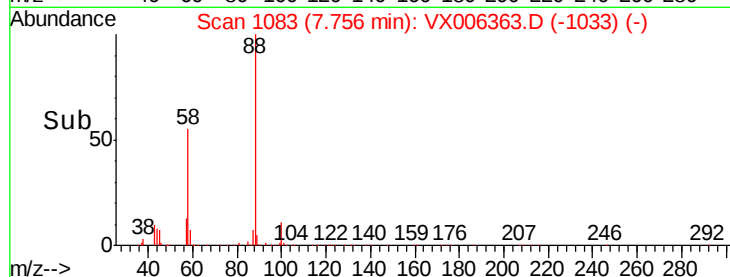
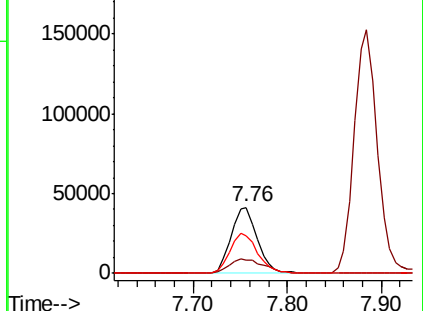
58 64.0 51.4 77.0



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.368 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006363.D

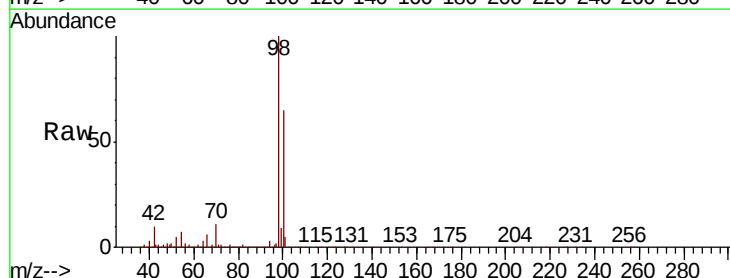
Acq: 10 Dec 2018 12:12

Tgt Ion: 98 Resp: 1316225

Ion Ratio Lower Upper

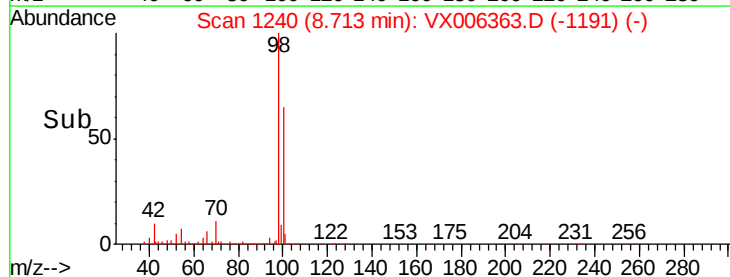
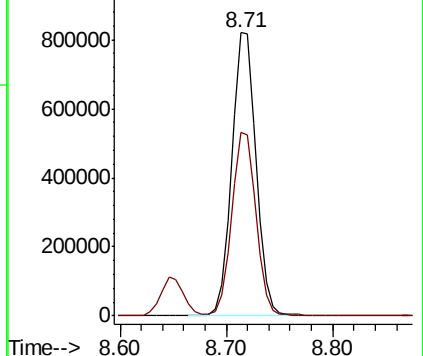
98 100

100 64.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

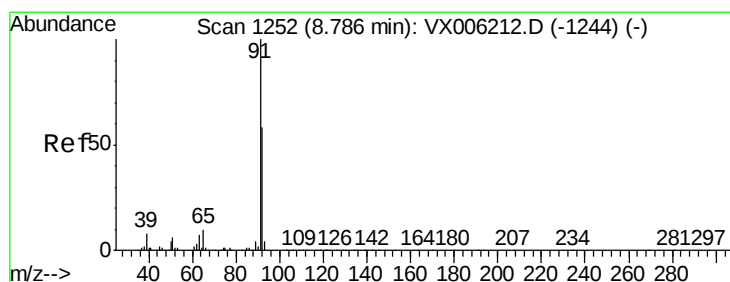
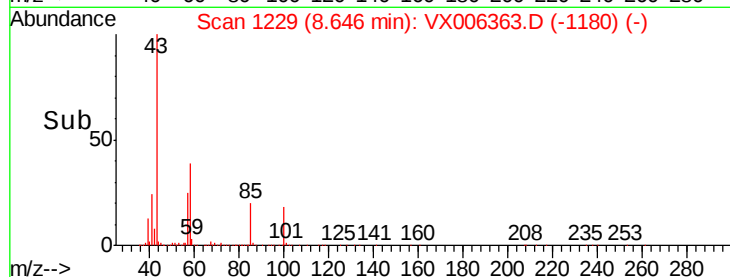
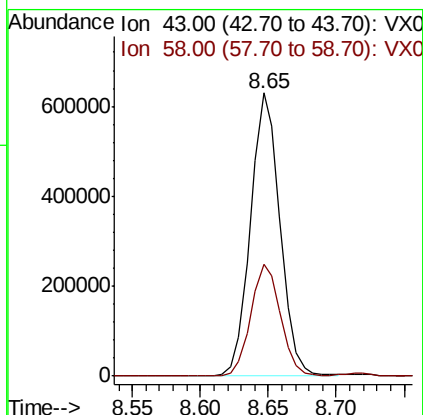
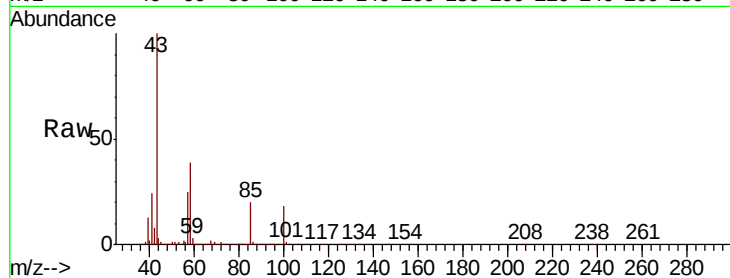




#51
 4-Methyl-2-Pentanone
 Concen: 92.476 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX006363.D
 Acq: 10 Dec 2018 12:12

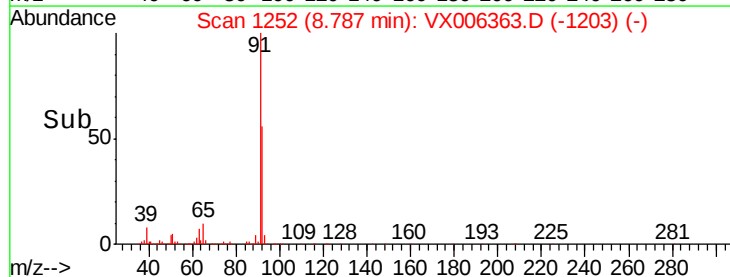
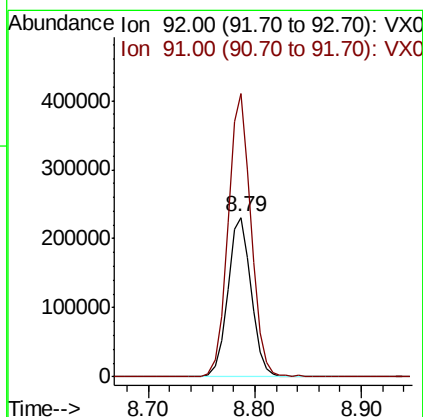
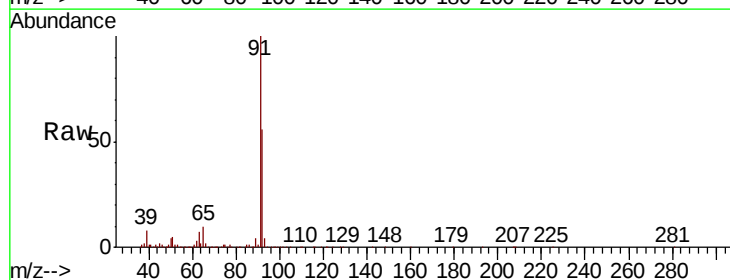
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

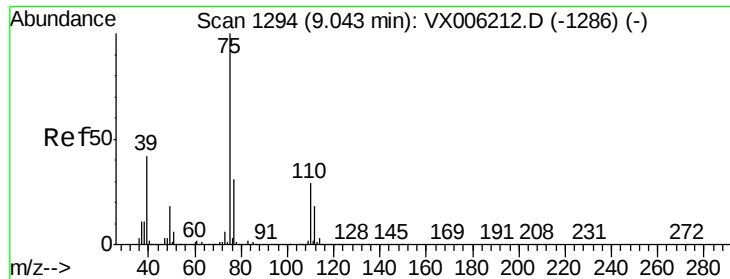
Tot Ion: 43 Resp: 958258
 Ion Ratio Lower Upper
 43 100
 58 39.7 31.3 46.9



#52
 Toluene
 Concen: 18.906 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX006363.D
 Acq: 10 Dec 2018 12:12

Tgt Ion: 92 Resp: 355151
 Ion Ratio Lower Upper
 92 100
 91 174.3 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 18.092 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

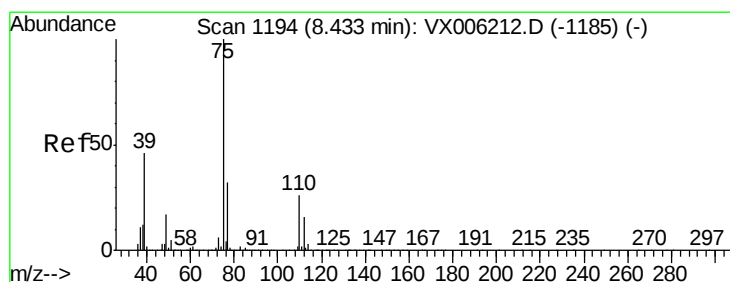
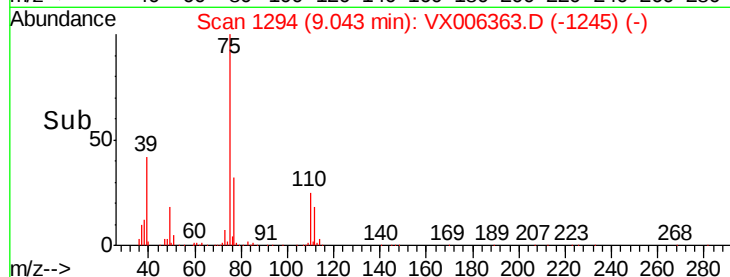
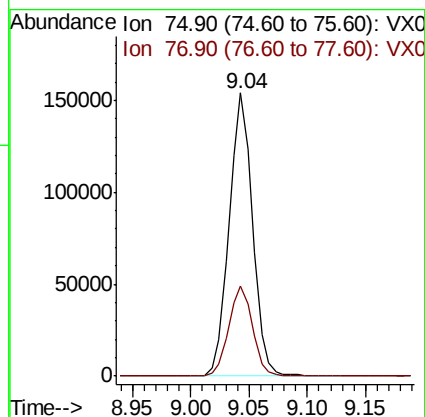
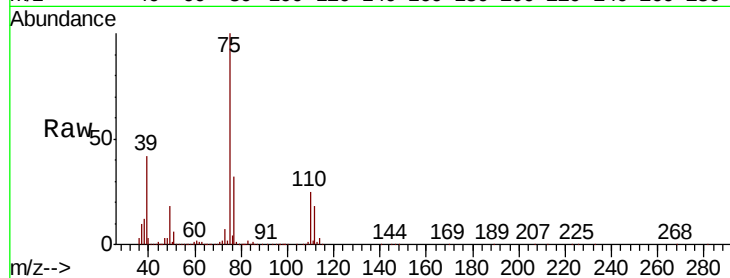
VX1210WBS01

Tot Ion: 75 Resp: 214752

Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 18.647 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

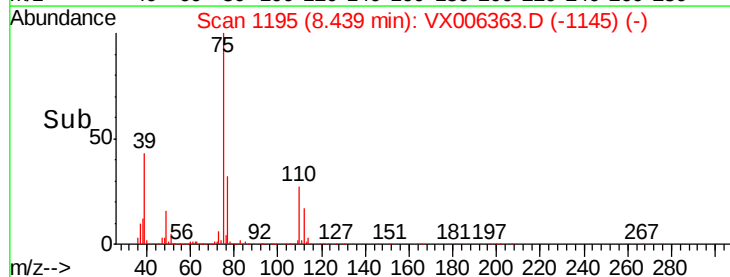
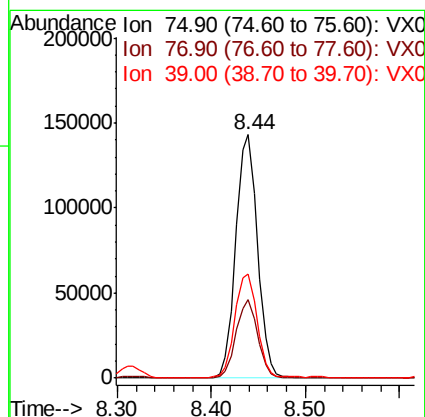
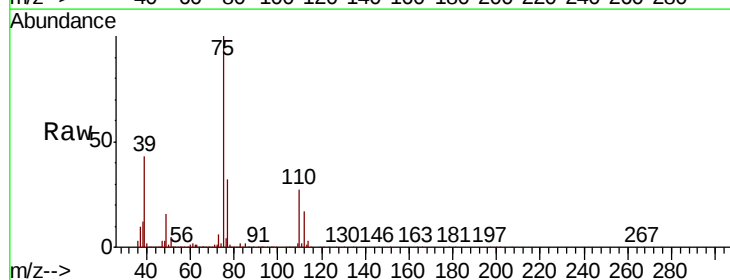
Tgt Ion: 75 Resp: 229833

Ion Ratio Lower Upper

75 100

77 31.9 25.6 38.4

39 42.8 36.5 54.7





#55

1,1,2-Trichloroethane

Concen: 20.062 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tot Ion: 97 Resp: 153101

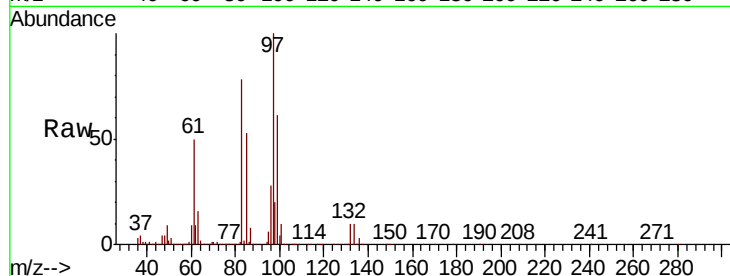
Ion Ratio Lower Upper

97 100

83 78.1 67.1 100.7

85 52.4 43.2 64.8

99 61.1 49.8 74.6

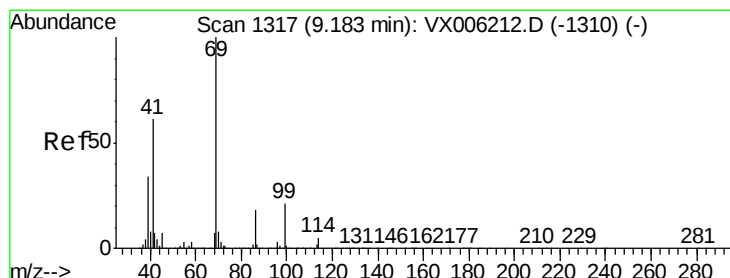
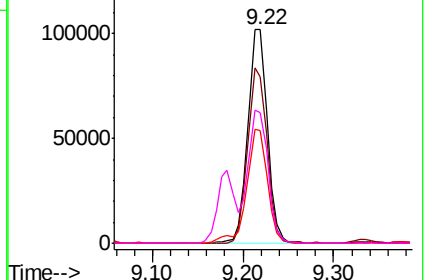
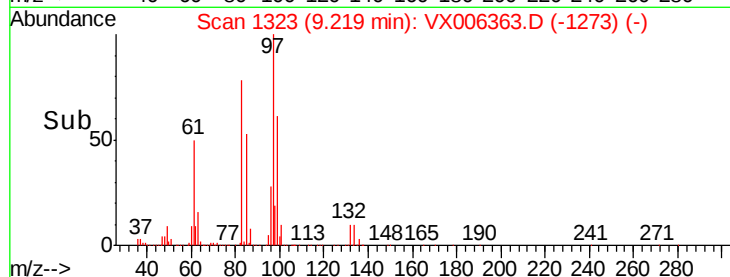


