

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121018\
 Data File : VX006388.D
 Acq On : 11 Dec 2018 00:12
 Operator : JC/MD
 Sample : VX1210WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS02

Quant Time: Dec 11 04:58:07 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	5.66	168	576412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	899857	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	809734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	414046	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	304952	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
35) Dibromofluoromethane	5.50	113	287332	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
50) Toluene-d8	8.71	98	1030272	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
62) 4-Bromofluorobenzene	11.13	95	392576	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	110247	19.534	ug/l	100
3) Chloromethane	1.33	50	106469	18.357	ug/l	96
4) Vinyl Chloride	1.41	62	118106	18.921	ug/l	97
5) Bromomethane	1.64	94	102604	23.718	ug/l	95
6) Chloroethane	1.73	64	75242	19.659	ug/l	96
7) Trichlorofluoromethane	1.93	101	181005	18.890	ug/l	96
8) Diethyl Ether	2.19	74	71214	19.638	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	102446	18.803	ug/l	98
10) Methyl Iodide	2.51	142	151178	18.412	ug/l	99
11) Tert butyl alcohol	3.07	59	159001	98.807	ug/l	99
12) 1,1-Dichloroethene	2.37	96	97320	18.659	ug/l	94
13) Acrolein	2.30	56	83949	95.447	ug/l	100
14) Allyl chloride	2.73	41	173186	16.809	ug/l	99
15) Acrylonitrile	3.15	53	325096	96.812	ug/l	99
16) Acetone	2.45	43	265295	96.071	ug/l	99
17) Carbon Disulfide	2.57	76	252679	15.722	ug/l	97
18) Methyl Acetate	2.78	43	186671	20.214	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	365833	19.661	ug/l	97
20) Methylene Chloride	2.86	84	113936	19.387	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	106865	19.226	ug/l	92
22) Diisopropyl ether	3.87	45	319053	19.825	ug/l	98
23) Vinyl Acetate	3.82	43	1305872	95.138	ug/l	99
24) 1,1-Dichloroethane	3.70	63	184655	20.075	ug/l	97
25) 2-Butanone	4.70	43	394745	100.185	ug/l	98
26) 2,2-Dichloropropane	4.59	77	134306	15.821	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	126665	20.430	ug/l	96
28) Bromochloromethane	5.01	49	82003	20.410	ug/l	100
29) Tetrahydrofuran	5.15	42	268611	98.090	ug/l	97
30) Chloroform	5.22	83	197305	20.411	ug/l	97
31) Cyclohexane	5.57	56	153640	18.074	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	176376	19.177	ug/l	98
36) 1,1-Dichloropropene	5.80	75	138318	18.253	ug/l	99
37) Ethyl Acetate	4.85	43	153385	18.075	ug/l	97
38) Carbon Tetrachloride	5.78	117	159926	17.940	ug/l	97

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 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	169243	17.206	ug/l	96
40) Benzene	6.14	78	437003	19.255	ug/l	99
41) Methacrylonitrile	5.06	41	83850	17.957	ug/l	97
42) 1,2-Dichloroethane	6.20	62	150152	20.214	ug/l	99
43) Isopropyl Acetate	6.46	43	249482	17.633	ug/l	99
44) Trichloroethene	7.21	130	127953	18.610	ug/l	93
45) 1,2-Dichloropropane	7.51	63	109157	18.924	ug/l	100
46) Dibromomethane	7.66	93	79041	18.973	ug/l	95
47) Bromodichloromethane	7.90	83	145940	18.090	ug/l	98
48) Methyl methacrylate	7.77	41	124022	18.018	ug/l	97
49) 1,4-Dioxane	7.75	88	65761	387.636	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	780478	94.757	ug/l	97
52) Toluene	8.79	92	285781	19.139	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	152466	16.160	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	166502	16.995	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	119998	19.782	ug/l	100
56) Ethyl methacrylate	9.18	69	180115	18.993	ug/l	96
57) 1,3-Dichloropropane	9.37	76	188772	19.680	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	463743	96.367	ug/l	99
59) 2-Hexanone	9.49	43	596390	94.774	ug/l	99
60) Dibromochloromethane	9.58	129	128574	17.189	ug/l	99
61) 1,2-Dibromoethane	9.67	107	127296	18.768	ug/l	98
64) Tetrachloroethene	9.33	164	119836	19.652	ug/l	97
65) Chlorobenzene	10.14	112	338933	19.718	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	122610	18.359	ug/l	99
67) Ethyl Benzene	10.25	91	551286	19.284	ug/l	98
68) m/p-Xylenes	10.36	106	437440	38.199	ug/l	98
69) o-Xylene	10.70	106	216033	19.098	ug/l	100
70) Styrene	10.71	104	347590	18.999	ug/l	99
71) Bromoform	10.86	173	98075	15.557	ug/l #	98
73) Isopropylbenzene	11.02	105	573415	20.054	ug/l	100
74) N-amyl acetate	10.90	43	222978	18.109	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	185113	20.236	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	201820	25.254	ug/l	89
77) Bromobenzene	11.26	156	154528	19.474	ug/l	96
78) n-propylbenzene	11.36	91	623480	19.616	ug/l	100
79) 2-Chlorotoluene	11.42	91	379676	20.098	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	474172	19.931	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	50087	14.708	ug/l	88
82) 4-Chlorotoluene	11.51	91	430134	19.583	ug/l	99
83) tert-Butylbenzene	11.77	119	498520	19.639	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	487791	19.856	ug/l	100
85) sec-Butylbenzene	11.94	105	566448	19.616	ug/l	100
86) p-Isopropyltoluene	12.07	119	509931	19.610	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	279152	19.771	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	279413	19.497	ug/l	99
89) n-Butylbenzene	12.39	91	415720	18.737	ug/l	100
90) Hexachloroethane	12.60	117	88383	16.677	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	282193	20.138	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	40182	17.136	ug/l	95

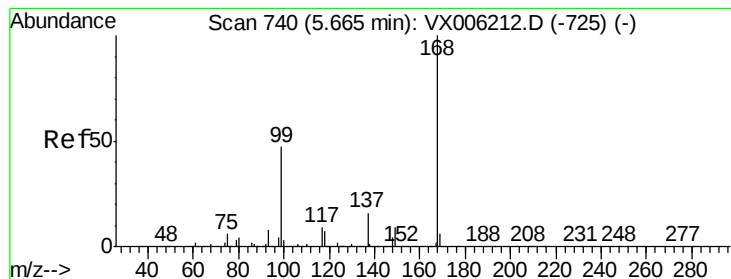
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121018\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	191957	18.776	ug/l	99
94) Hexachlorobutadiene	13.78	225	83947	18.567	ug/l	100
95) Naphthalene	13.83	128	625810	19.679	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	193571	19.116	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

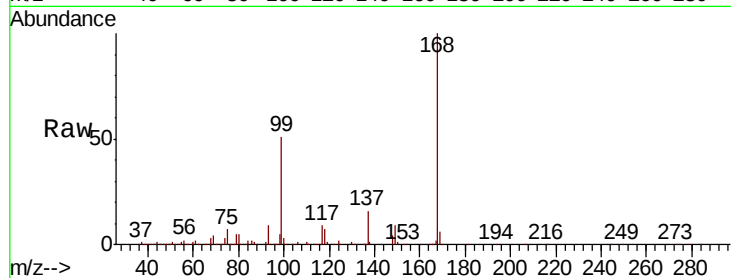
VX1210WBS02

Tot Ion:168 Resp: 576412

Ion Ratio Lower Upper

168 100

99 50.6 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): VX006388.D (-691) (-)

Ion 98.90 (98.60 to 99.60): VX006388.D (-691) (-)

5.66

200000

150000

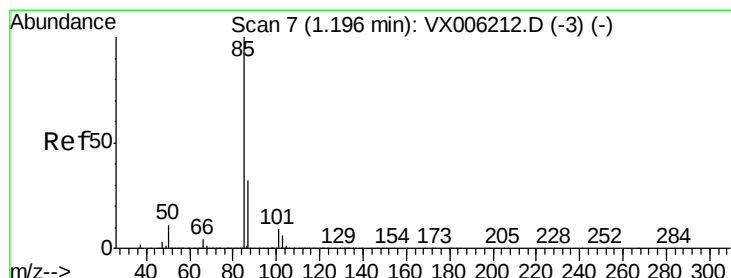
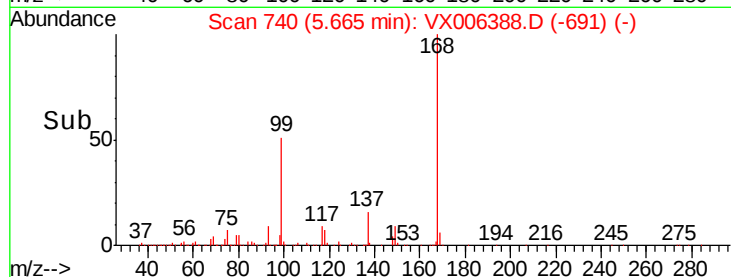
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.534 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006388.D

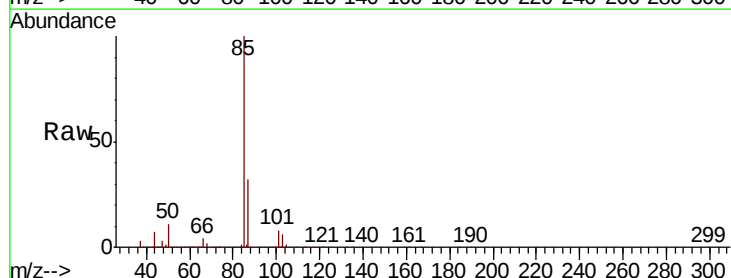
Acq: 11 Dec 2018 00:12

Tgt Ion: 85 Resp: 110247

Ion Ratio Lower Upper

85 100

87 32.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX006388.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VX006388.D (-1) (-)

1.20

100000

80000

60000

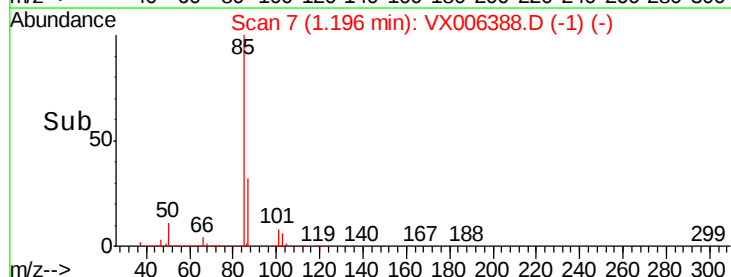
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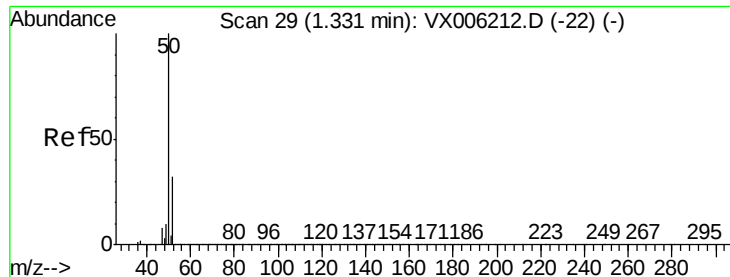
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 18.357 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

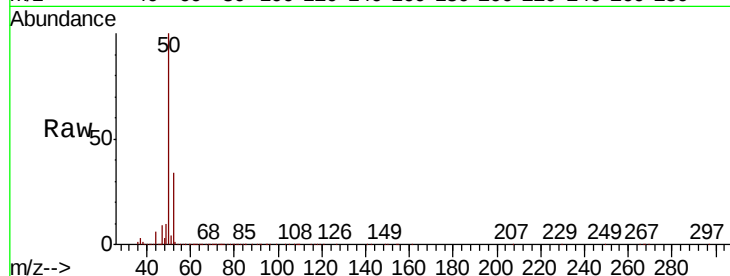
VX1210WBS02

Tot Ion: 50 Resp: 106469

Ion Ratio Lower Upper

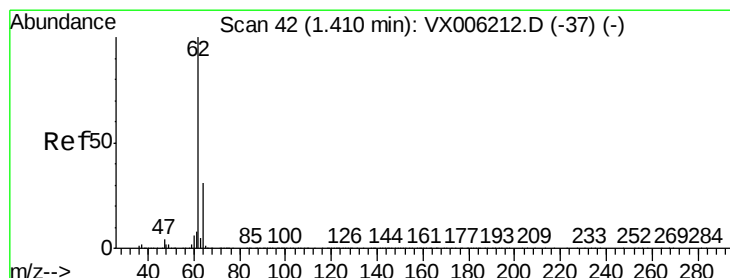
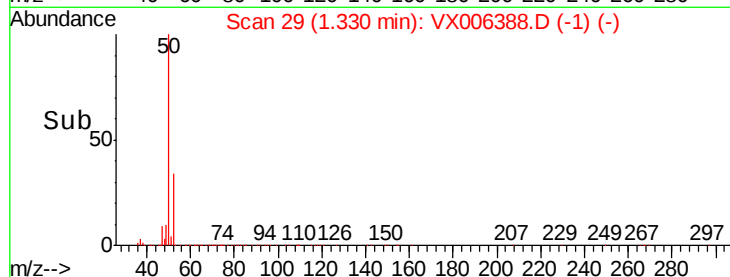
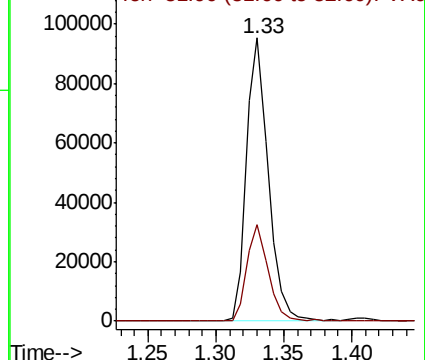
50 100

52 34.0 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.921 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006388.D

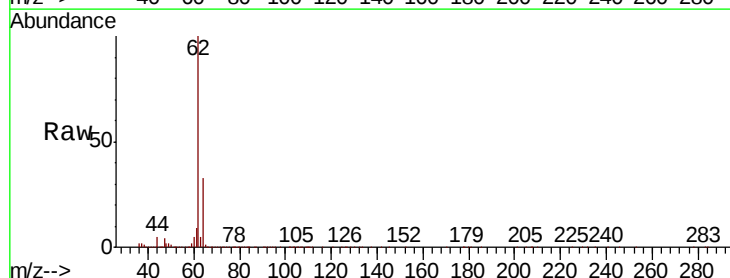
Acq: 11 Dec 2018 00:12

Tgt Ion: 62 Resp: 118106

Ion Ratio Lower Upper

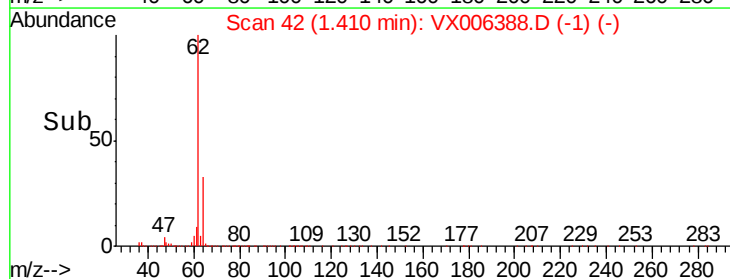
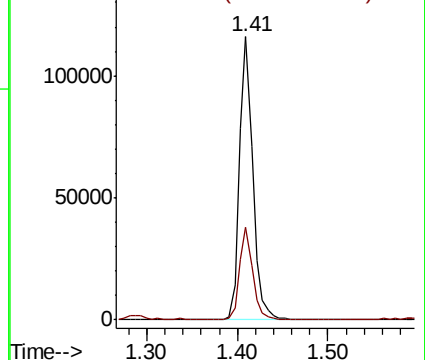
62 100

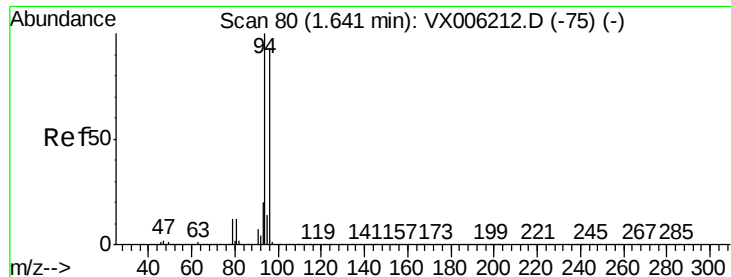
64 32.5 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 23.718 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

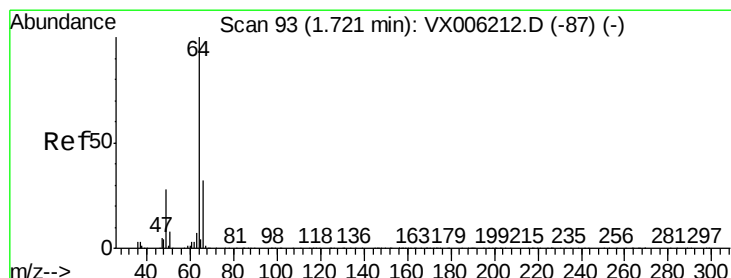
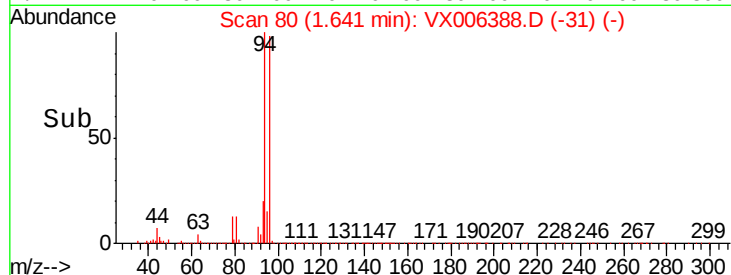
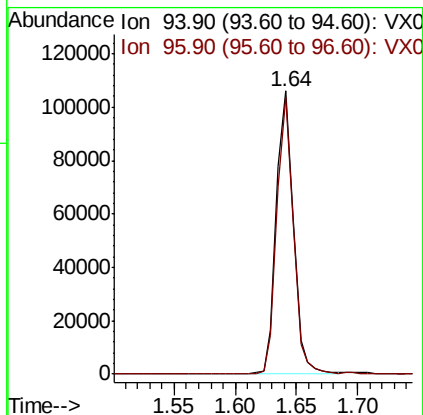
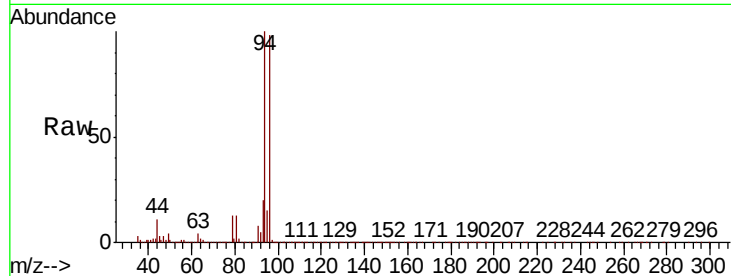
VX1210WBS02

Tot Ion: 94 Resp: 102604

Ion Ratio Lower Upper

94 100

96 97.7 74.5 111.7



#6

Chloroethane

Concen: 19.659 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX006388.D

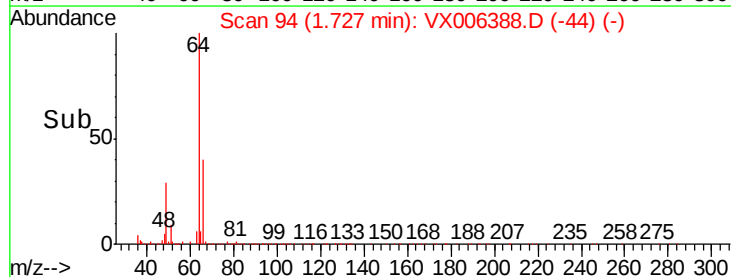
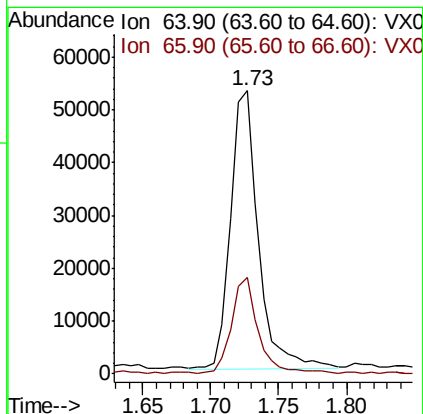
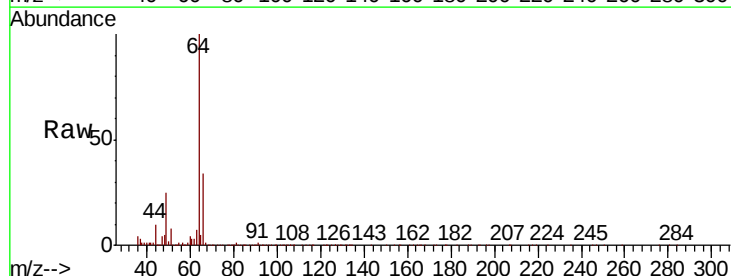
Acq: 11 Dec 2018 00:12

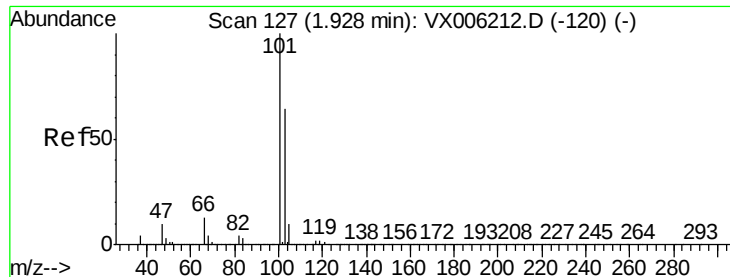
Tgt Ion: 64 Resp: 75242

Ion Ratio Lower Upper

64 100

66 34.4 25.9 38.9



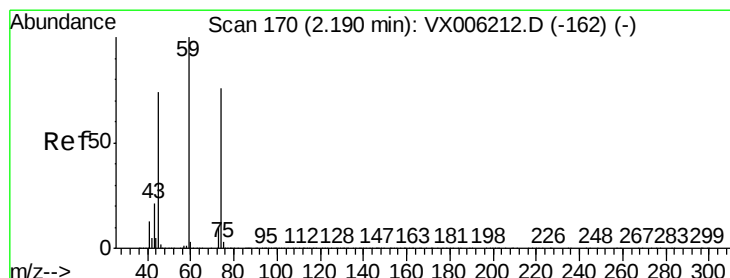
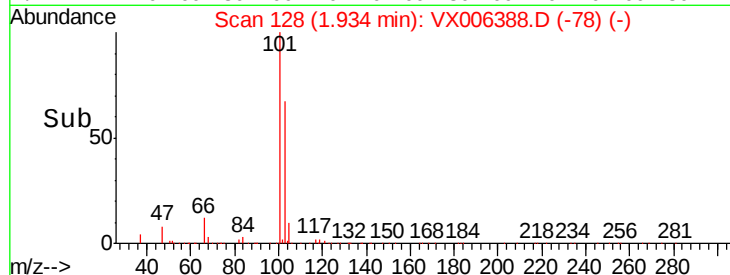
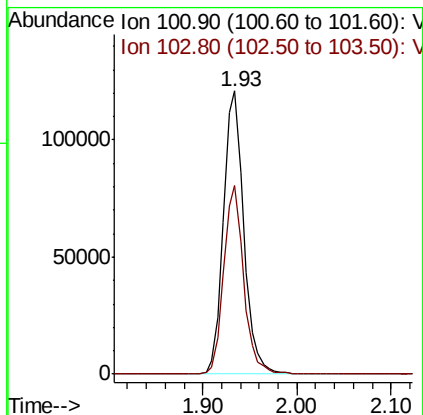
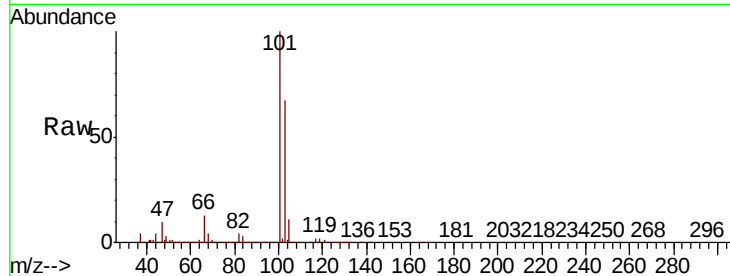


#7

Trichlorofluoromethane
Concen: 18.890 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX006388.D
Acq: 11 Dec 2018 00:12

Instrument :
MSVOA_X
ClientSampled :
VX1210WBS02

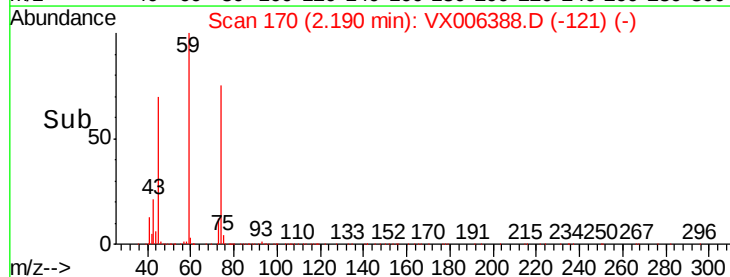
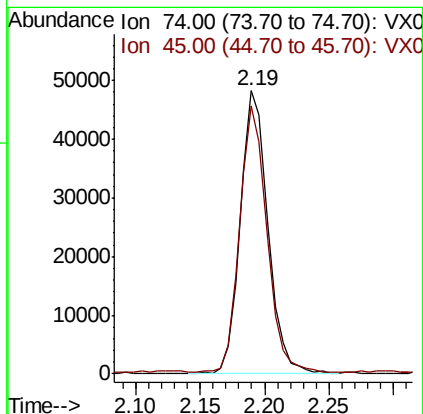
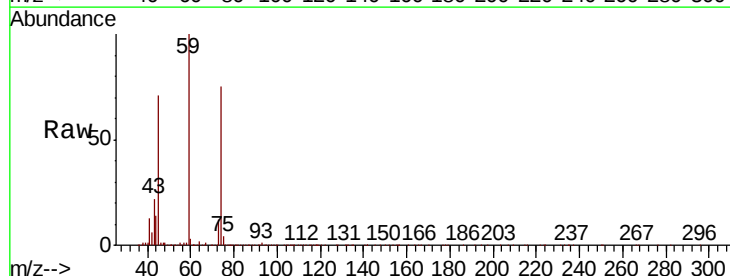
Tot Ion:101 Resp: 181005
Ion Ratio Lower Upper
101 100
103 66.7 51.0 76.4

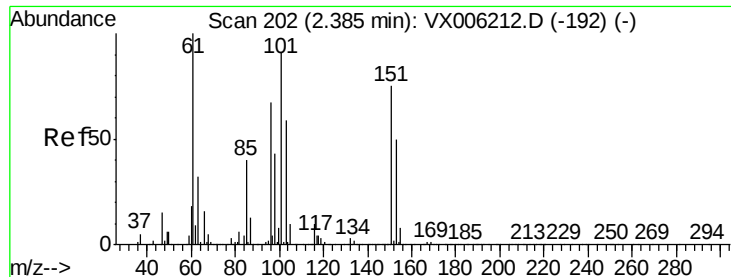


#8

Diethyl Ether
Concen: 19.638 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006388.D
Acq: 11 Dec 2018 00:12

Tgt Ion: 74 Resp: 71214
Ion Ratio Lower Upper
74 100
45 92.6 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.803 ug/l

RT: 2.38 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

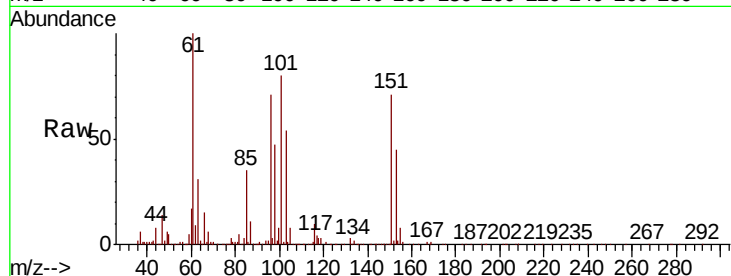
Tot Ion:101 Resp: 102446

Ion Ratio Lower Upper

101 100

85 44.5 35.5 53.3

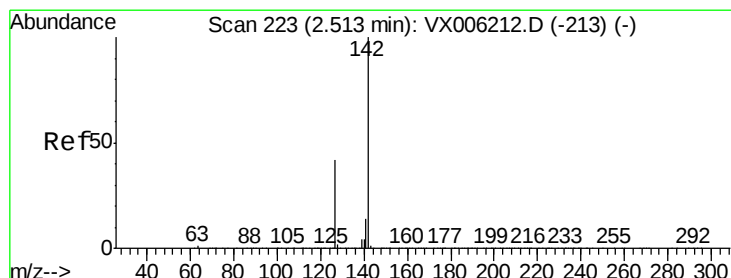
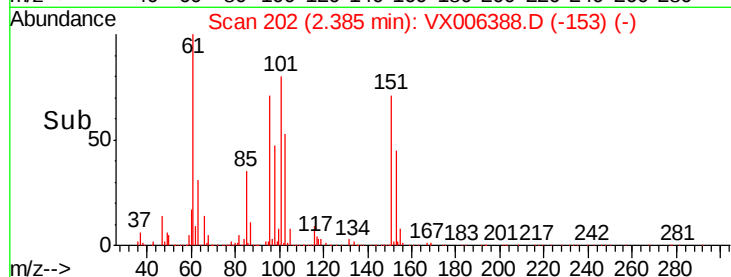
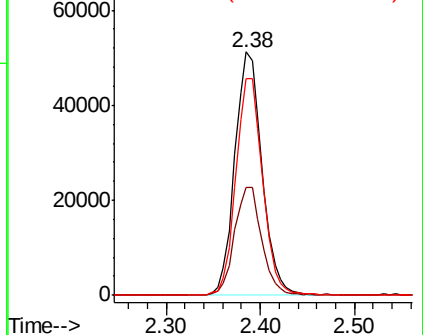
151 88.3 68.6 103.0



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: 18.412 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

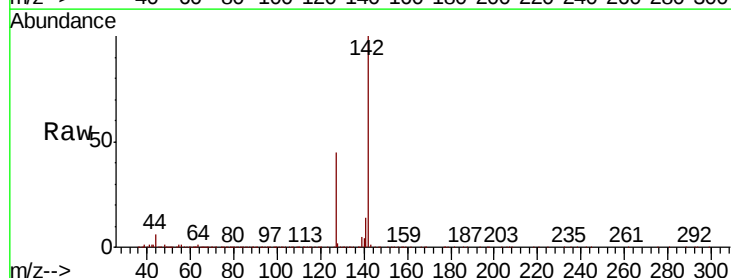
Tgt Ion:142 Resp: 151178

Ion Ratio Lower Upper

142 100

127 42.8 34.8 52.2

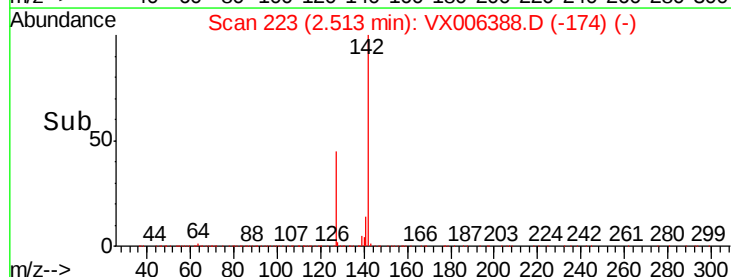
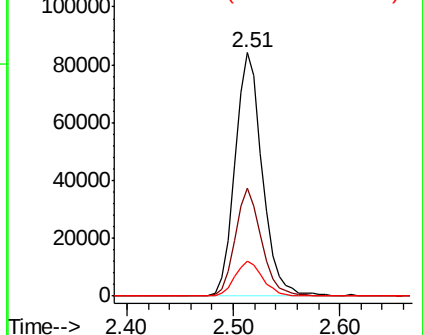
141 14.9 11.4 17.2

