

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122118\
 Data File : VX006715.D
 Acq On : 21 Dec 2018 11:29
 Operator : JC/MD
 Sample : VX1221WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1221WBS01

Quant Time: Dec 22 04:01:04 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	595557	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	903537	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	816505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	422150	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	307364	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
35) Dibromofluoromethane	5.51	113	279355	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
50) Toluene-d8	8.71	98	1055886	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
62) 4-Bromofluorobenzene	11.13	95	385486	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	99757	18.310	ug/l	99
3) Chloromethane	1.33	50	104480	17.800	ug/l	95
4) Vinyl Chloride	1.41	62	116474	18.999	ug/l	98
5) Bromomethane	1.64	94	110408	18.075	ug/l	97
6) Chloroethane	1.72	64	77940	18.361	ug/l	93
7) Trichlorofluoromethane	1.93	101	187545	19.622	ug/l	93
8) Diethyl Ether	2.19	74	69372	18.274	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	112478	20.043	ug/l	99
10) Methyl Iodide	2.51	142	106299	13.233	ug/l	100
11) Tert butyl alcohol	3.07	59	153740	107.325	ug/l	98
12) 1,1-Dichloroethene	2.38	96	100738	18.932	ug/l	97
13) Acrolein	2.29	56	107704	111.454	ug/l	96
14) Allyl chloride	2.73	41	170927	19.084	ug/l	99
15) Acrylonitrile	3.15	53	324291	101.961	ug/l	99
16) Acetone	2.45	43	301349	102.189	ug/l	98
17) Carbon Disulfide	2.57	76	224500	15.943	ug/l	99
18) Methyl Acetate	2.78	43	183079	21.113	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	354031	20.046	ug/l	98
20) Methylene Chloride	2.86	84	114589	18.792	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	106579	18.077	ug/l	96
22) Diisopropyl ether	3.87	45	327363	19.979	ug/l	92
23) Vinyl Acetate	3.82	43	1295358	96.646	ug/l	100
24) 1,1-Dichloroethane	3.70	63	179783	18.380	ug/l	99
25) 2-Butanone	4.70	43	420339	101.334	ug/l	100
26) 2,2-Dichloropropane	4.59	77	126967	16.804	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	125796	19.339	ug/l	98
28) Bromochloromethane	5.02	49	86047	19.747	ug/l	99
29) Tetrahydrofuran	5.15	42	281012	102.858	ug/l	98
30) Chloroform	5.21	83	194060	19.158	ug/l	98
31) Cyclohexane	5.57	56	169076	19.027	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	159728	18.675	ug/l	98
36) 1,1-Dichloropropene	5.80	75	143568	19.185	ug/l	98
37) Ethyl Acetate	4.85	43	156182	20.052	ug/l	100
38) Carbon Tetrachloride	5.78	117	133869	18.407	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	191245	19.412	ug/l	99
40) Benzene	6.14	78	443690	19.505	ug/l	99
41) Methacrylonitrile	5.06	41	86052	20.809	ug/l	97
42) 1,2-Dichloroethane	6.20	62	148832	19.201	ug/l	99
43) Isopropyl Acetate	6.46	43	235801	19.897	ug/l	100
44) Trichloroethene	7.21	130	130117	18.899	ug/l	96
45) 1,2-Dichloropropane	7.52	63	112287	20.285	ug/l	97
46) Dibromomethane	7.66	93	77504	19.035	ug/l	99
47) Bromodichloromethane	7.90	83	124776	18.458	ug/l	99
48) Methyl methacrylate	7.77	41	126301	20.957	ug/l	99
49) 1,4-Dioxane	7.75	88	66034	406.989	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	803194	106.518	ug/l	100
52) Toluene	8.79	92	292680	19.916	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	129551	17.870	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	151451	19.039	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	118911	19.769	ug/l	98
56) Ethyl methacrylate	9.18	69	173265	20.380	ug/l	99
57) 1,3-Dichloropropane	9.37	76	190875	19.723	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	451754	99.964	ug/l	100
59) 2-Hexanone	9.49	43	620223	107.503	ug/l	99
60) Dibromochloromethane	9.59	129	104237	18.123	ug/l	99
61) 1,2-Dibromoethane	9.67	107	127370	19.919	ug/l	99
64) Tetrachloroethene	9.34	164	129776	20.072	ug/l	96
65) Chlorobenzene	10.14	112	335758	19.437	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	106692	19.797	ug/l	100
67) Ethyl Benzene	10.25	91	565829	20.046	ug/l	99
68) m/p-Xylenes	10.36	106	440280	39.529	ug/l	100
69) o-Xylene	10.70	106	213700	19.430	ug/l	94
70) Styrene	10.71	104	343987	19.769	ug/l	98
71) Bromoform	10.86	173	73020	18.141	ug/l #	100
73) Isopropylbenzene	11.02	105	581407	20.132	ug/l	100
74) N-amyl acetate	10.90	43	217301	21.021	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	178733	20.810	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	188500	24.027	ug/l	89
77) Bromobenzene	11.26	156	154664	19.809	ug/l	98
78) n-propylbenzene	11.36	91	647617	20.363	ug/l	100
79) 2-Chlorotoluene	11.42	91	378147	19.621	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	475602	19.994	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	35349	16.784	ug/l #	85
82) 4-Chlorotoluene	11.51	91	441970	19.992	ug/l	99
83) tert-Butylbenzene	11.77	119	476094	19.998	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	494605	19.768	ug/l	99
85) sec-Butylbenzene	11.94	105	586389	20.089	ug/l	99
86) p-Isopropyltoluene	12.06	119	527421	20.555	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	281019	19.970	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	284284	19.707	ug/l	99
89) n-Butylbenzene	12.39	91	440908	20.191	ug/l	98
90) Hexachloroethane	12.60	117	66146	18.680	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	277311	19.700	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	33736	18.983	ug/l	97

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Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

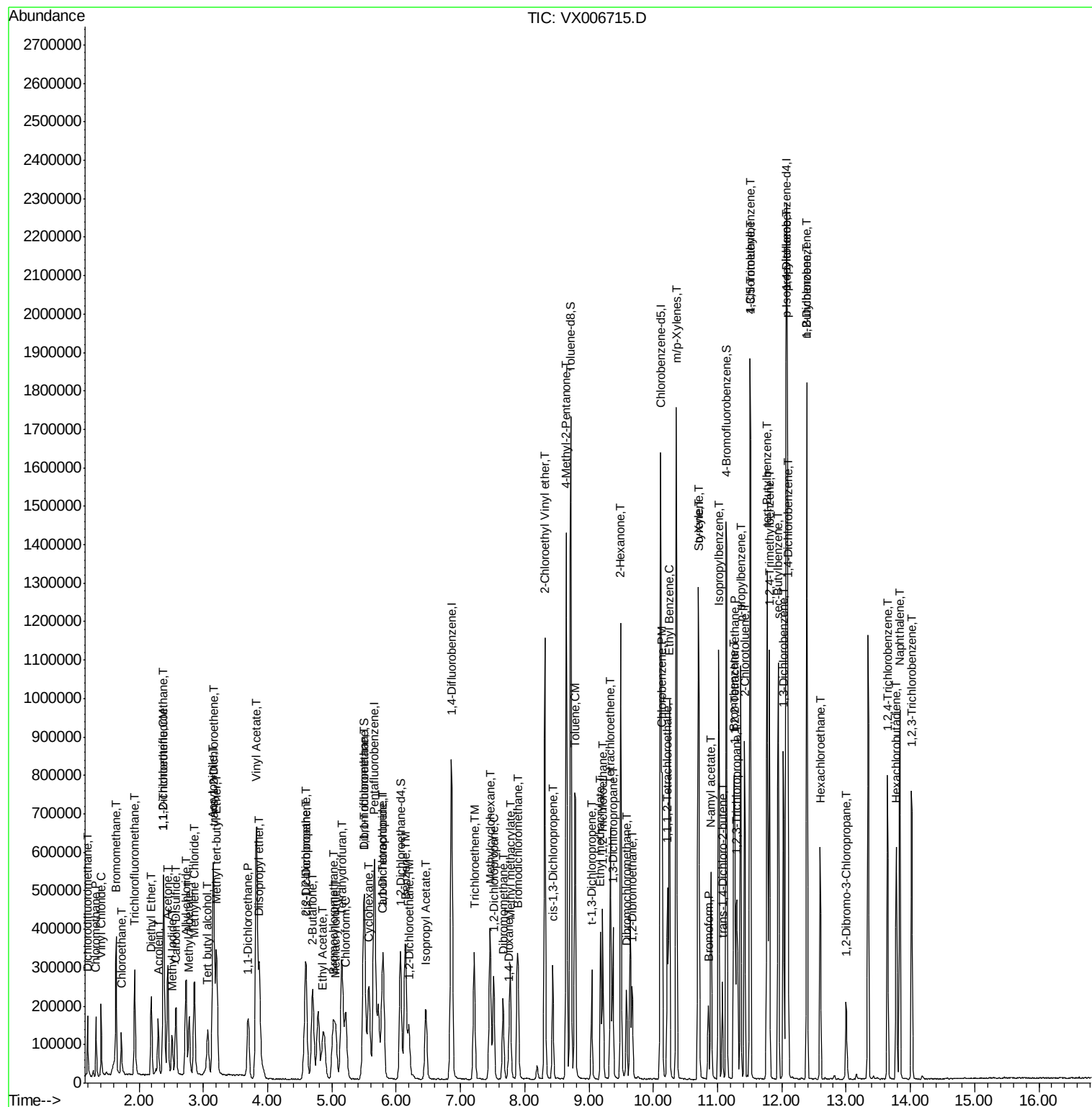
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	192921	19.868	ug/l	99
94) Hexachlorobutadiene	13.79	225	89253	19.501	ug/l	99
95) Naphthalene	13.83	128	602664	19.447	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	193202	19.271	ug/l	99

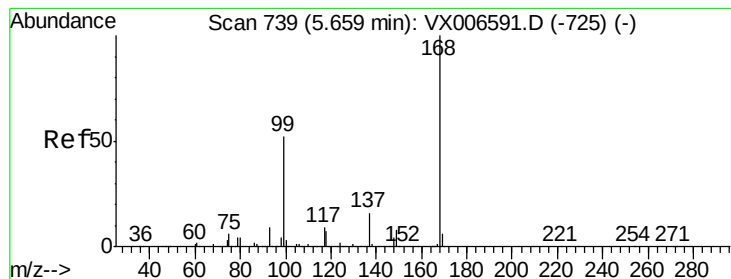
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX122118\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

ClientSampleId :

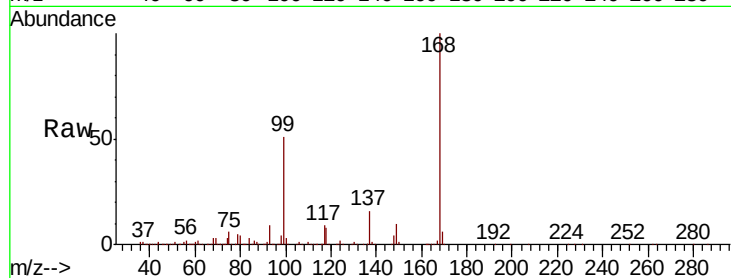
VX1221WBS01

Tot Ion:168 Resp: 595557

Ion Ratio Lower Upper

168 100

99 50.5 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

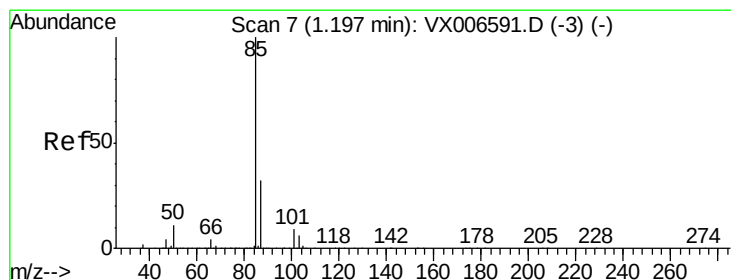
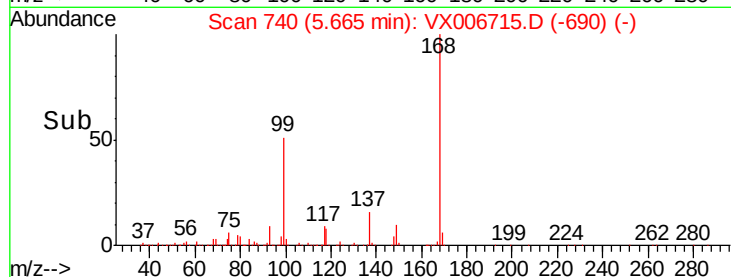
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.310 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006715.D

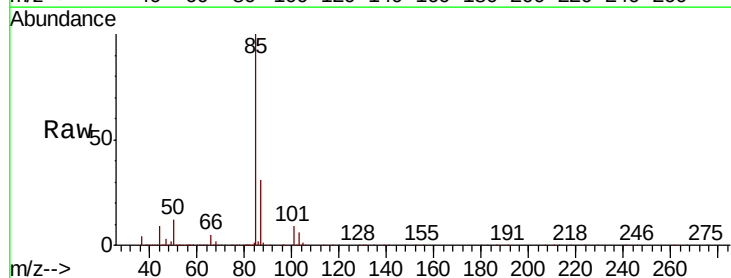
Acq: 21 Dec 2018 11:29

Tgt Ion: 85 Resp: 99757

Ion Ratio Lower Upper

85 100

87 31.0 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

100000

80000

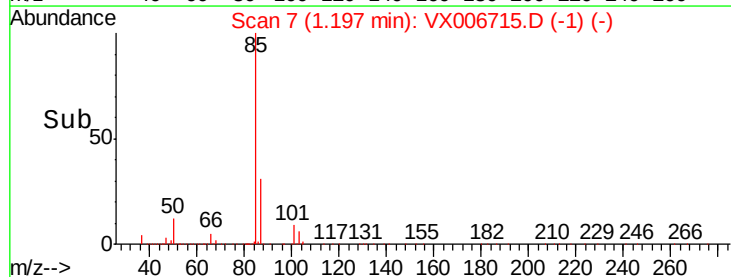
60000

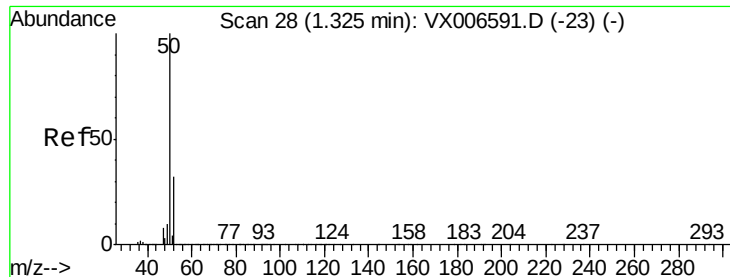
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 17.800 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

ClientSampleId :

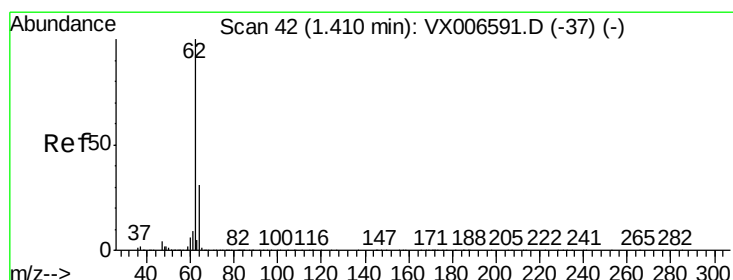
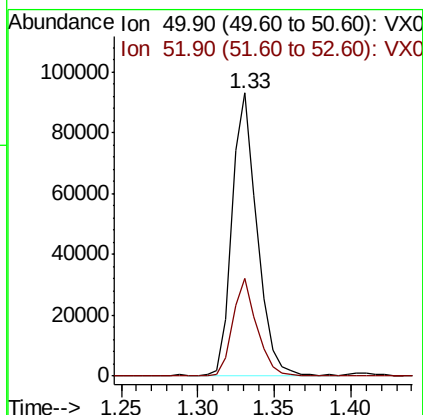
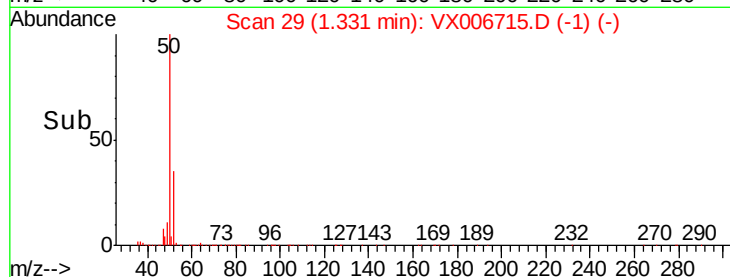
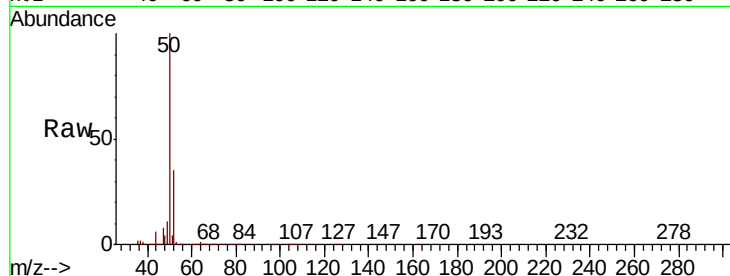
VX1221WBS01

Tot Ion: 50 Resp: 104480

Ion Ratio Lower Upper

50 100

52 34.6 25.4 38.2



#4

Vinyl Chloride

Concen: 18.999 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006715.D

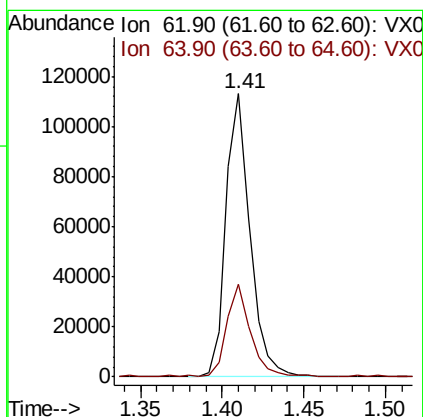
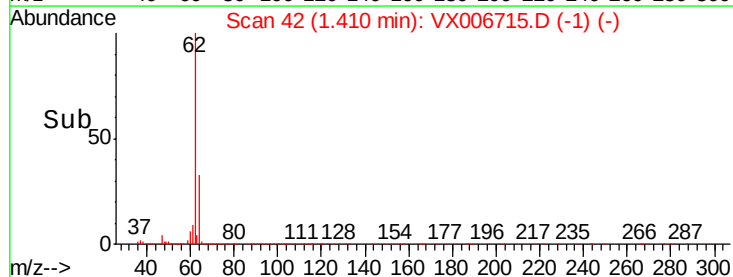
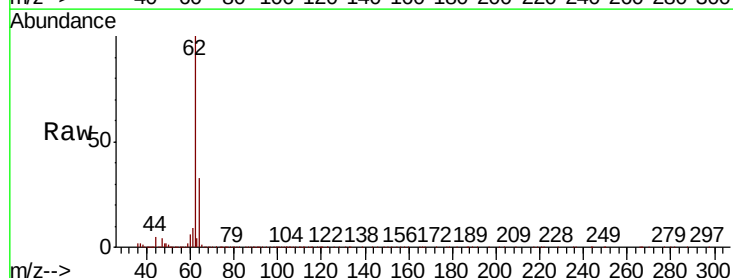
Acq: 21 Dec 2018 11:29

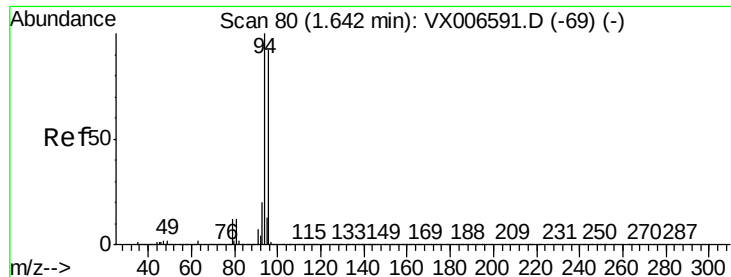
Tgt Ion: 62 Resp: 116474

Ion Ratio Lower Upper

62 100

64 32.4 25.1 37.7





#5

Bromomethane

Concen: 18.075 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

ClientSampleId :

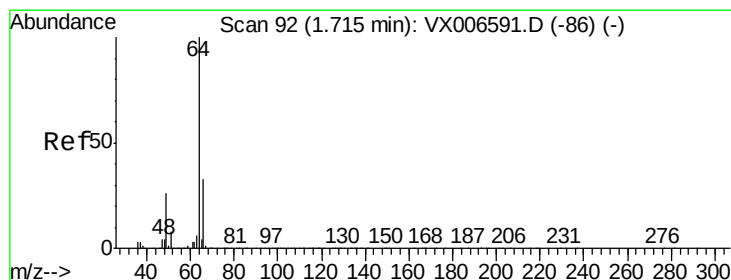
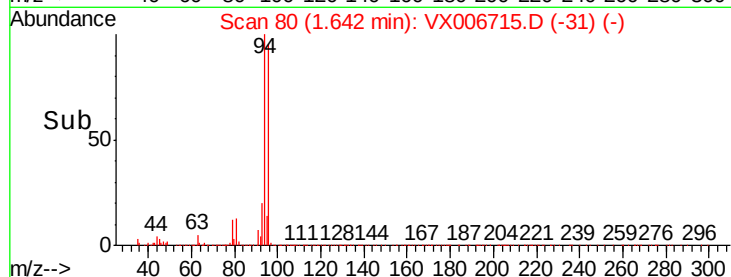
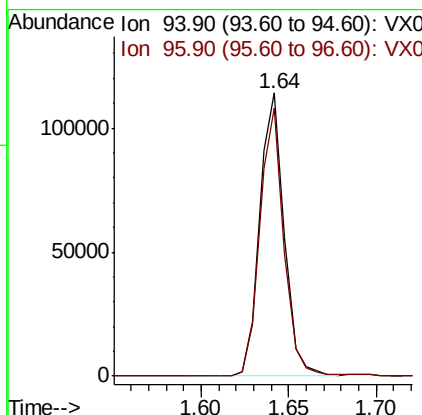
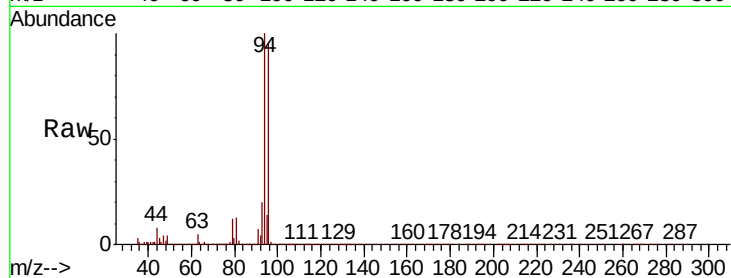
VX1221WBS01

Tot Ion: 94 Resp: 110408

Ion Ratio Lower Upper

94 100

96 94.7 73.4 110.2



#6

Chloroethane

Concen: 18.361 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006715.D

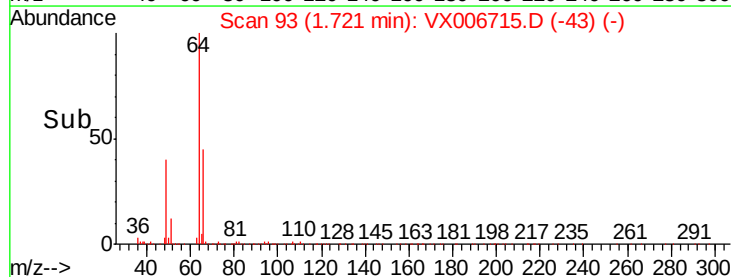
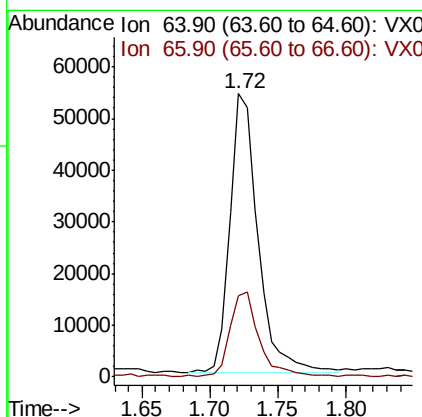
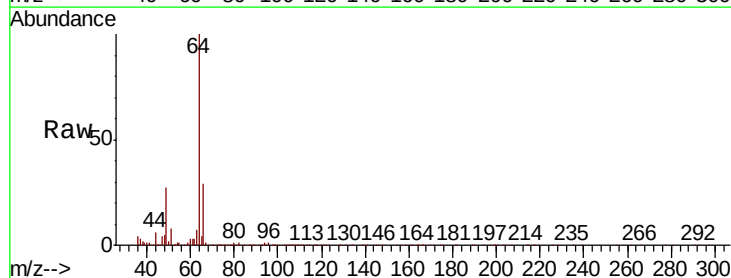
Acq: 21 Dec 2018 11:29

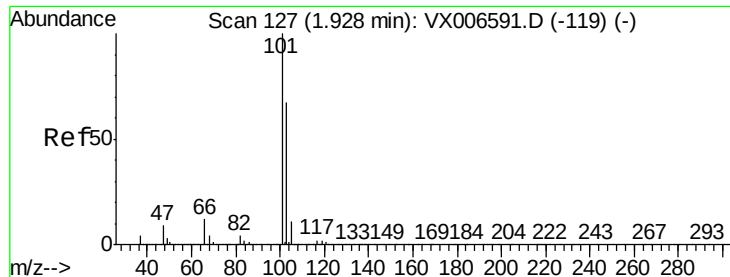
Tgt Ion: 64 Resp: 77940

Ion Ratio Lower Upper

64 100

66 28.8 26.4 39.6



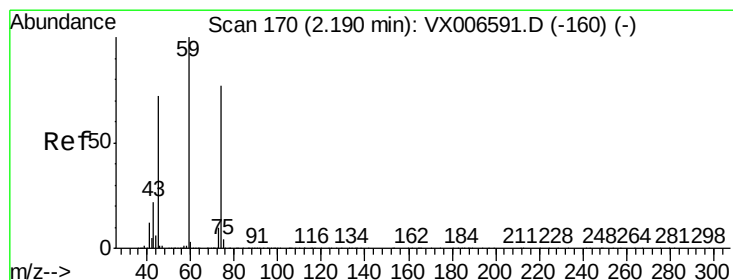
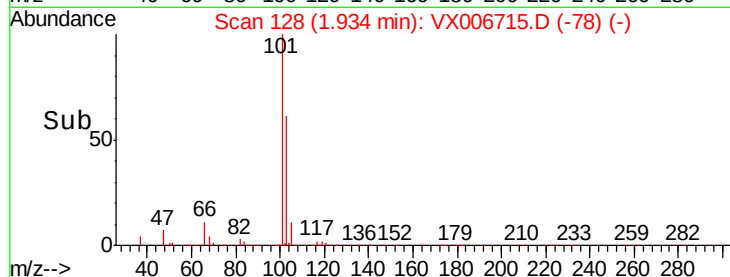
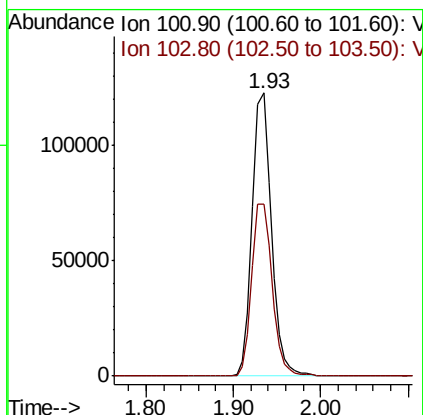
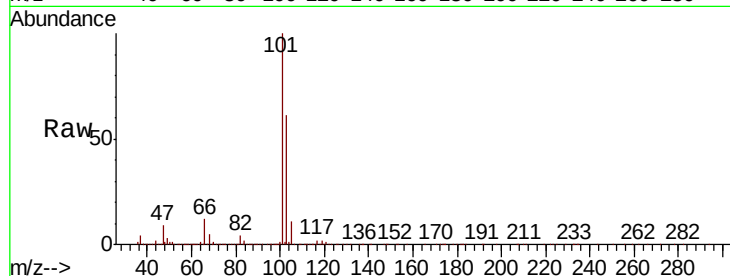


#7

Trichlorofluoromethane
Concen: 19.622 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