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 18.886 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

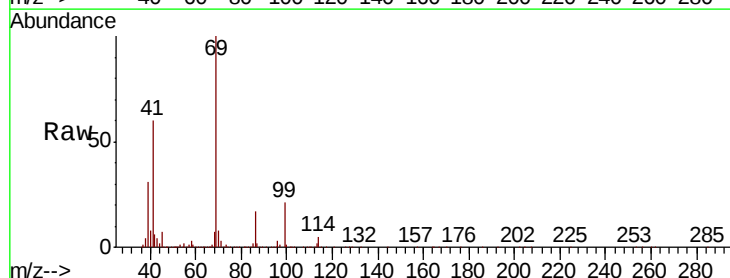
Tgt Ion: 69 Resp: 225322

Ion Ratio Lower Upper

69 100

41 60.1 50.6 76.0

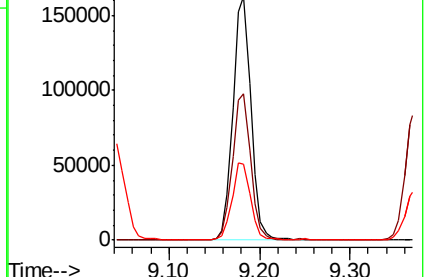
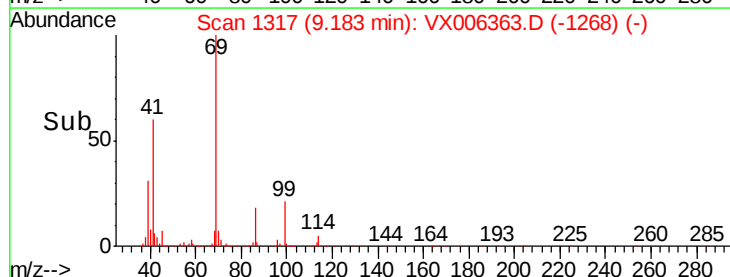
39 32.0 27.6 41.4

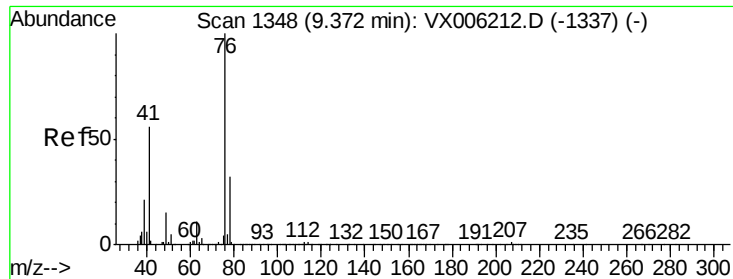


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.863 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

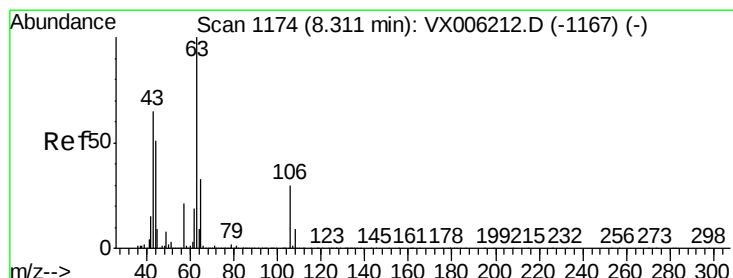
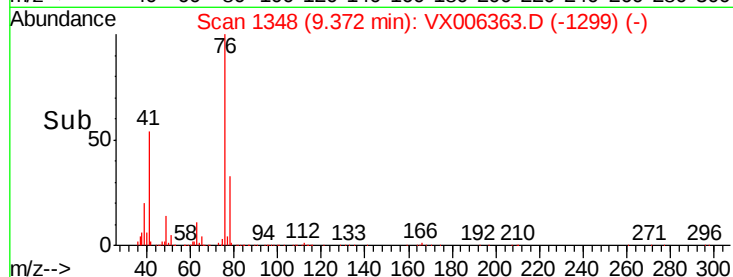
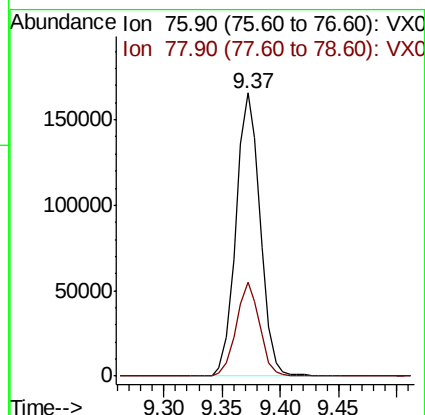
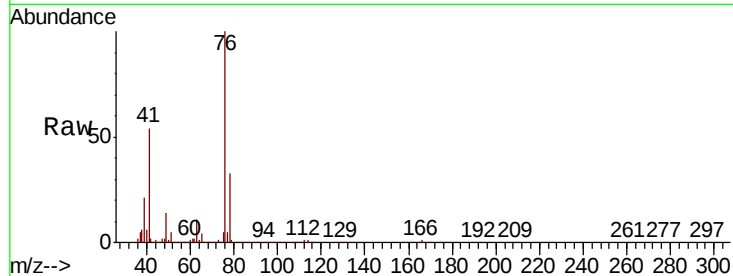
VX1210WBS01

Tot Ion: 76 Resp: 239701

Ion Ratio Lower Upper

76 100

78 32.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 98.573 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX006363.D

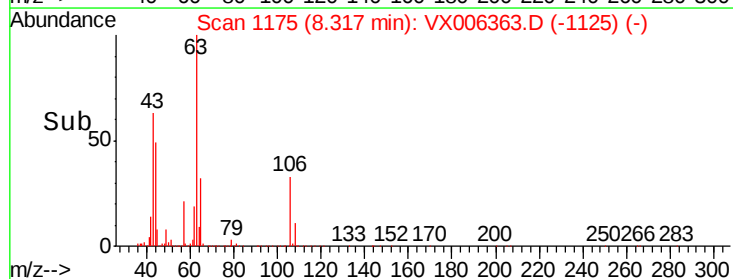
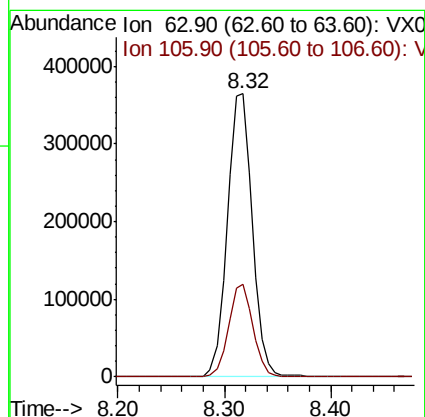
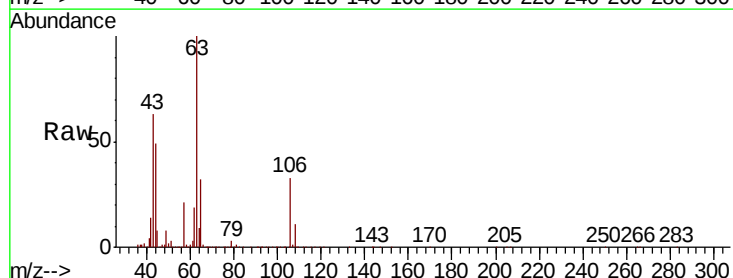
Acq: 10 Dec 2018 12:12

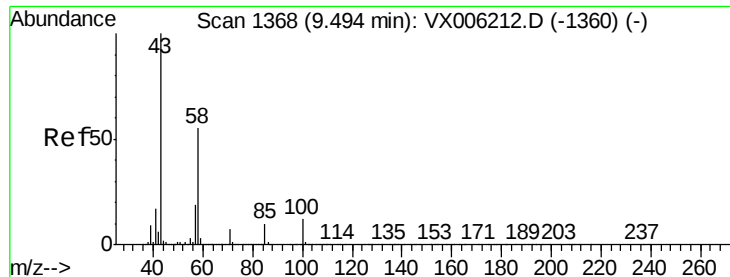
Tgt Ion: 63 Resp: 596781

Ion Ratio Lower Upper

63 100

106 32.0 24.9 37.3

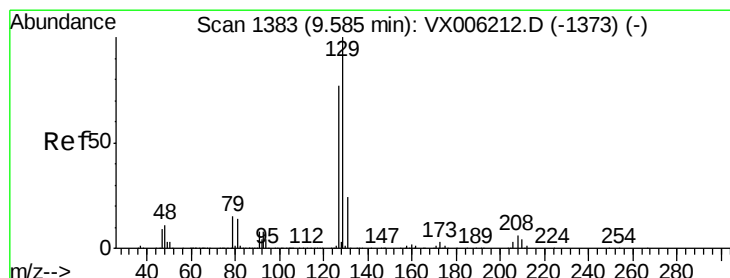
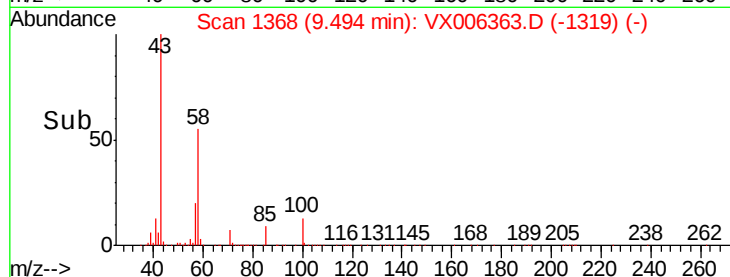
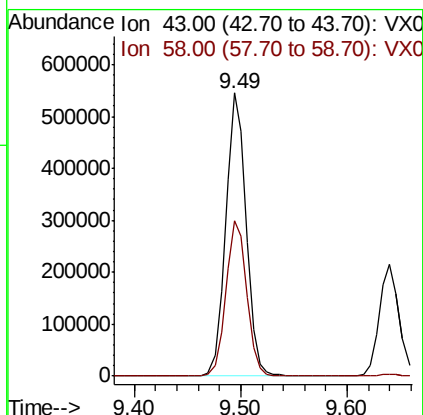
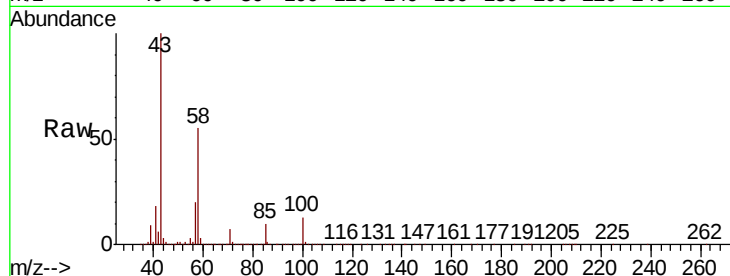




#59
2-Hexanone
Concen: 92.497 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

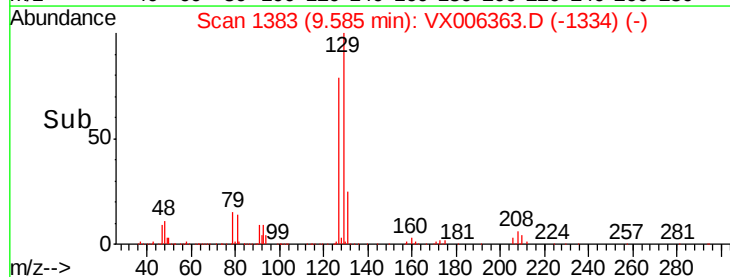
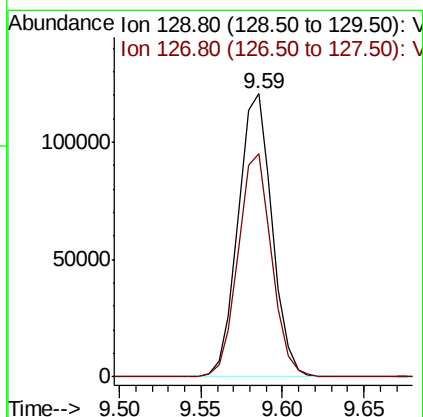
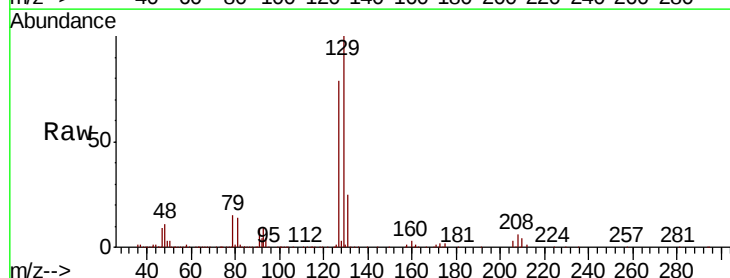
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

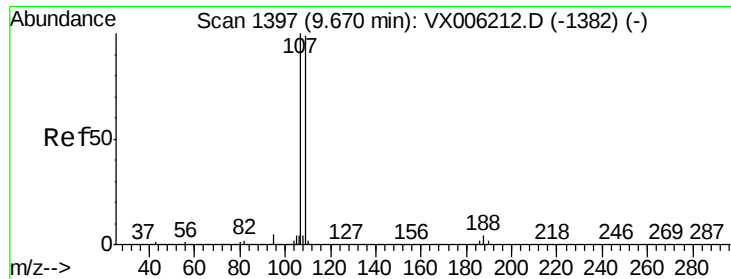
Tot Ion: 43 Resp: 732279
Ion Ratio Lower Upper
43 100
58 55.9 27.7 83.1



#60
Dibromochloromethane
Concen: 18.564 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Tgt Ion: 129 Resp: 174696
Ion Ratio Lower Upper
129 100
127 78.0 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.079 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

