

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122418\
 Data File : VX006788.D
 Acq On : 24 Dec 2018 12:12
 Operator : JC/MD
 Sample : VX1224WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBS01

Quant Time: Dec 25 01:18:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	531868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	806222	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	753233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	388838	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	289923	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
35) Dibromofluoromethane	5.51	113	264068	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
50) Toluene-d8	8.71	98	980867	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
62) 4-Bromofluorobenzene	11.13	95	360468	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	88568	18.203	ug/l	97
3) Chloromethane	1.33	50	100583	19.188	ug/l	100
4) Vinyl Chloride	1.41	62	105655	19.298	ug/l	98
5) Bromomethane	1.64	94	106274	19.637	ug/l	98
6) Chloroethane	1.72	64	71338	18.819	ug/l	97
7) Trichlorofluoromethane	1.93	101	168260	19.713	ug/l	100
8) Diethyl Ether	2.19	74	67580	19.934	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	100433	20.040	ug/l	99
10) Methyl Iodide	2.51	142	129348	18.030	ug/l	100
11) Tert butyl alcohol	3.07	59	141737	110.794	ug/l	99
12) 1,1-Dichloroethene	2.38	96	91758	19.309	ug/l	98
13) Acrolein	2.29	56	80276	93.019	ug/l	99
14) Allyl chloride	2.73	41	160780	20.100	ug/l	99
15) Acrylonitrile	3.15	53	302916	106.645	ug/l	100
16) Acetone	2.45	43	268751	102.048	ug/l	98
17) Carbon Disulfide	2.57	76	211758	16.839	ug/l	100
18) Methyl Acetate	2.78	43	176451	22.786	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	328894	20.853	ug/l	96
20) Methylene Chloride	2.86	84	109653	20.135	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	100192	19.029	ug/l	99
22) Diisopropyl ether	3.87	45	310690	21.231	ug/l	99
23) Vinyl Acetate	3.82	43	1232930	103.004	ug/l	99
24) 1,1-Dichloroethane	3.70	63	174037	19.923	ug/l	99
25) 2-Butanone	4.70	43	392180	105.867	ug/l	99
26) 2,2-Dichloropropane	4.59	77	120227	17.817	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	117637	20.250	ug/l	99
28) Bromochloromethane	5.02	49	83888	21.733	ug/l	98
29) Tetrahydrofuran	5.15	42	259787	106.476	ug/l	100
30) Chloroform	5.21	83	183122	20.243	ug/l	98
31) Cyclohexane	5.57	56	151901	19.141	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	151583	19.845	ug/l	97
36) 1,1-Dichloropropene	5.80	75	130222	19.502	ug/l	99
37) Ethyl Acetate	4.85	43	148369	21.348	ug/l	99
38) Carbon Tetrachloride	5.79	117	129781	19.999	ug/l	89

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Instrument :
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 VX1224WBS01

Quant Time: Dec 25 01:18:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	164603	18.724	ug/l	96
40) Benzene	6.14	78	414489	20.421	ug/l	99
41) Methacrylonitrile	5.06	41	81401	22.061	ug/l	97
42) 1,2-Dichloroethane	6.20	62	142897	20.661	ug/l	99
43) Isopropyl Acetate	6.46	43	221943	20.988	ug/l	98
44) Trichloroethene	7.21	130	120480	19.612	ug/l	99
45) 1,2-Dichloropropane	7.52	63	101842	20.619	ug/l	98
46) Dibromomethane	7.66	93	73009	20.096	ug/l	100
47) Bromodichloromethane	7.90	83	124534	20.646	ug/l	97
48) Methyl methacrylate	7.77	41	117573	21.864	ug/l	99
49) 1,4-Dioxane	7.75	88	62059	429.738	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	761974	113.249	ug/l	100
52) Toluene	8.78	92	272886	20.811	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	125211	19.356	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	145779	20.538	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	116883	21.777	ug/l	96
56) Ethyl methacrylate	9.18	69	163919	21.608	ug/l	97
57) 1,3-Dichloropropane	9.37	76	180896	20.948	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	421030	104.411	ug/l	100
59) 2-Hexanone	9.49	43	584779	113.594	ug/l	99
60) Dibromochloromethane	9.59	129	103101	19.837	ug/l	100
61) 1,2-Dibromoethane	9.67	107	118789	20.820	ug/l	98
64) Tetrachloroethene	9.34	164	112202	18.812	ug/l	98
65) Chlorobenzene	10.14	112	322412	20.233	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	105781	21.276	ug/l	99
67) Ethyl Benzene	10.25	91	520403	19.985	ug/l	100
68) m/p-Xylenes	10.36	106	410121	39.914	ug/l	98
69) o-Xylene	10.70	106	207112	20.412	ug/l	100
70) Styrene	10.71	104	326493	20.339	ug/l	99
71) Bromoform	10.86	173	73943	19.477	ug/l #	100
73) Isopropylbenzene	11.02	105	540453	20.317	ug/l	100
74) N-amyl acetate	10.90	43	206627	21.701	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	177686	22.460	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	180293	24.950	ug/l	89
77) Bromobenzene	11.26	156	147634	20.528	ug/l	99
78) n-propylbenzene	11.36	91	590250	20.150	ug/l	100
79) 2-Chlorotoluene	11.42	91	358858	20.215	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	452257	20.641	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	36701	18.380	ug/l	89
82) 4-Chlorotoluene	11.51	91	409090	20.090	ug/l	99
83) tert-Butylbenzene	11.77	119	456215	20.804	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	462941	20.088	ug/l	99
85) sec-Butylbenzene	11.94	105	535558	19.919	ug/l	99
86) p-Isopropyltoluene	12.06	119	482746	20.426	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	258924	19.977	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	261575	19.686	ug/l	98
89) n-Butylbenzene	12.38	91	399251	19.850	ug/l	99
90) Hexachloroethane	12.60	117	67236	20.274	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	264091	20.368	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	33093	20.216	ug/l	99

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ClientSampleId :
VX1224WBS01

Quant Time: Dec 25 01:18:08 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

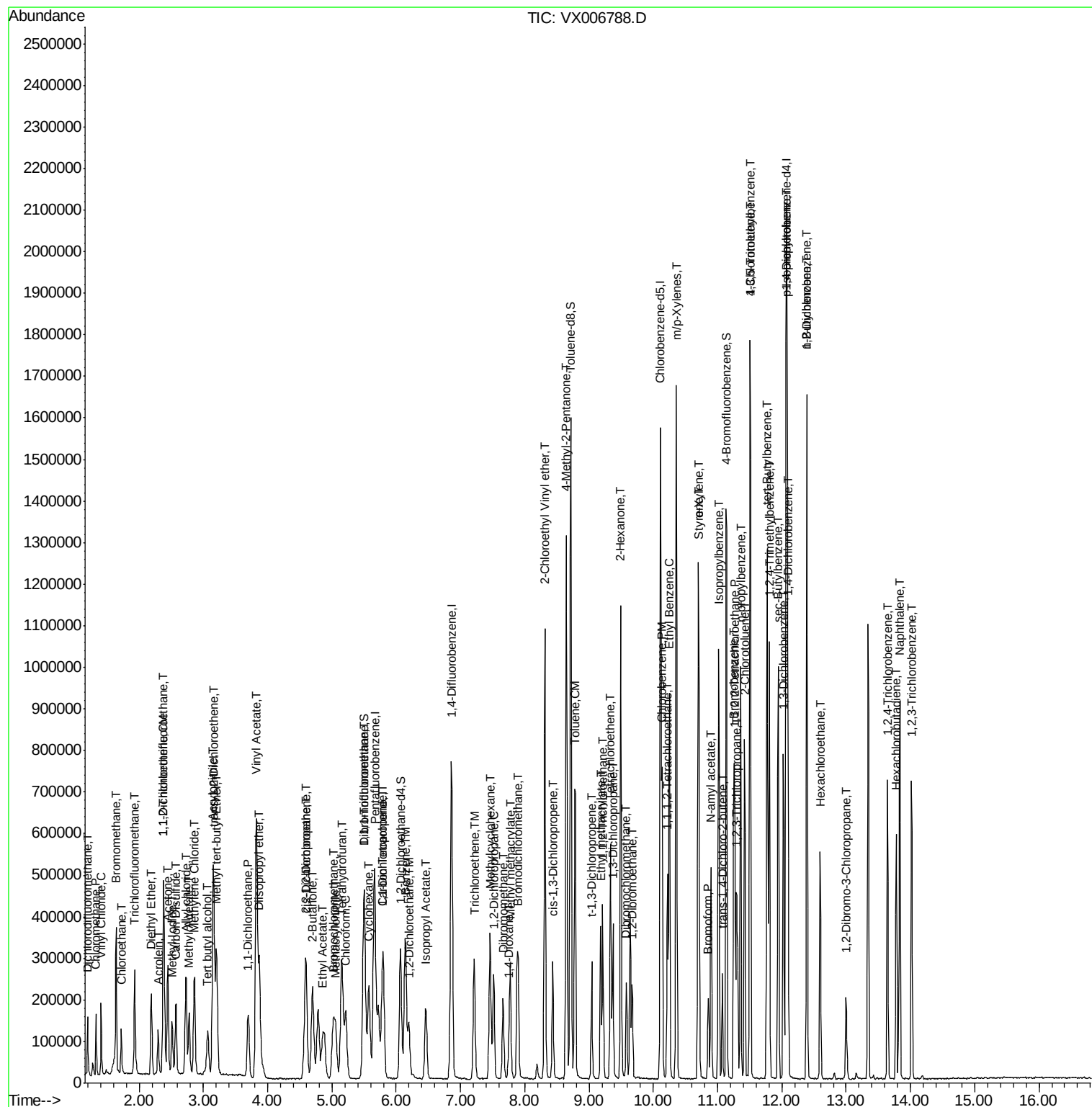
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	175972	19.675	ug/l	99
94) Hexachlorobutadiene	13.78	225	85883	20.373	ug/l	97
95) Naphthalene	13.83	128	566072	19.831	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	180496	19.546	ug/l	99

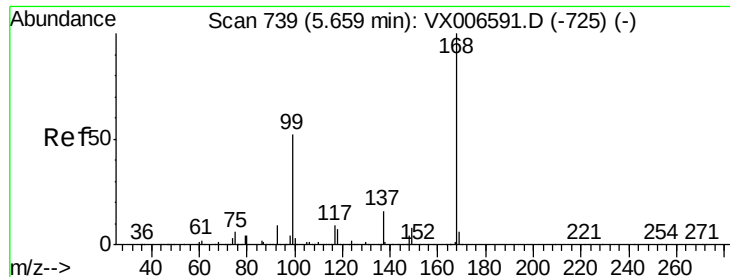
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

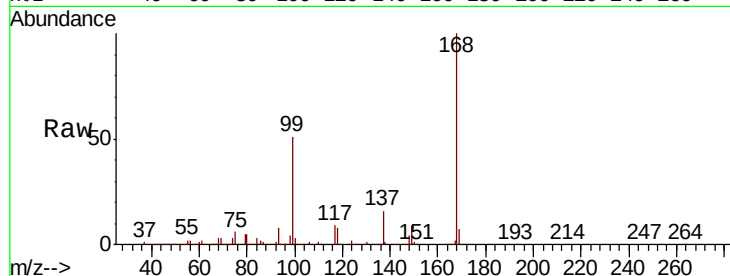
VX1224WBS01

Tot Ion:168 Resp: 531868

Ion Ratio Lower Upper

168 100

99 50.7 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

150000

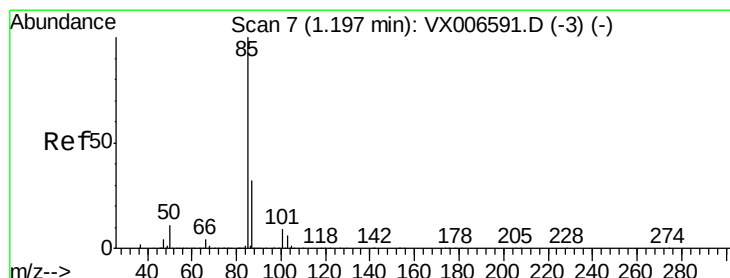
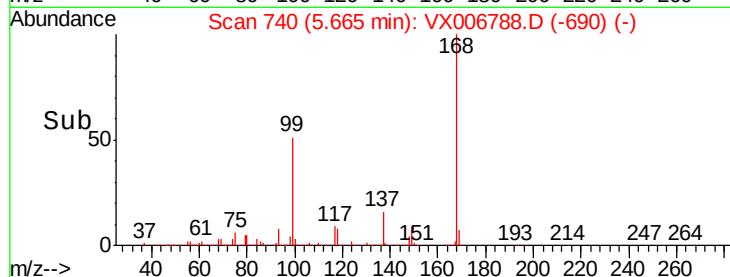
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.203 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006788.D

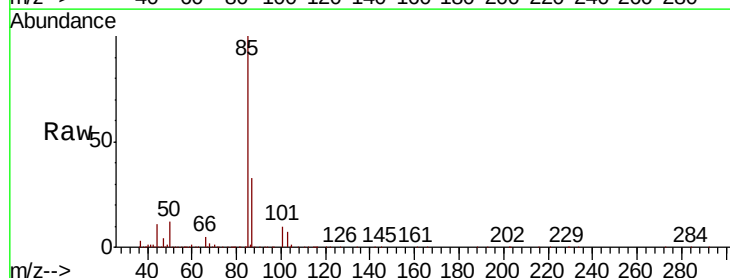
Acq: 24 Dec 2018 12:12

Tgt Ion: 85 Resp: 88568

Ion Ratio Lower Upper

85 100

87 33.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

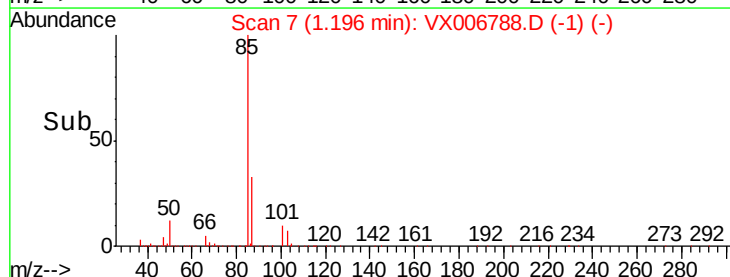
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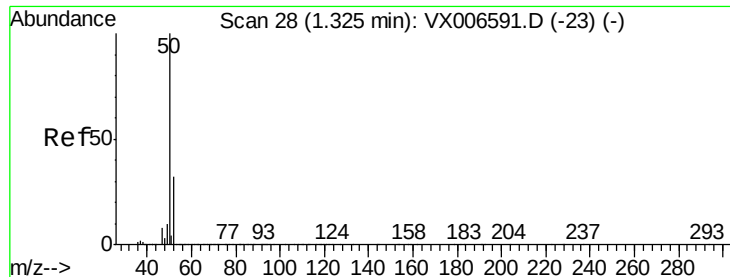
20000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 19.188 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

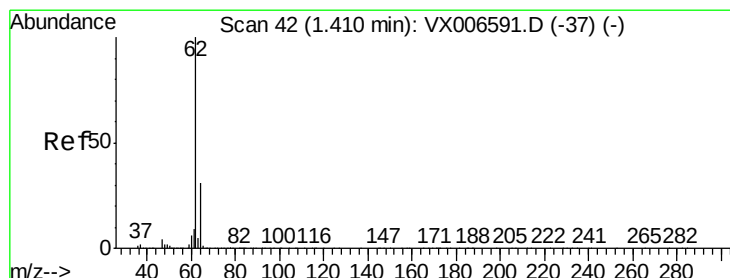
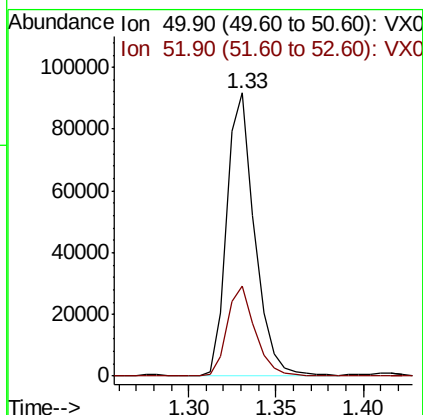
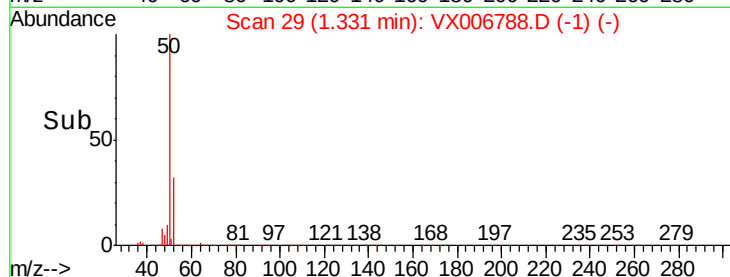
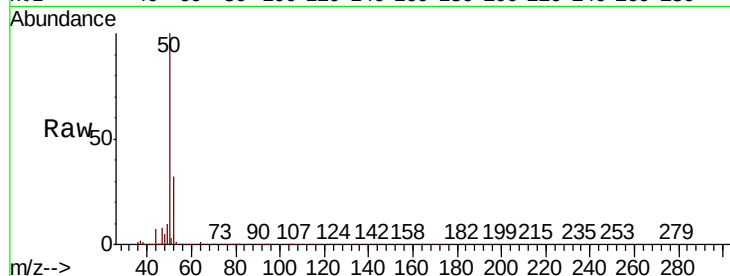
VX1224WBS01

Tot Ion: 50 Resp: 100583

Ion Ratio Lower Upper

50 100

52 31.5 25.4 38.2



#4

Vinyl Chloride

Concen: 19.298 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006788.D

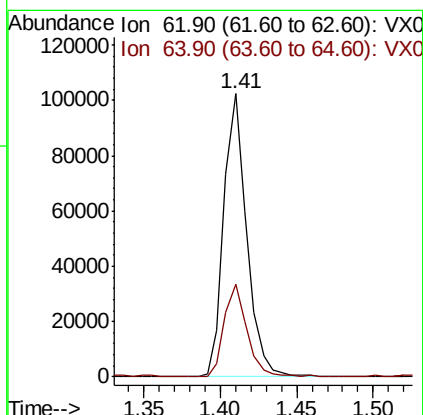
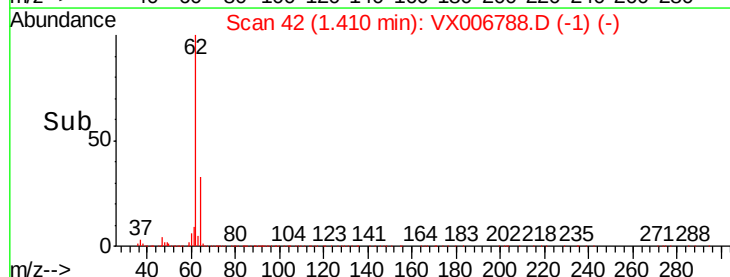
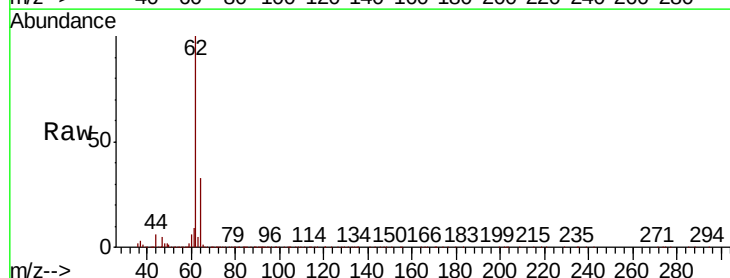
Acq: 24 Dec 2018 12:12

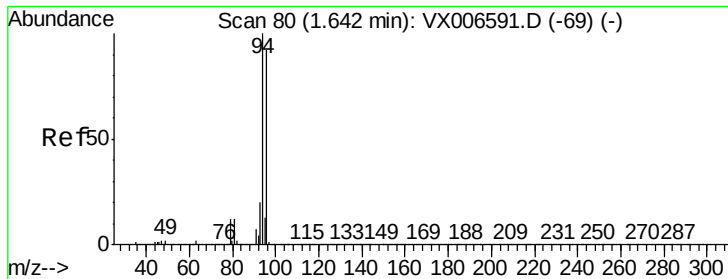
Tgt Ion: 62 Resp: 105655

Ion Ratio Lower Upper

62 100

64 32.7 25.1 37.7





#5

Bromomethane

Concen: 19.637 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

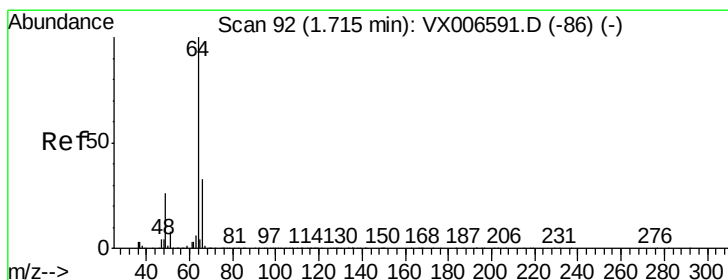
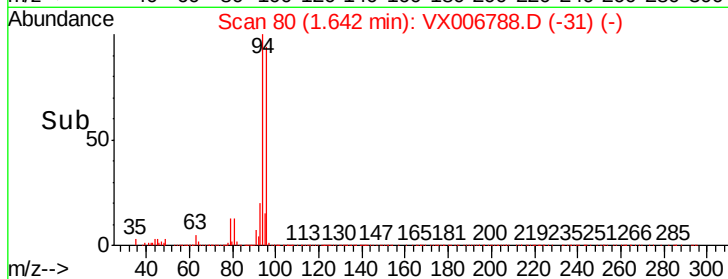
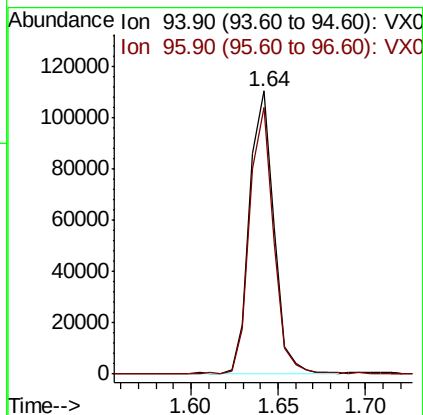
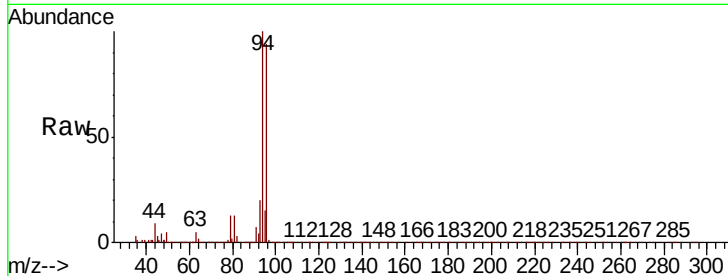
VX1224WBS01

Tot Ion: 94 Resp: 106274

Ion Ratio Lower Upper

94 100

96 94.0 73.4 110.2



#6

Chloroethane

Concen: 18.819 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006788.D

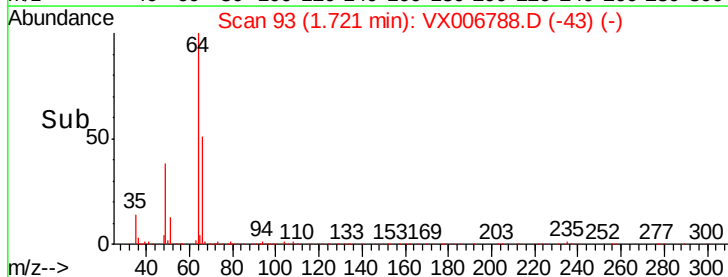
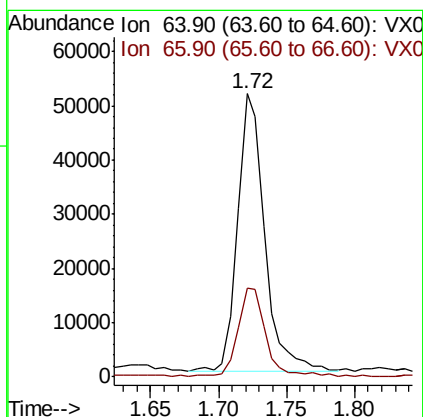
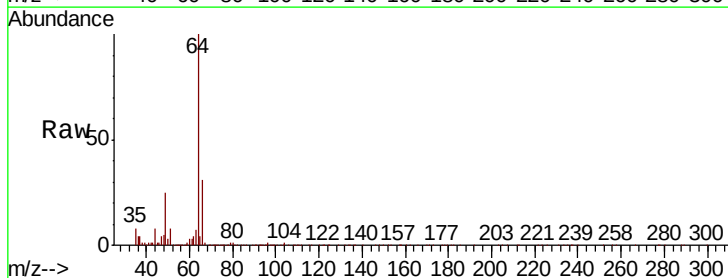
Acq: 24 Dec 2018 12:12

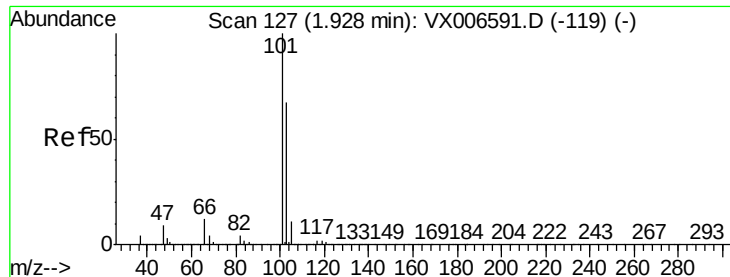
Tgt Ion: 64 Resp: 71338

Ion Ratio Lower Upper

64 100

66 31.4 26.4 39.6



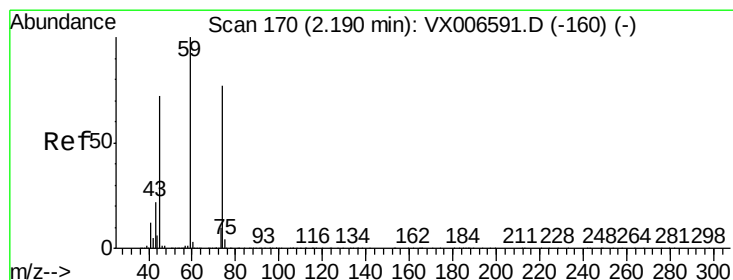
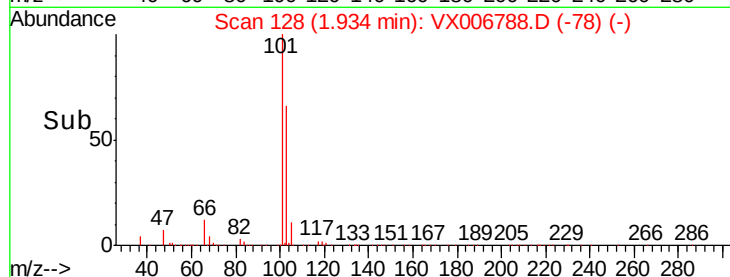
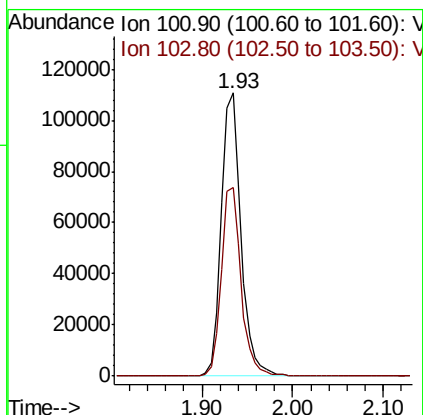
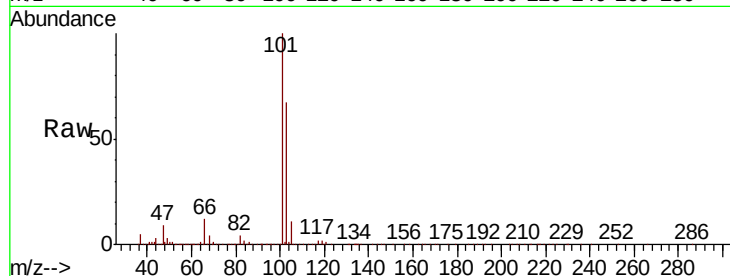


#7

Trichlorofluoromethane
Concen: 19.713 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

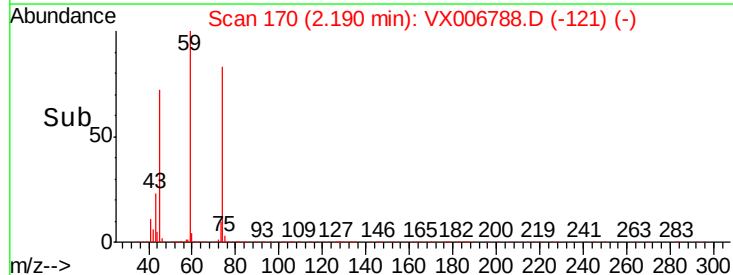
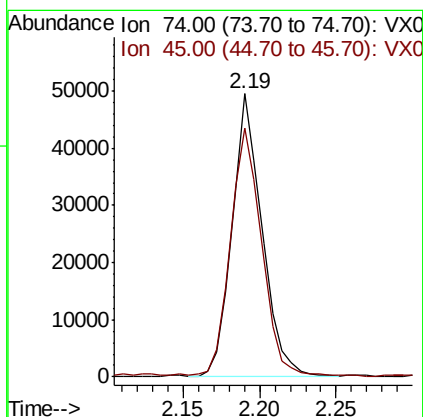
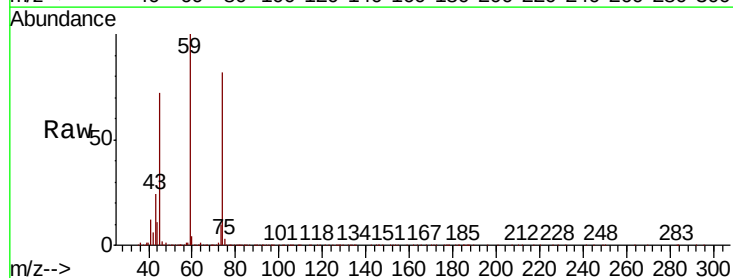
Tot Ion:101 Resp: 168260
Ion Ratio Lower Upper
101 100
103 66.6 53.2 79.8

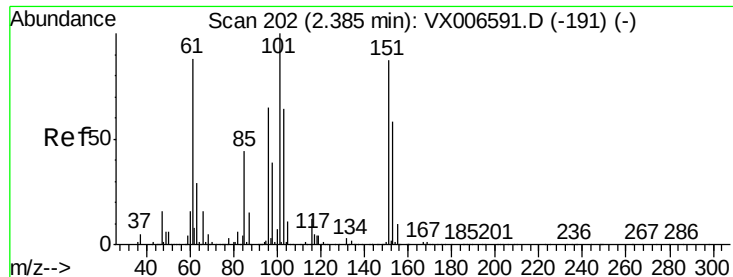


#8

Diethyl Ether
Concen: 19.934 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

Tgt Ion: 74 Resp: 67580
Ion Ratio Lower Upper
74 100
45 90.3 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.040 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

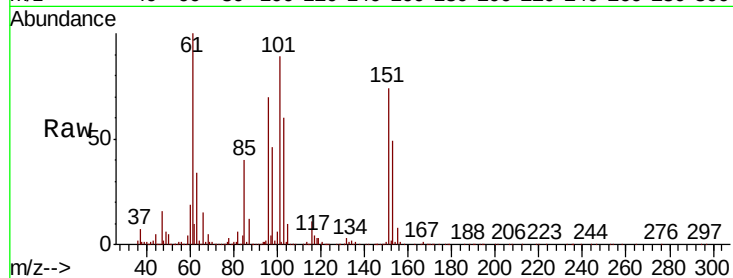
Tot Ion:101 Resp: 100433

Ion Ratio Lower Upper

101 100

85 43.8 35.1 52.7

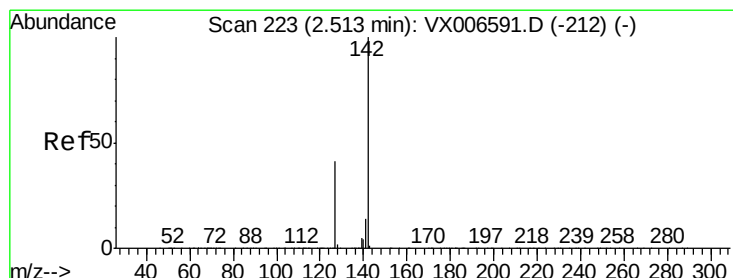
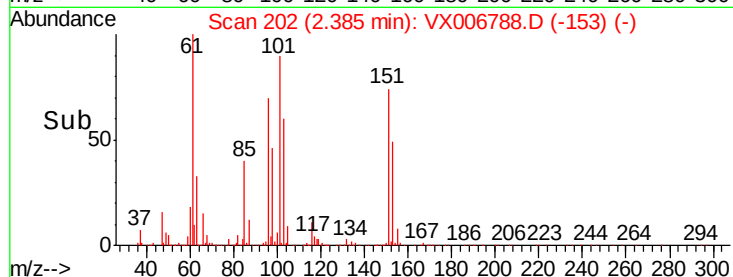
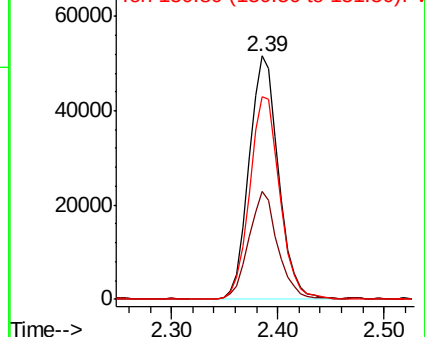
151 85.2 68.9 103.3