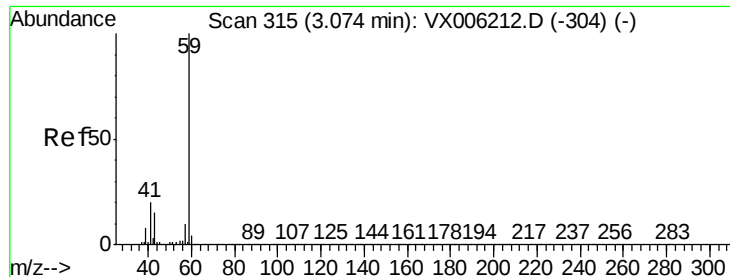


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



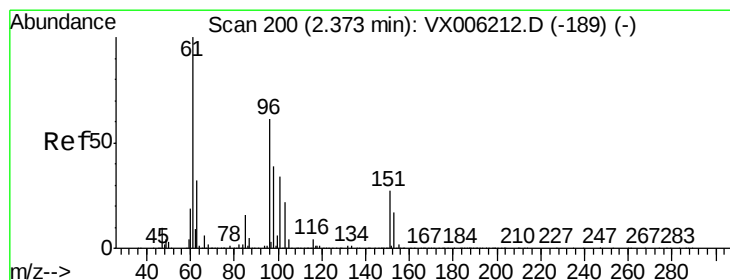
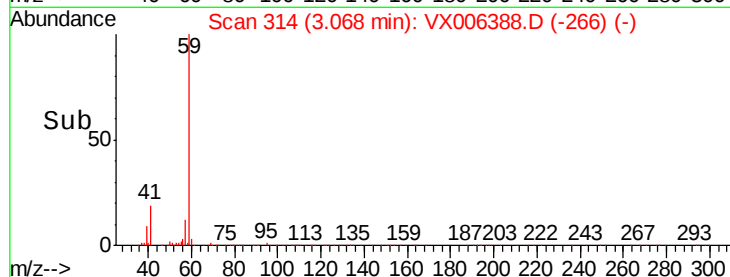
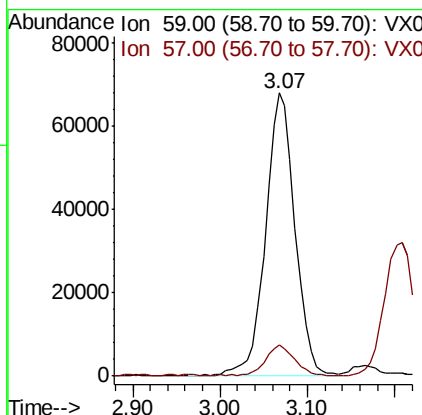
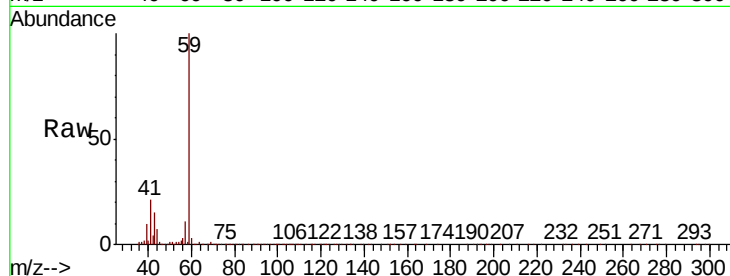


#11

Tert butyl alcohol
 Concen: 98.807 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX006388.D
 Acq: 11 Dec 2018 00:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS02

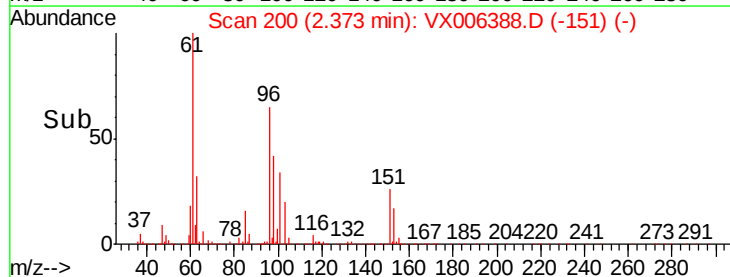
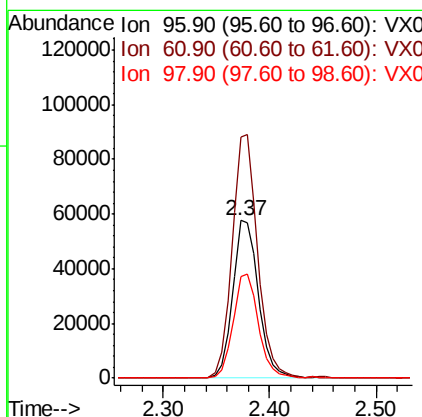
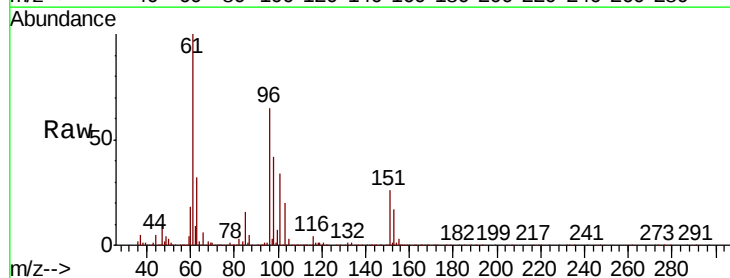
Tot Ion: 59 Resp: 159001
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.2 12.2

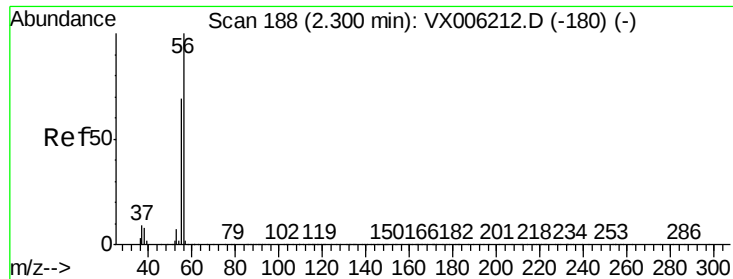


#12

1,1-Dichloroethene
 Concen: 18.659 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX006388.D
 Acq: 11 Dec 2018 00:12

Tgt Ion: 96 Resp: 97320
 Ion Ratio Lower Upper
 96 100
 61 153.5 131.7 197.5
 98 64.8 51.8 77.6





#13

Acrolein

Concen: 95.447 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

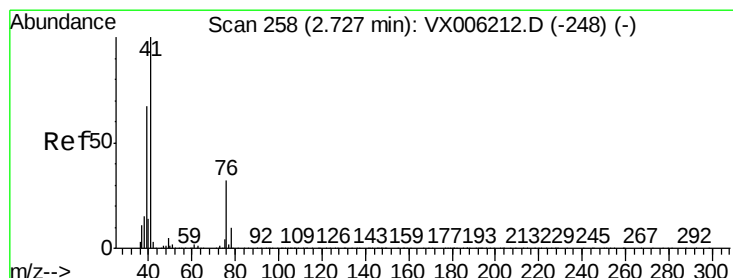
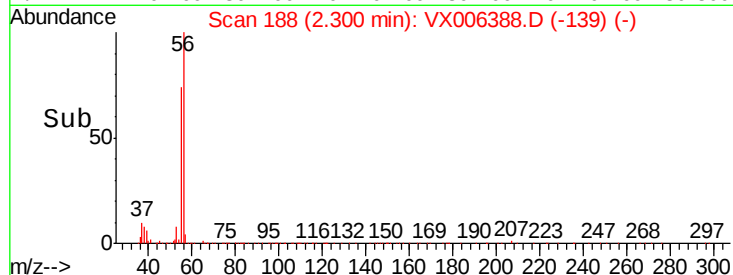
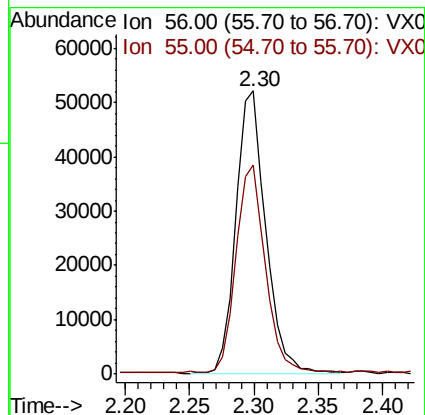
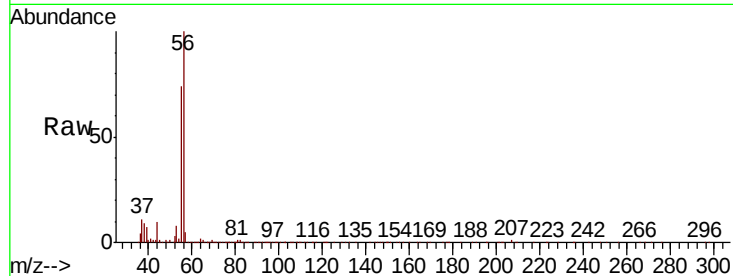
VX1210WBS02

Tot Ion: 56 Resp: 83949

Ion Ratio Lower Upper

56 100

55 72.5 57.8 86.6



#14

Allyl chloride

Concen: 16.809 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

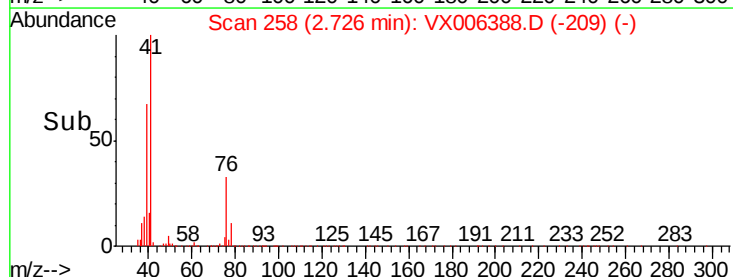
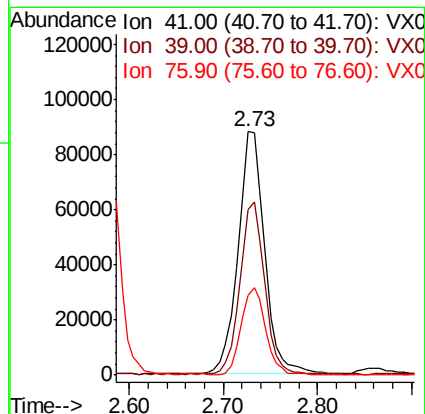
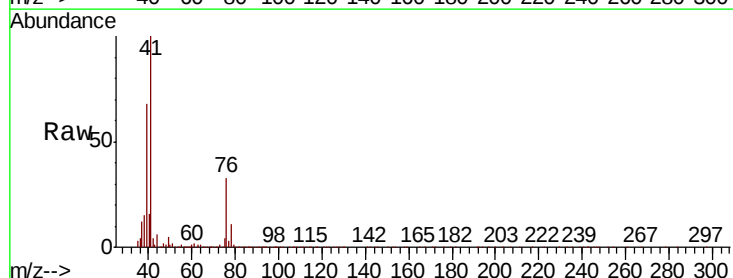
Tgt Ion: 41 Resp: 173186

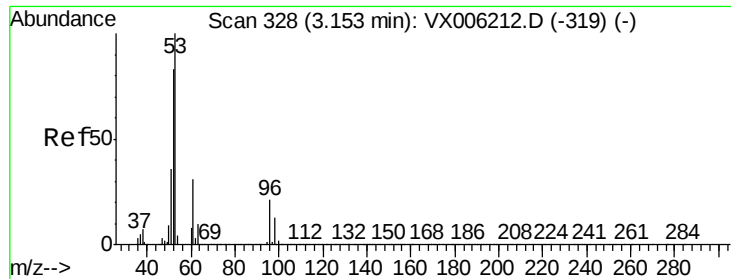
Ion Ratio Lower Upper

41 100

39 65.8 52.4 78.6

76 33.1 25.4 38.0





#15

Acrylonitrile

Concen: 96.812 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

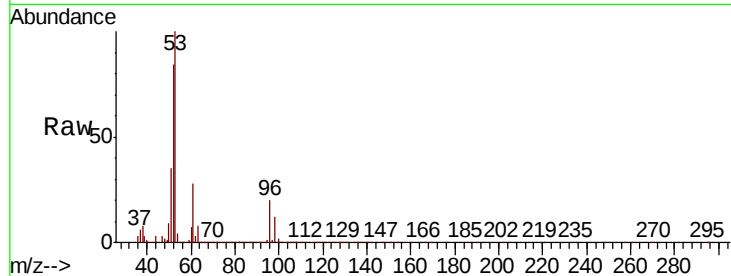
Tot Ion: 53 Resp: 325096

Ion Ratio Lower Upper

53 100

52 82.6 66.2 99.4

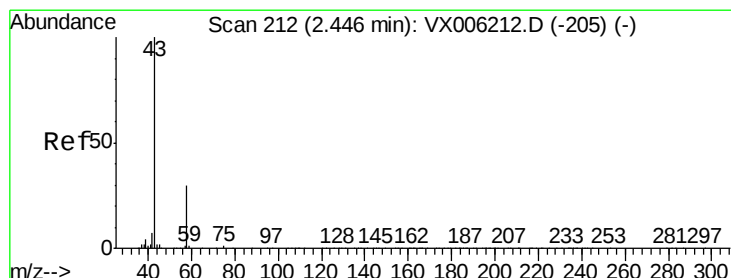
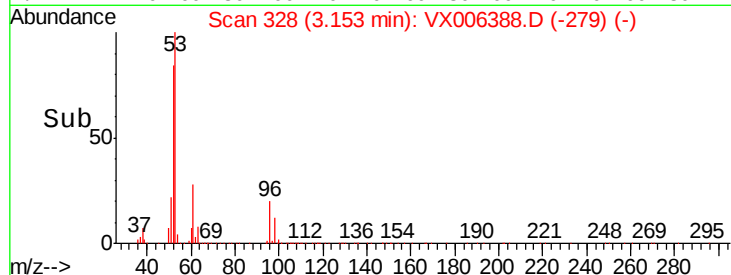
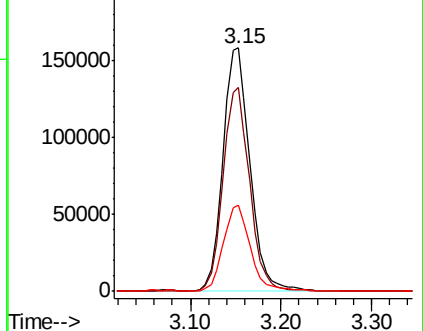
51 35.3 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 96.071 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006388.D

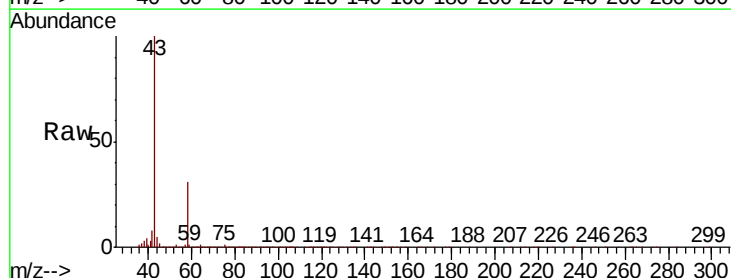
Acq: 11 Dec 2018 00:12

Tgt Ion: 43 Resp: 265295

Ion Ratio Lower Upper

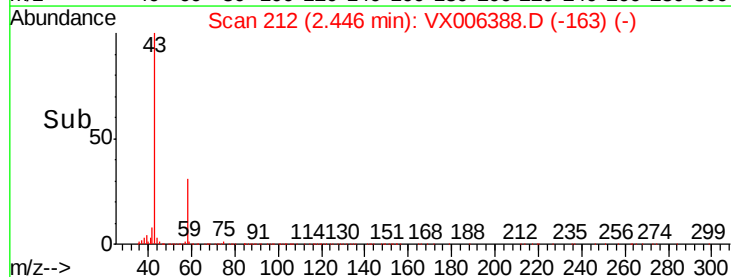
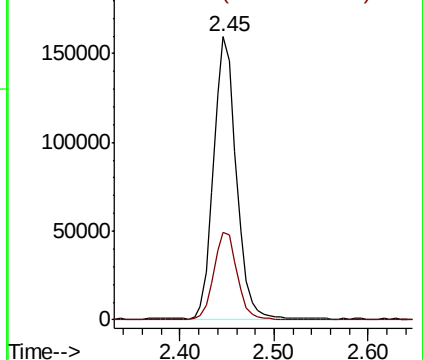
43 100

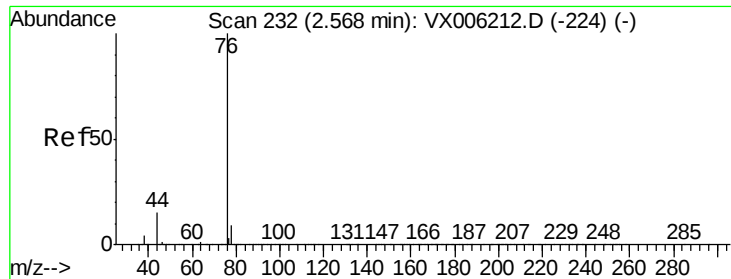
58 30.8 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 15.722 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

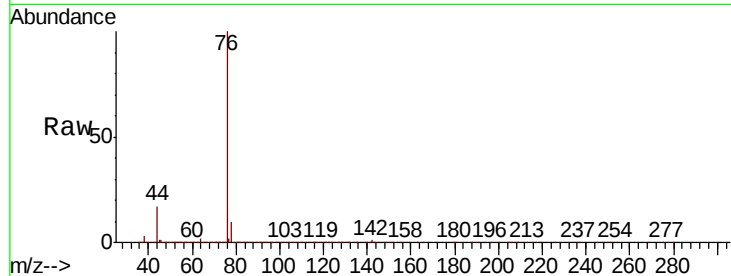
VX1210WBS02

Tot Ion: 76 Resp: 252679

Ion Ratio Lower Upper

76 100

78 9.8 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

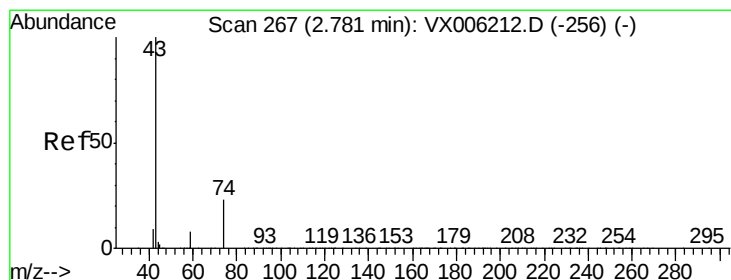
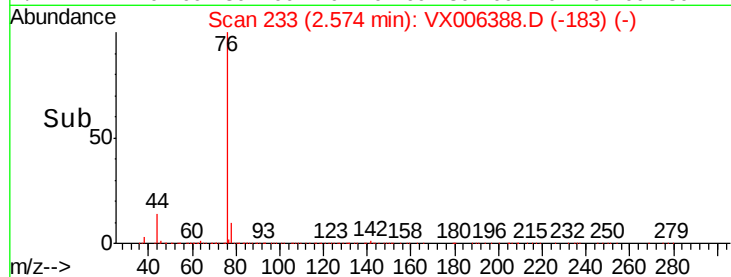
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 20.214 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX006388.D

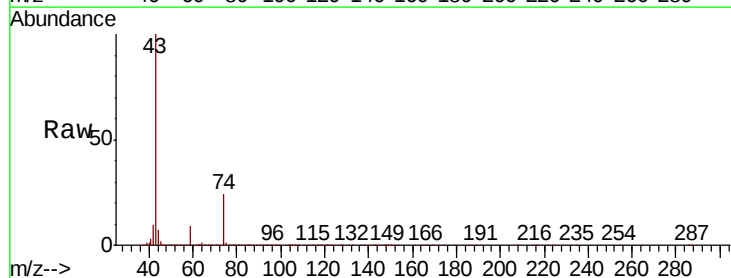
Acq: 11 Dec 2018 00:12

Tgt Ion: 43 Resp: 186671

Ion Ratio Lower Upper

43 100

74 24.3 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

120000

100000

80000

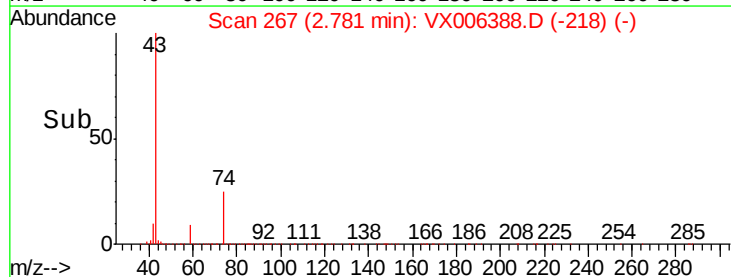
60000

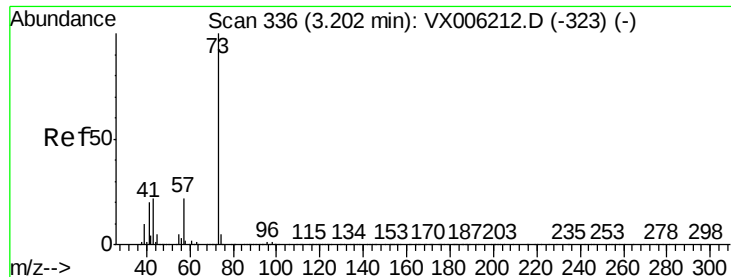
40000

20000

0

Time-->



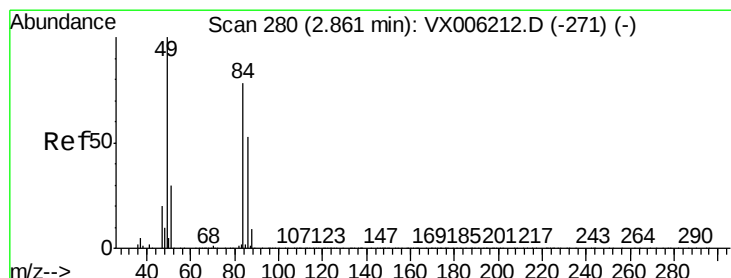
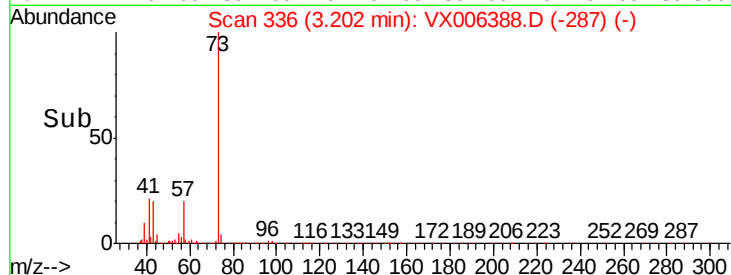
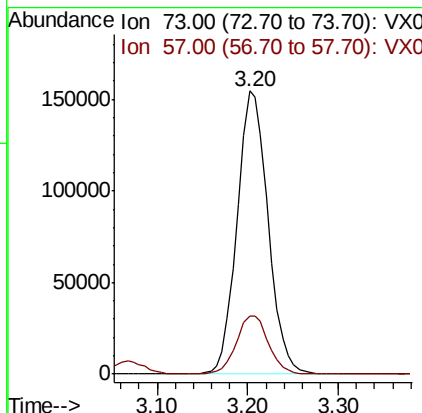
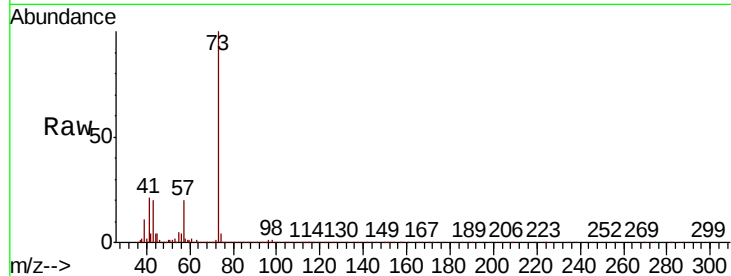


#19

Methyl tert-butyl Ether
 Concen: 19.661 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX006388.D
 Acq: 11 Dec 2018 00:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS02

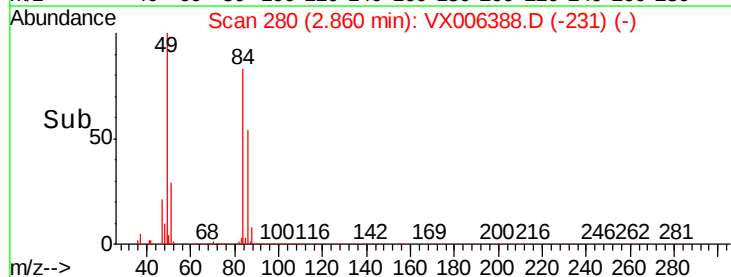
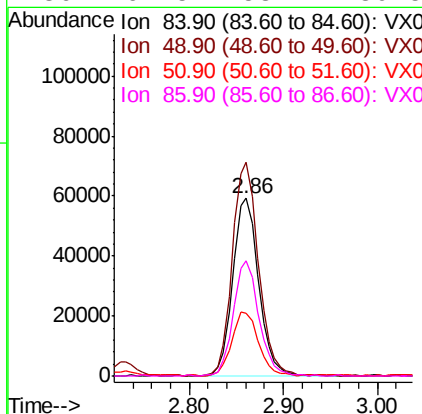
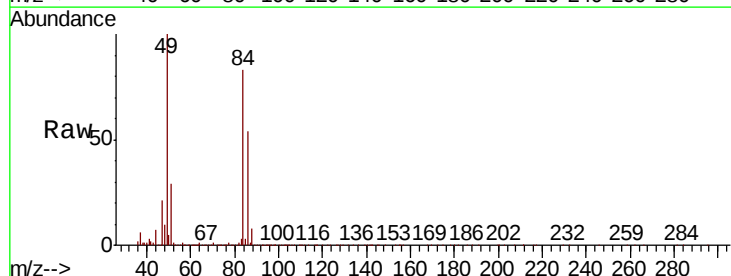
Tot Ion: 73 Resp: 365833
 Ion Ratio Lower Upper
 73 100
 57 20.3 17.5 26.3

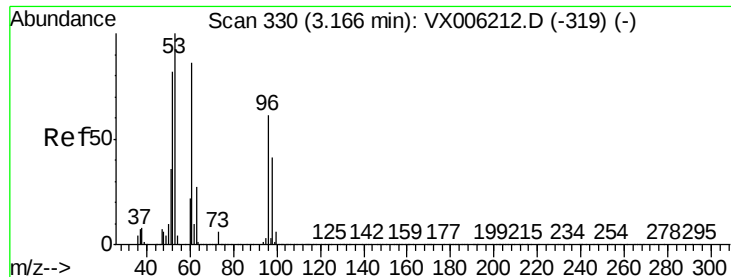


#20

Methylene Chloride
 Concen: 19.387 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX006388.D
 Acq: 11 Dec 2018 00:12

Tgt Ion: 84 Resp: 113936
 Ion Ratio Lower Upper
 84 100
 49 120.1 102.2 153.4
 51 34.6 31.1 46.7
 86 64.5 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 19.226 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

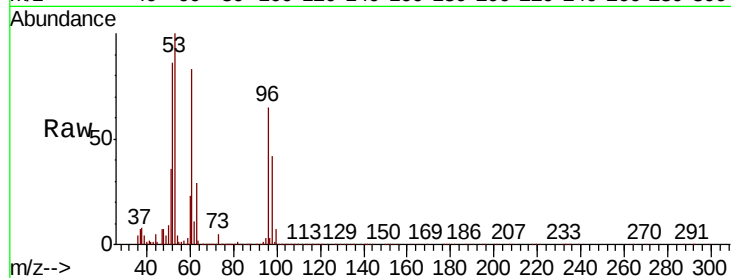
Tot Ion: 96 Resp: 106865

Ion Ratio Lower Upper

96 100

61 127.4 113.3 169.9

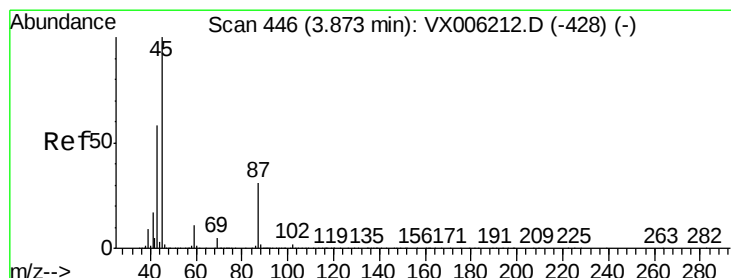
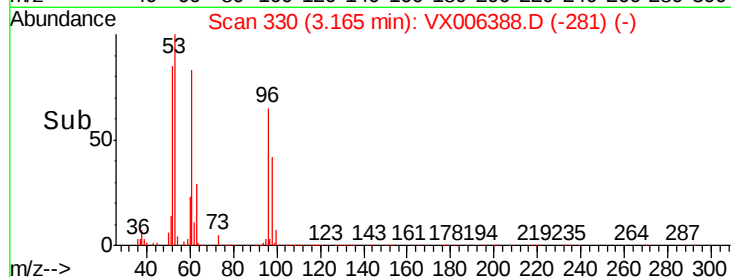
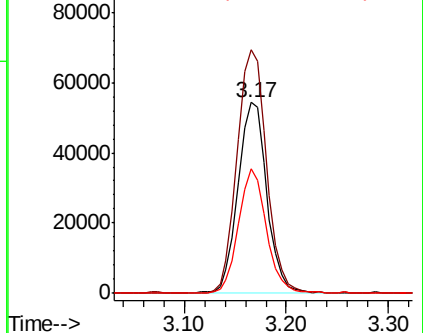
98 65.2 53.2 79.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.825 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Tgt Ion: 45 Resp: 319053

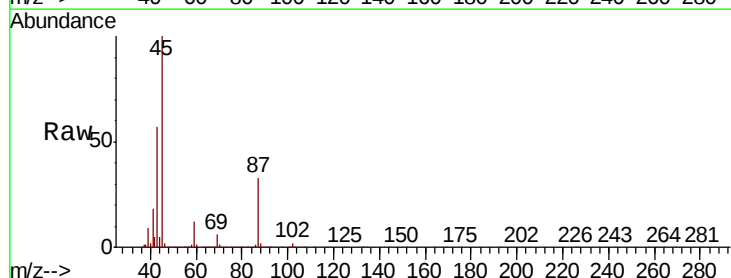
Ion Ratio Lower Upper

45 100

43 56.6 46.2 69.2

87 32.6 24.9 37.3

59 11.5 9.1 13.7

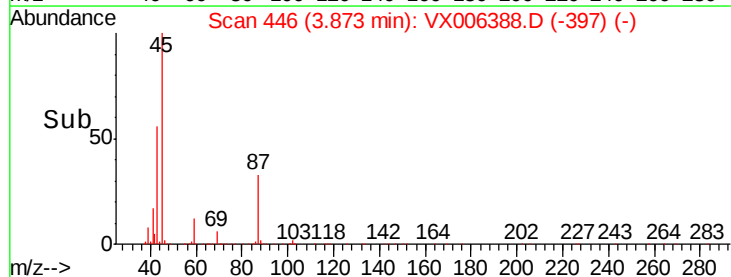
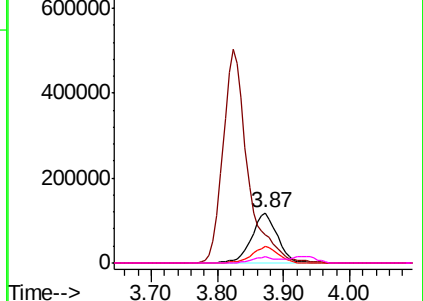