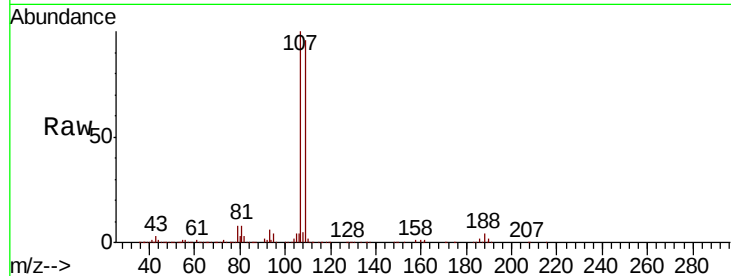
VX1210WBS01

Tot Ion:107 Resp: 162805

Ion Ratio Lower Upper

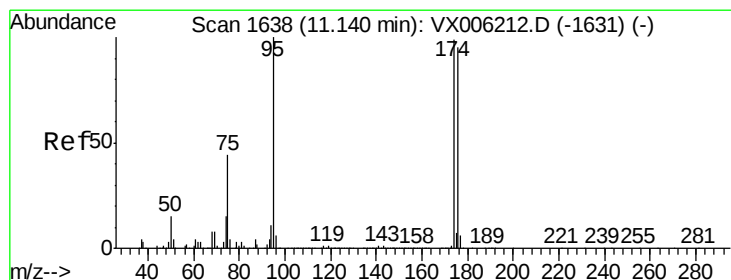
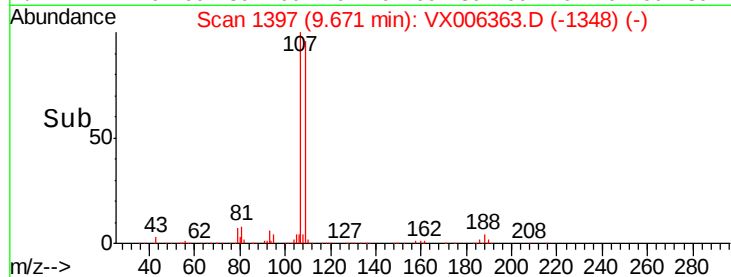
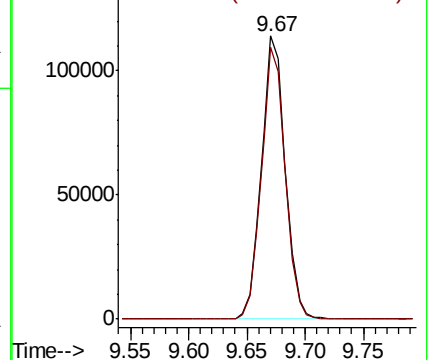
107 100

109 95.8 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.914 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

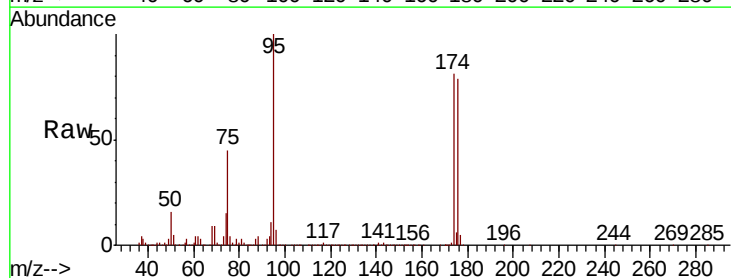
Tgt Ion: 95 Resp: 491431

Ion Ratio Lower Upper

95 100

174 91.1 0.0 187.0

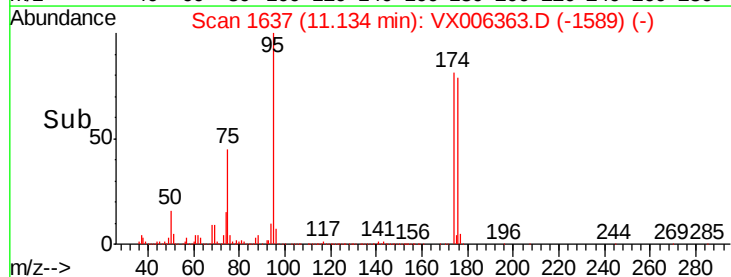
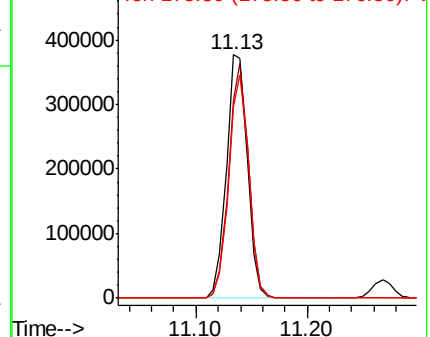
176 87.6 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

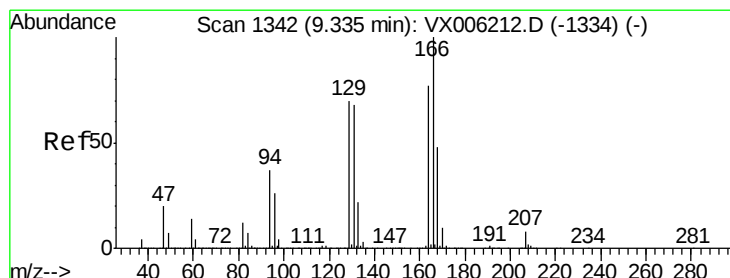
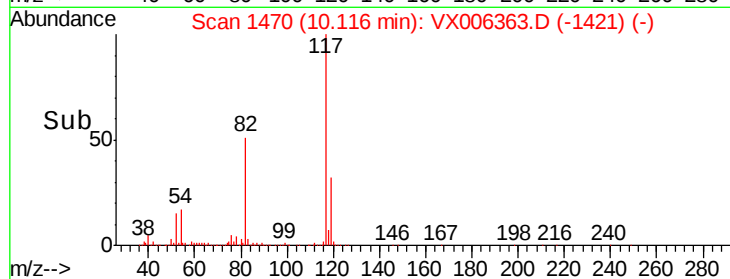
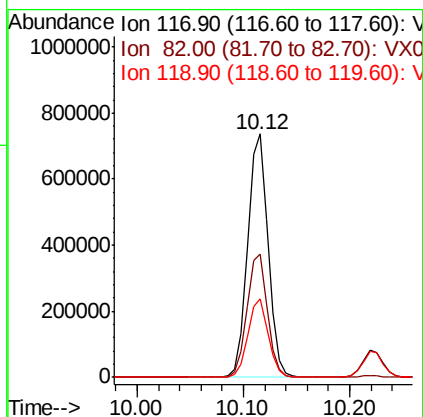
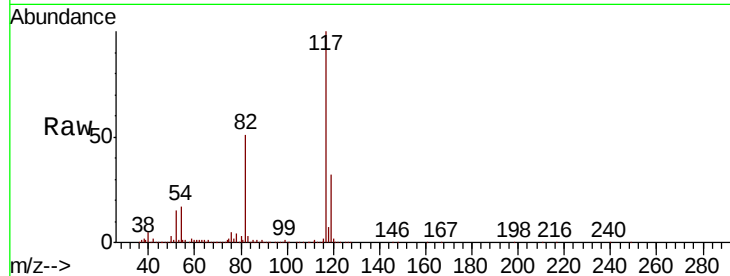




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

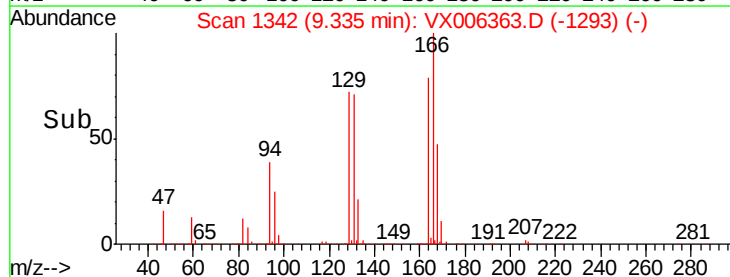
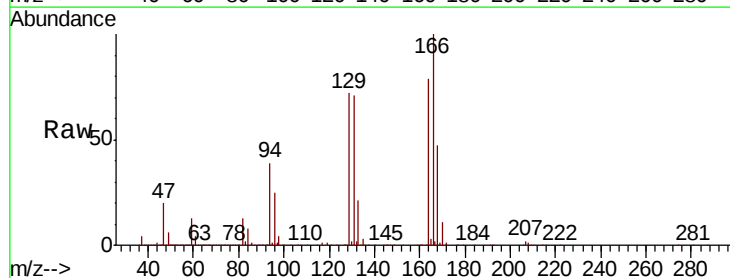
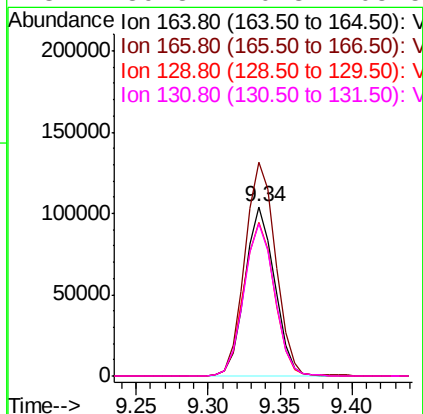
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

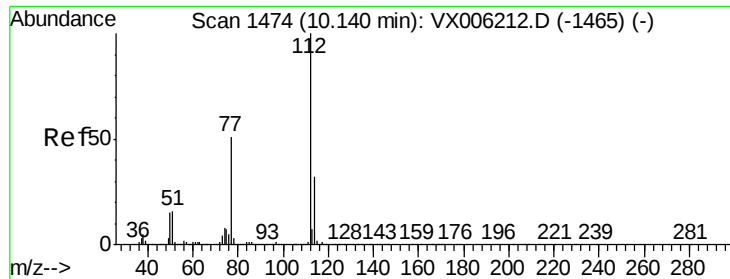
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.6	39.6	59.4
119	32.1	26.3	39.5



#64
Tetrachloroethene
Concen: 19.817 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.0	104.2	156.2
129	90.9	72.6	108.8
131	89.8	70.3	105.5





#65

Chlorobenzene

Concen: 19.743 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

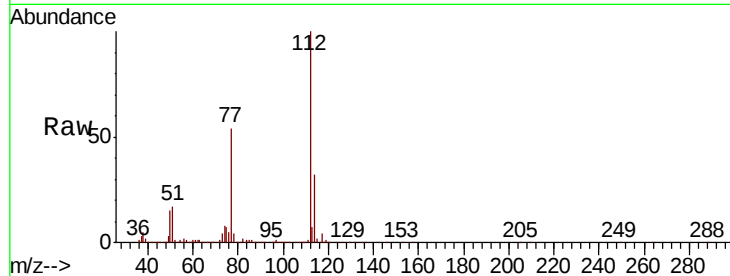
VX1210WBS01

Tot Ion:112 Resp: 415489

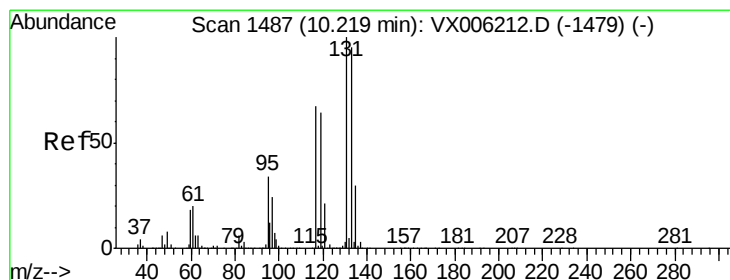
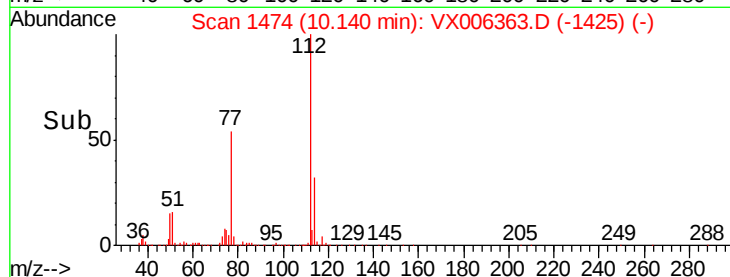
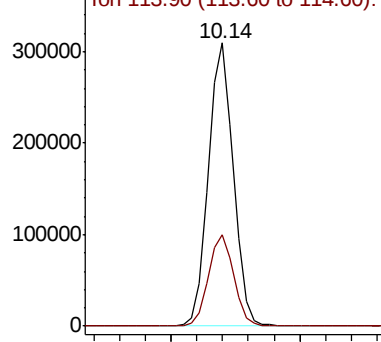
Ion Ratio Lower Upper

112 100

114 32.1 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.903 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

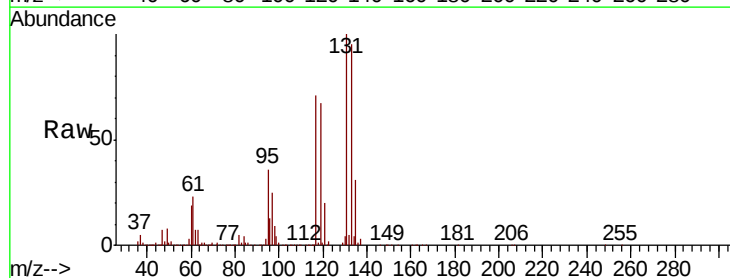
Tgt Ion:131 Resp: 162743

Ion Ratio Lower Upper

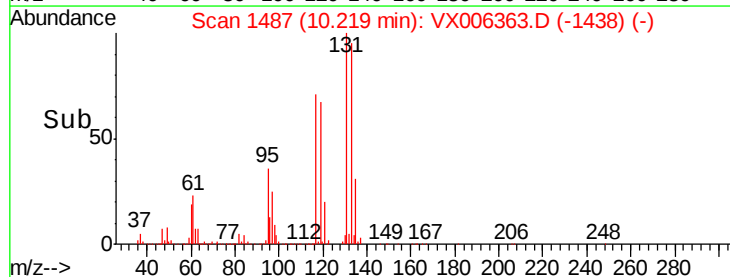
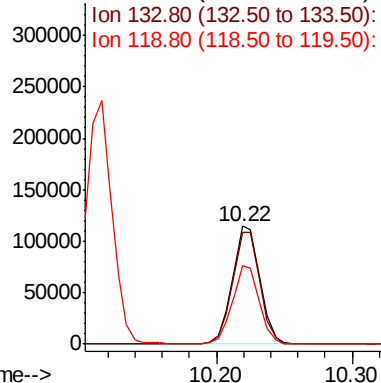
131 100