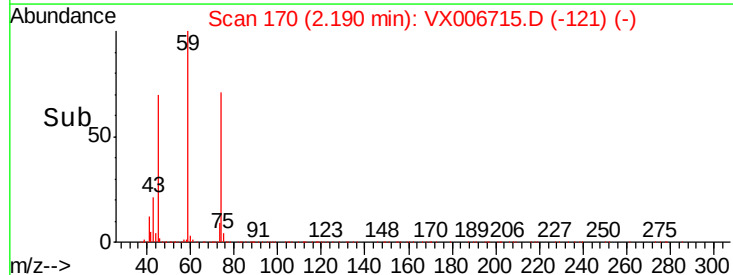
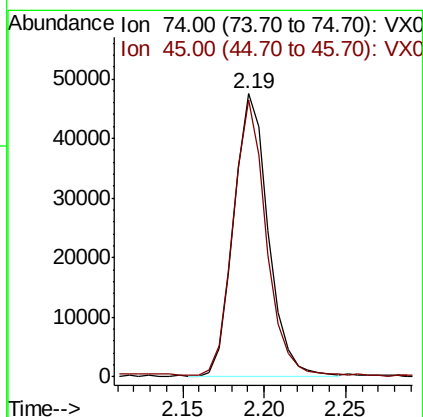
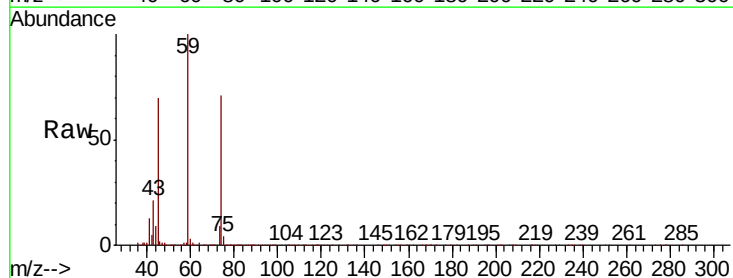
Tot Ion:101 Resp: 187545
Ion Ratio Lower Upper
101 100
103 60.8 53.2 79.8

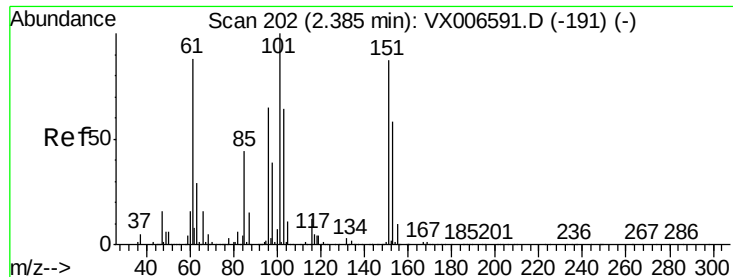


#8

Diethyl Ether
Concen: 18.274 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Tgt Ion: 74 Resp: 69372
Ion Ratio Lower Upper
74 100
45 94.5 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.043 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBS01

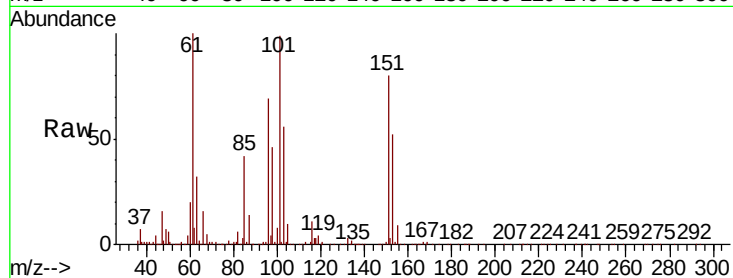
Tot Ion:101 Resp: 112478

Ion Ratio Lower Upper

101 100

85 43.0 35.1 52.7

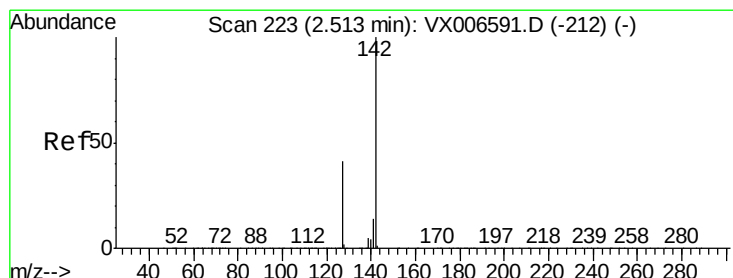
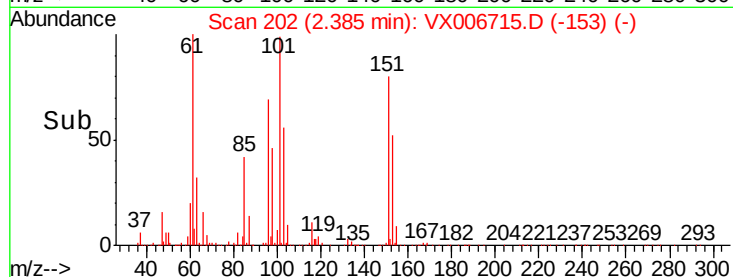
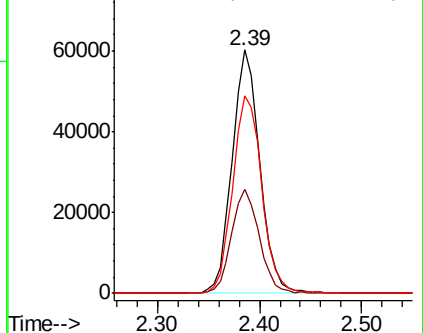
151 85.5 68.9 103.3



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: 13.233 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

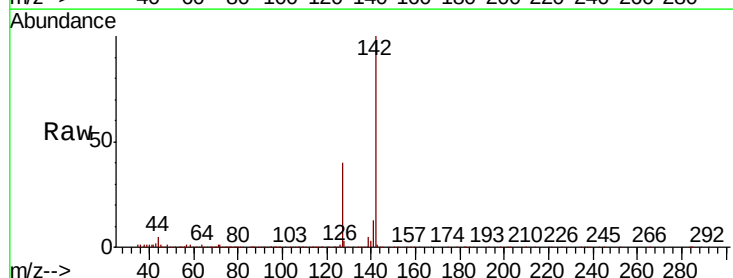
Tgt Ion:142 Resp: 106299

Ion Ratio Lower Upper

142 100

127 42.6 33.9 50.9

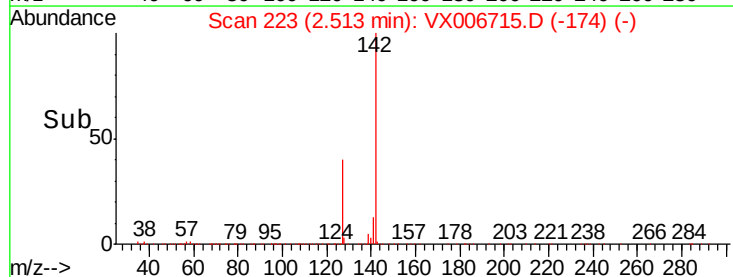
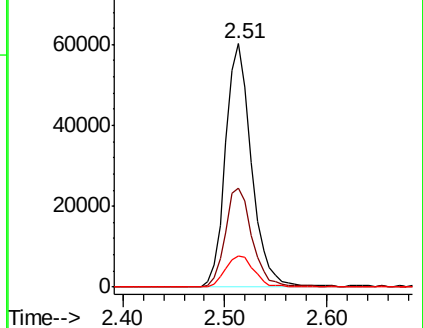
141 14.4 11.4 17.0

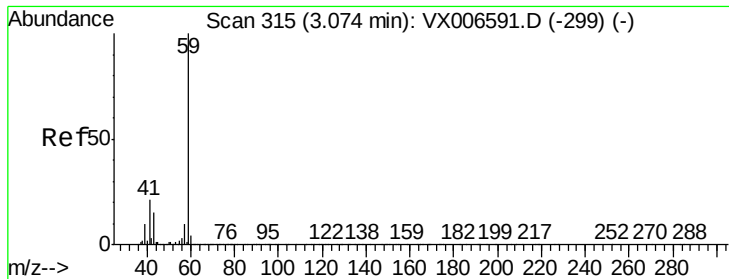


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



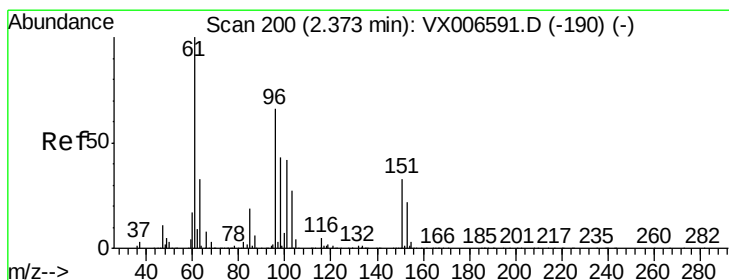
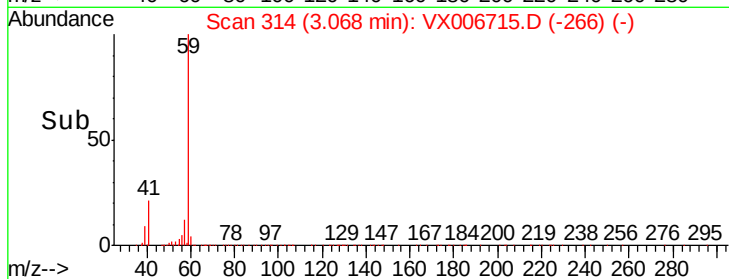
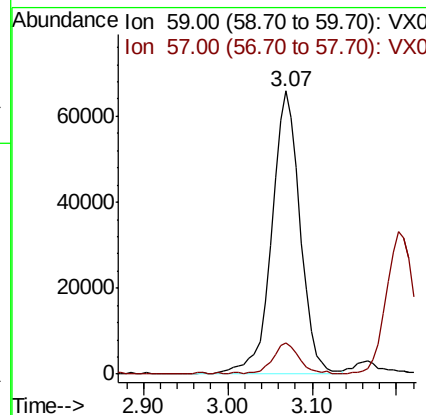
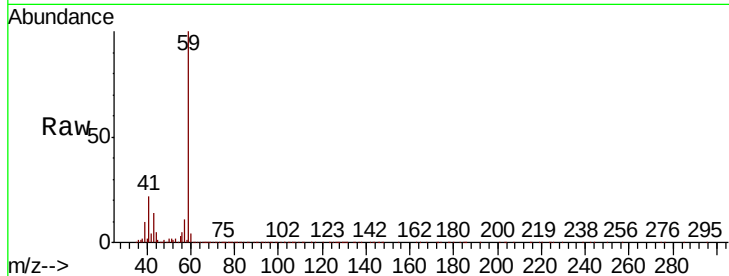


#11

Tert butyl alcohol
 Concen: 107.325 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX006715.D
 Acq: 21 Dec 2018 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1221WBS01

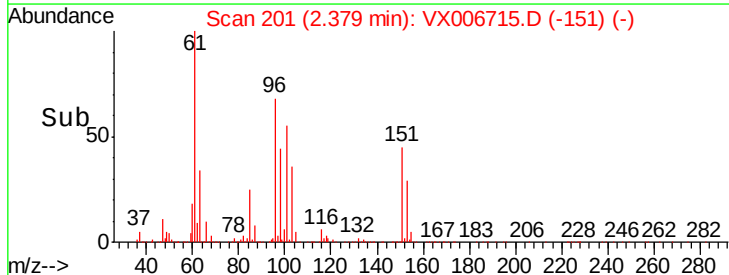
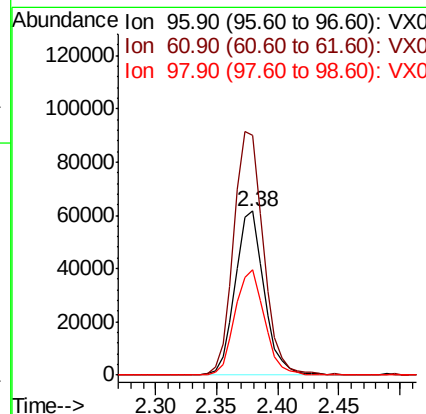
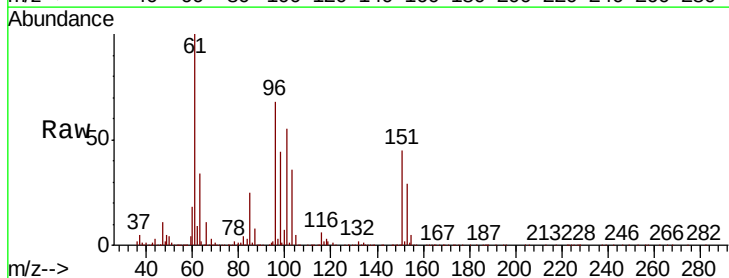
Tot Ion: 59 Resp: 153740
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.5 12.7

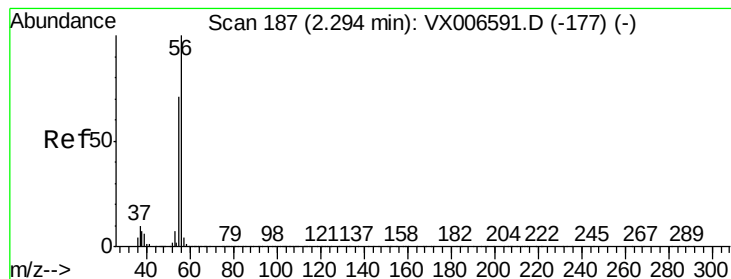


#12

1,1-Dichloroethene
 Concen: 18.932 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX006715.D
 Acq: 21 Dec 2018 11:29

Tgt Ion: 96 Resp: 100738
 Ion Ratio Lower Upper
 96 100
 61 146.6 121.4 182.2
 98 64.2 51.9 77.9





#13

Acrolein

Concen: 111.454 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

ClientSampleId :

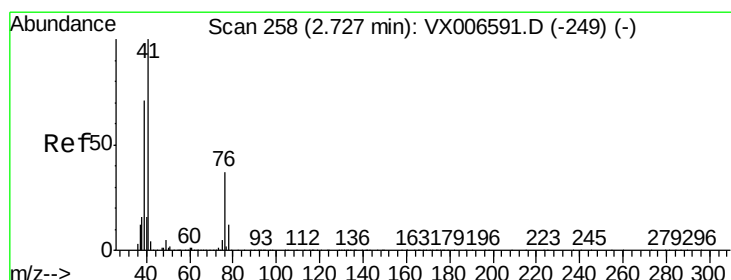
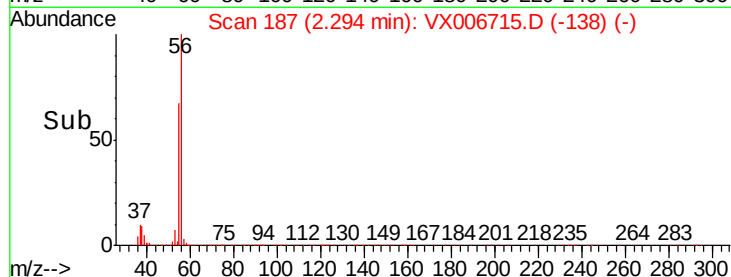
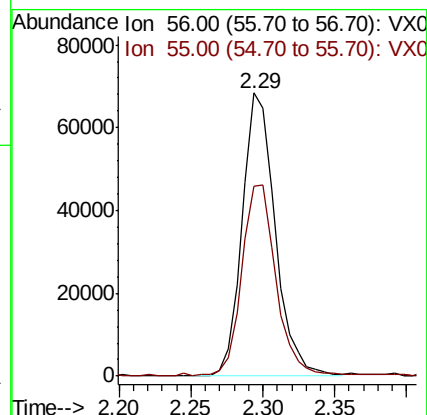
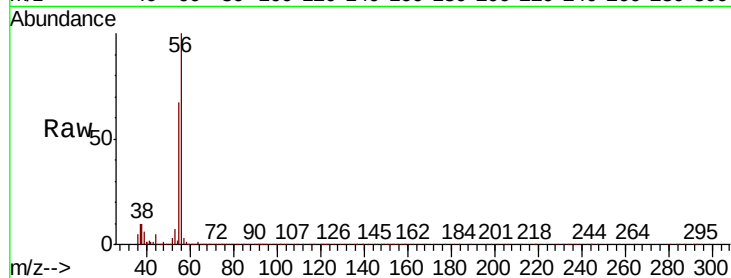
VX1221WBS01

Tot Ion: 56 Resp: 107704

Ion Ratio Lower Upper

56 100

55 69.6 58.2 87.4



#14

Allyl chloride

Concen: 19.084 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

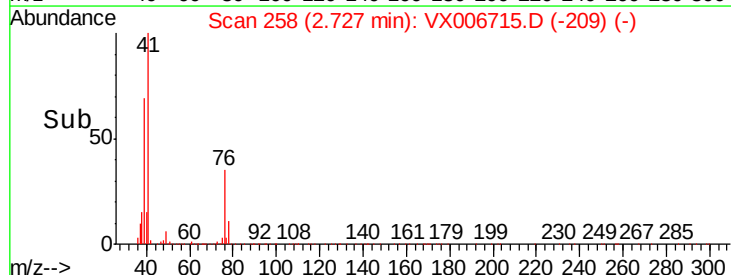
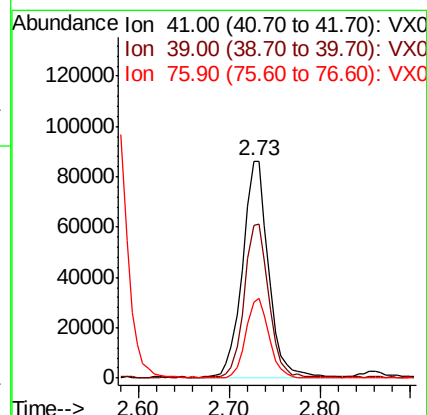
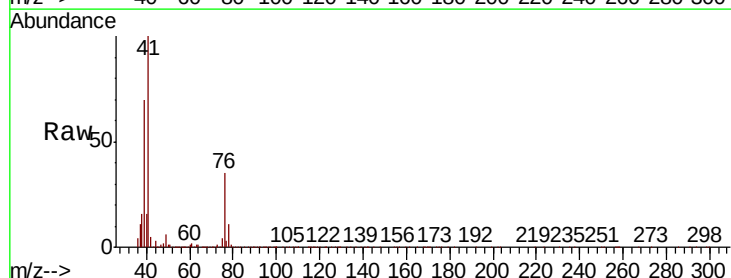
Tgt Ion: 41 Resp: 170927

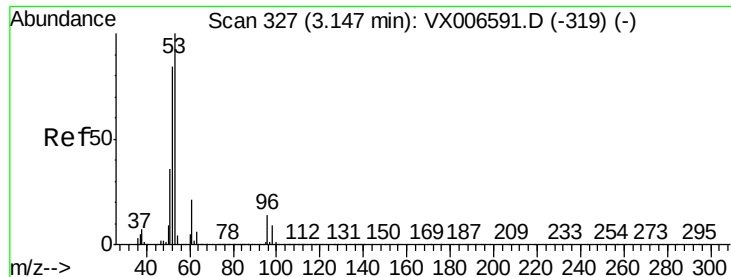
Ion Ratio Lower Upper

41 100

39 67.3 53.6 80.4

76 32.5 27.4 41.2





#15

Acrylonitrile

Concen: 101.961 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBS01

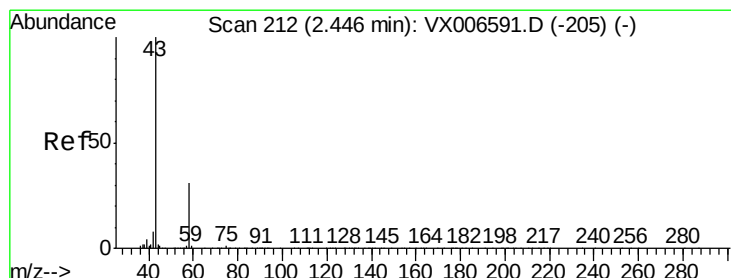
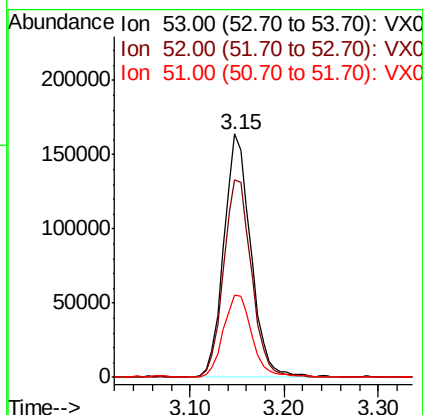
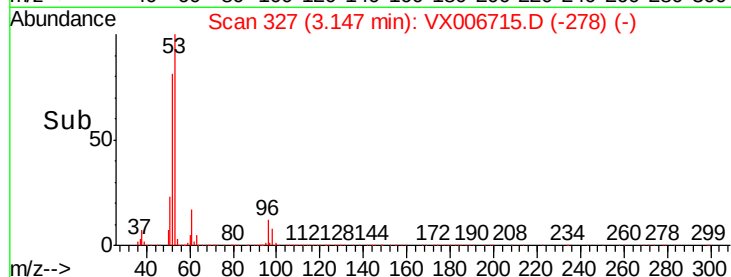
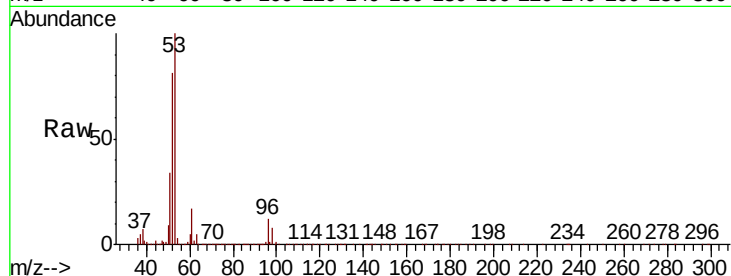
Tot Ion: 53 Resp: 324291

Ion Ratio Lower Upper

53 100

52 84.2 66.0 99.0

51 36.0 28.6 42.8



#16

Acetone

Concen: 102.189 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006715.D

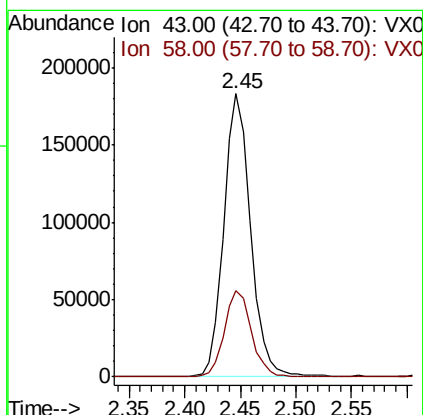
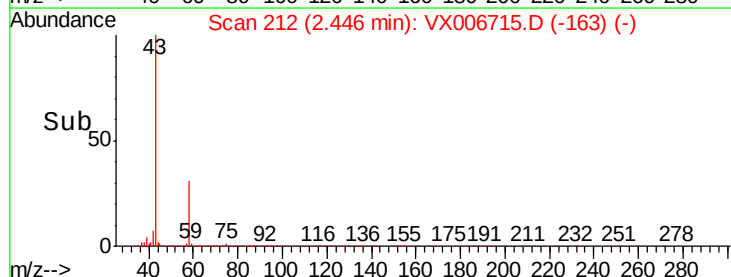
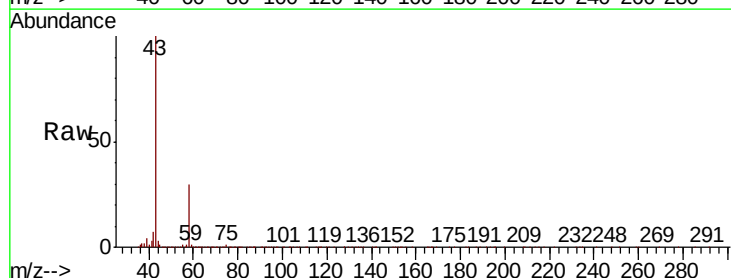
Acq: 21 Dec 2018 11:29

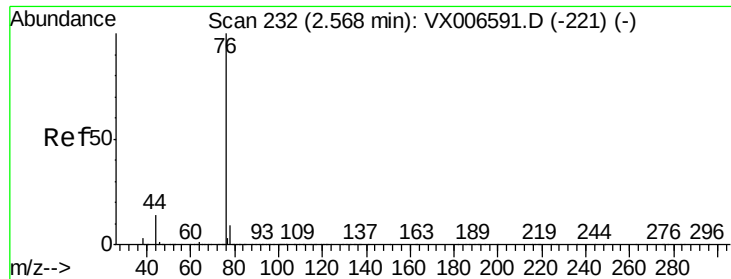
Tgt Ion: 43 Resp: 301349

Ion Ratio Lower Upper

43 100

58 30.5 25.0 37.6





#17

Carbon Disulfide

Concen: 15.943 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

ClientSampleId :

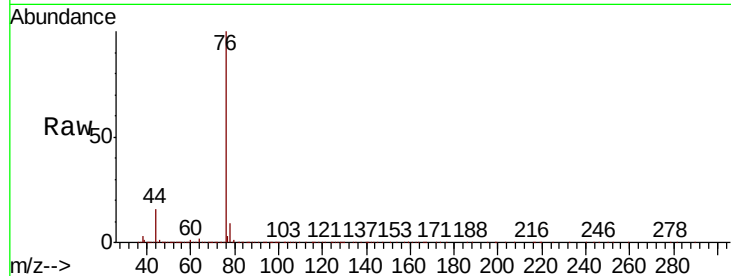
VX1221WBS01

Tot Ion: 76 Resp: 224500

Ion Ratio Lower Upper

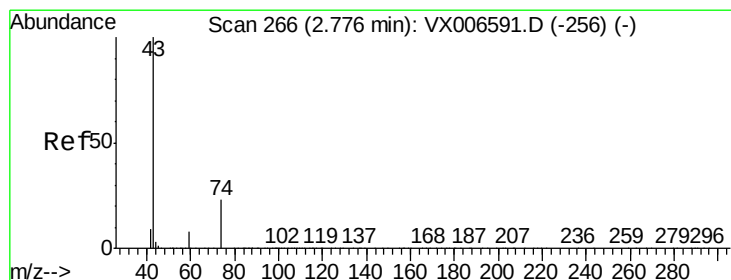
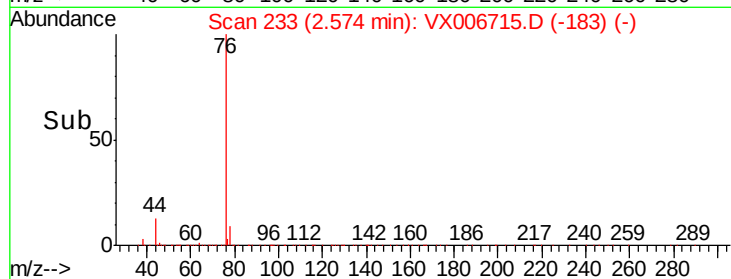
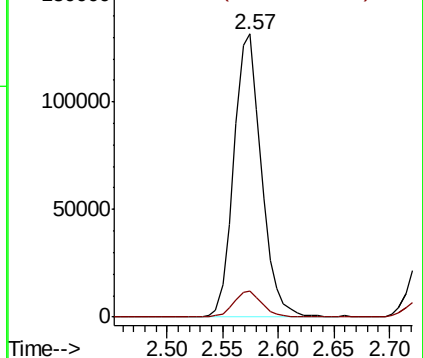
76 100

78 9.2 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.113 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX006715.D