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: 18.030 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

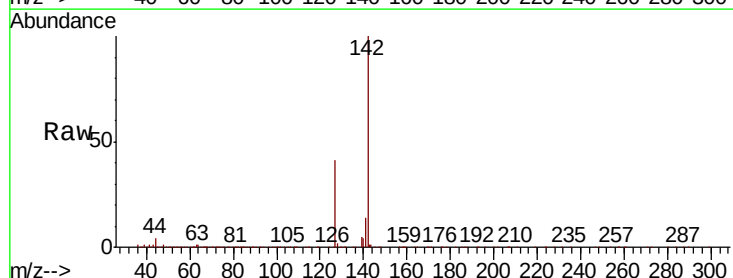
Tgt Ion:142 Resp: 129348

Ion Ratio Lower Upper

142 100

127 42.1 33.9 50.9

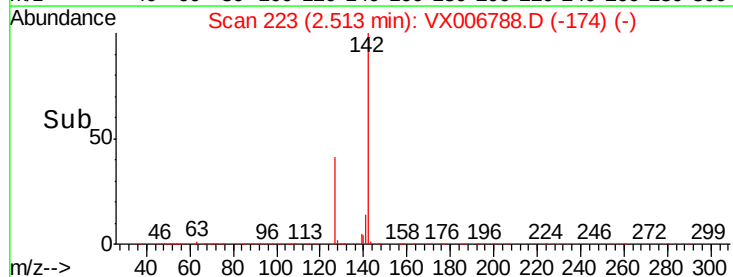
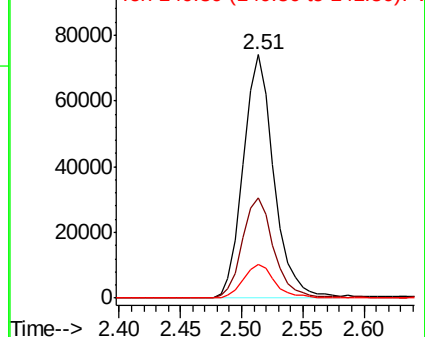
141 14.4 11.4 17.0

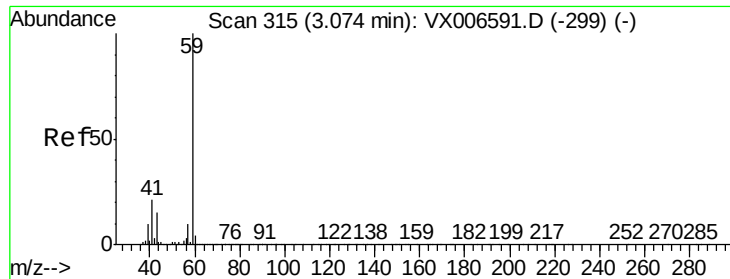


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



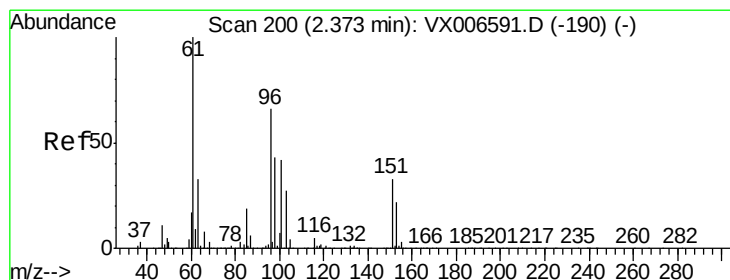
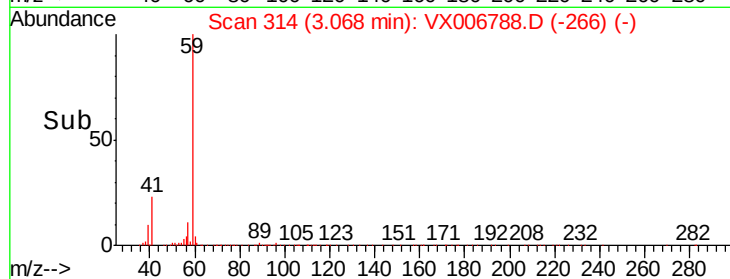
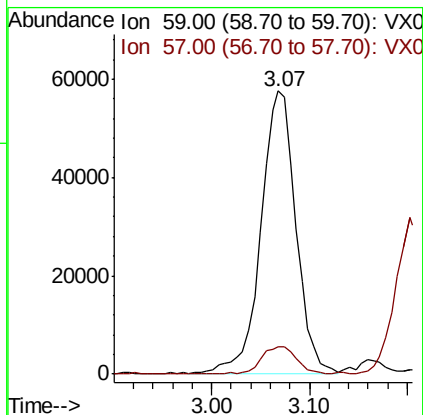
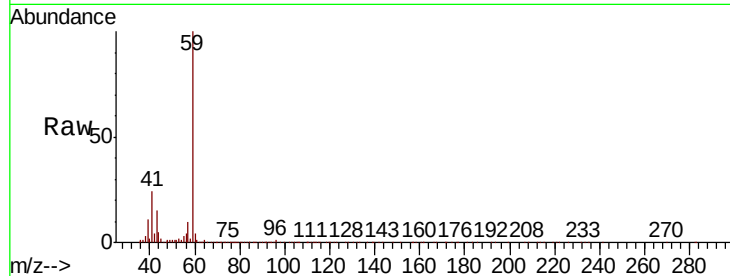


#11

Tert butyl alcohol
 Concen: 110.794 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX006788.D
 Acq: 24 Dec 2018 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBS01

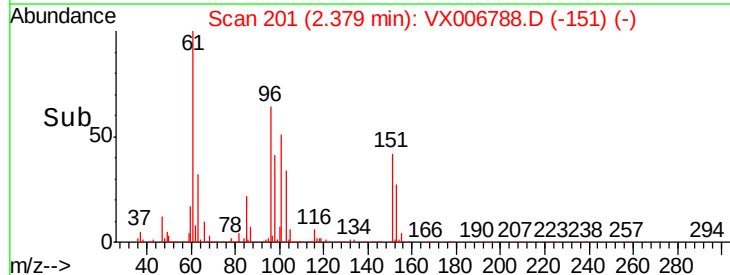
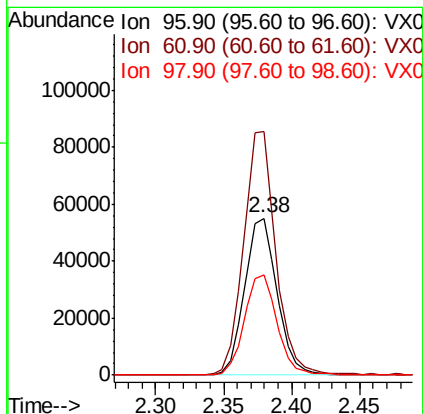
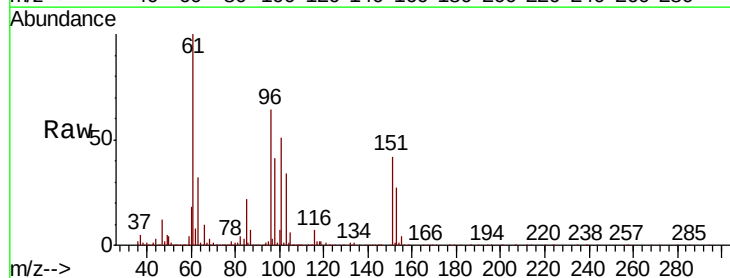
Tot Ion: 59 Resp: 141737
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.5 12.7

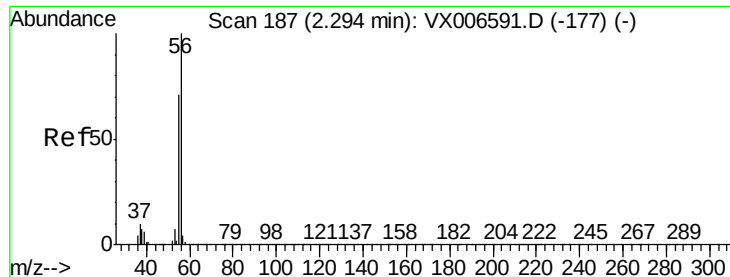


#12

1,1-Dichloroethene
 Concen: 19.309 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX006788.D
 Acq: 24 Dec 2018 12:12

Tgt Ion: 96 Resp: 91758
 Ion Ratio Lower Upper
 96 100
 61 155.4 121.4 182.2
 98 64.4 51.9 77.9





#13

Acrolein

Concen: 93.019 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampled :

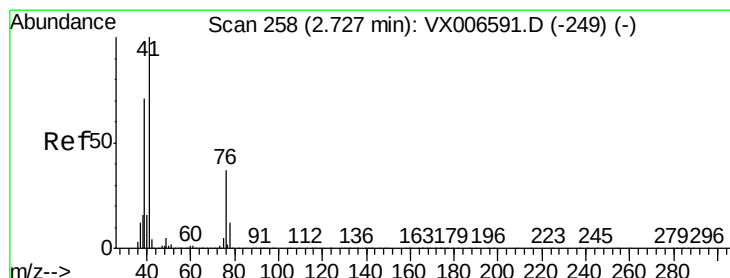
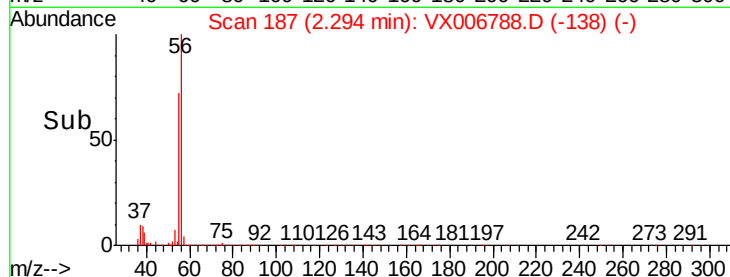
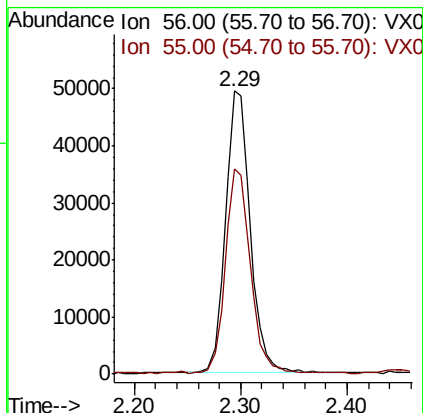
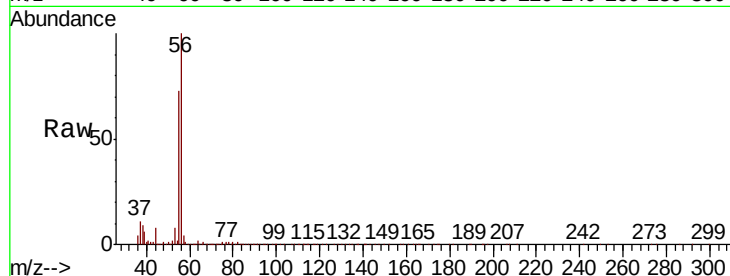
VX1224WBS01

Tot Ion: 56 Resp: 80276

Ion Ratio Lower Upper

56 100

55 73.6 58.2 87.4



#14

Allyl chloride

Concen: 20.100 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

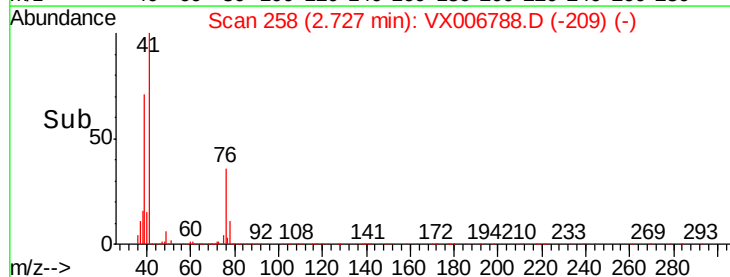
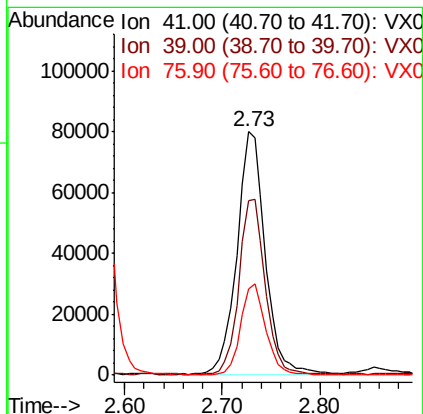
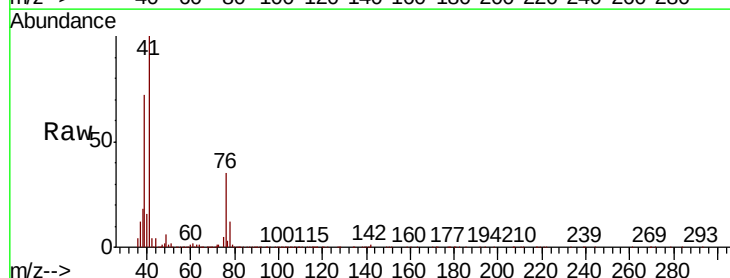
Tgt Ion: 41 Resp: 160780

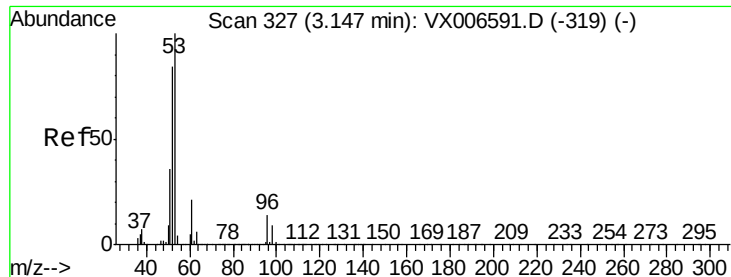
Ion Ratio Lower Upper

41 100

39 66.5 53.6 80.4

76 32.5 27.4 41.2





#15

Acrylonitrile

Concen: 106.645 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

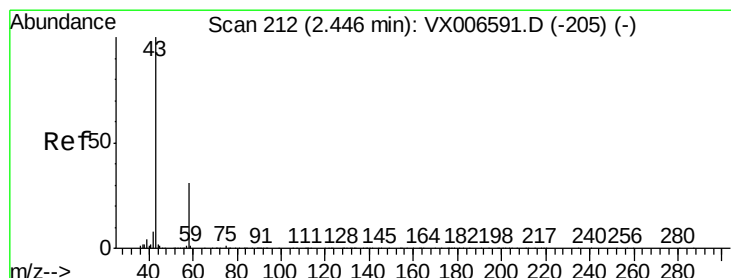
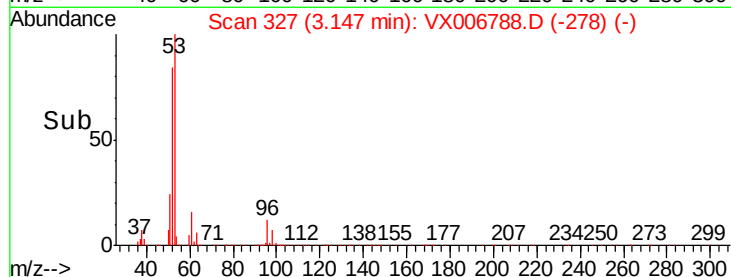
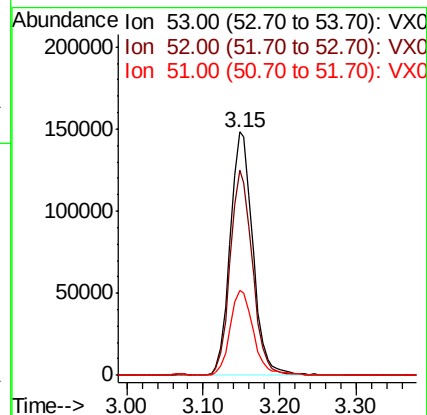
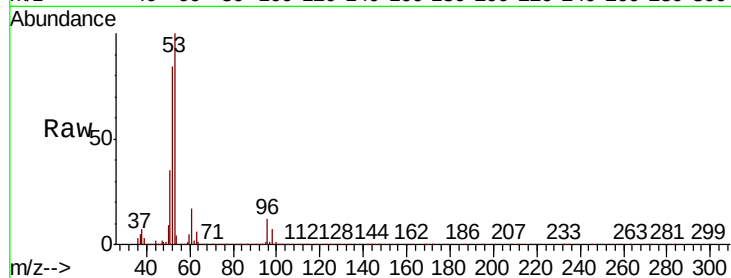
Tot Ion: 53 Resp: 302916

Ion Ratio Lower Upper

53 100

52 82.7 66.0 99.0

51 35.9 28.6 42.8



#16

Acetone

Concen: 102.048 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006788.D

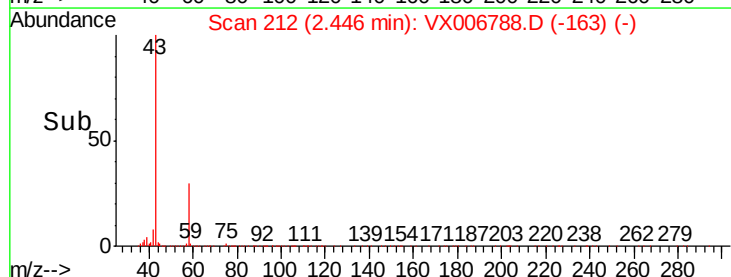
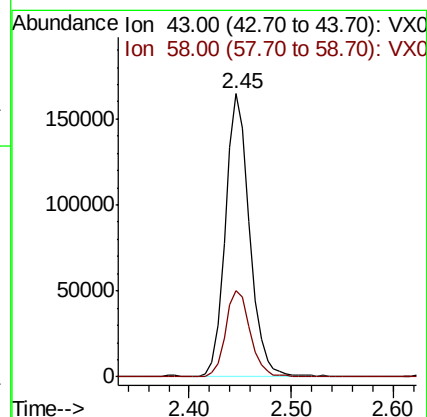
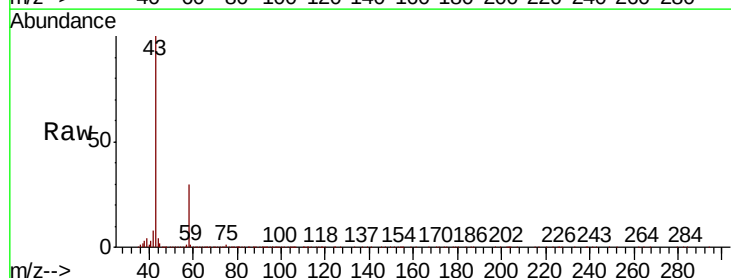
Acq: 24 Dec 2018 12:12

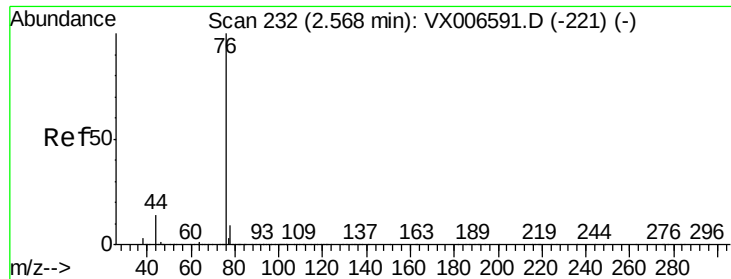
Tgt Ion: 43 Resp: 268751

Ion Ratio Lower Upper

43 100

58 30.3 25.0 37.6





#17

Carbon Disulfide

Concen: 16.839 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

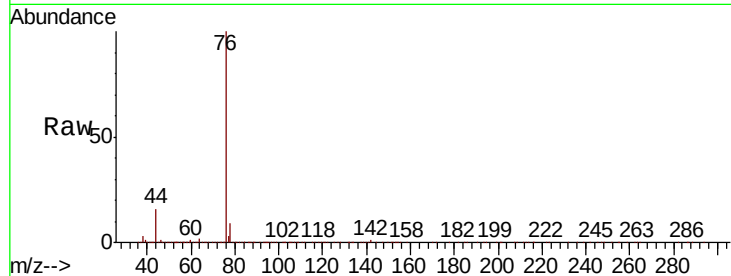
VX1224WBS01

Tot Ion: 76 Resp: 211758

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

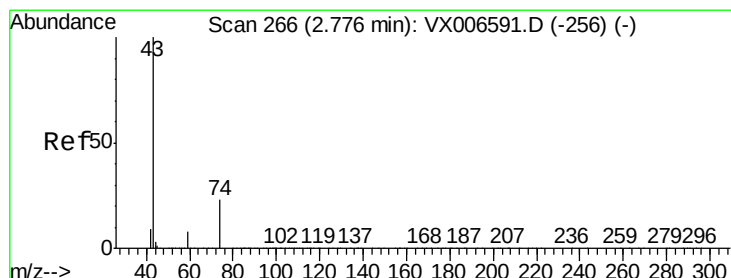
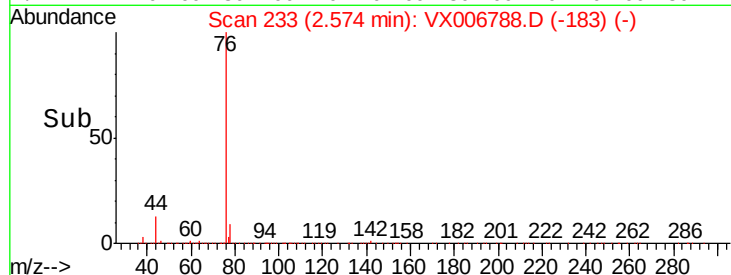
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 22.786 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX006788.D

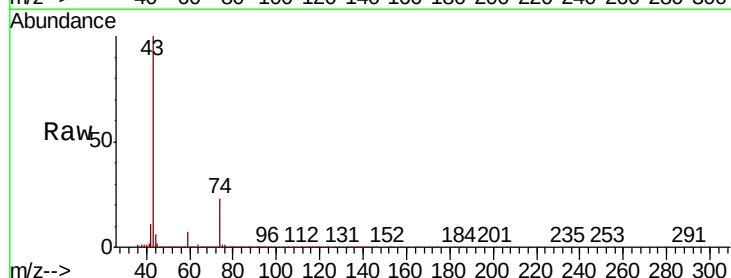
Acq: 24 Dec 2018 12:12

Tgt Ion: 43 Resp: 176451

Ion Ratio Lower Upper

43 100

74 24.3 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

100000

80000

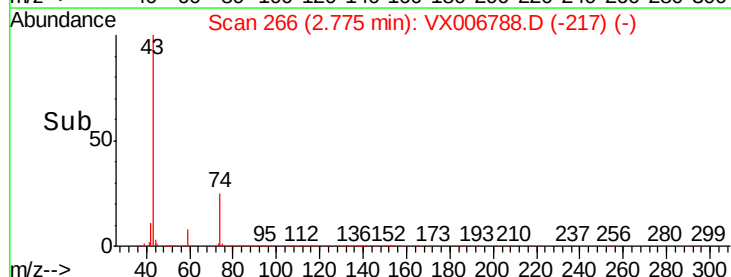
60000

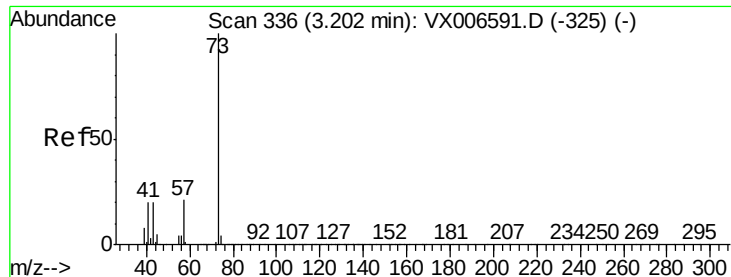
40000

20000

0

Time-->



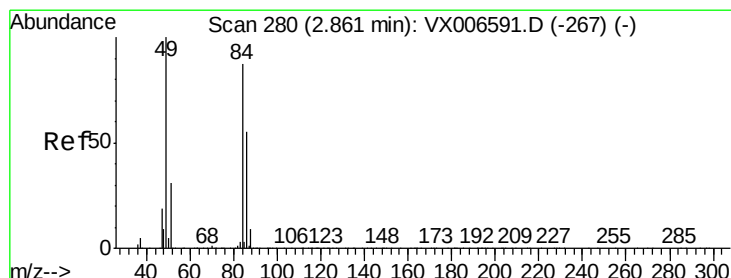
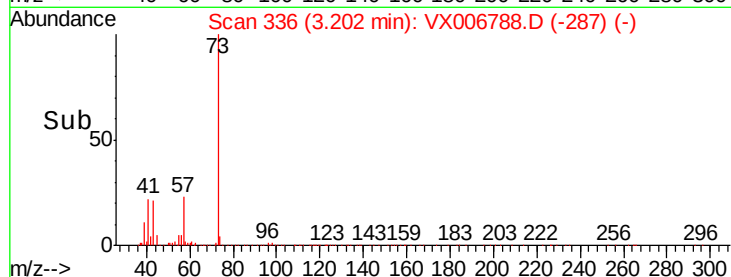
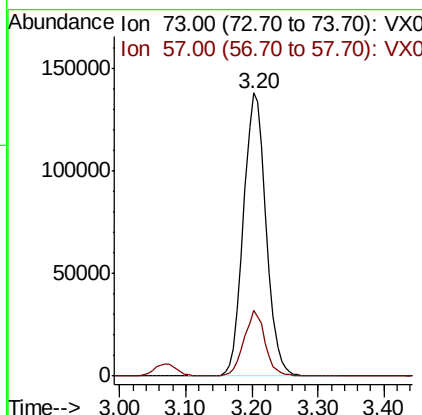
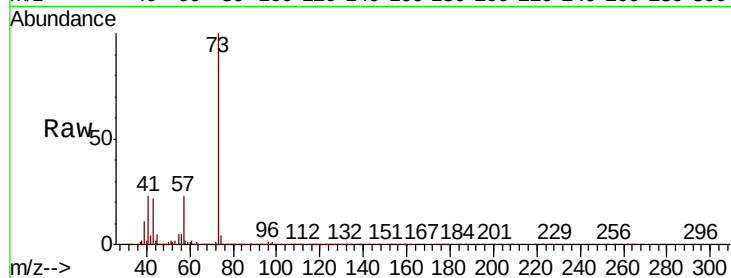


#19

Methyl tert-butyl Ether
 Concen: 20.853 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX006788.D
 Acq: 24 Dec 2018 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBS01

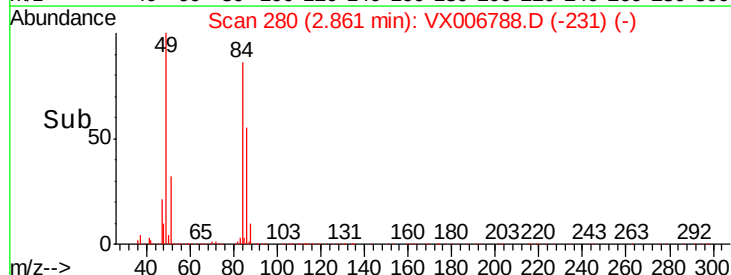
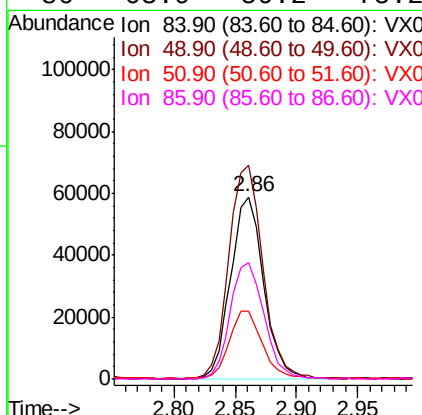
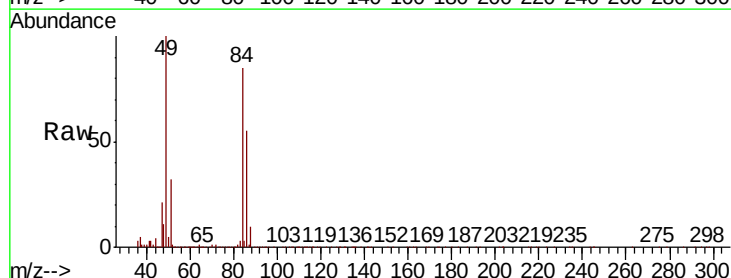
Tot Ion: 73 Resp: 328894
 Ion Ratio Lower Upper
 73 100
 57 23.0 16.8 25.2

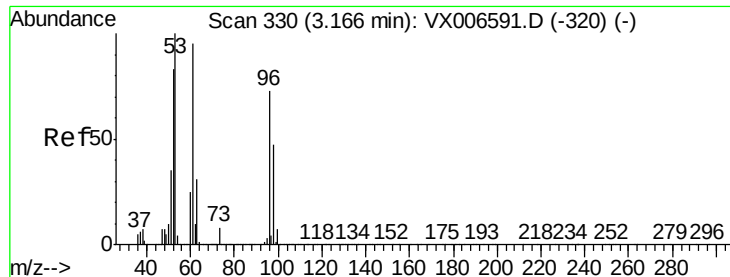


#20

Methylene Chloride
 Concen: 20.135 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX006788.D
 Acq: 24 Dec 2018 12:12

Tgt Ion: 84 Resp: 109653
 Ion Ratio Lower Upper
 84 100
 49 116.8 91.8 137.6
 51 37.0 28.5 42.7
 86 63.9 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 19.029 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

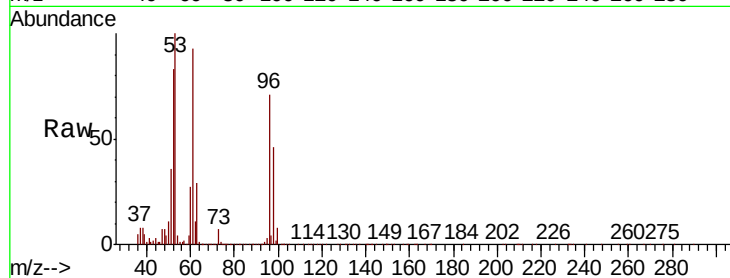
Tot Ion: 96 Resp: 100192

Ion Ratio Lower Upper

96 100

61 130.7 103.7 155.5

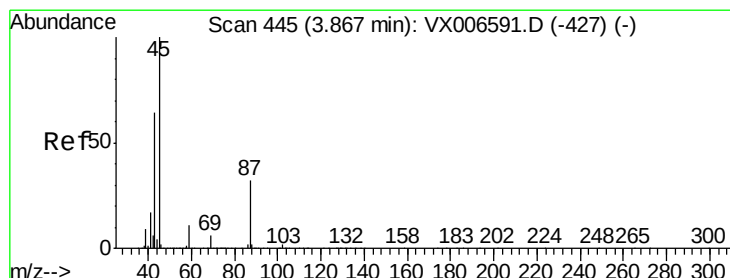
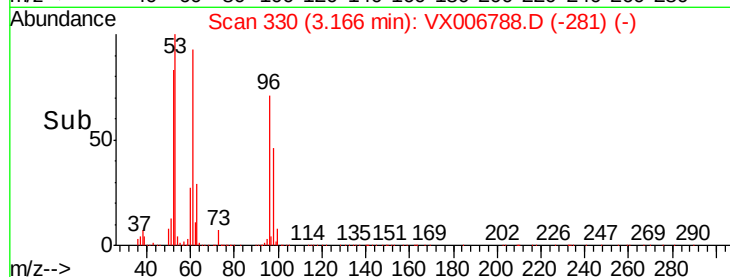
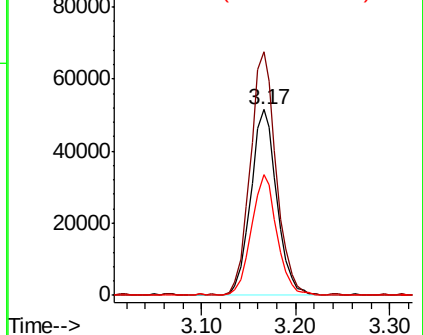
98 64.7 51.0 76.6



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: 21.231 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Tgt Ion: 45 Resp: 310690