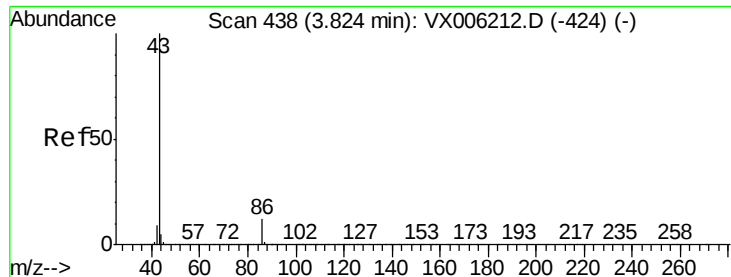
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 95.138 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

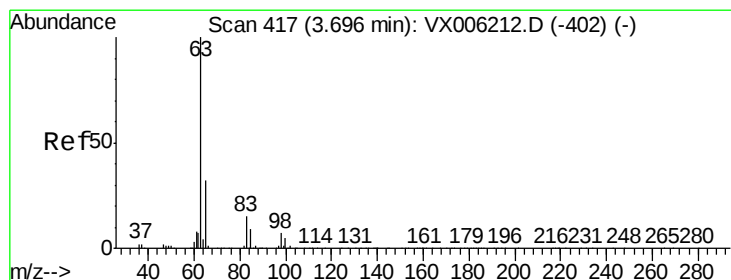
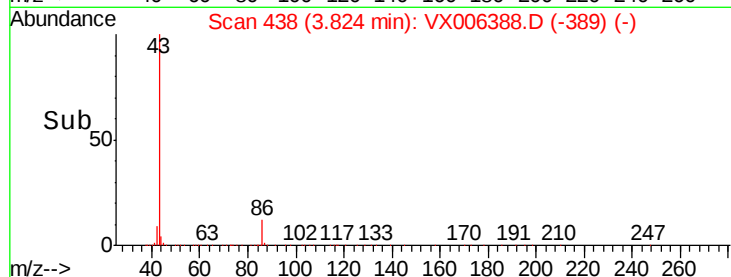
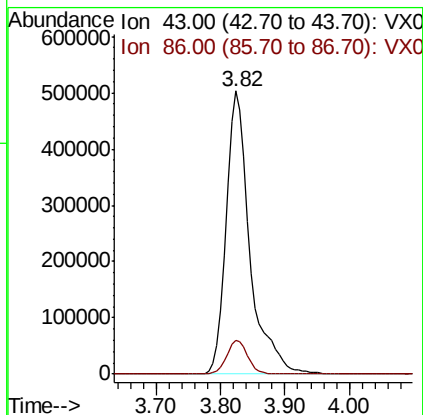
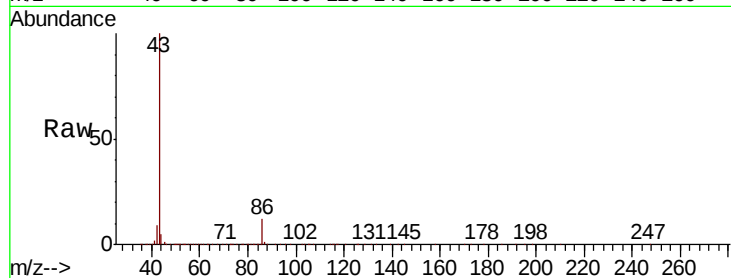
VX1210WBS02

Tot Ion: 43 Resp: 1305872

Ion Ratio Lower Upper

43 100

86 11.9 9.4 14.0



#24

1,1-Dichloroethane

Concen: 20.075 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

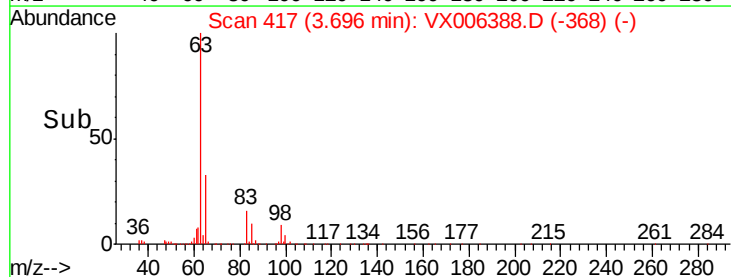
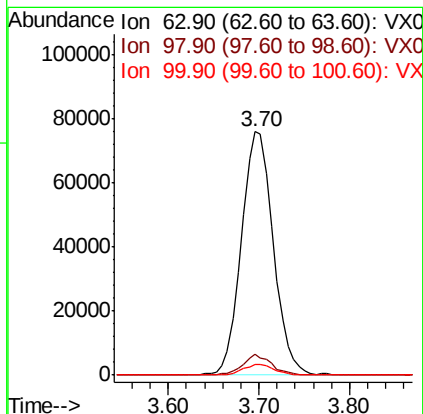
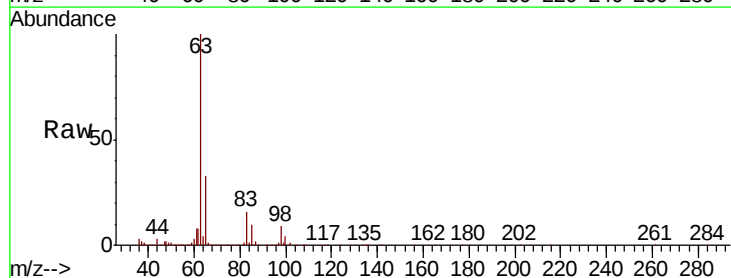
Tgt Ion: 63 Resp: 184655

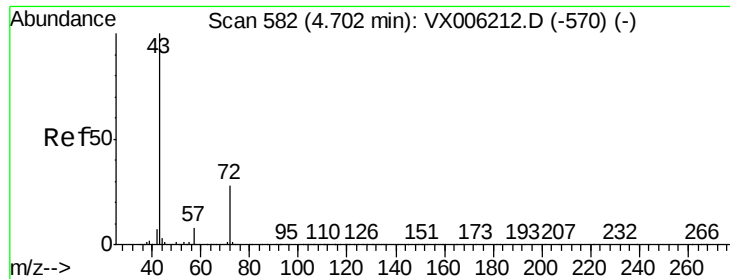
Ion Ratio Lower Upper

63 100

98 8.5 3.8 11.4

100 4.0 2.5 7.4





#25

2-Butanone

Concen: 100.185 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

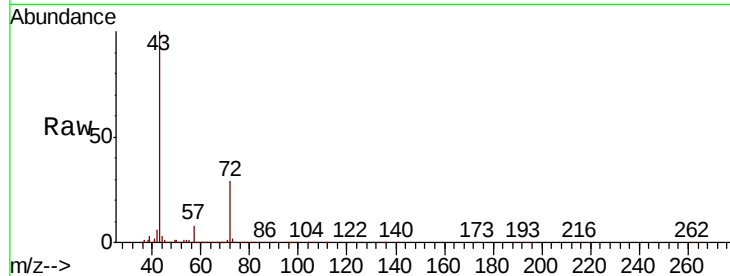
VX1210WBS02

Tot Ion: 43 Resp: 394745

Ion Ratio Lower Upper

43 100

72 29.3 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

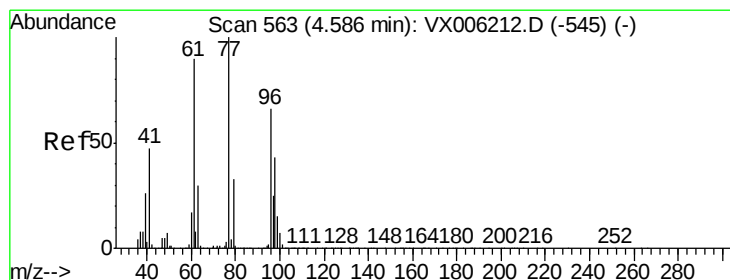
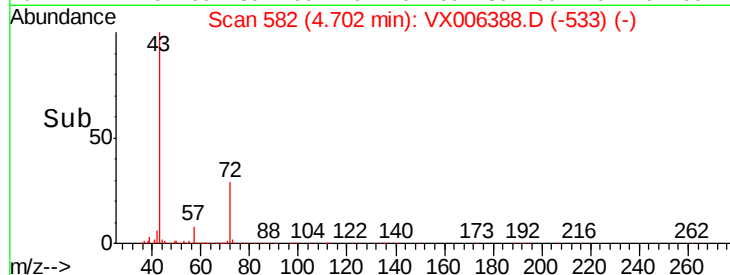
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 15.821 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006388.D

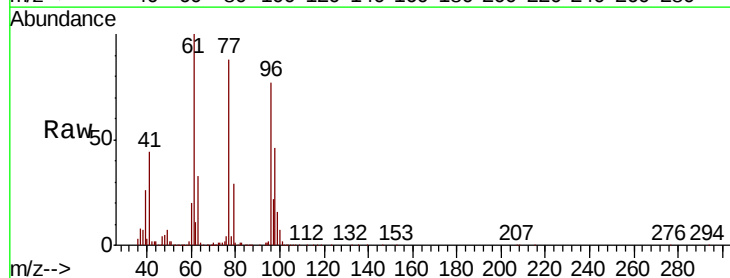
Acq: 11 Dec 2018 00:12

Tgt Ion: 77 Resp: 134306

Ion Ratio Lower Upper

77 100

97 25.5 12.3 36.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

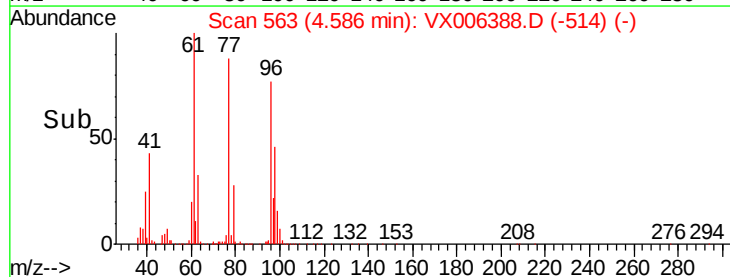
20000

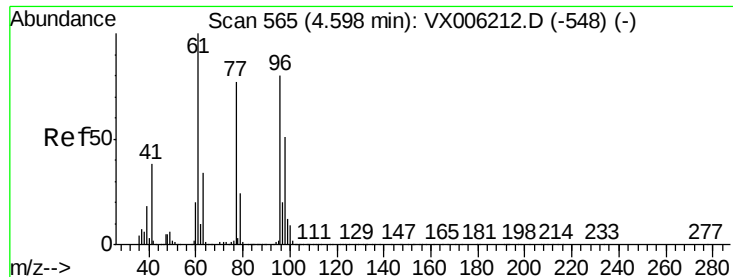
10000

0

4.50 4.60 4.70

Time-->



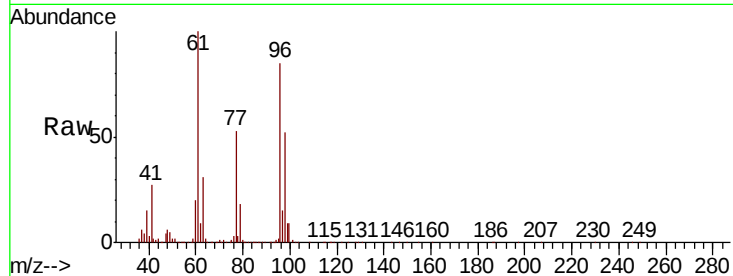


#27

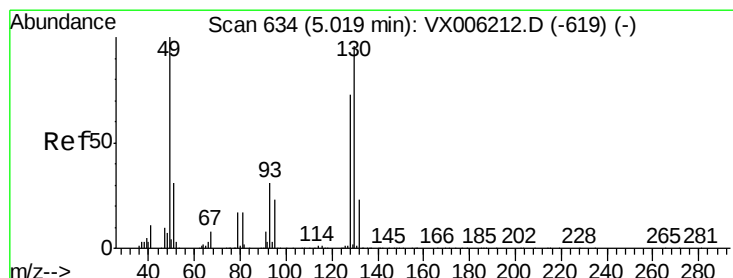
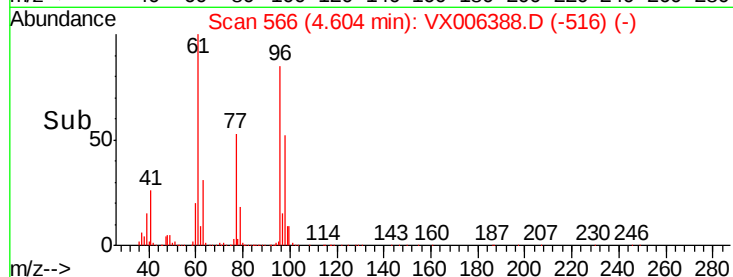
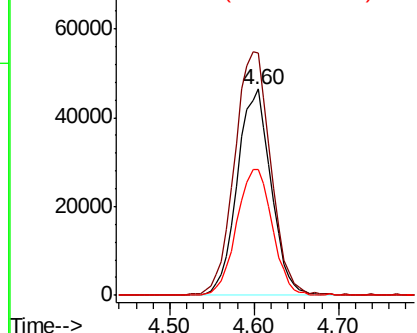
cis-1,2-Dichloroethene
Concen: 20.430 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX006388.D
Acq: 11 Dec 2018 00:12

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.2	0.0	265.0
98	64.1	0.0	130.2



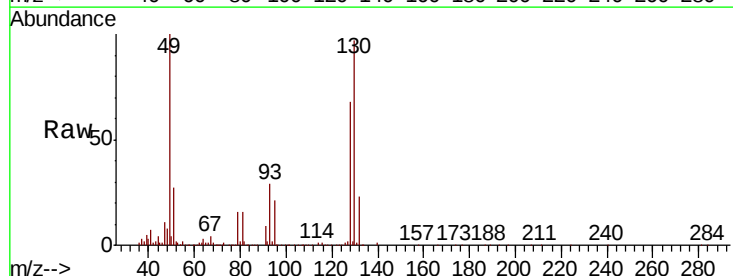
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



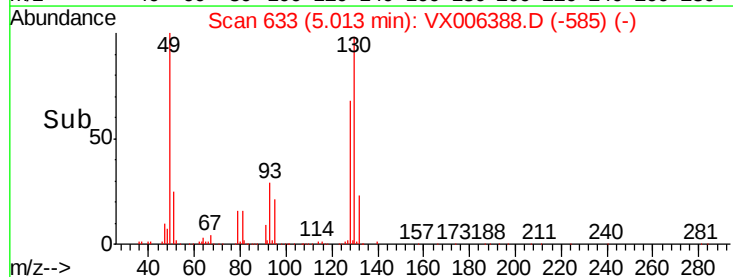
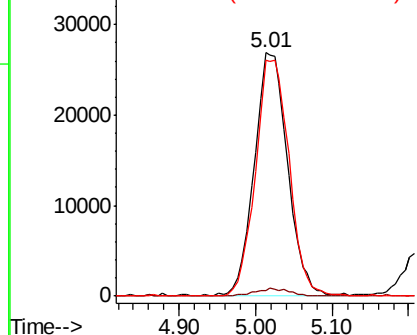
#28

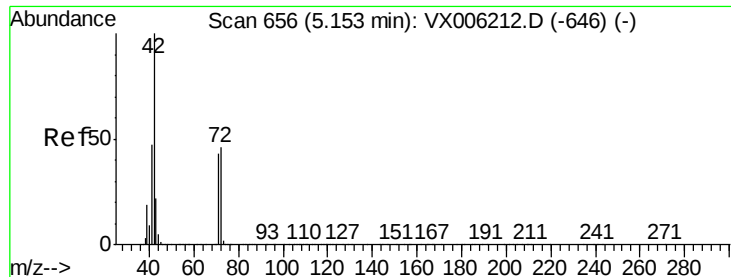
Bromochloromethane
Concen: 20.410 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX006388.D
Acq: 11 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.0
130	97.8	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: 98.090 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

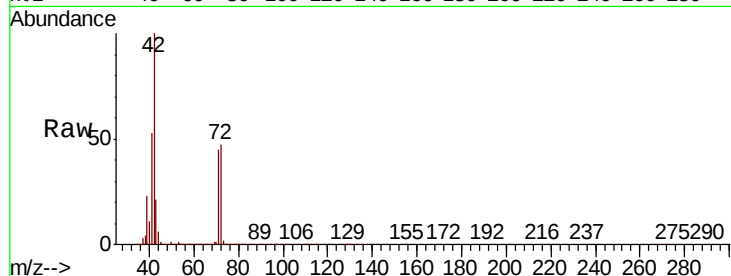
Tot Ion: 42 Resp: 268611

Ion Ratio Lower Upper

42 100

72 49.0 37.8 56.8

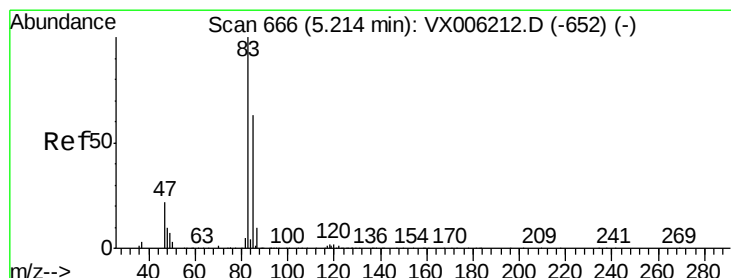
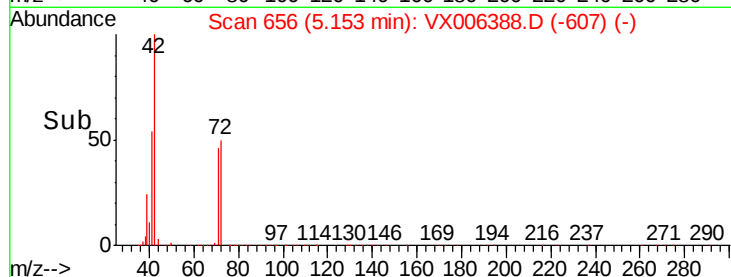
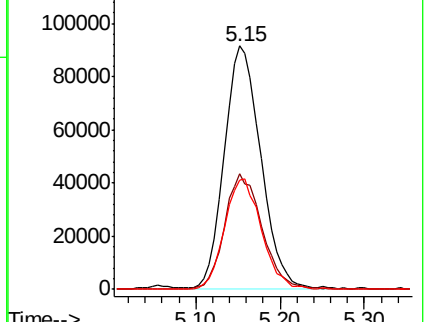
71 46.2 35.2 52.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 20.411 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX006388.D

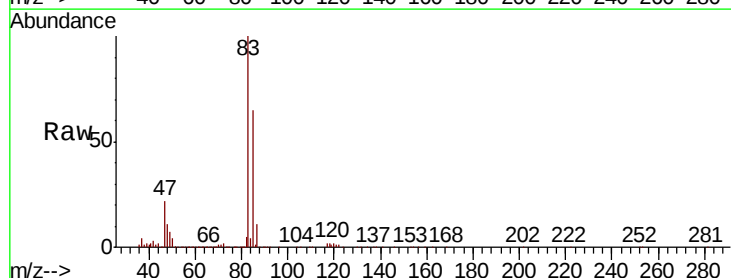
Acq: 11 Dec 2018 00:12

Tgt Ion: 83 Resp: 197305

Ion Ratio Lower Upper

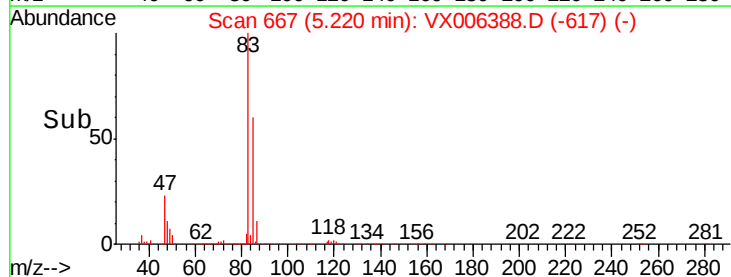
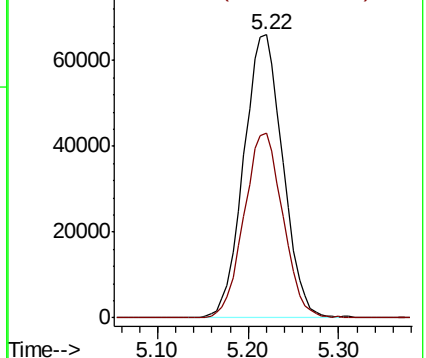
83 100

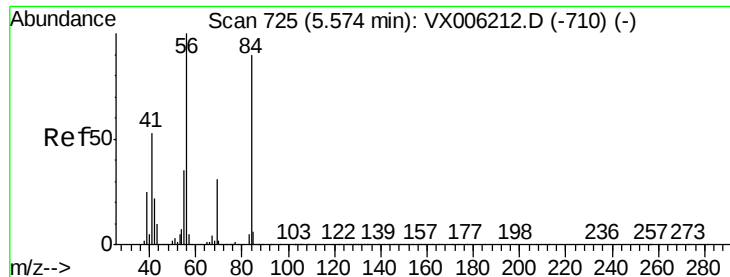
85 65.0 50.3 75.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

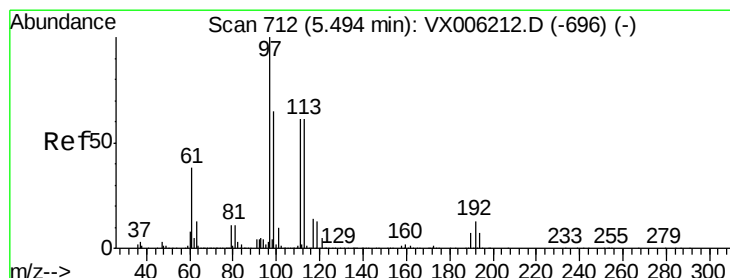
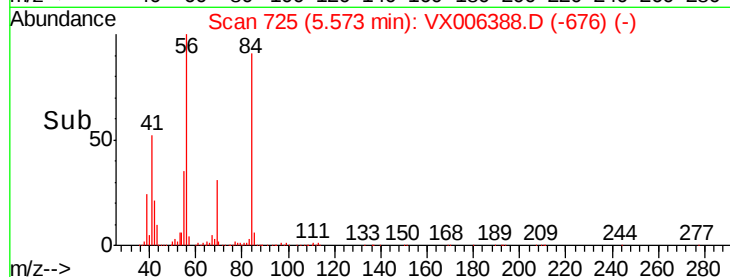
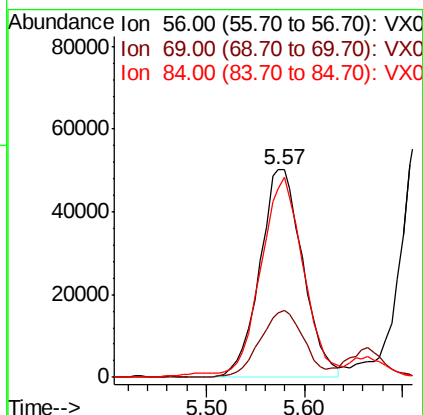
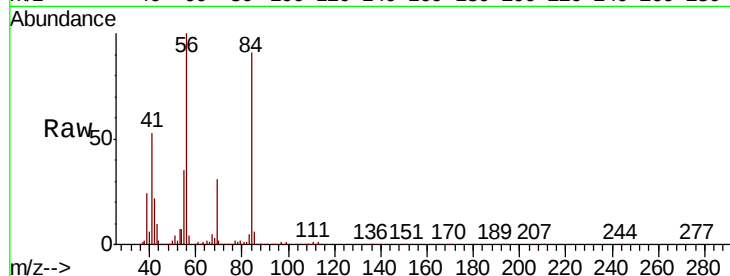




#31
Cyclohexane
Concen: 18.074 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006388.D
Acq: 11 Dec 2018 00:12

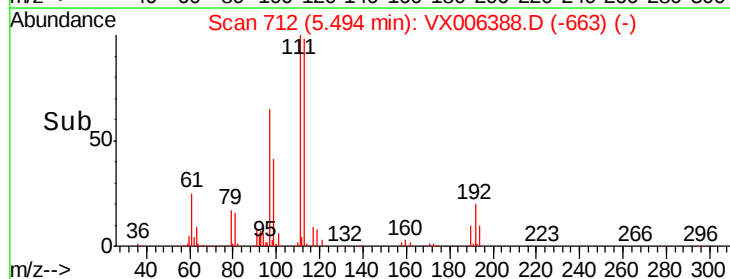
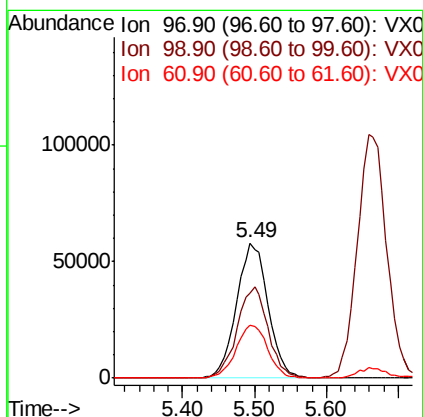
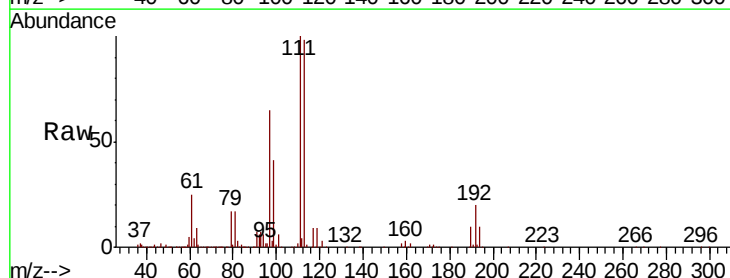
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

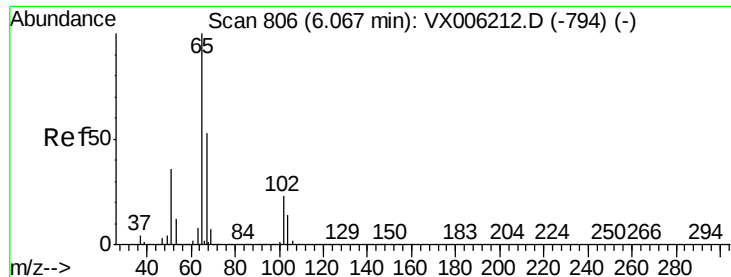
Tot Ion: 56 Resp: 153640
Ion Ratio Lower Upper
56 100
69 31.1 24.5 36.7
84 89.6 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 19.177 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006388.D
Acq: 11 Dec 2018 00:12

Tgt Ion: 97 Resp: 176376
Ion Ratio Lower Upper
97 100
99 66.4 51.6 77.4
61 39.3 30.6 46.0





#33

1,2-Dichloroethane-d4

Concen: 51.825 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

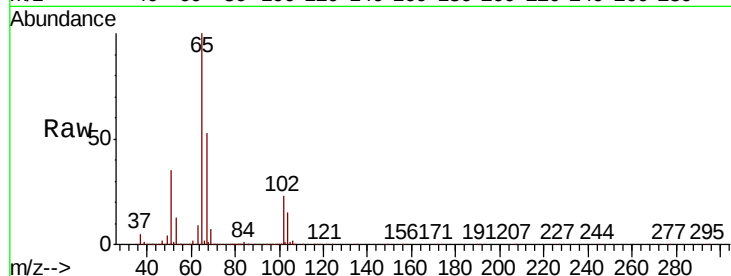
VX1210WBS02

Tot Ion: 65 Resp: 304952

Ion Ratio Lower Upper

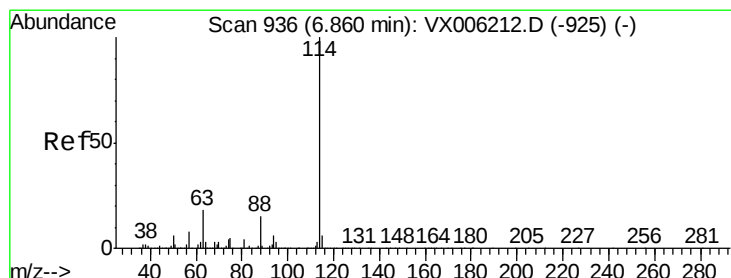
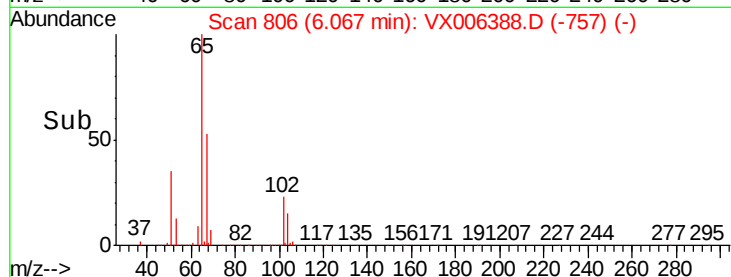
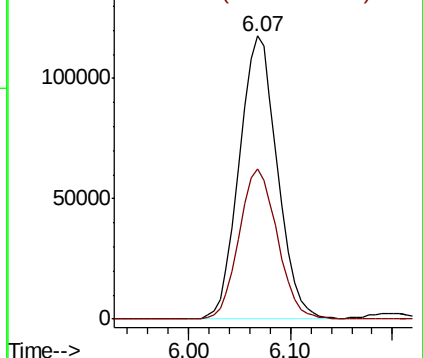
65 100

67 53.5 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

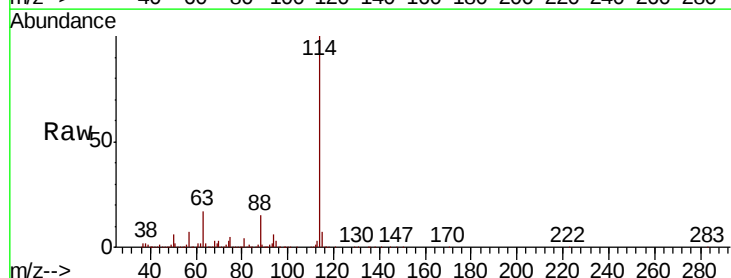
Tgt Ion: 114 Resp: 899857

Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.6

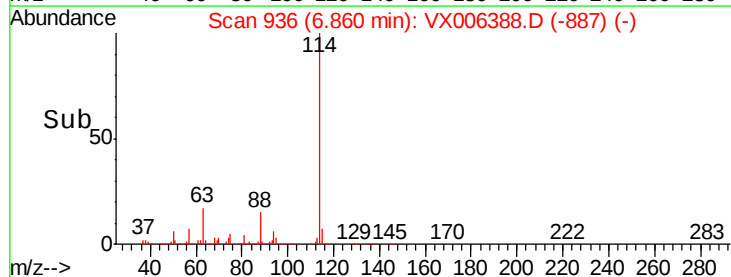
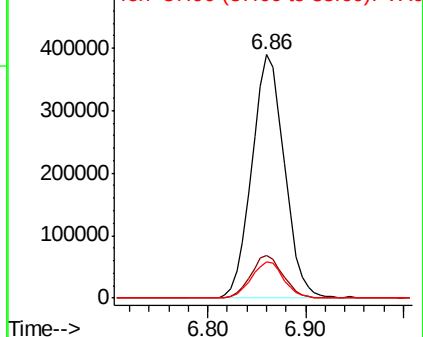
88 15.1 0.0 29.0

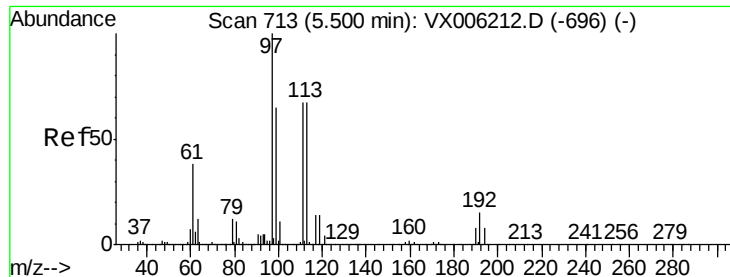


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.317 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampled :