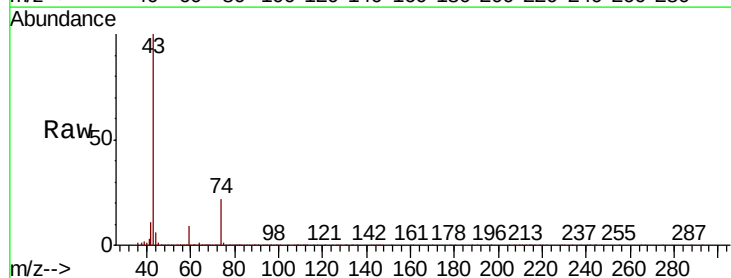
Acq: 21 Dec 2018 11:29

Tgt Ion: 43 Resp: 183079

Ion Ratio Lower Upper

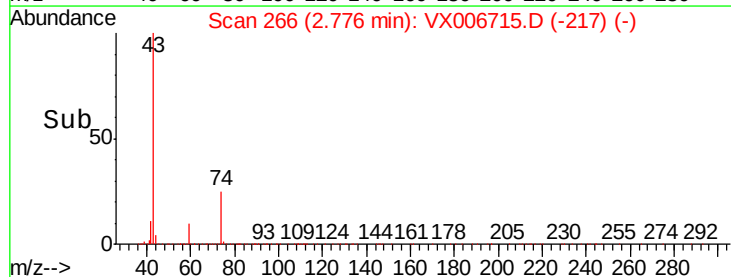
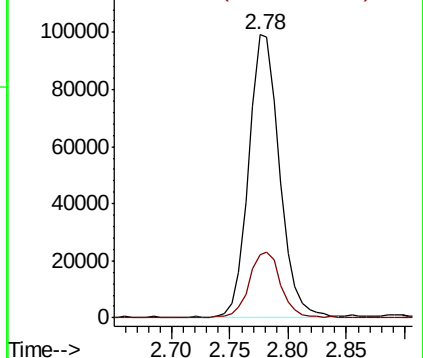
43 100

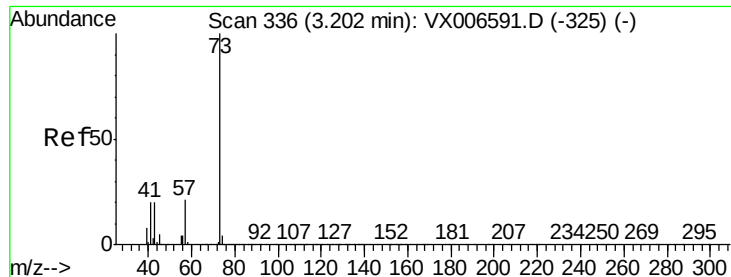
74 23.5 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



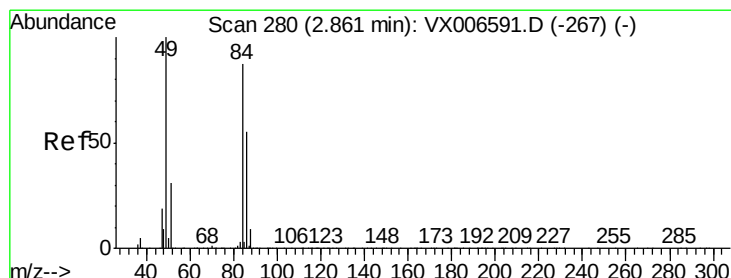
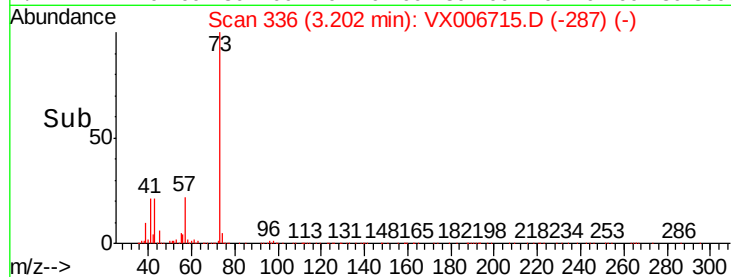
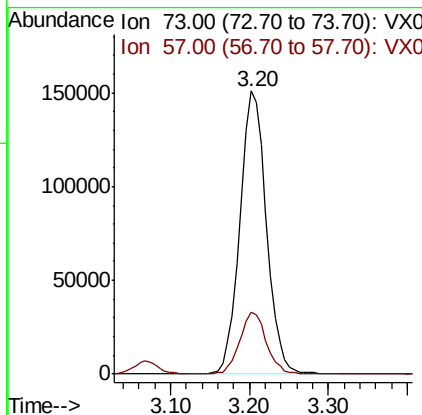
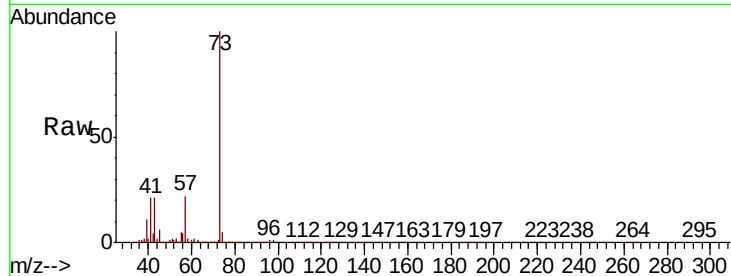


#19

Methyl tert-butyl Ether
 Concen: 20.046 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX006715.D
 Acq: 21 Dec 2018 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1221WBS01

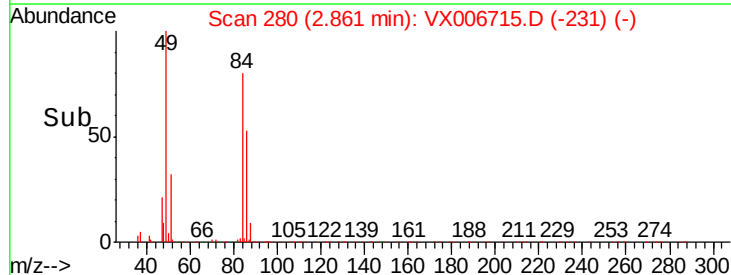
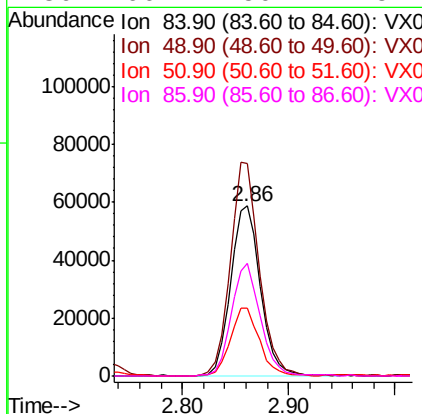
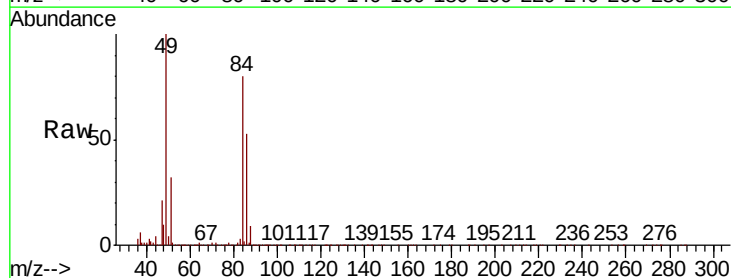
Tot Ion: 73 Resp: 354031
 Ion Ratio Lower Upper
 73 100
 57 21.8 16.8 25.2

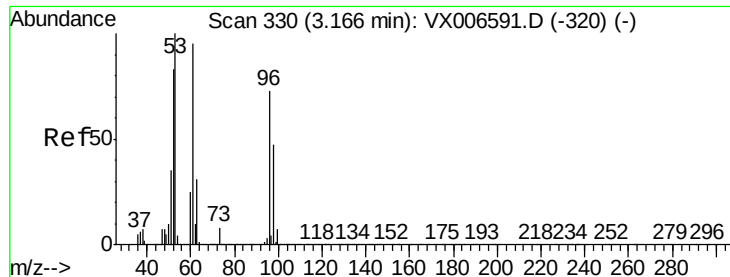


#20

Methylene Chloride
 Concen: 18.792 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX006715.D
 Acq: 21 Dec 2018 11:29

Tgt Ion: 84 Resp: 114589
 Ion Ratio Lower Upper
 84 100
 49 124.9 91.8 137.6
 51 40.1 28.5 42.7
 86 66.1 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 18.077 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBS01

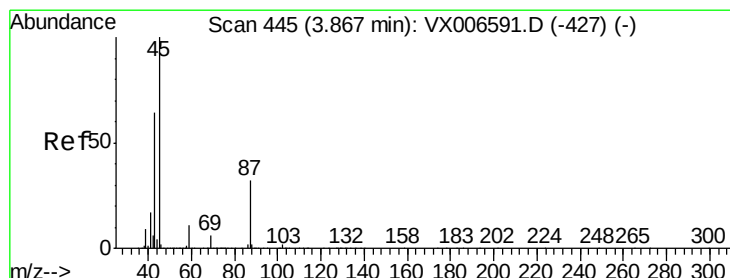
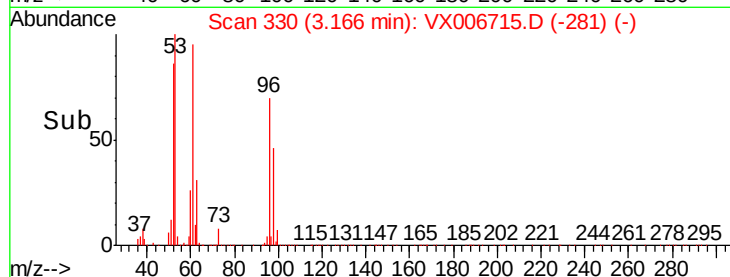
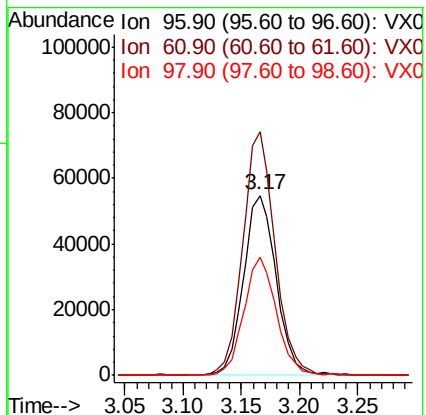
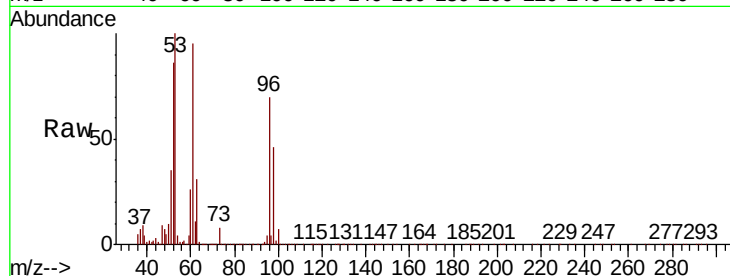
Tot Ion: 96 Resp: 106579

Ion Ratio Lower Upper

96 100

61 135.3 103.7 155.5

98 65.2 51.0 76.6



#22

Diisopropyl ether

Concen: 19.979 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Tgt Ion: 45 Resp: 327363

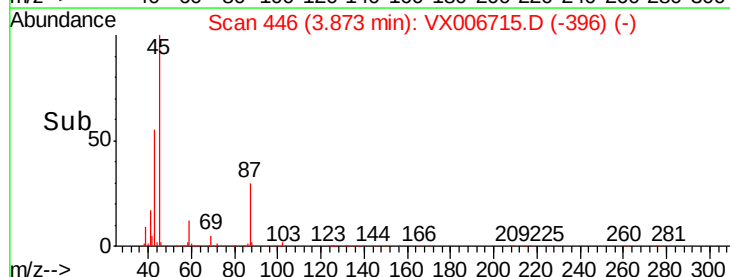
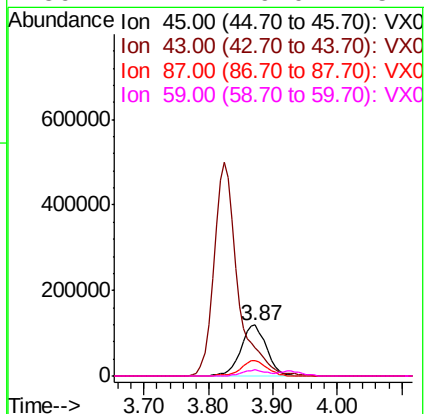
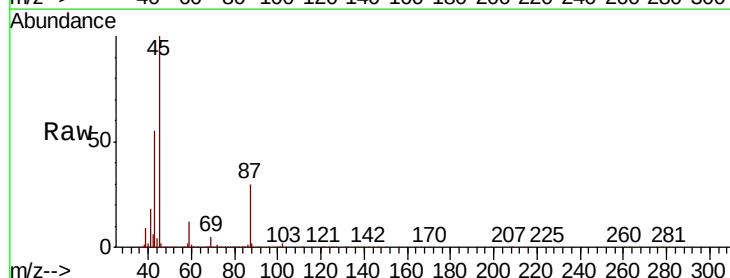
Ion Ratio Lower Upper

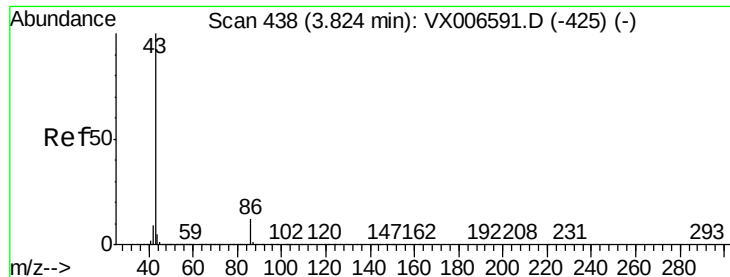
45 100

43 55.1 51.2 76.8

87 30.2 25.8 38.6

59 11.7 9.0 13.4





#23

Vinyl Acetate

Concen: 96.646 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

ClientSampled :

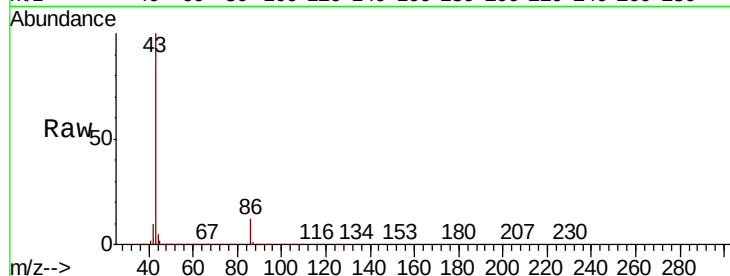
VX1221WBS01

Tot Ion: 43 Resp: 1295358

Ion Ratio Lower Upper

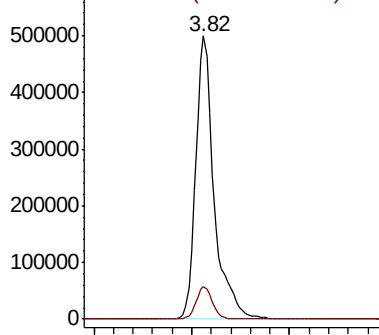
43 100

86 11.7 9.2 13.8

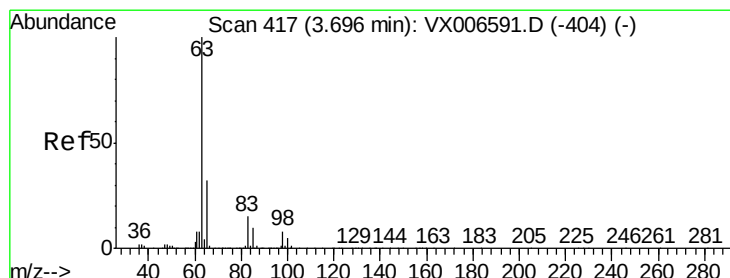
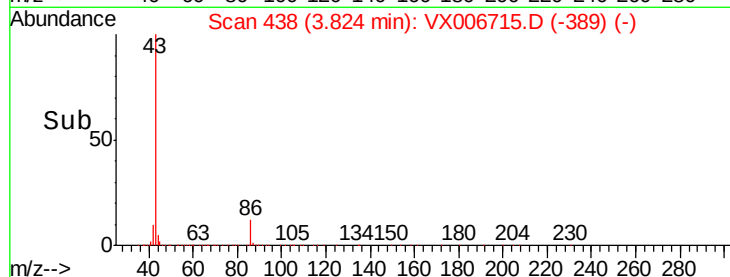


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 18.380 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

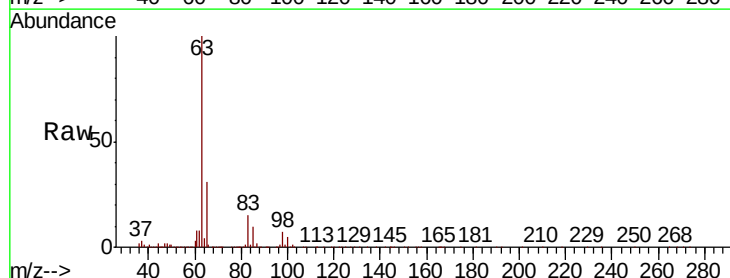
Tgt Ion: 63 Resp: 179783

Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.5

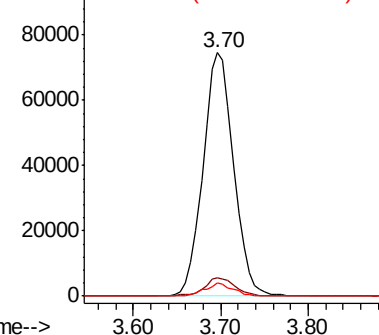
100 5.3 2.4 7.2



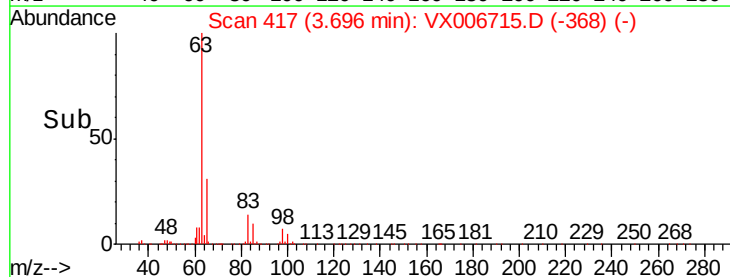
Abundance Ion 62.90 (62.60 to 63.60): VX0

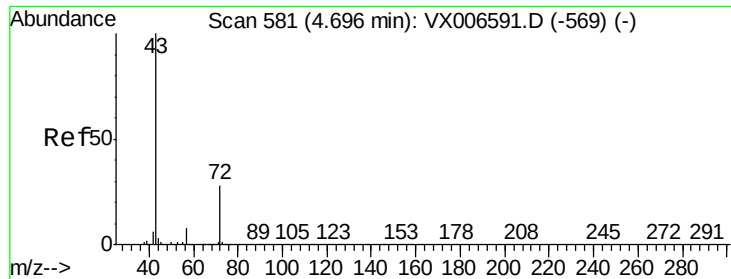
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time--> 3.60 3.70 3.80

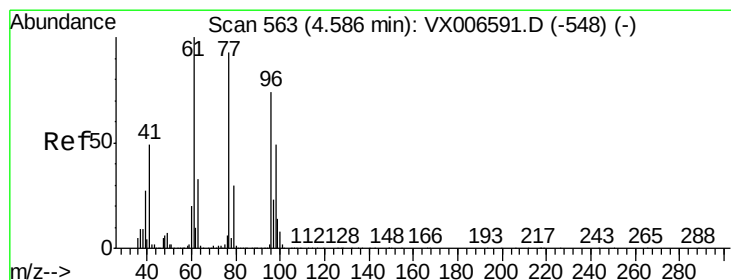
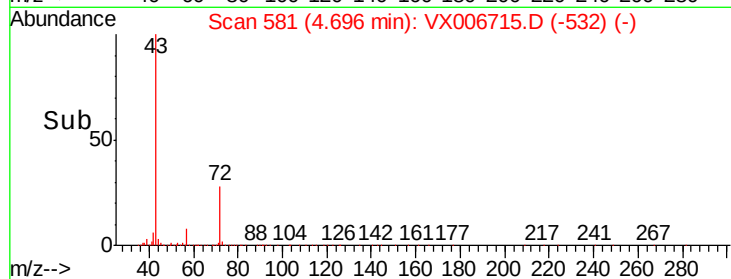
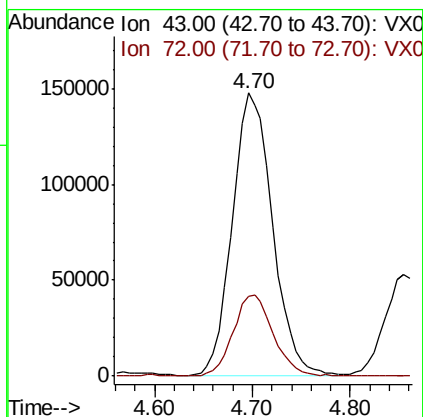
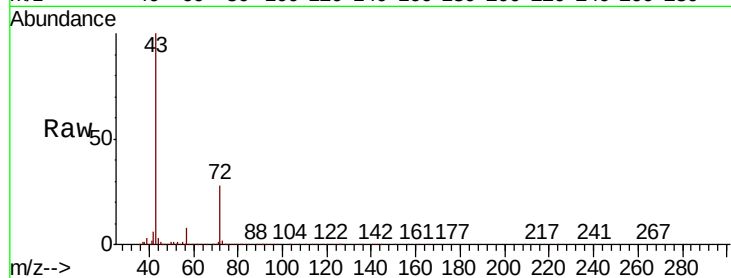




#25
2-Butanone
Concen: 101.334 ug/l
RT: 4.70 min Scan# 581
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

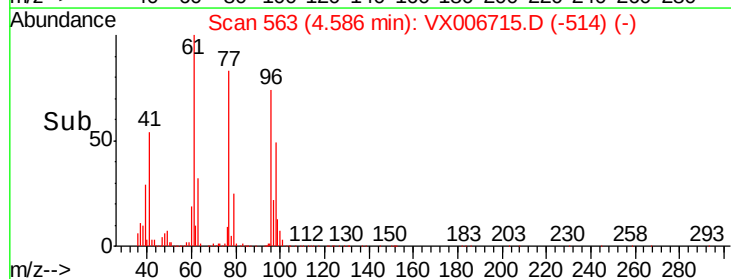
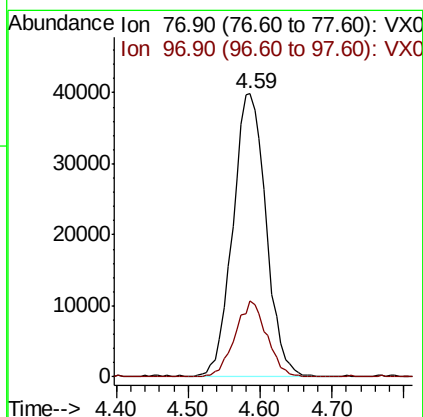
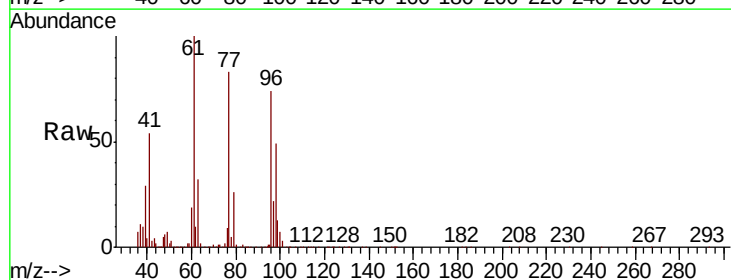
Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

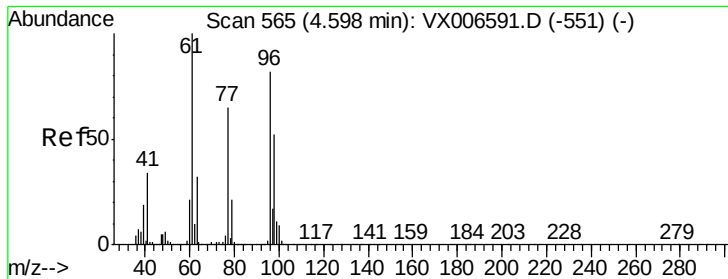
Tot Ion: 43 Resp: 420339
Ion Ratio Lower Upper
43 100
72 28.1 22.4 33.6



#26
2,2-Dichloropropane
Concen: 16.804 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Tgt Ion: 77 Resp: 126967
Ion Ratio Lower Upper
77 100
97 25.9 12.4 37.4



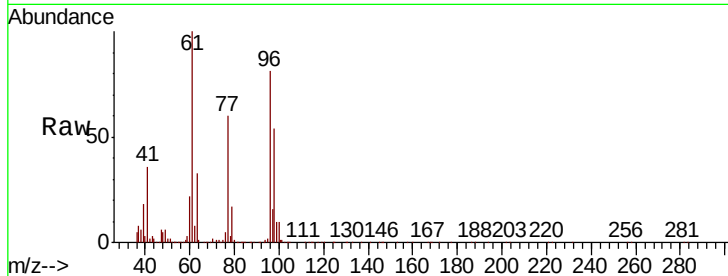


#27

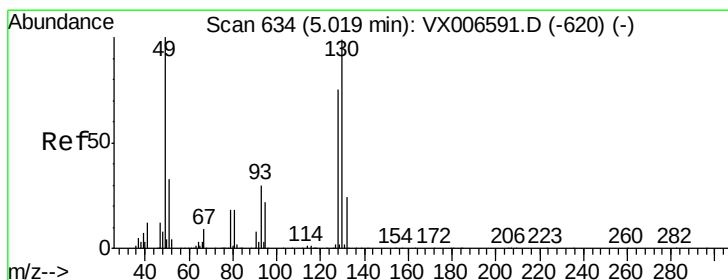
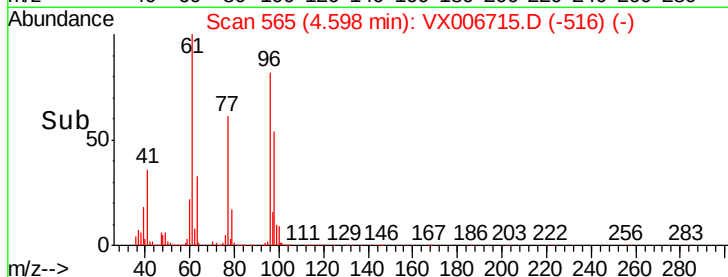
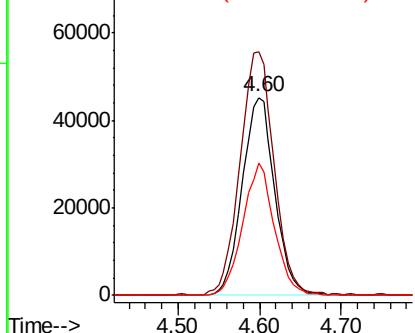
cis-1,2-Dichloroethene
Concen: 19.339 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	127.5	0.0	258.6
98	64.8	0.0	132.0



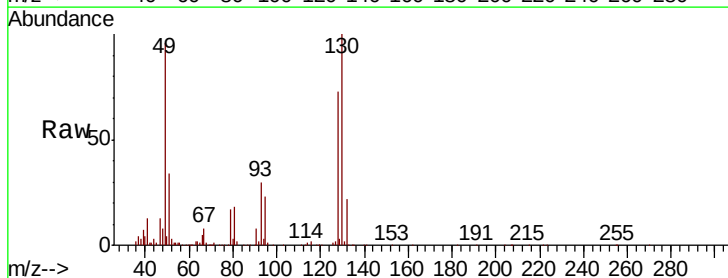
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



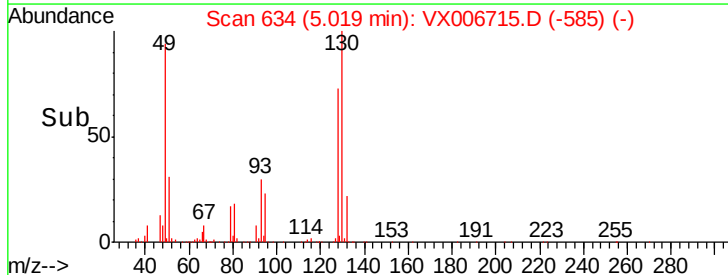
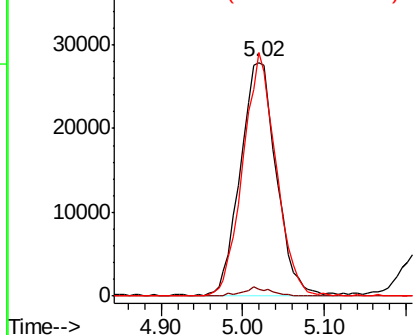
#28

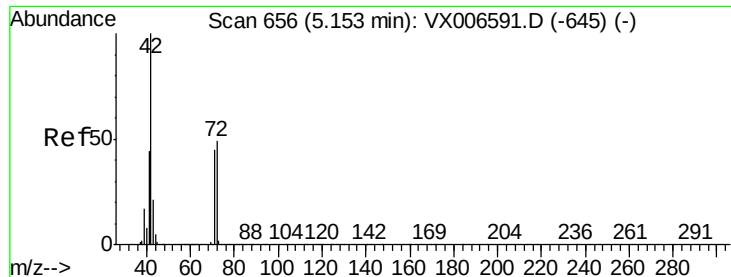
Bromochloromethane
Concen: 19.747 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.4
130	95.9	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: 102.858 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