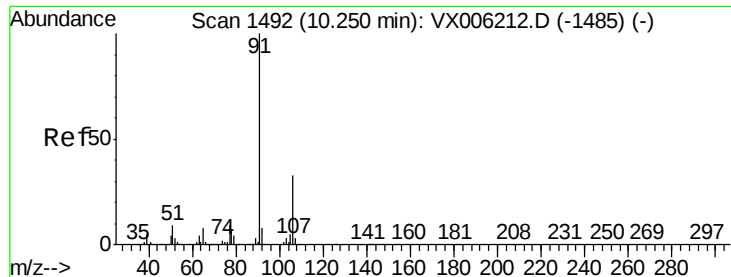
133 94.9 48.1 144.4

119 64.9 32.1 96.3



Abundance Ion 130.80 (130.50 to 131.50): V

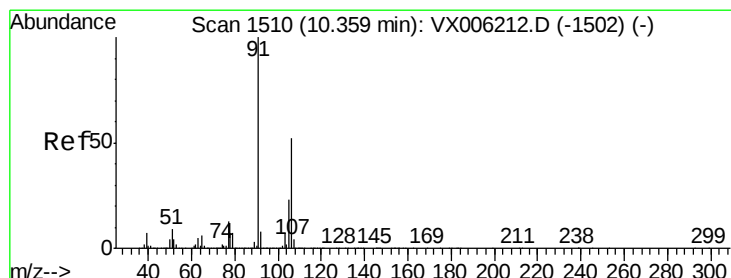
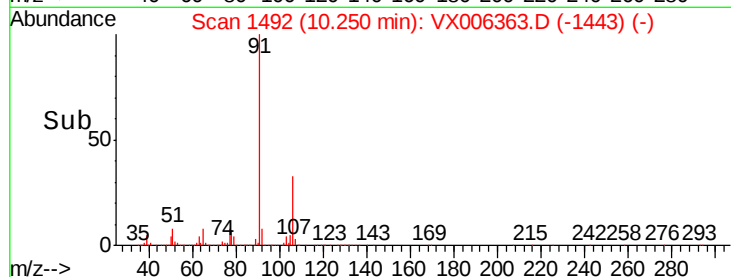
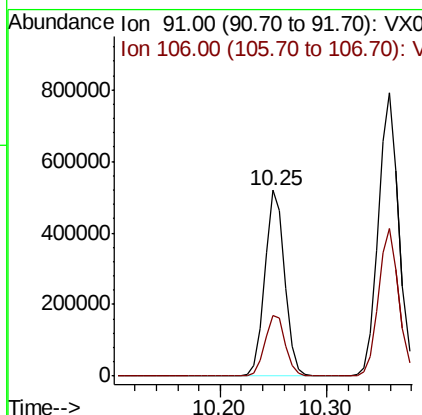
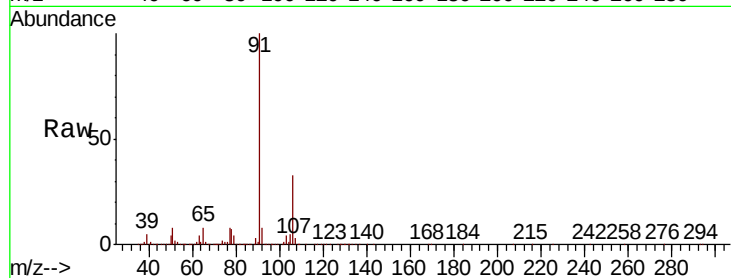




#67
Ethyl Benzene
Concen: 19.342 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

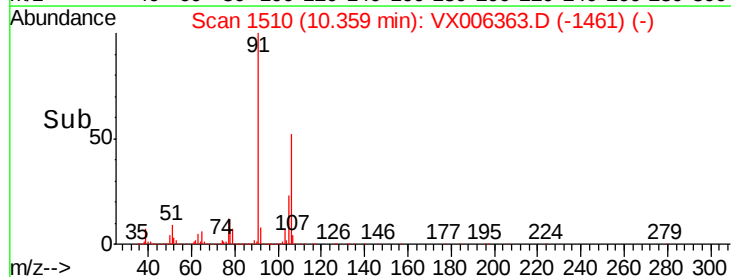
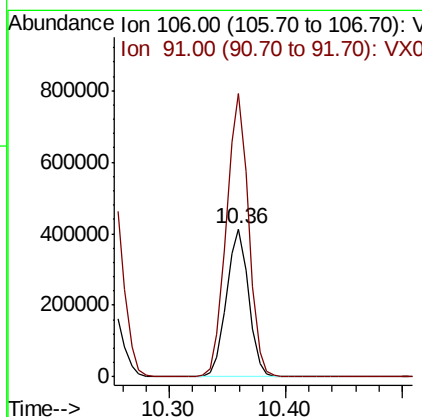
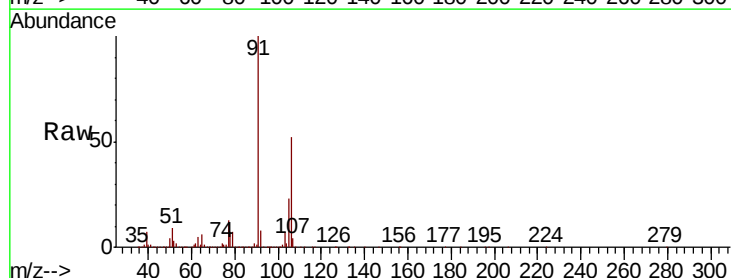
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

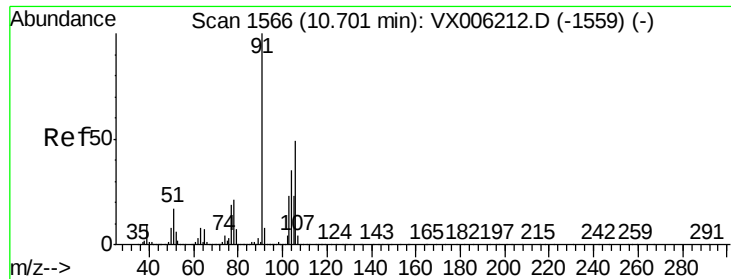
Tot Ion: 91 Resp: 677028
Ion Ratio Lower Upper
91 100
106 32.8 26.5 39.7



#68
m/p-Xylenes
Concen: 38.846 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Tgt Ion: 106 Resp: 544659
Ion Ratio Lower Upper
106 100
91 192.2 155.2 232.8

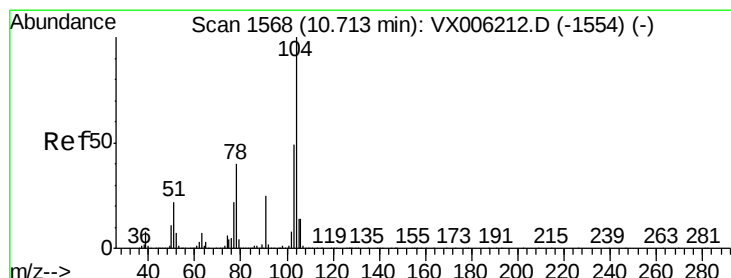
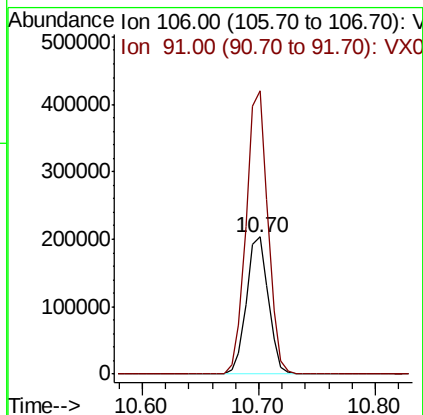
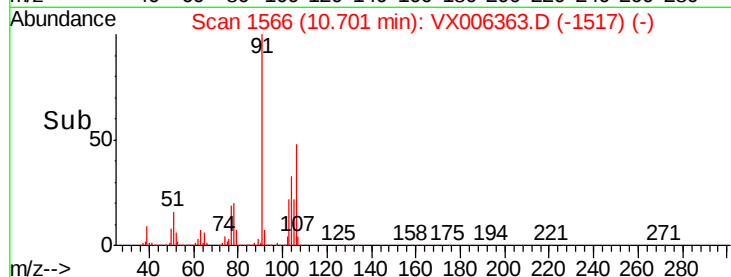
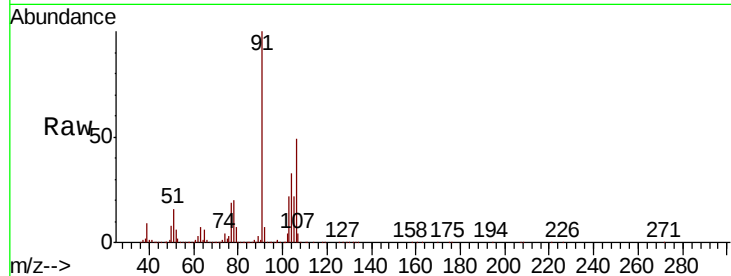




#69
o-Xylene
Concen: 19.458 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

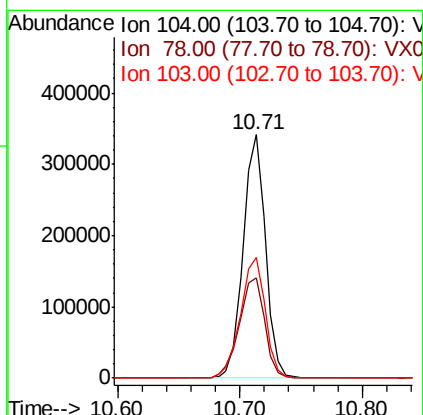
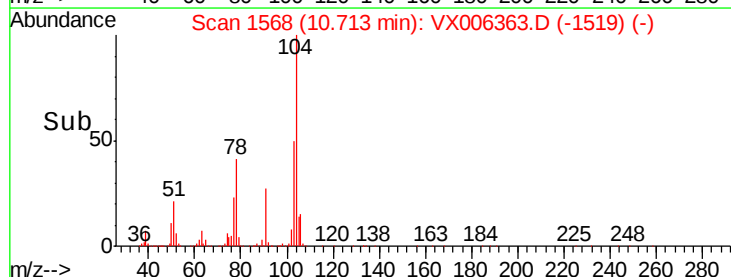
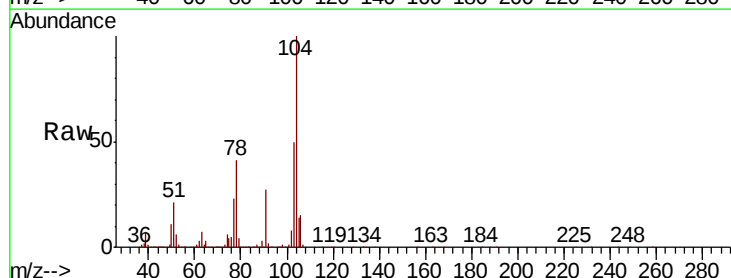
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

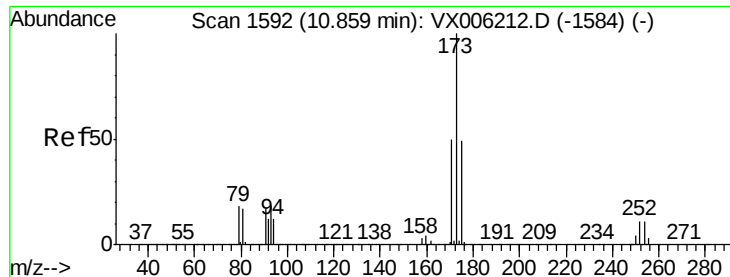
Tot Ion:106 Resp: 269482
Ion Ratio Lower Upper
106 100
91 203.9 101.8 305.6



#70
Styrene
Concen: 19.264 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Tgt Ion:104 Resp: 431495
Ion Ratio Lower Upper
104 100
78 46.8 37.2 55.8
103 55.0 43.5 65.3

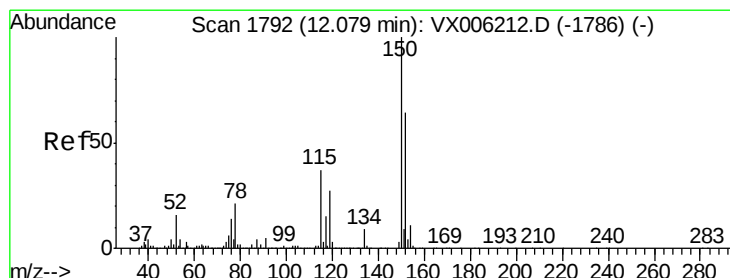
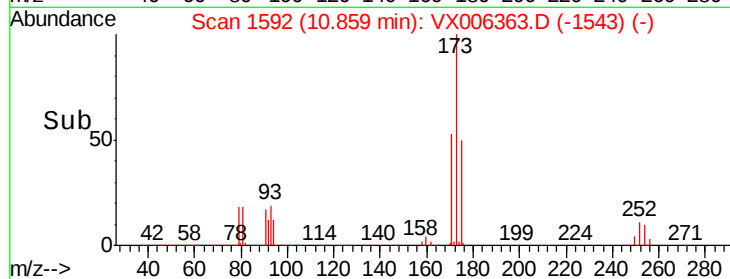
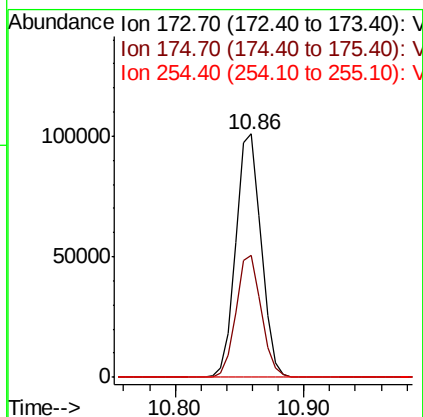
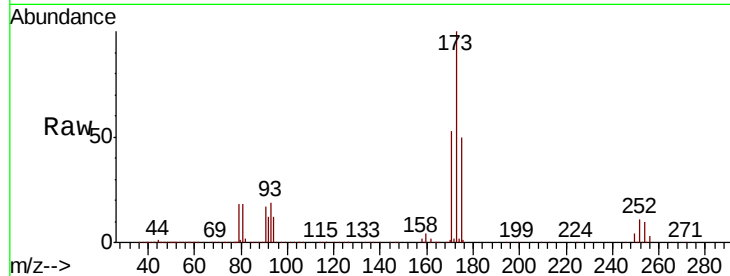




#71
Bromoform
Concen: 17.953 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

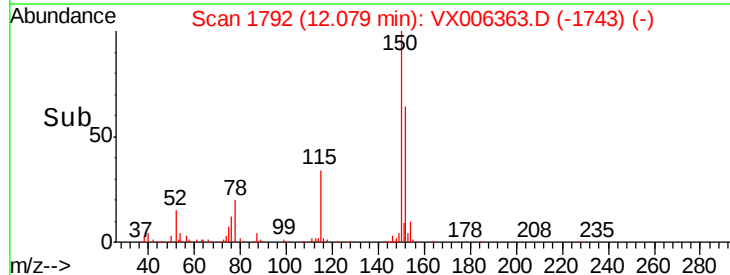
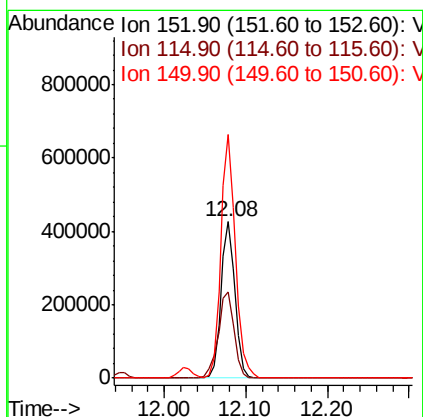
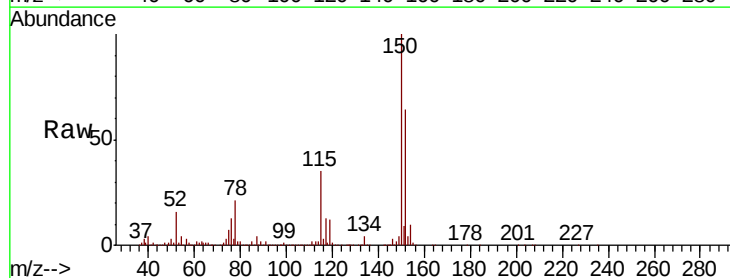
Instrument :
MSVOA_X
ClientSampled :
VX1210WBS01