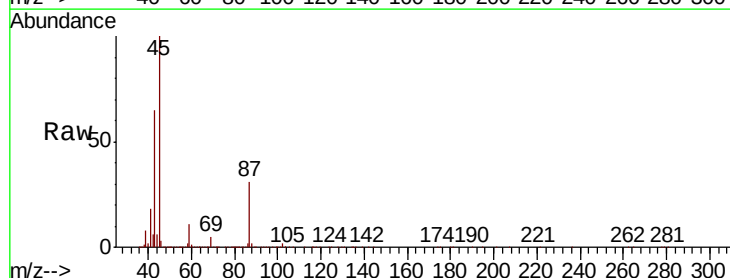
Ion Ratio Lower Upper

45 100

43 64.6 51.2 76.8

87 31.3 25.8 38.6

59 11.3 9.0 13.4

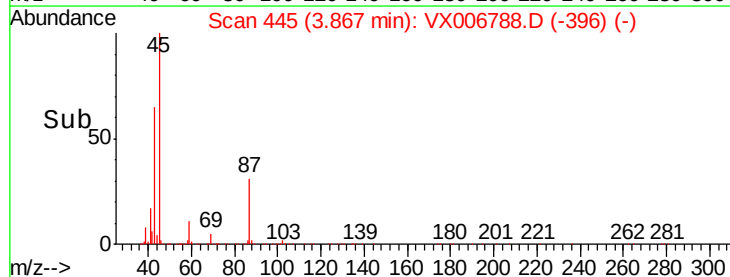
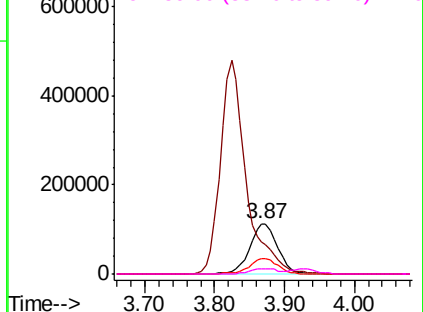


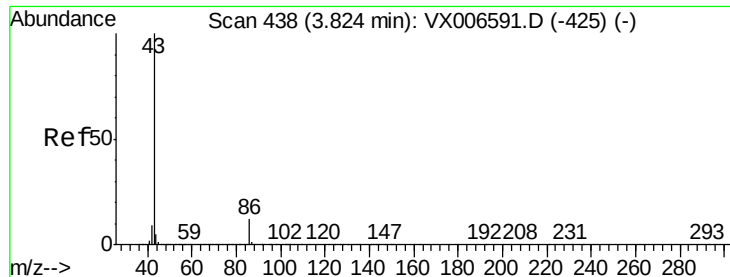
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 103.004 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampled :

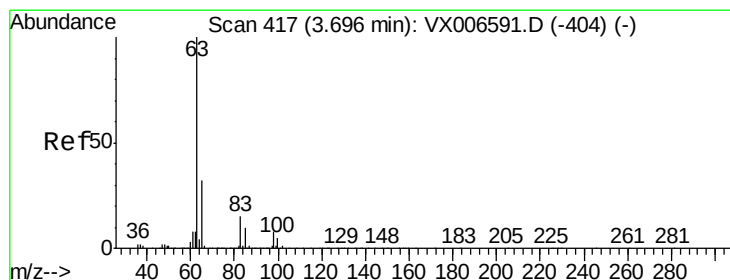
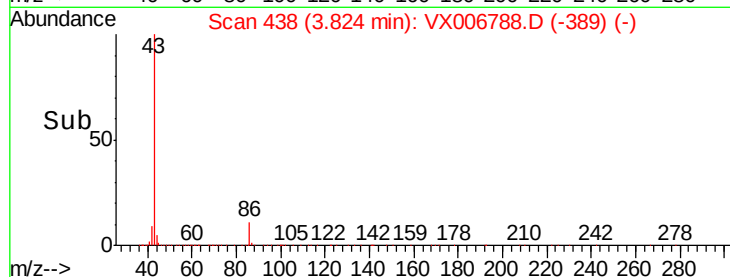
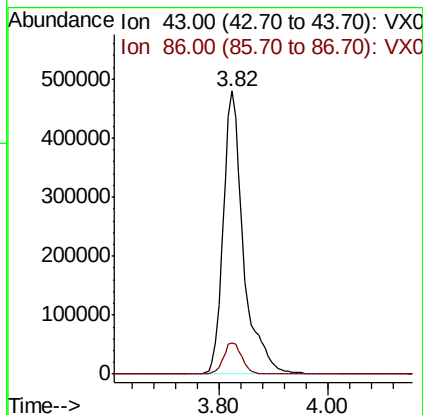
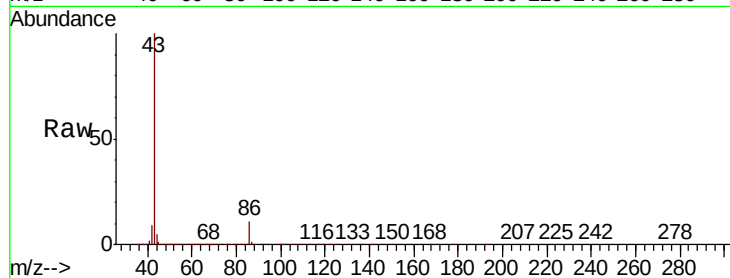
VX1224WBS01

Tot Ion: 43 Resp: 1232930

Ion Ratio Lower Upper

43 100

86 11.1 9.2 13.8



#24

1,1-Dichloroethane

Concen: 19.923 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

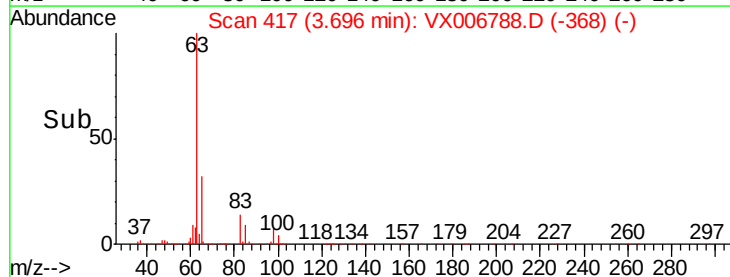
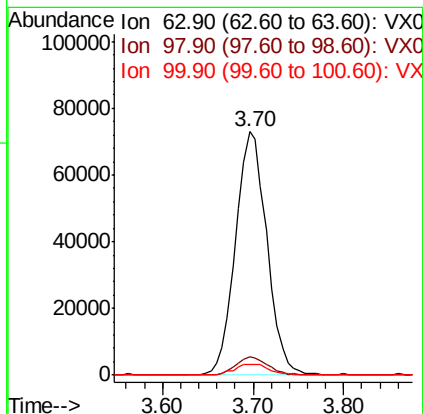
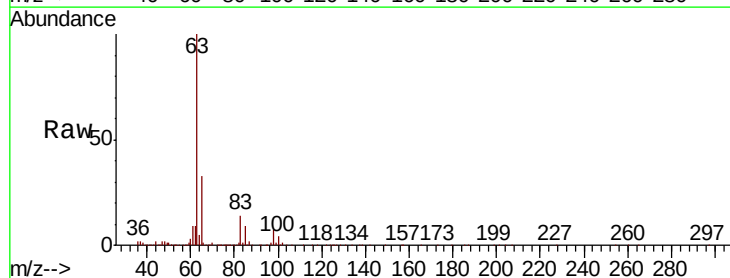
Tgt Ion: 63 Resp: 174037

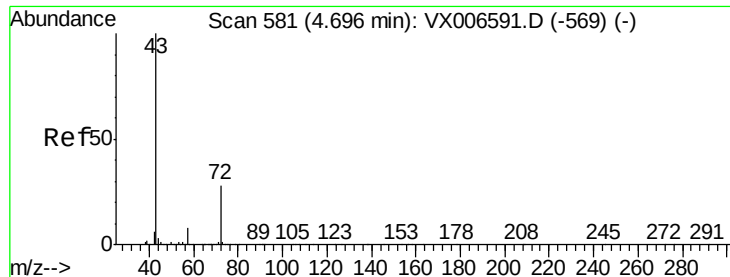
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

100 4.1 2.4 7.2





#25

2-Butanone

Concen: 105.867 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

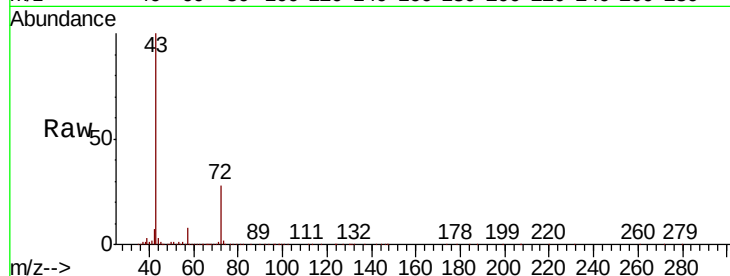
VX1224WBS01

Tot Ion: 43 Resp: 392180

Ion Ratio Lower Upper

43 100

72 27.4 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

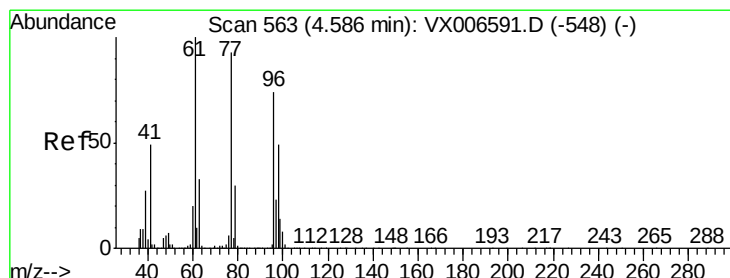
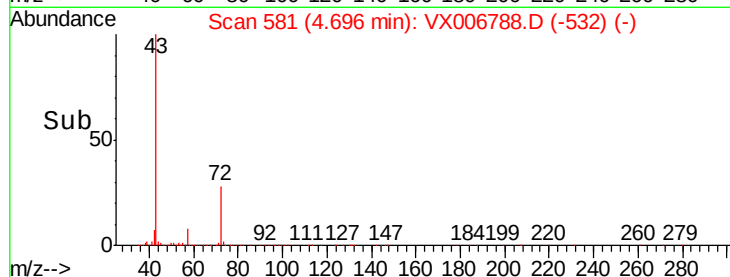
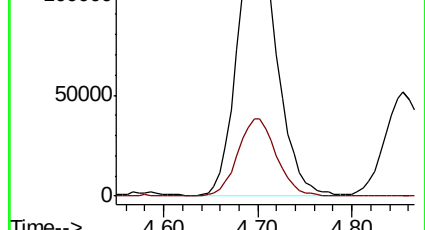
150000

100000

50000

0

4.60 4.70 4.80



#26

2,2-Dichloropropane

Concen: 17.817 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006788.D

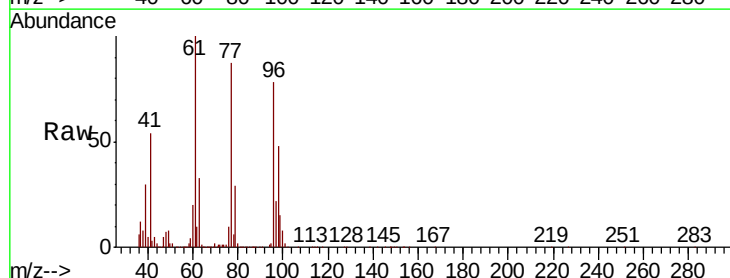
Acq: 24 Dec 2018 12:12

Tgt Ion: 77 Resp: 120227

Ion Ratio Lower Upper

77 100

97 25.5 12.4 37.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

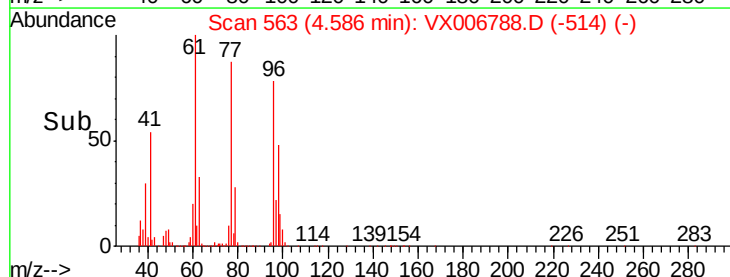
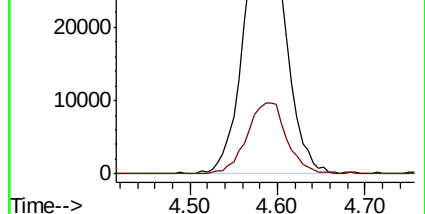
30000

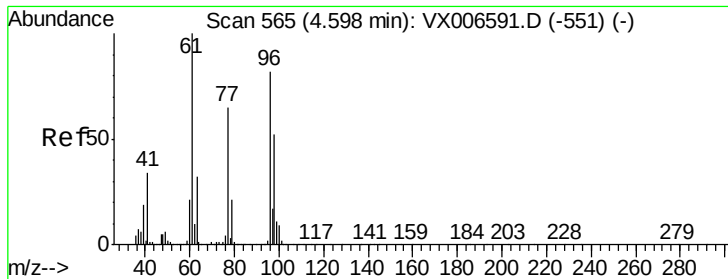
20000

10000

0

4.50 4.60 4.70



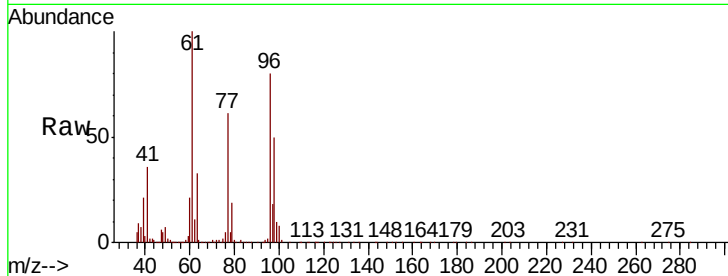


#27

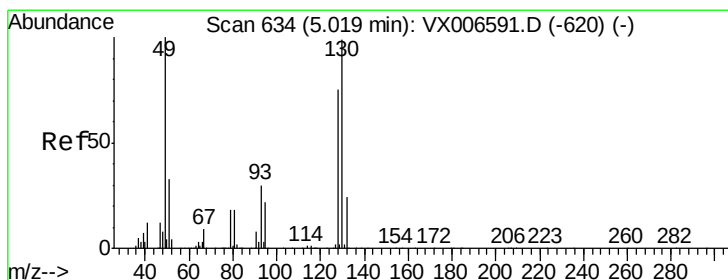
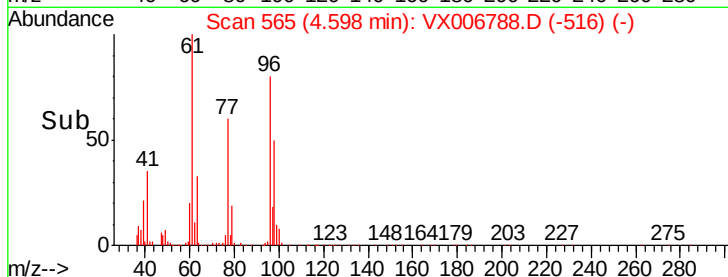
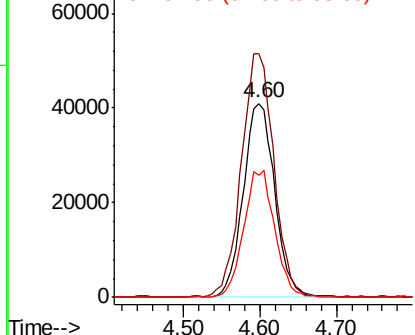
cis-1,2-Dichloroethene
 Concen: 20.250 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX006788.D
 Acq: 24 Dec 2018 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.5	0.0	258.6
98	64.4	0.0	132.0



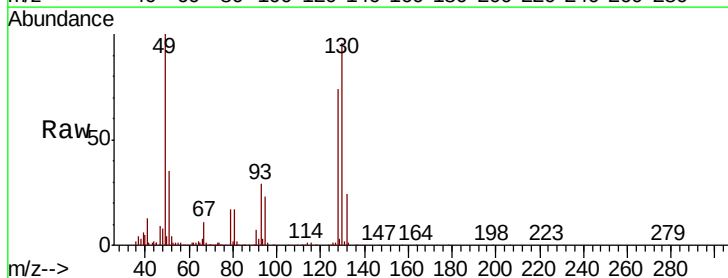
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



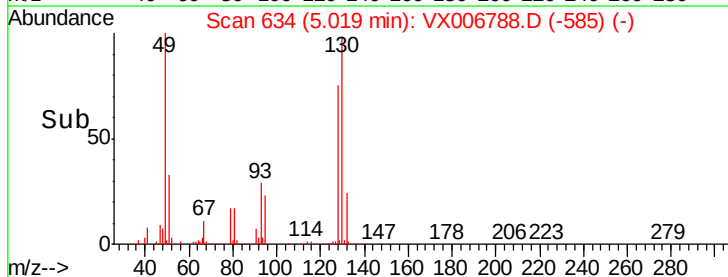
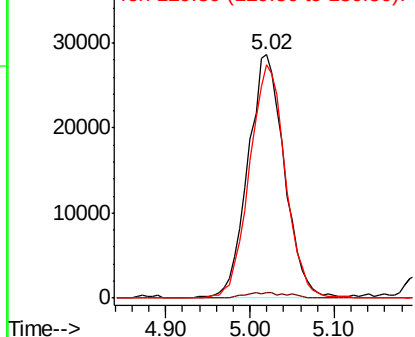
#28

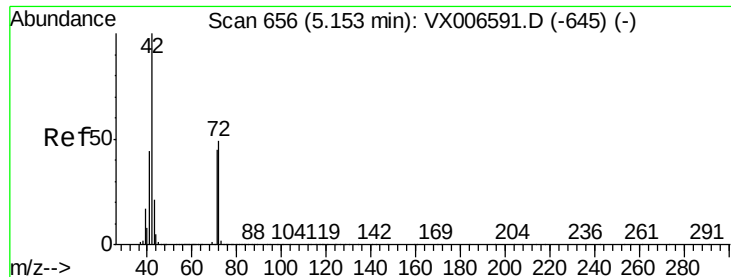
Bromochloromethane
 Concen: 21.733 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX006788.D
 Acq: 24 Dec 2018 12:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.4
130	94.6	77.7	116.5



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: 106.476 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

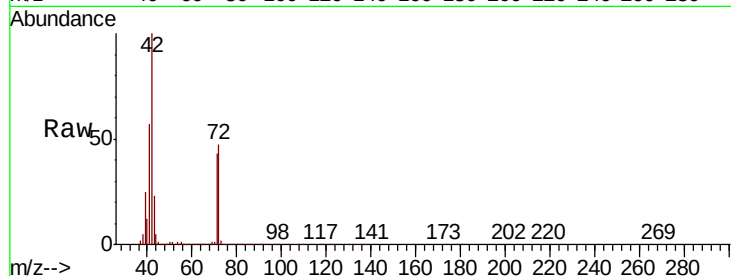
Tot Ion: 42 Resp: 259787

Ion Ratio Lower Upper

42 100

72 48.6 38.9 58.3

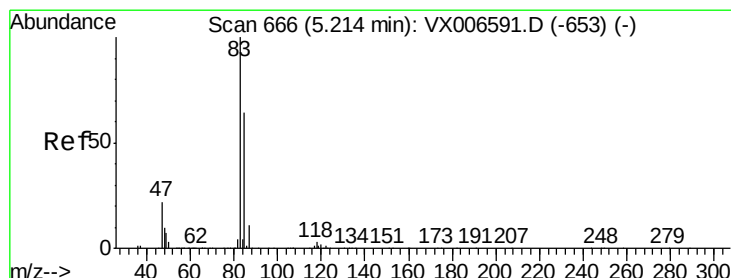
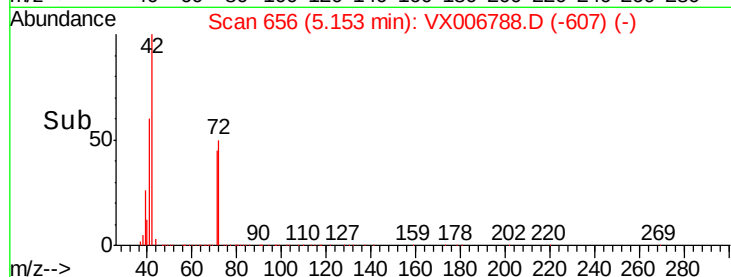
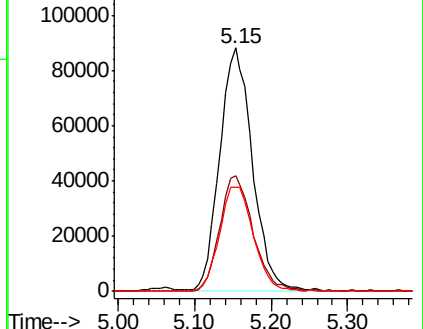
71 45.0 36.2 54.4



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: 20.243 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX006788.D

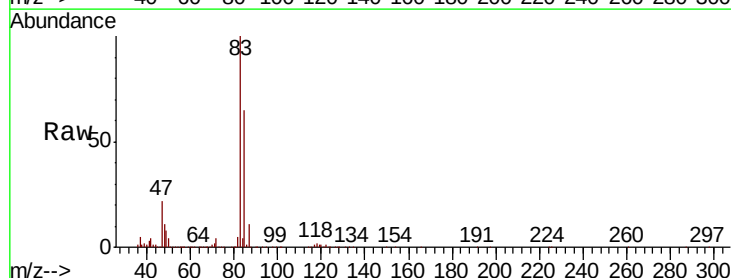
Acq: 24 Dec 2018 12:12

Tgt Ion: 83 Resp: 183122

Ion Ratio Lower Upper

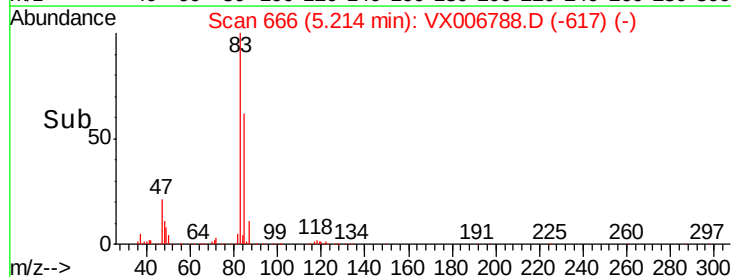
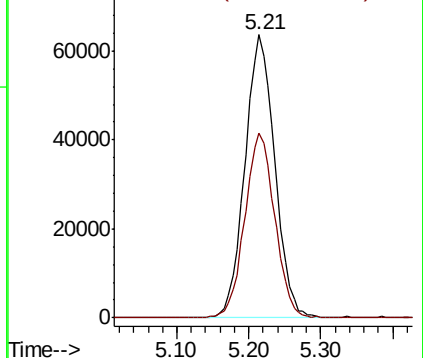
83 100

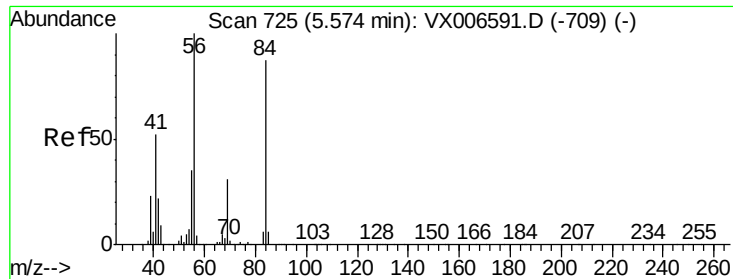
85 65.5 51.2 76.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

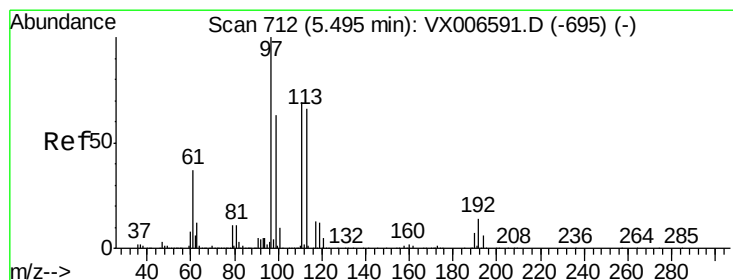
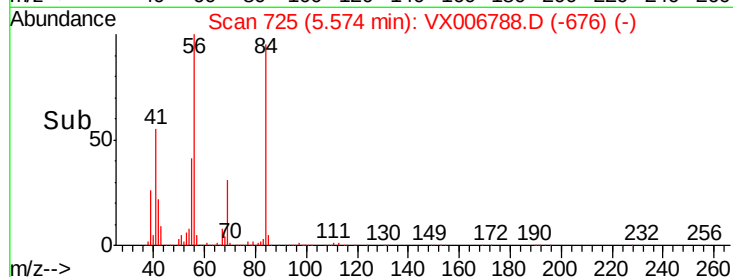
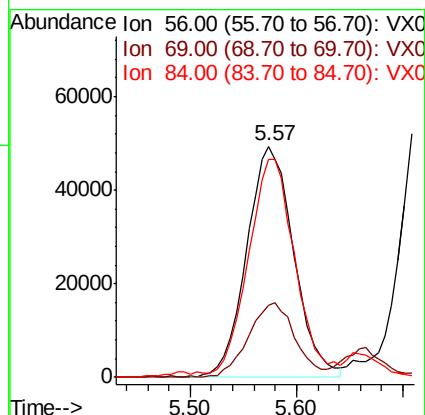
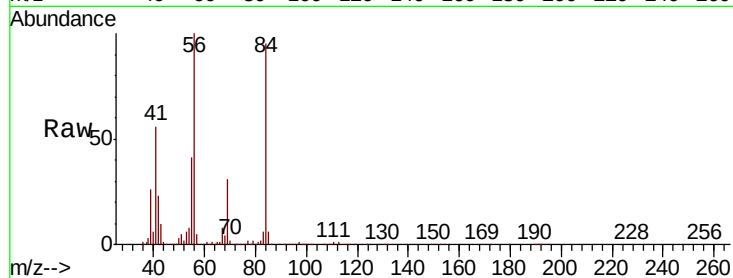




#31
Cyclohexane
Concen: 19.141 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

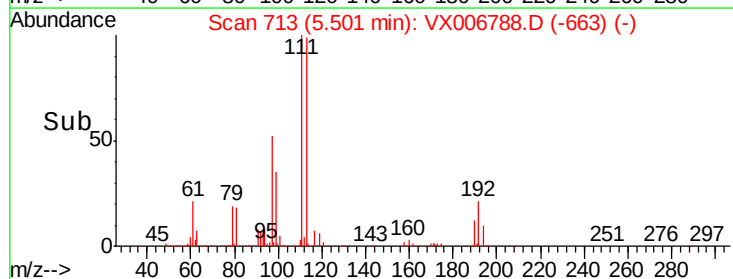
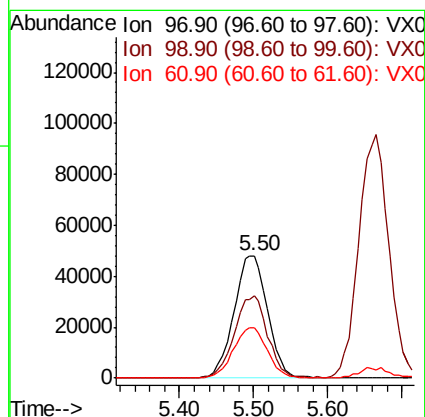
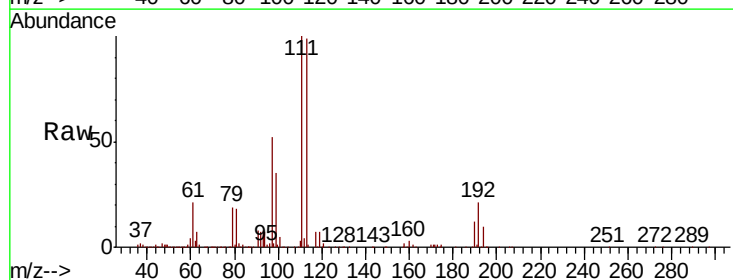
Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

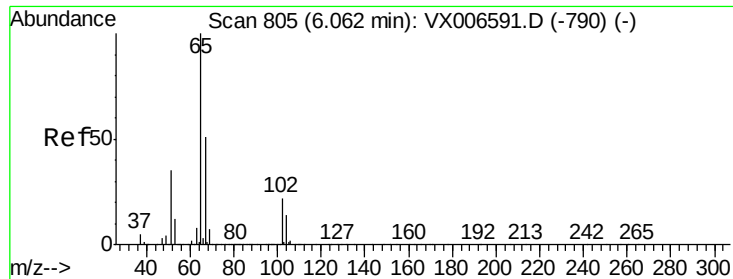
Tot Ion: 56 Resp: 151901
Ion Ratio Lower Upper
56 100
69 30.5 24.4 36.6
84 93.3 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 19.845 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

Tgt Ion: 97 Resp: 151583
Ion Ratio Lower Upper
97 100
99 66.1 51.7 77.5
61 41.5 31.3 46.9

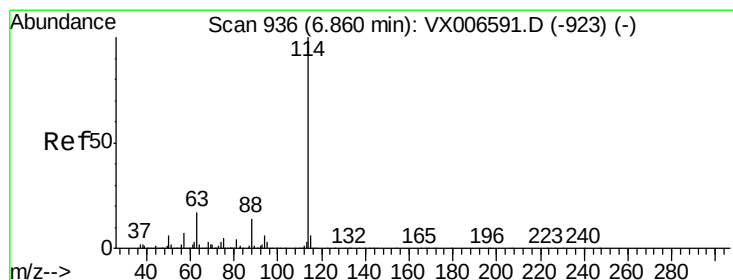
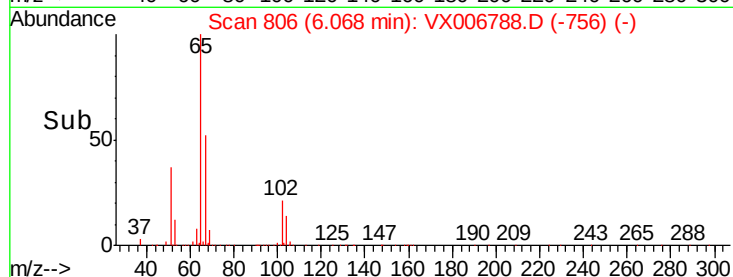
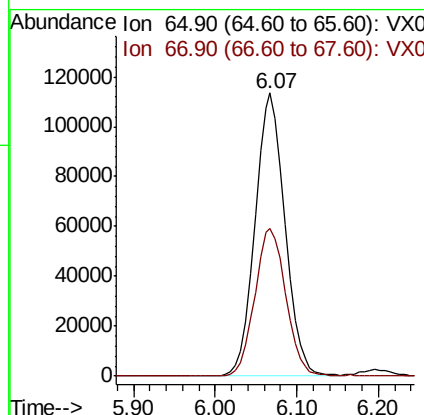
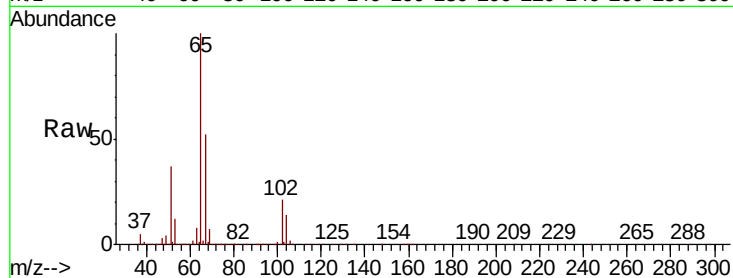




#33
 1,2-Dichloroethane-d4
 Concen: 50.578 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX006788.D
 Acq: 24 Dec 2018 12:12

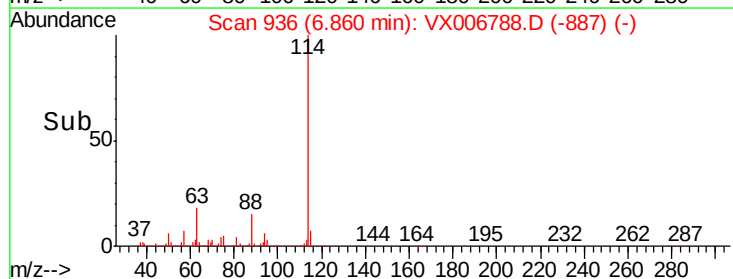
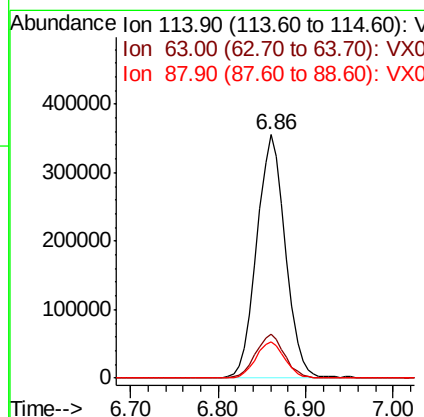
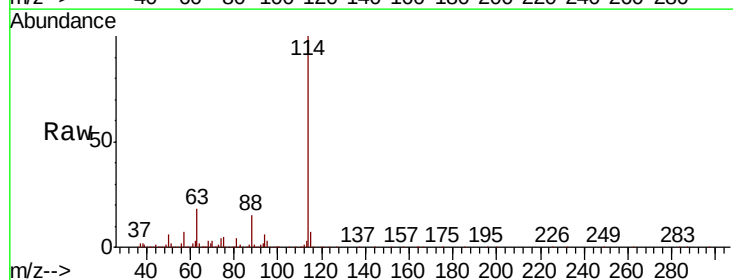
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBS01