ClientSampled :

VX1221WBS01

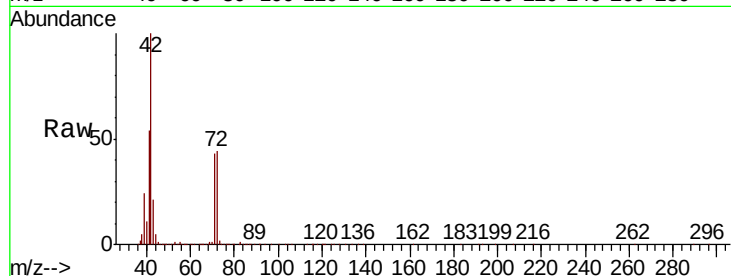
Tot Ion: 42 Resp: 281012

Ion Ratio Lower Upper

42 100

72 47.4 38.9 58.3

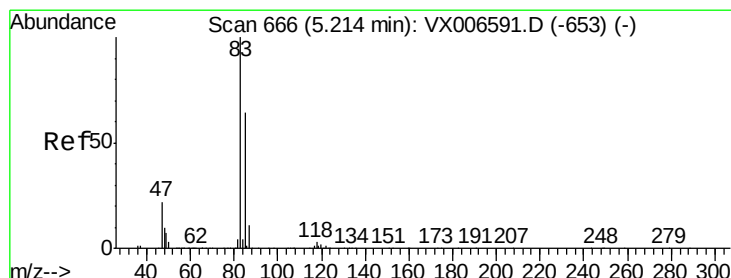
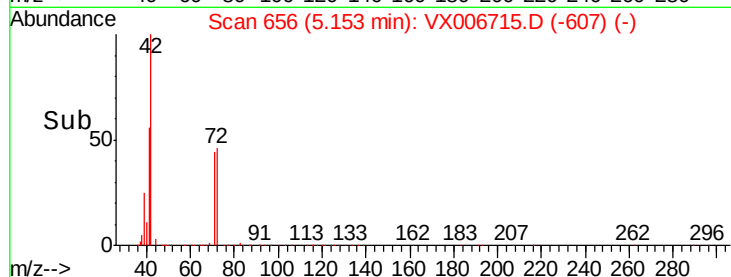
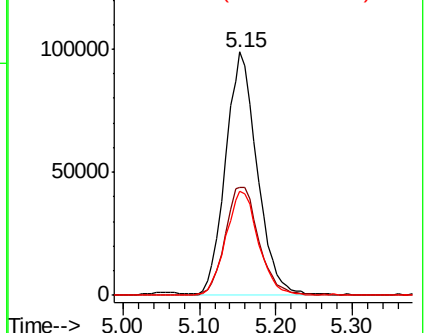
71 44.5 36.2 54.4



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: 19.158 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006715.D

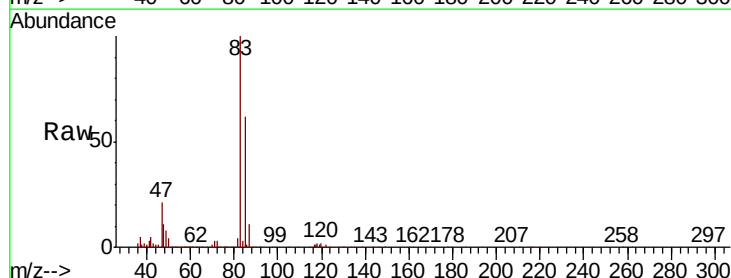
Acq: 21 Dec 2018 11:29

Tgt Ion: 83 Resp: 194060

Ion Ratio Lower Upper

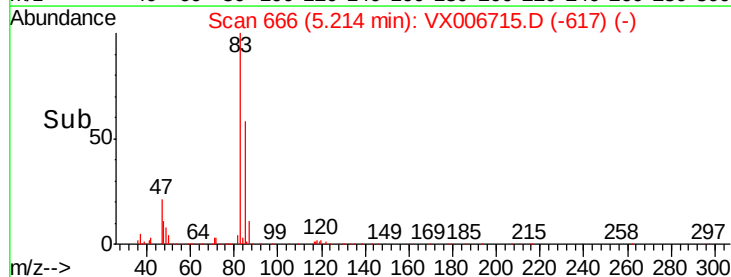
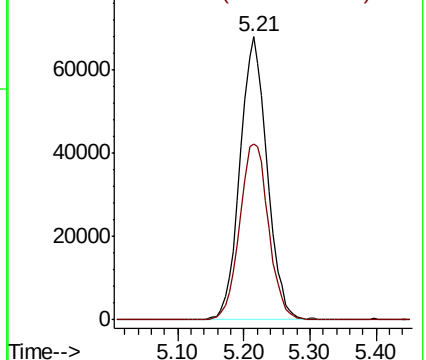
83 100

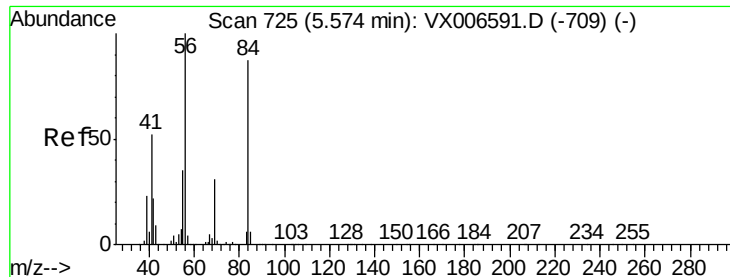
85 62.3 51.2 76.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

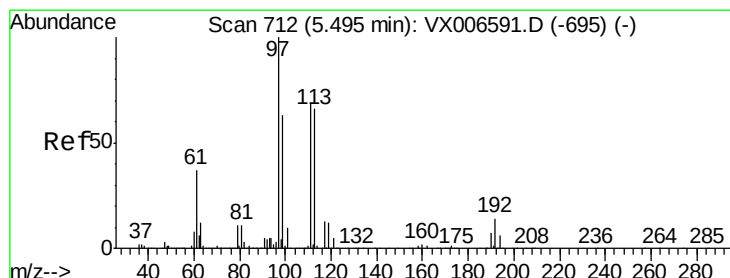
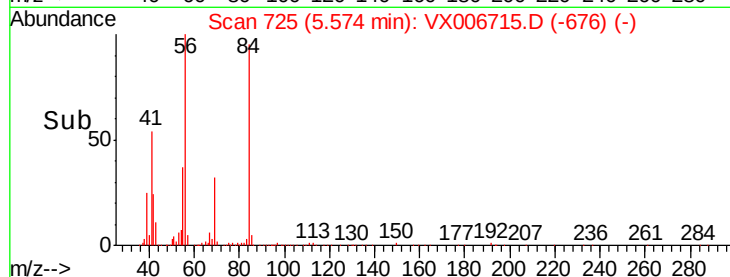
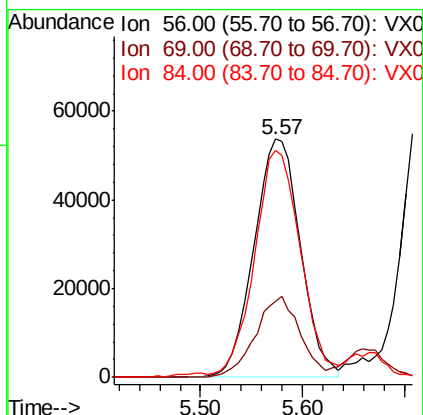
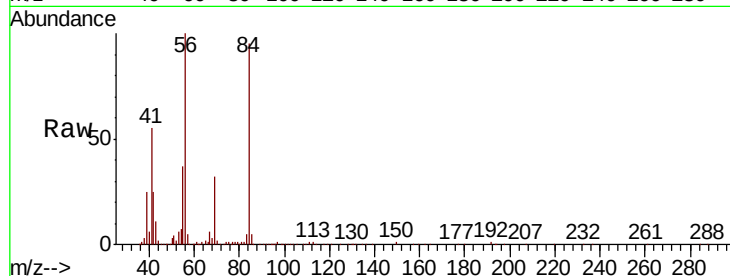




#31
Cyclohexane
Concen: 19.027 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

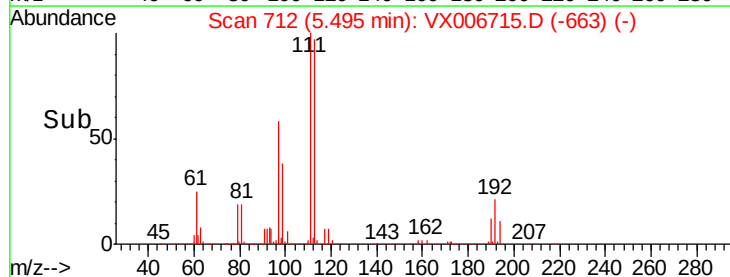
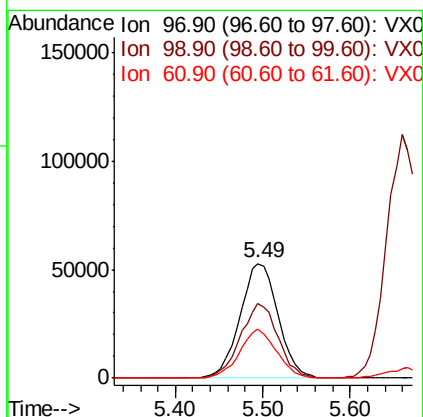
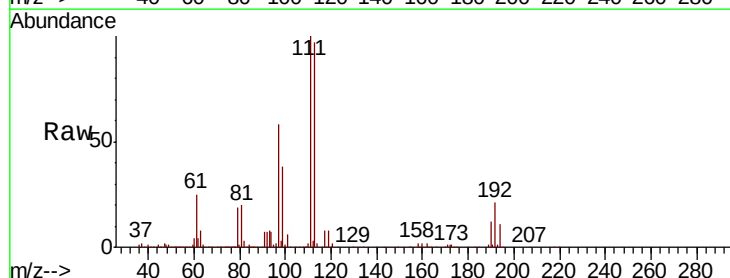
Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

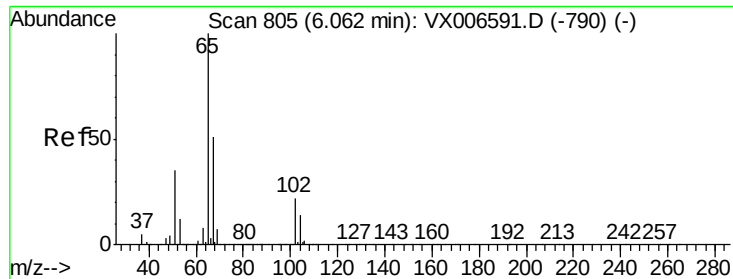
Tot Ion: 56 Resp: 169076
Ion Ratio Lower Upper
56 100
69 31.8 24.4 36.6
84 93.9 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 18.675 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Tgt Ion: 97 Resp: 159728
Ion Ratio Lower Upper
97 100
99 64.4 51.7 77.5
61 41.5 31.3 46.9

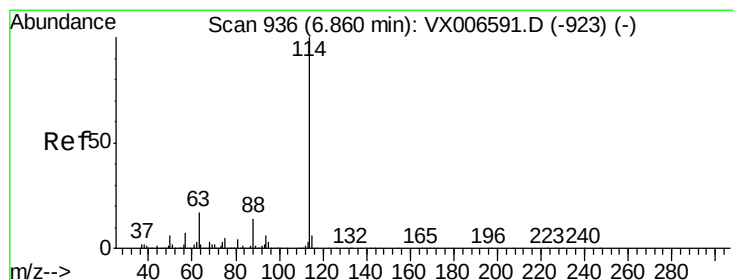
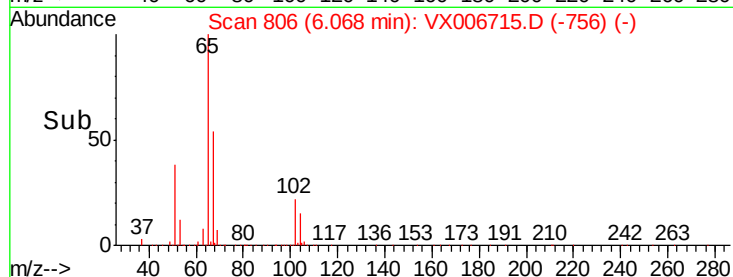
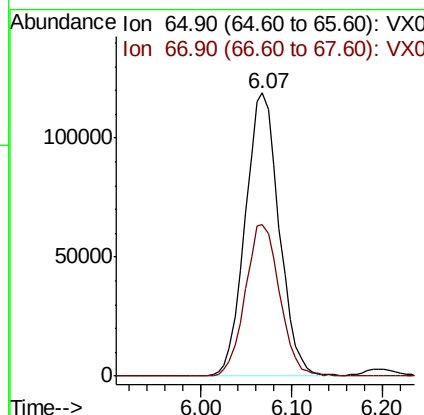
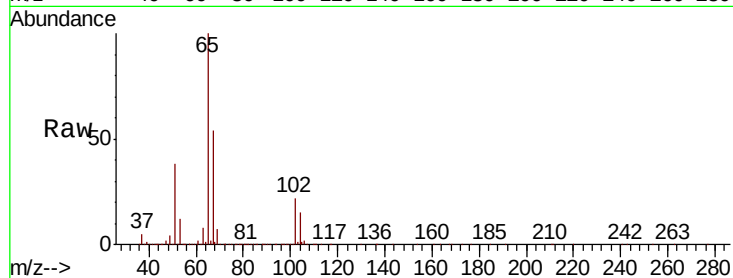




#33
 1,2-Dichloroethane-d4
 Concen: 47.886 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX006715.D
 Acq: 21 Dec 2018 11:29

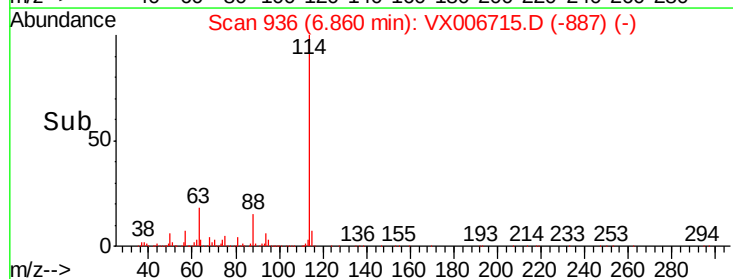
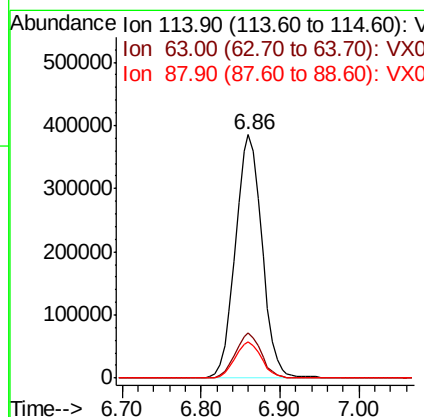
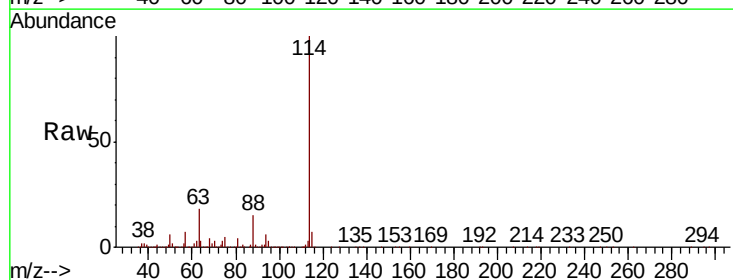
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1221WBS01

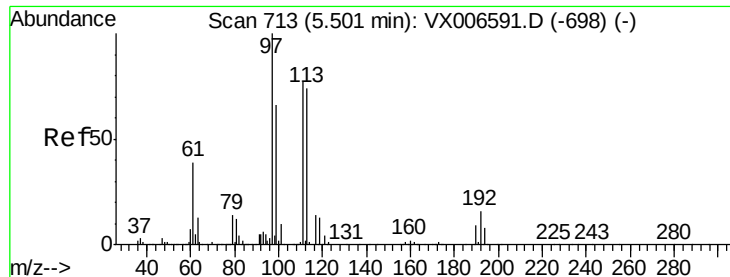
Tot Ion: 65 Resp: 307364
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006715.D
 Acq: 21 Dec 2018 11:29

Tgt Ion: 114 Resp: 903537
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 34.8
 88 15.0 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.891 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBS01

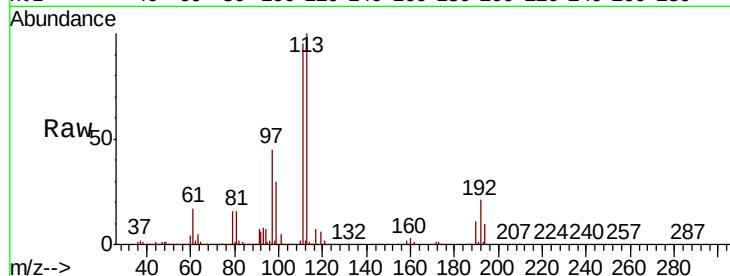
Tot Ion:113 Resp: 279355

Ion Ratio Lower Upper

113 100

111 100.5 81.6 122.4

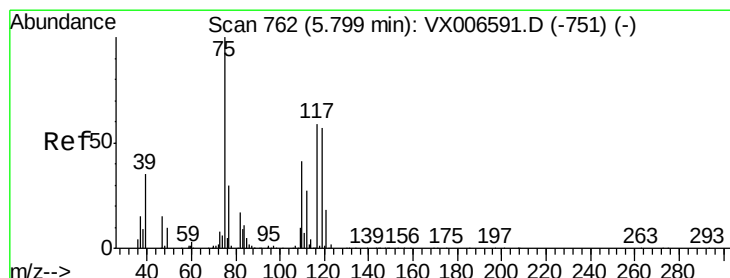
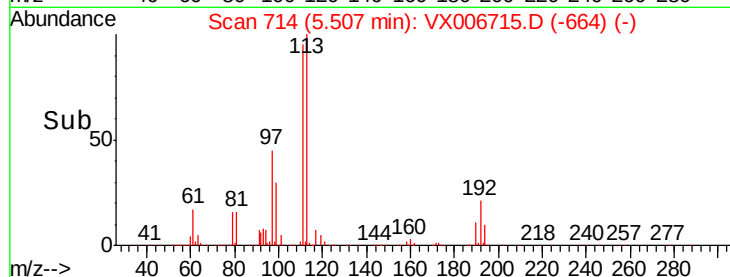
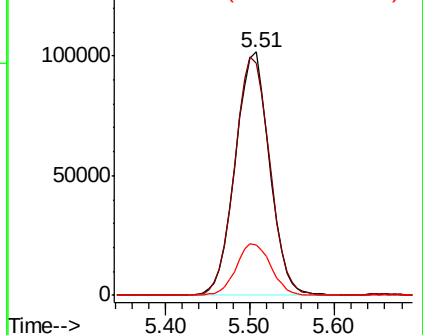
192 21.6 16.7 25.1



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: 19.185 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

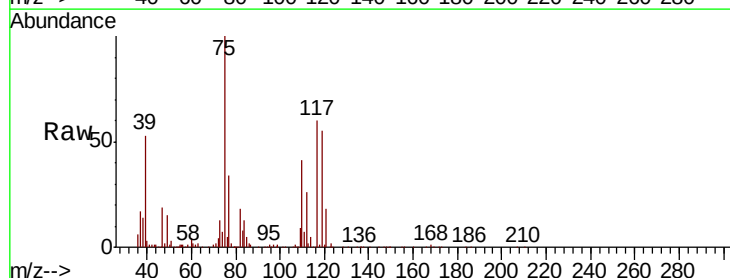
Tgt Ion: 75 Resp: 143568

Ion Ratio Lower Upper

75 100

110 41.1 20.2 60.5

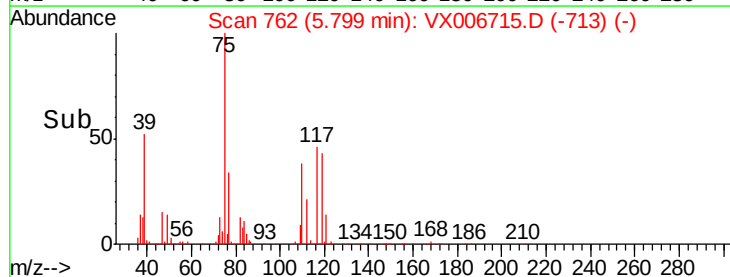
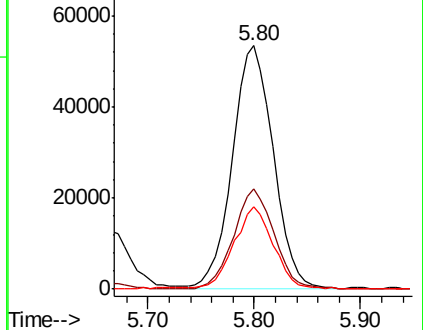
77 33.0 24.8 37.2

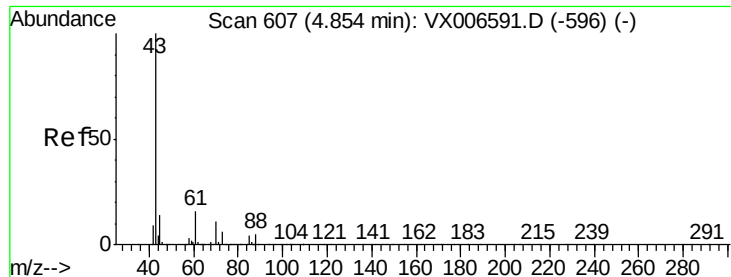


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

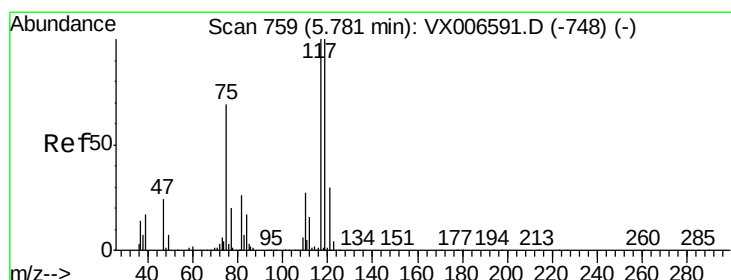
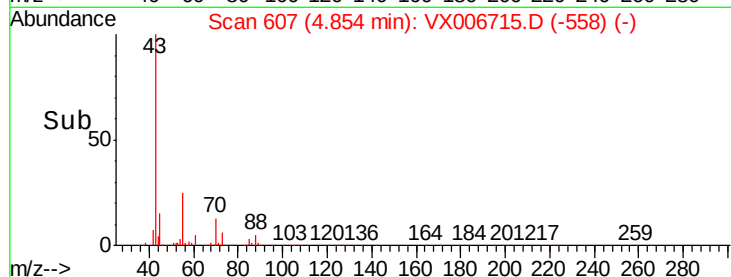
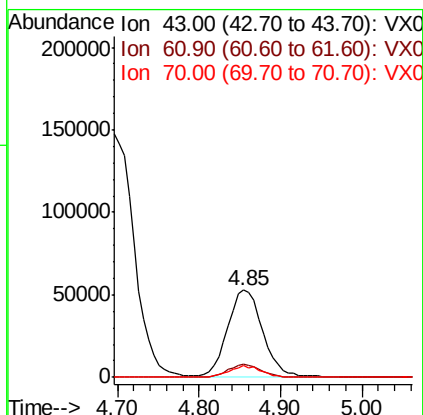
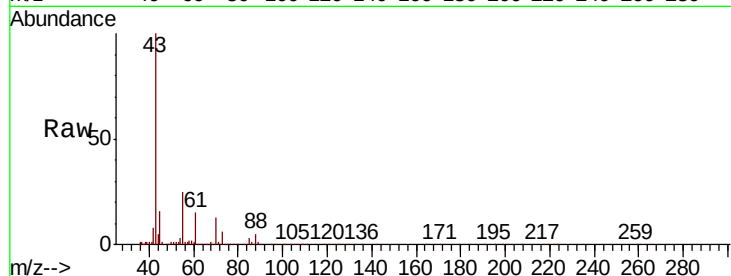




#37
Ethyl Acetate
Concen: 20.052 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

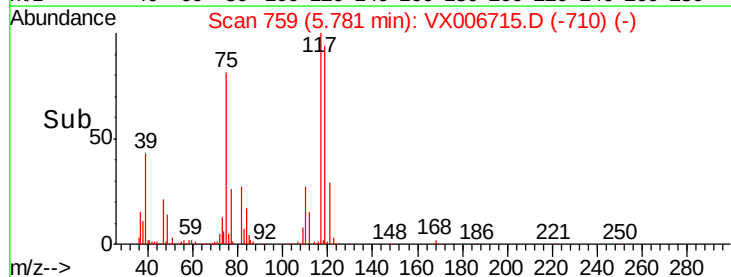
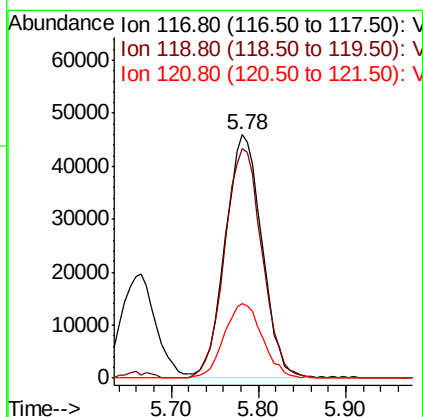
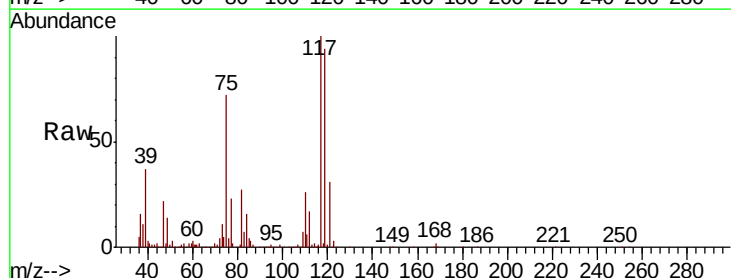
Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

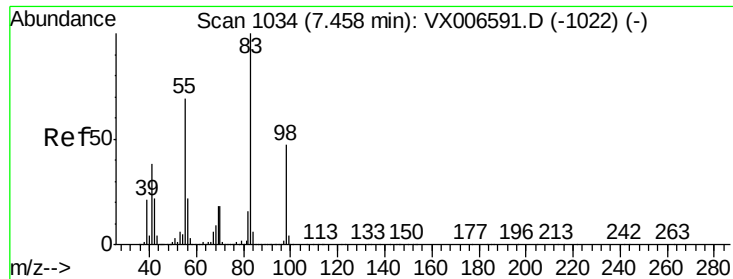
Tot Ion: 43 Resp: 156182
Ion Ratio Lower Upper
43 100
61 14.8 11.9 17.9
70 12.3 9.7 14.5



#38
Carbon Tetrachloride
Concen: 18.407 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Tgt Ion: 117 Resp: 133869
Ion Ratio Lower Upper
117 100
119 94.3 79.4 119.2
121 30.6 24.0 36.0