VX1210WBS02

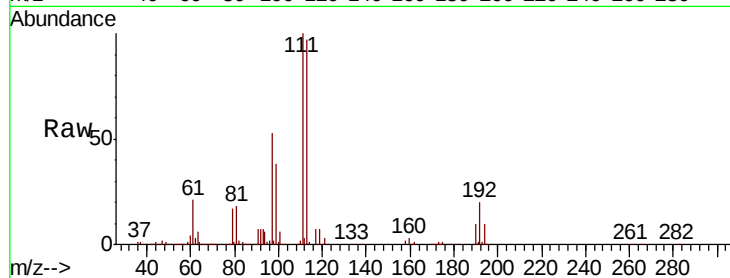
Tot Ion:113 Resp: 287332

Ion Ratio Lower Upper

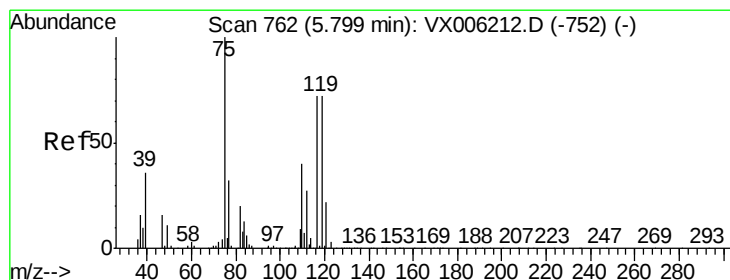
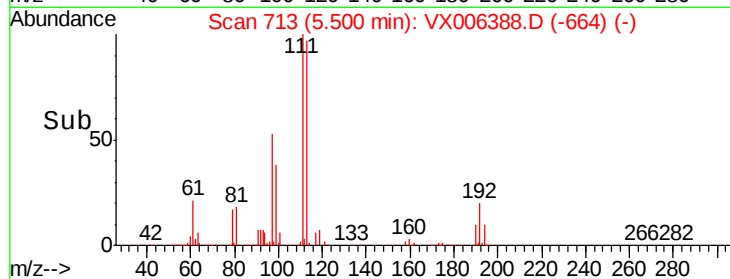
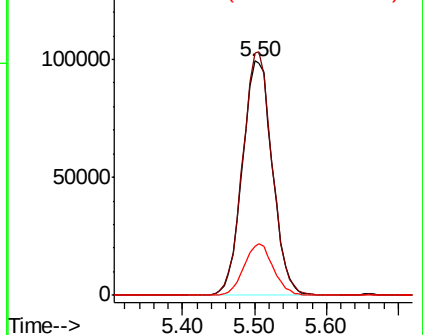
113 100

111 101.8 81.1 121.7

192 21.5 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: 18.253 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

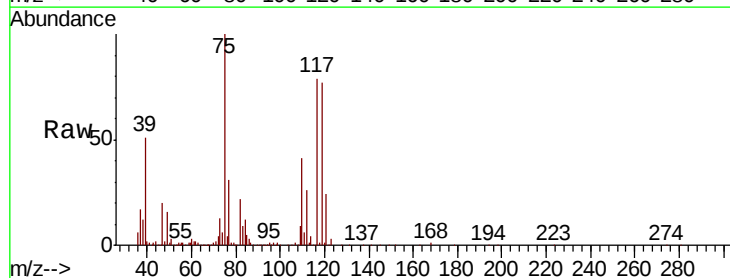
Tgt Ion: 75 Resp: 138318

Ion Ratio Lower Upper

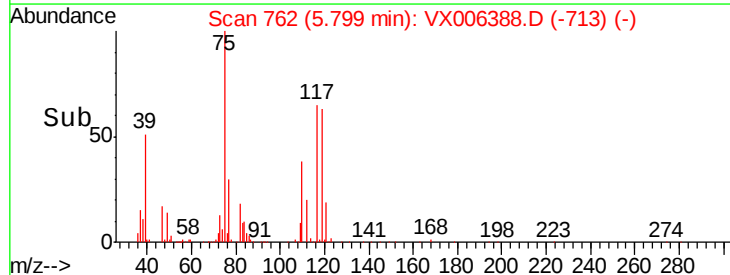
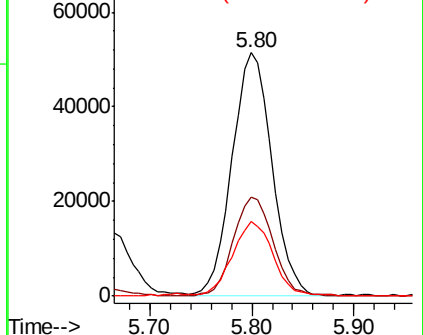
75 100

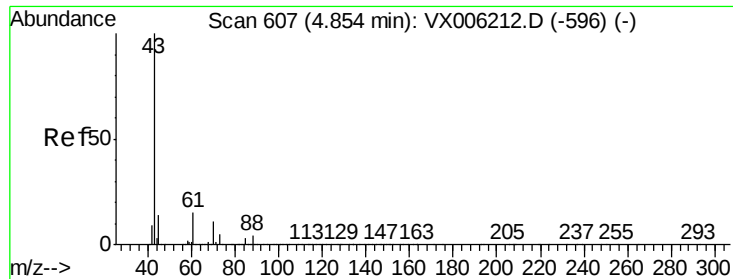
110 41.0 20.4 61.3

77 31.7 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

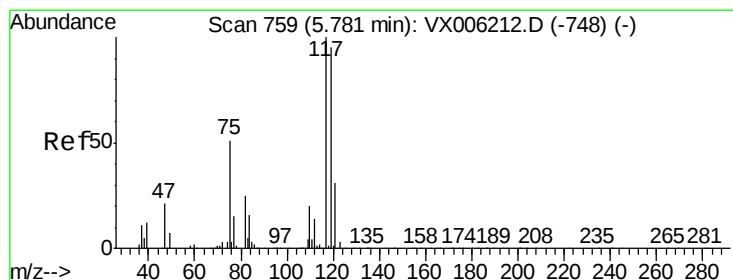
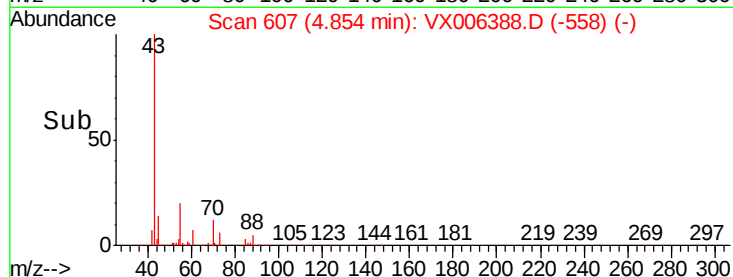
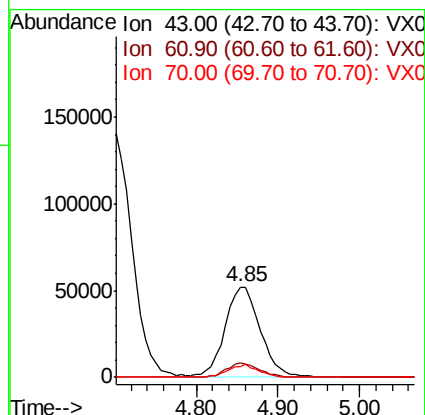
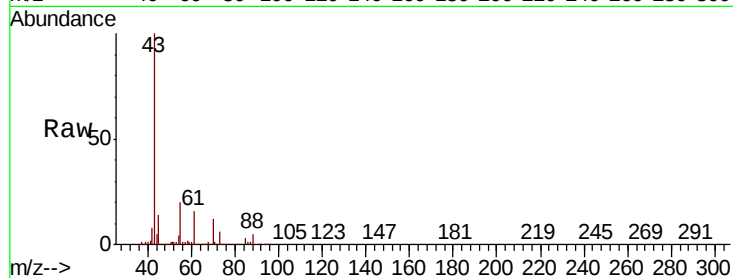




#37
Ethyl Acetate
Concen: 18.075 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006388.D
Acq: 11 Dec 2018 00:12

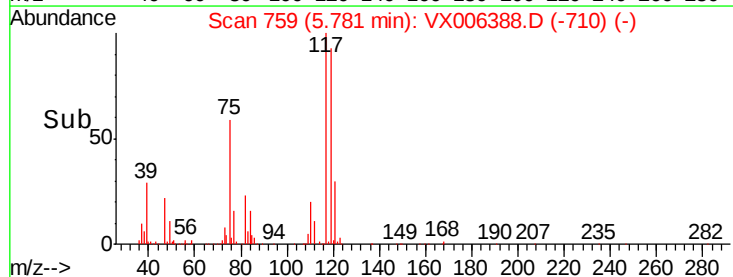
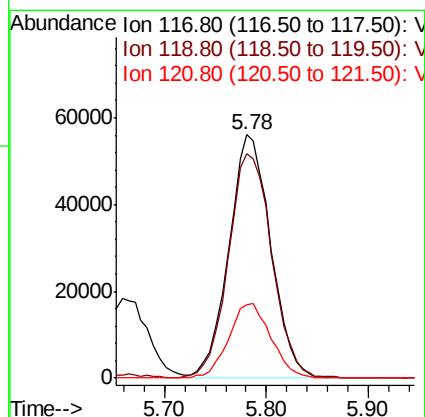
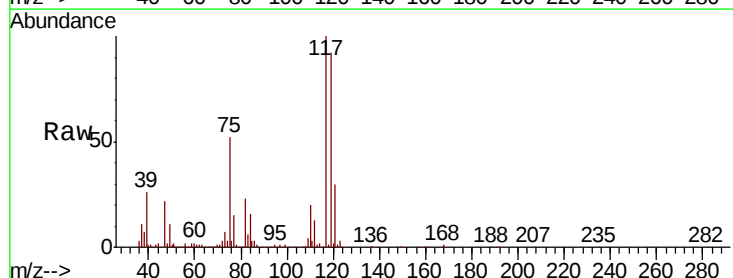
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

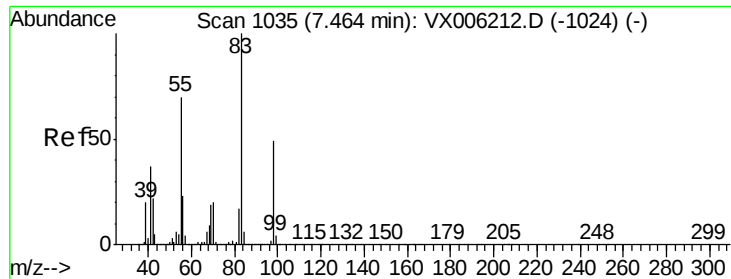
Tot Ion: 43 Resp: 153385
Ion Ratio Lower Upper
43 100
61 15.4 11.5 17.3
70 12.9 9.0 13.6



#38
Carbon Tetrachloride
Concen: 17.940 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006388.D
Acq: 11 Dec 2018 00:12

Tgt Ion: 117 Resp: 159926
Ion Ratio Lower Upper
117 100
119 92.0 75.8 113.8
121 30.0 24.6 37.0

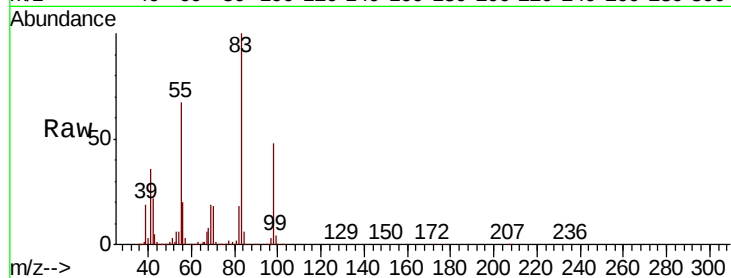




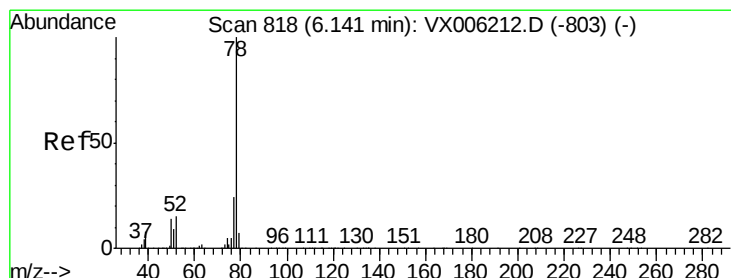
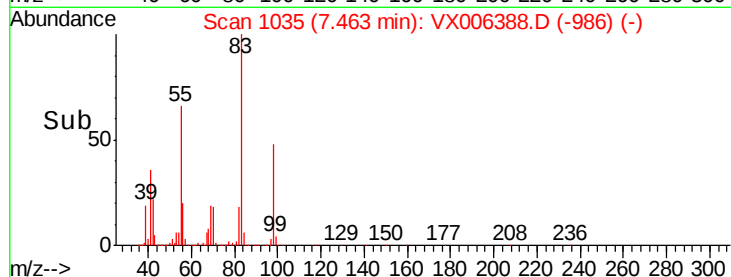
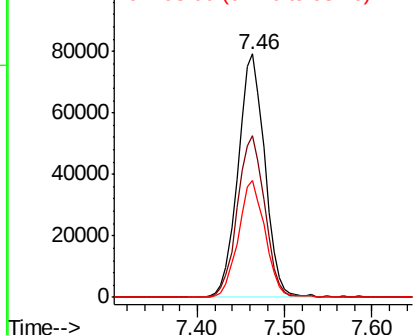
#39
Methvlcvclohexane
Concen: 17.206 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX006388.D
Acq: 11 Dec 2018 00:12

Instrument :
MSVOA_X
ClientSampled :
VX1210WBS02

Tot Ion: 83 Resp: 169243
Ion Ratio Lower Upper
83 100
55 66.4 56.4 84.6
98 47.8 39.0 58.6

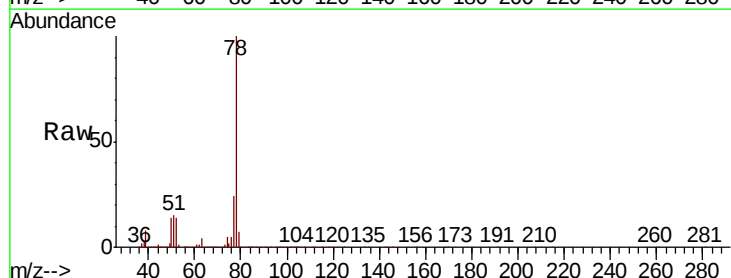


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

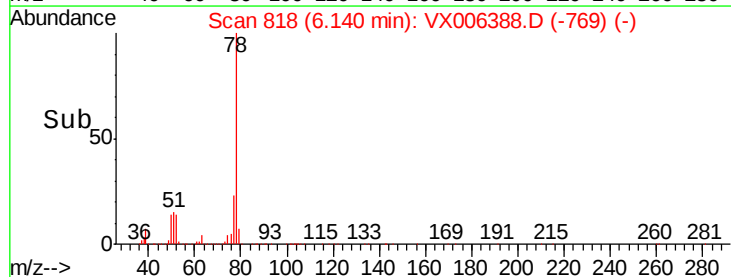
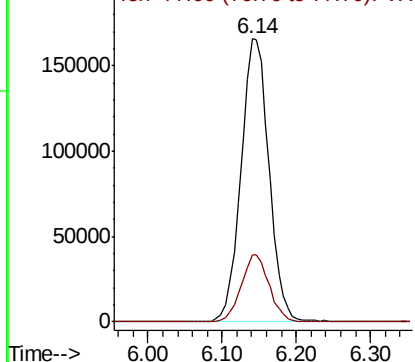


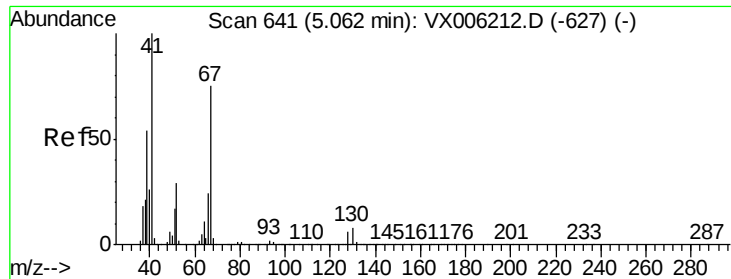
#40
Benzene
Concen: 19.255 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006388.D
Acq: 11 Dec 2018 00:12

Tgt Ion: 78 Resp: 437003
Ion Ratio Lower Upper
78 100
77 23.5 19.2 28.8



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

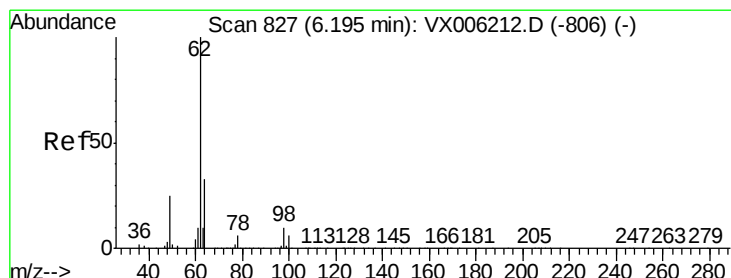
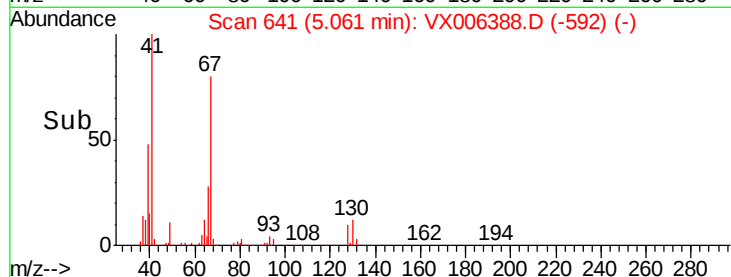
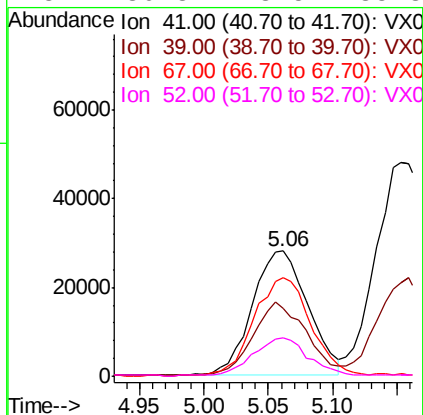
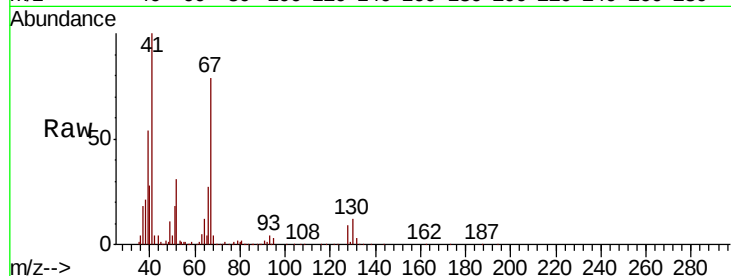




#41
Methacrylonitrile
Concen: 17.957 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX006388.D
Acq: 11 Dec 2018 00:12

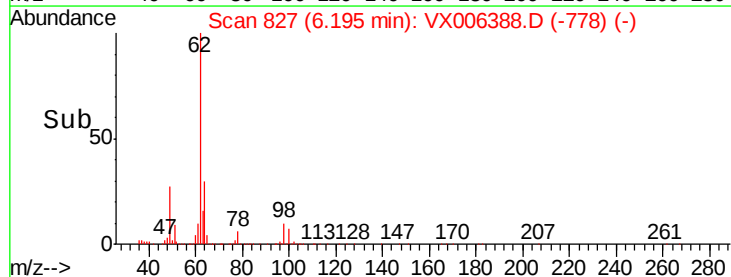
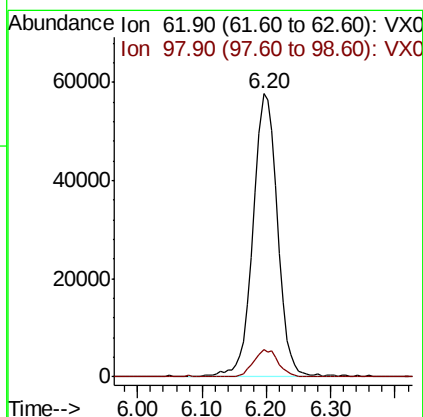
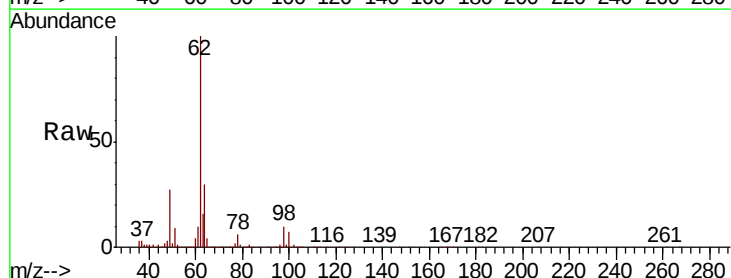
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

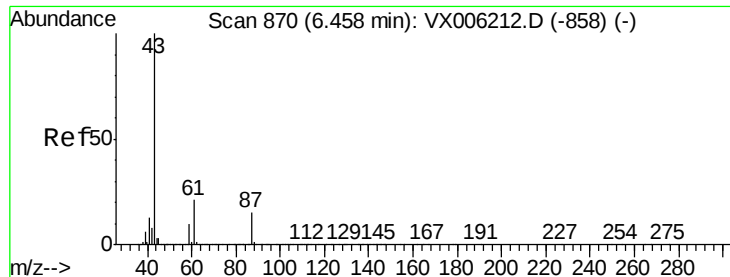
Tot Ion:	41	Resp:	83850
Ion	Ratio	Lower	Upper
41	100		
39	56.1	44.0	66.0
67	80.3	61.4	92.0
52	30.8	23.5	35.3



#42
1,2-Dichloroethane
Concen: 20.214 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX006388.D
Acq: 11 Dec 2018 00:12

Tgt Ion:	62	Resp:	150152
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.2





#43

Isopropyl Acetate

Concen: 17.633 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

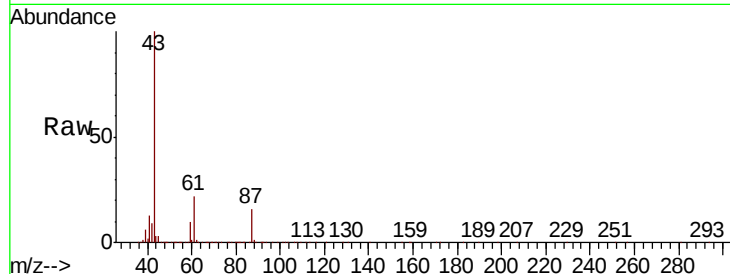
Tot Ion: 43 Resp: 249482

Ion Ratio Lower Upper

43 100

61 21.5 16.8 25.2

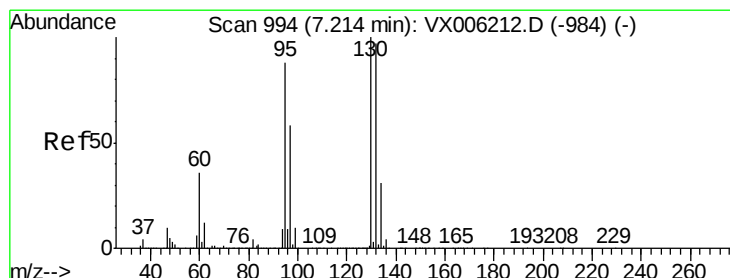
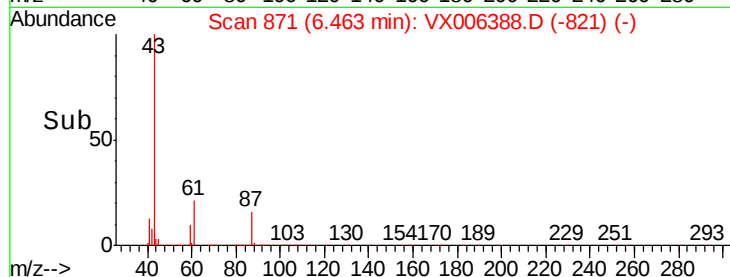
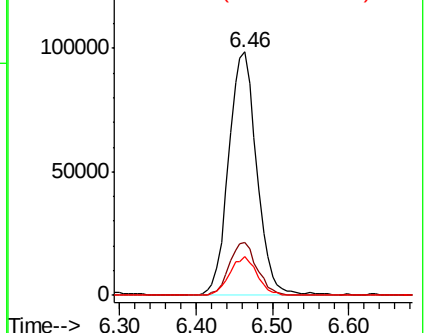
87 15.7 11.9 17.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.610 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006388.D

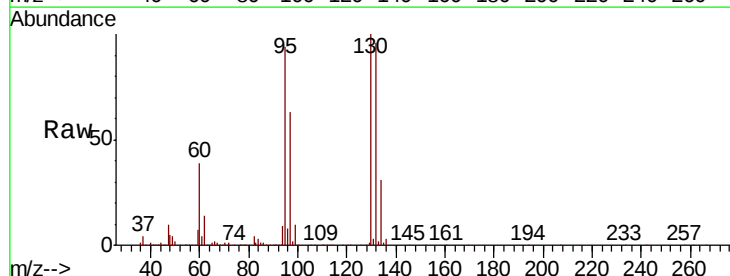
Acq: 11 Dec 2018 00:12

Tgt Ion:130 Resp: 127953

Ion Ratio Lower Upper

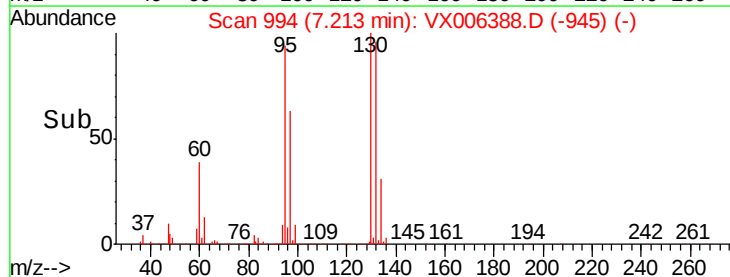
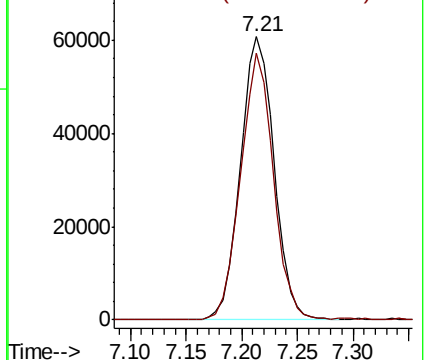
130 100

95 94.1 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

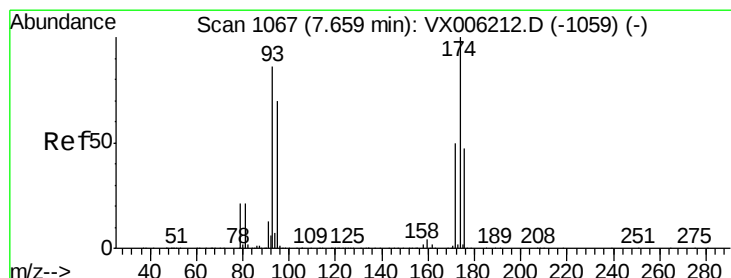
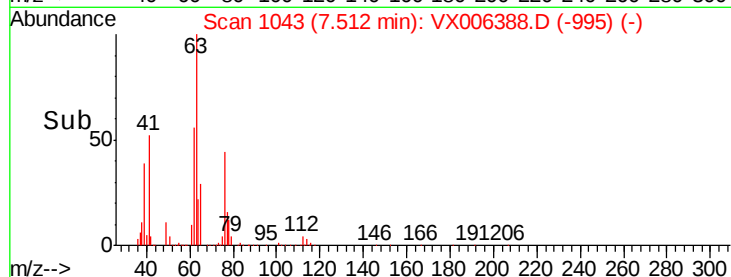
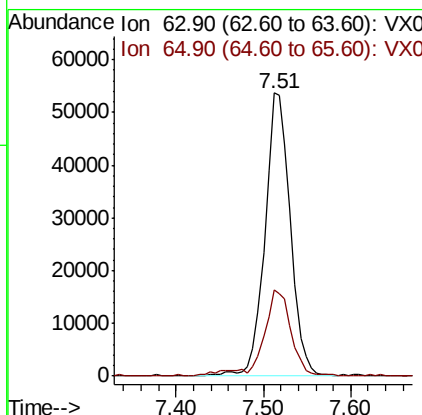
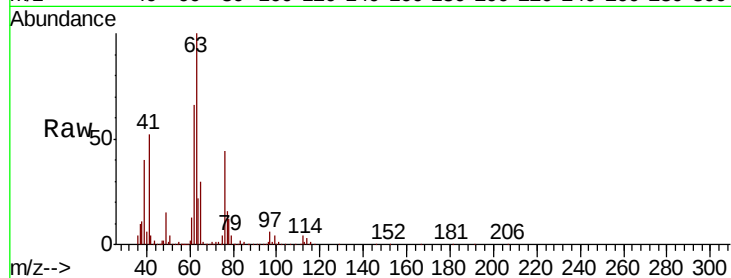




#45
 1,2-Dichloropropane
 Concen: 18.924 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX006388.D
 Acq: 11 Dec 2018 00:12

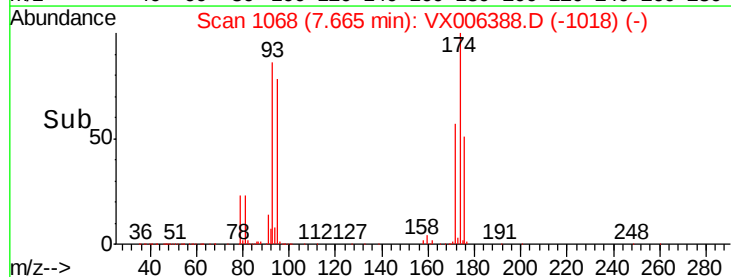
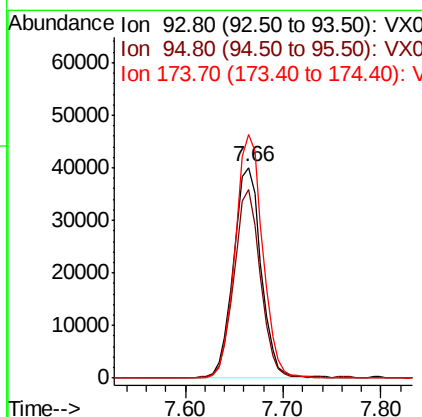
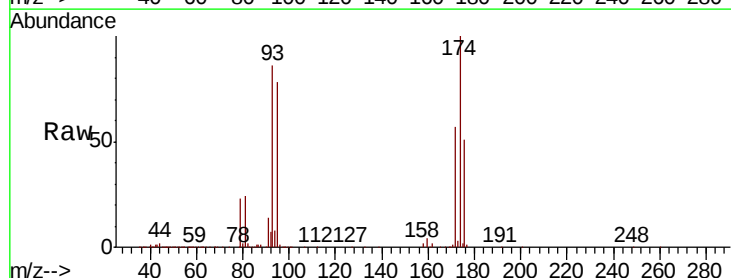
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS02

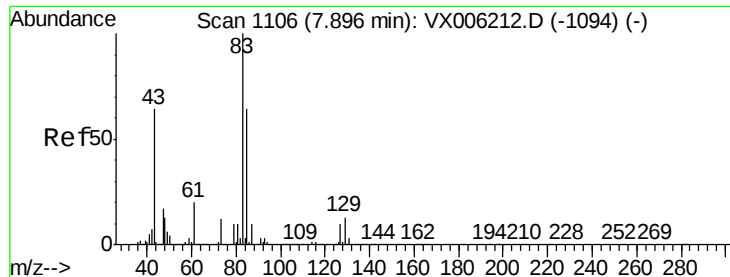
Tot Ion: 63 Resp: 109157
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.3 36.5



#46
 Dibromomethane
 Concen: 18.973 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX006388.D
 Acq: 11 Dec 2018 00:12

Tgt Ion: 93 Resp: 79041
 Ion Ratio Lower Upper
 93 100
 95 85.6 66.2 99.4
 174 114.1 97.2 145.8