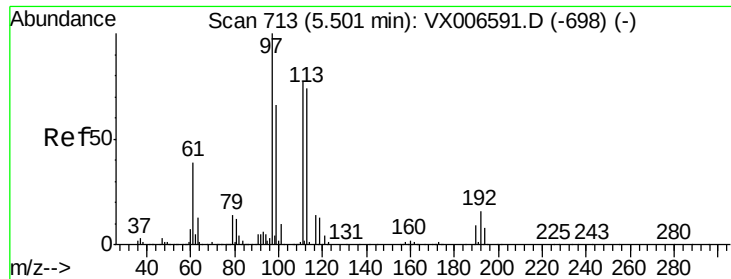
Tot Ion: 65 Resp: 289923
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006788.D
 Acq: 24 Dec 2018 12:12

Tgt Ion: 114 Resp: 806222
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 34.8
 88 14.7 0.0 28.8





#35

Dibromofluoromethane

Concen: 51.794 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

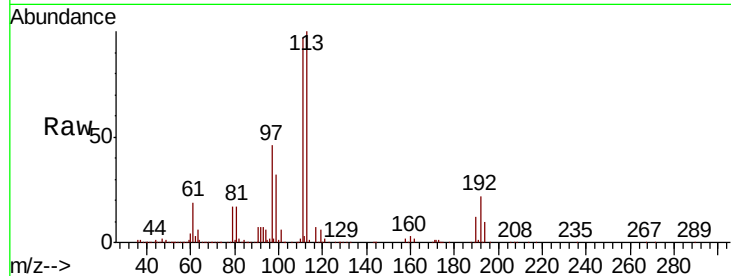
Tot Ion:113 Resp: 264068

Ion Ratio Lower Upper

113 100

111 100.8 81.6 122.4

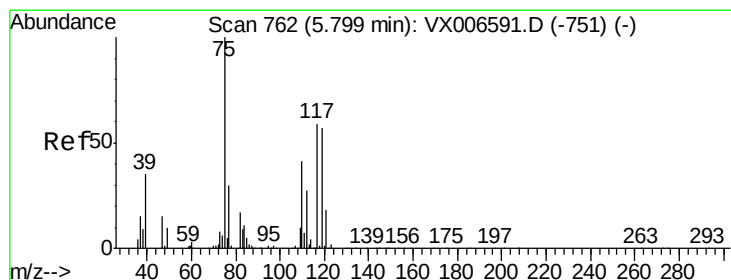
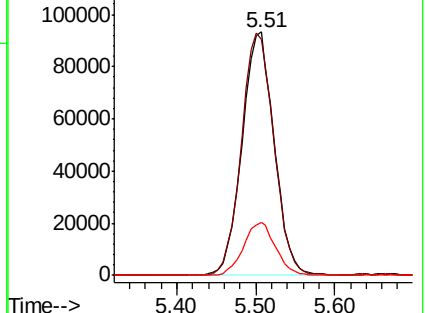
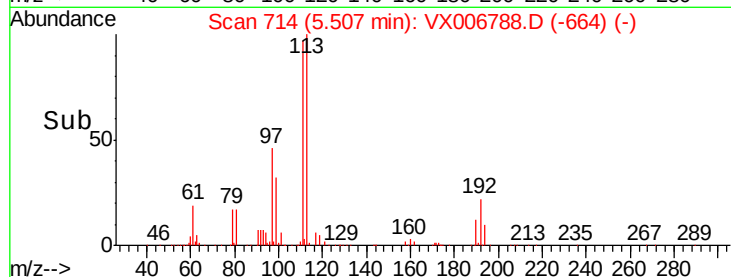
192 21.6 16.7 25.1



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: 19.502 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

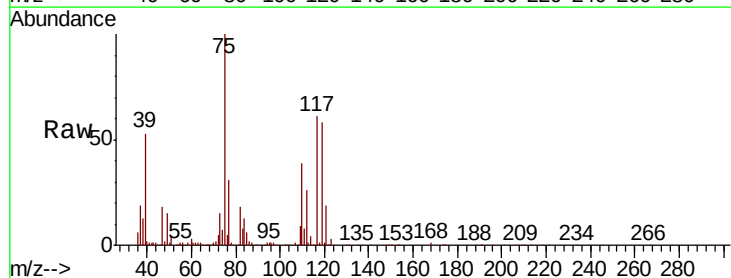
Tgt Ion: 75 Resp: 130222

Ion Ratio Lower Upper

75 100

110 41.3 20.2 60.5

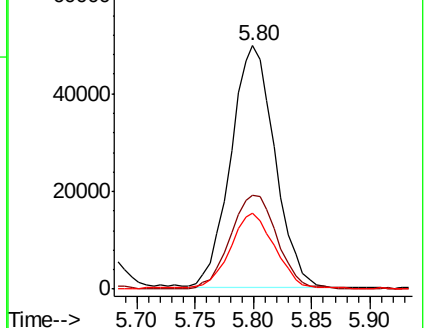
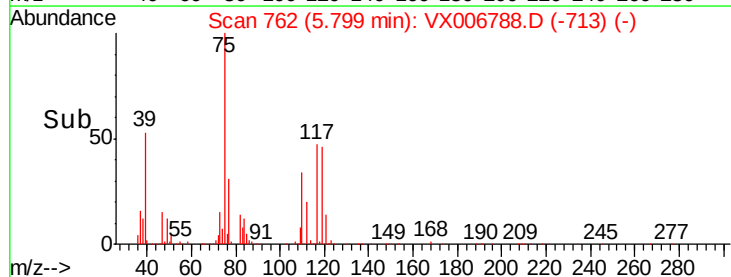
77 30.9 24.8 37.2

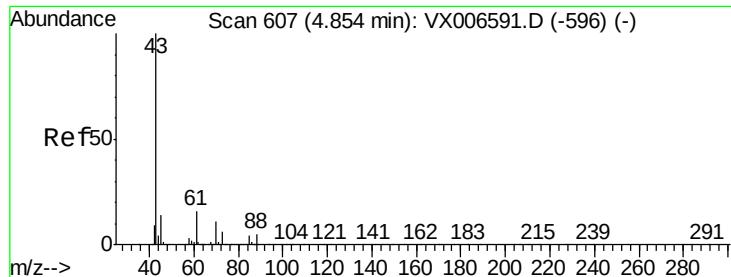


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

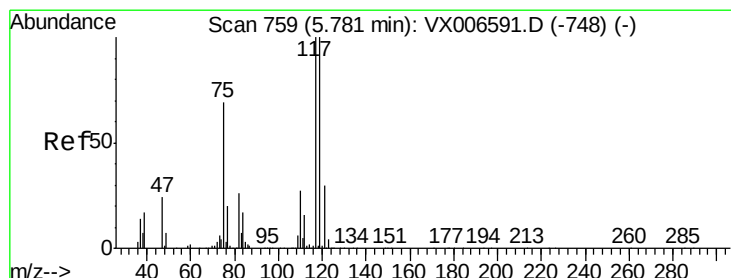
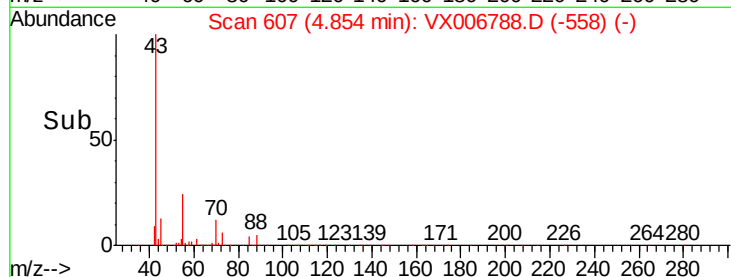
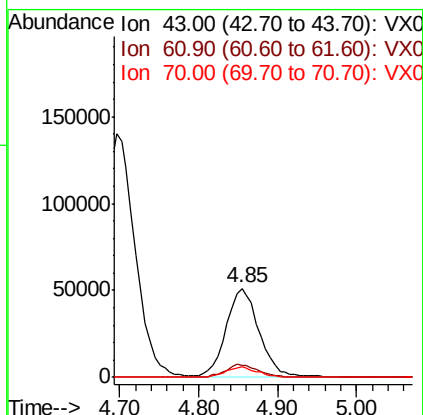
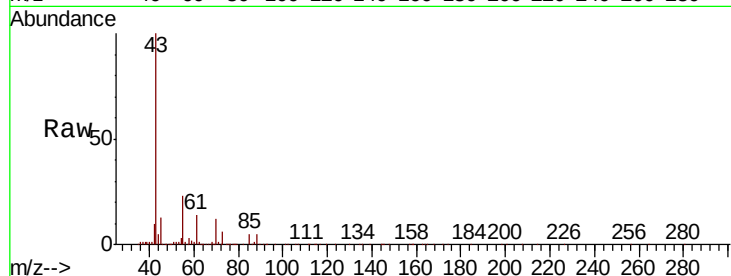




#37
Ethyl Acetate
Concen: 21.348 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

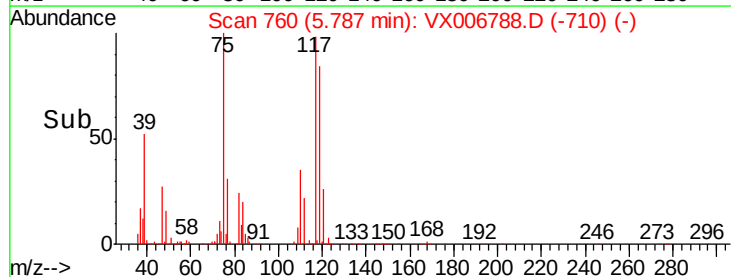
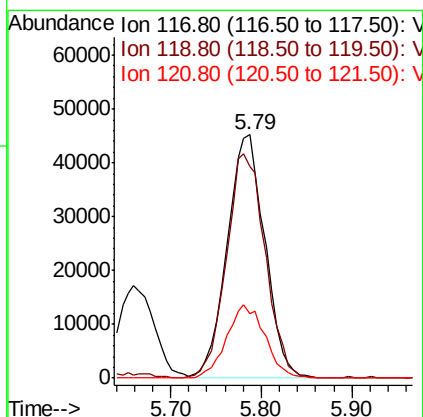
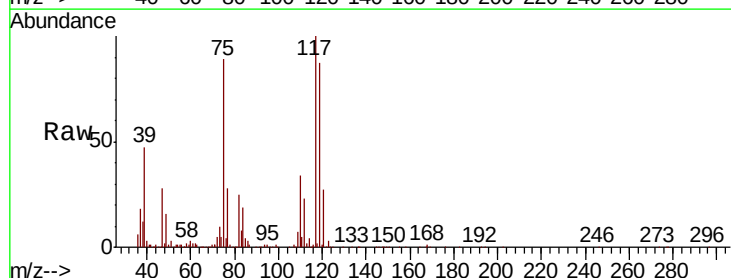
Instrument :
MSVOA_X
ClientSampled :
VX1224WBS01

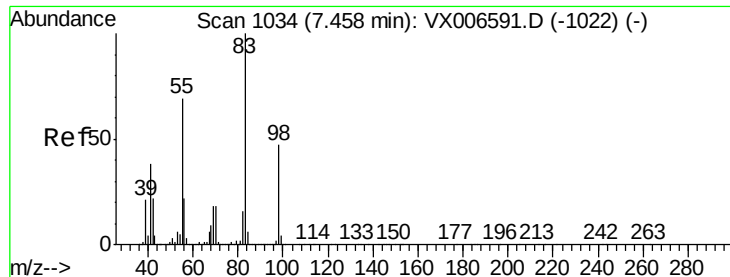
Tot Ion: 43 Resp: 148369
Ion Ratio Lower Upper
43 100
61 15.1 11.9 17.9
70 11.8 9.7 14.5



#38
Carbon Tetrachloride
Concen: 19.999 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

Tgt Ion: 117 Resp: 129781
Ion Ratio Lower Upper
117 100
119 87.0 79.4 119.2
121 26.6 24.0 36.0

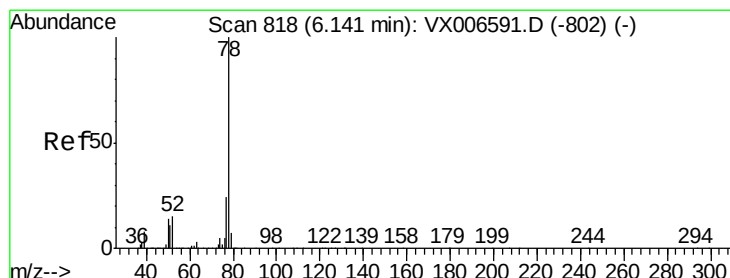
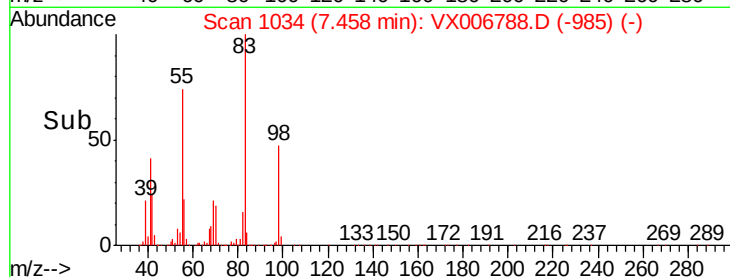
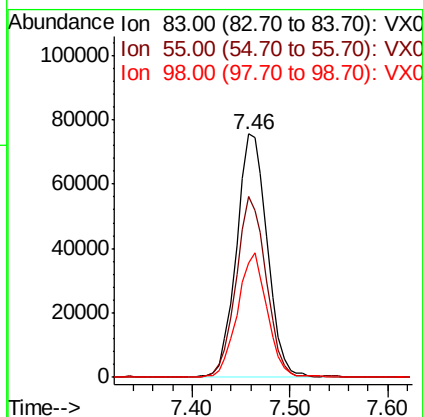
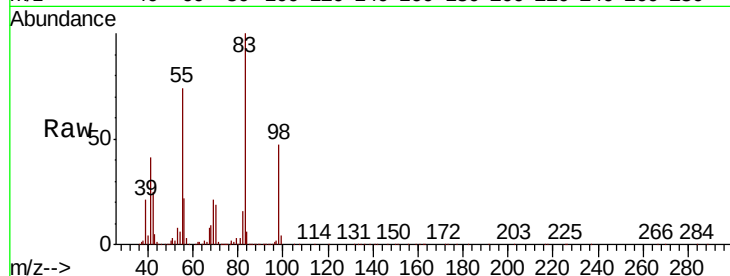




#39
Methylvlcyclohexane
Concen: 18.724 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

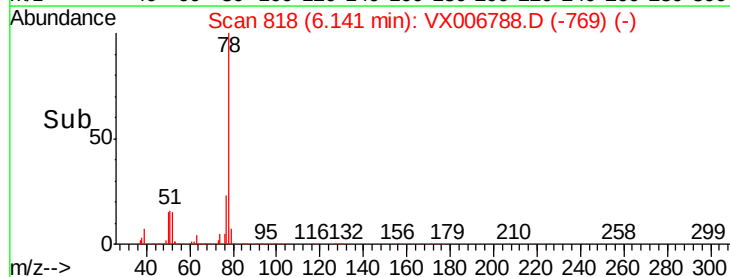
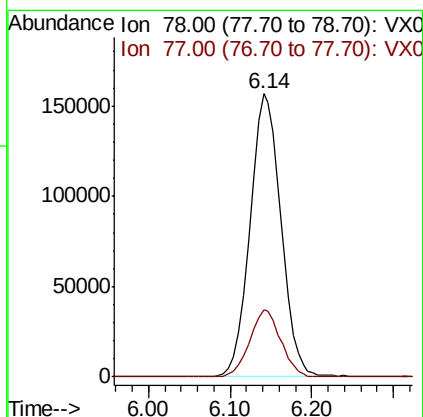
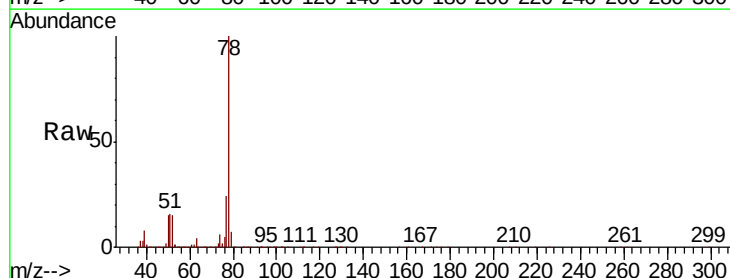
Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

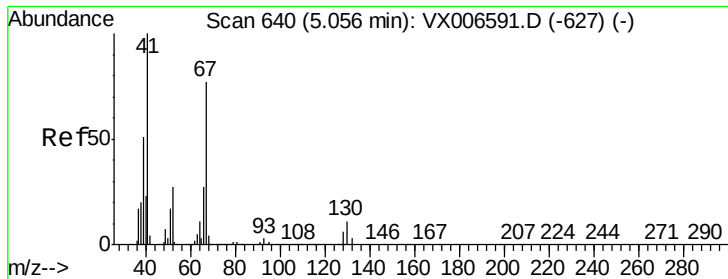
Tot Ion: 83 Resp: 164603
Ion Ratio Lower Upper
83 100
55 74.0 54.9 82.3
98 47.1 37.9 56.9



#40
Benzene
Concen: 20.421 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

Tgt Ion: 78 Resp: 414489
Ion Ratio Lower Upper
78 100
77 23.7 19.2 28.8





#41

Methacrylonitrile

Concen: 22.061 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

Tot Ion: 41 Resp: 81401

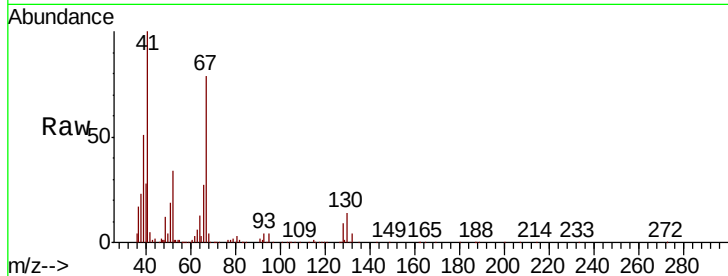
Ion Ratio Lower Upper

41 100

39 55.9 42.8 64.2

67 78.4 62.1 93.1

52 32.5 23.4 35.0

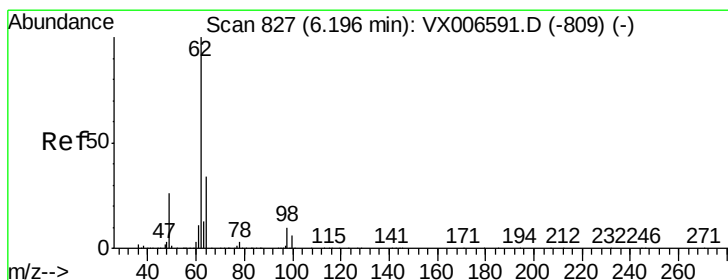
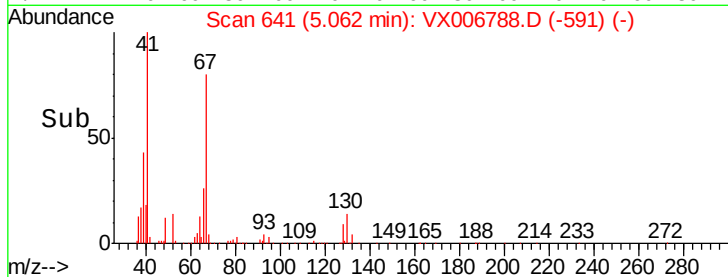
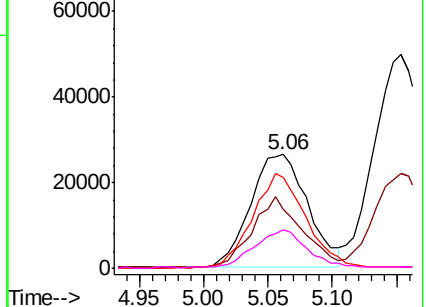


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.661 ug/l

RT: 6.20 min Scan# 828

Delta R.T. 0.01 min

Lab File: VX006788.D

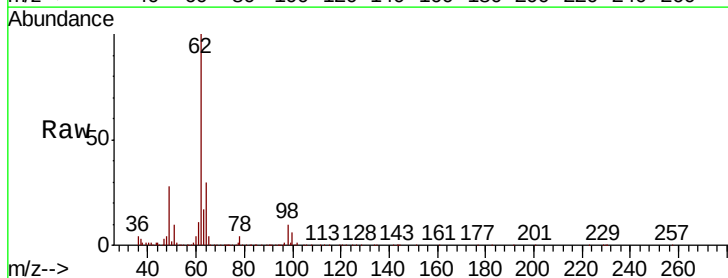
Acq: 24 Dec 2018 12:12

Tgt Ion: 62 Resp: 142897

Ion Ratio Lower Upper

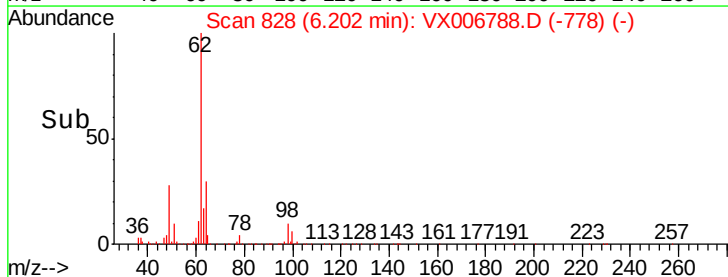
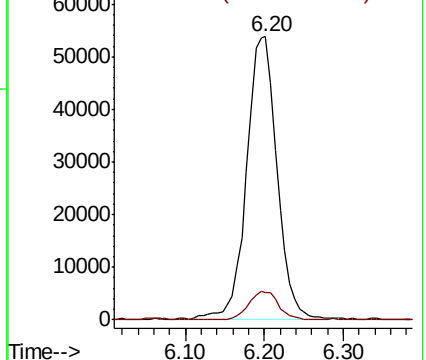
62 100

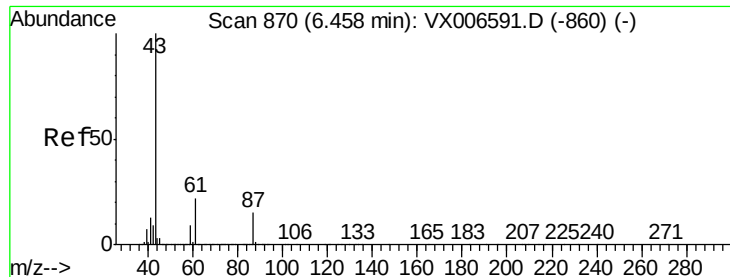
98 9.9 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.988 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

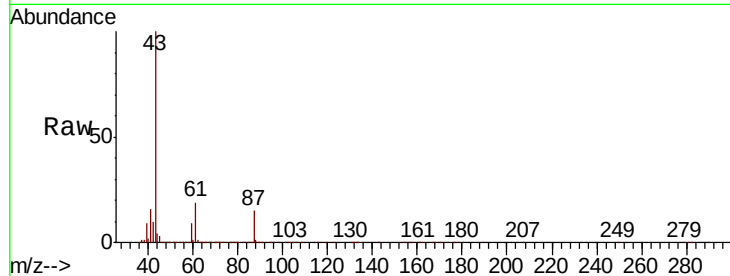
Tot Ion: 43 Resp: 221943

Ion Ratio Lower Upper

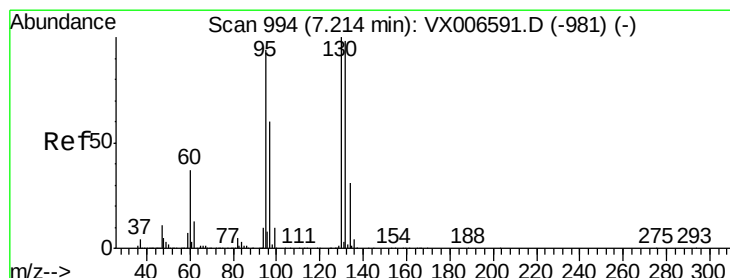
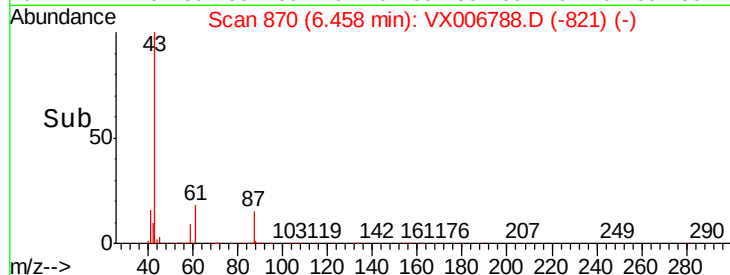
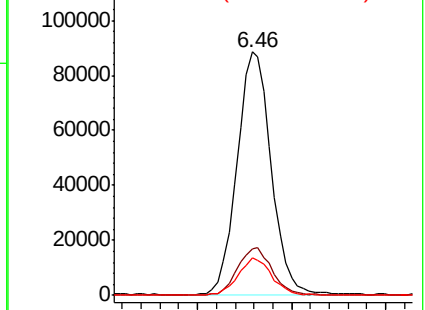
43 100

61 19.9 16.8 25.2

87 15.4 12.4 18.6



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: 19.612 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006788.D

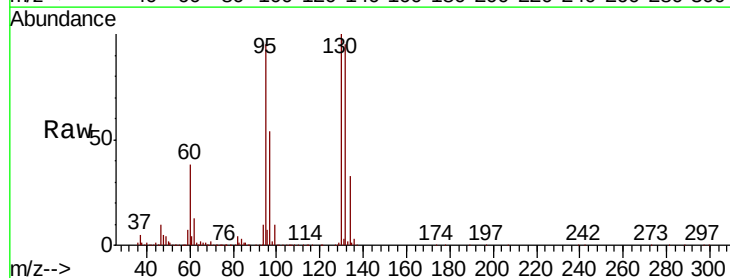
Acq: 24 Dec 2018 12:12

Tgt Ion:130 Resp: 120480

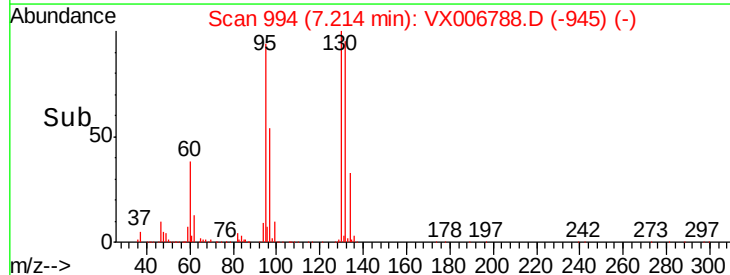
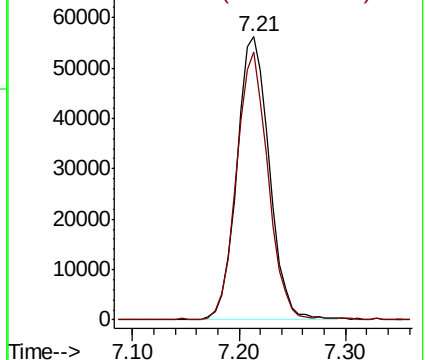
Ion Ratio Lower Upper

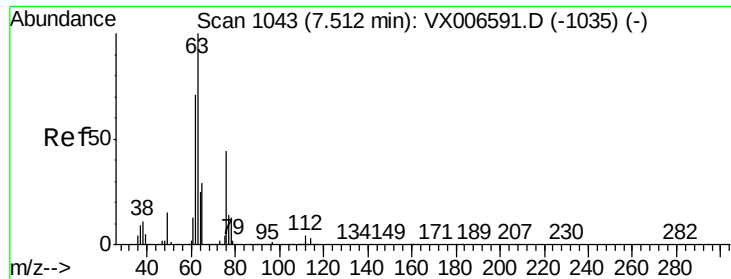
130 100

95 94.5 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.619 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampled :

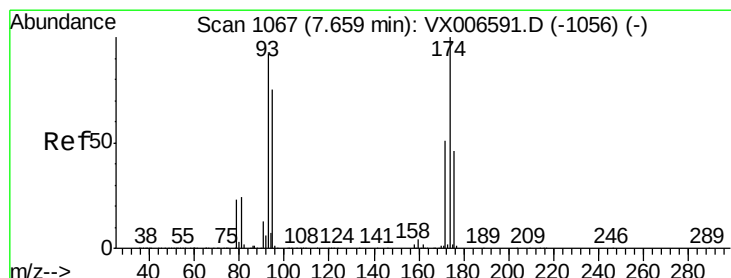
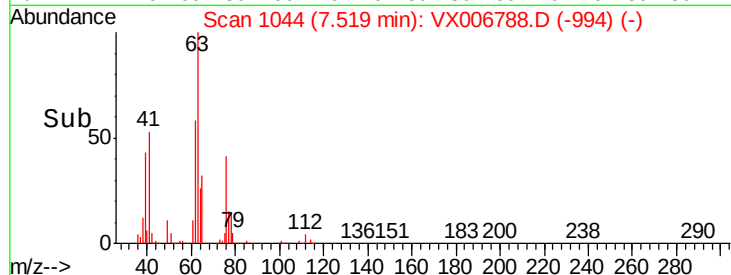
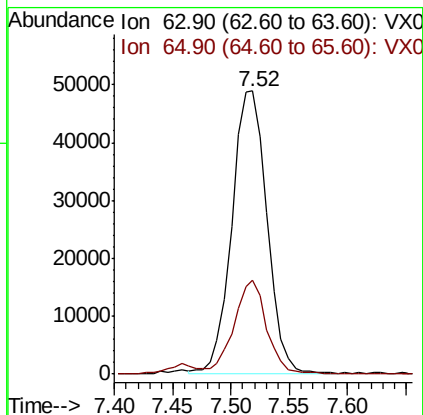
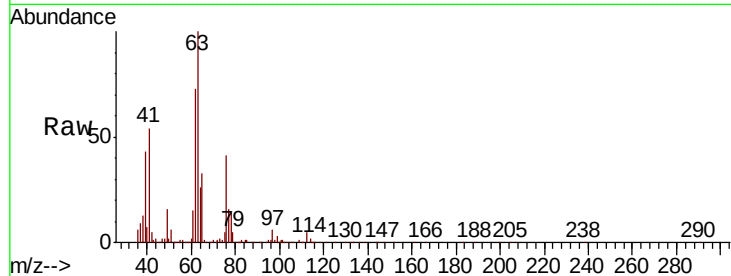
VX1224WBS01

Tot Ion: 63 Resp: 101842

Ion Ratio Lower Upper

63 100

65 33.1 25.4 38.0



#46

Dibromomethane

Concen: 20.096 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

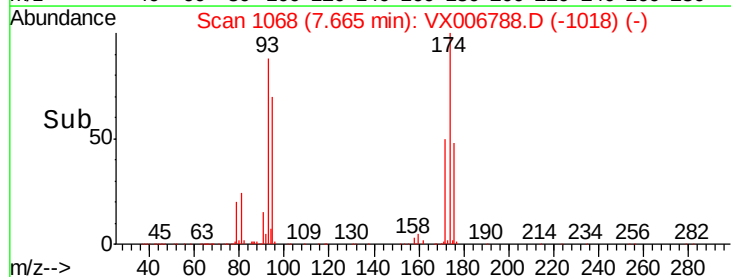
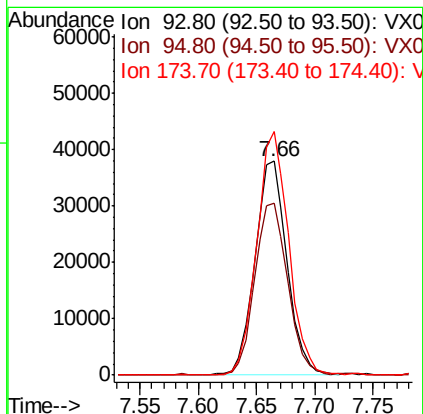
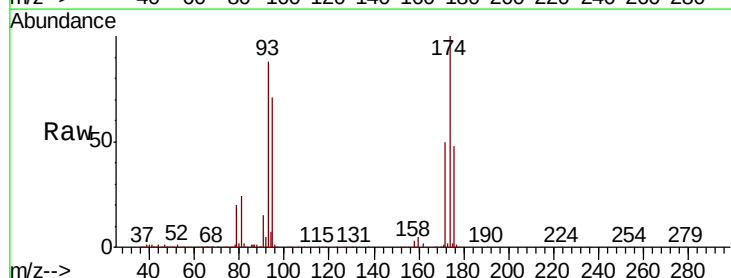
Tgt Ion: 93 Resp: 73009