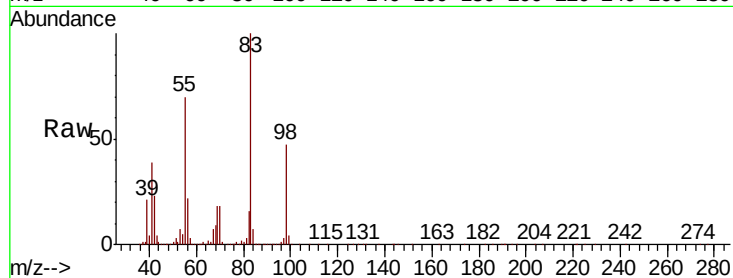




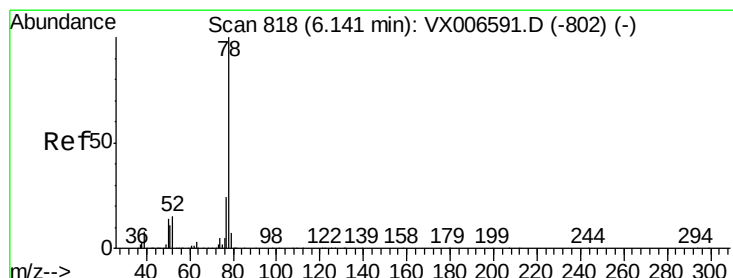
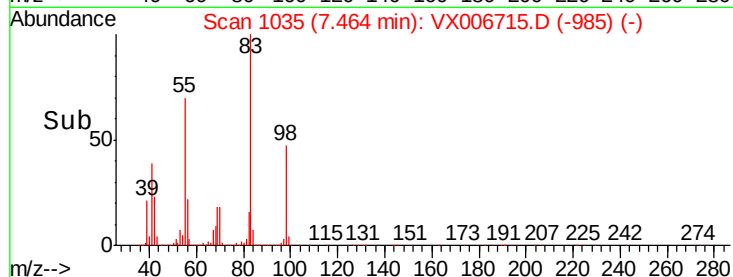
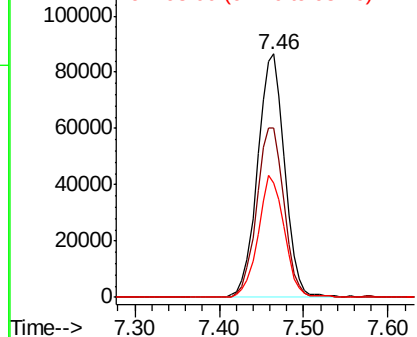
#39
Methylvlcyclohexane
Concen: 19.412 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

Tot Ion: 83 Resp: 191245
Ion Ratio Lower Upper
83 100
55 69.3 54.9 82.3
98 47.1 37.9 56.9

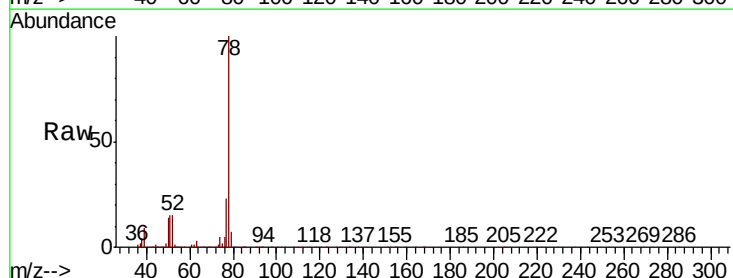


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

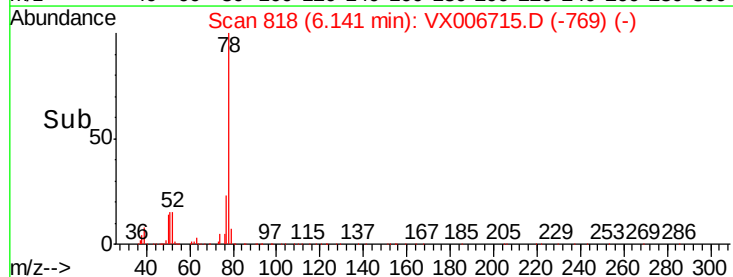
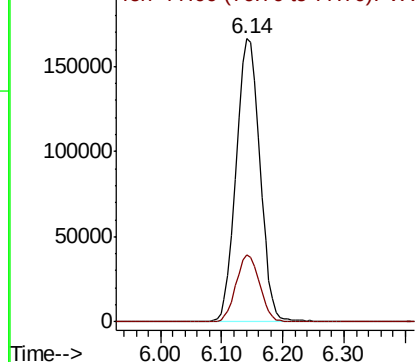


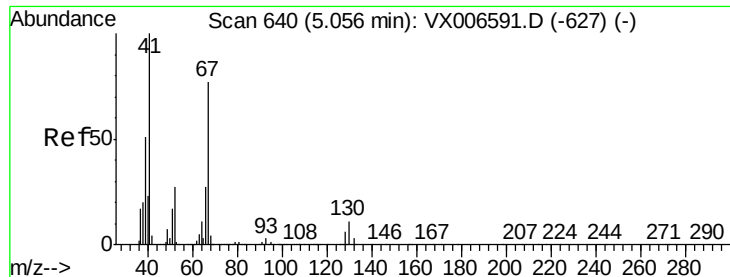
#40
Benzene
Concen: 19.505 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Tgt Ion: 78 Resp: 443690
Ion Ratio Lower Upper
78 100
77 23.4 19.2 28.8



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





#41

Methacrylonitrile

Concen: 20.809 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBS01

Tot Ion: 41 Resp: 86052

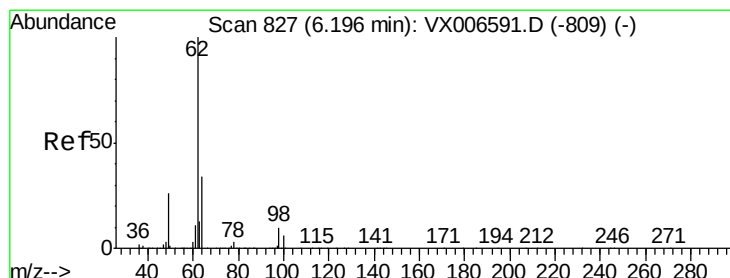
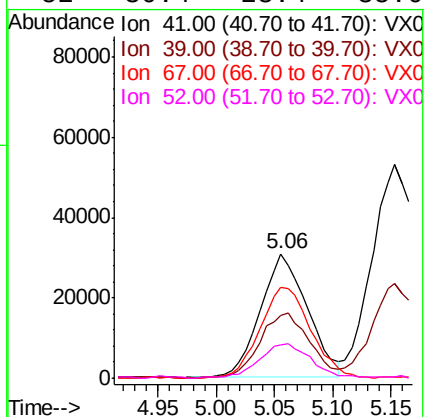
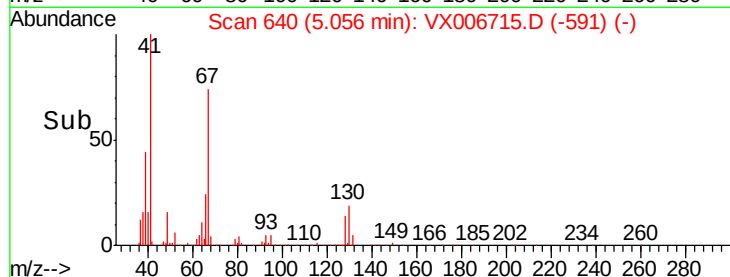
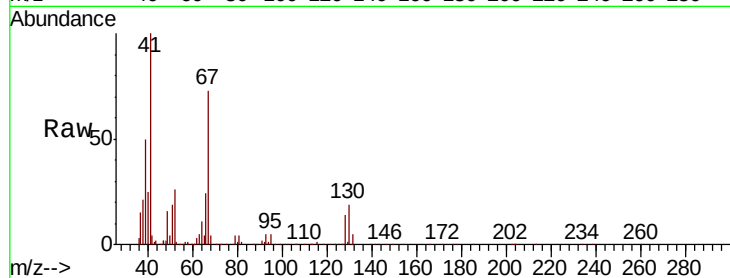
Ion Ratio Lower Upper

41 100

39 55.4 42.8 64.2

67 80.0 62.1 93.1

52 30.4 23.4 35.0



#42

1,2-Dichloroethane

Concen: 19.201 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX006715.D

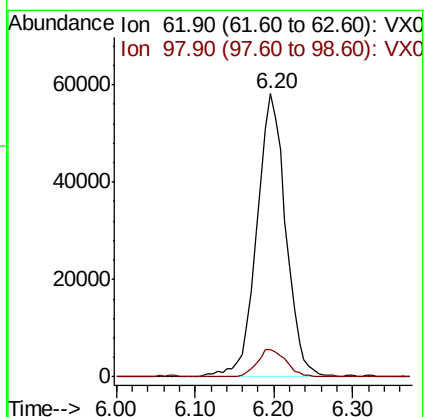
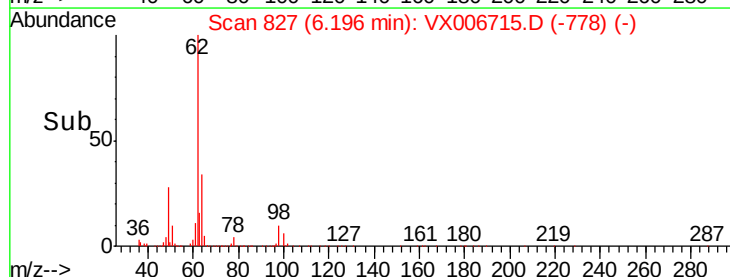
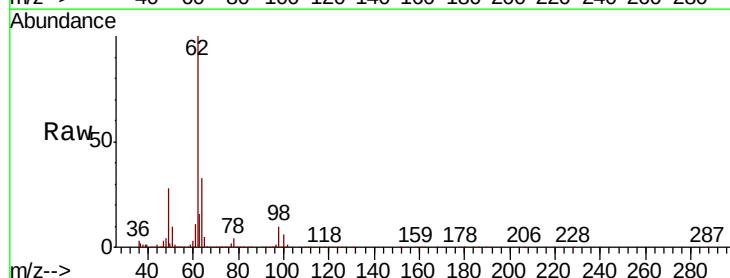
Acq: 21 Dec 2018 11:29

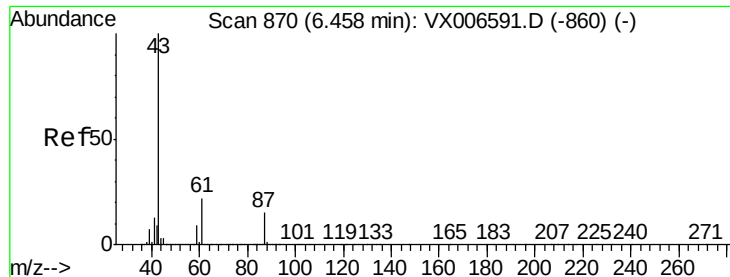
Tgt Ion: 62 Resp: 148832

Ion Ratio Lower Upper

62 100

98 9.9 0.0 20.2





#43

Isopropyl Acetate

Concen: 19.897 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBS01

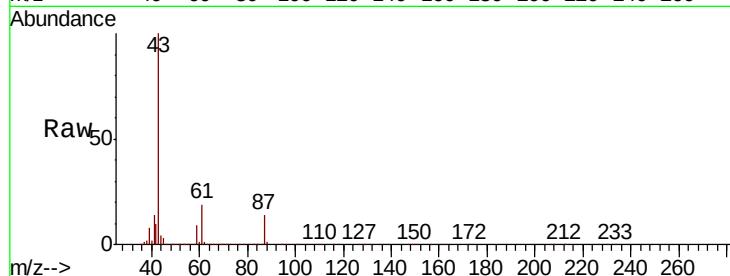
Tot Ion: 43 Resp: 235801

Ion Ratio Lower Upper

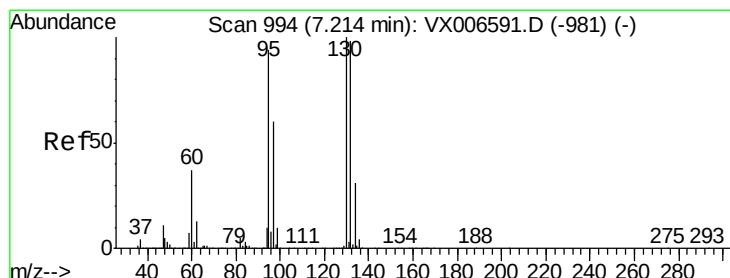
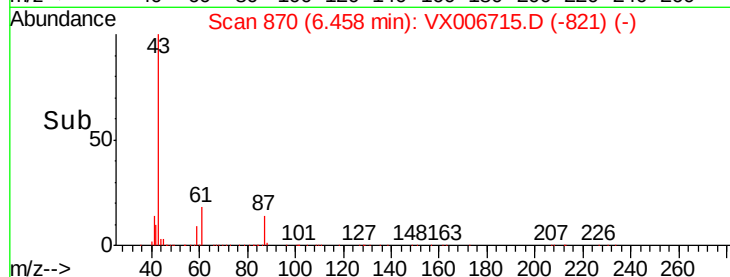
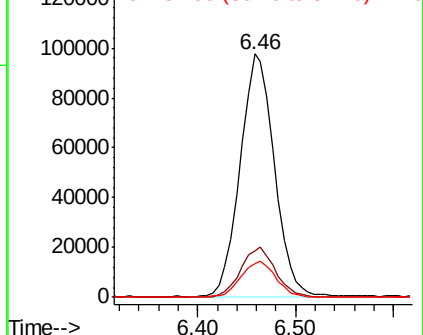
43 100

61 20.8 16.8 25.2

87 15.3 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: 18.899 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006715.D

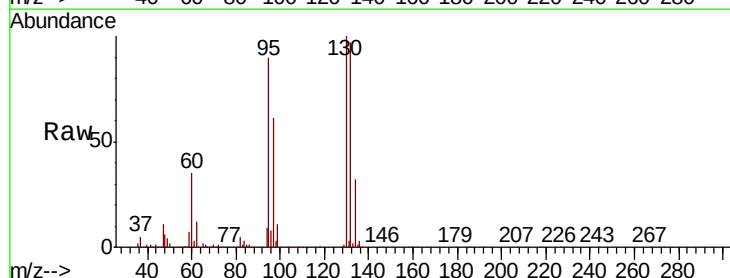
Acq: 21 Dec 2018 11:29

Tgt Ion:130 Resp: 130117

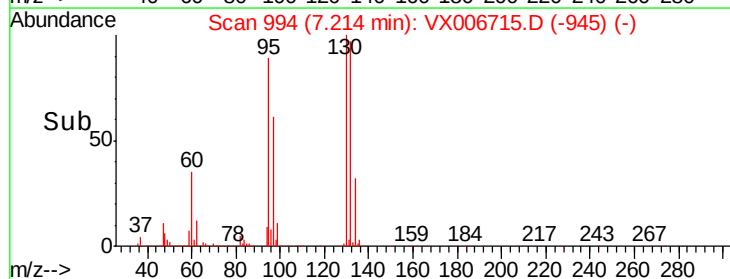
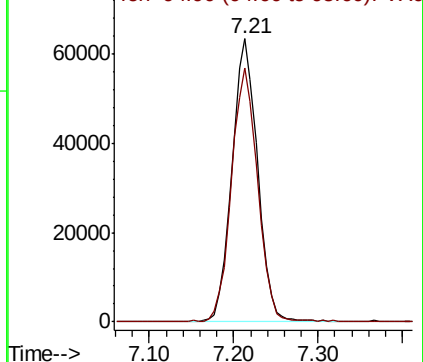
Ion Ratio Lower Upper

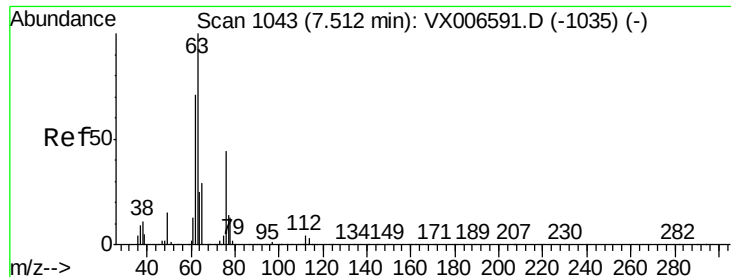
130 100

95 89.5 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: 20.285 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

ClientSampleId :

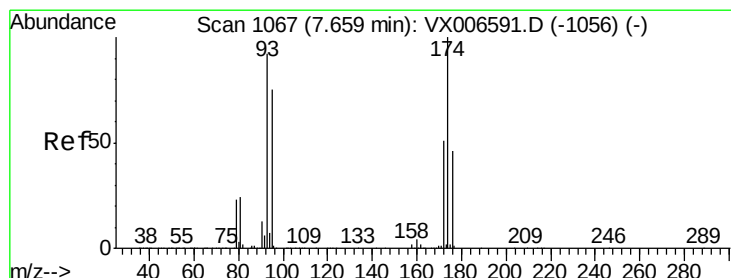
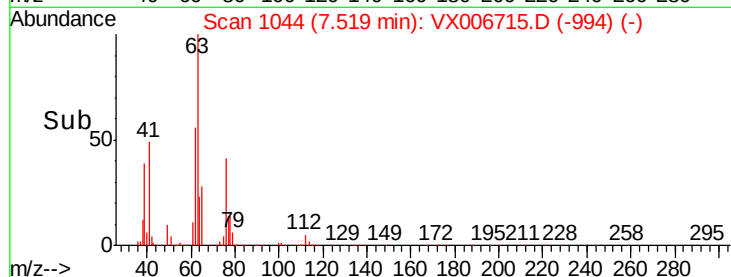
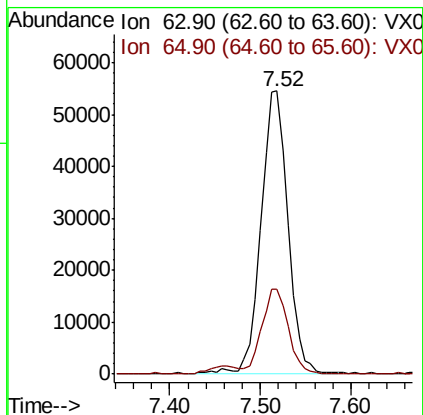
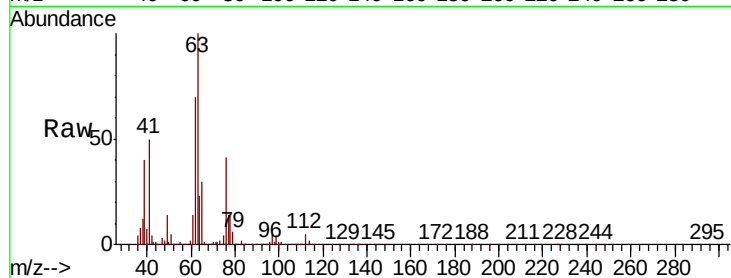
VX1221WBS01

Tot Ion: 63 Resp: 112287

Ion Ratio Lower Upper

63 100

65 30.1 25.4 38.0



#46

Dibromomethane

Concen: 19.035 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

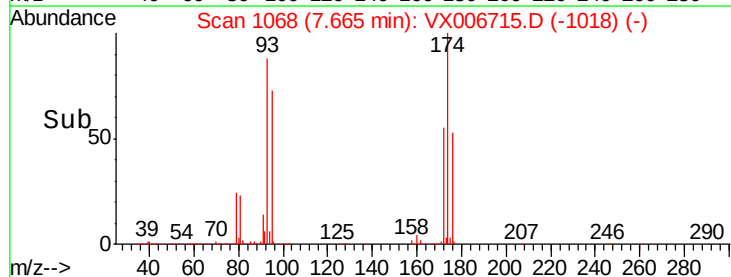
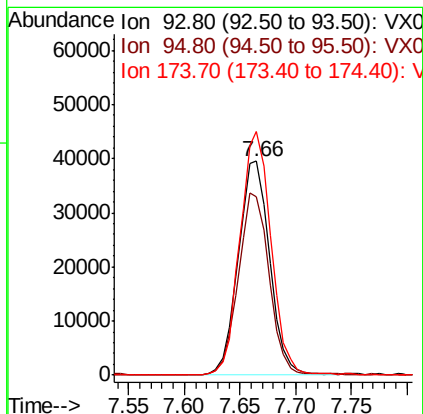
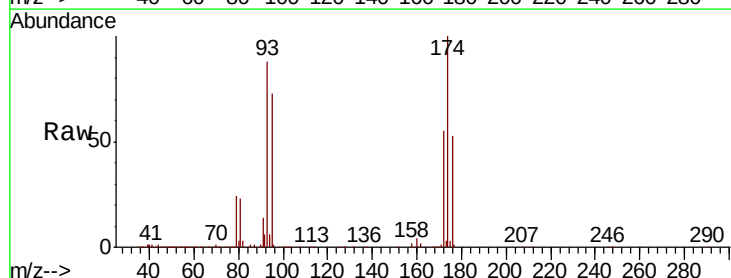
Tgt Ion: 93 Resp: 77504

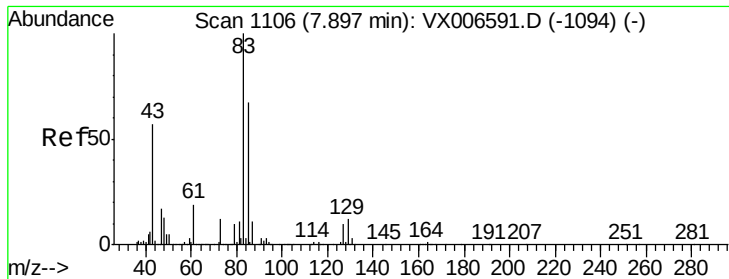
Ion Ratio Lower Upper

93 100

95 83.9 66.2 99.4

174 112.9 91.0 136.4





#47

Bromodichloromethane

Concen: 18.458 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBS01

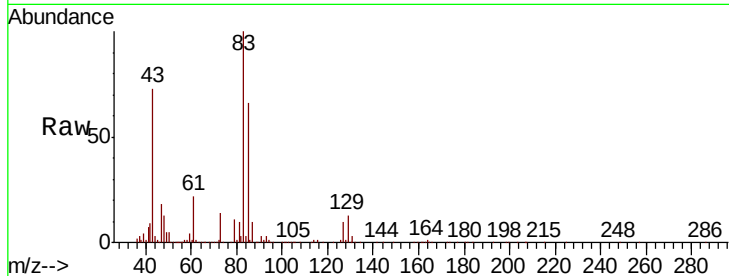
Tot Ion: 83 Resp: 124776

Ion Ratio Lower Upper

83 100

85 65.6 53.2 79.8

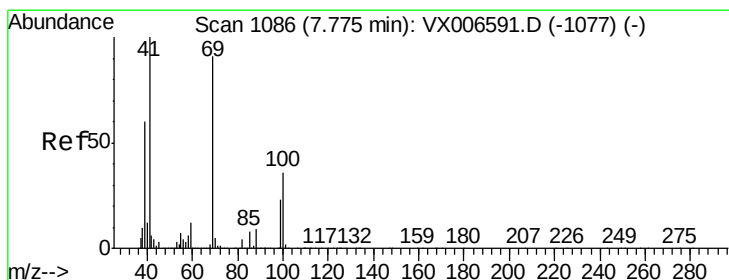
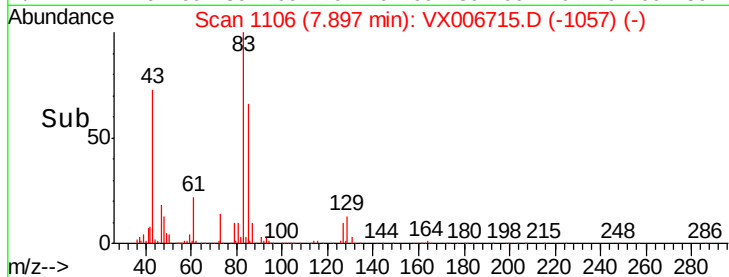
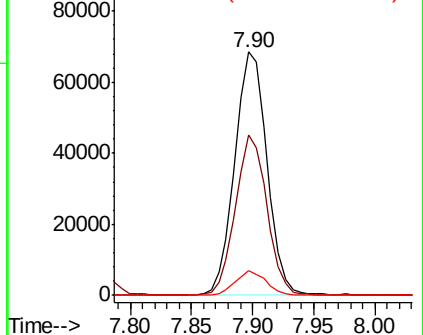
127 10.0 7.8 11.6



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: 20.957 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

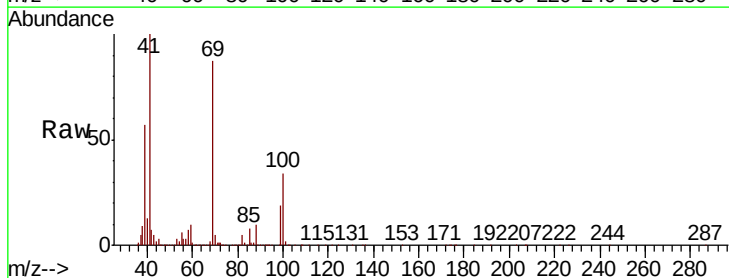
Tgt Ion: 41 Resp: 126301

Ion Ratio Lower Upper

41 100

69 89.6 72.4 108.6

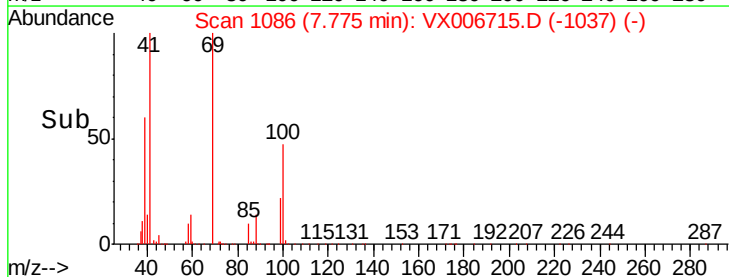
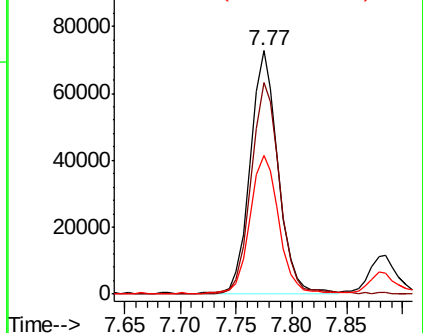
39 58.9 45.8 68.8

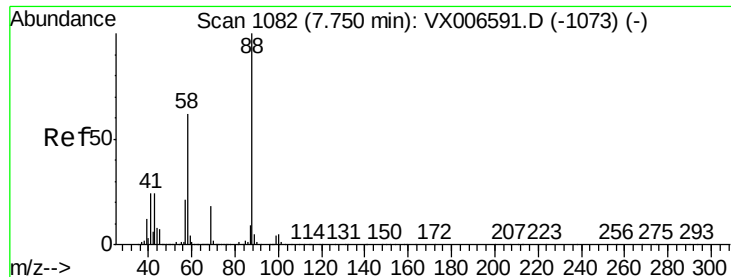


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 406.989 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBS01

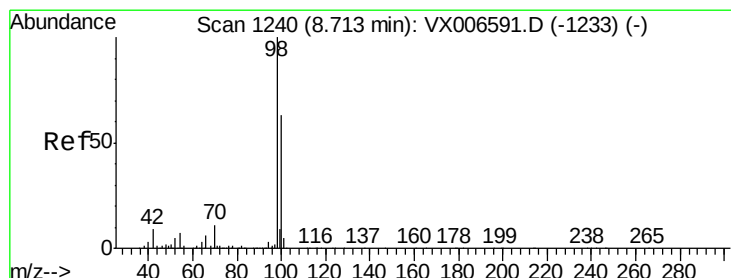
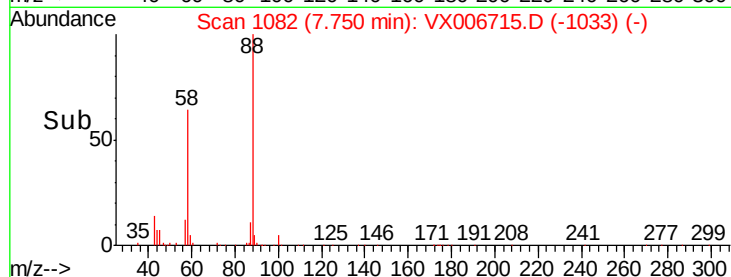
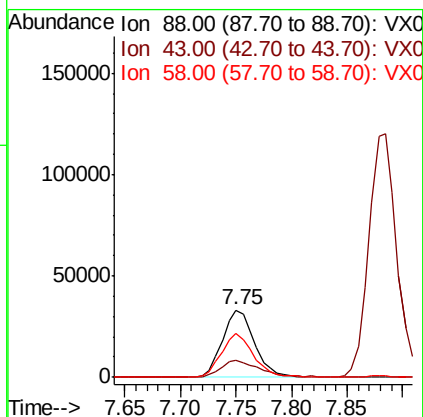
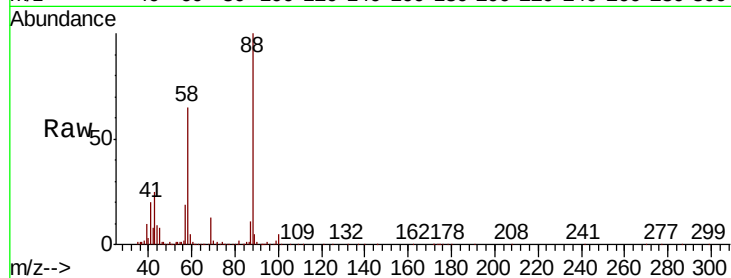
Tot Ion: 88 Resp: 66034