#47

Bromodichloromethane

Concen: 18.090 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

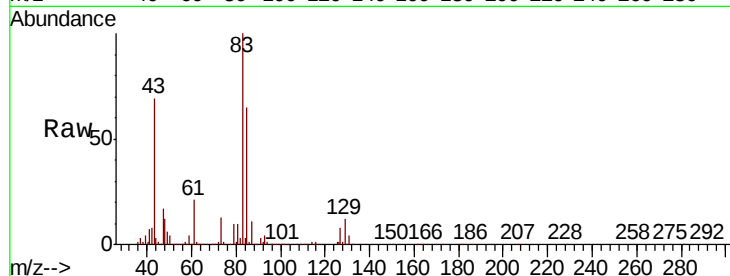
Tot Ion: 83 Resp: 145940

Ion Ratio Lower Upper

83 100

85 65.1 51.4 77.0

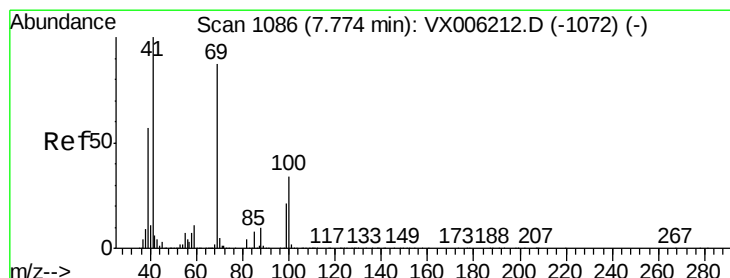
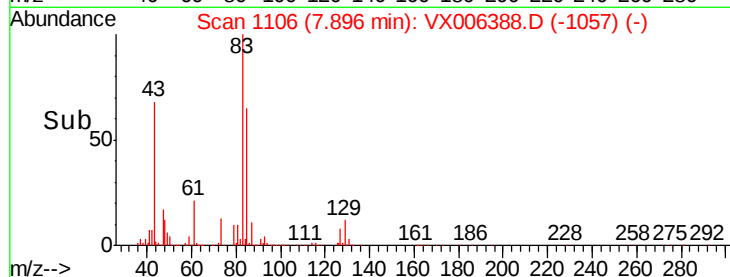
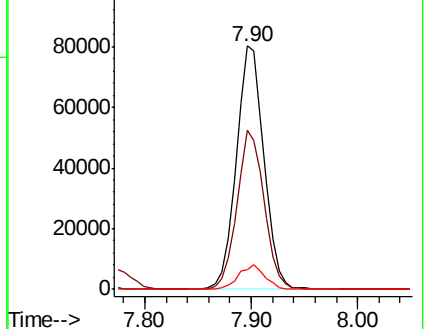
127 8.1 7.9 11.9



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: 18.018 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

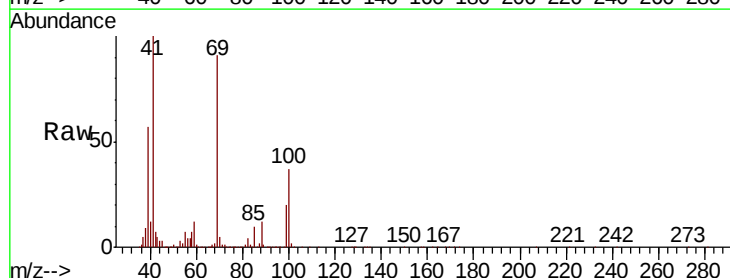
Tgt Ion: 41 Resp: 124022

Ion Ratio Lower Upper

41 100

69 91.9 70.3 105.5

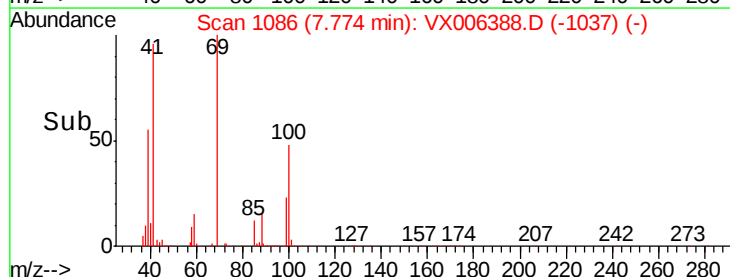
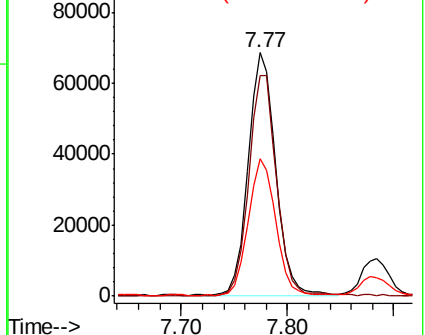
39 56.5 45.3 67.9

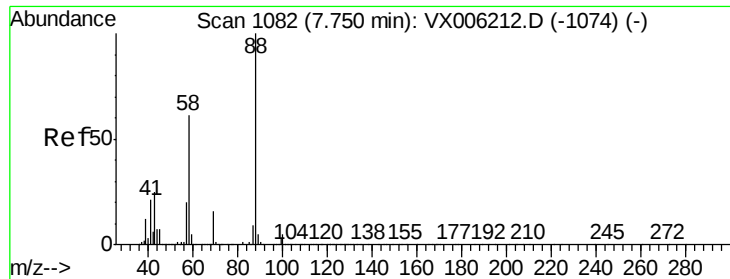


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 387.636 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

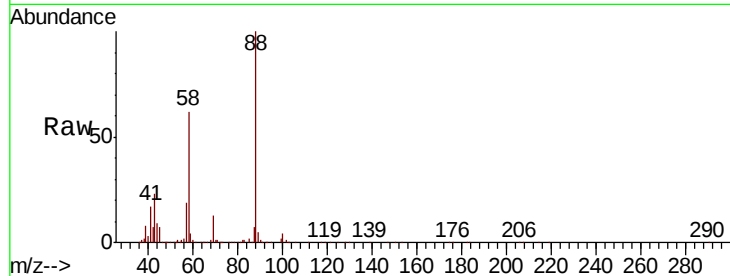
Tot Ion: 88 Resp: 65761

Ion Ratio Lower Upper

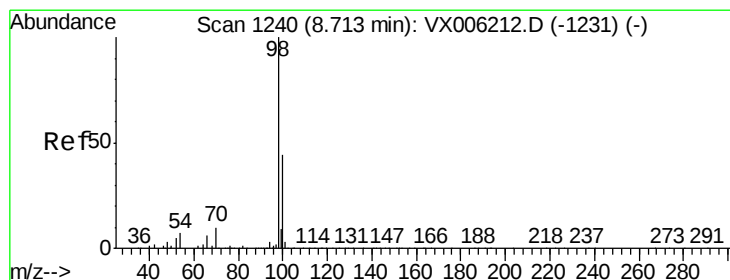
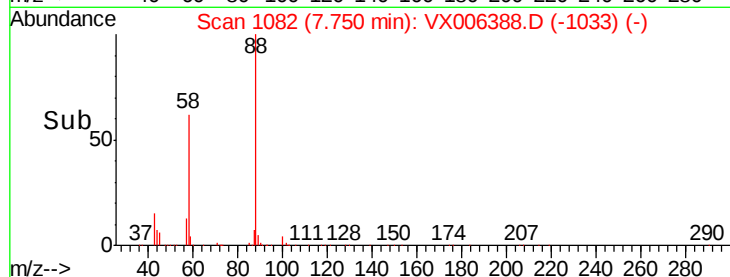
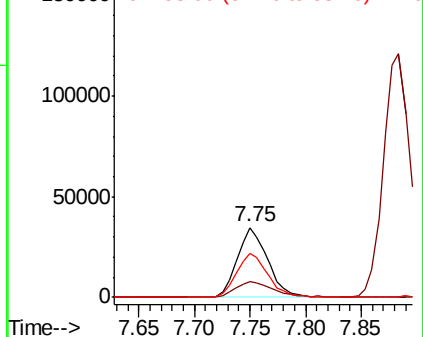
88 100

43 27.1 23.2 34.8

58 65.4 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: 48.615 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006388.D

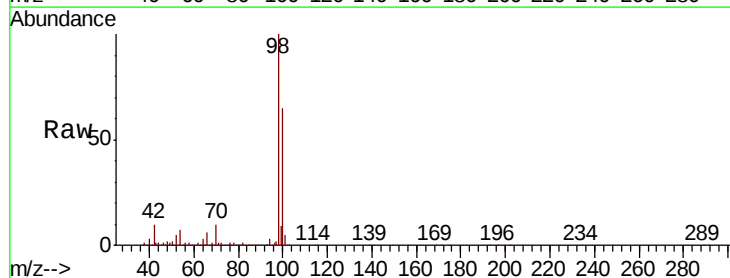
Acq: 11 Dec 2018 00:12

Tgt Ion: 98 Resp: 1030272

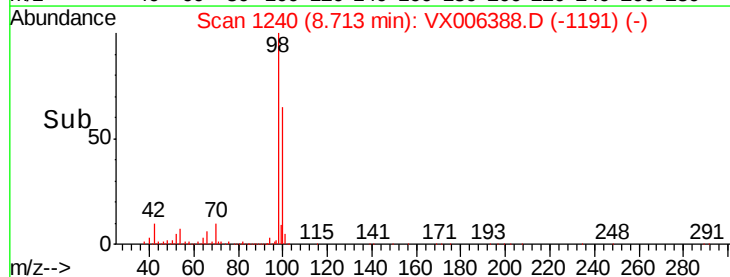
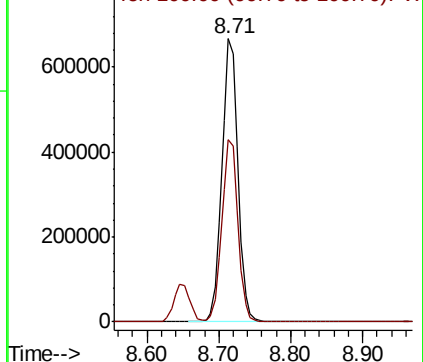
Ion Ratio Lower Upper

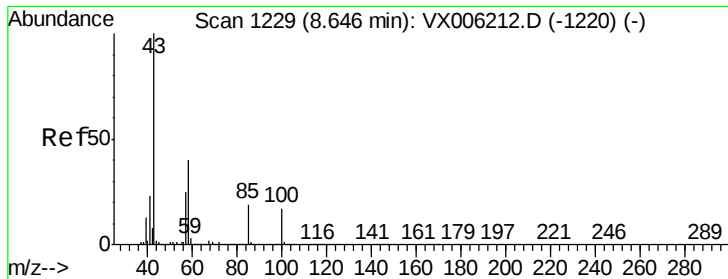
98 100

100 64.3 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: 94.757 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

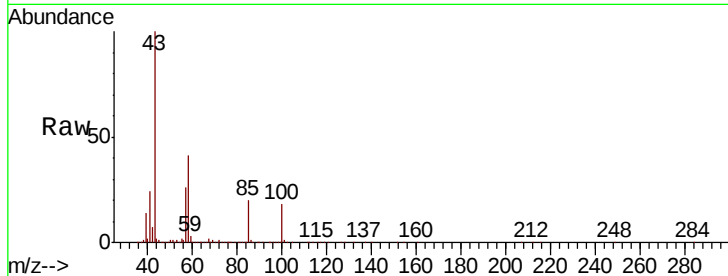
VX1210WBS02

Tot Ion: 43 Resp: 780478

Ion Ratio Lower Upper

43 100

58 40.8 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

500000

400000

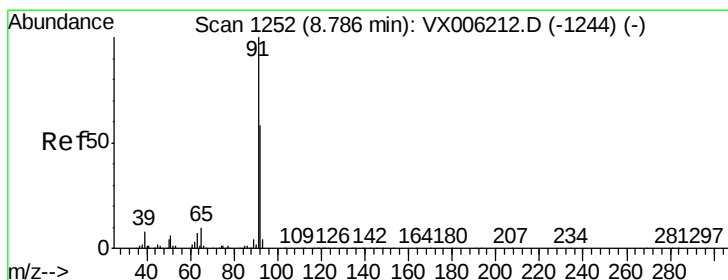
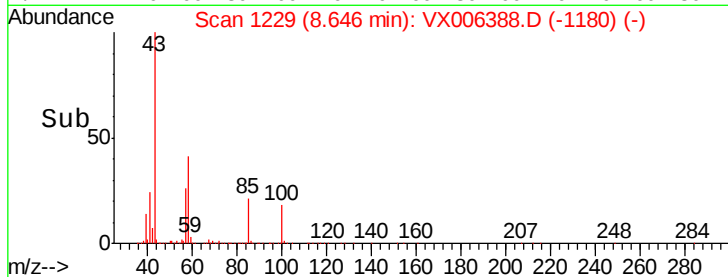
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 19.139 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006388.D

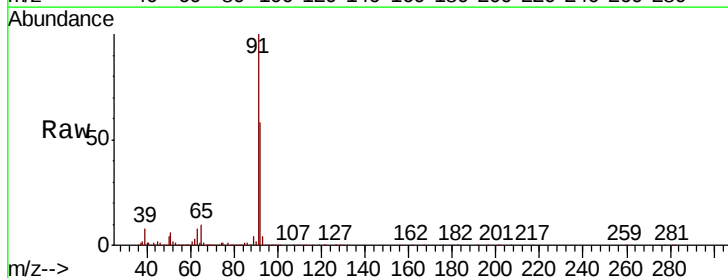
Acq: 11 Dec 2018 00:12

Tgt Ion: 92 Resp: 285781

Ion Ratio Lower Upper

92 100

91 173.9 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

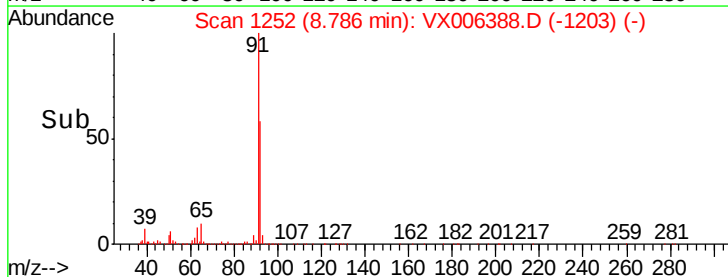
300000

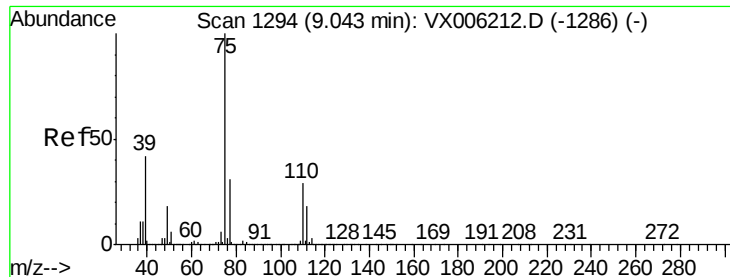
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 16.160 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

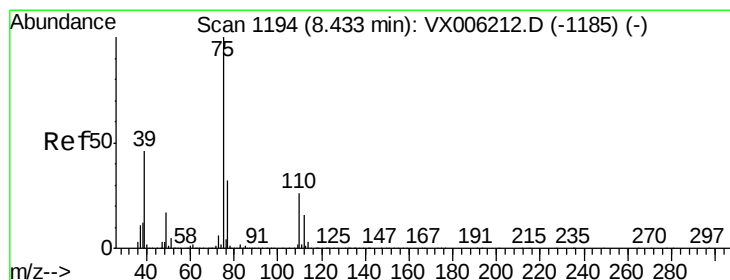
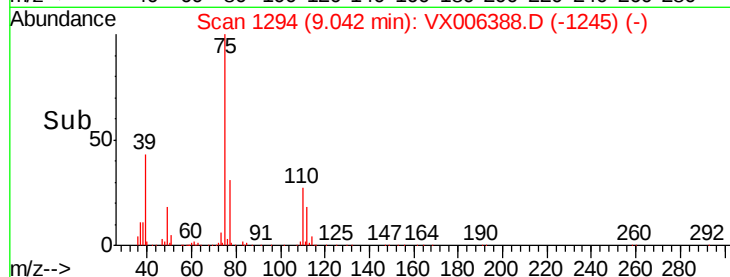
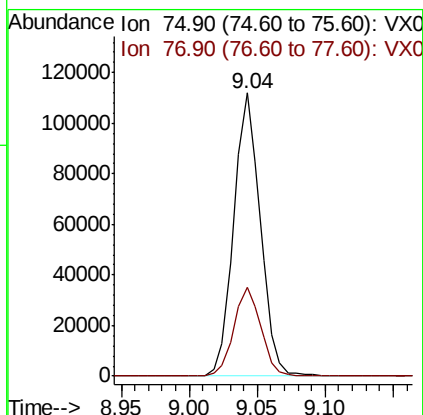
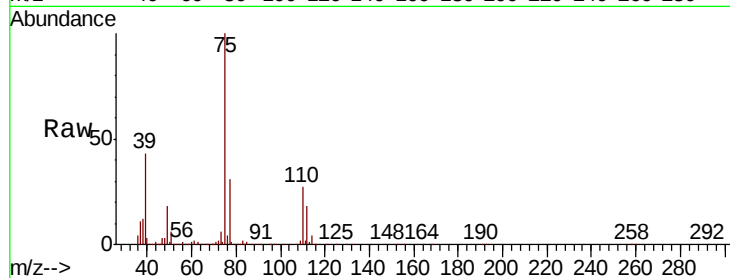
VX1210WBS02

Tot Ion: 75 Resp: 152466

Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 16.995 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

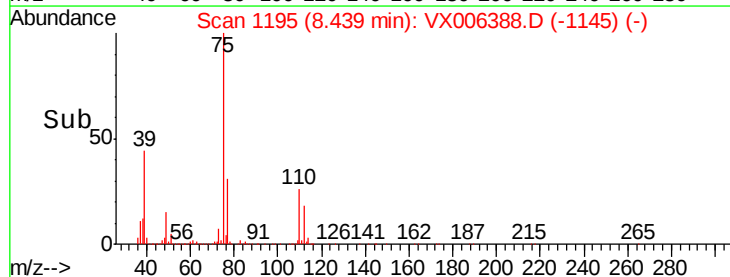
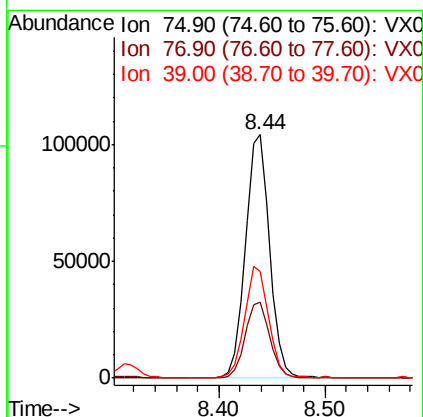
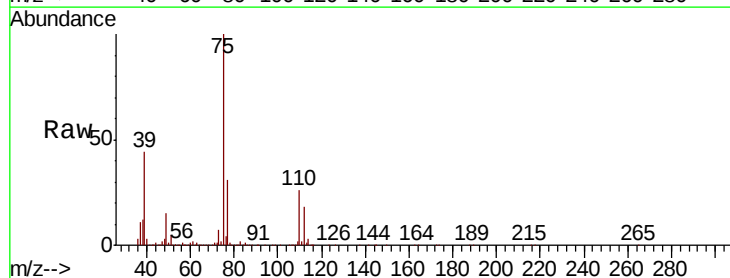
Tgt Ion: 75 Resp: 166502

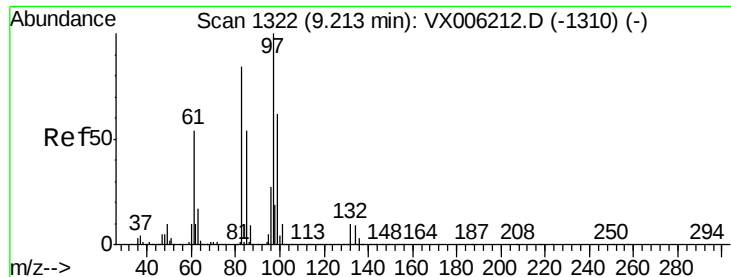
Ion Ratio Lower Upper

75 100

77 31.1 25.6 38.4

39 43.7 36.5 54.7

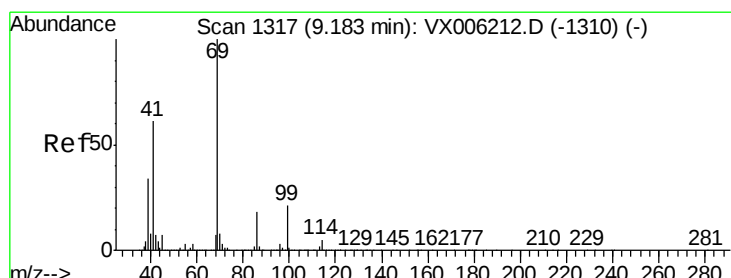
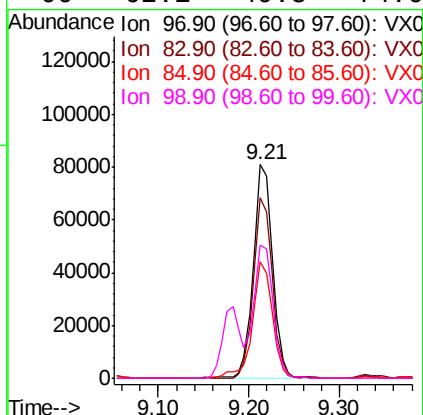
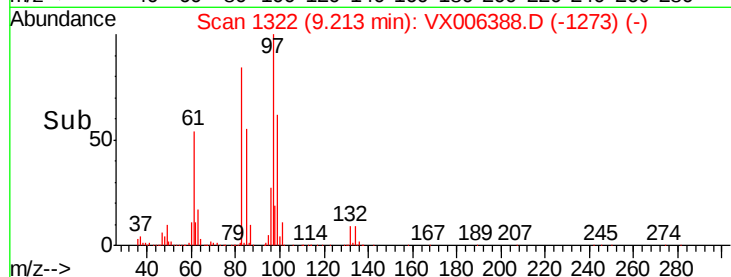
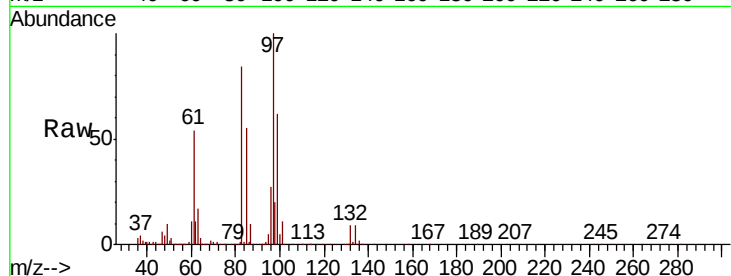




#55
 1,1,2-Trichloroethane
 Concen: 19.782 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006388.D
 Acq: 11 Dec 2018 00:12

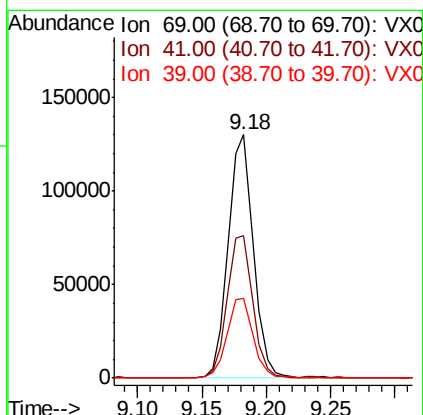
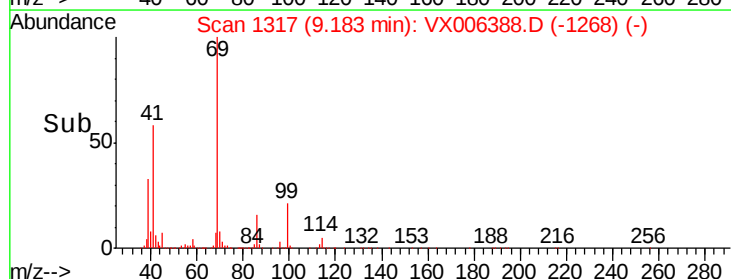
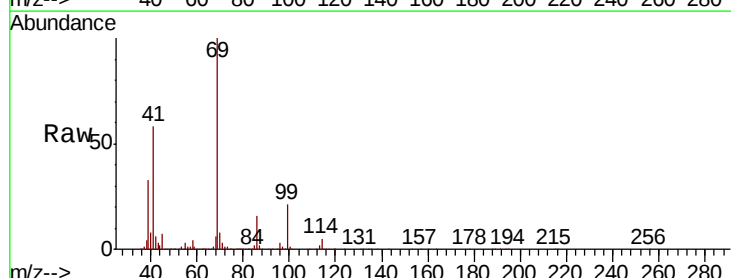
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS02

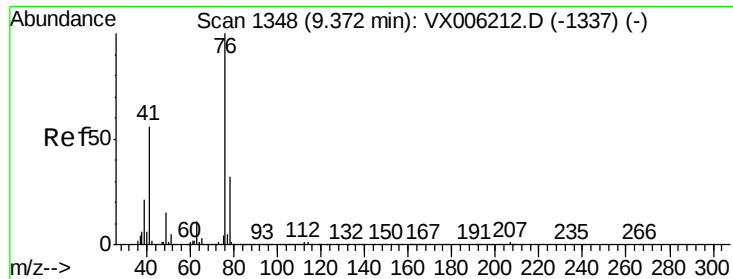
Tot Ion:	97	Resp:	119998
Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.1	100.7
85	54.6	43.2	64.8
99	62.1	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 18.993 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX006388.D
 Acq: 11 Dec 2018 00:12

Tgt Ion:	69	Resp:	180115
Ion	Ratio	Lower	Upper
69	100		
41	58.9	50.6	76.0
39	33.3	27.6	41.4





#57

1,3-Dichloropropane

Concen: 19.680 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampled :

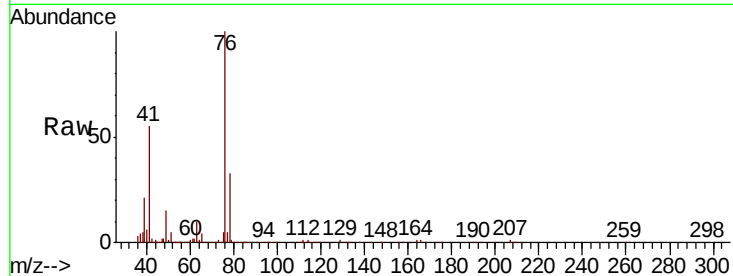
VX1210WBS02

Tot Ion: 76 Resp: 188772

Ion Ratio Lower Upper

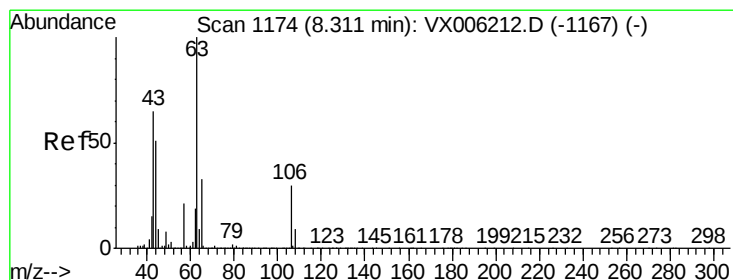
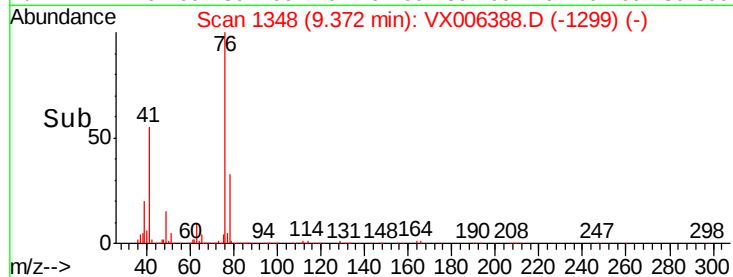
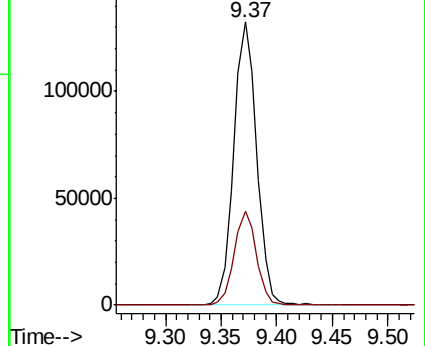
76 100

78 32.3 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 96.367 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006388.D

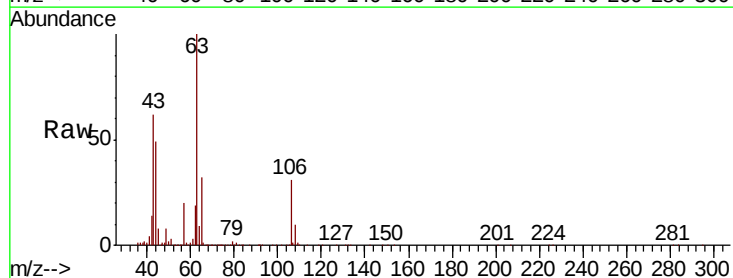
Acq: 11 Dec 2018 00:12

Tgt Ion: 63 Resp: 463743

Ion Ratio Lower Upper

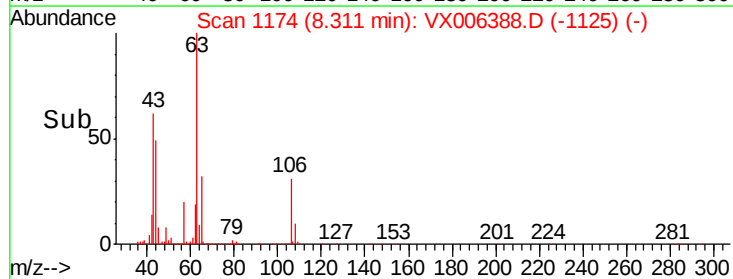
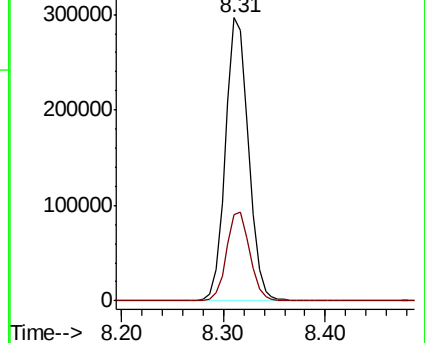
63 100

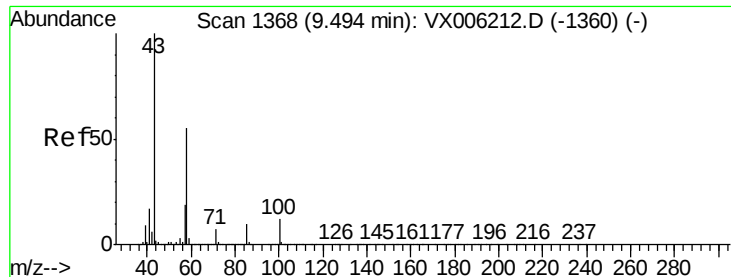
106 31.8 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