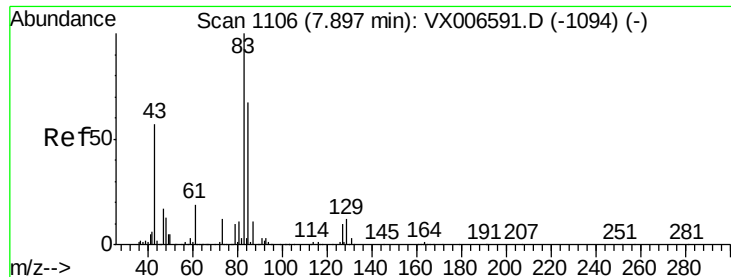
Ion Ratio Lower Upper

93 100

95 82.5 66.2 99.4

174 113.5 91.0 136.4





#47

Bromodichloromethane

Concen: 20.646 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

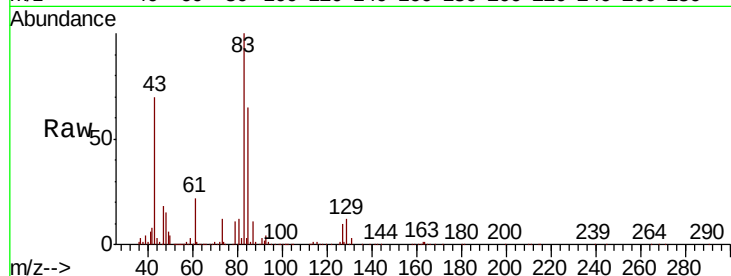
Tot Ion: 83 Resp: 124534

Ion Ratio Lower Upper

83 100

85 64.4 53.2 79.8

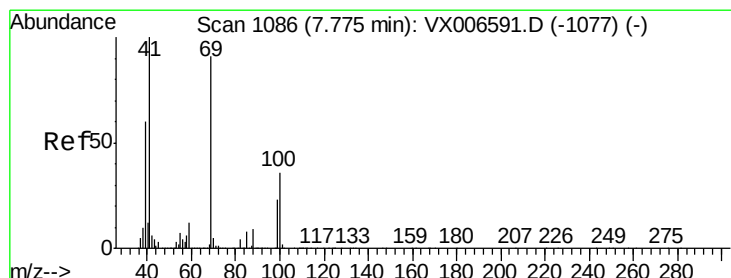
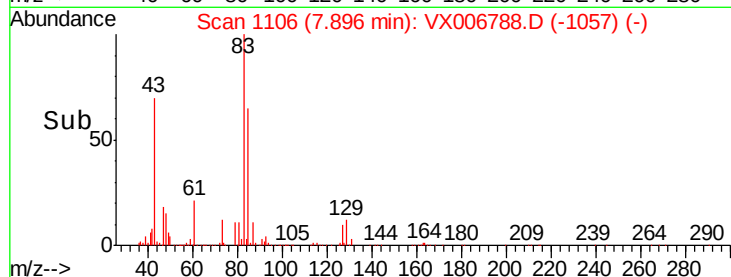
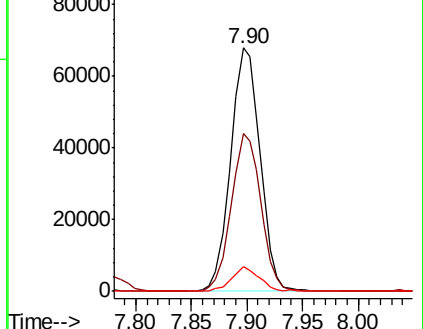
127 10.2 7.8 11.6



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: 21.864 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

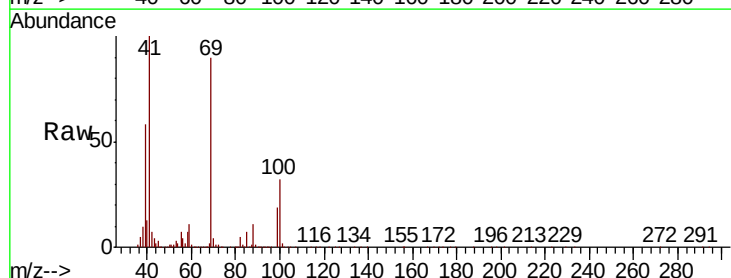
Tgt Ion: 41 Resp: 117573

Ion Ratio Lower Upper

41 100

69 89.5 72.4 108.6

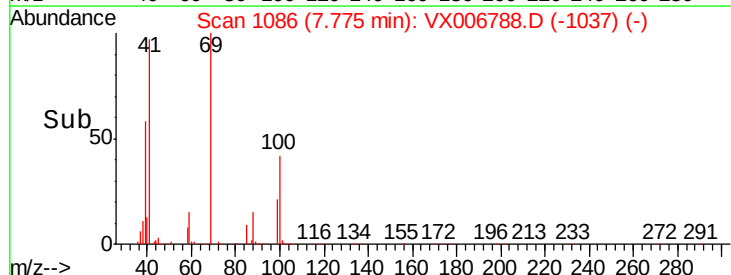
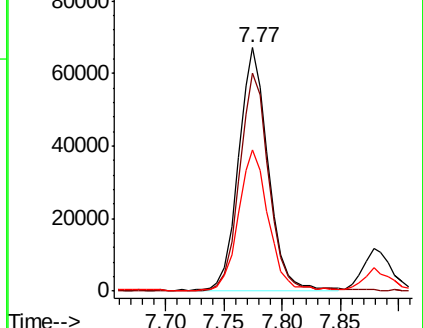
39 58.8 45.8 68.8

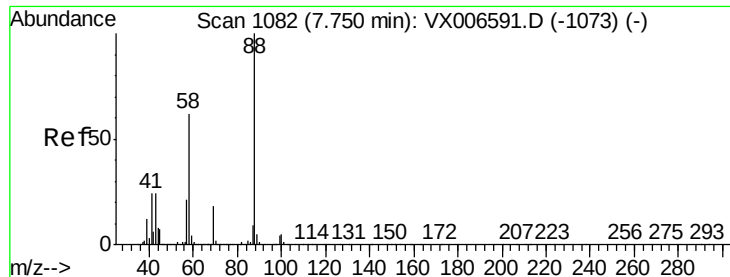


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 429.738 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

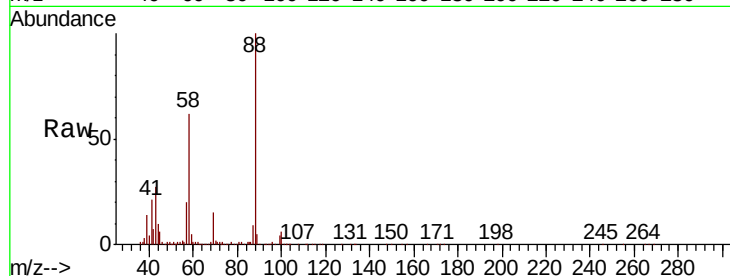
MSVOA_X

ClientSampleId :

VX1224WBS01

Tot Ion: 88 Resp: 62059

Ion	Ratio	Lower	Upper
88	100		
43	30.4	22.2	33.4
58	63.1	51.0	76.4

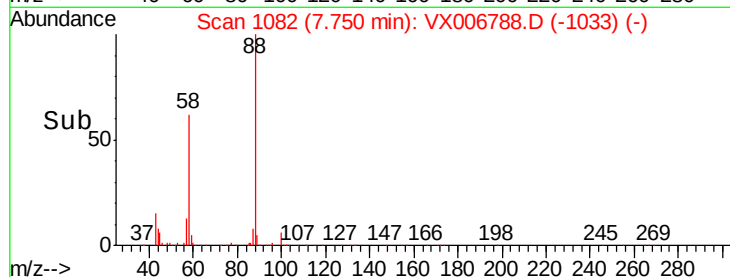


Abundance

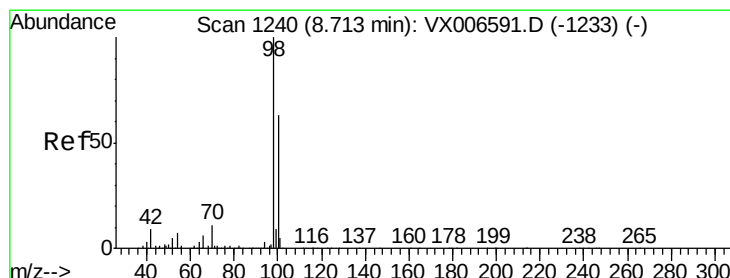
Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#50

Toluene-d8

Concen: 51.031 ug/l

RT: 8.71 min Scan# 1240

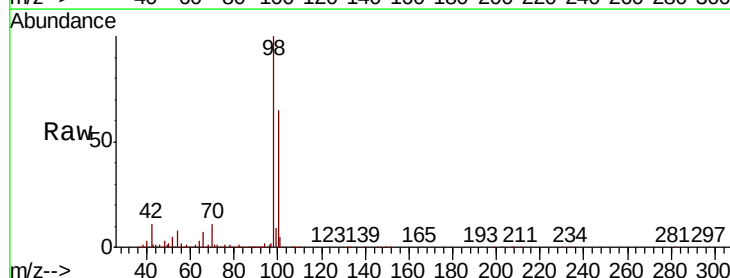
Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Tgt Ion: 98 Resp: 980867

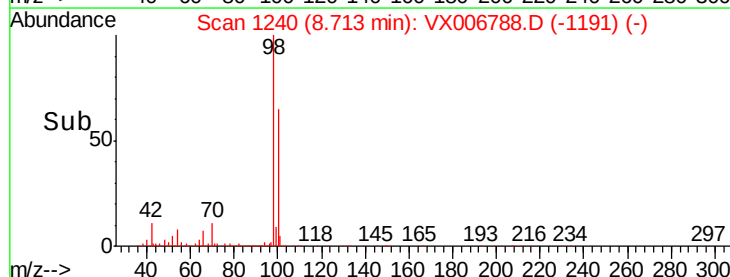
Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.0	78.0



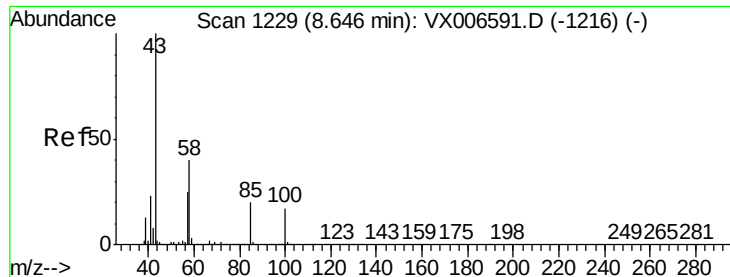
Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



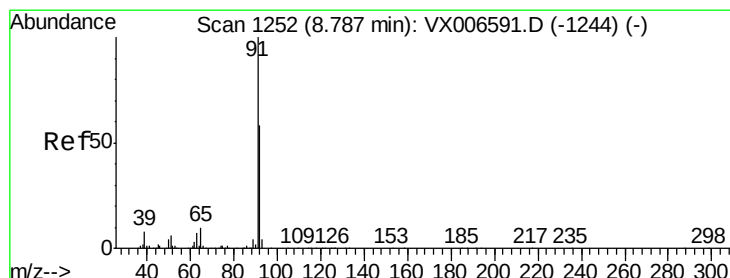
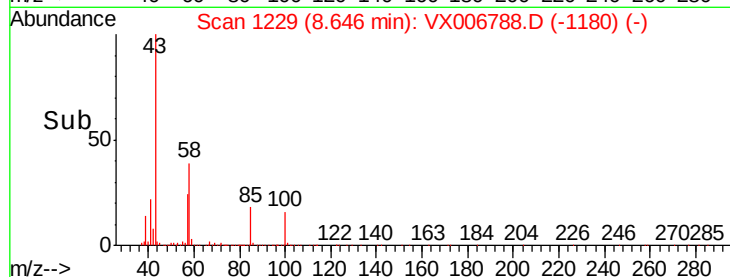
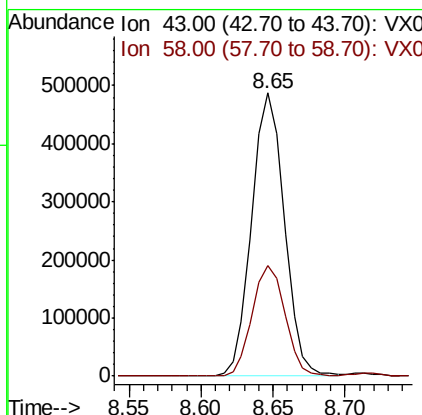
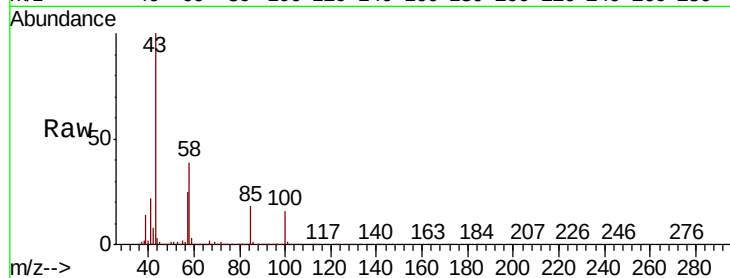
Time-->



#51
 4-Methyl-2-Pentanone
 Concen: 113.249 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX006788.D
 Acq: 24 Dec 2018 12:12

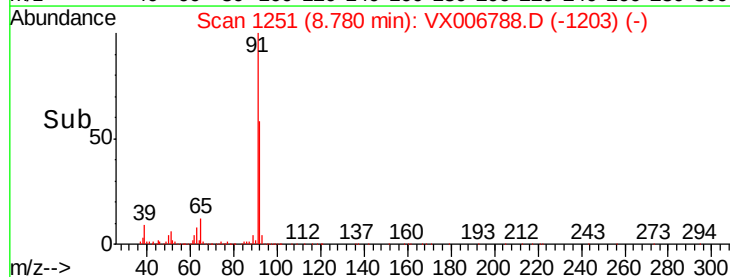
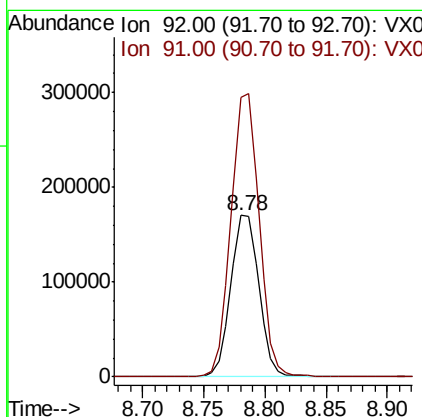
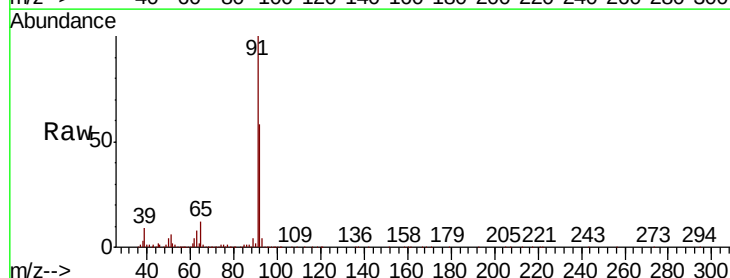
Instrument :
 MSVOA_X
 ClientSampled :
 VX1224WBS01

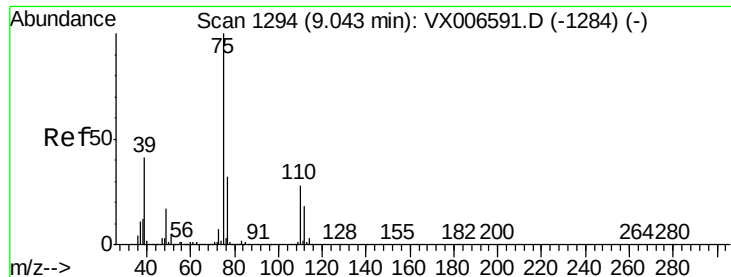
Tot Ion: 43 Resp: 761974
 Ion Ratio Lower Upper
 43 100
 58 39.4 31.8 47.6



#52
 Toluene
 Concen: 20.811 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX006788.D
 Acq: 24 Dec 2018 12:12

Tgt Ion: 92 Resp: 272886
 Ion Ratio Lower Upper
 92 100
 91 175.1 137.6 206.4

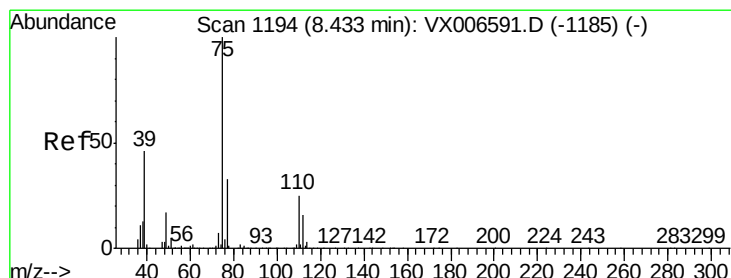
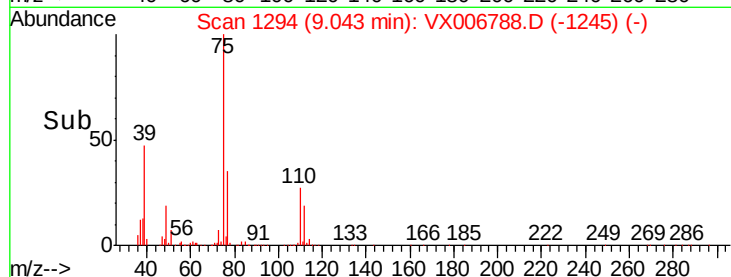
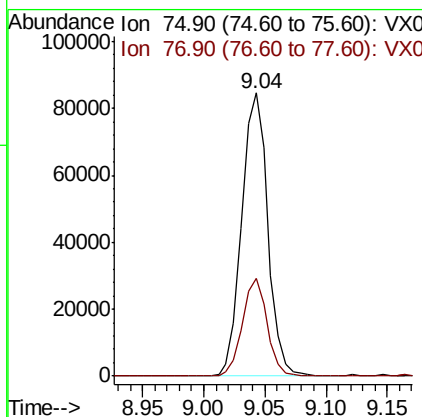
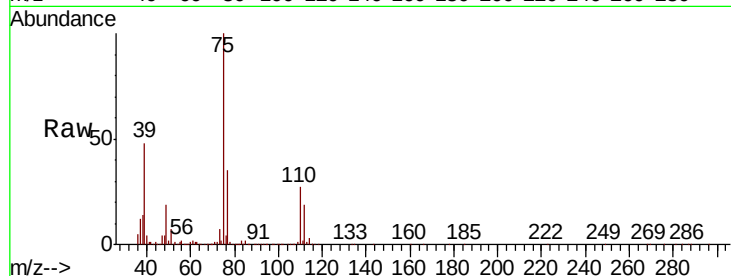




#53
t-1,3-Dichloropropene
Concen: 19.356 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

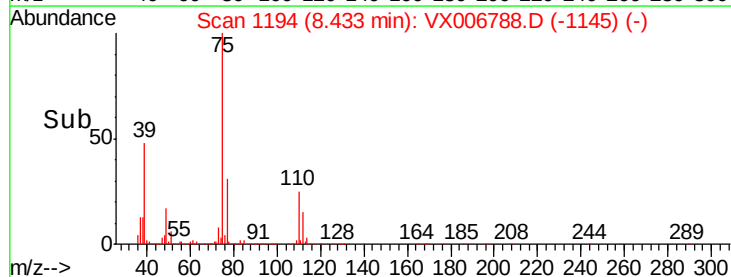
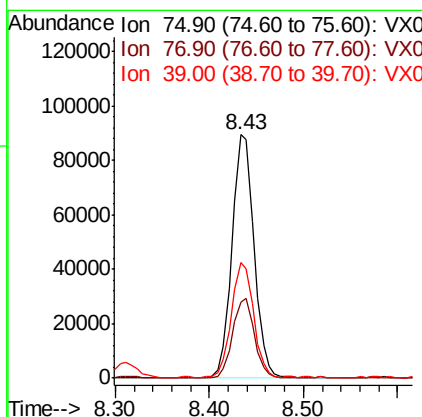
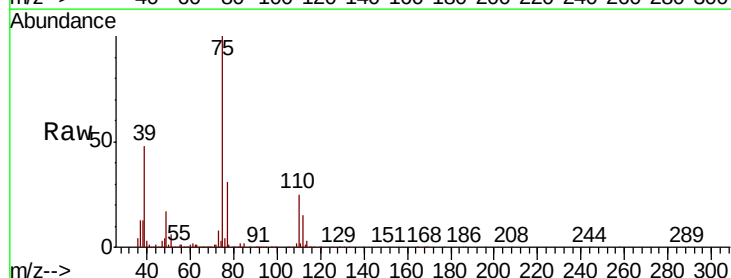
Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

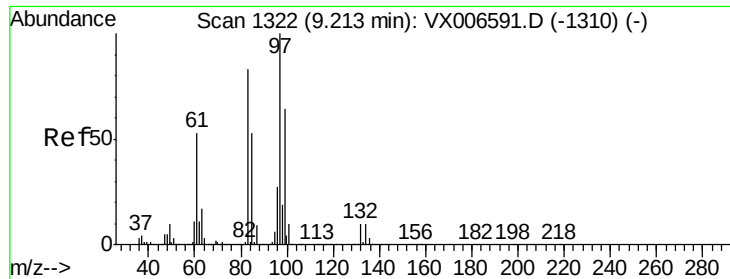
Tot Ion: 75 Resp: 125211
Ion Ratio Lower Upper
75 100
77 34.5 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 20.538 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

Tgt Ion: 75 Resp: 145779
Ion Ratio Lower Upper
75 100
77 31.1 26.2 39.2
39 47.4 36.7 55.1





#55

1,1,2-Trichloroethane

Concen: 21.777 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

Tot Ion: 97 Resp: 116883

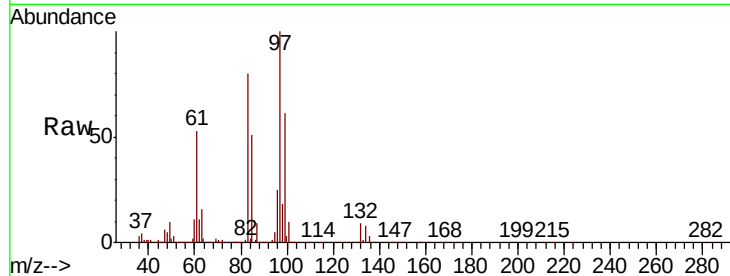
Ion Ratio Lower Upper

97 100

83 79.7 66.6 99.8

85 51.1 42.7 64.1

99 61.0 50.8 76.2

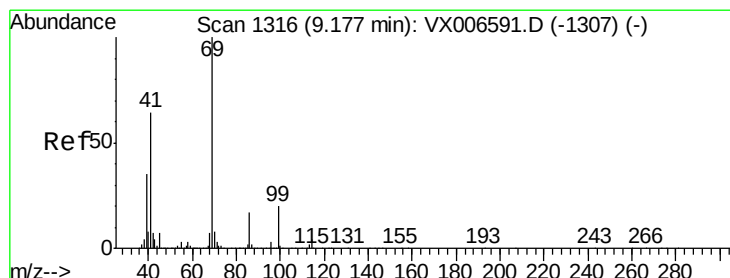
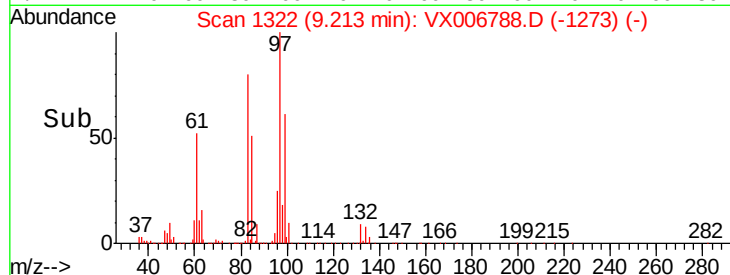
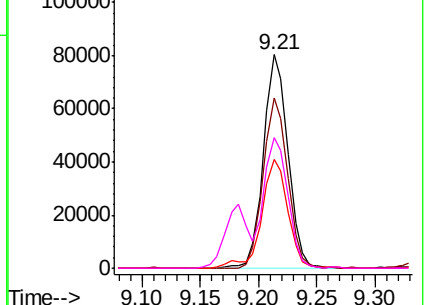


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 21.608 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

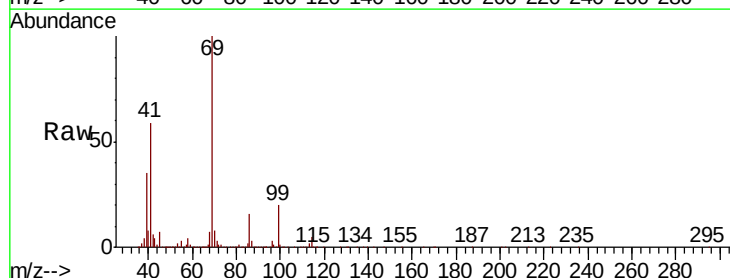
Tgt Ion: 69 Resp: 163919

Ion Ratio Lower Upper

69 100

41 62.6 48.7 73.1

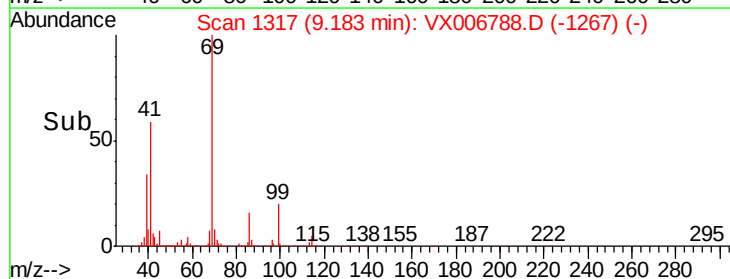
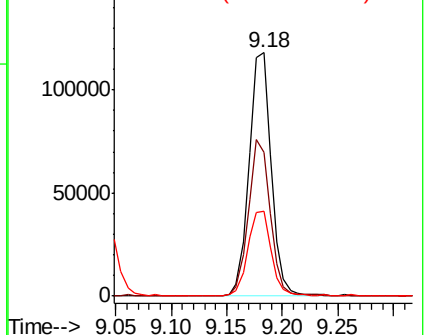
39 36.0 27.0 40.6

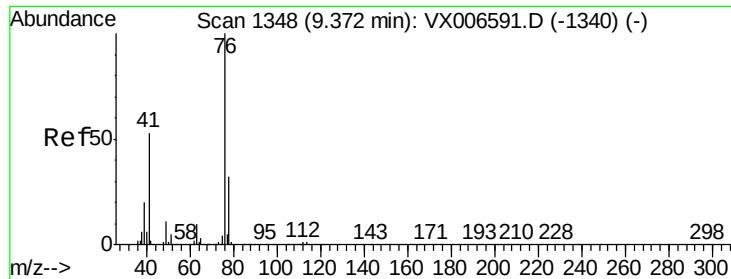


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

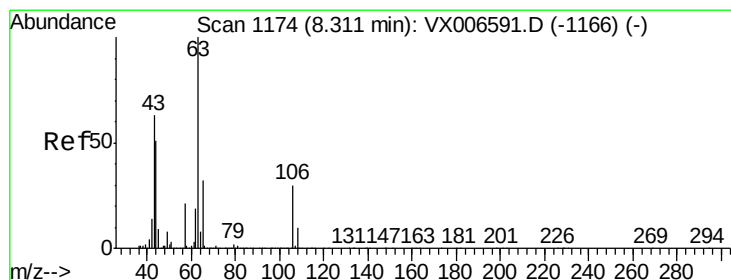
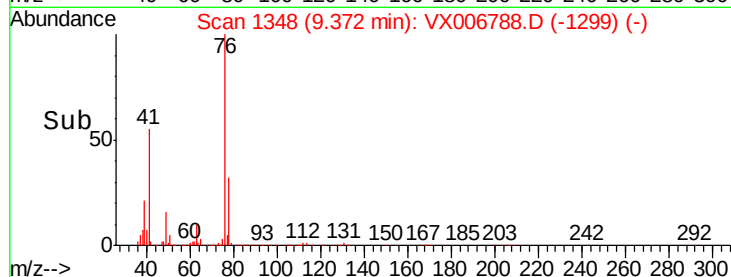
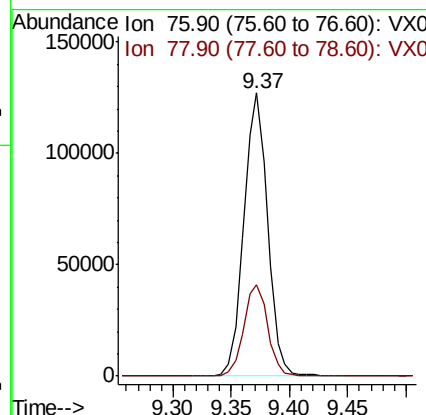
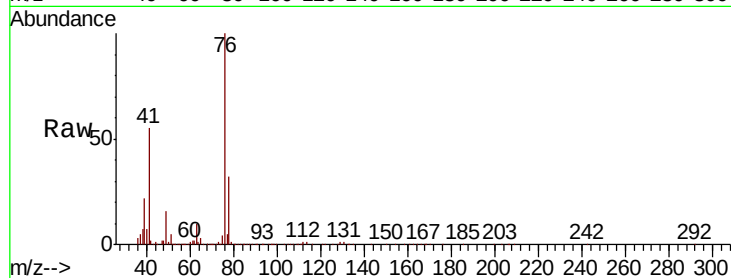




#57
 1,3-Dichloropropane
 Concen: 20.948 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX006788.D
 Acq: 24 Dec 2018 12:12

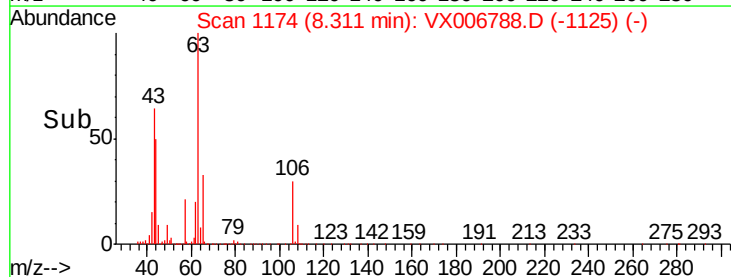
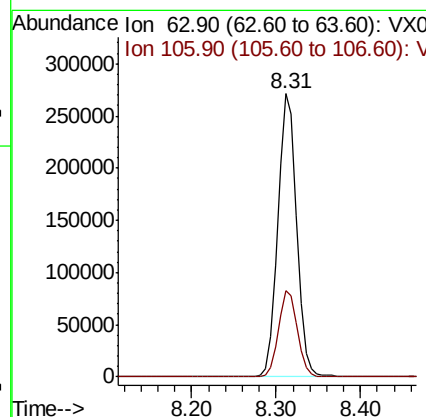
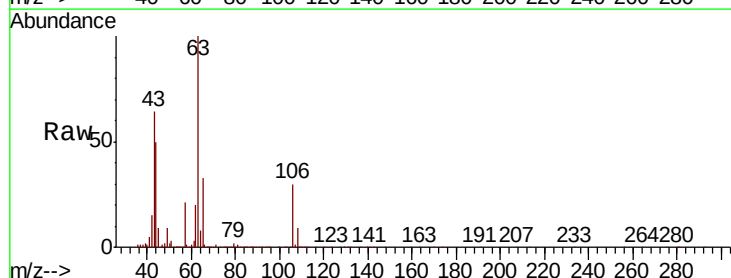
Instrument :
 MSVOA_X
 ClientSampled :
 VX1224WBS01

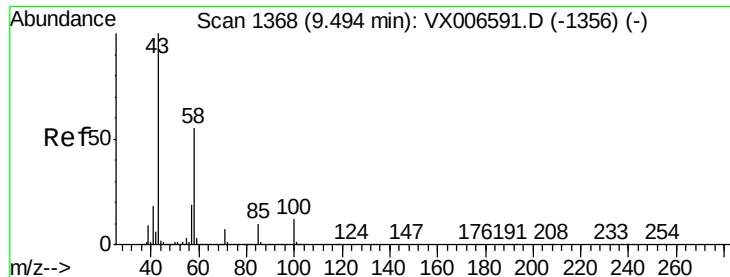
Tot Ion: 76 Resp: 180896
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.411 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX006788.D
 Acq: 24 Dec 2018 12:12