Ion Ratio Lower Upper

88 100

43 27.7 22.2 33.4

58 66.1 51.0 76.4



#50

Toluene-d8

Concen: 49.017 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006715.D

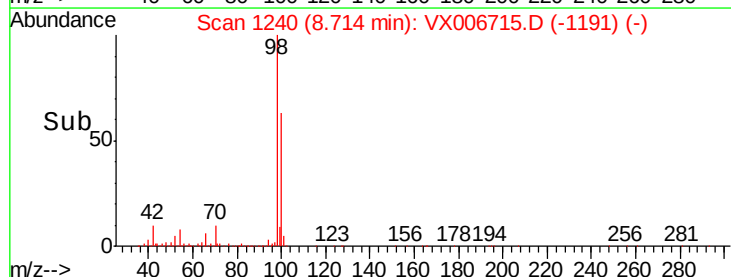
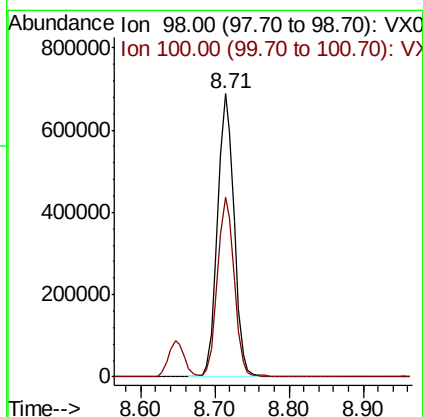
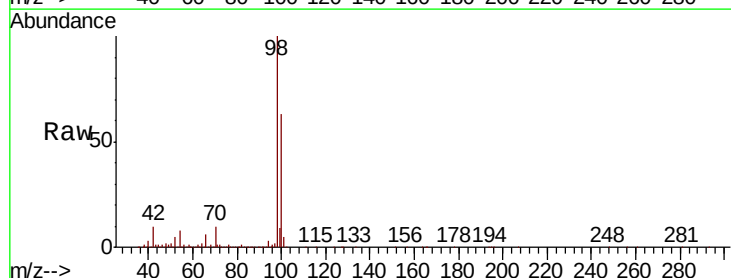
Acq: 21 Dec 2018 11:29

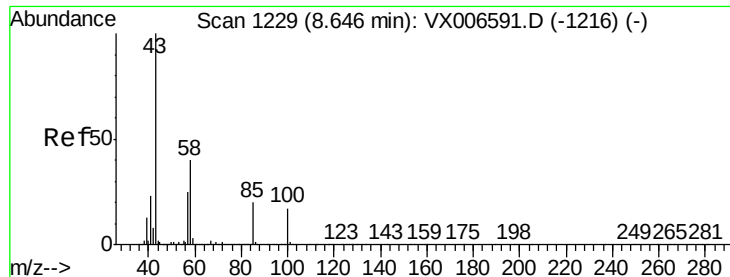
Tgt Ion: 98 Resp: 1055886

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 106.518 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

ClientSampleId :

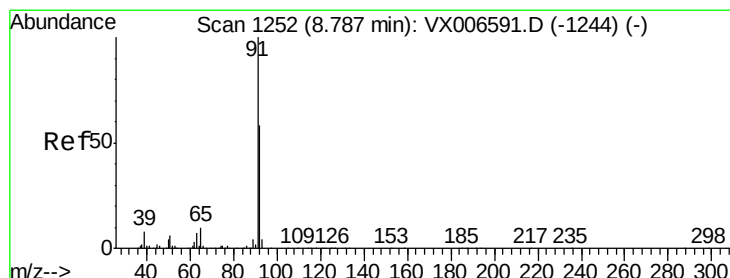
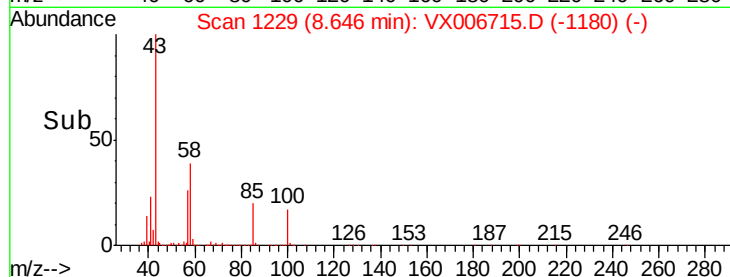
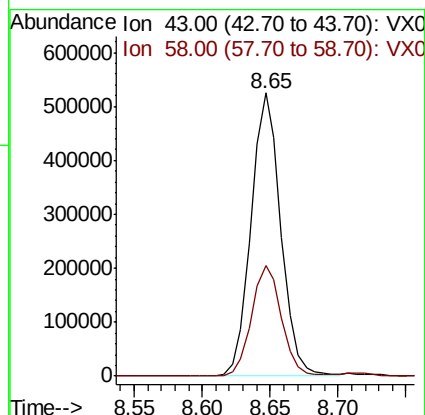
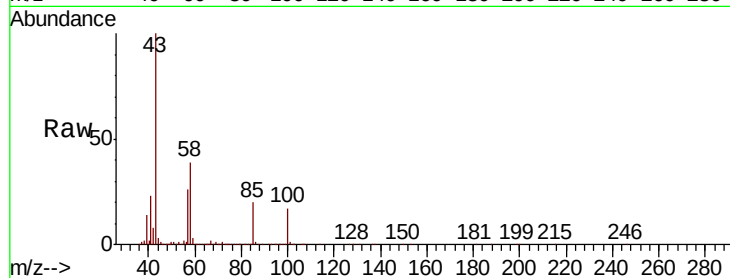
VX1221WBS01

Tot Ion: 43 Resp: 803194

Ion Ratio Lower Upper

43 100

58 39.6 31.8 47.6



#52

Toluene

Concen: 19.916 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006715.D

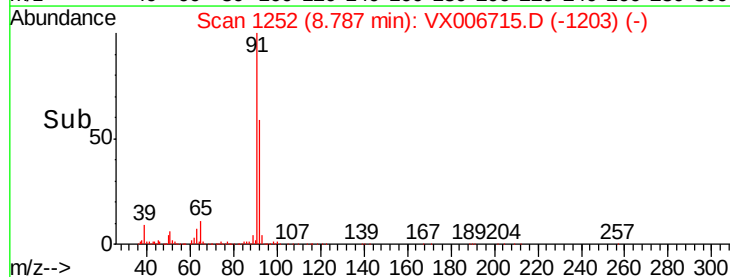
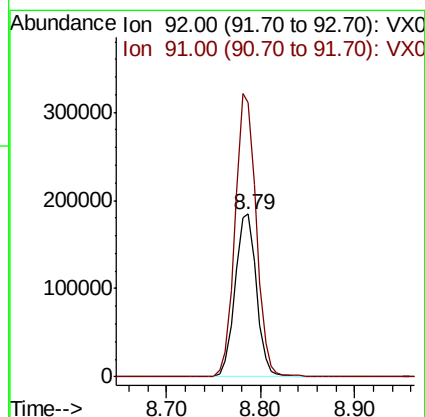
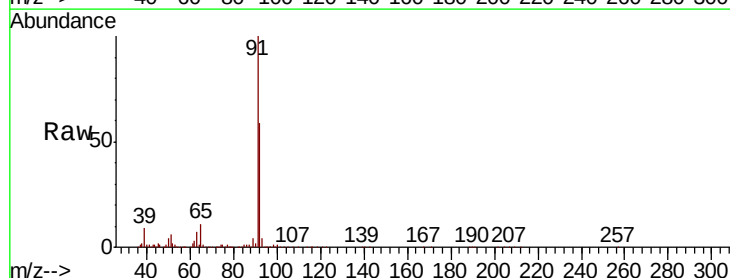
Acq: 21 Dec 2018 11:29

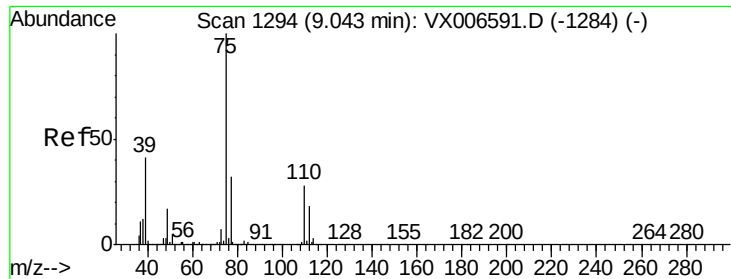
Tgt Ion: 92 Resp: 292680

Ion Ratio Lower Upper

92 100

91 170.6 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 17.870 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

ClientSampleId :

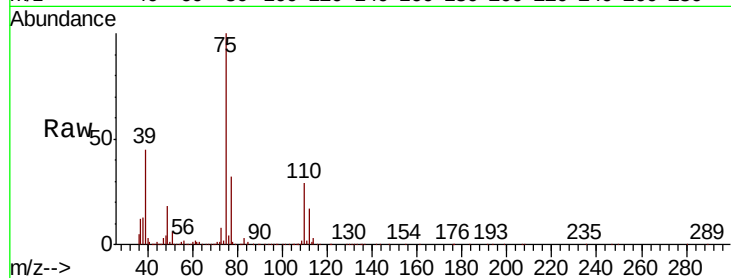
VX1221WBS01

Tot Ion: 75 Resp: 129551

Ion Ratio Lower Upper

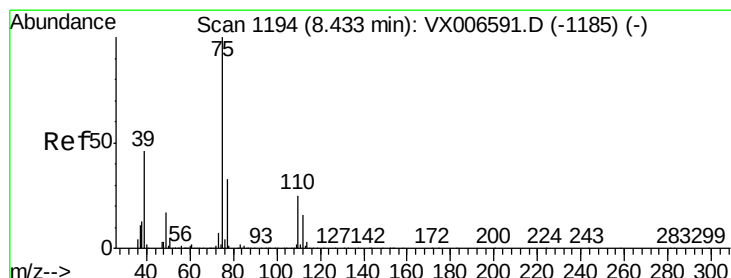
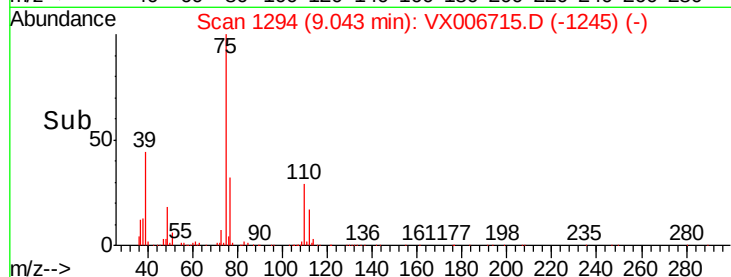
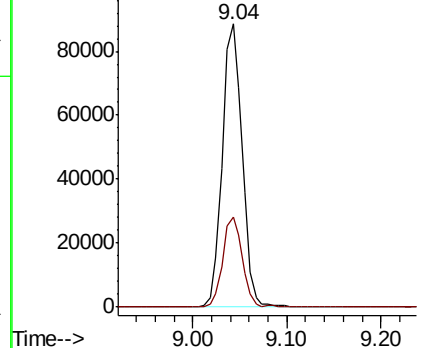
75 100

77 31.8 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.039 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

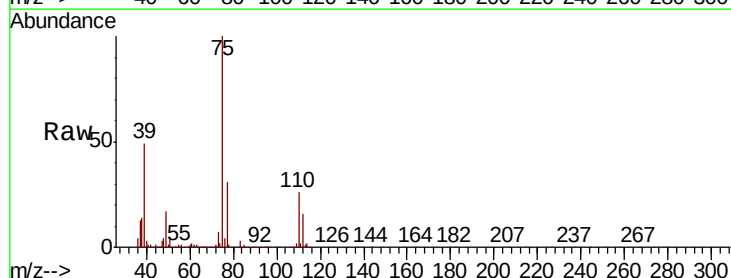
Tgt Ion: 75 Resp: 151451

Ion Ratio Lower Upper

75 100

77 30.6 26.2 39.2

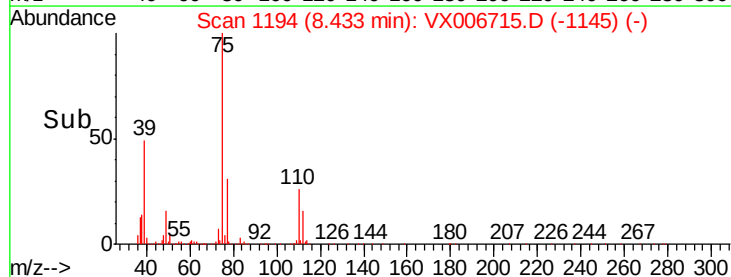
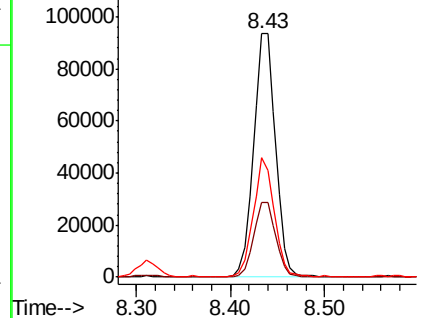
39 48.5 36.7 55.1

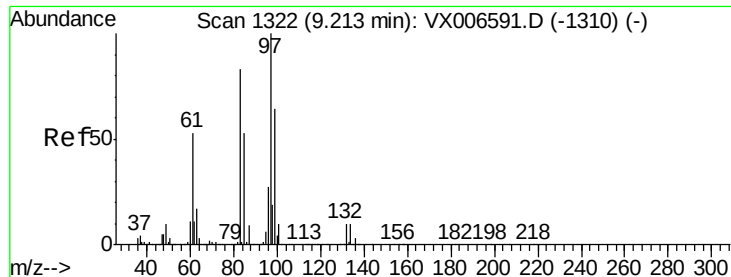


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 19.769 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBS01

Tot Ion: 97 Resp: 118911

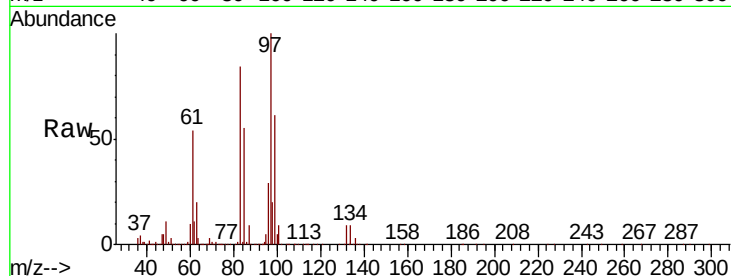
Ion Ratio Lower Upper

97 100

83 83.6 66.6 99.8

85 55.3 42.7 64.1

99 61.2 50.8 76.2

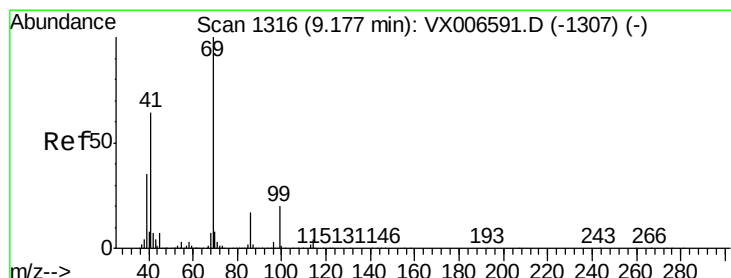
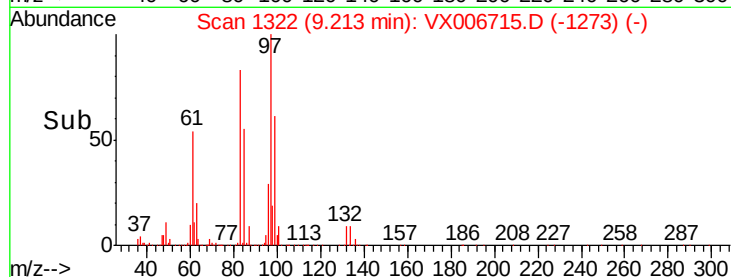
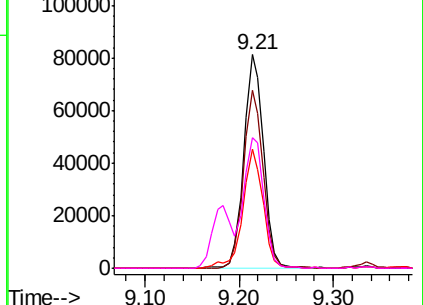


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 20.380 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

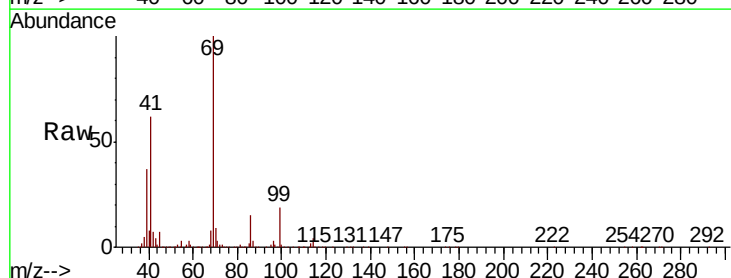
Tgt Ion: 69 Resp: 173265

Ion Ratio Lower Upper

69 100

41 61.6 48.7 73.1

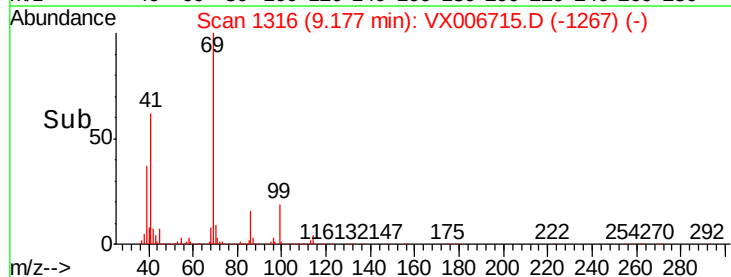
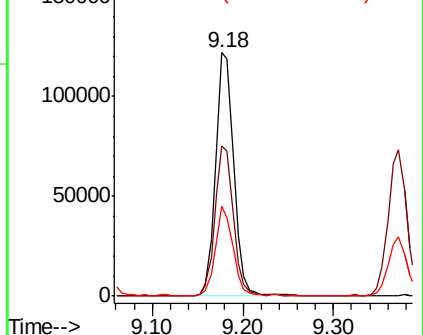
39 35.2 27.0 40.6

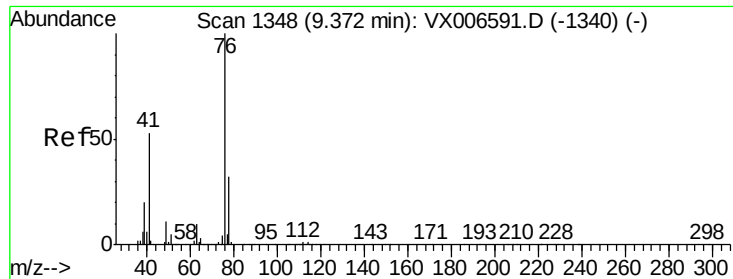


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

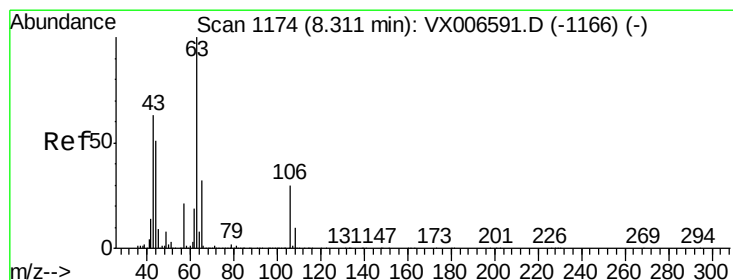
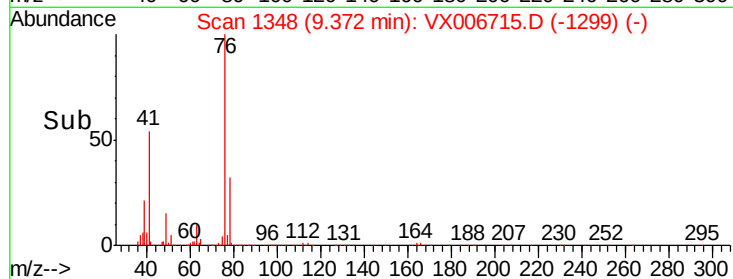
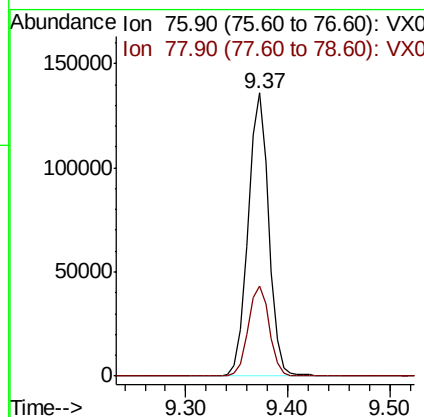
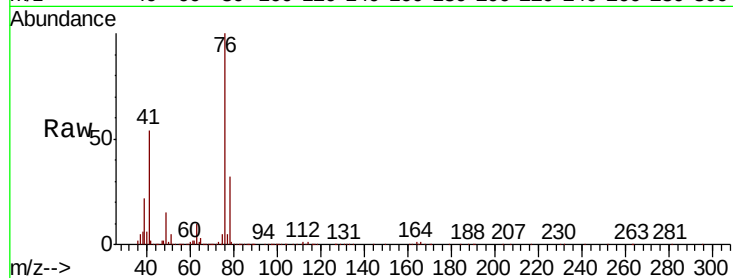




#57
 1,3-Dichloropropane
 Concen: 19.723 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006715.D
 Acq: 21 Dec 2018 11:29

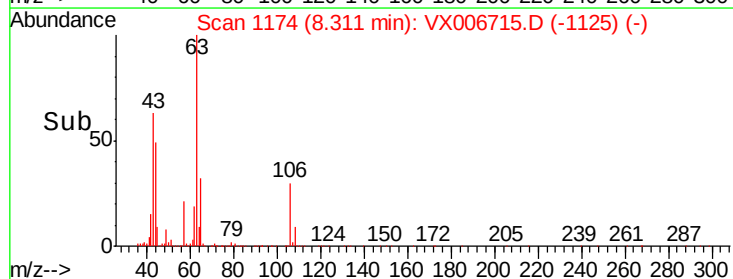
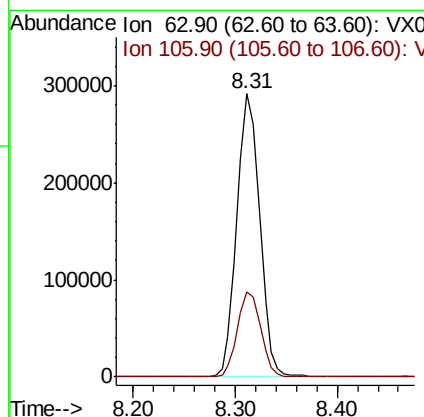
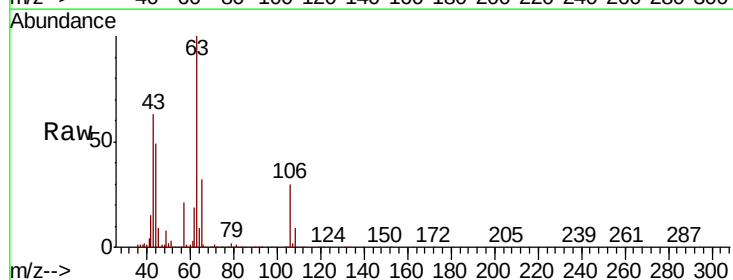
Instrument :
 MSVOA_X
 ClientSampled :
 VX1221WBS01

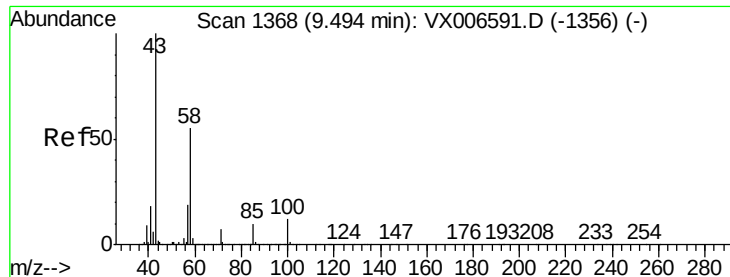
Tot Ion: 76 Resp: 190875
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.964 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX006715.D
 Acq: 21 Dec 2018 11:29

Tgt Ion: 63 Resp: 451754
 Ion Ratio Lower Upper
 63 100
 106 30.8 24.6 36.8

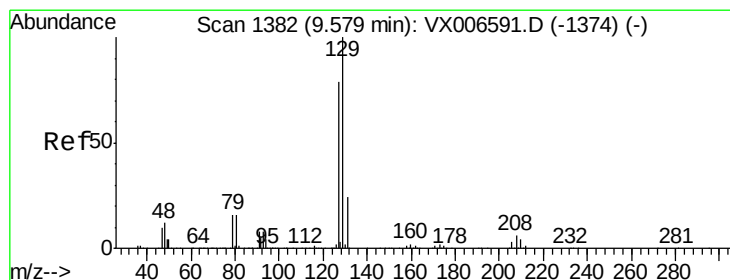
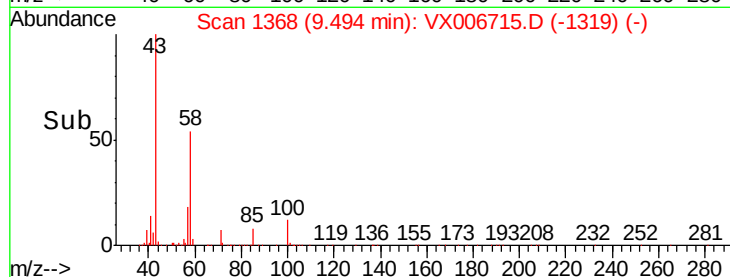
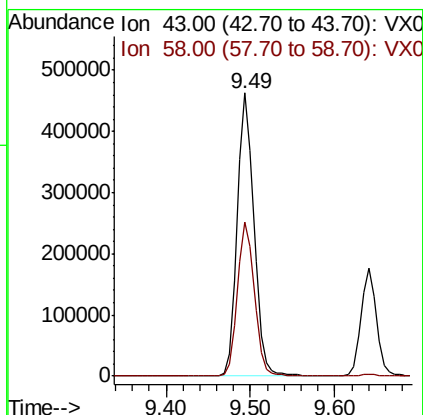
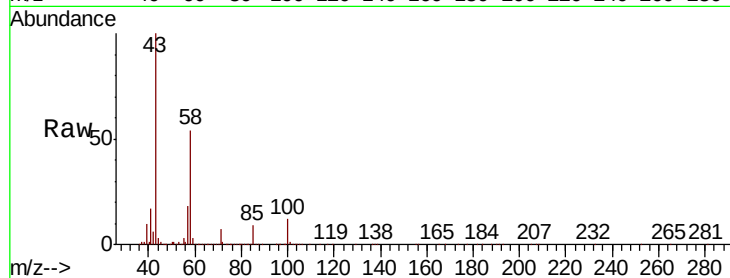




#59
2-Hexanone
Concen: 107.503 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

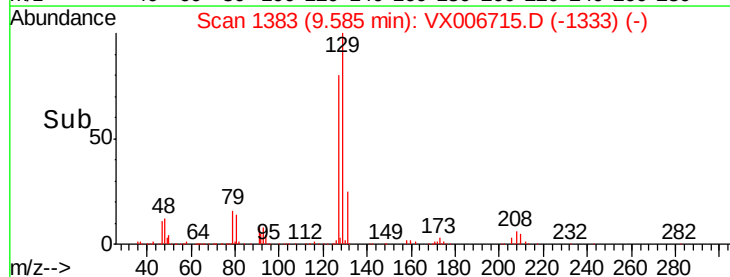
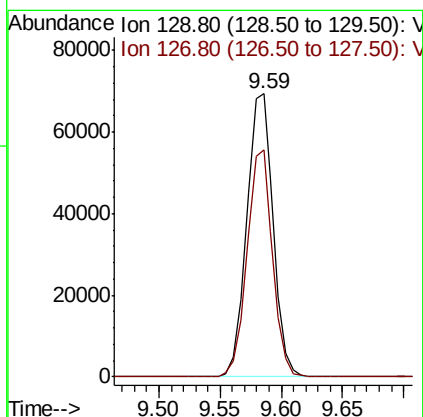
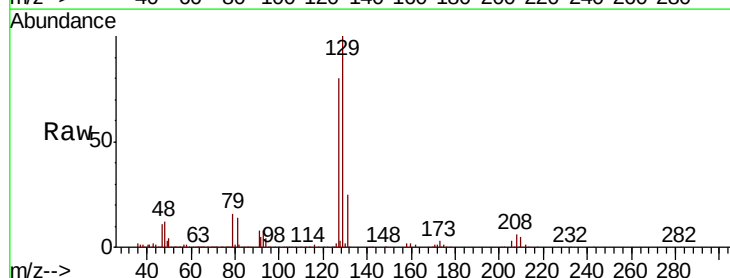
Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