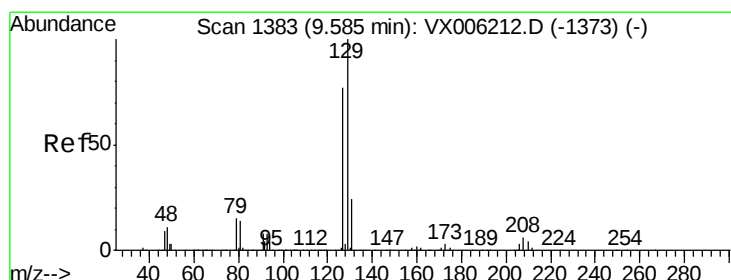
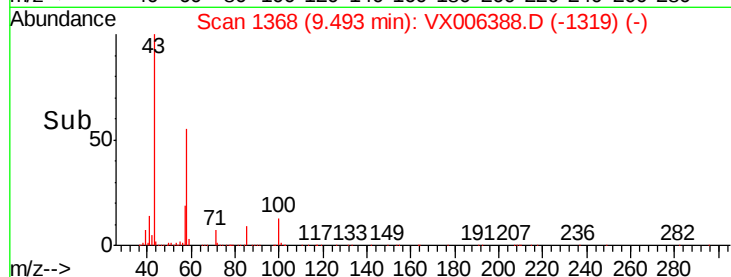
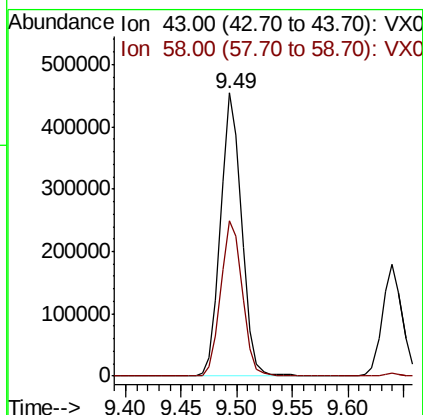
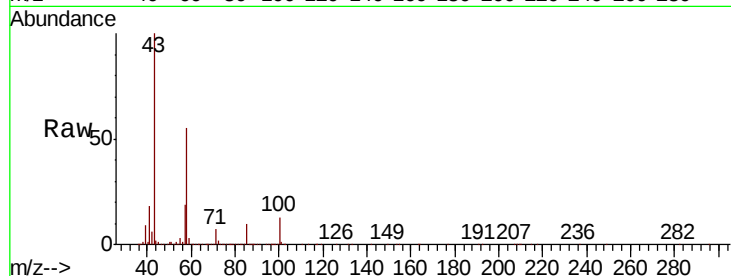




#59
2-Hexanone
Concen: 94.774 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006388.D
Acq: 11 Dec 2018 00:12

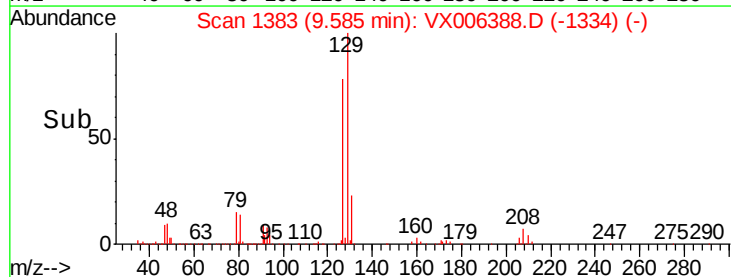
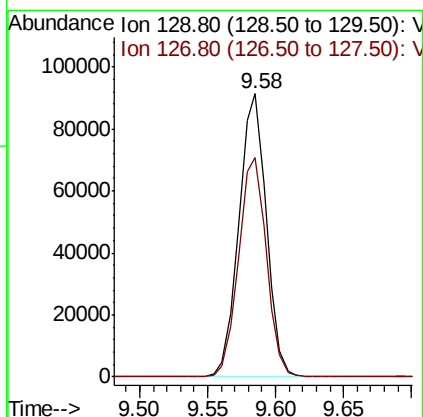
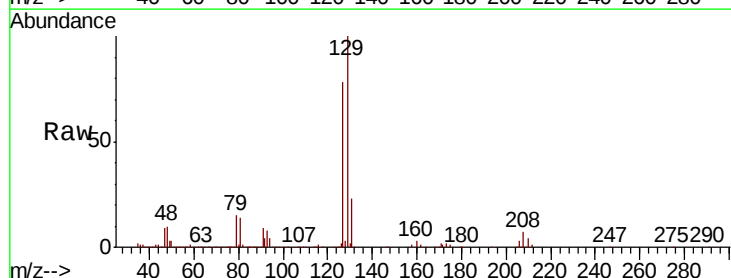
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

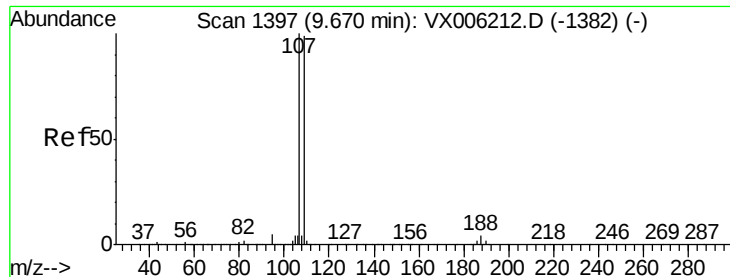
Tot Ion: 43 Resp: 596390
Ion Ratio Lower Upper
43 100
58 56.2 27.7 83.1



#60
Dibromochloromethane
Concen: 17.189 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX006388.D
Acq: 11 Dec 2018 00:12

Tgt Ion: 129 Resp: 128574
Ion Ratio Lower Upper
129 100
127 78.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 18.768 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

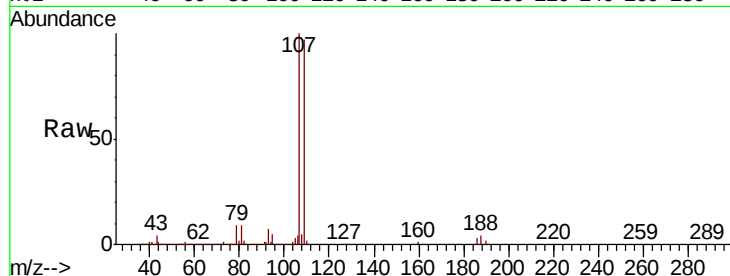
VX1210WBS02

Tot Ion:107 Resp: 127296

Ion Ratio Lower Upper

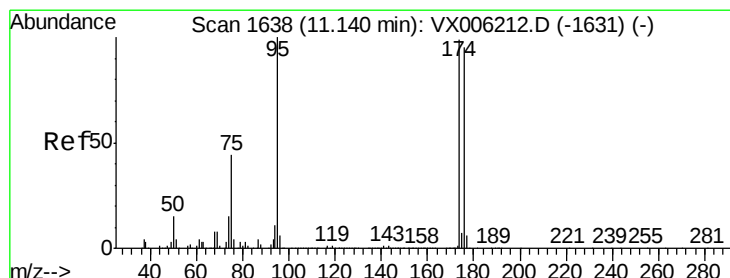
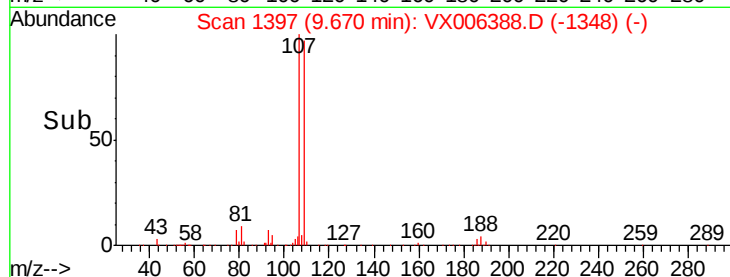
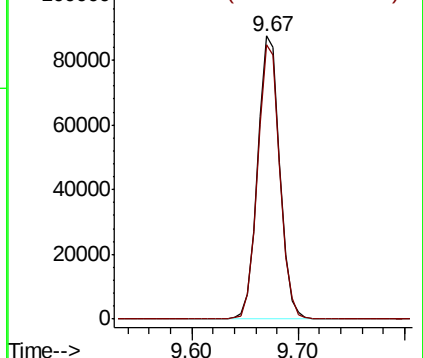
107 100

109 97.7 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: 49.159 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

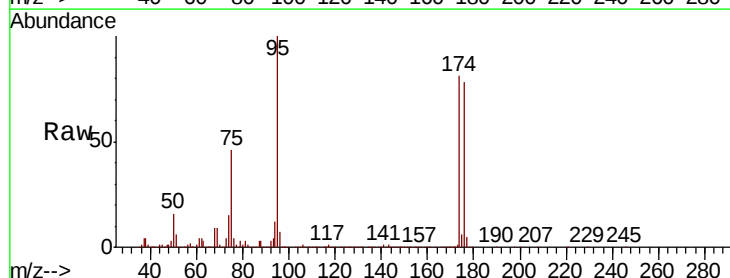
Tgt Ion: 95 Resp: 392576

Ion Ratio Lower Upper

95 100

174 89.3 0.0 187.0

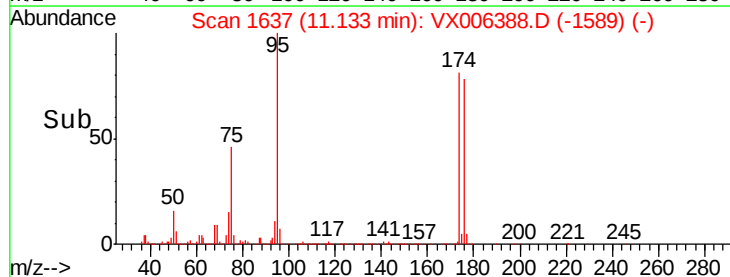
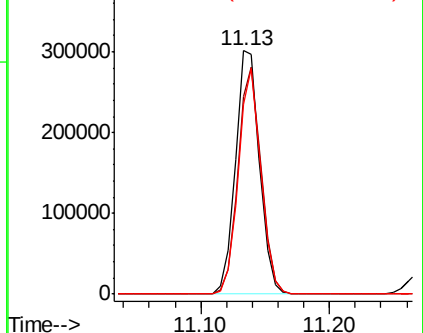
176 86.2 0.0 181.8

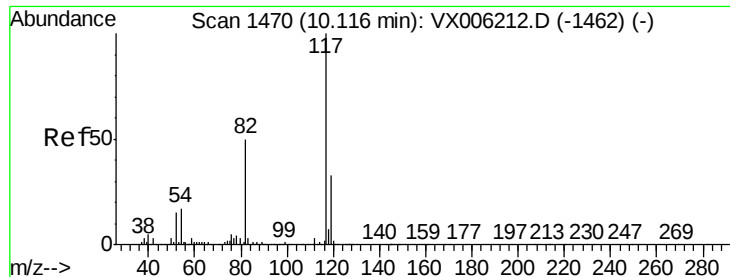


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

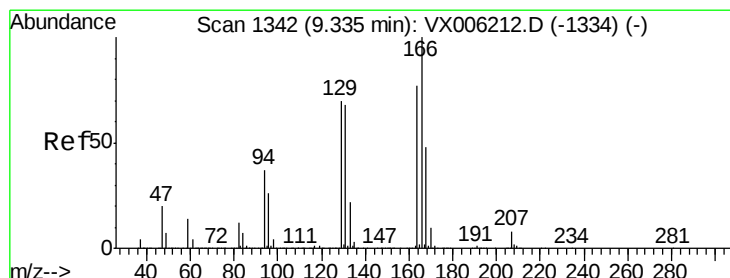
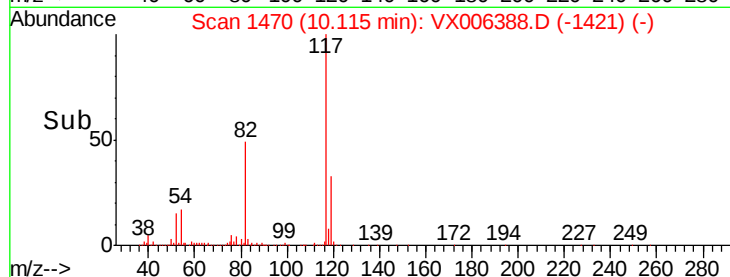
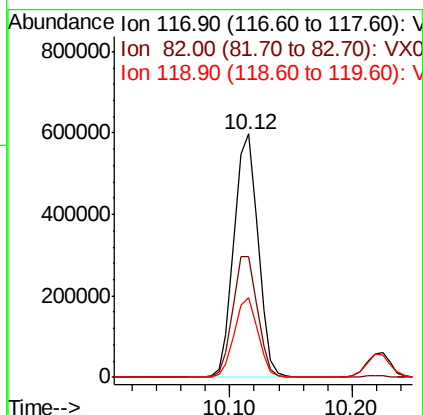
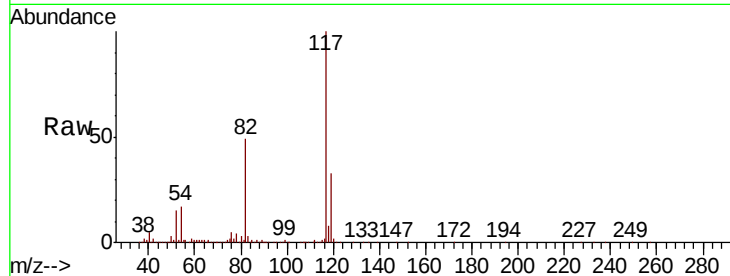




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006388.D
Acq: 11 Dec 2018 00:12

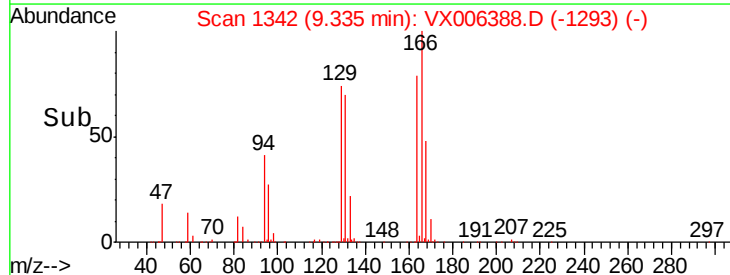
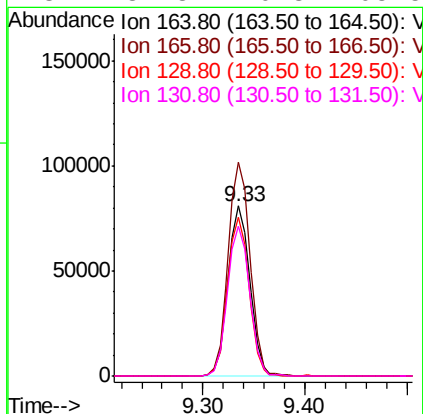
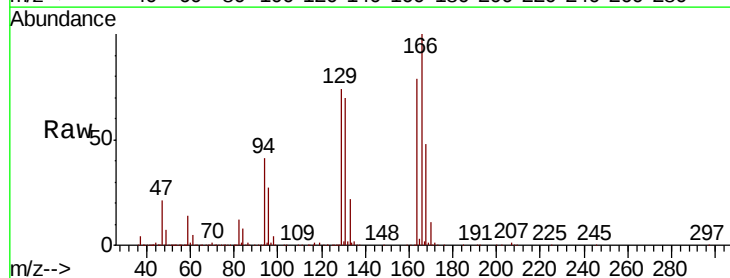
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

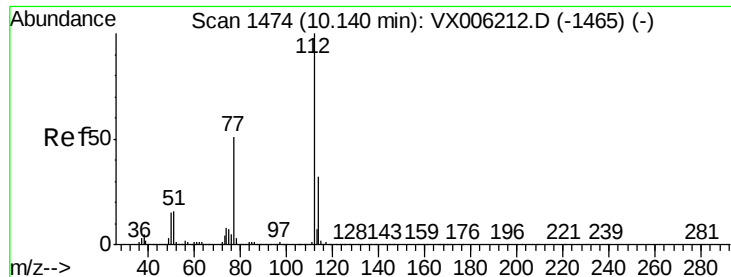
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.3	39.6	59.4
119	32.7	26.3	39.5



#64
Tetrachloroethene
Concen: 19.652 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006388.D
Acq: 11 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.8	104.2	156.2
129	93.7	72.6	108.8
131	87.8	70.3	105.5





#65

Chlorobenzene

Concen: 19.718 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

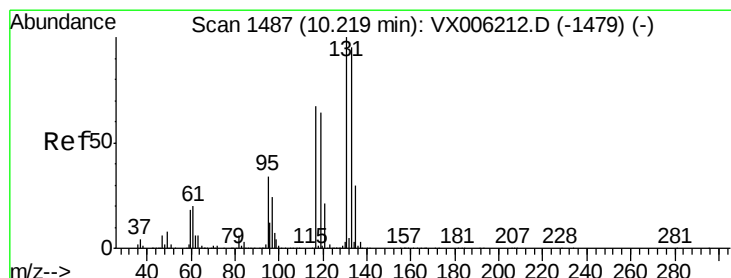
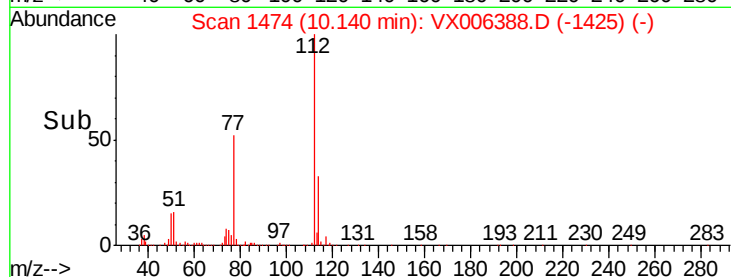
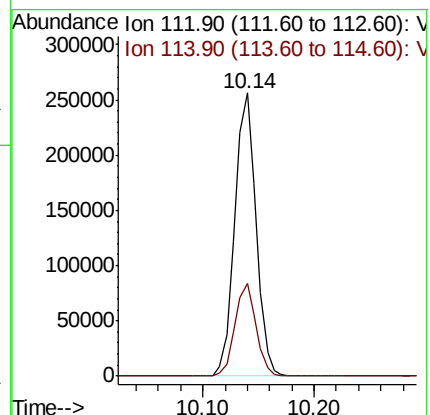
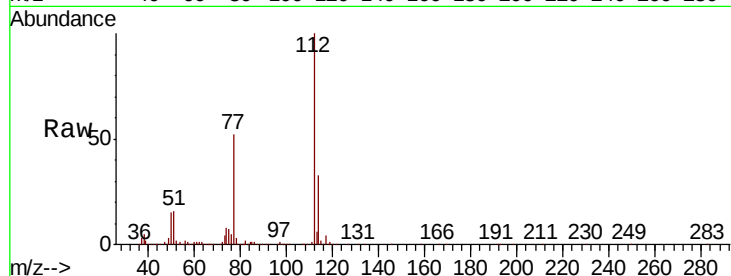
VX1210WBS02

Tot Ion:112 Resp: 338933

Ion Ratio Lower Upper

112 100

114 32.8 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 18.359 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

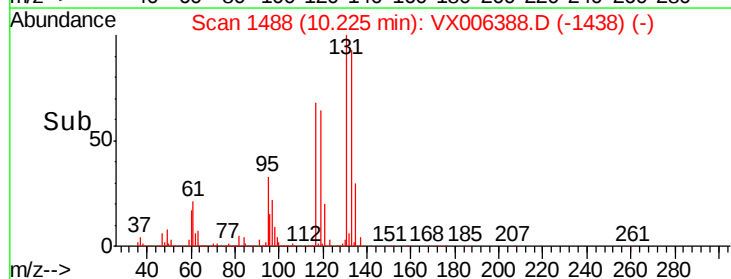
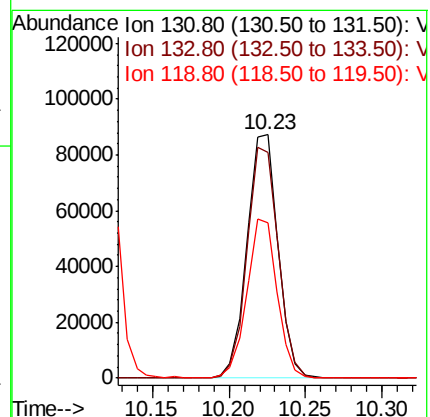
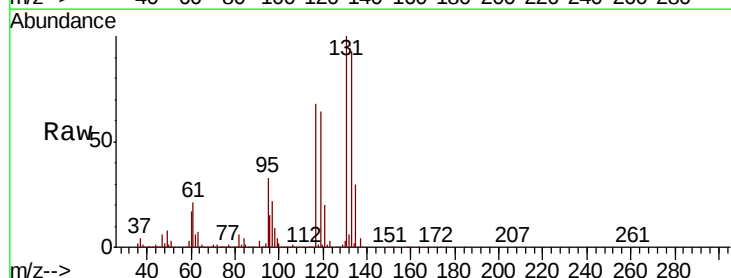
Tgt Ion:131 Resp: 122610

Ion Ratio Lower Upper

131 100

133 95.4 48.1 144.4

119 64.0 32.1 96.3





#67

Ethyl Benzene

Concen: 19.284 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

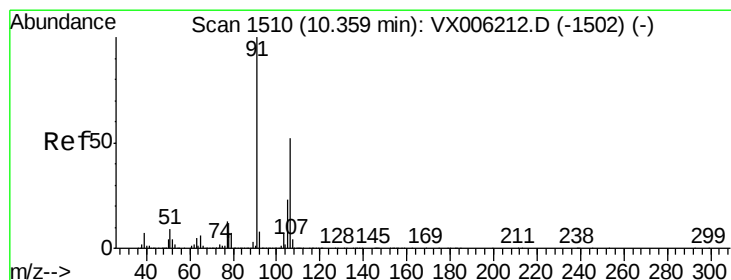
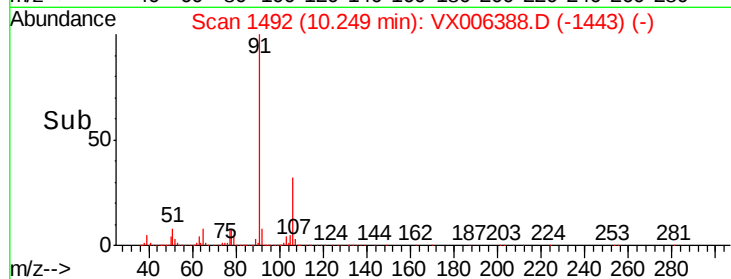
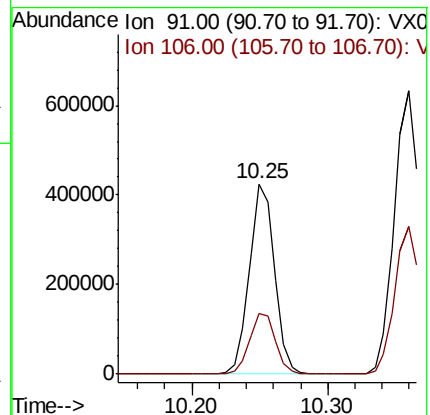
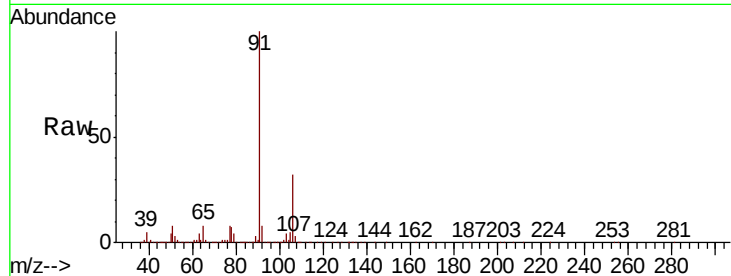
VX1210WBS02

Tot Ion: 91 Resp: 551286

Ion Ratio Lower Upper

91 100

106 31.8 26.5 39.7



#68

m/p-Xylenes

Concen: 38.199 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006388.D

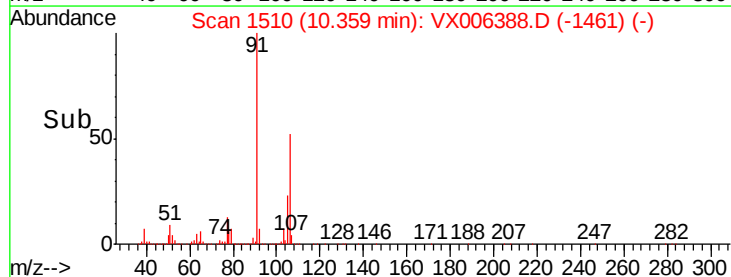
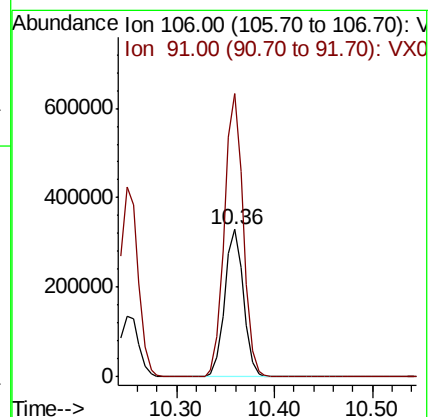
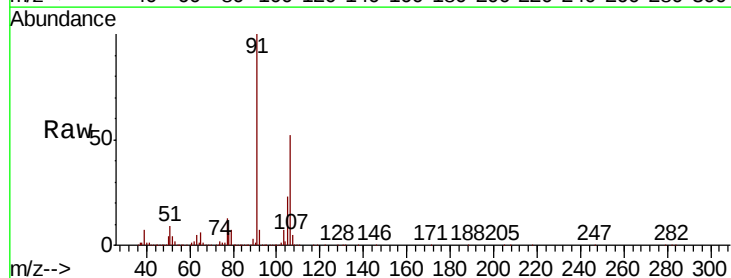
Acq: 11 Dec 2018 00:12

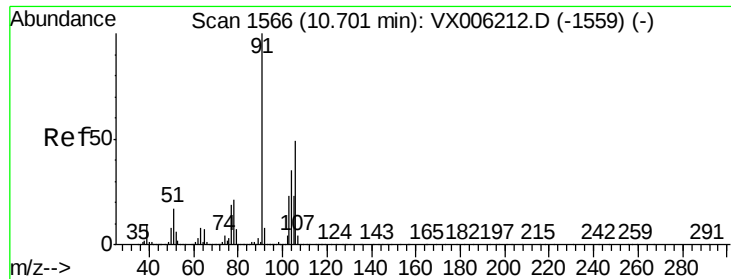
Tgt Ion: 106 Resp: 437440

Ion Ratio Lower Upper

106 100

91 191.7 155.2 232.8





#69

o-Xylene

Concen: 19.098 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

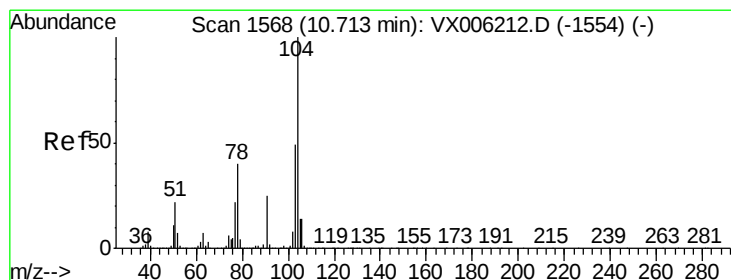
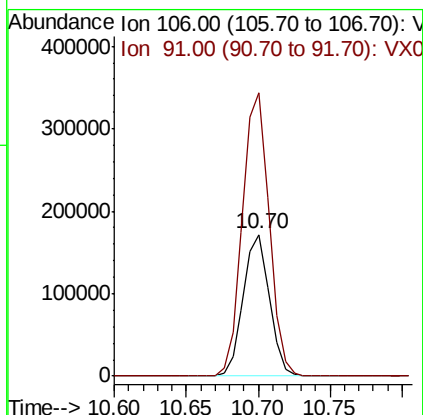
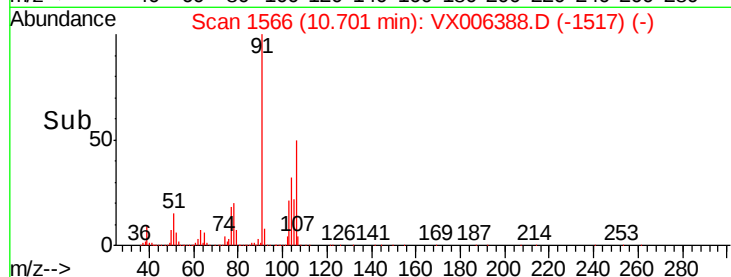
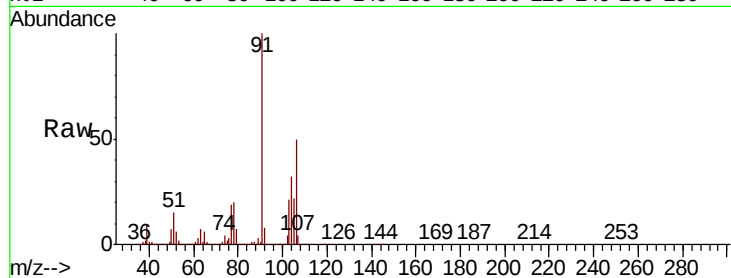
VX1210WBS02

Tot Ion:106 Resp: 216033

Ion Ratio Lower Upper

106 100

91 204.4 101.8 305.6



#70

Styrene

Concen: 18.999 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

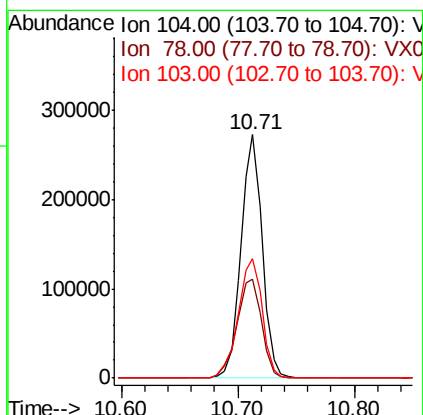
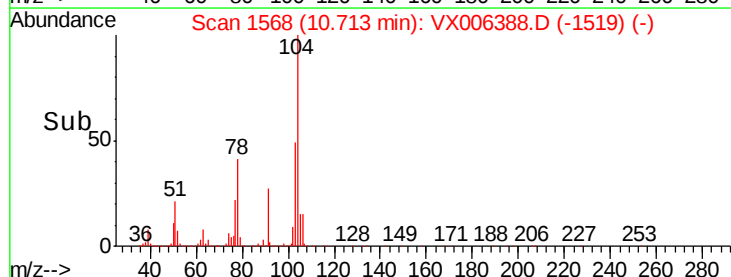
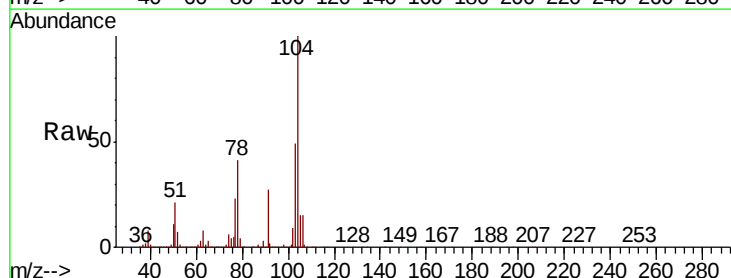
Tgt Ion:104 Resp: 347590