Tgt Ion: 63 Resp: 421030
 Ion Ratio Lower Upper
 63 100
 106 30.8 24.6 36.8

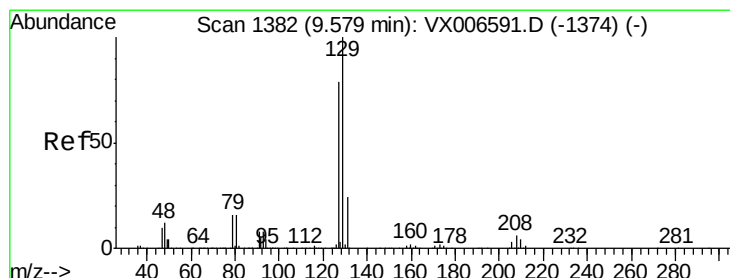
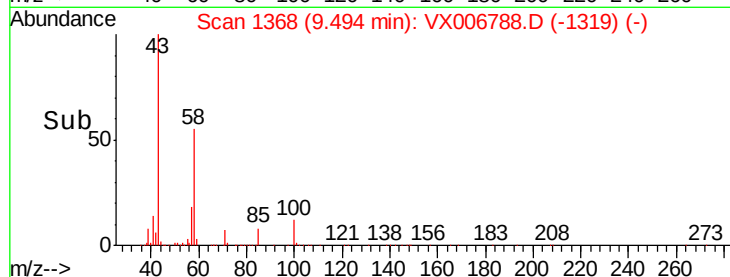
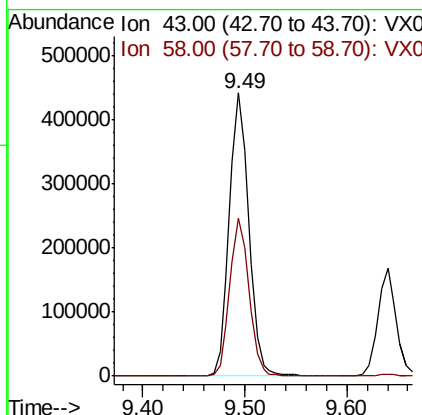
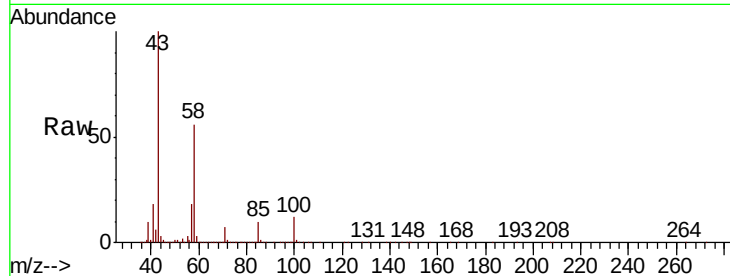




#59
2-Hexanone
Concen: 113.594 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

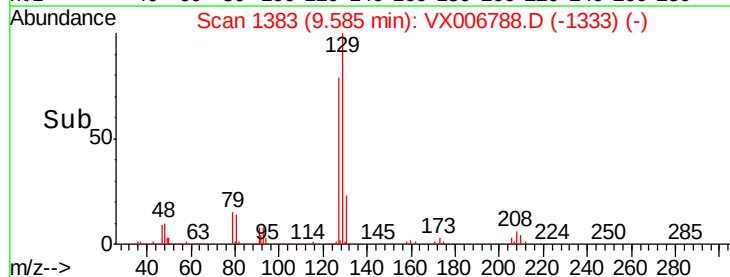
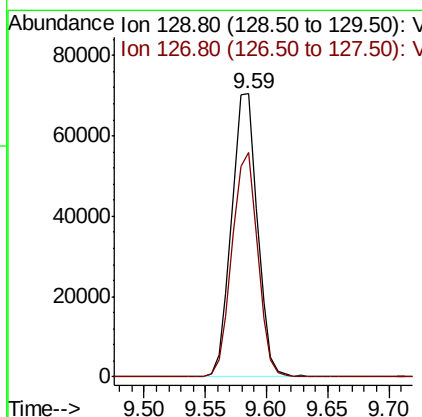
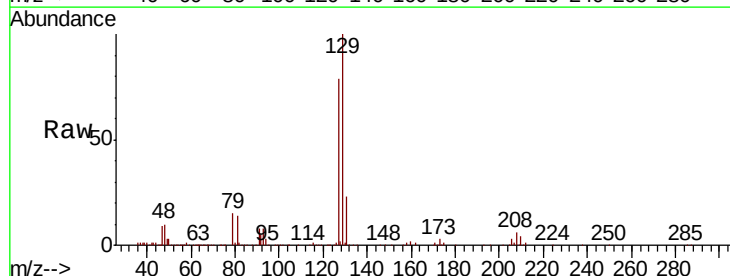
Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

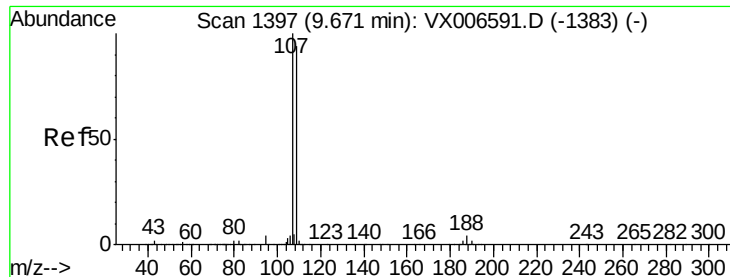
Tot Ion: 43 Resp: 584779
Ion Ratio Lower Upper
43 100
58 54.9 27.7 83.1



#60
Dibromochloromethane
Concen: 19.837 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

Tgt Ion: 129 Resp: 103101
Ion Ratio Lower Upper
129 100
127 78.4 39.3 117.8





#61

1,2-Dibromoethane

Concen: 20.820 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

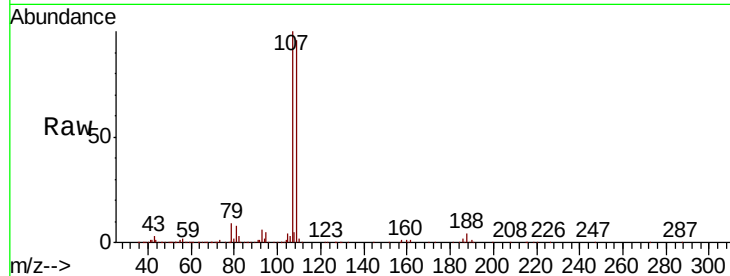
VX1224WBS01

Tot Ion: 107 Resp: 118789

Ion Ratio Lower Upper

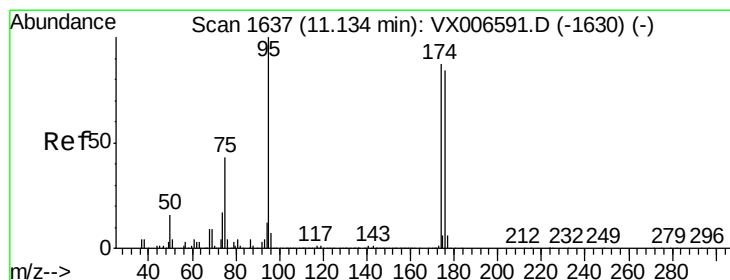
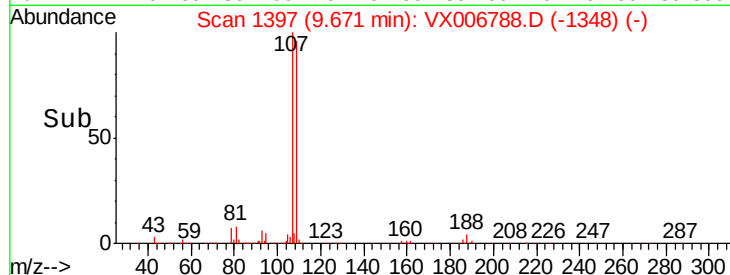
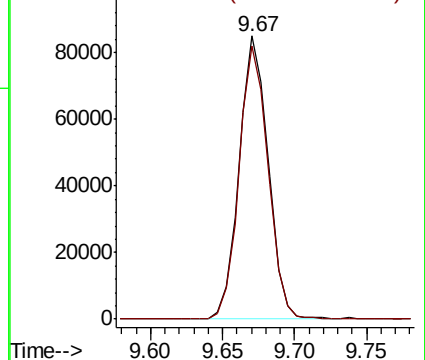
107 100

109 97.0 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.206 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

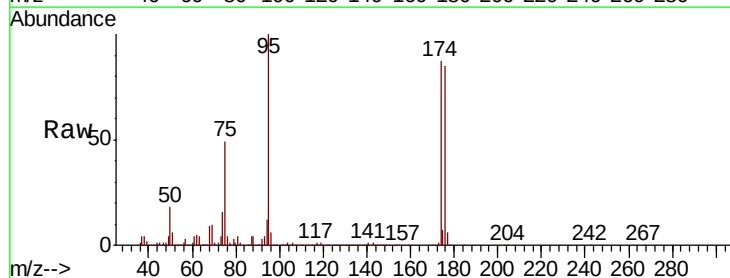
Tgt Ion: 95 Resp: 360468

Ion Ratio Lower Upper

95 100

174 91.2 0.0 182.2

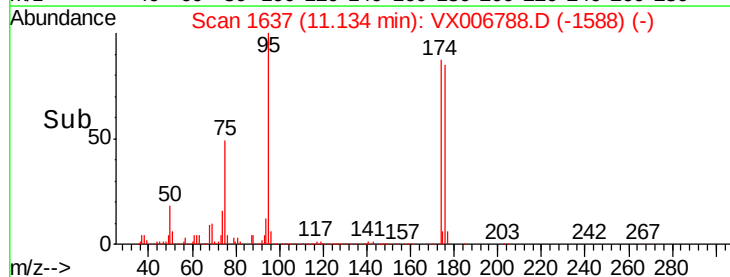
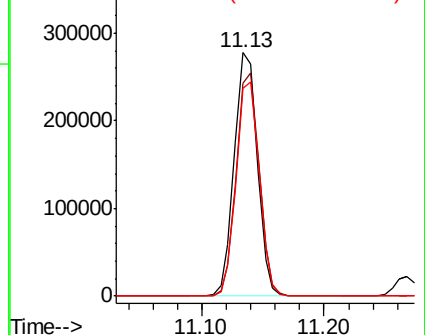
176 88.8 0.0 178.8

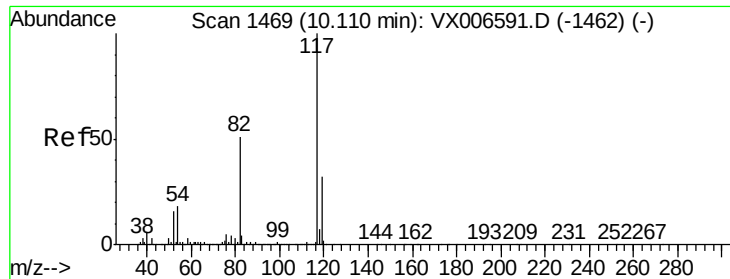


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

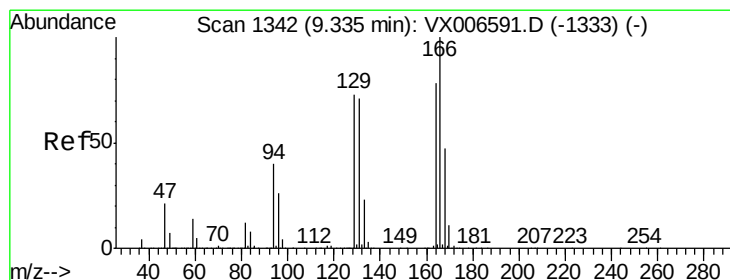
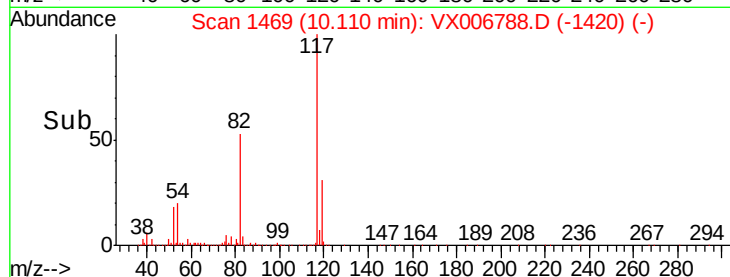
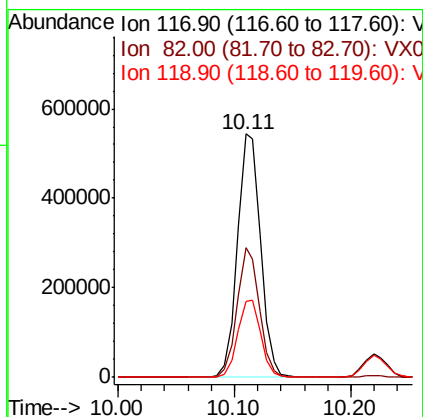
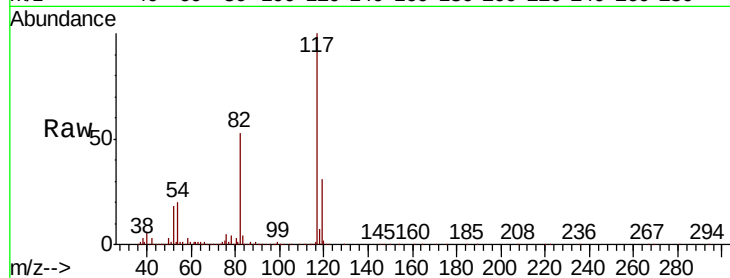




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

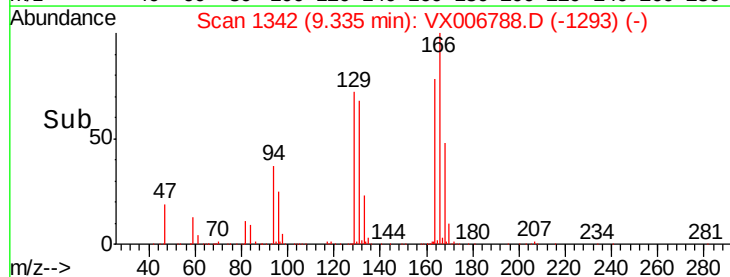
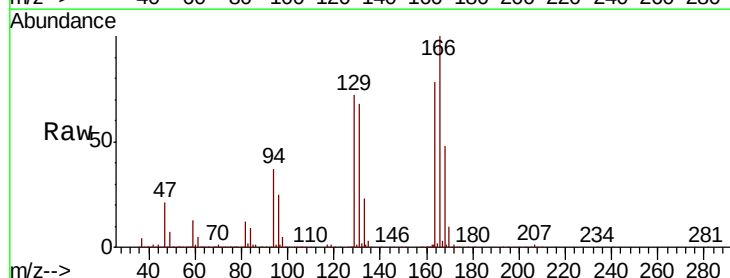
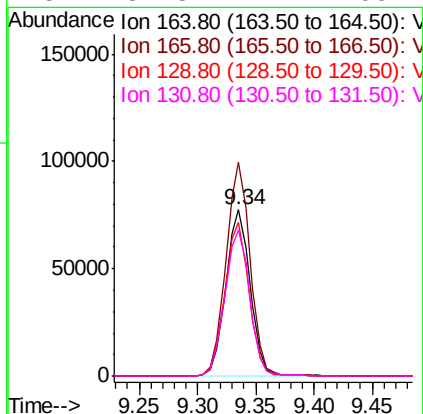
Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

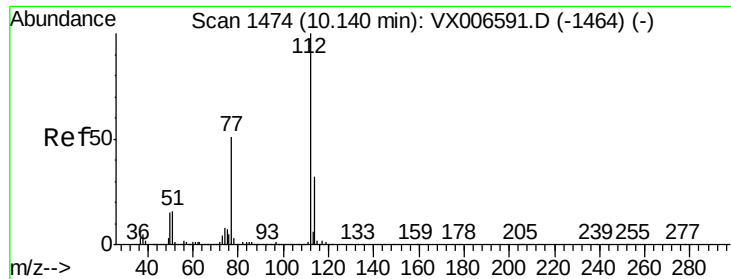
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	41.0	61.6
119	31.3	25.4	38.0



#64
Tetrachloroethene
Concen: 18.812 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.5	102.5	153.7
129	92.3	75.1	112.7
131	87.8	72.7	109.1

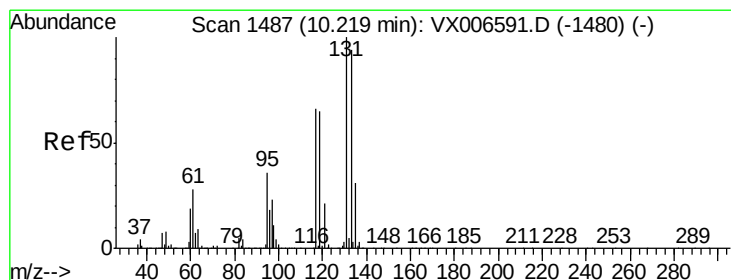
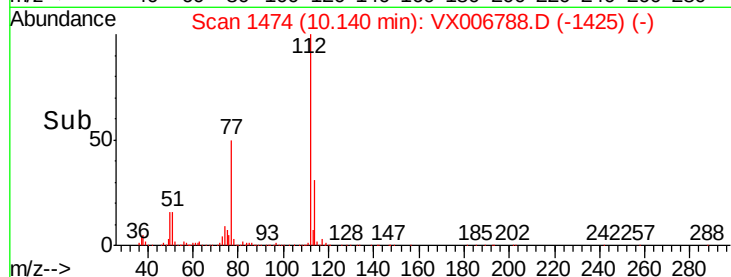
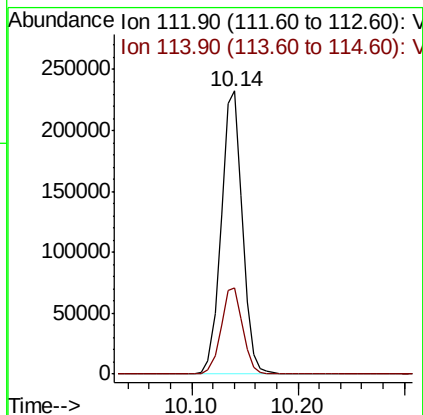
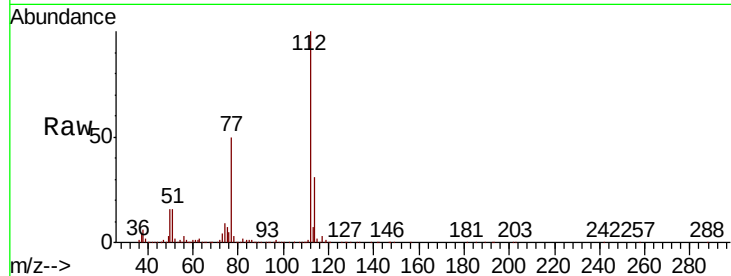




#65
Chlorobenzene
Concen: 20.233 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

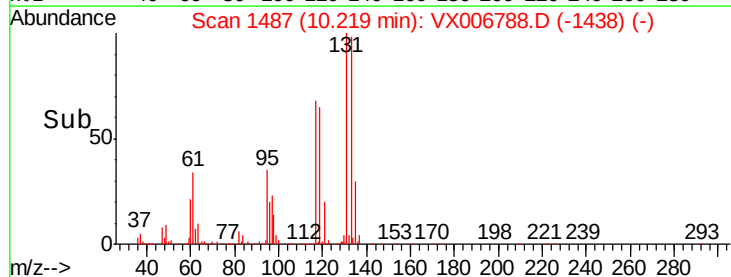
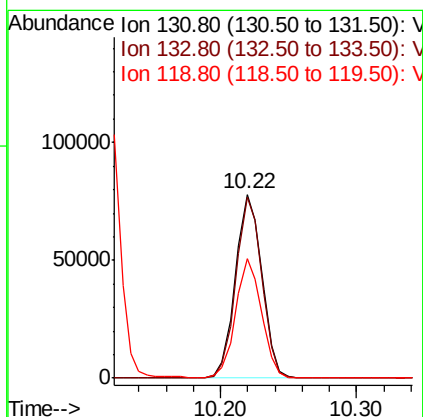
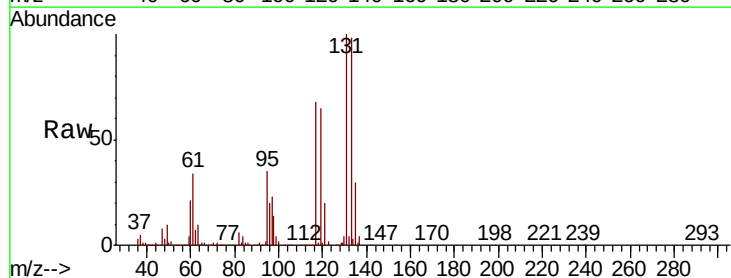
Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

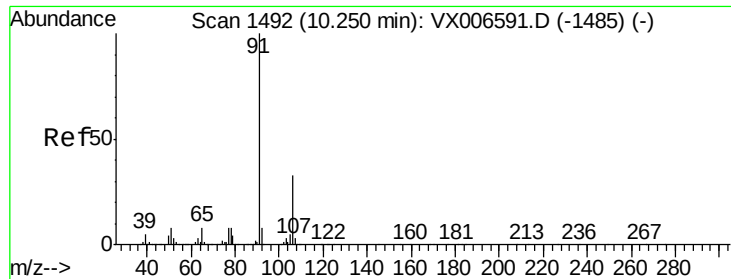
Tot Ion:112 Resp: 322412
Ion Ratio Lower Upper
112 100
114 30.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.276 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

Tgt Ion:131 Resp: 105781
Ion Ratio Lower Upper
131 100
133 96.4 48.0 144.2
119 63.4 32.6 97.8





#67

Ethyl Benzene

Concen: 19.985 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

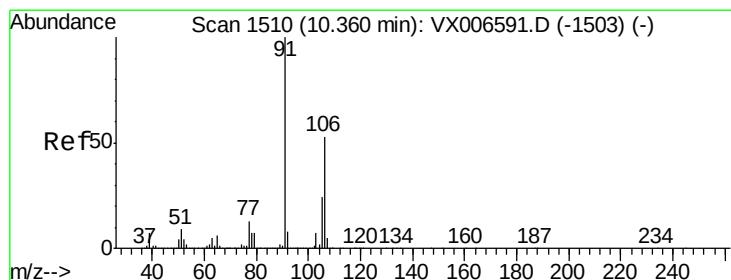
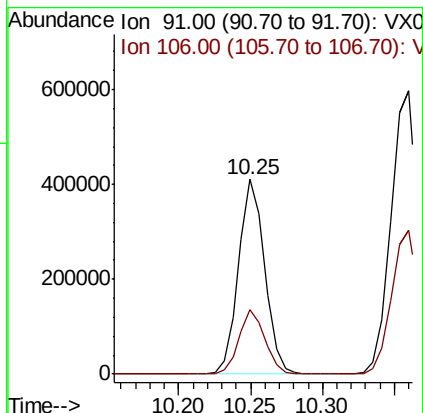
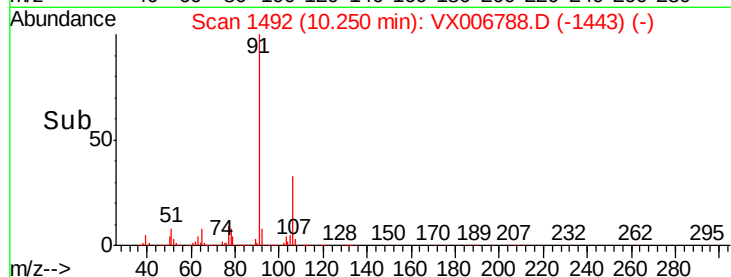
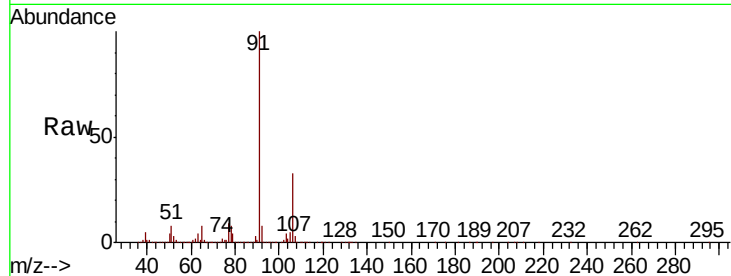
VX1224WBS01

Tot Ion: 91 Resp: 520403

Ion Ratio Lower Upper

91 100

106 32.8 26.4 39.6



#68

m/p-Xylenes

Concen: 39.914 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006788.D

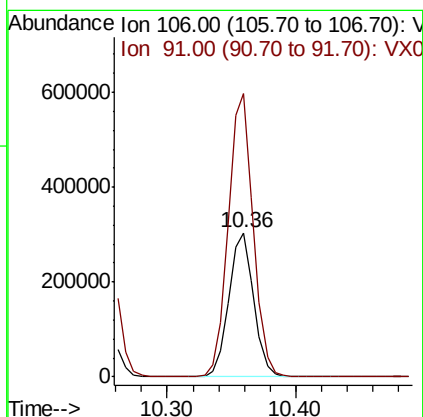
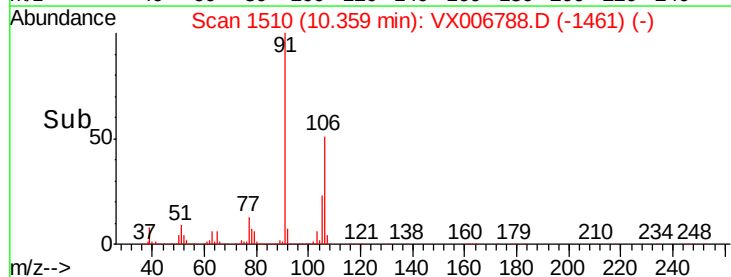
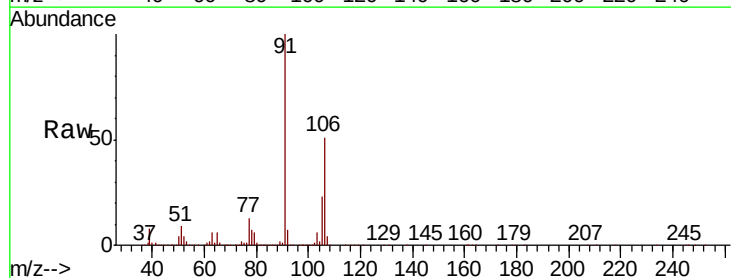
Acq: 24 Dec 2018 12:12

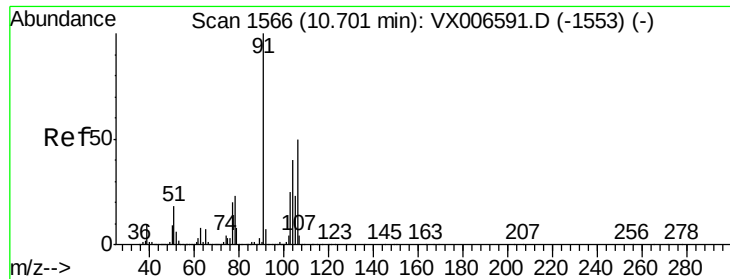
Tgt Ion: 106 Resp: 410121

Ion Ratio Lower Upper

106 100

91 197.1 155.8 233.6

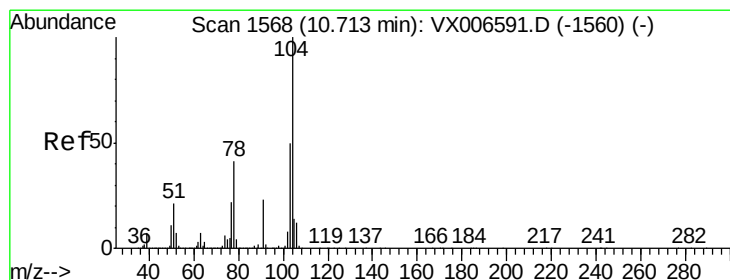
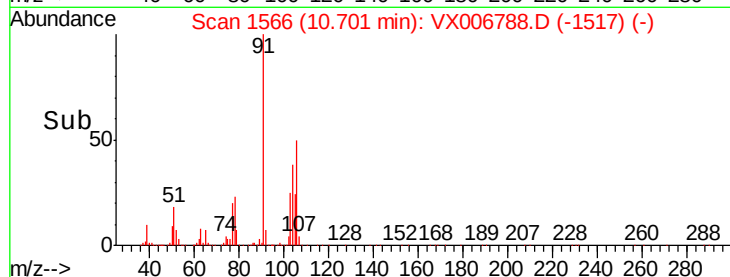
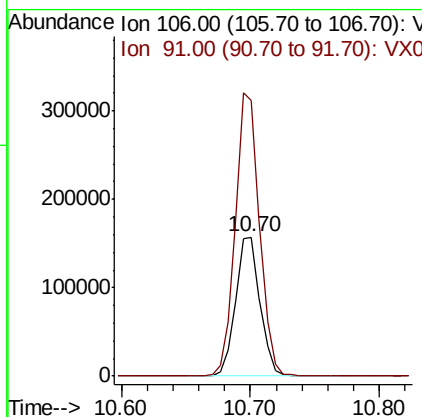
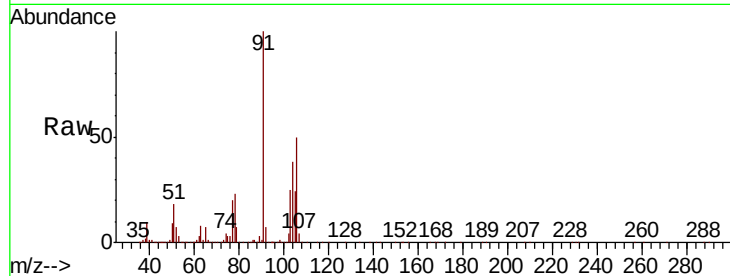




#69
o-Xylene
Concen: 20.412 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

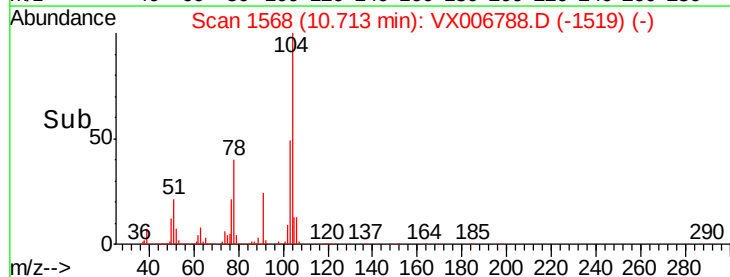
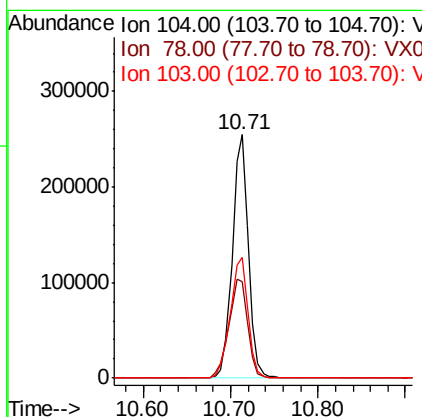
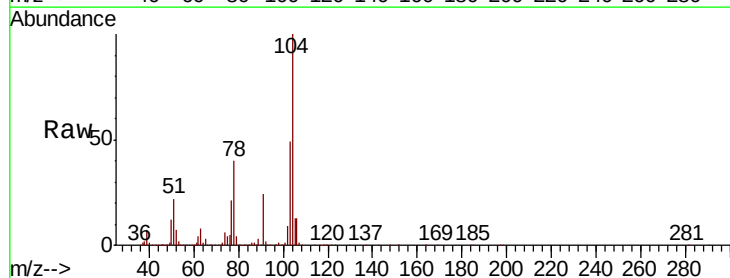
Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

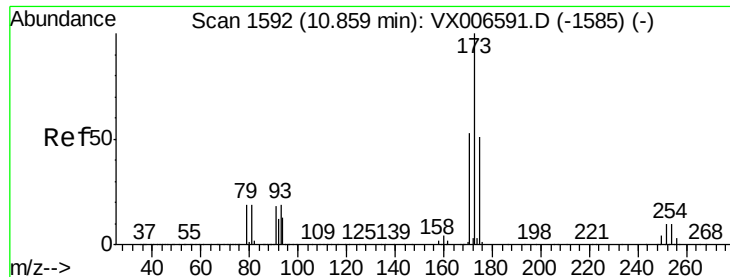
Tot Ion:106 Resp: 207112
Ion Ratio Lower Upper
106 100
91 202.6 101.3 303.7



#70
Styrene
Concen: 20.339 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

Tgt Ion:104 Resp: 326493
Ion Ratio Lower Upper
104 100
78 47.8 37.7 56.5
103 55.2 43.8 65.8





#71

Bromoform

Concen: 19.477 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampled :