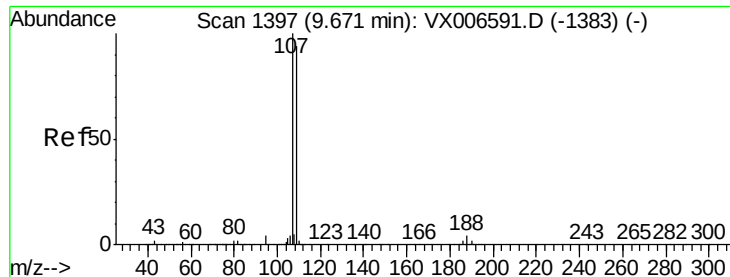
Tot Ion: 43 Resp: 620223
Ion Ratio Lower Upper
43 100
58 54.8 27.7 83.1



#60
Dibromochloromethane
Concen: 18.123 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Tgt Ion:129 Resp: 104237
Ion Ratio Lower Upper
129 100
127 77.5 39.3 117.8





#61

1,2-Dibromoethane

Concen: 19.919 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

ClientSampleId :

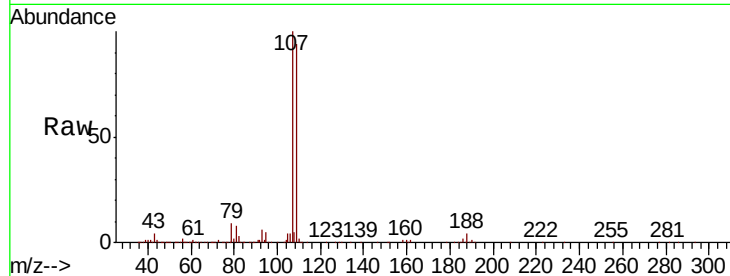
VX1221WBS01

Tot Ion:107 Resp: 127370

Ion Ratio Lower Upper

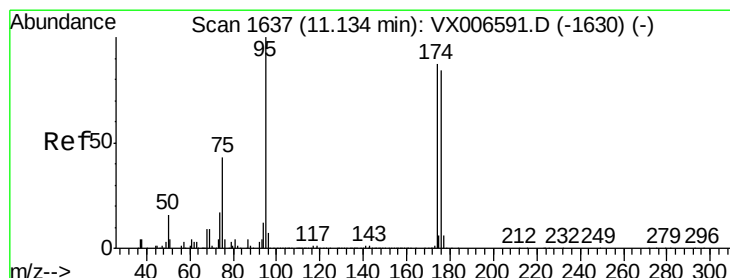
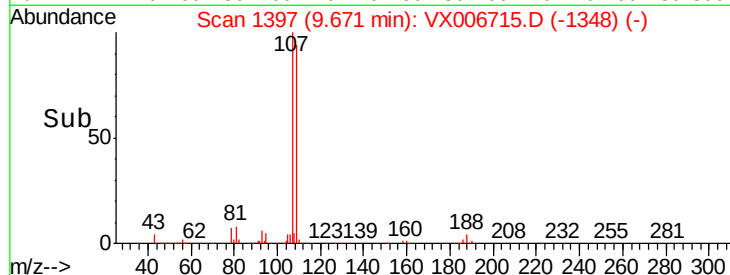
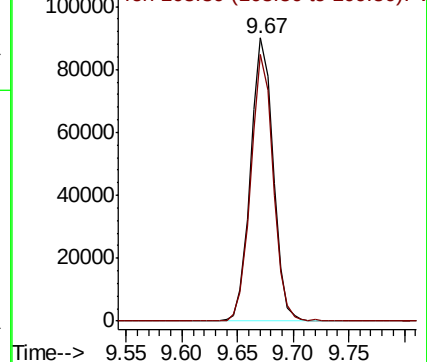
107 100

109 93.5 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: 48.862 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

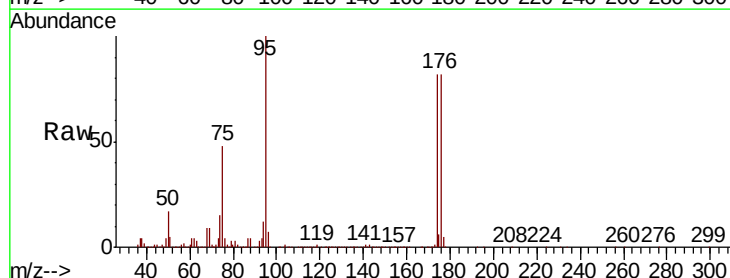
Tgt Ion: 95 Resp: 385486

Ion Ratio Lower Upper

95 100

174 90.9 0.0 182.2

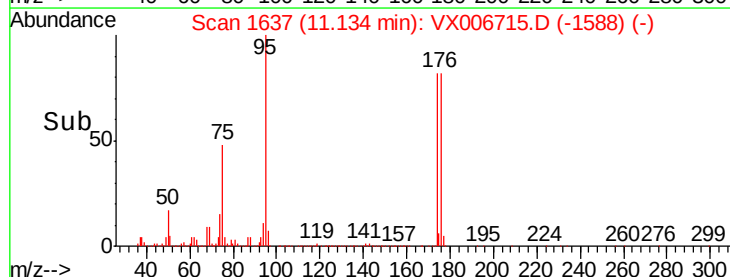
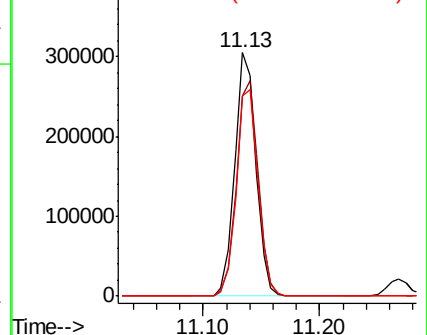
176 88.1 0.0 178.8

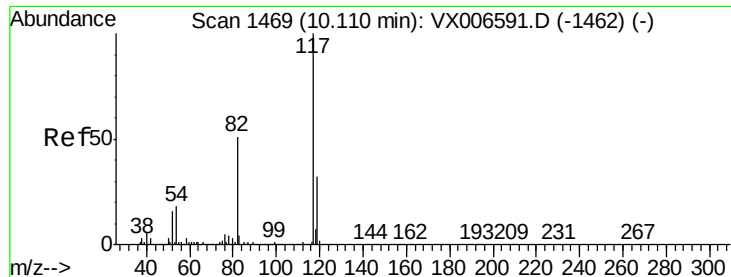


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBS01

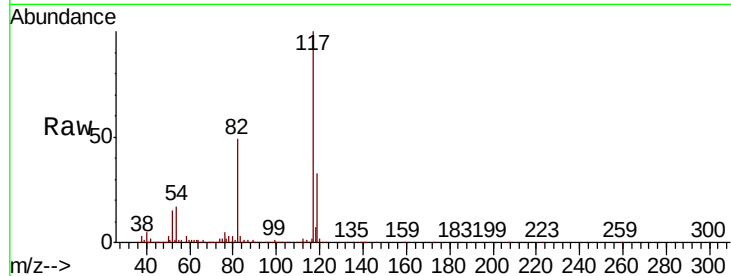
Tot Ion:117 Resp: 816505

Ion Ratio Lower Upper

117 100

82 49.2 41.0 61.6

119 32.7 25.4 38.0

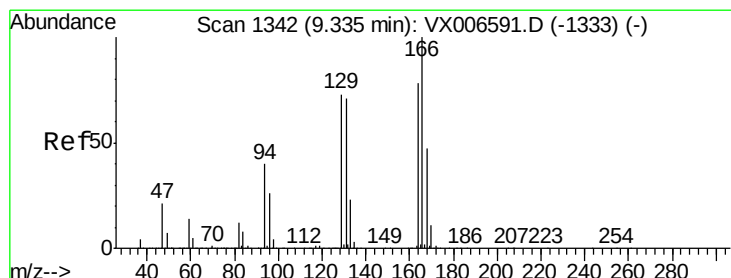
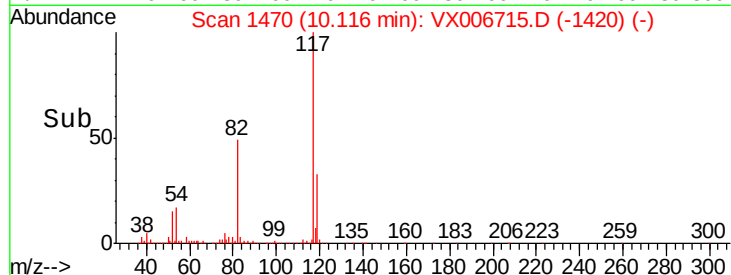
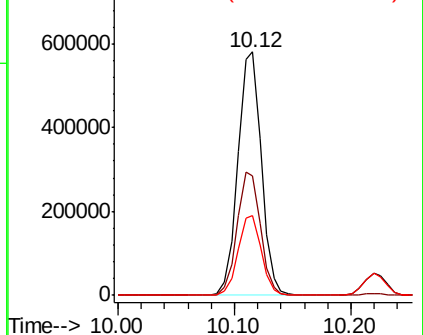


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 20.072 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Tgt Ion:164 Resp: 129776

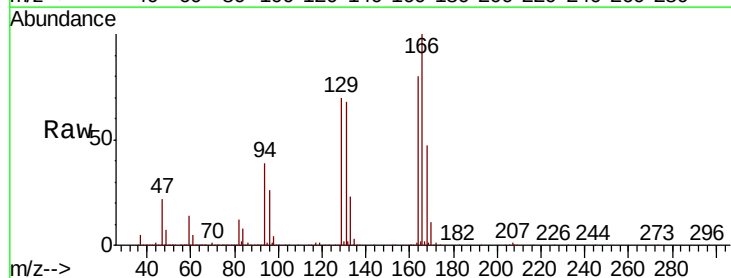
Ion Ratio Lower Upper

164 100

166 125.3 102.5 153.7

129 88.2 75.1 112.7

131 85.6 72.7 109.1



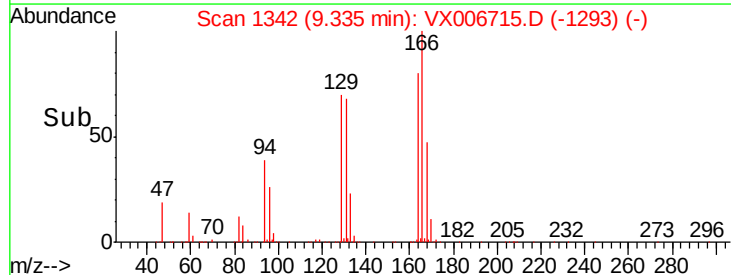
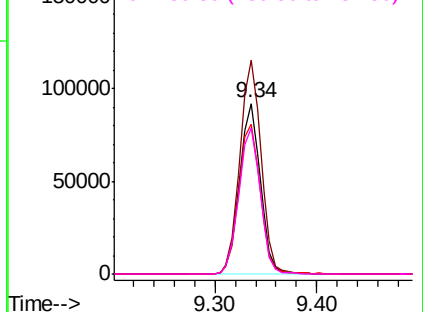
Abundance

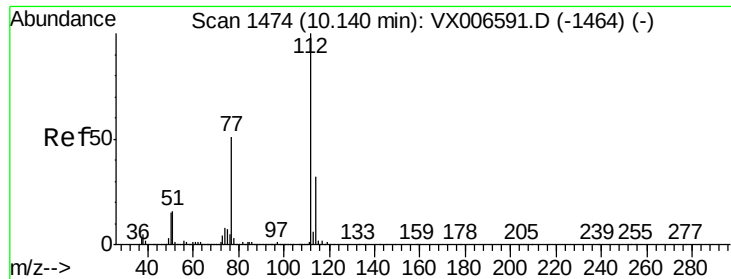
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

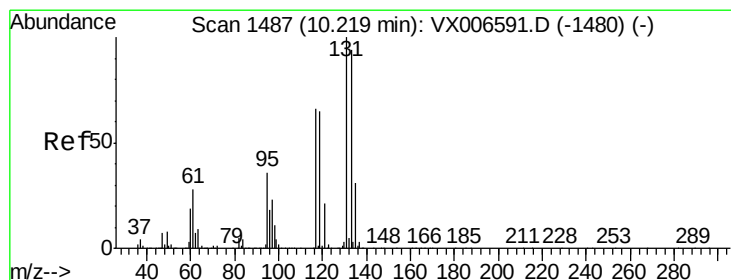
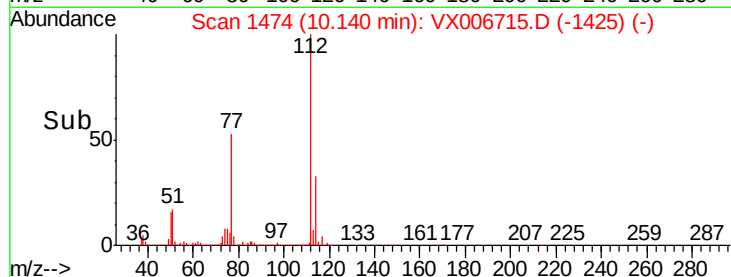
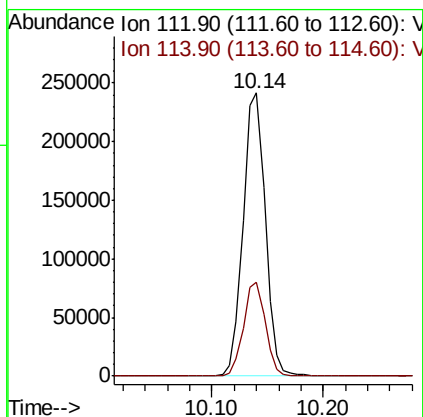
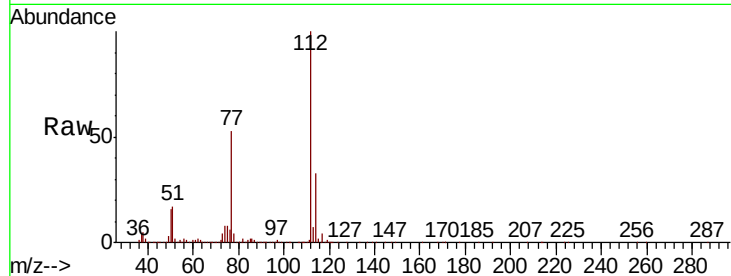




#65
Chlorobenzene
Concen: 19.437 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

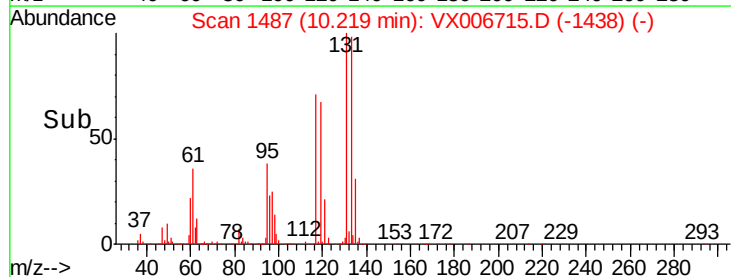
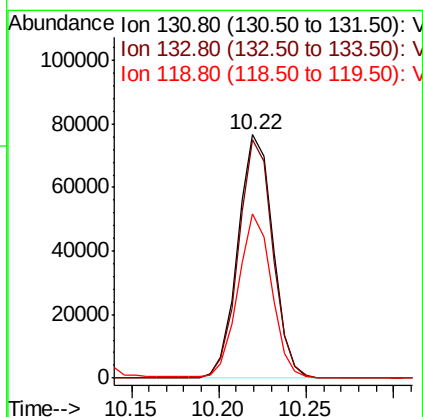
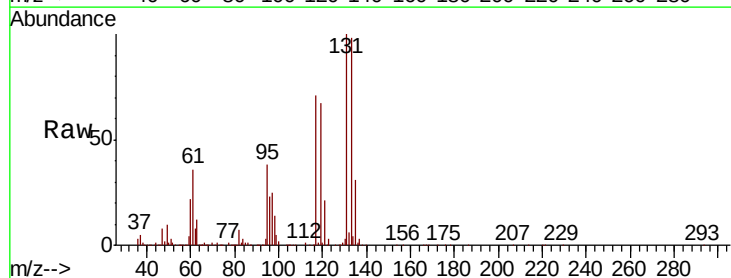
Instrument :
MSVOA_X
ClientSampled :
VX1221WBS01

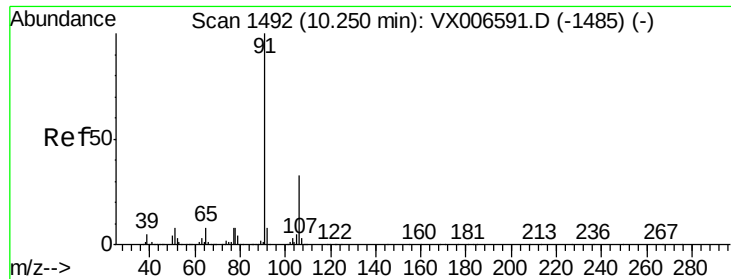
Tot Ion:112 Resp: 335758
Ion Ratio Lower Upper
112 100
114 33.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.797 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Tgt Ion:131 Resp: 106692
Ion Ratio Lower Upper
131 100
133 96.1 48.0 144.2
119 65.6 32.6 97.8





#67

Ethyl Benzene

Concen: 20.046 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

ClientSampleId :

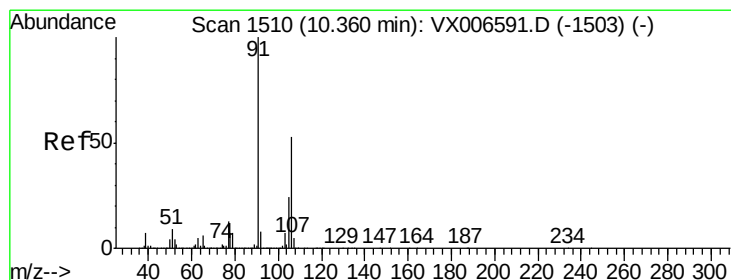
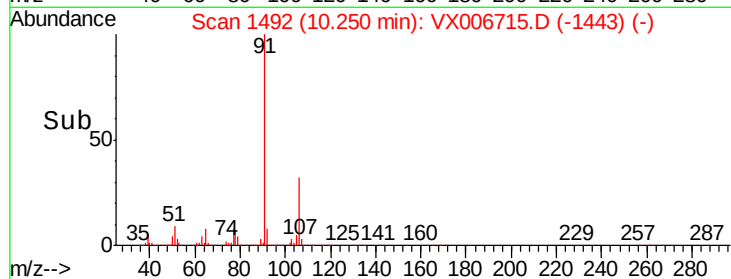
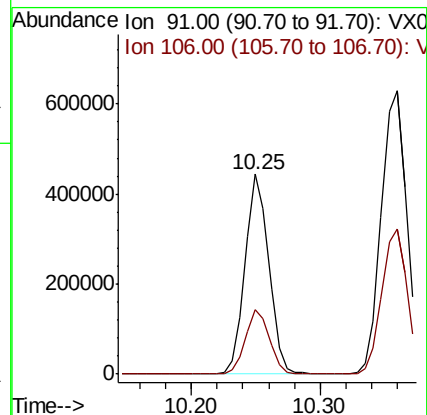
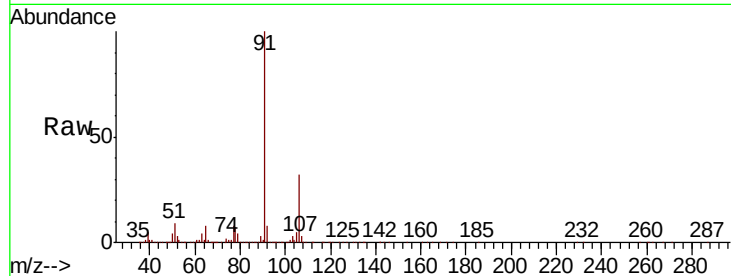
VX1221WBS01

Tot Ion: 91 Resp: 565829

Ion Ratio Lower Upper

91 100

106 32.4 26.4 39.6



#68

m/p-Xylenes

Concen: 39.529 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006715.D

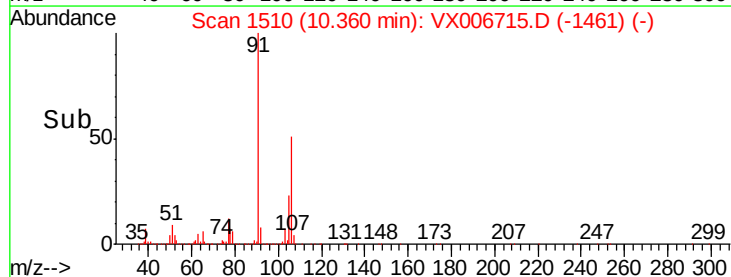
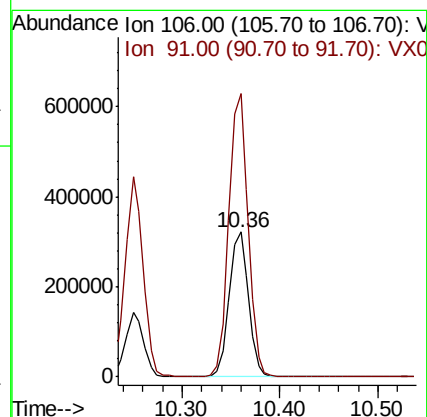
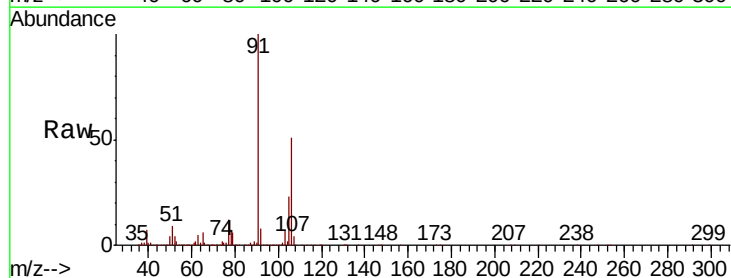
Acq: 21 Dec 2018 11:29

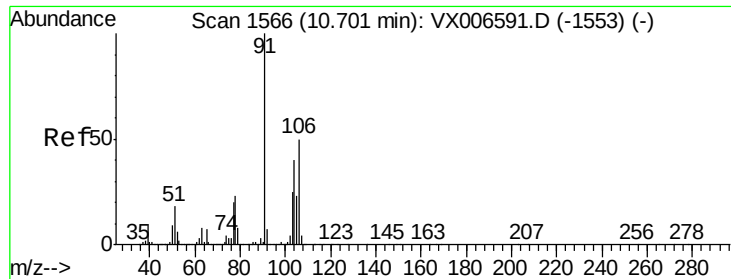
Tgt Ion: 106 Resp: 440280

Ion Ratio Lower Upper

106 100

91 195.3 155.8 233.6

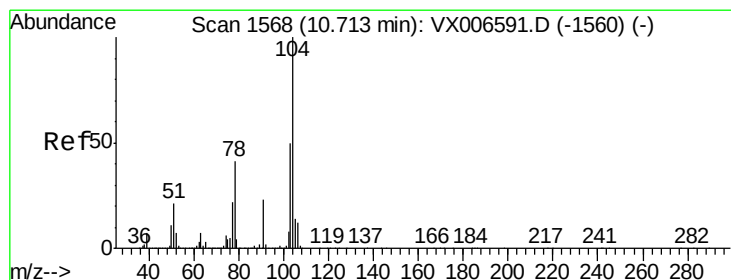
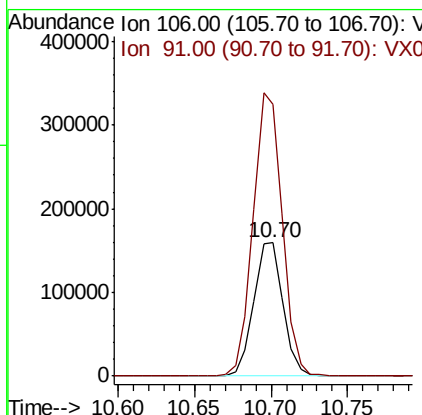
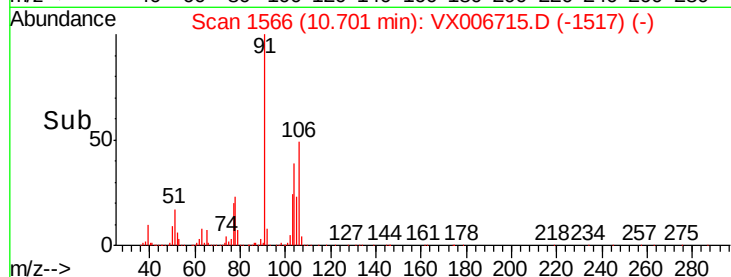
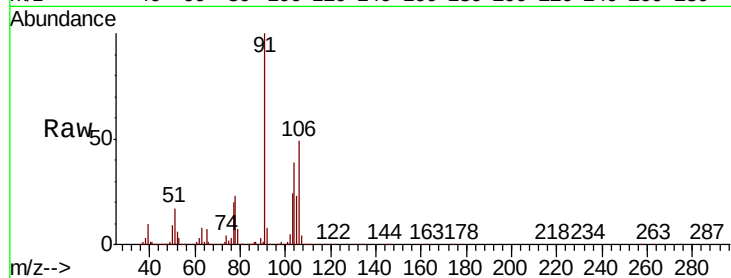




#69
o-Xylene
Concen: 19.430 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

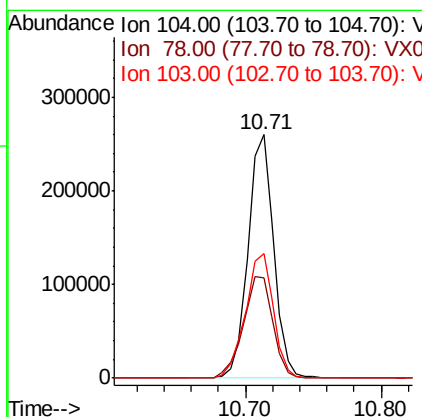
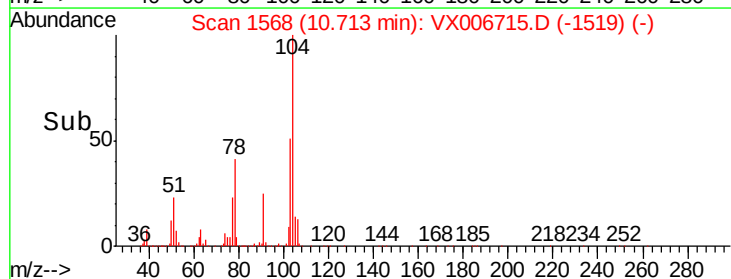
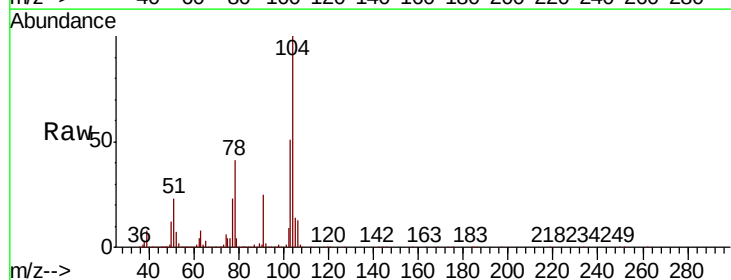
Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