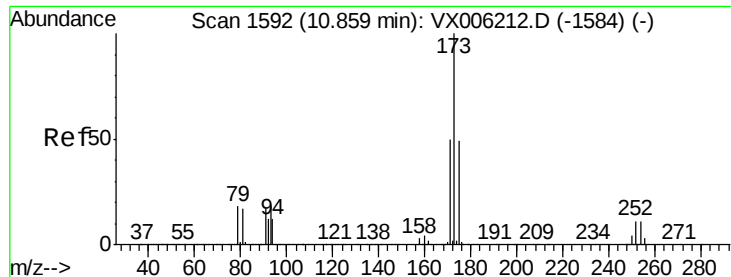
Ion Ratio Lower Upper

104 100

78 47.7 37.2 55.8

103 55.3 43.5 65.3





#71

Bromoform

Concen: 15.557 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

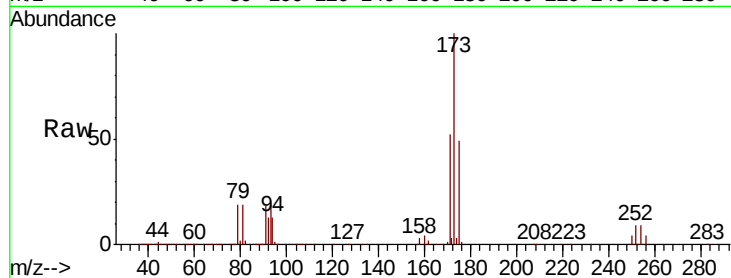
Tot Ion:173 Resp: 98075

Ion Ratio Lower Upper

173 100

175 47.6 24.6 73.8

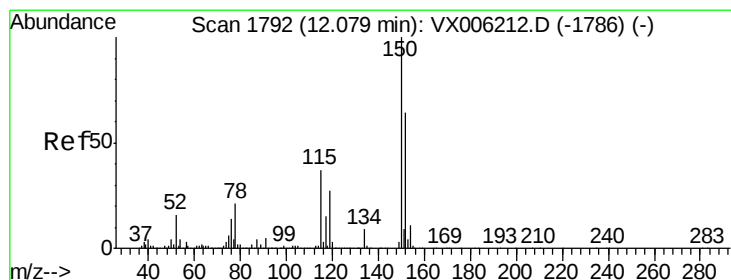
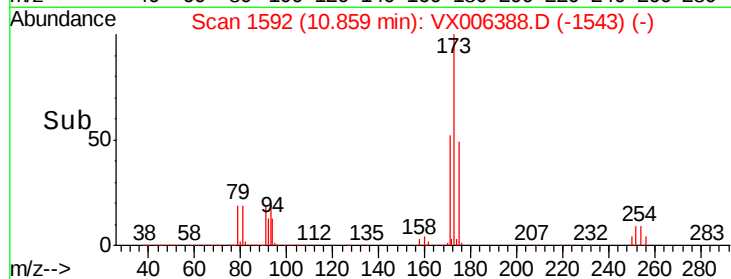
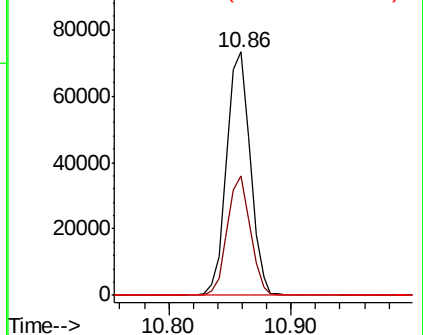
254 0.2 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

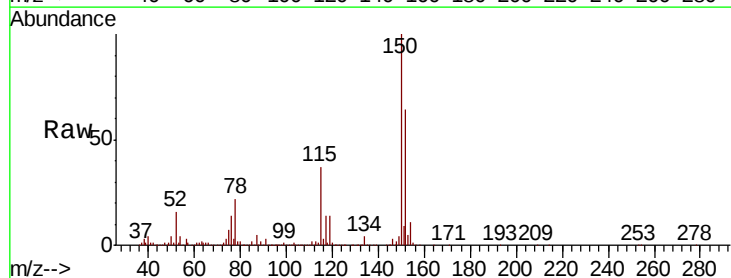
Tgt Ion:152 Resp: 414046

Ion Ratio Lower Upper

152 100

115 65.0 39.0 116.9

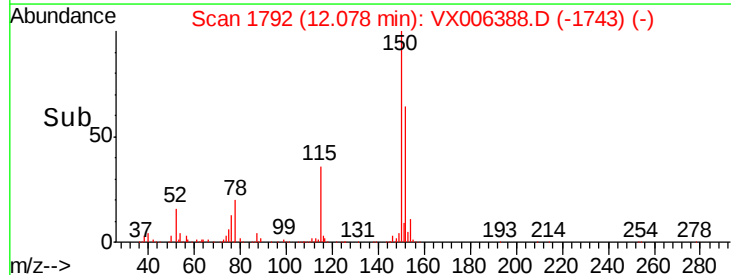
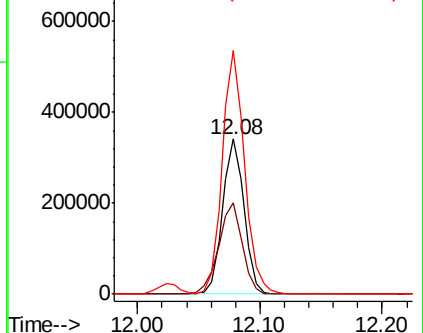
150 163.0 0.0 345.8

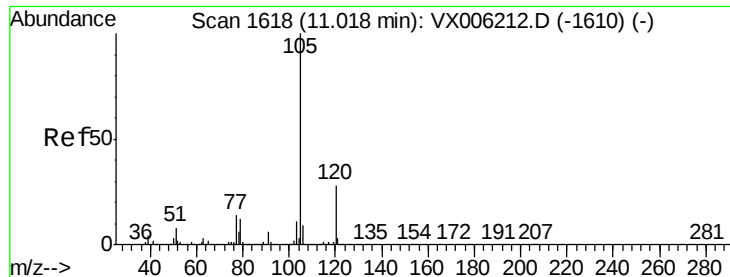


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.054 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

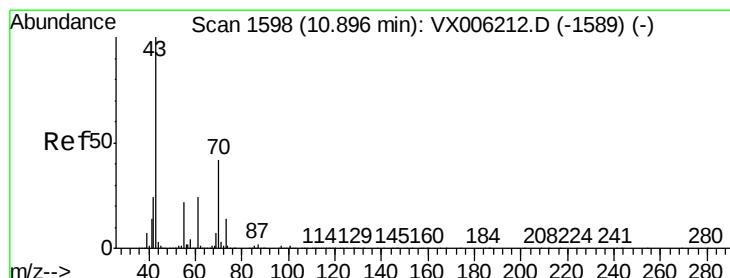
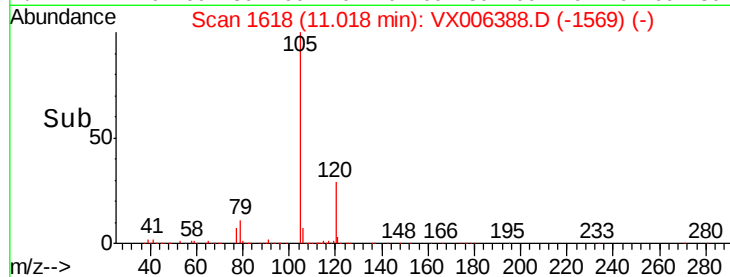
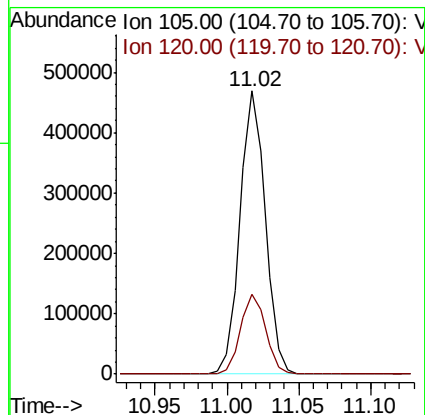
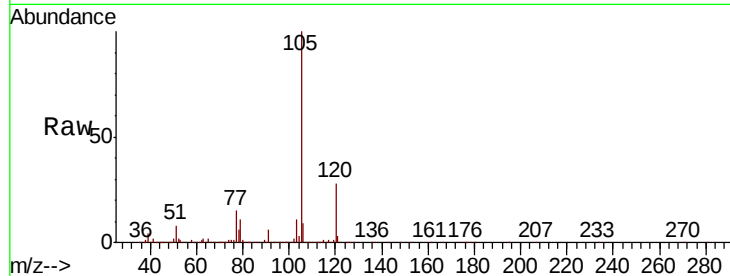
VX1210WBS02

Tot Ion:105 Resp: 573415

Ion Ratio Lower Upper

105 100

120 28.1 14.1 42.3



#74

N-ethyl acetate

Concen: 18.109 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Tgt Ion: 43 Resp: 222978

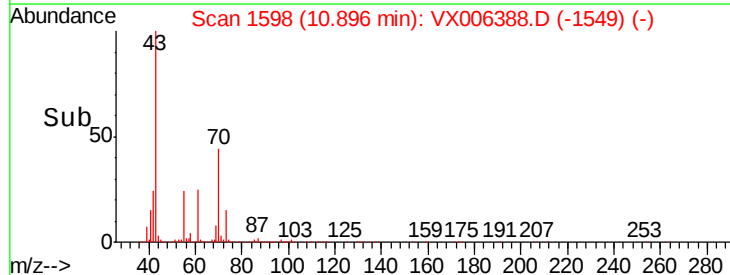
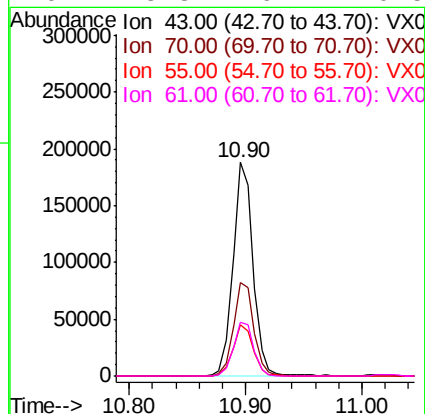
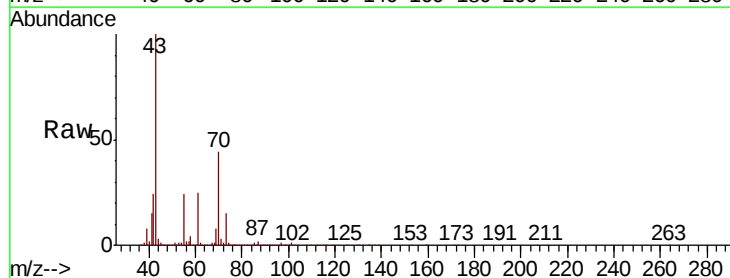
Ion Ratio Lower Upper

43 100

70 45.0 34.1 51.1

55 24.1 17.8 26.8

61 25.8 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.236 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

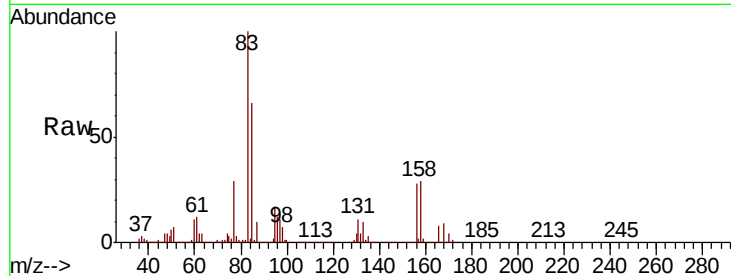
Tot Ion: 83 Resp: 185113

Ion Ratio Lower Upper

83 100

131 11.8 5.7 17.1

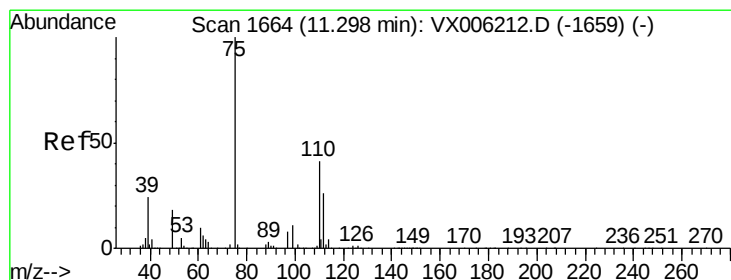
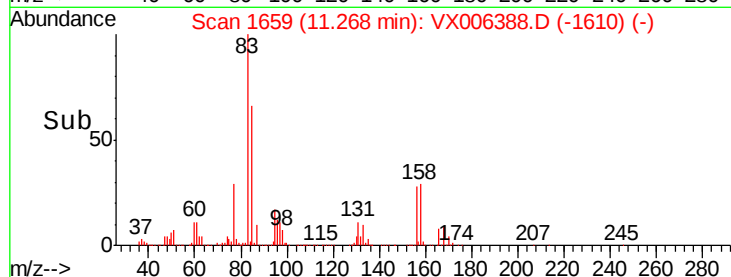
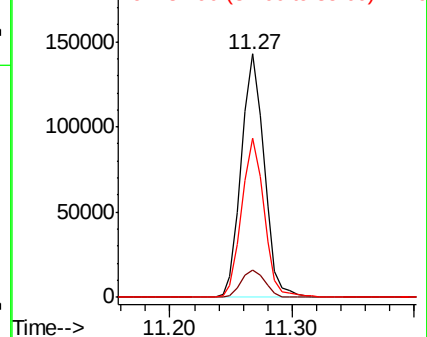
85 63.9 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.254 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006388.D

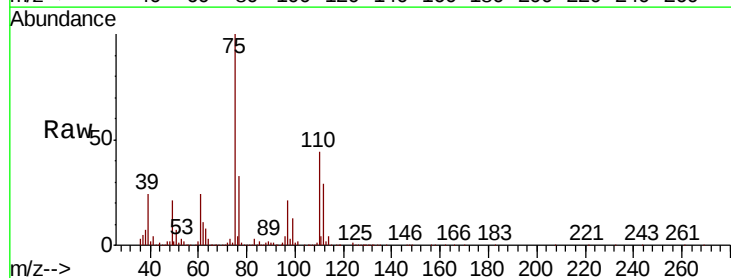
Acq: 11 Dec 2018 00:12

Tgt Ion: 75 Resp: 201820

Ion Ratio Lower Upper

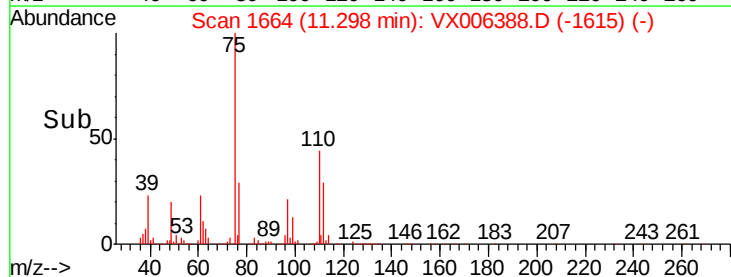
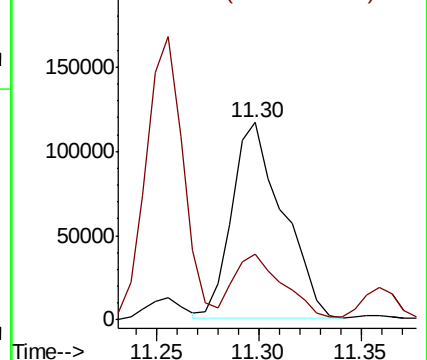
75 100

77 32.7 19.9 59.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.474 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

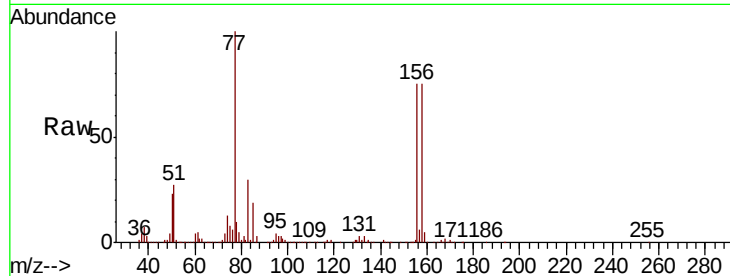
Tot Ion:156 Resp: 154528

Ion Ratio Lower Upper

156 100

77 138.5 66.2 198.6

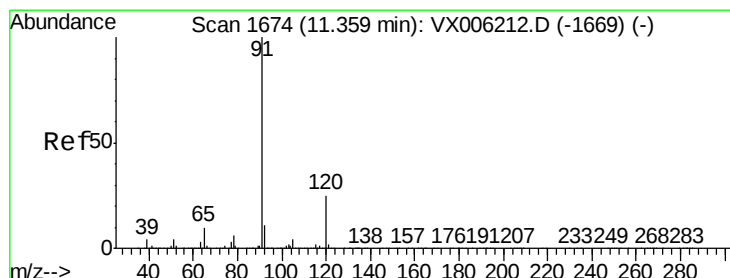
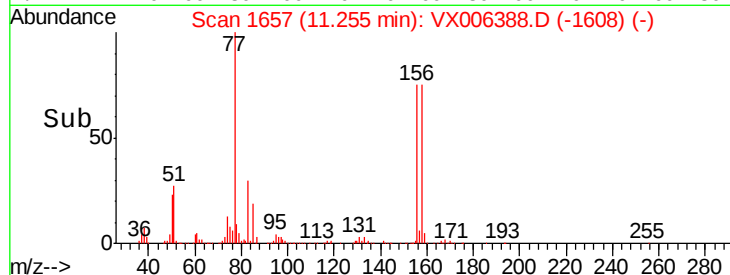
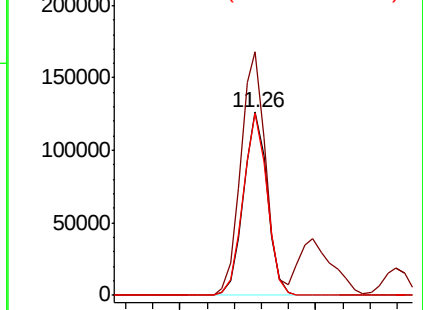
158 99.7 48.8 146.4



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: 19.616 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006388.D

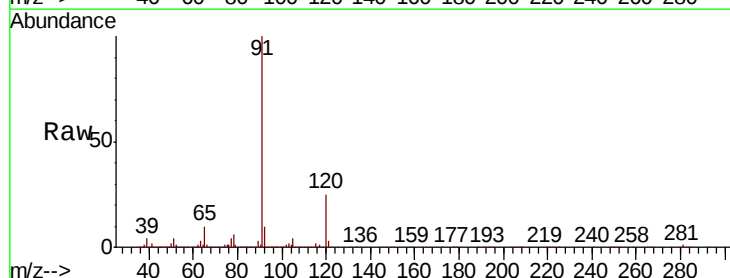
Acq: 11 Dec 2018 00:12

Tgt Ion: 91 Resp: 623480

Ion Ratio Lower Upper

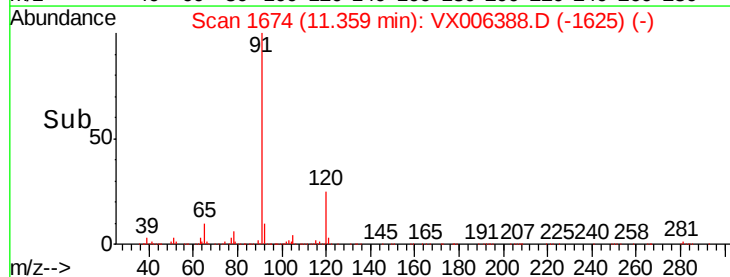
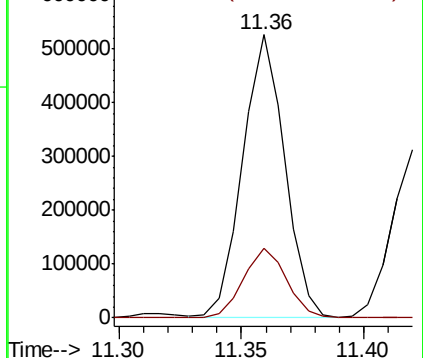
91 100

120 25.2 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: 20.098 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

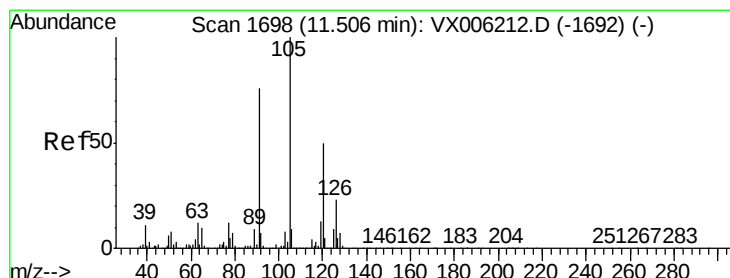
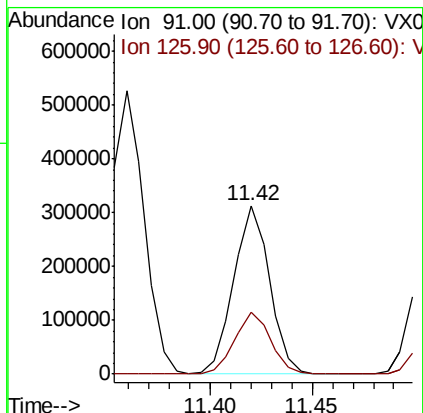
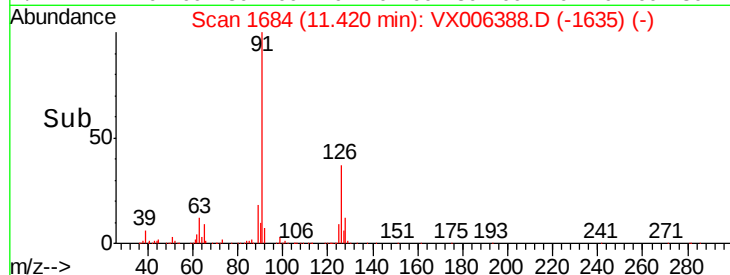
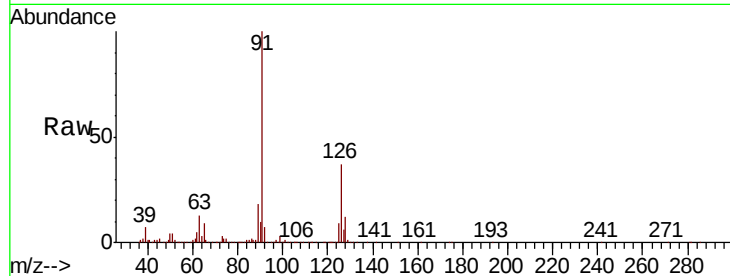
VX1210WBS02

Tot Ion: 91 Resp: 379676

Ion Ratio Lower Upper

91 100

126 37.1 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 19.931 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006388.D

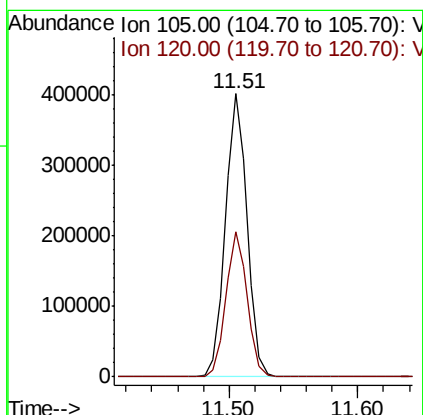
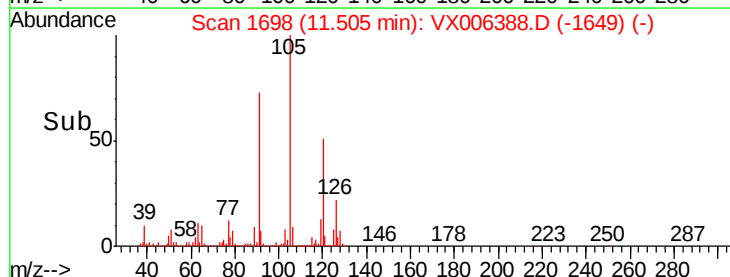
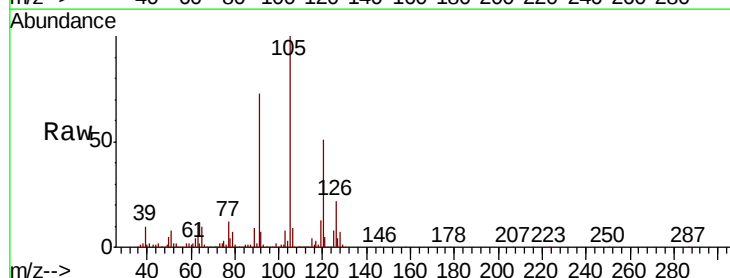
Acq: 11 Dec 2018 00:12

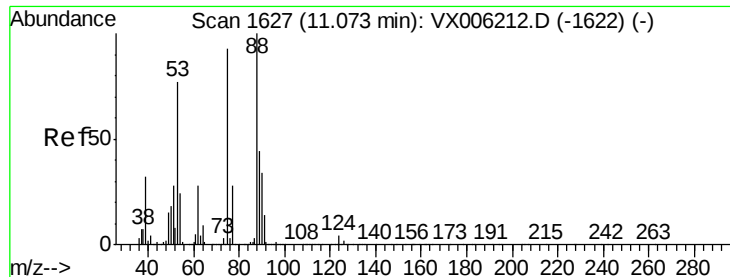
Tgt Ion: 105 Resp: 474172

Ion Ratio Lower Upper

105 100

120 50.2 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 14.708 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

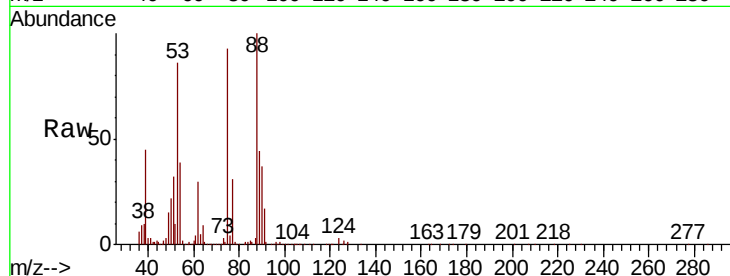
Tot Ion: 75 Resp: 50087

Ion Ratio Lower Upper

75 100

53 92.5 64.4 96.6

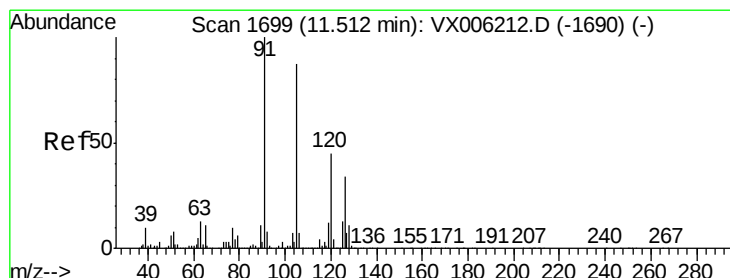
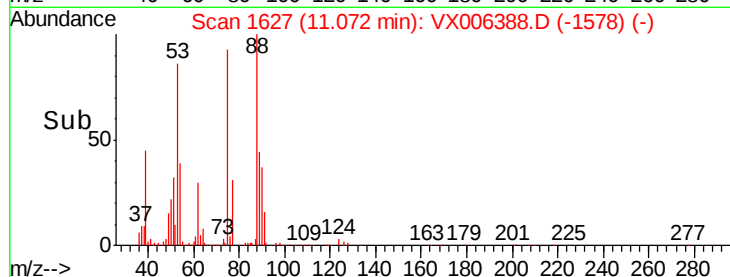
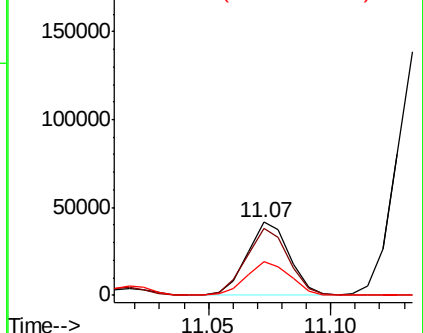
89 48.1 44.2 66.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.583 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006388.D

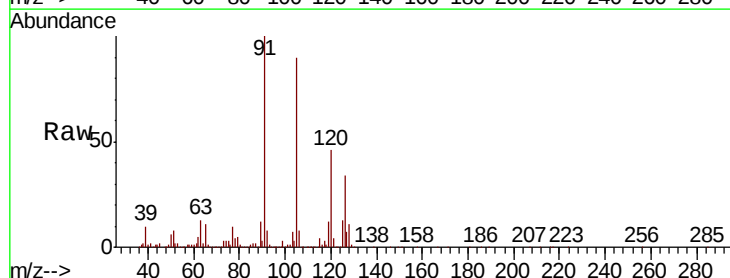
Acq: 11 Dec 2018 00:12

Tgt Ion: 91 Resp: 430134

Ion Ratio Lower Upper

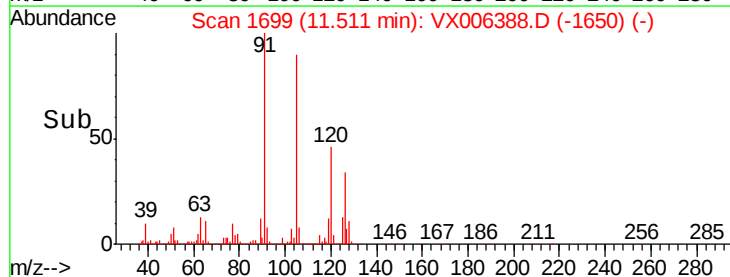
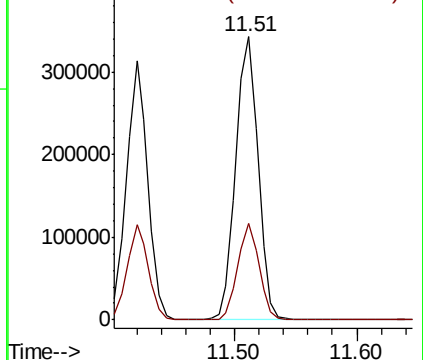
91 100

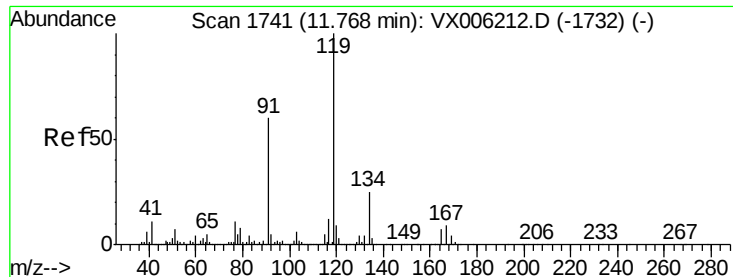
126 32.5 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.639 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

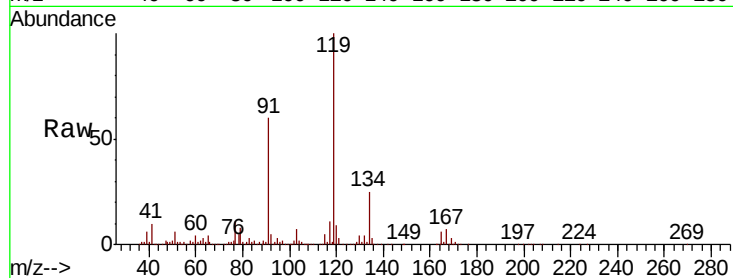
Tot Ion:119 Resp: 498520

Ion Ratio Lower Upper

119 100

91 54.3 26.4 79.2

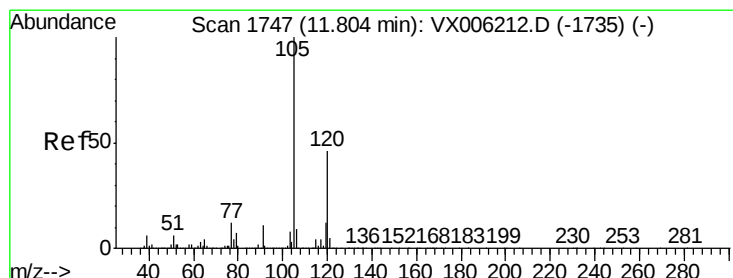
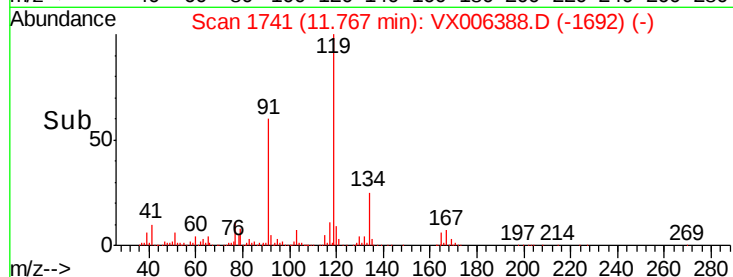
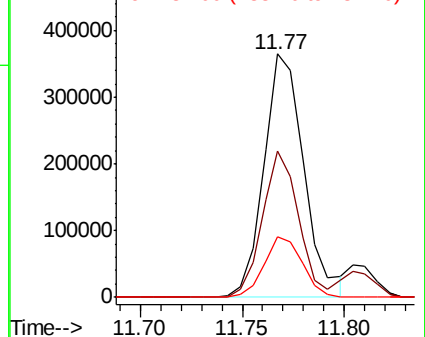
134 23.7 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.856 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006388.D