VX1224WBS01

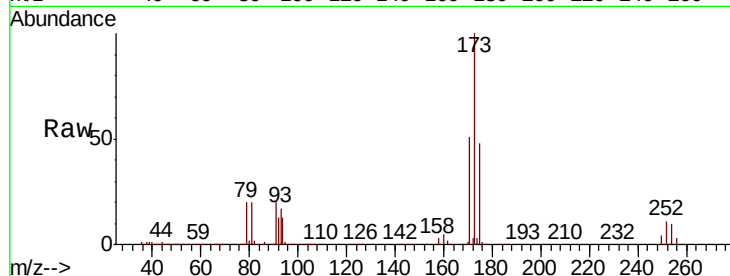
Tot Ion:173 Resp: 73943

Ion Ratio Lower Upper

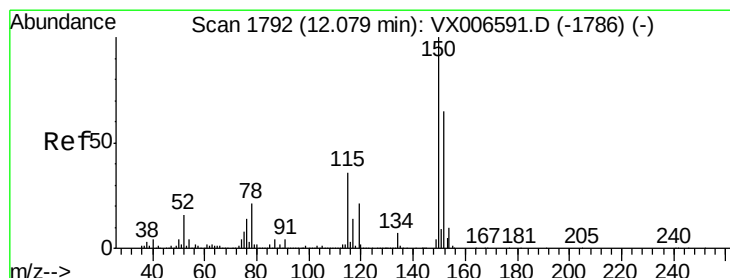
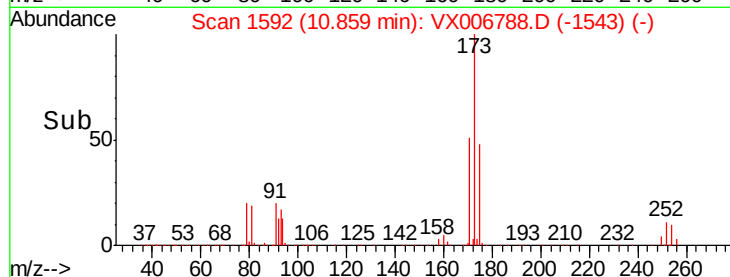
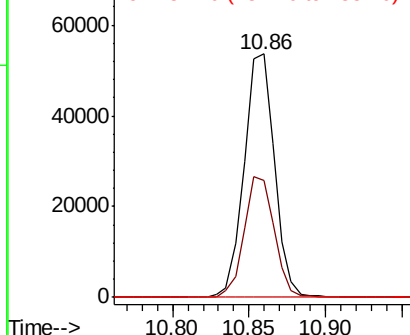
173 100

175 49.3 24.7 74.1

254 0.0 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: VX006788.D

Acq: 24 Dec 2018 12:12

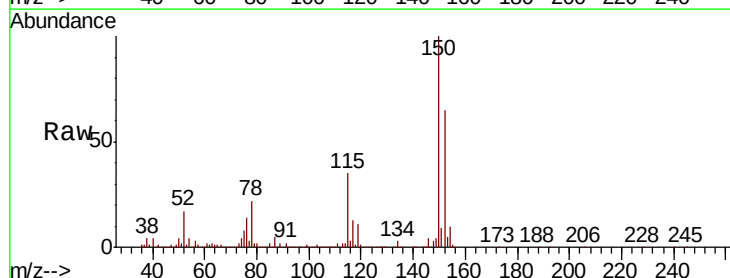
Tgt Ion:152 Resp: 388838

Ion Ratio Lower Upper

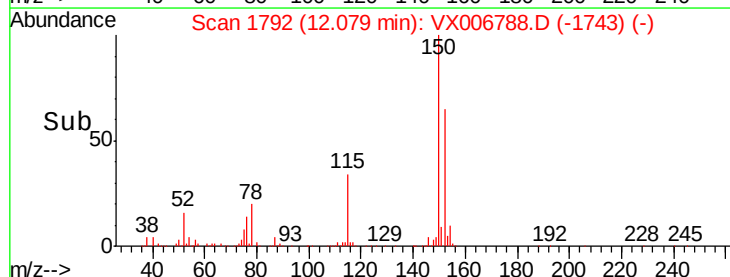
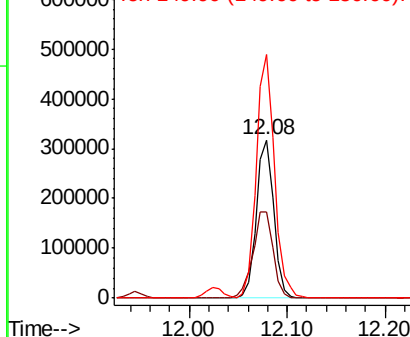
152 100

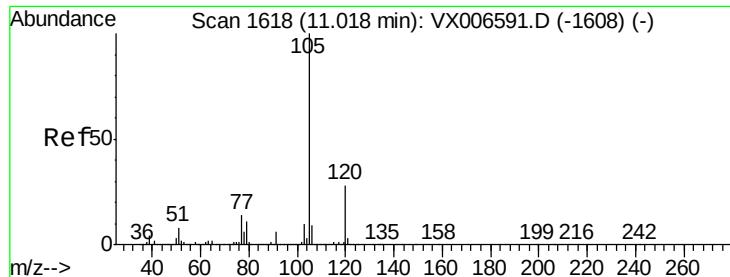
115 63.9 39.1 117.2

150 160.6 0.0 344.8



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: 20.317 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

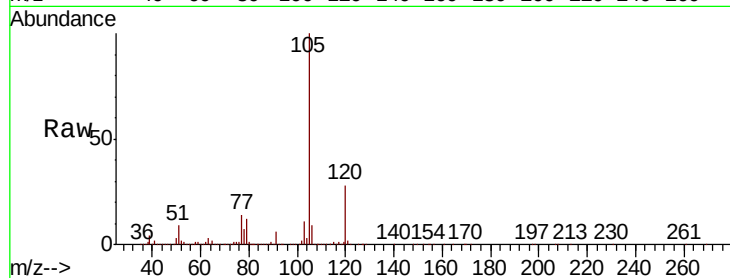
VX1224WBS01

Tot Ion:105 Resp: 540453

Ion Ratio Lower Upper

105 100

120 28.2 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

400000

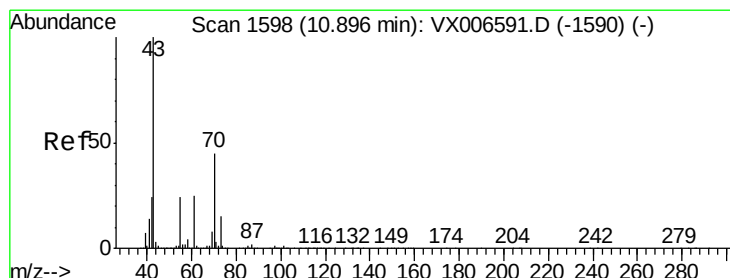
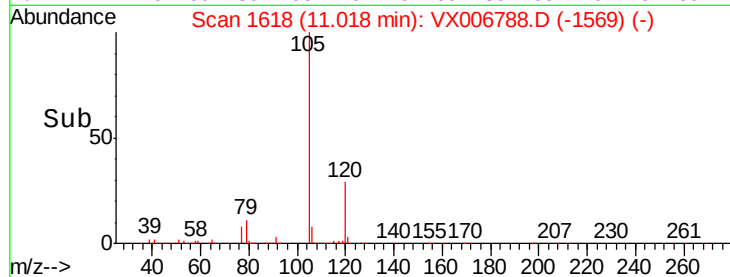
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 21.701 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Tgt Ion: 43 Resp: 206627

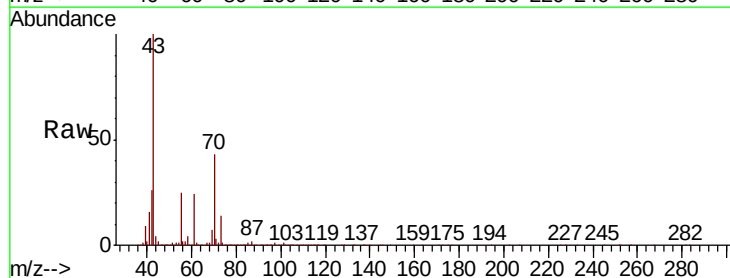
Ion Ratio Lower Upper

43 100

70 43.4 35.8 53.8

55 25.5 19.4 29.0

61 24.7 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

250000

200000

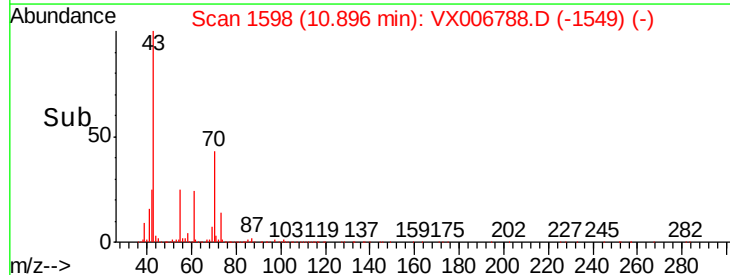
150000

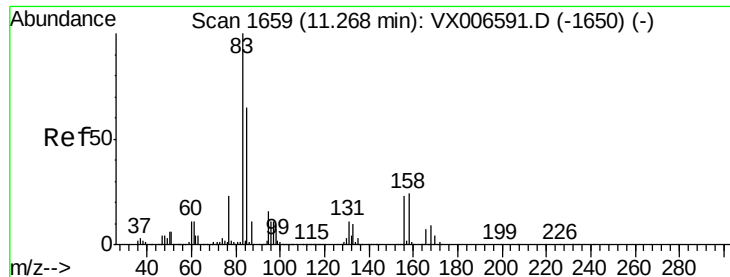
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.460 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

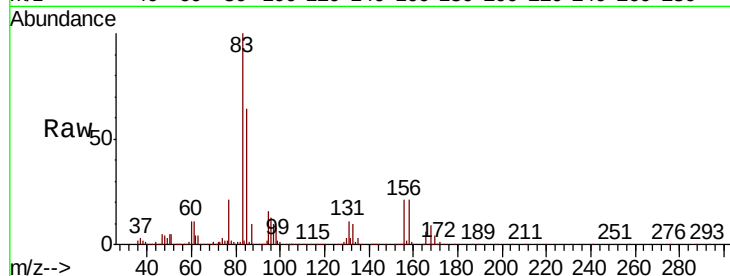
Tot Ion: 83 Resp: 177686

Ion Ratio Lower Upper

83 100

131 11.4 5.7 17.1

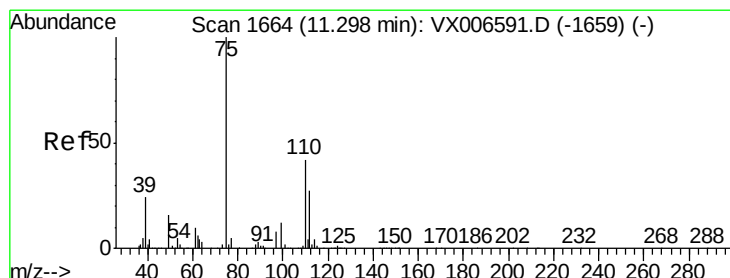
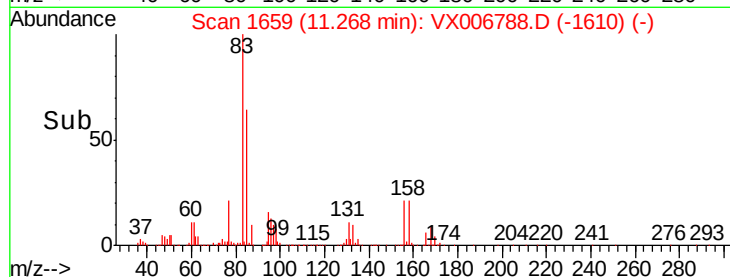
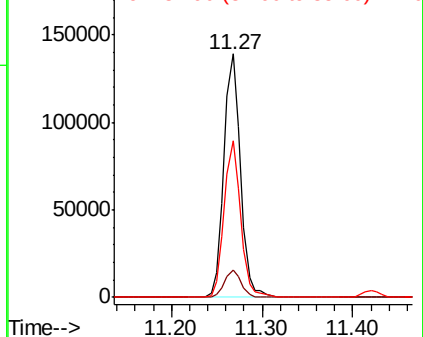
85 64.1 32.2 96.6



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: 24.950 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX006788.D

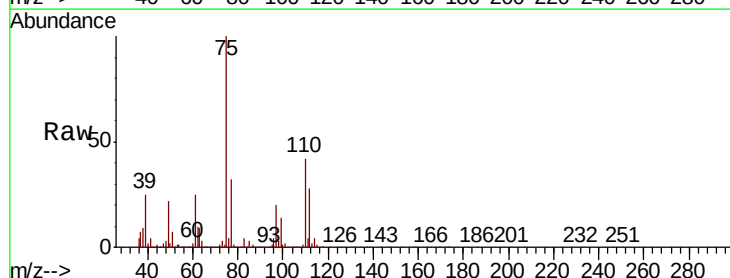
Acq: 24 Dec 2018 12:12

Tgt Ion: 75 Resp: 180293

Ion Ratio Lower Upper

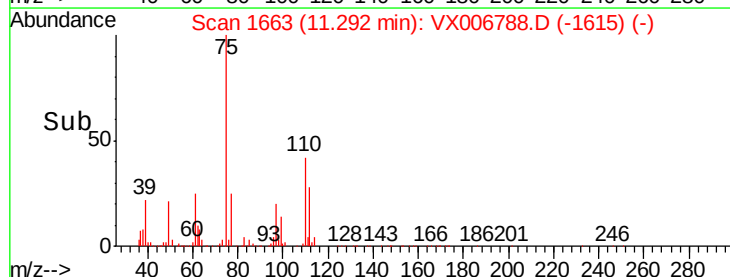
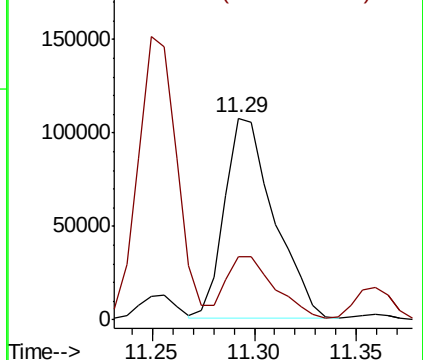
75 100

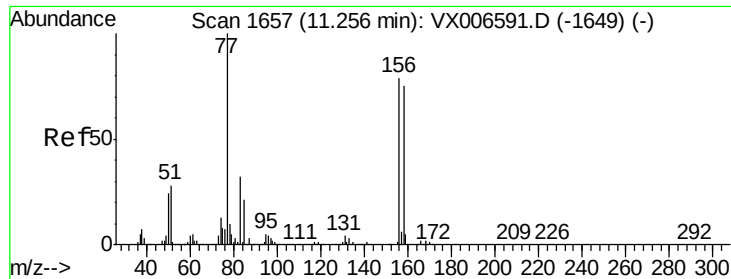
77 30.6 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.528 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

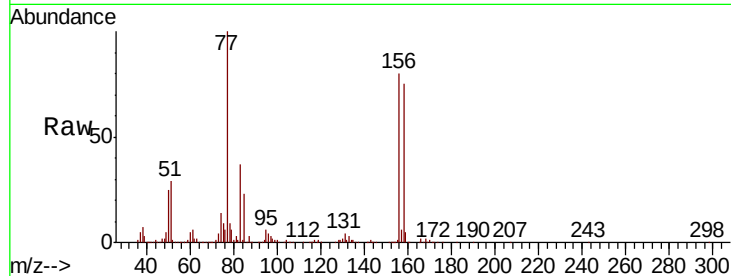
Tot Ion:156 Resp: 147634

Ion Ratio Lower Upper

156 100

77 136.9 68.0 204.0

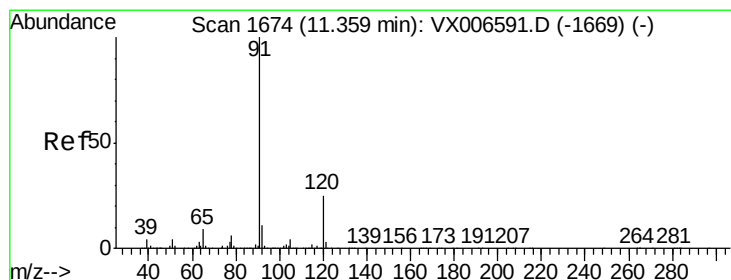
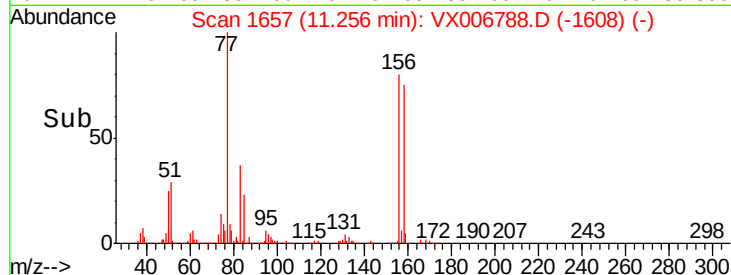
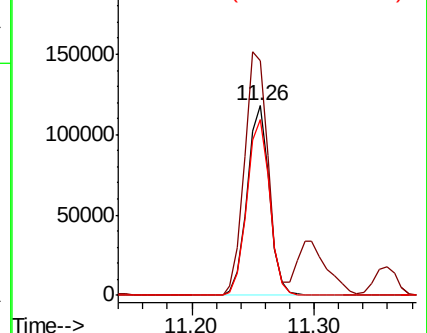
158 95.5 48.3 144.8



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: 20.150 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006788.D

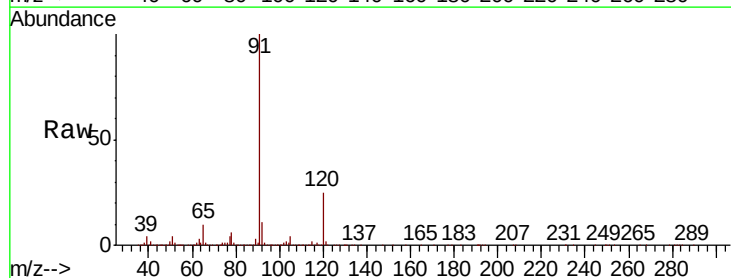
Acq: 24 Dec 2018 12:12

Tgt Ion: 91 Resp: 590250

Ion Ratio Lower Upper

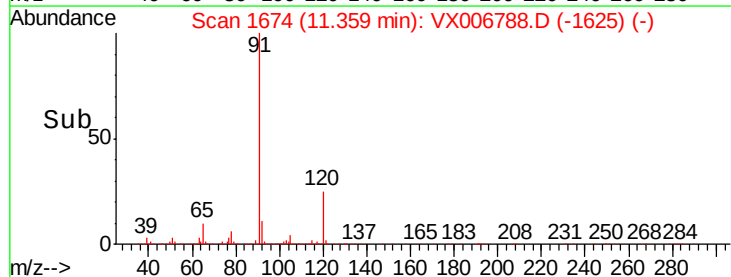
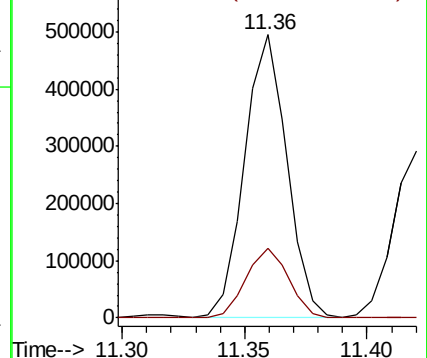
91 100

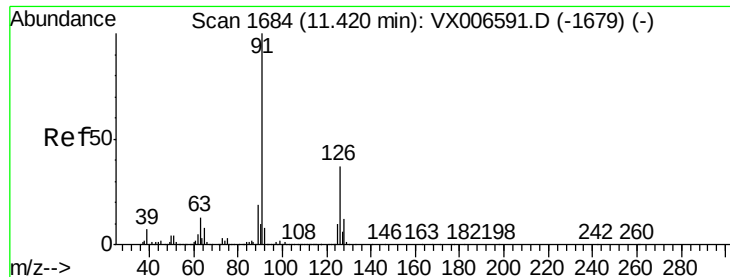
120 25.2 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.215 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampled :

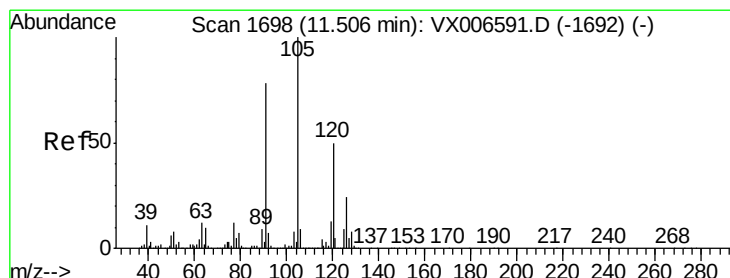
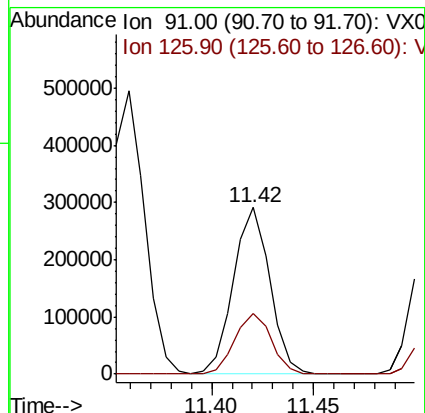
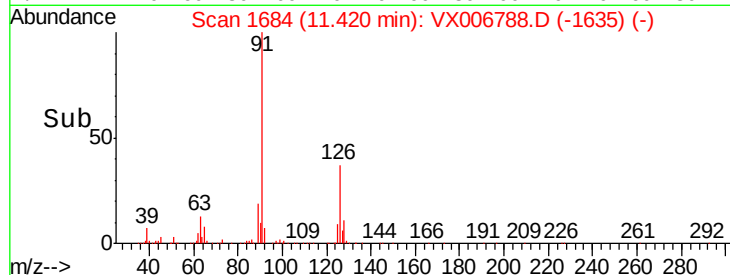
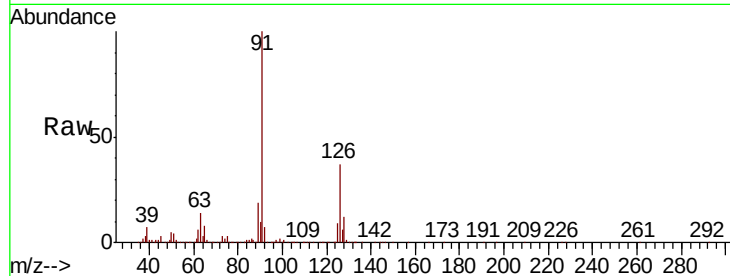
VX1224WBS01

Tot Ion: 91 Resp: 358858

Ion Ratio Lower Upper

91 100

126 36.9 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 20.641 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006788.D

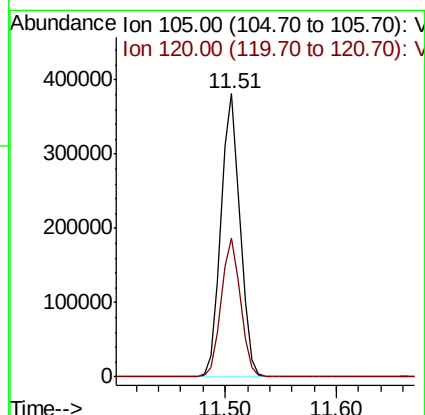
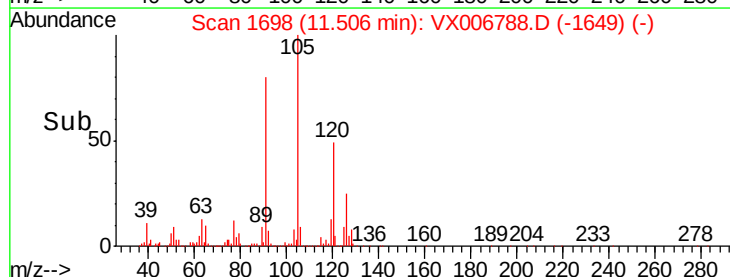
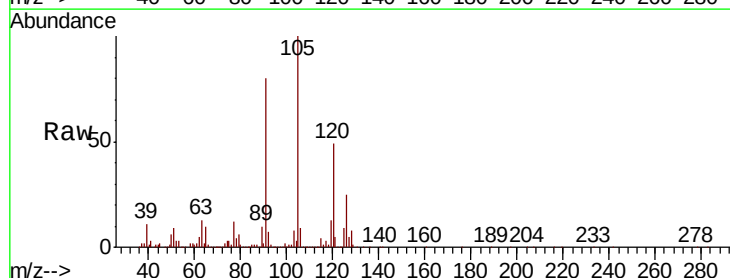
Acq: 24 Dec 2018 12:12

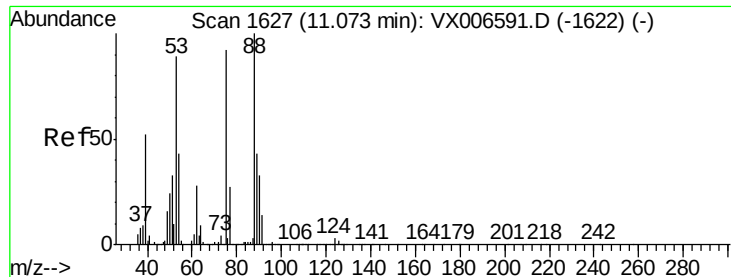
Tgt Ion: 105 Resp: 452257

Ion Ratio Lower Upper

105 100

120 49.4 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 18.380 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampled :

VX1224WBS01

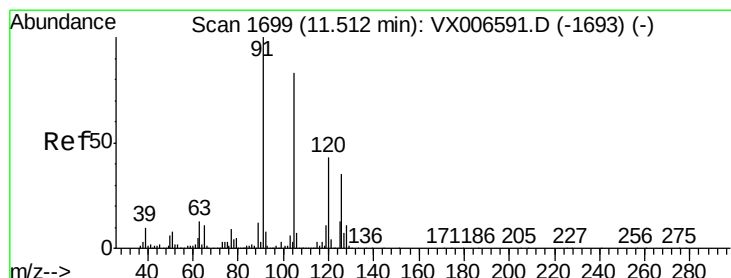
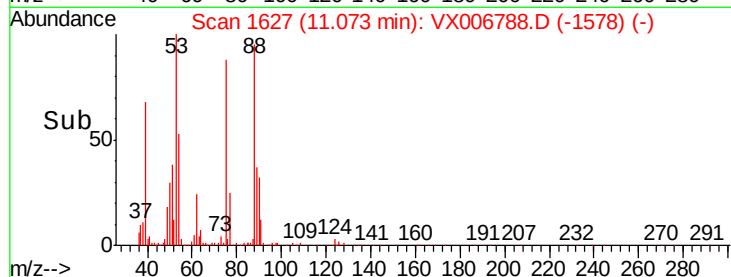
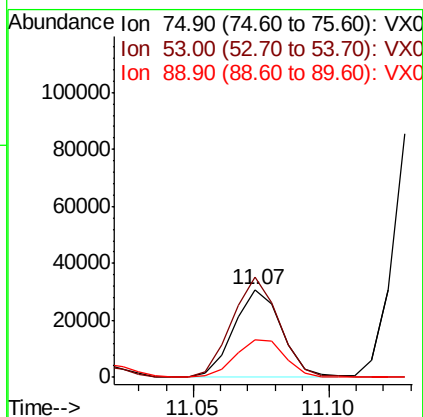
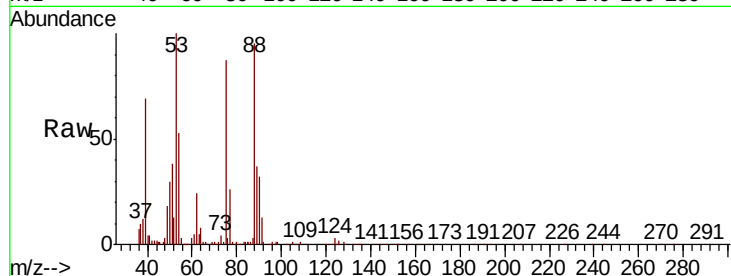
Tot Ion: 75 Resp: 36701

Ion Ratio Lower Upper

75 100

53 114.6 79.7 119.5

89 45.4 38.0 57.0



#82

4-Chlorotoluene

Concen: 20.090 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006788.D

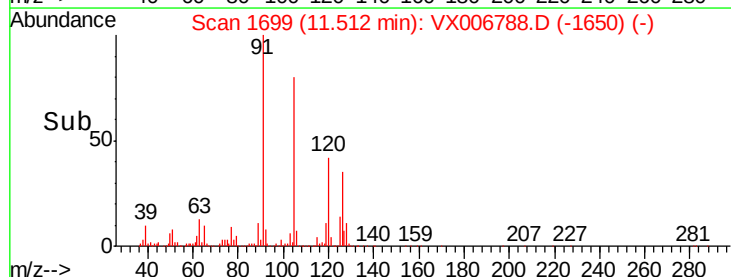
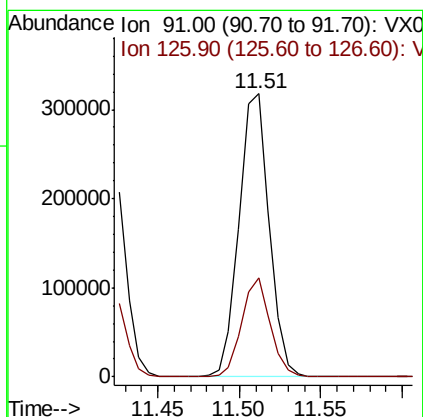
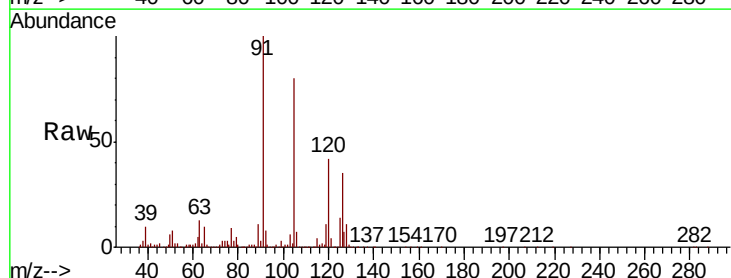
Acq: 24 Dec 2018 12:12

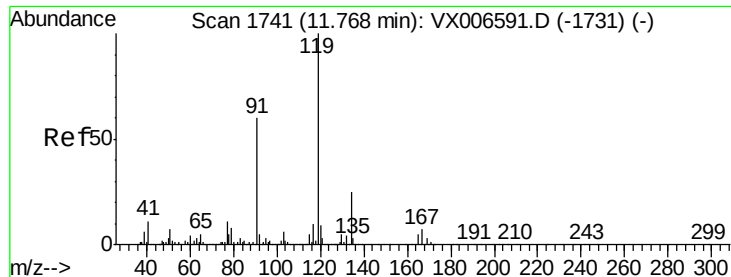
Tgt Ion: 91 Resp: 409090

Ion Ratio Lower Upper

91 100

126 33.2 16.3 48.9

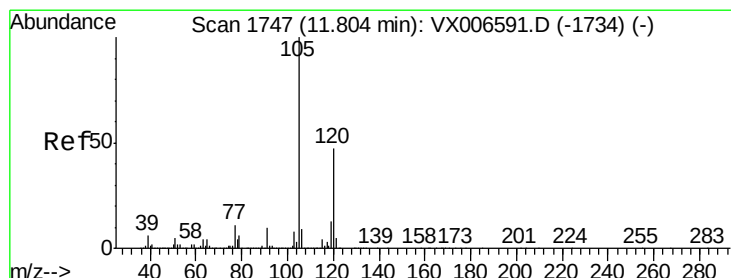
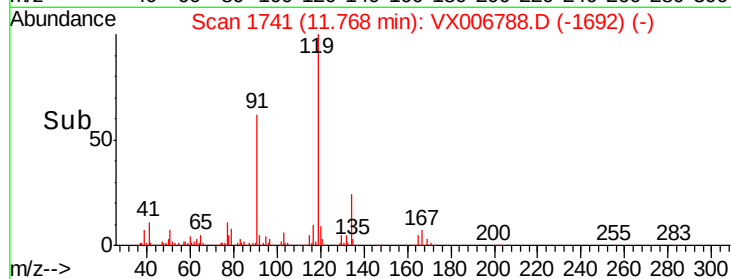
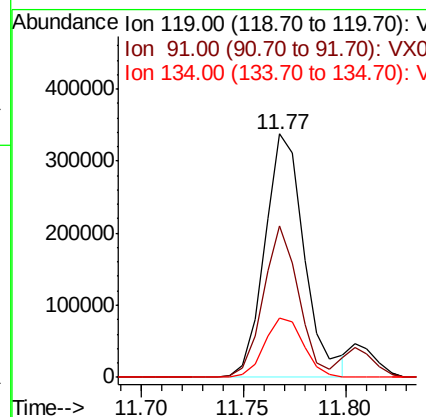
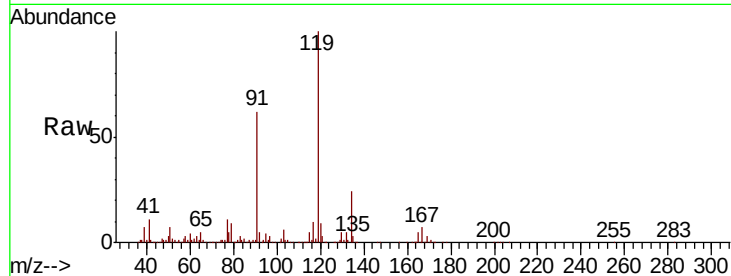