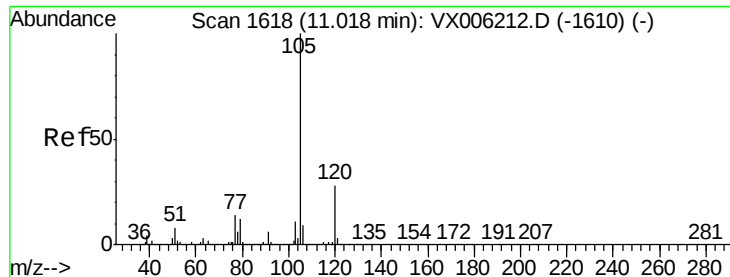
Tot Ion:173 Resp: 138576
Ion Ratio Lower Upper
173 100
175 49.9 24.6 73.8
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Tgt Ion:152 Resp: 507706
Ion Ratio Lower Upper
152 100
115 63.5 39.0 116.9
150 162.3 0.0 345.8





#73

Isopropylbenzene

Concen: 20.416 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

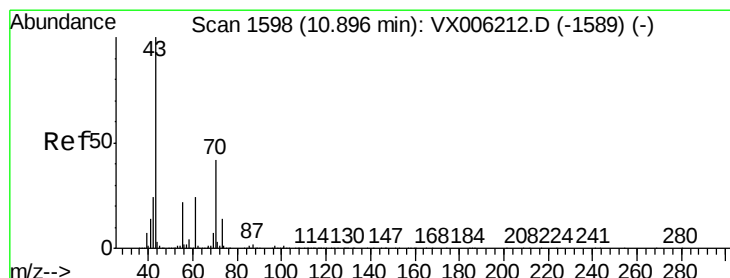
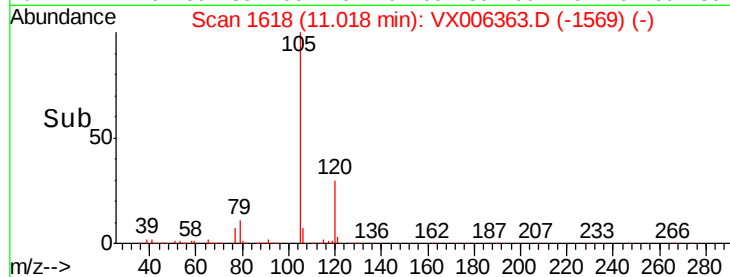
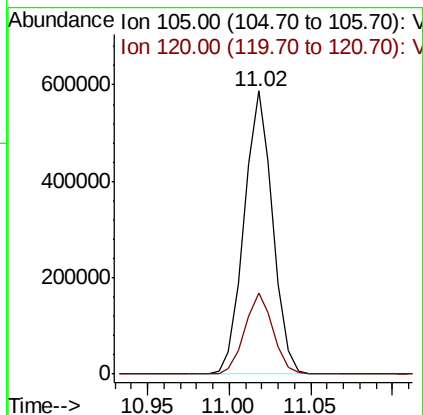
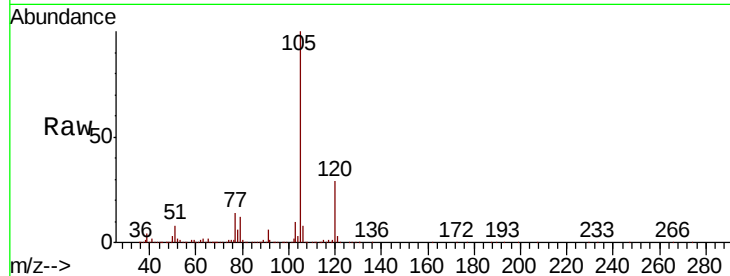
VX1210WBS01

Tot Ion:105 Resp: 715824

Ion Ratio Lower Upper

105 100

120 28.3 14.1 42.3



#74

N-ethyl acetate

Concen: 18.317 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Tgt Ion: 43 Resp: 276556

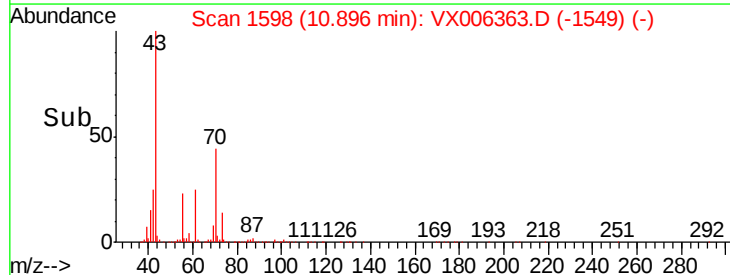
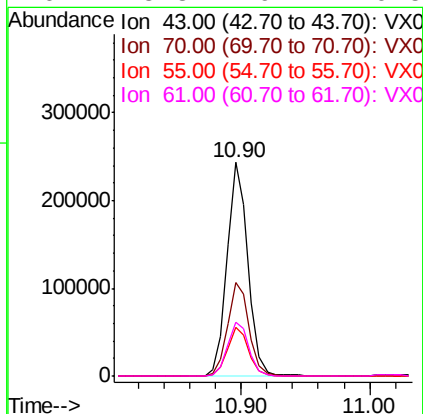
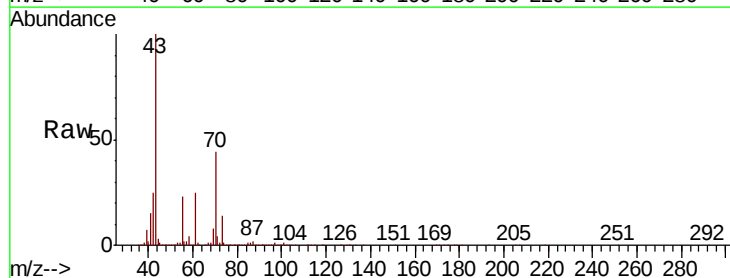
Ion Ratio Lower Upper

43 100

70 44.8 34.1 51.1

55 23.3 17.8 26.8

61 25.8 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.227 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

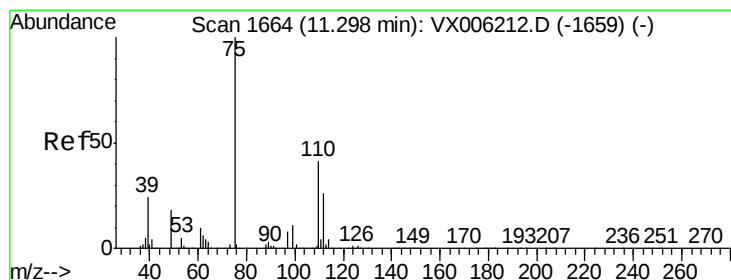
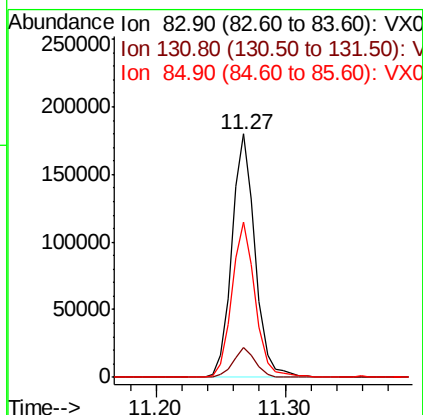
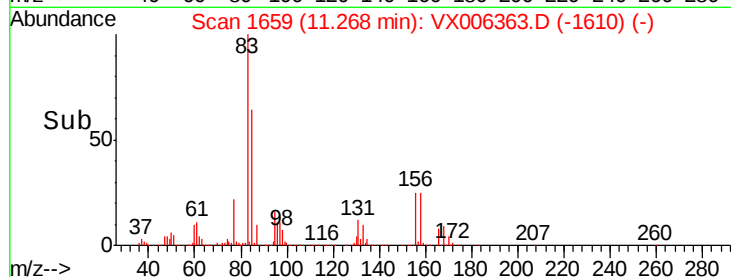
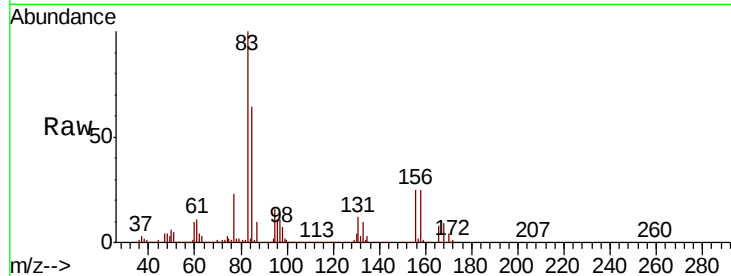
Tot Ion: 83 Resp: 226882

Ion Ratio Lower Upper

83 100

131 11.6 5.7 17.1

85 64.2 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 26.916 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006363.D

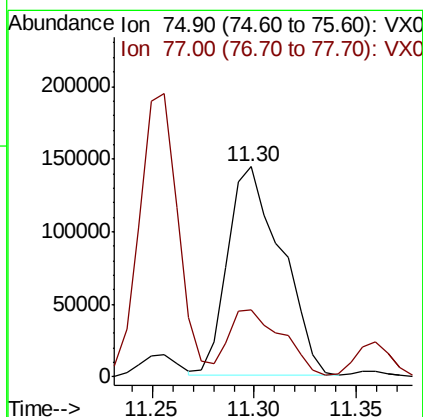
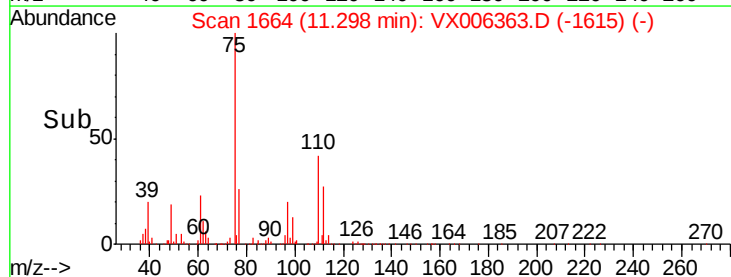
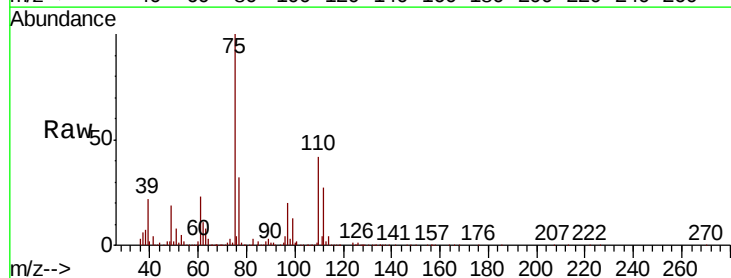
Acq: 10 Dec 2018 12:12

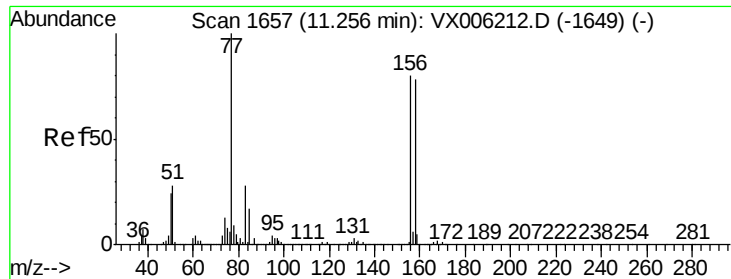
Tgt Ion: 75 Resp: 263762

Ion Ratio Lower Upper

75 100

77 31.9 19.9 59.7





#77

Bromobenzene

Concen: 20.314 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

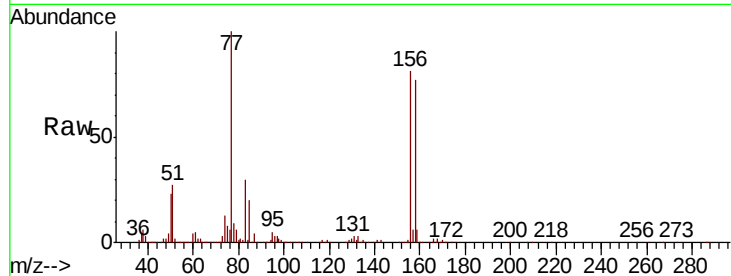
Tot Ion:156 Resp: 197658

Ion Ratio Lower Upper

156 100

77 130.5 66.2 198.6

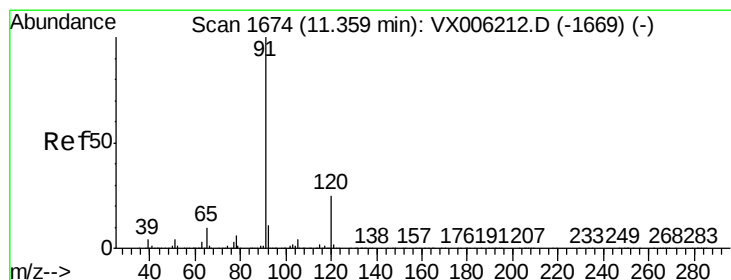
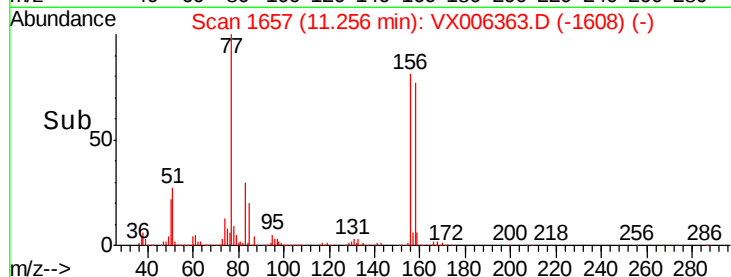
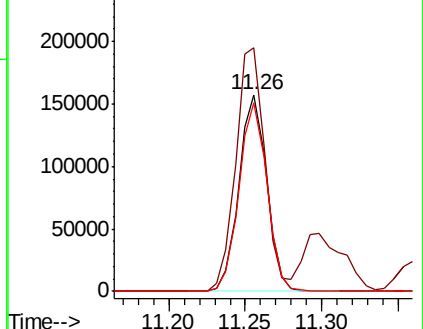
158 96.8 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.795 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006363.D

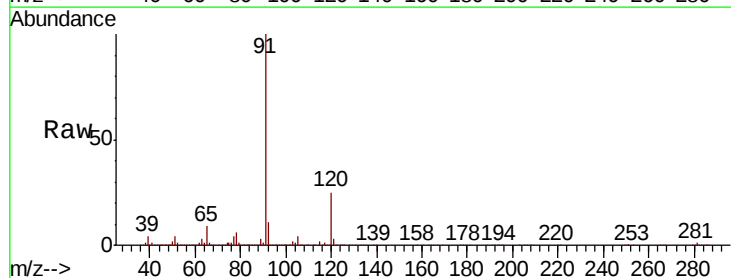
Acq: 10 Dec 2018 12:12

Tgt Ion: 91 Resp: 771489

Ion Ratio Lower Upper

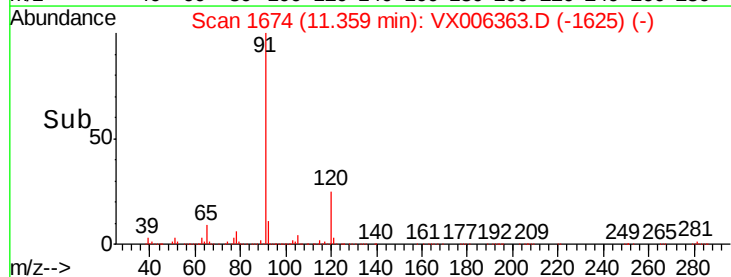
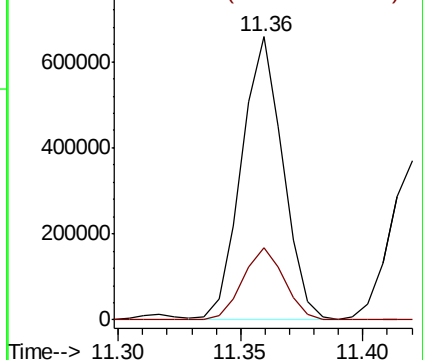
91 100