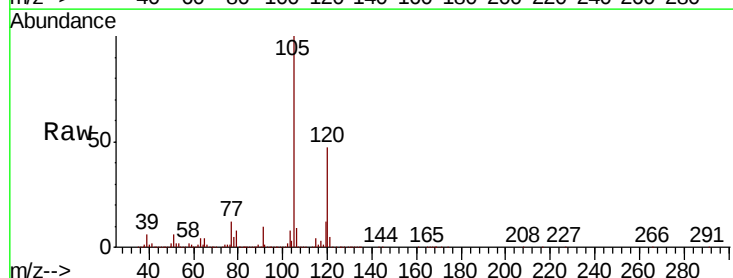
Acq: 11 Dec 2018 00:12

Tgt Ion:105 Resp: 487791

Ion Ratio Lower Upper

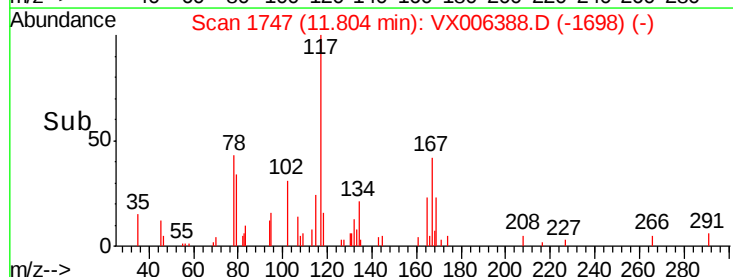
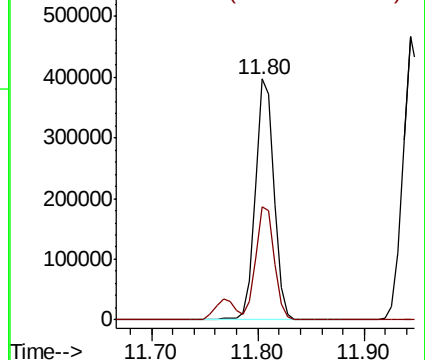
105 100

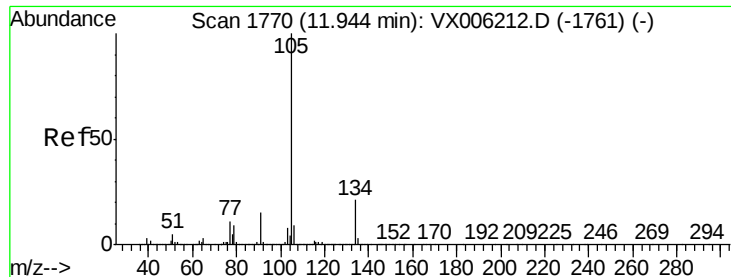
120 46.8 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.616 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

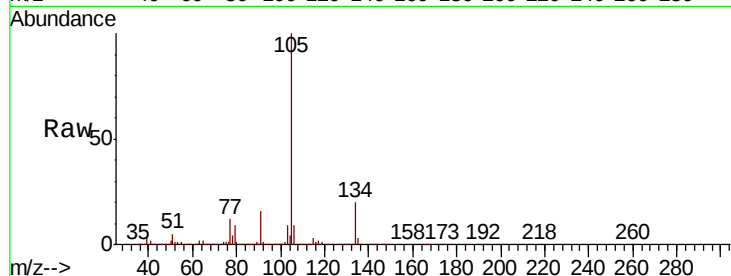
VX1210WBS02

Tot Ion:105 Resp: 566448

Ion Ratio Lower Upper

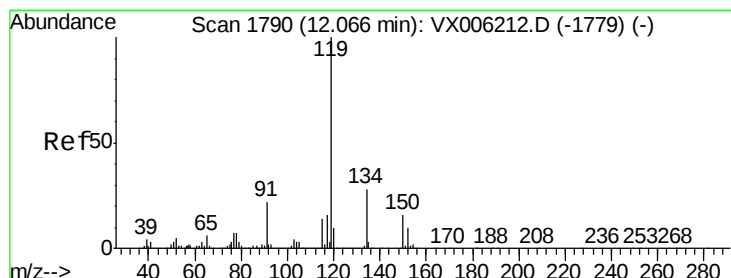
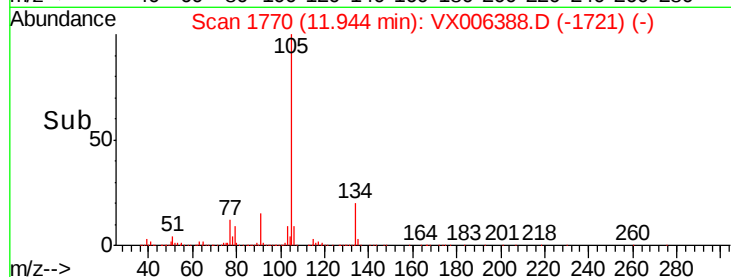
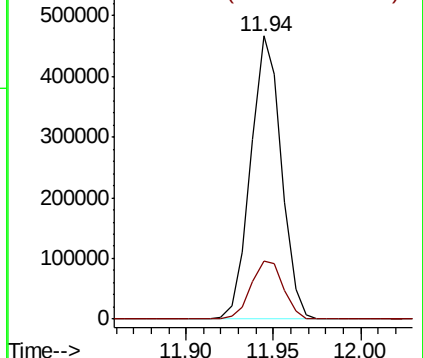
105 100

134 21.8 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.610 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

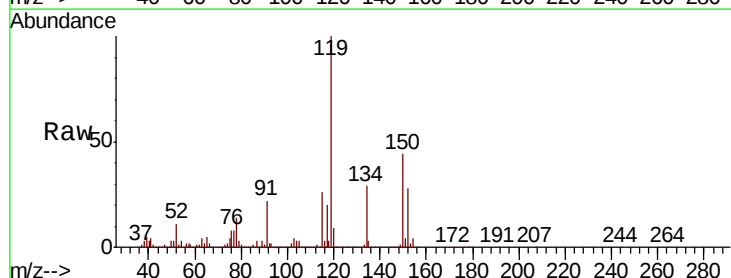
Tgt Ion:119 Resp: 509931

Ion Ratio Lower Upper

119 100

134 27.9 13.9 41.6

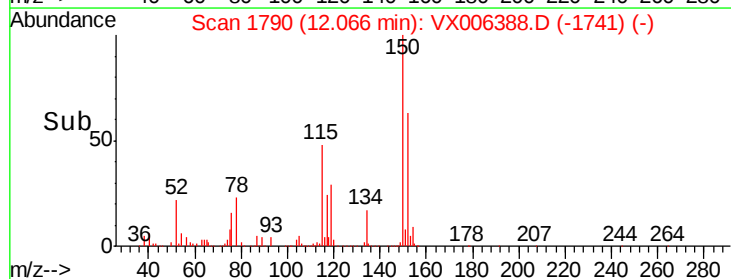
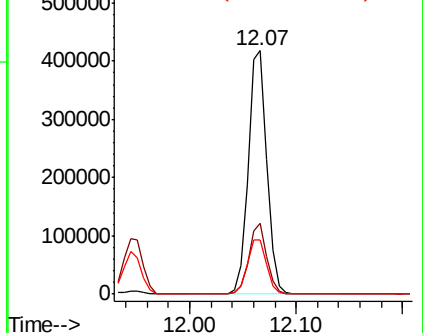
91 23.1 11.3 33.8



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

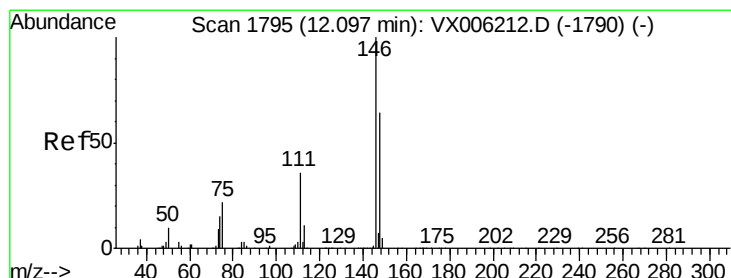
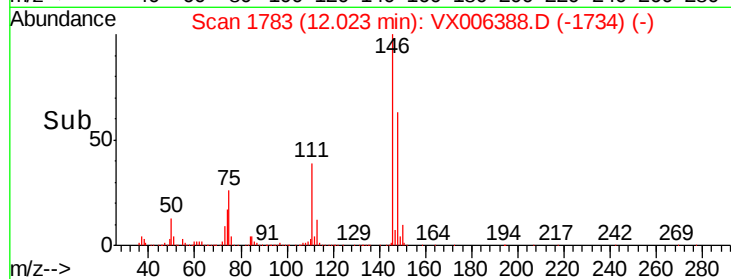
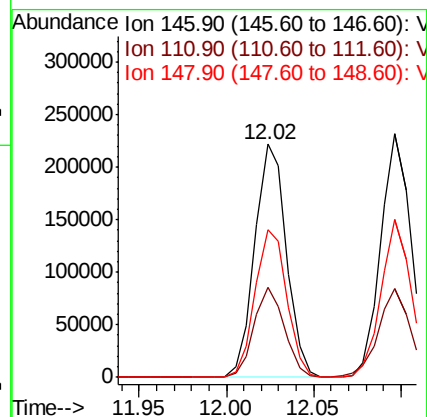
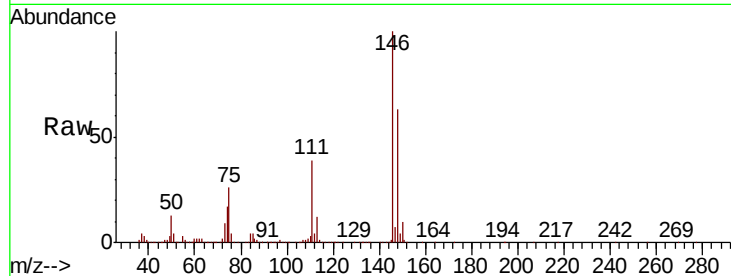




#87
 1,3-Dichlorobenzene
 Concen: 19.771 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006388.D
 Acq: 11 Dec 2018 00:12

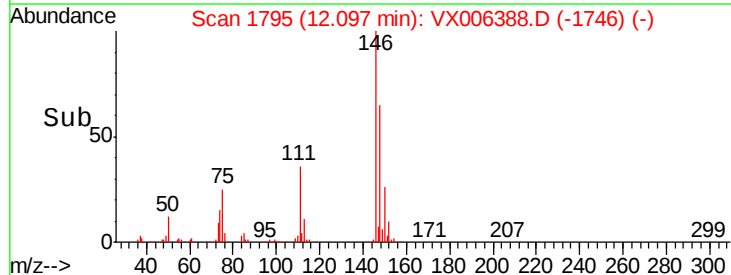
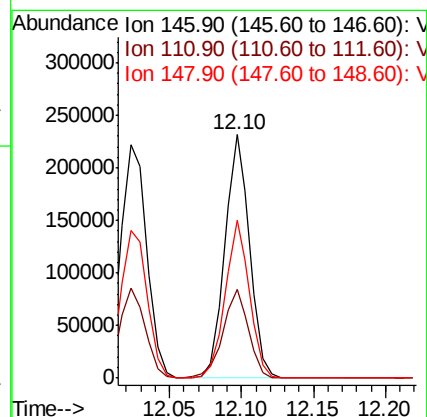
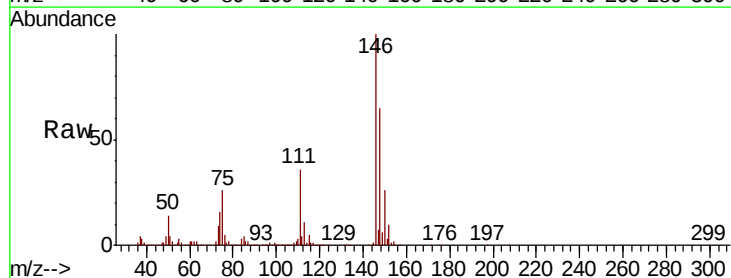
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS02

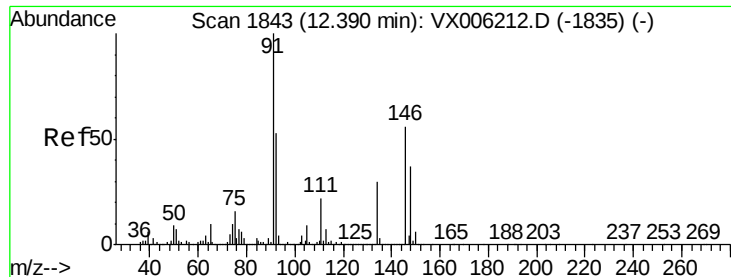
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.4	55.2
148	63.6	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 19.497 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006388.D
 Acq: 11 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.3	54.8
148	63.9	31.9	95.9





#89

n-Butylbenzene

Concen: 18.737 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

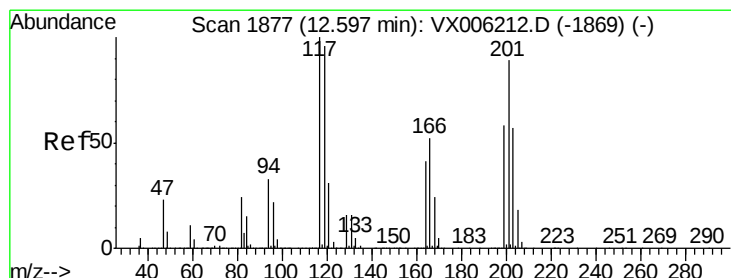
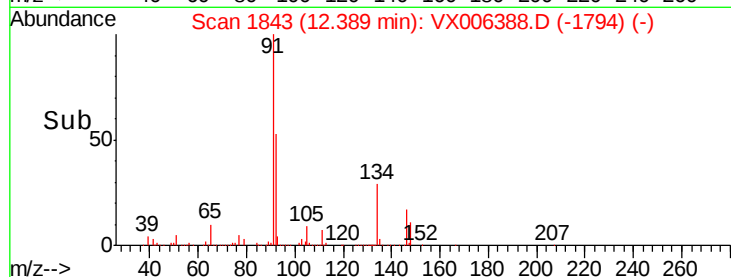
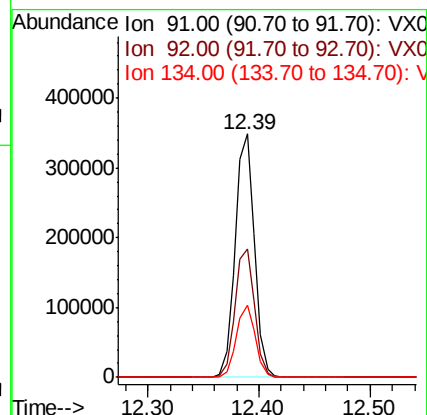
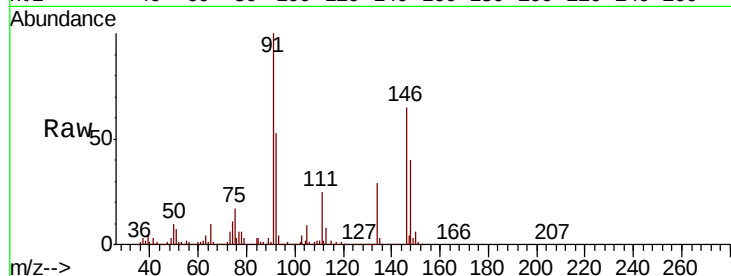
Tot Ion: 91 Resp: 415720

Ion Ratio Lower Upper

91 100

92 53.3 26.6 79.8

134 29.1 14.8 44.3



#90

Hexachloroethane

Concen: 16.677 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX006388.D

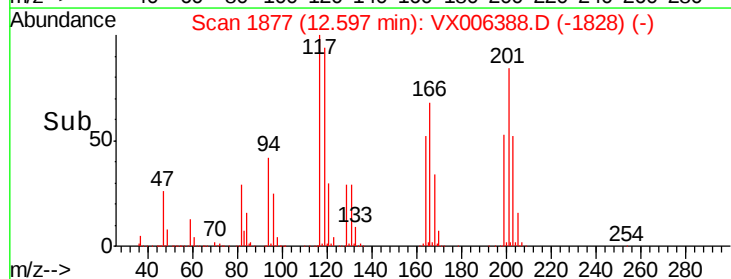
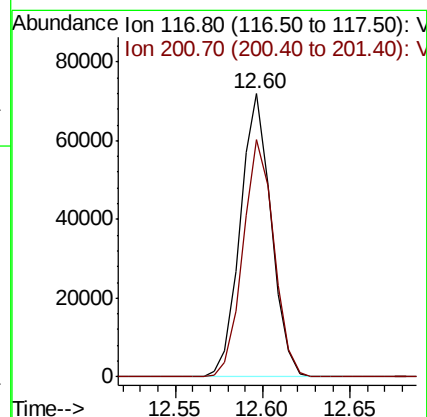
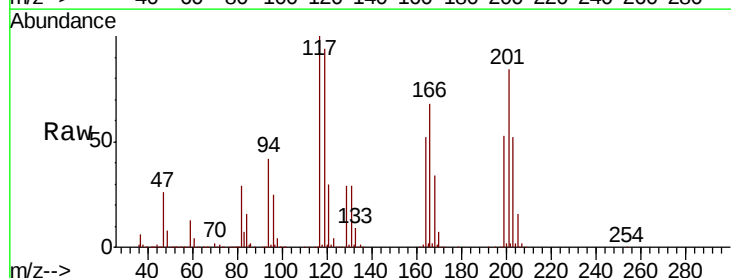
Acq: 11 Dec 2018 00:12

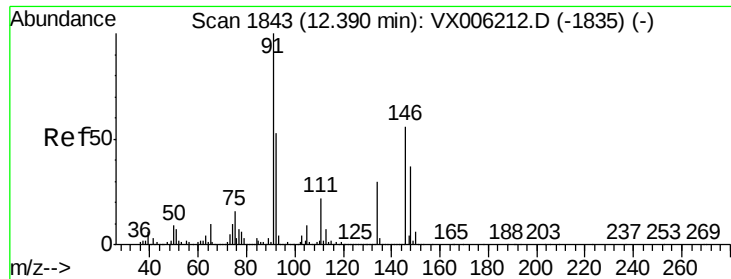
Tgt Ion: 117 Resp: 88383

Ion Ratio Lower Upper

117 100

201 83.8 44.7 134.1

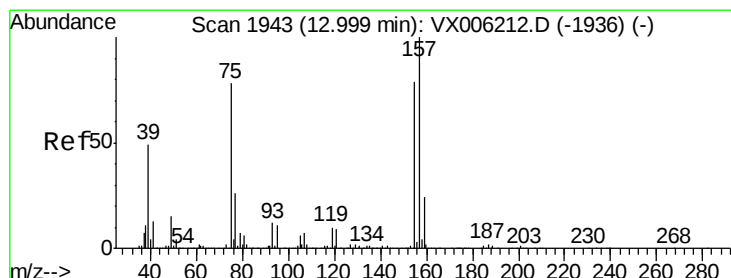
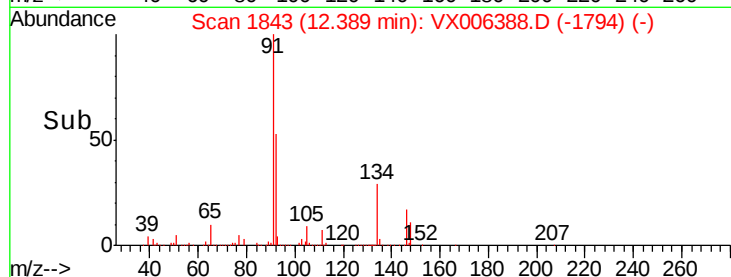
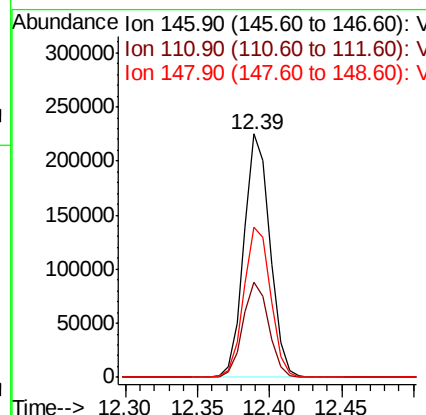
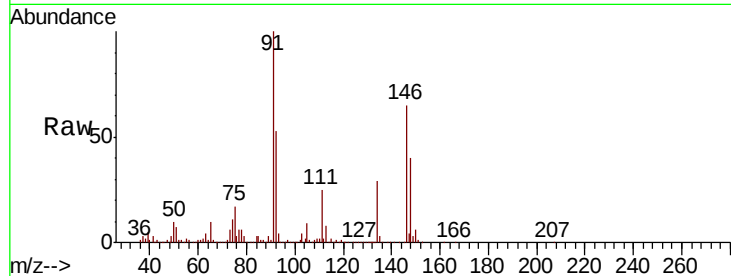




#91
 1,2-Dichlorobenzene
 Concen: 20.138 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006388.D
 Acq: 11 Dec 2018 00:12

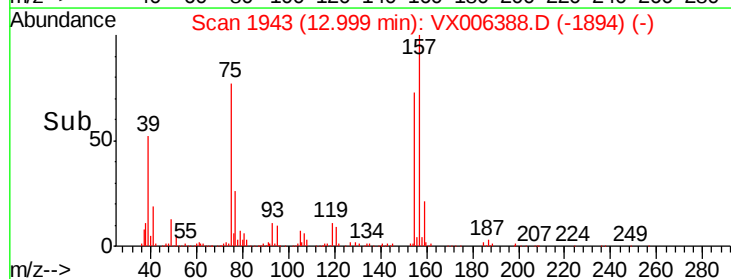
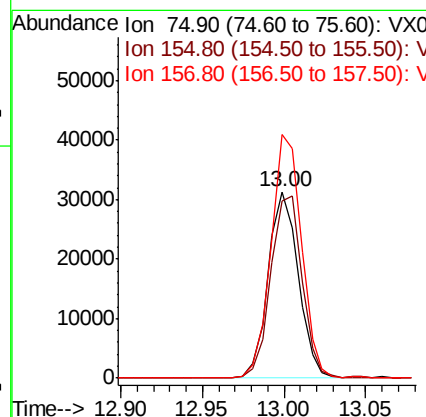
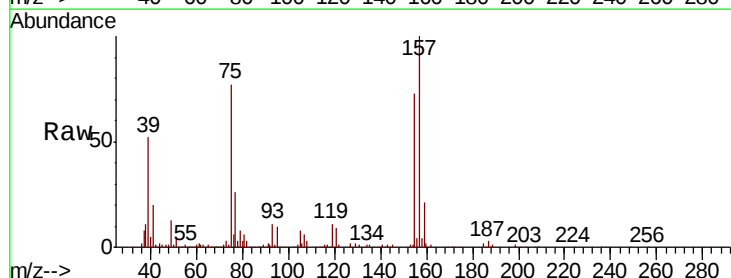
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS02

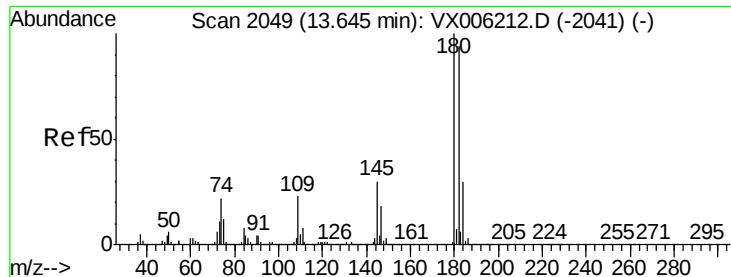
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.1	57.3
148	63.4	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.136 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006388.D
 Acq: 11 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.9	53.4	160.3
157	131.6	68.0	203.8

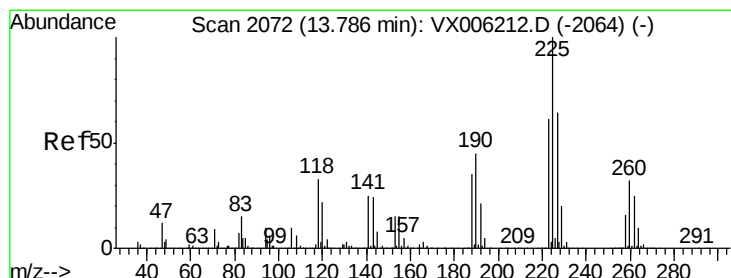
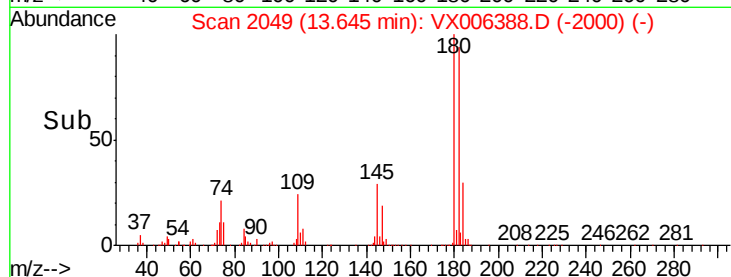
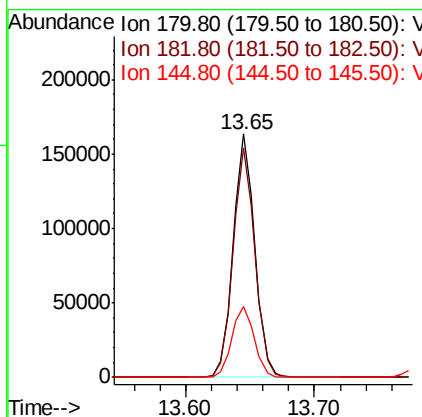
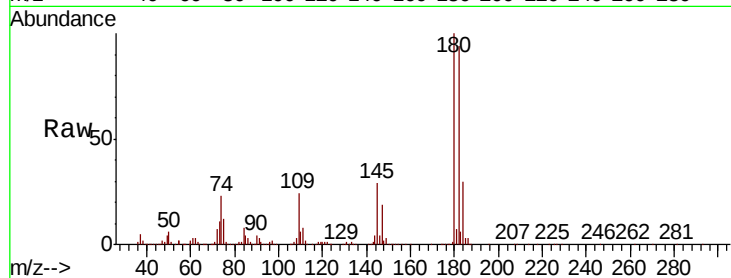




#93
 1,2,4-Trichlorobenzene
 Concen: 18.776 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006388.D
 Acq: 11 Dec 2018 00:12

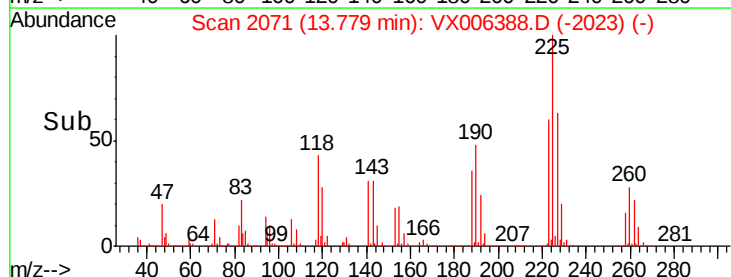
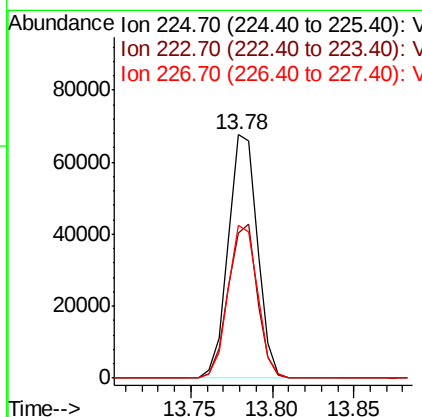
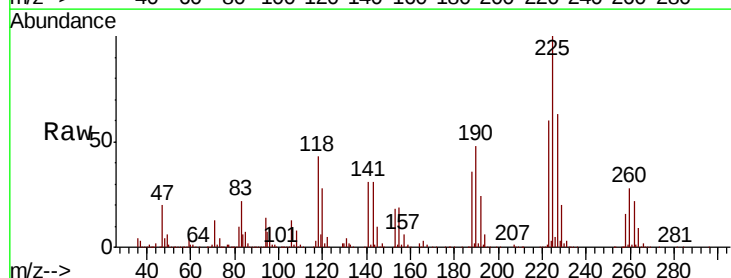
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS02

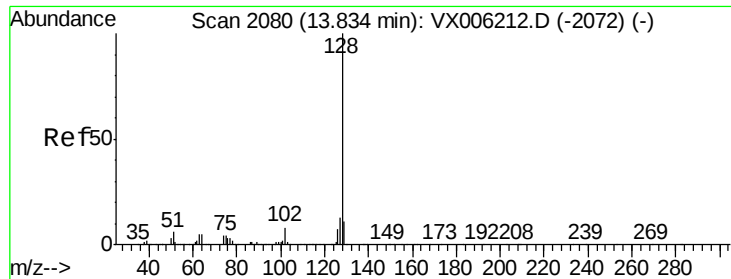
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.3	141.9
145	30.2	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 18.567 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006388.D
 Acq: 11 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.2	93.6
227	63.3	31.9	95.5

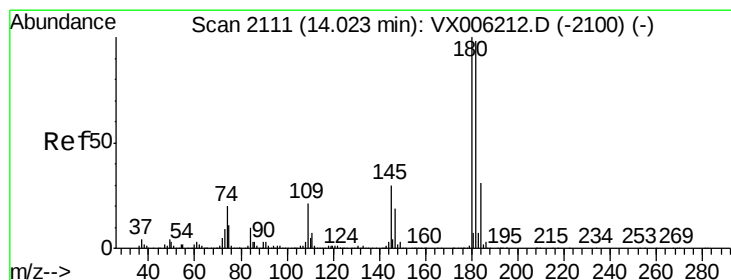
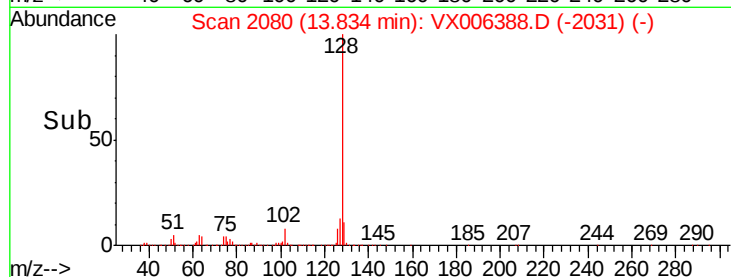
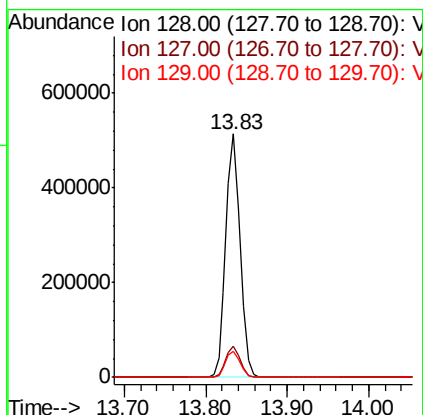
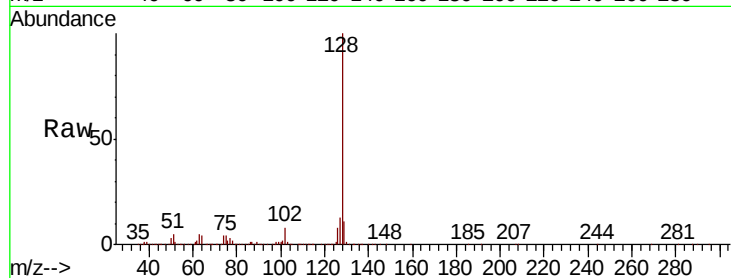




#95
Naphthalene
Concen: 19.679 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006388.D
Acq: 11 Dec 2018 00:12

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

Tot Ion:128 Resp: 625810
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 19.116 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX006388.D
Acq: 11 Dec 2018 00:12

Tgt Ion:180 Resp: 193571
Ion Ratio Lower Upper
180 100
182 95.9 48.4 145.2
145 31.2 15.6 46.8