#83
 tert-Butylbenzene
 Concen: 20.804 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX006788.D
 Acq: 24 Dec 2018 12:12

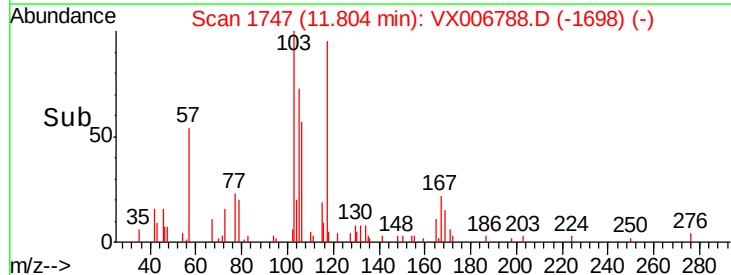
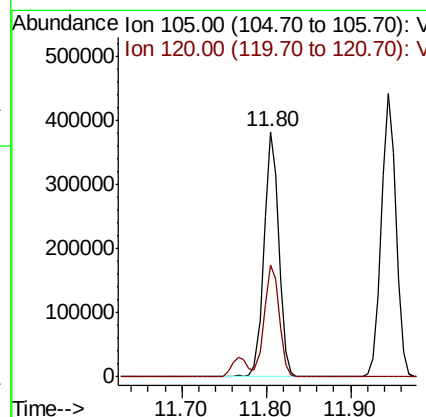
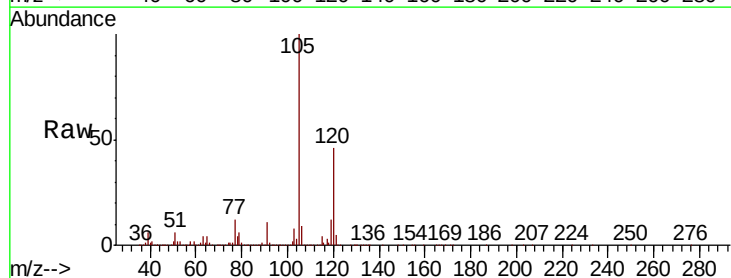
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBS01

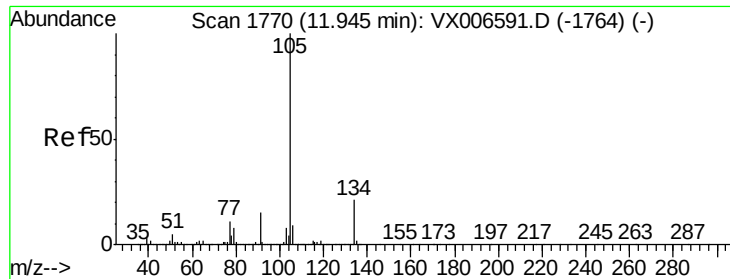
Tot Ion:119 Resp: 456215
 Ion Ratio Lower Upper
 119 100
 91 55.5 27.7 83.1
 134 24.2 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 20.088 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX006788.D
 Acq: 24 Dec 2018 12:12

Tgt Ion:105 Resp: 462941
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 19.919 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

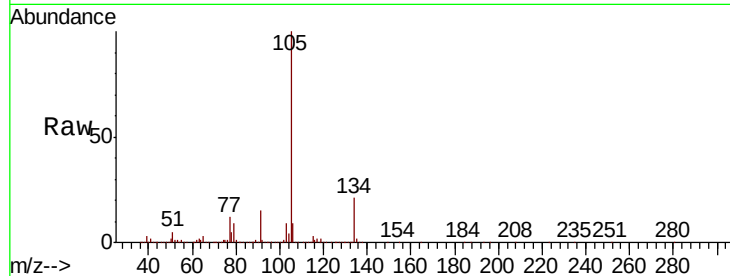
VX1224WBS01

Tot Ion:105 Resp: 535558

Ion Ratio Lower Upper

105 100

134 21.8 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

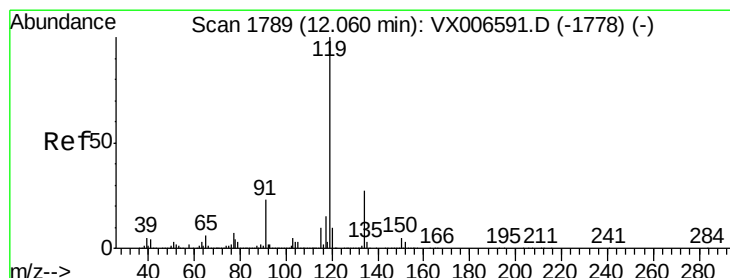
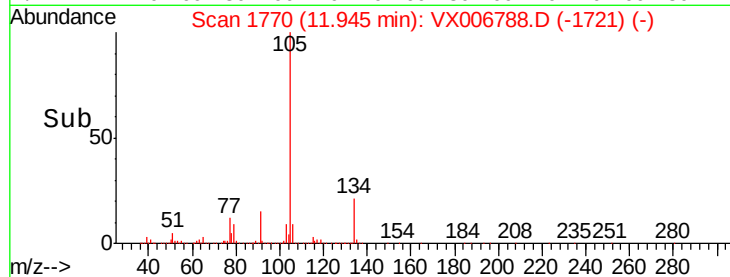
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.426 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

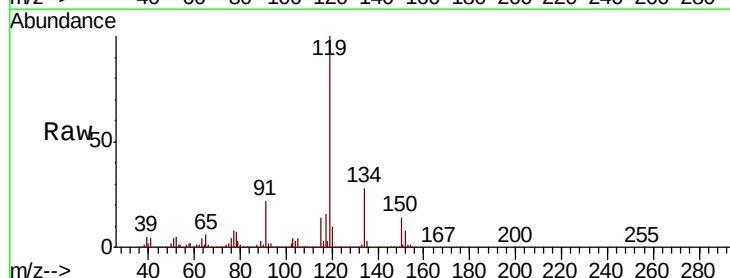
Tgt Ion:119 Resp: 482746

Ion Ratio Lower Upper

119 100

134 28.2 14.0 41.9

91 22.2 11.3 33.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

400000

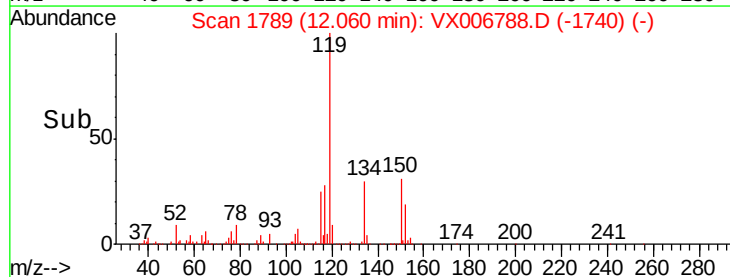
300000

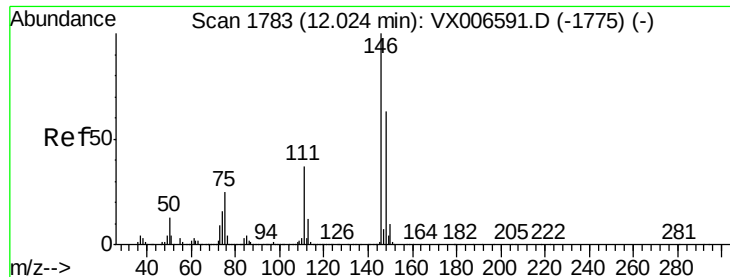
200000

100000

0

Time-->

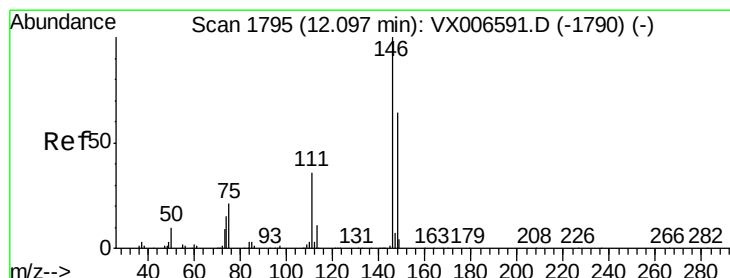
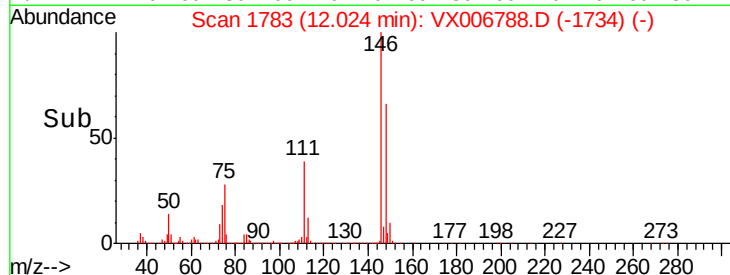
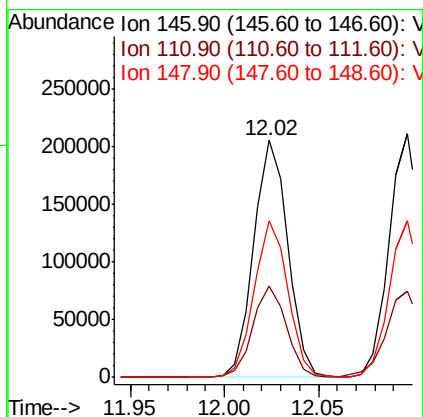
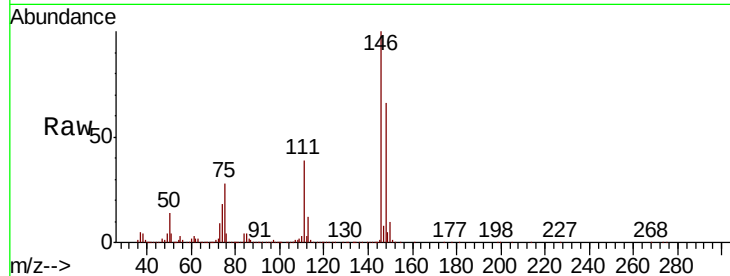




#87
 1,3-Dichlorobenzene
 Concen: 19.977 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006788.D
 Acq: 24 Dec 2018 12:12

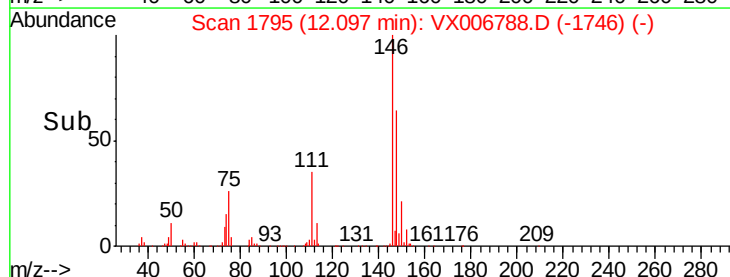
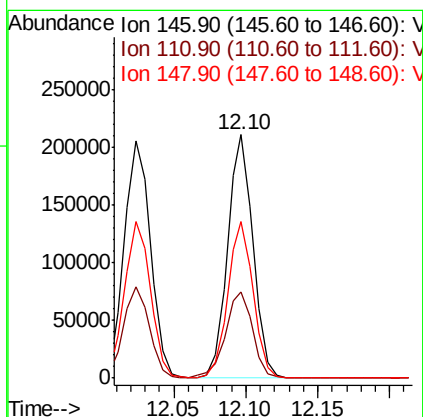
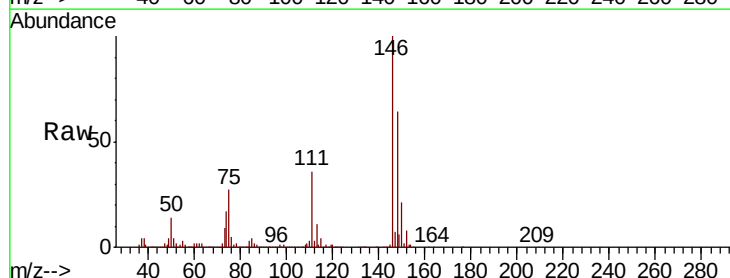
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBS01

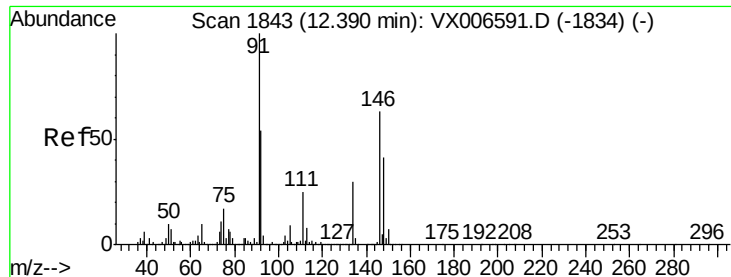
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.6	55.8
148	65.2	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.686 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006788.D
 Acq: 24 Dec 2018 12:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.1	54.1
148	64.4	31.9	95.9

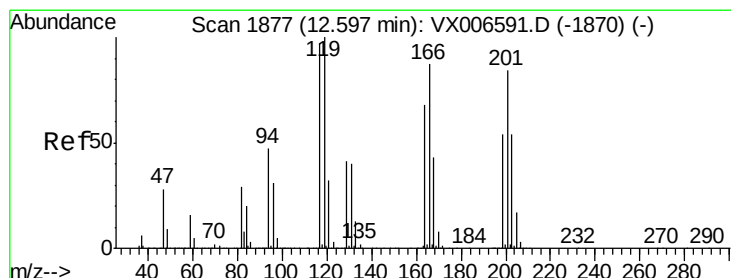
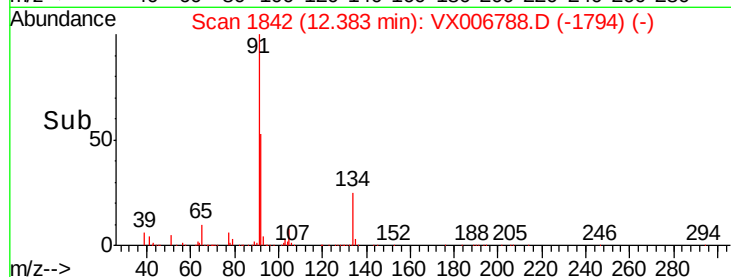
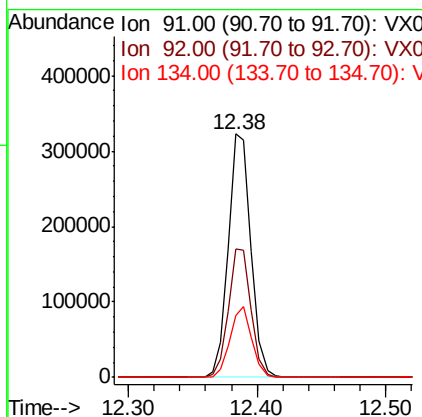
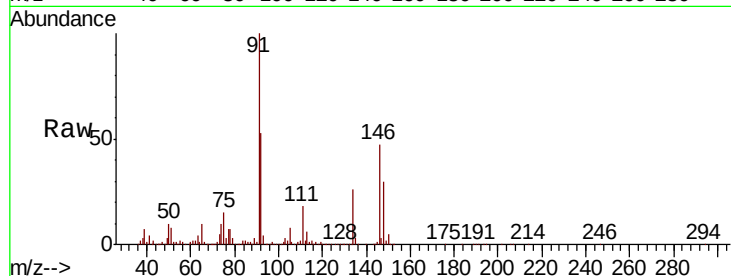




#89
n-Butylbenzene
Concen: 19.850 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

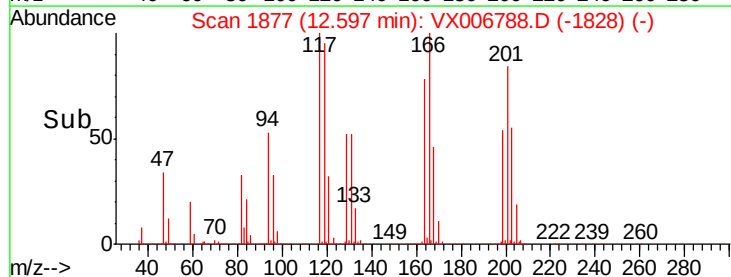
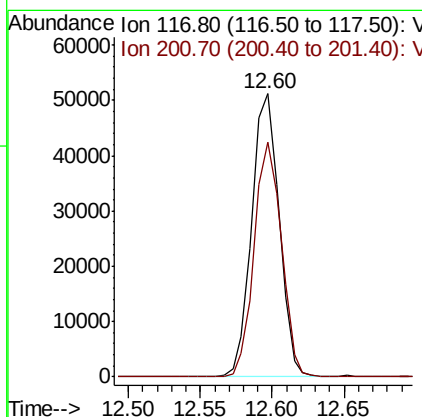
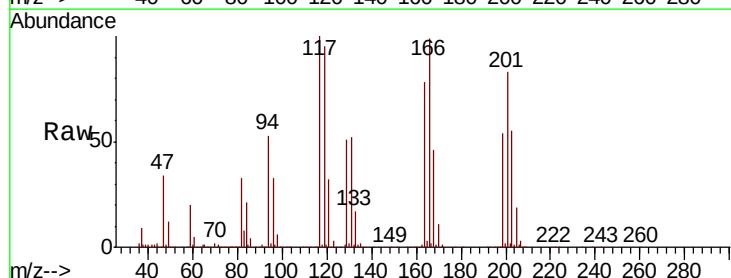
Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

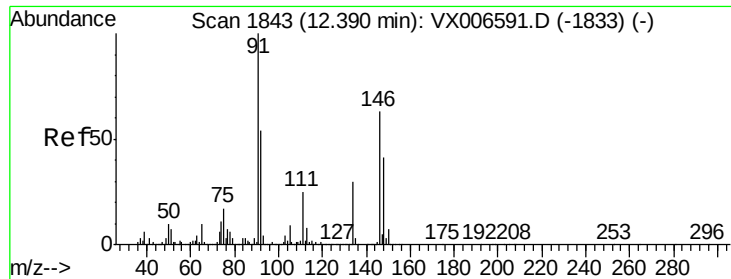
Tot Ion: 91 Resp: 399251
Ion Ratio Lower Upper
91 100
92 52.7 26.8 80.4
134 27.8 14.4 43.2



#90
Hexachloroethane
Concen: 20.274 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

Tgt Ion: 117 Resp: 67236
Ion Ratio Lower Upper
117 100
201 82.2 42.9 128.7

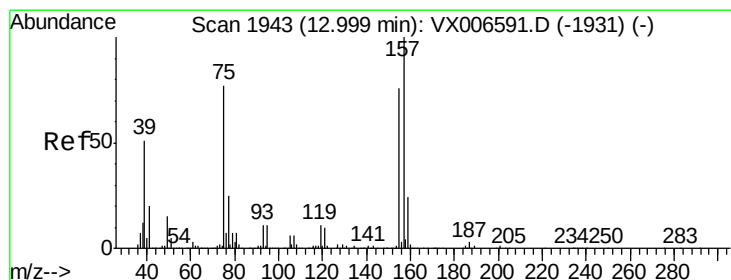
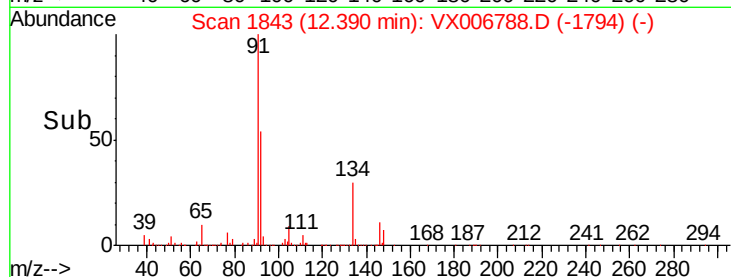
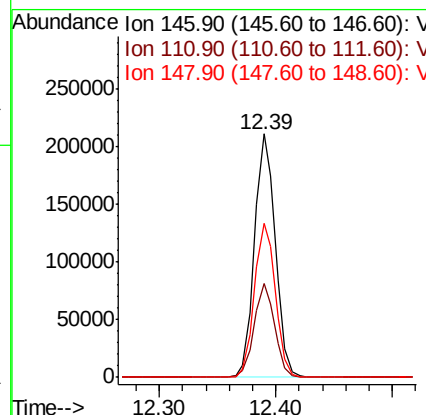
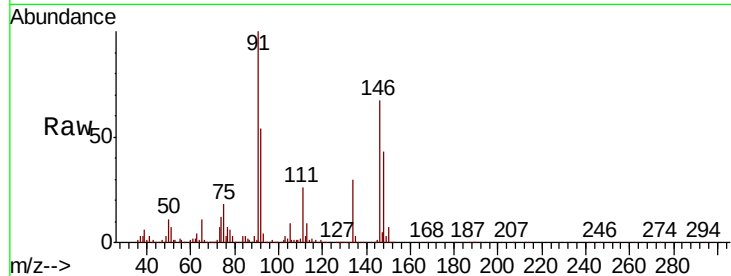




#91
 1,2-Dichlorobenzene
 Concen: 20.368 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006788.D
 Acq: 24 Dec 2018 12:12

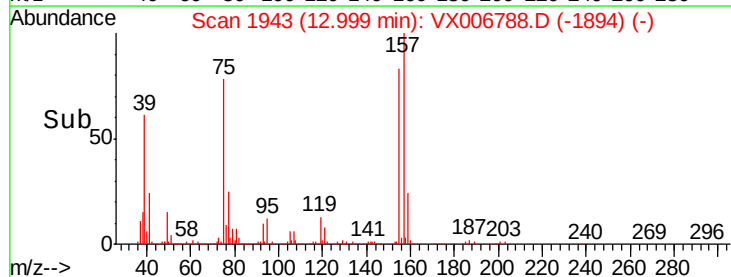
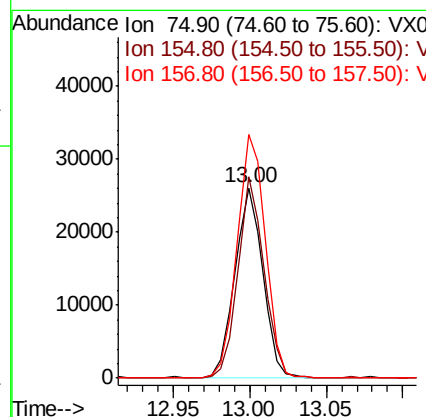
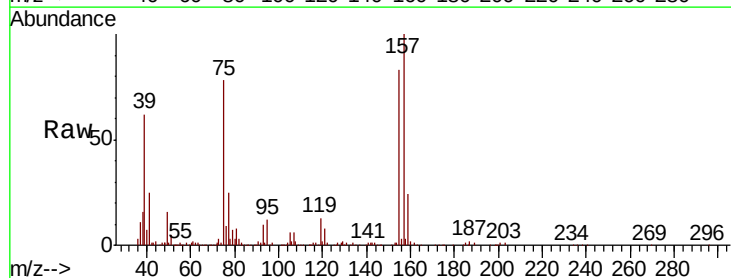
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBS01

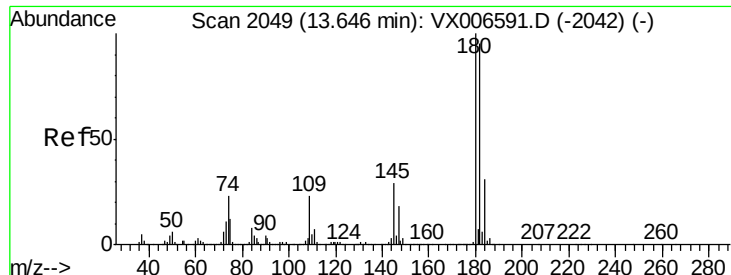
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.4	58.2
148	63.9	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.216 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006788.D
 Acq: 24 Dec 2018 12:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.0	50.6	151.8
157	128.9	64.6	193.8

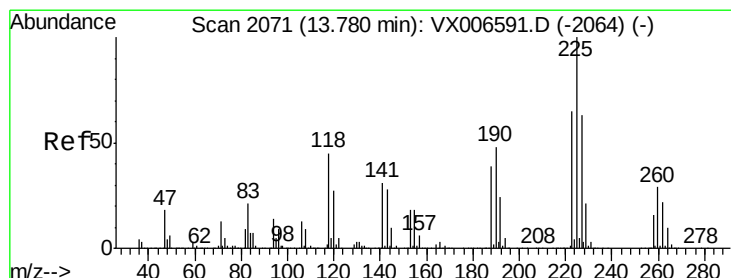
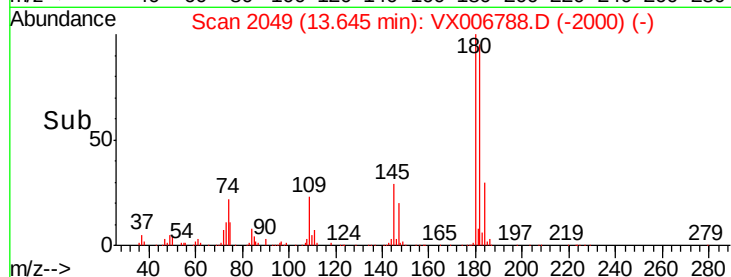
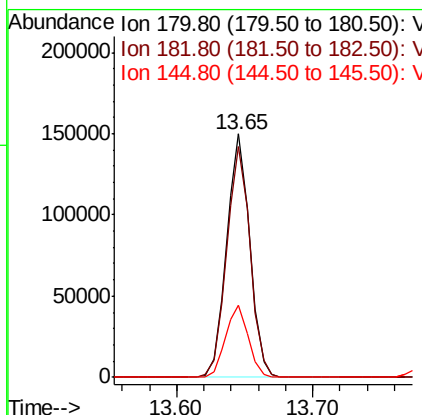
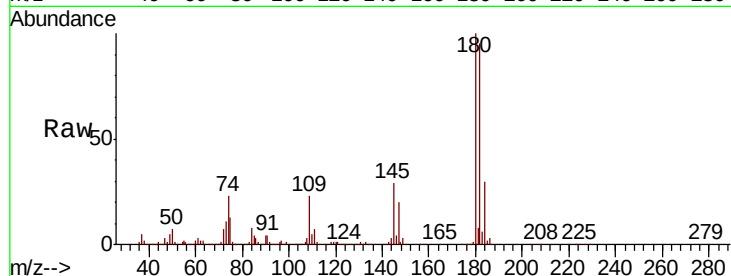




#93
 1,2,4-Trichlorobenzene
 Concen: 19.675 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006788.D
 Acq: 24 Dec 2018 12:12

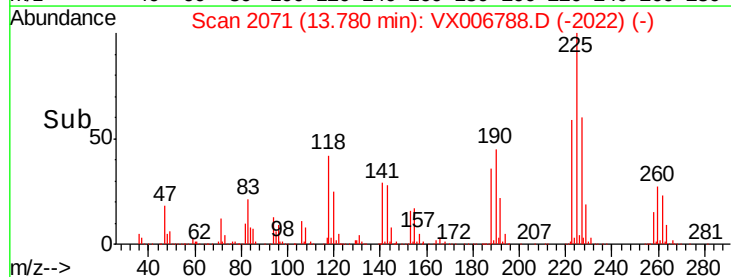
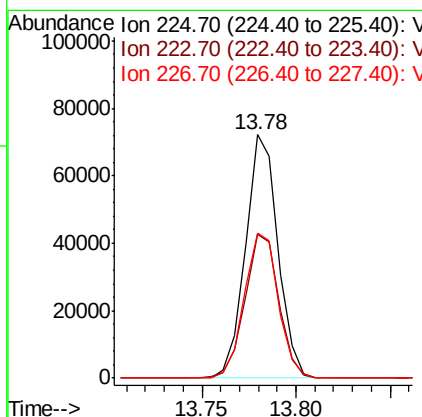
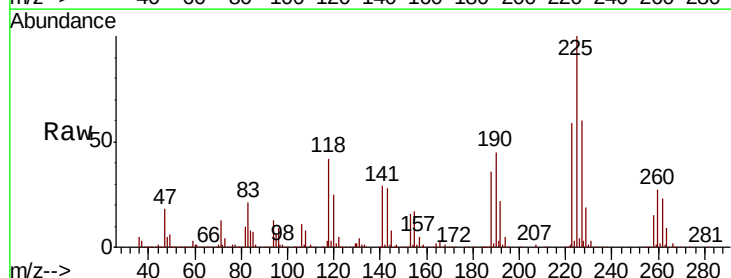
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBS01

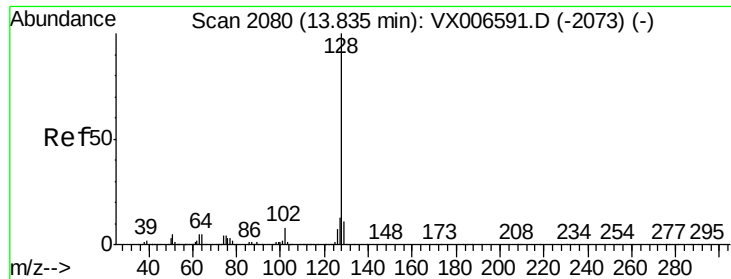
Tot Ion:180 Resp: 175972
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.3 142.0
 145 29.3 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 20.373 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX006788.D
 Acq: 24 Dec 2018 12:12

Tgt Ion:225 Resp: 85883
 Ion Ratio Lower Upper
 225 100
 223 61.7 32.1 96.3
 227 62.6 32.3 96.8





#95

Naphthalene

Concen: 19.831 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

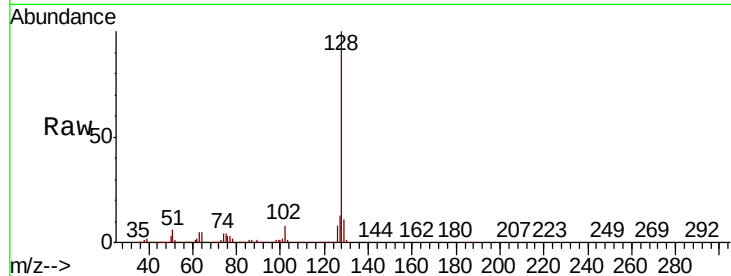
Tot Ion:128 Resp: 566072

Ion Ratio Lower Upper

128 100

127 13.0 10.1 15.1

129 10.7 8.6 13.0

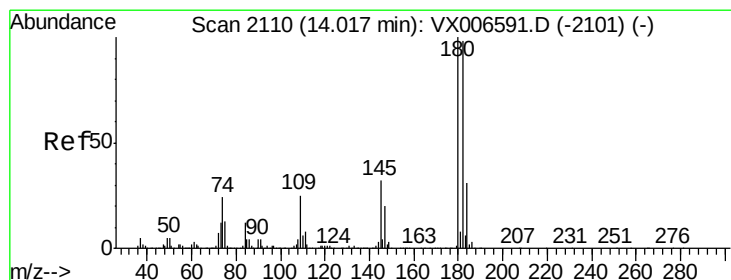
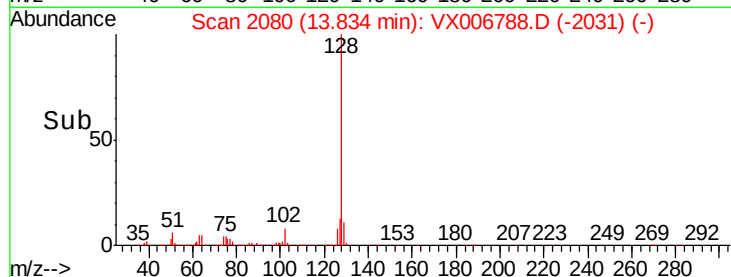
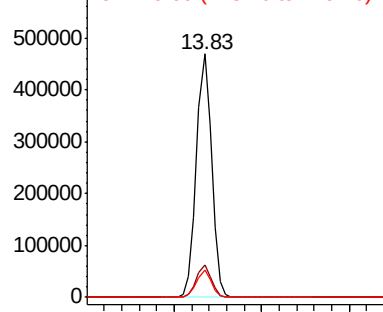


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.546 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

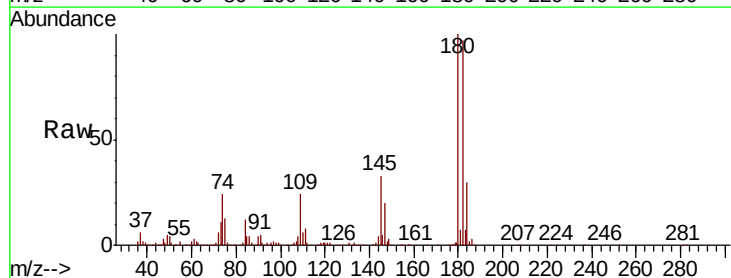
Tgt Ion:180 Resp: 180496

Ion Ratio Lower Upper

180 100

182 96.3 48.5 145.5

145 31.5 16.0 47.9



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