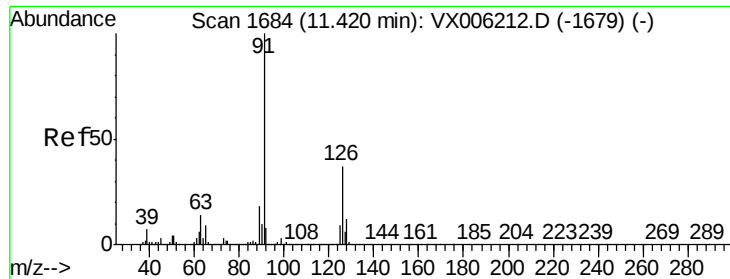
120 25.6 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

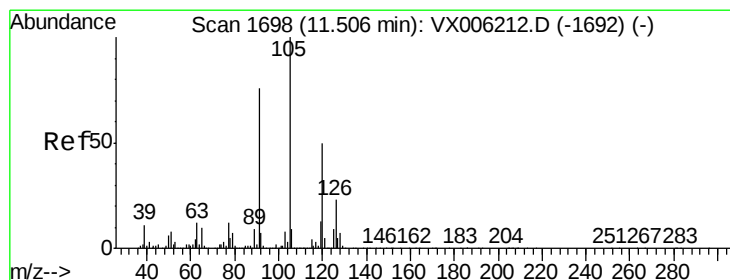
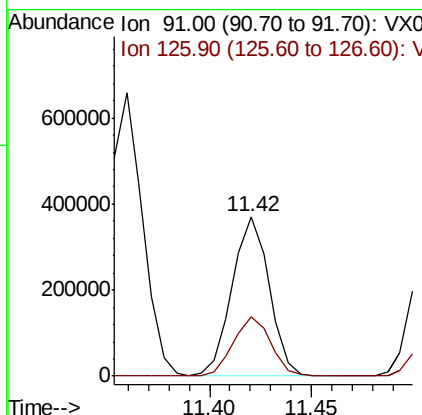
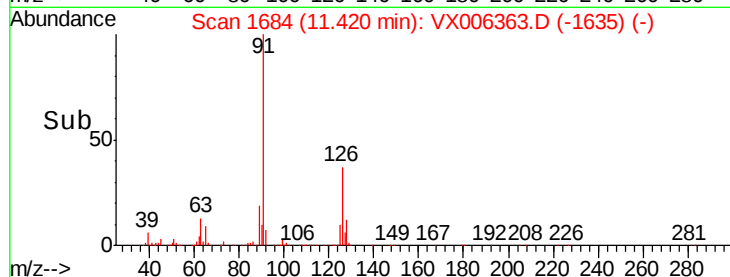
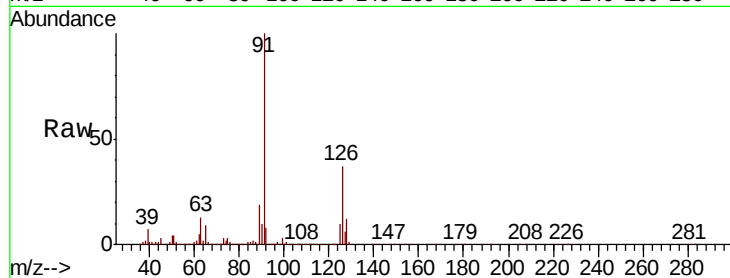




#79
 2-Chlorotoluene
 Concen: 20.076 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX006363.D
 Acq: 10 Dec 2018 12:12

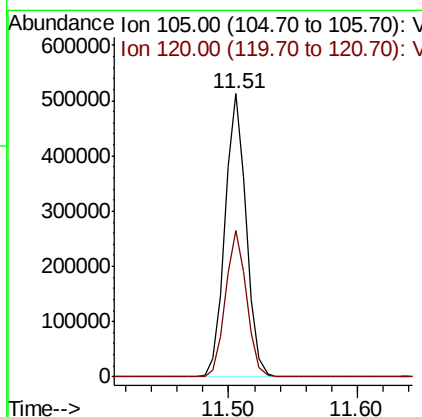
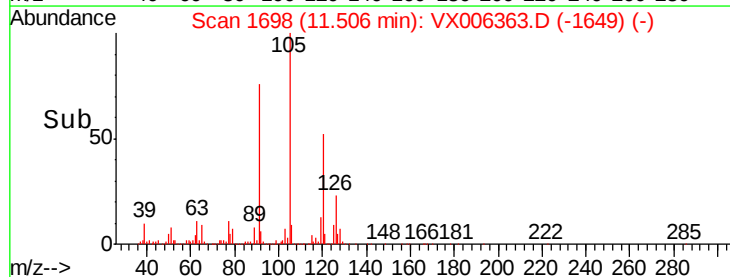
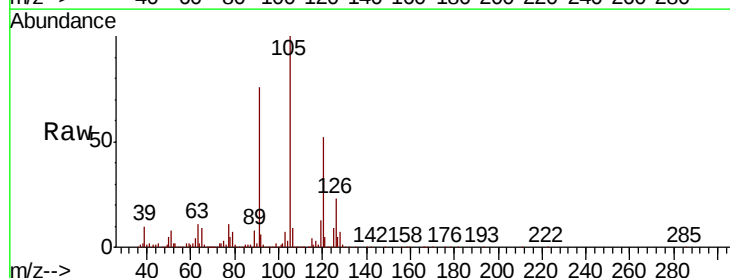
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

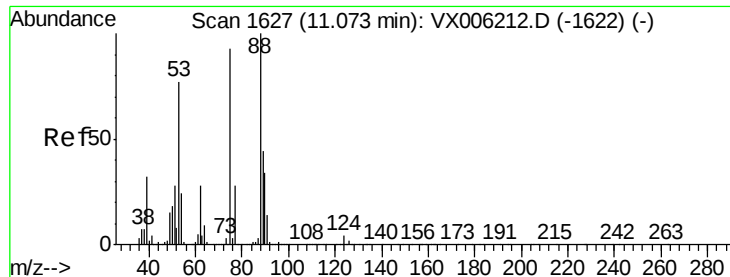
Tot Ion: 91 Resp: 465067
 Ion Ratio Lower Upper
 91 100
 126 37.4 18.6 56.0



#80
 1,3,5-Trimethylbenzene
 Concen: 20.281 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX006363.D
 Acq: 10 Dec 2018 12:12

Tgt Ion: 105 Resp: 591634
 Ion Ratio Lower Upper
 105 100
 120 51.4 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.840 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

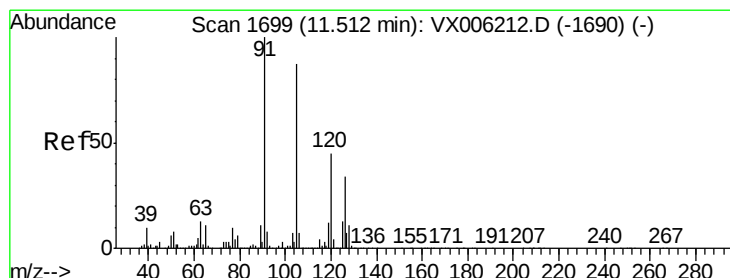
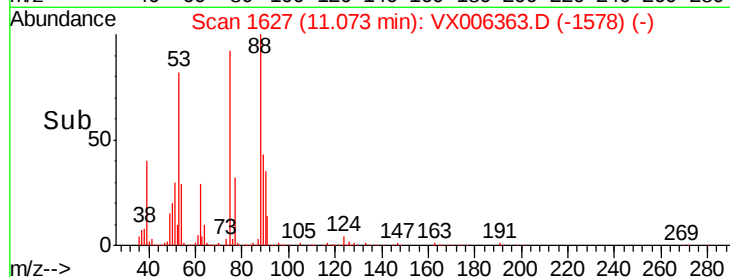
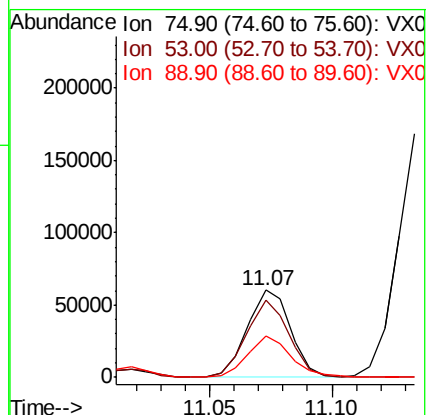
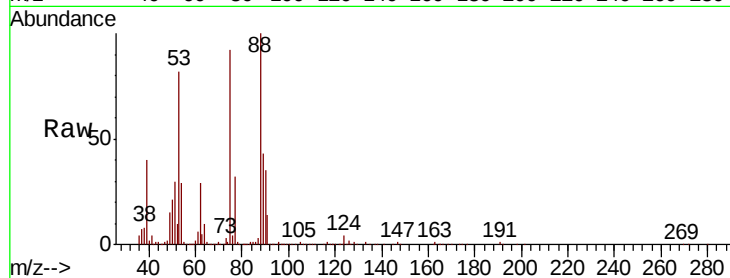
Tot Ion: 75 Resp: 74496

Ion Ratio Lower Upper

75 100

53 86.4 64.4 96.6

89 47.1 44.2 66.4



#82

4-Chlorotoluene

Concen: 19.769 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006363.D

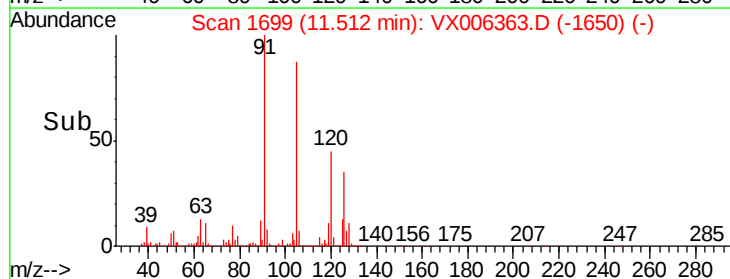
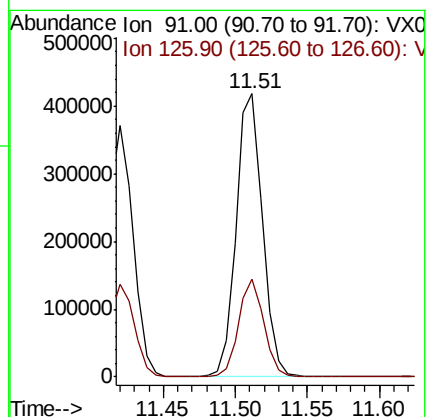
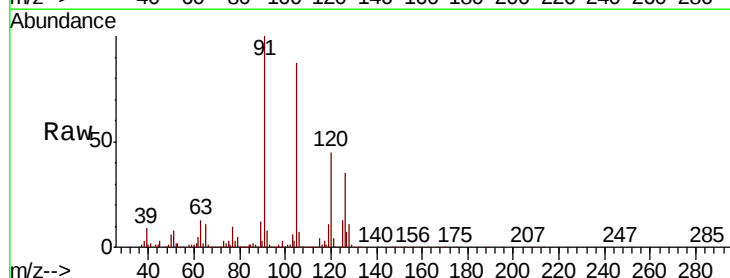
Acq: 10 Dec 2018 12:12

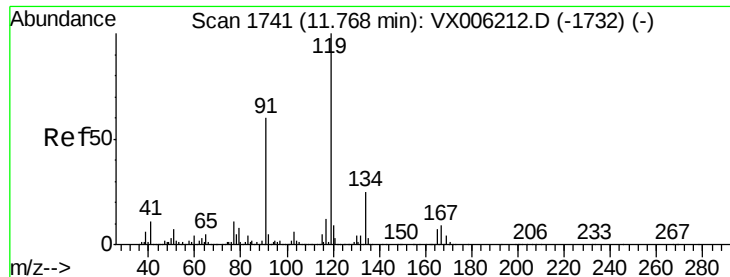
Tgt Ion: 91 Resp: 532437

Ion Ratio Lower Upper

91 100

126 32.9 16.4 49.4

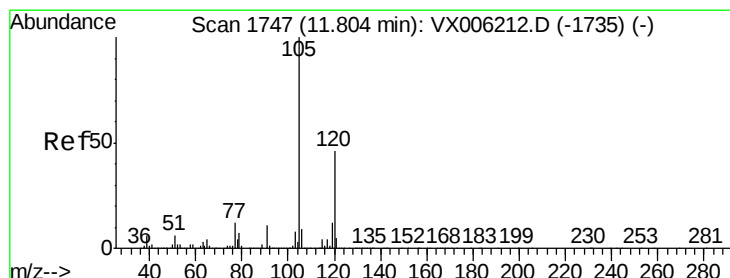
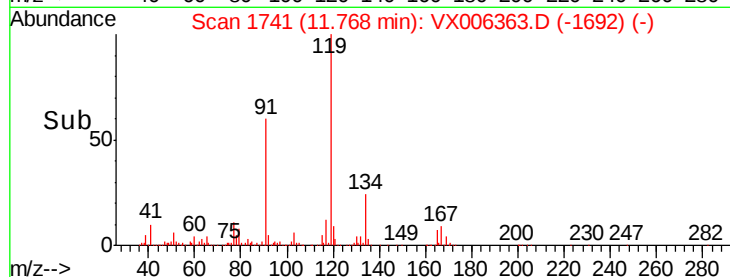
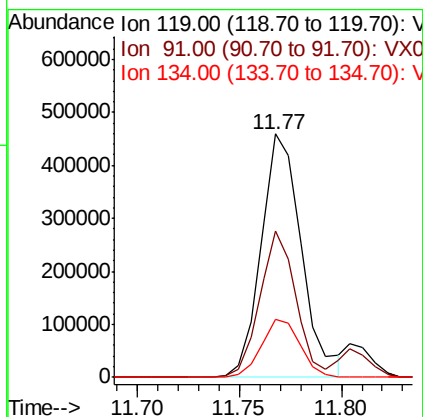
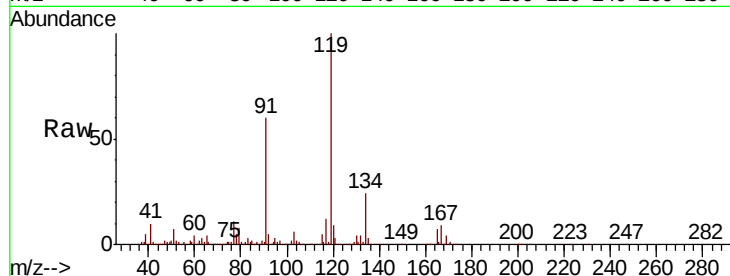




#83
tert-Butylbenzene
Concen: 20.325 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

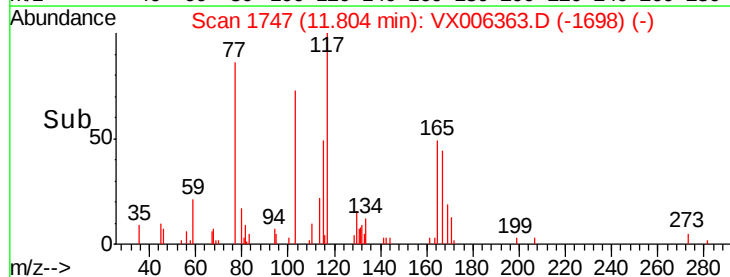
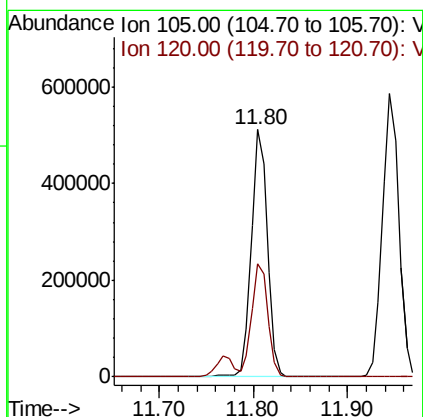
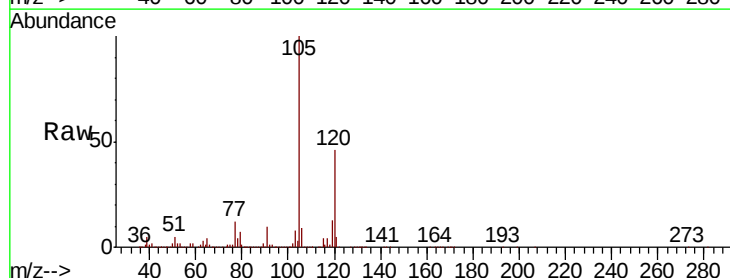
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

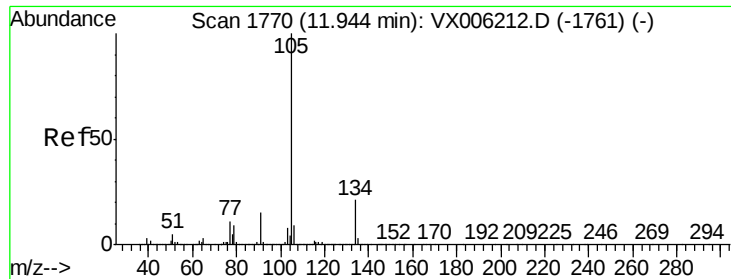
Tot Ion:119 Resp: 632618
Ion Ratio Lower Upper
119 100
91 53.7 26.4 79.2
134 22.8 11.6 34.7



#84
1,2,4-Trimethylbenzene
Concen: 20.384 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Tgt Ion:105 Resp: 614041
Ion Ratio Lower Upper
105 100
120 46.0 23.4 70.0





#85

sec-Butylbenzene

Concen: 20.259 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

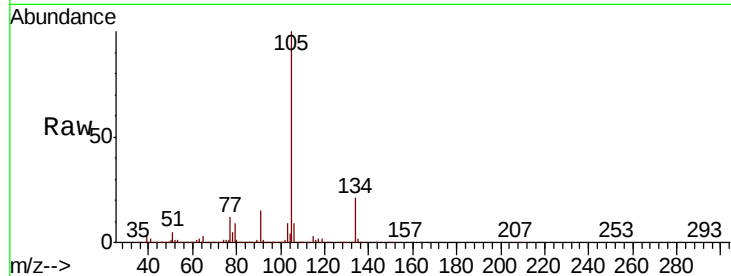
VX1210WBS01

Tot Ion:105 Resp: 717349

Ion Ratio Lower Upper

105 100

134 21.9 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

600000

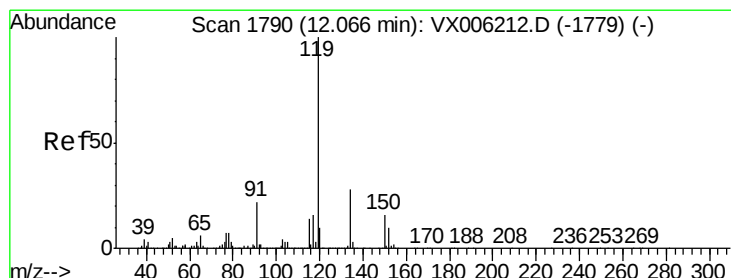
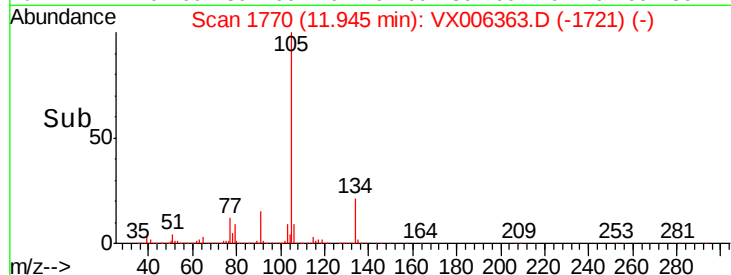
400000

200000

0

11.90 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 20.123 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.01 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

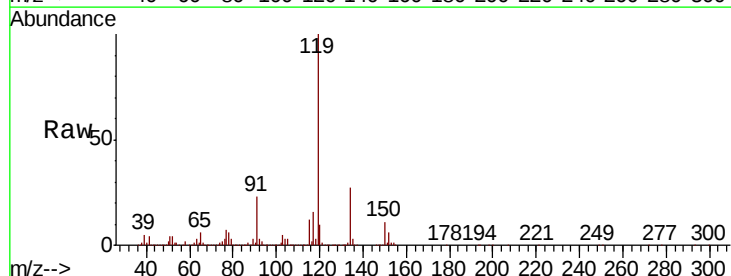
Tgt Ion:119 Resp: 641618

Ion Ratio Lower Upper

119 100

134 27.9 13.9 41.6

91 22.7 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

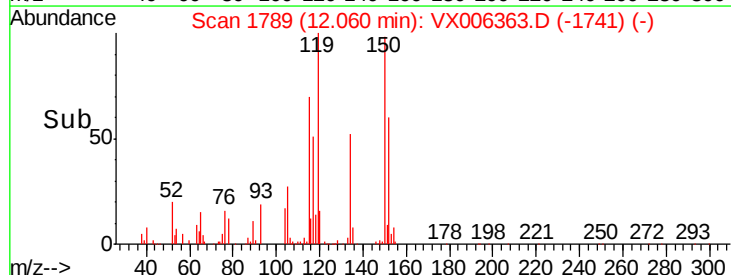
400000

200000

0

12.00 12.10

Time-->

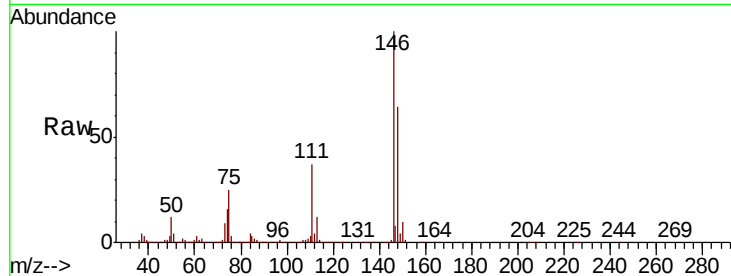




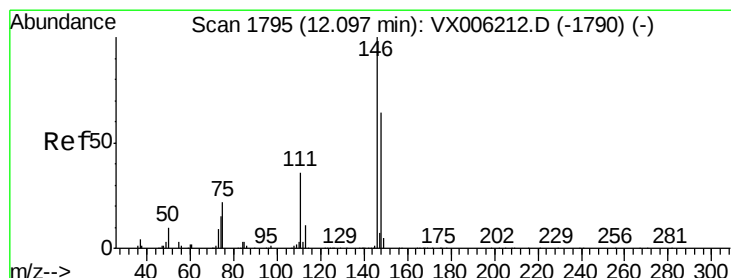
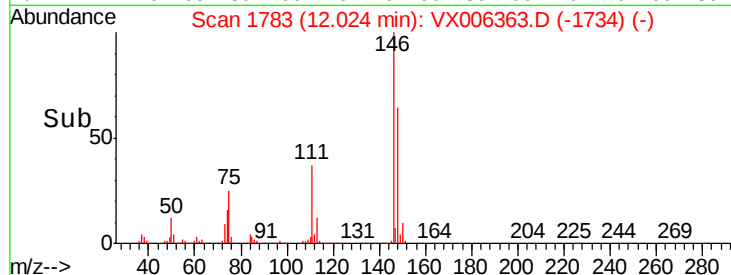
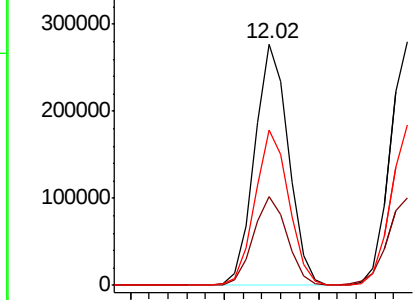
#87
 1,3-Dichlorobenzene
 Concen: 19.961 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006363.D
 Acq: 10 Dec 2018 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.4	55.2
148	64.0	32.0	96.0

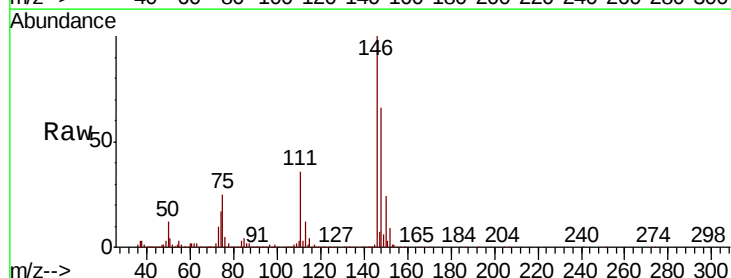


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

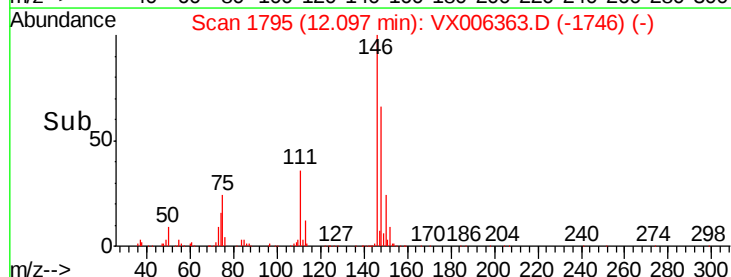
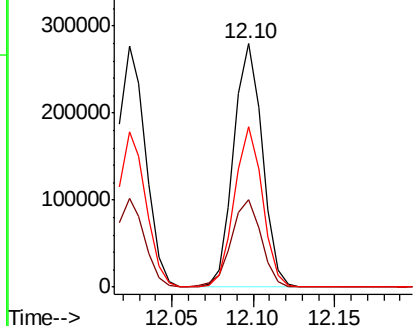


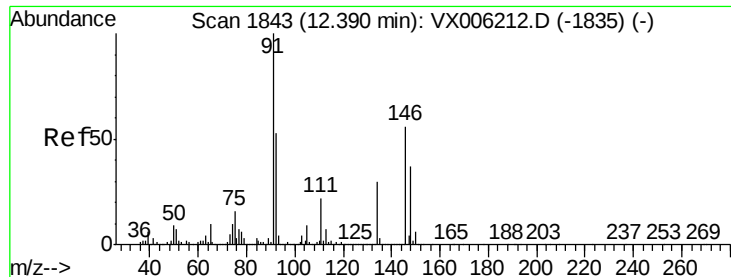
#88
 1,4-Dichlorobenzene
 Concen: 19.521 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006363.D
 Acq: 10 Dec 2018 12:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.3	54.8
148	64.3	31.9	95.9



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

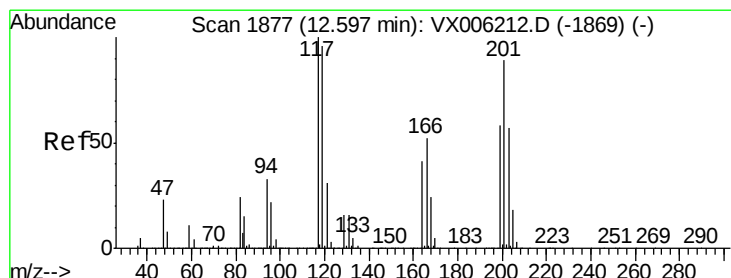
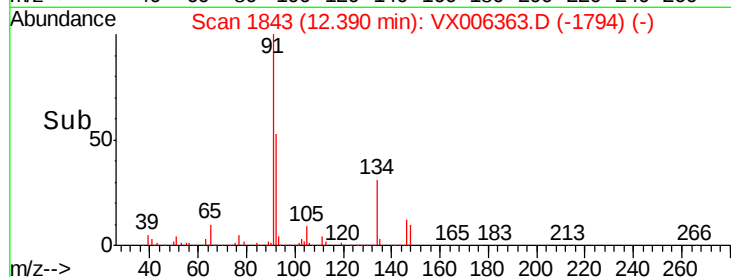
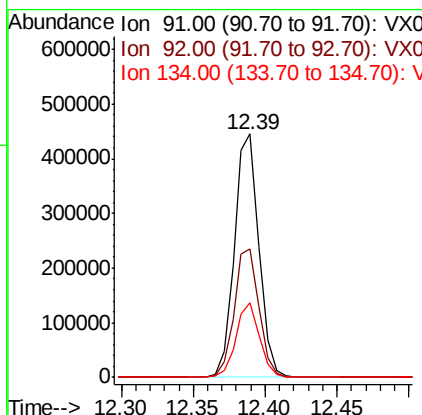
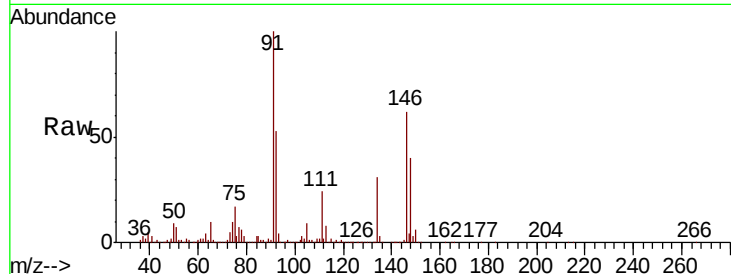




#89
n-Butylbenzene
Concen: 19.432 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

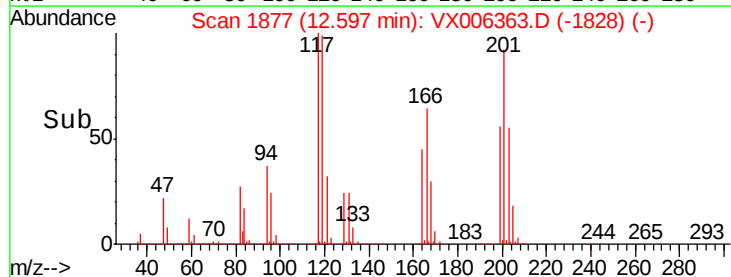
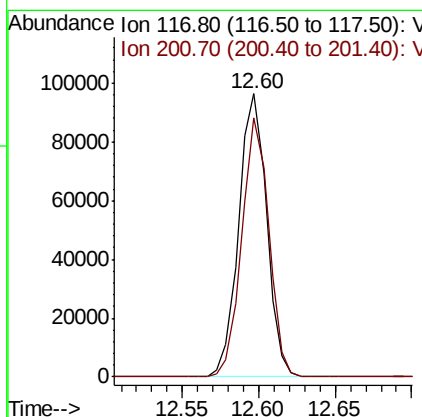
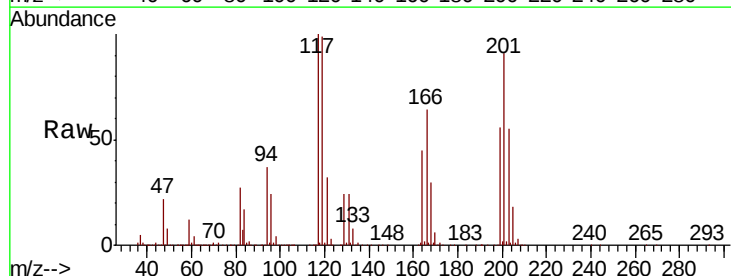
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

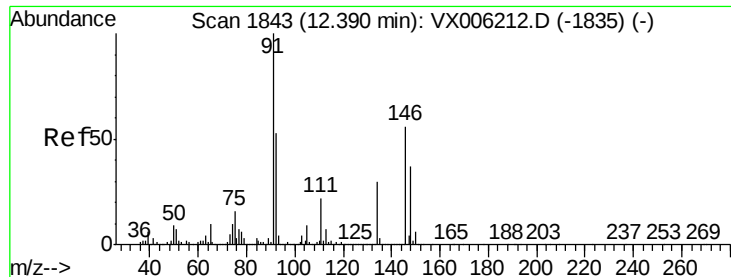
Tot Ion: 91 Resp: 528667
Ion Ratio Lower Upper
91 100
92 53.5 26.6 79.8
134 29.4 14.8 44.3



#90
Hexachloroethane
Concen: 18.819 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Tgt Ion: 117 Resp: 122296
Ion Ratio Lower Upper
117 100
201 88.3 44.7 134.1





#91

1,2-Dichlorobenzene

Concen: 20.051 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

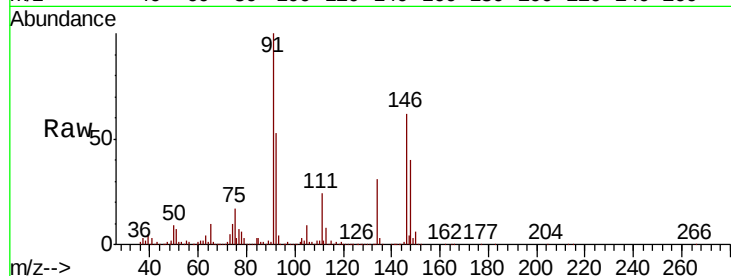
Tot Ion:146 Resp: 344539

Ion Ratio Lower Upper

146 100

111 38.1 19.1 57.3

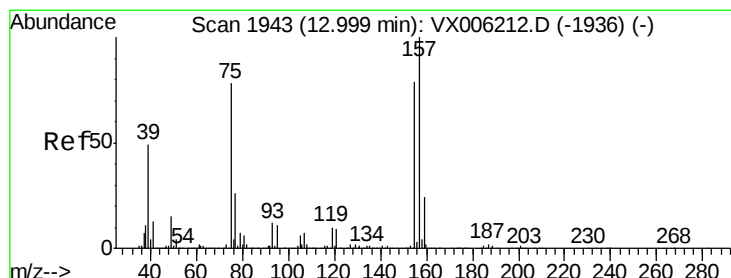
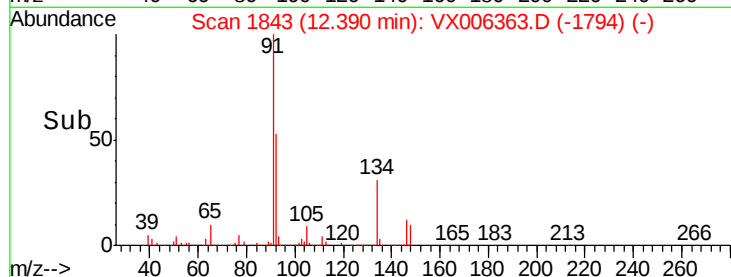
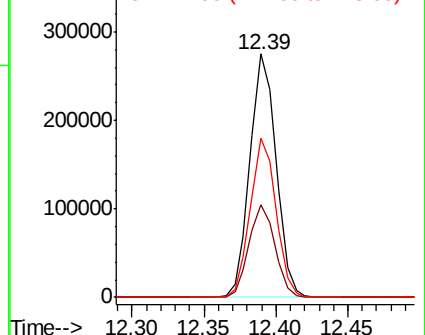
148 64.5 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.992 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

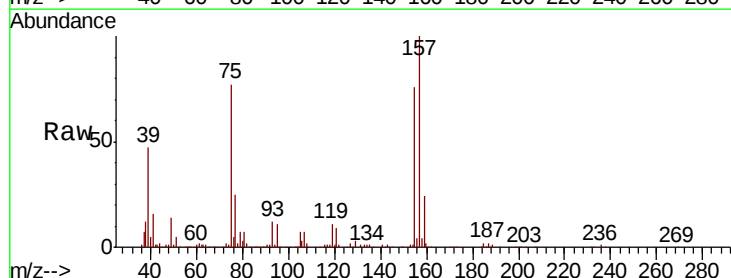
Tgt Ion: 75 Resp: 51735

Ion Ratio Lower Upper

75 100

155 102.2 53.4 160.3

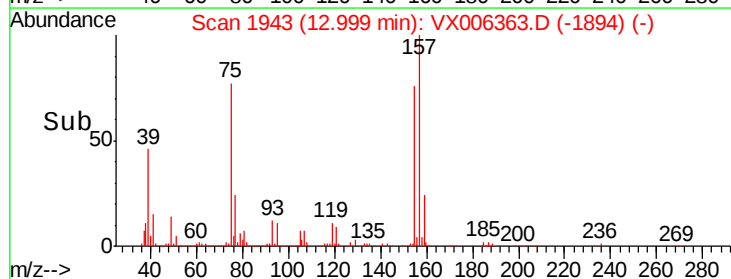
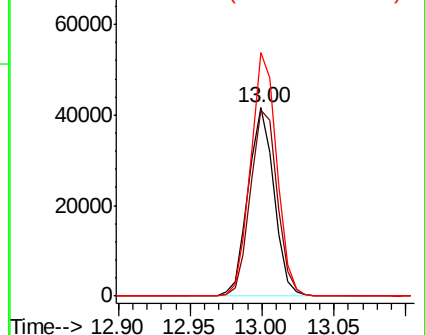
157 129.7 68.0 203.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

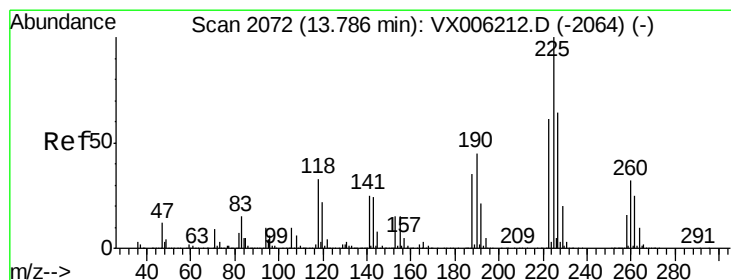
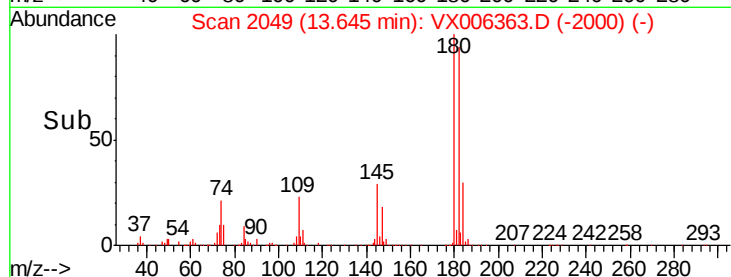
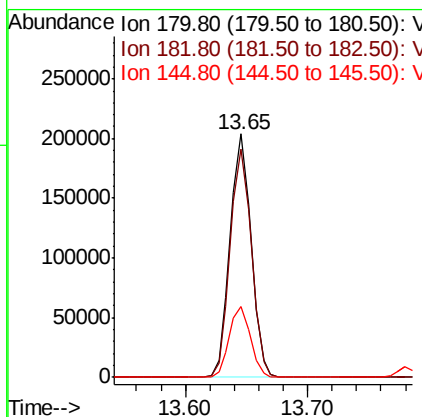
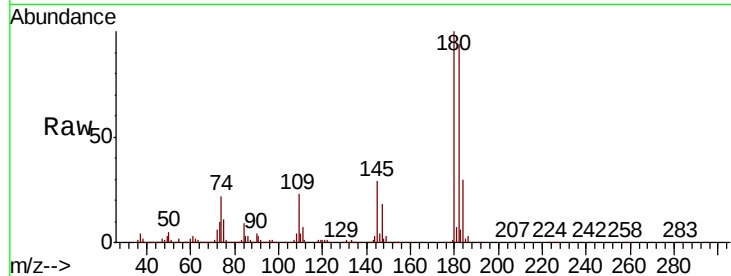




#93
 1,2,4-Trichlorobenzene
 Concen: 19.304 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006363.D
 Acq: 10 Dec 2018 12:12

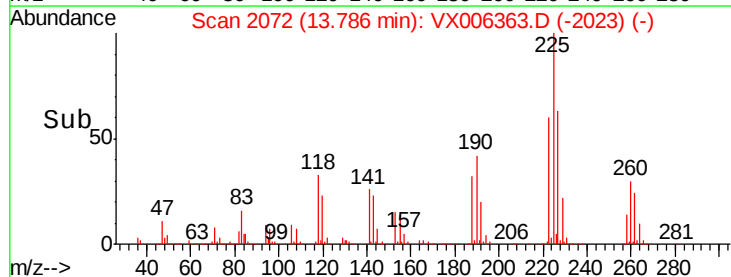
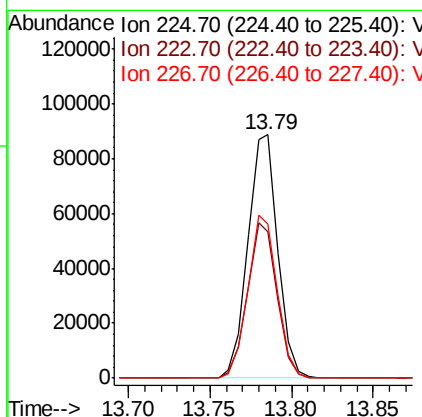
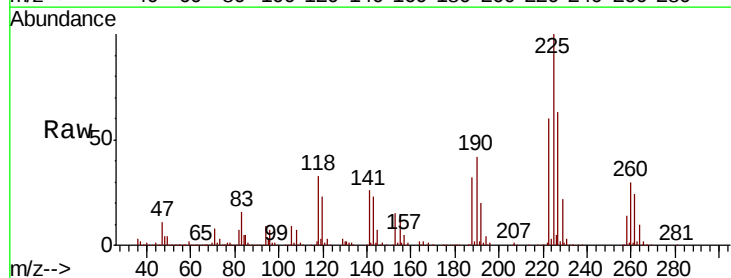
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

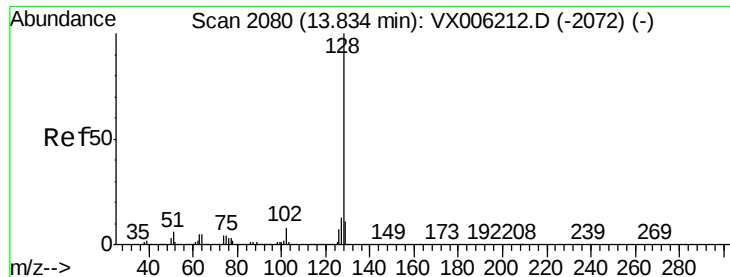
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.3	141.9
145	29.4	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 20.366 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX006363.D
 Acq: 10 Dec 2018 12:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.2	93.6
227	65.7	31.9	95.5





#95

Naphthalene

Concen: 19.434 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

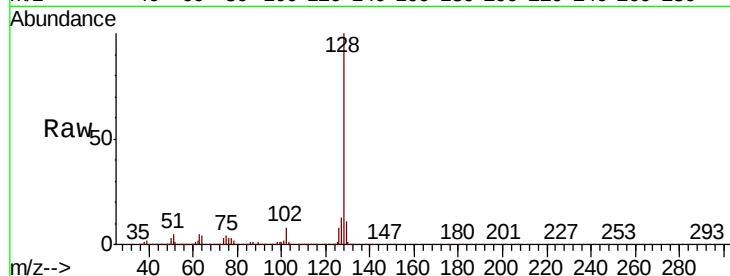
Tot Ion:128 Resp: 757844

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

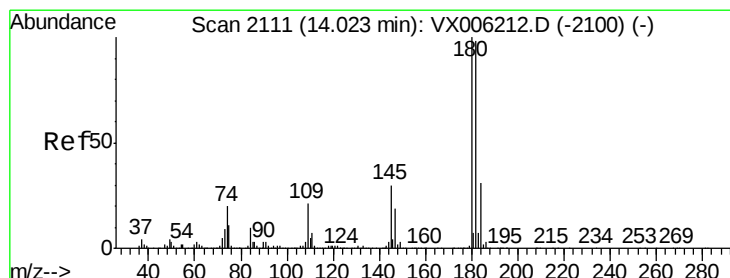
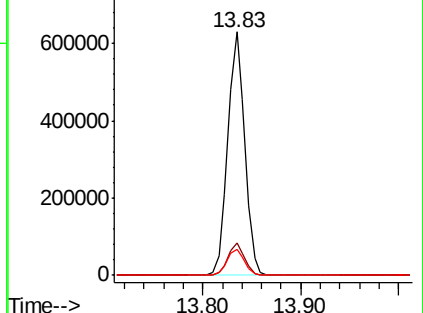
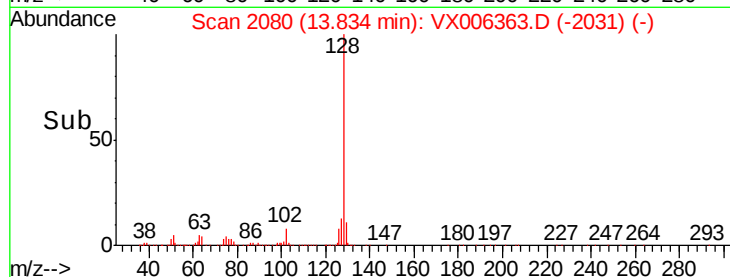
129 11.0 8.9 13.3



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: 19.665 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

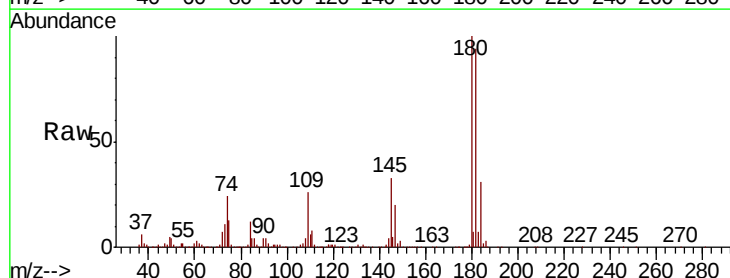
Tgt Ion:180 Resp: 244179

Ion Ratio Lower Upper

180 100

182 95.3 48.4 145.2

145 31.9 15.6 46.8



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