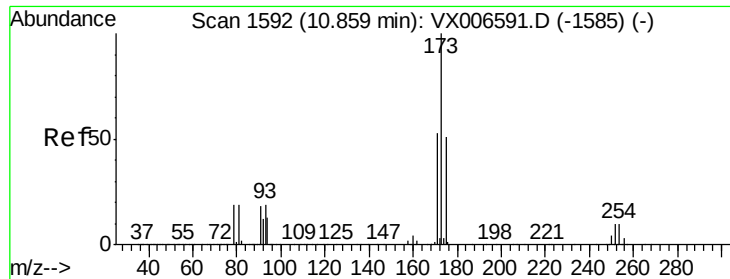
Tot Ion:106 Resp: 213700
Ion Ratio Lower Upper
106 100
91 211.0 101.3 303.7



#70
Styrene
Concen: 19.769 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Tgt Ion:104 Resp: 343987
Ion Ratio Lower Upper
104 100
78 48.1 37.7 56.5
103 56.3 43.8 65.8





#71

Bromoform

Concen: 18.141 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBS01

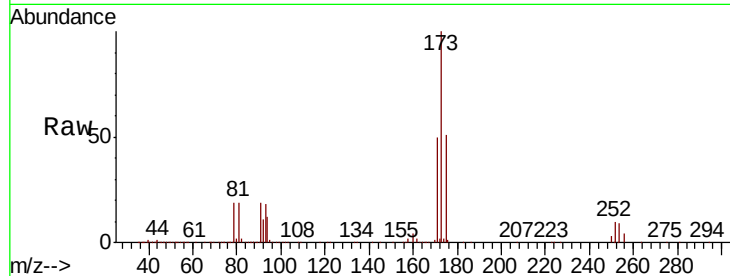
Tot Ion:173 Resp: 73020

Ion Ratio Lower Upper

173 100

175 49.5 24.7 74.1

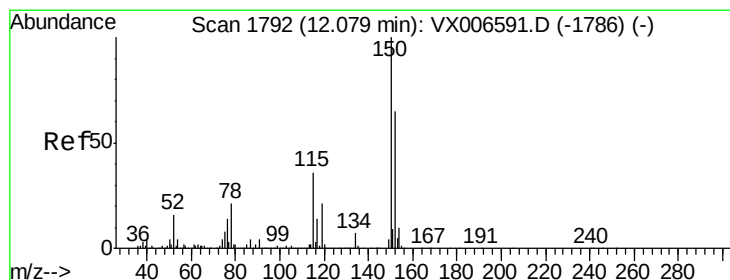
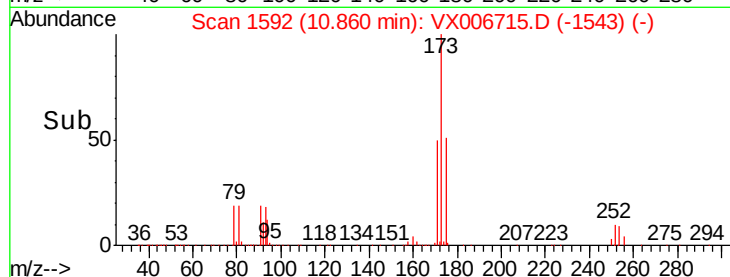
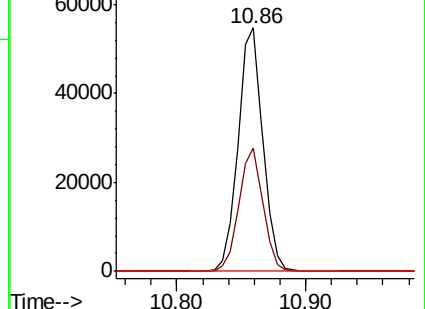
254 0.0 0.2 0.2#



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: VX006715.D

Acq: 21 Dec 2018 11:29

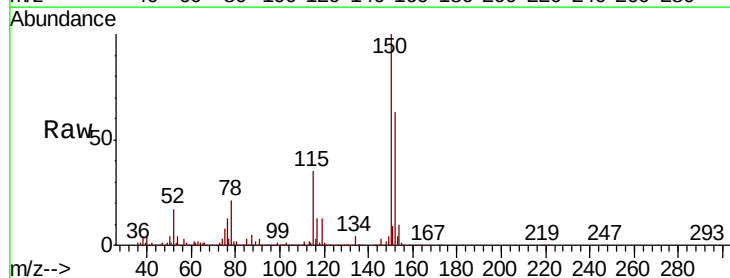
Tgt Ion:152 Resp: 422150

Ion Ratio Lower Upper

152 100

115 64.5 39.1 117.2

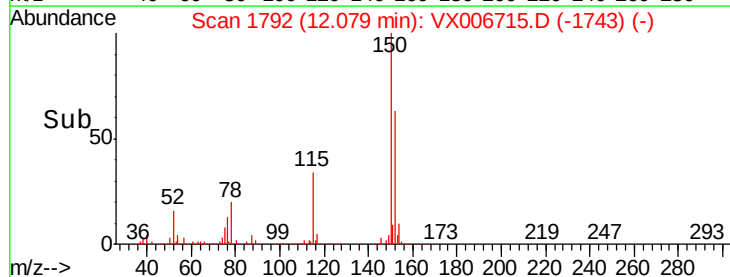
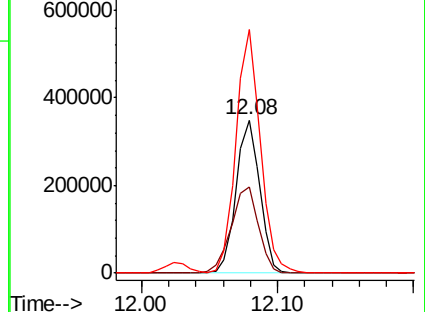
150 163.7 0.0 344.8

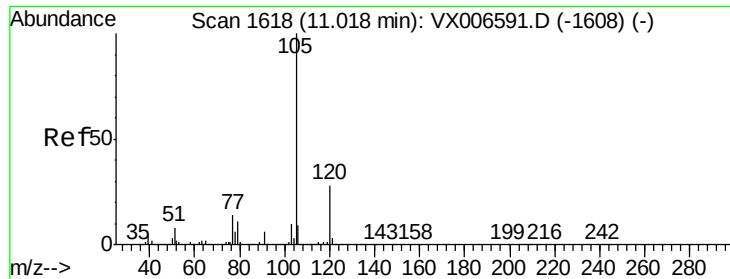


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.132 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

ClientSampleId :

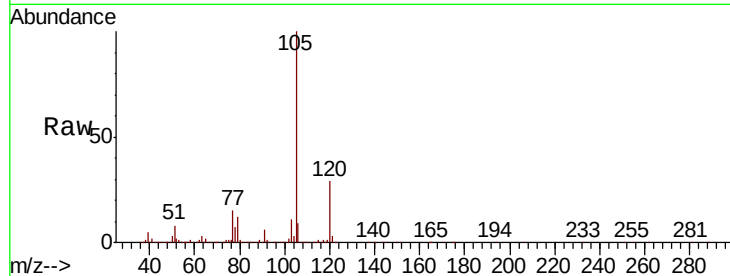
VX1221WBS01

Tot Ion:105 Resp: 581407

Ion Ratio Lower Upper

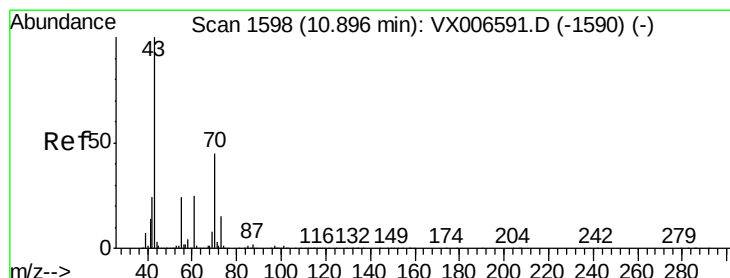
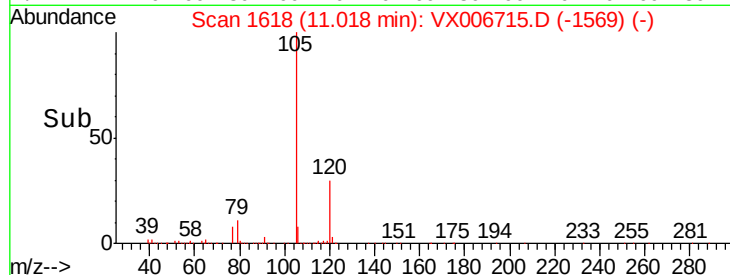
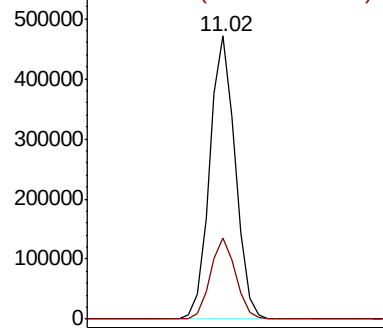
105 100

120 28.3 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.021 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Tgt Ion: 43 Resp: 217301

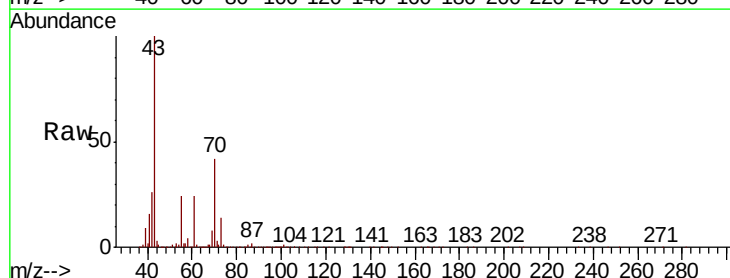
Ion Ratio Lower Upper

43 100

70 43.4 35.8 53.8

55 25.3 19.4 29.0

61 24.5 20.1 30.1

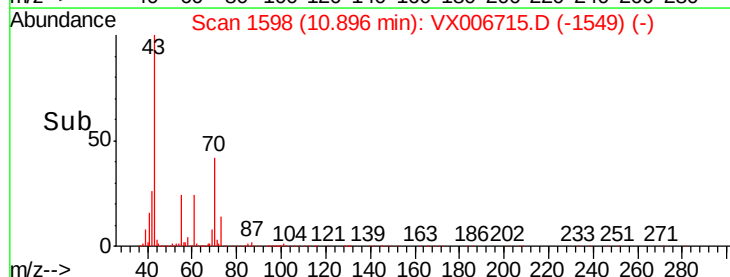
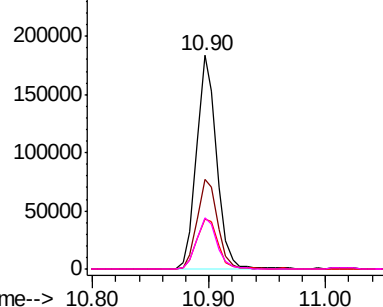


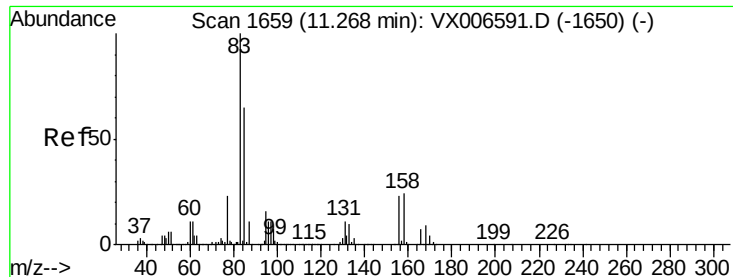
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 20.810 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBS01

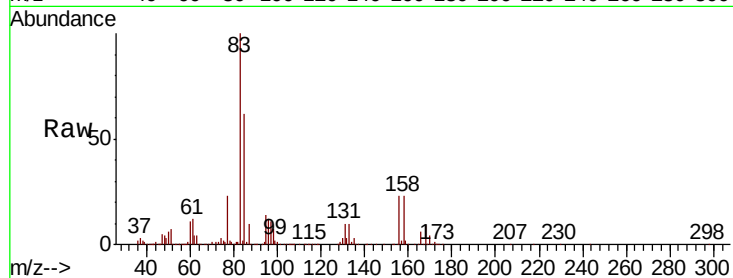
Tot Ion: 83 Resp: 178733

Ion Ratio Lower Upper

83 100

131 11.1 5.7 17.1

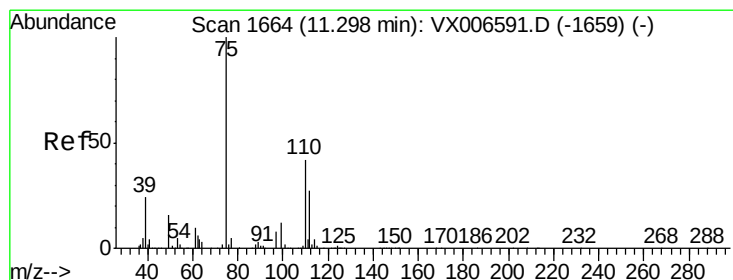
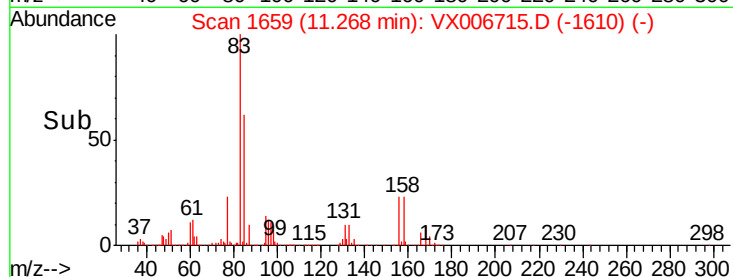
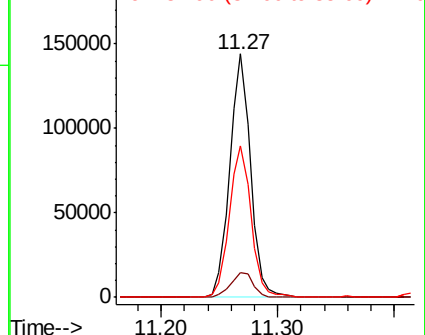
85 65.4 32.2 96.6



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: 24.027 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006715.D

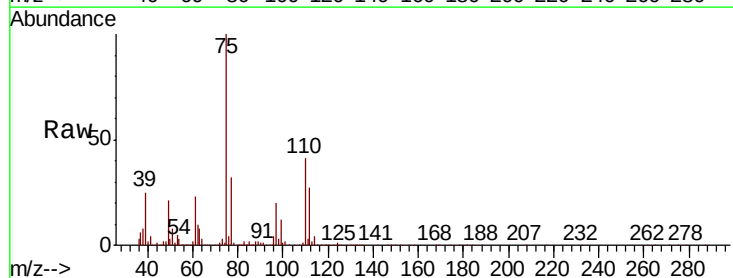
Acq: 21 Dec 2018 11:29

Tgt Ion: 75 Resp: 188500

Ion Ratio Lower Upper

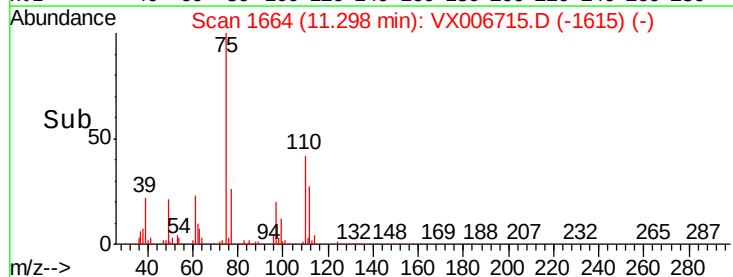
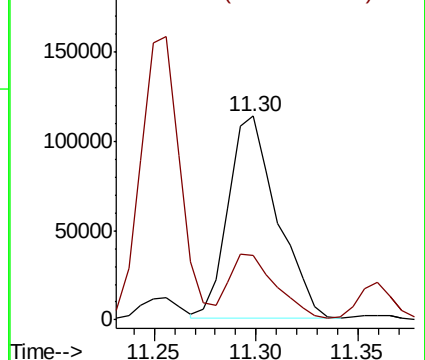
75 100

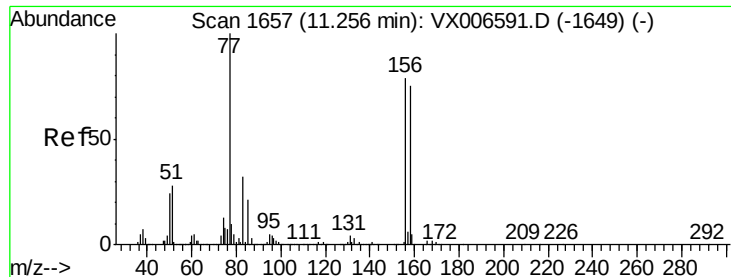
77 30.6 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.809 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBS01

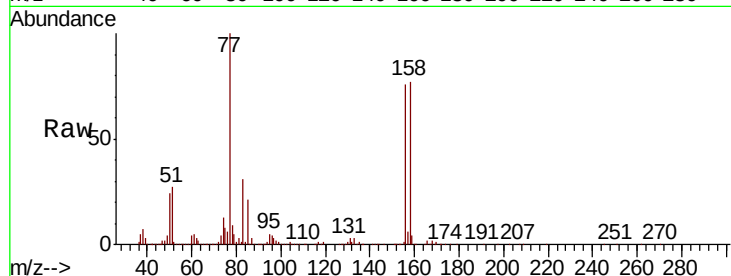
Tot Ion:156 Resp: 154664

Ion Ratio Lower Upper

156 100

77 137.2 68.0 204.0

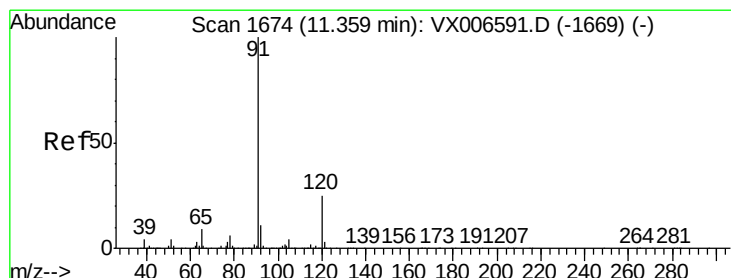
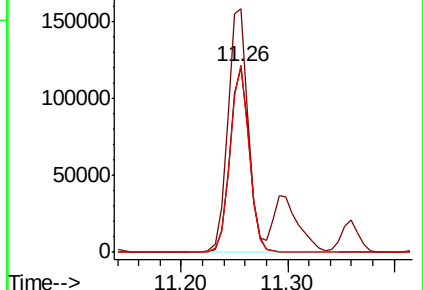
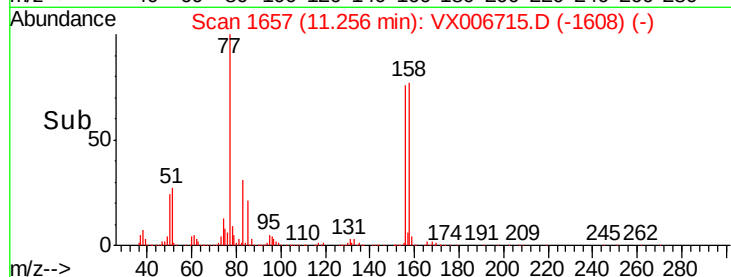
158 99.3 48.3 144.8



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: 20.363 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006715.D

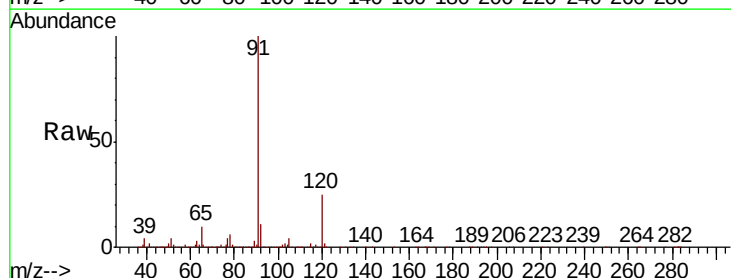
Acq: 21 Dec 2018 11:29

Tgt Ion: 91 Resp: 647617

Ion Ratio Lower Upper

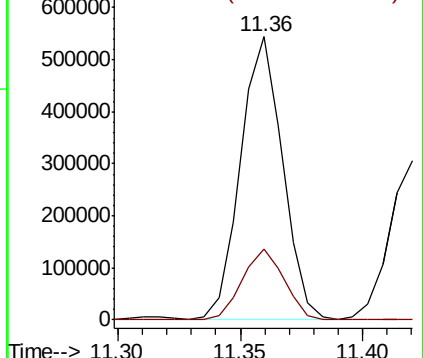
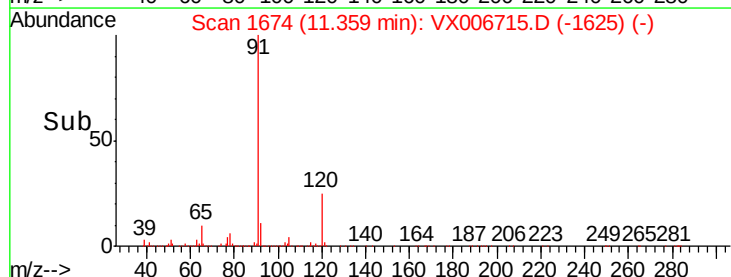
91 100

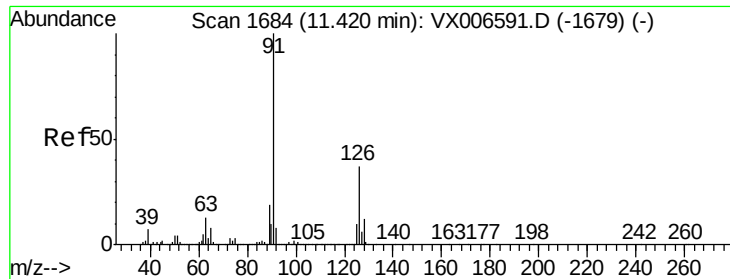
120 25.1 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.621 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

ClientSampleId :

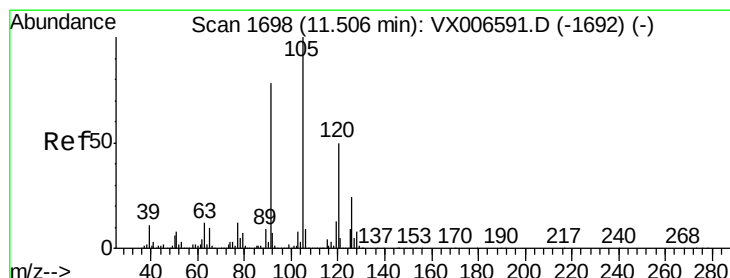
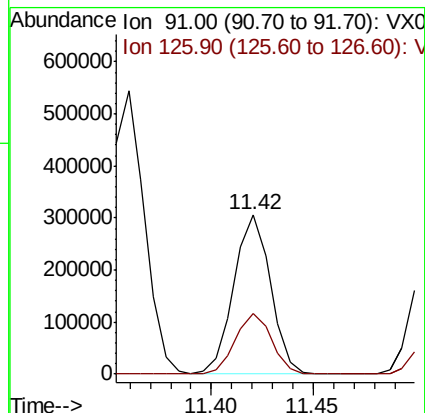
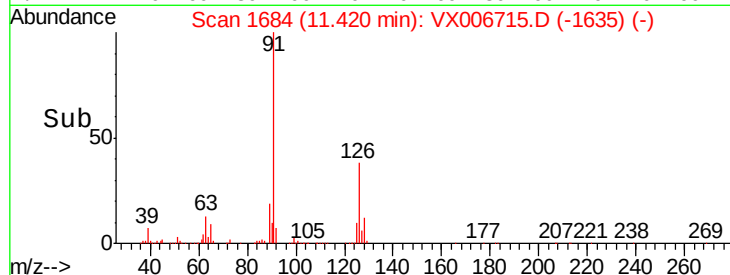
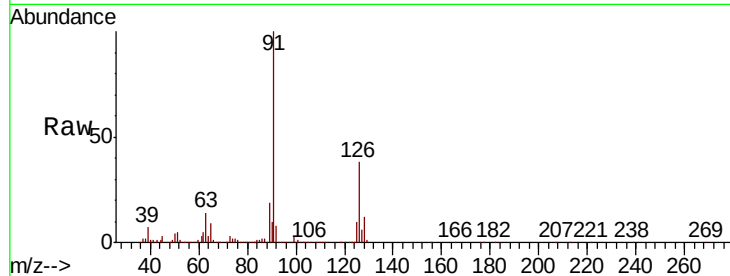
VX1221WBS01

Tot Ion: 91 Resp: 378147

Ion Ratio Lower Upper

91 100

126 37.9 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 19.994 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006715.D

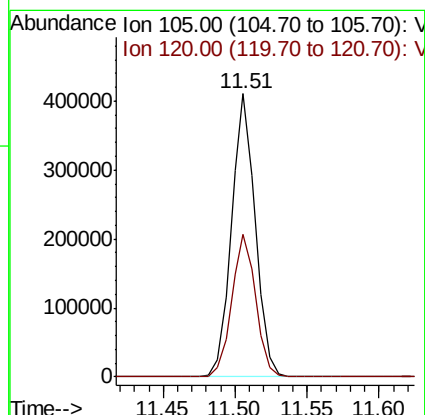
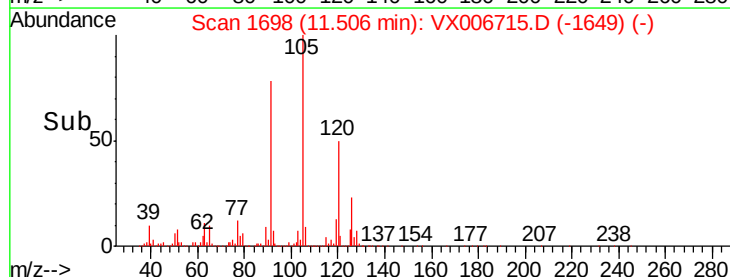
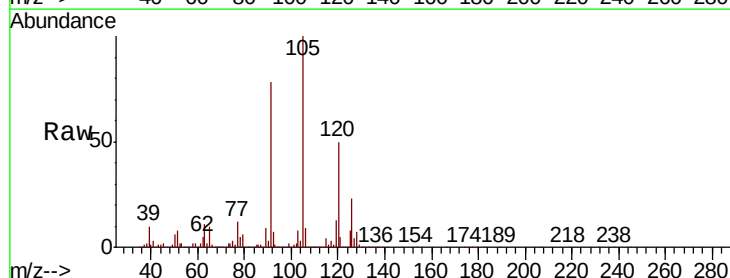
Acq: 21 Dec 2018 11:29

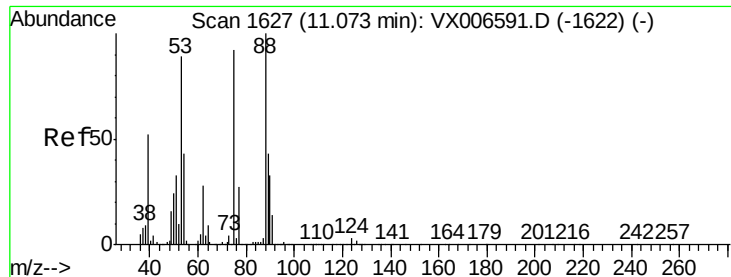
Tgt Ion: 105 Resp: 475602

Ion Ratio Lower Upper

105 100

120 50.7 25.1 75.3

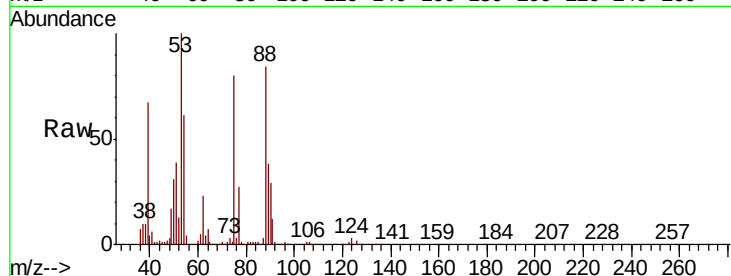




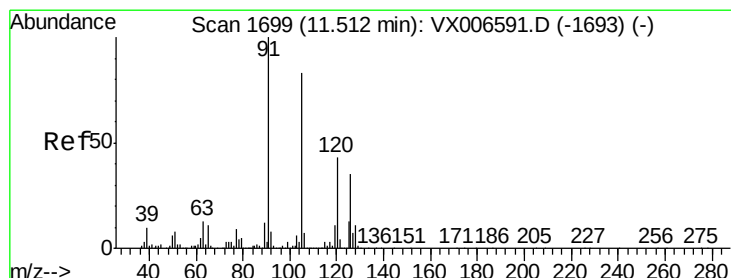
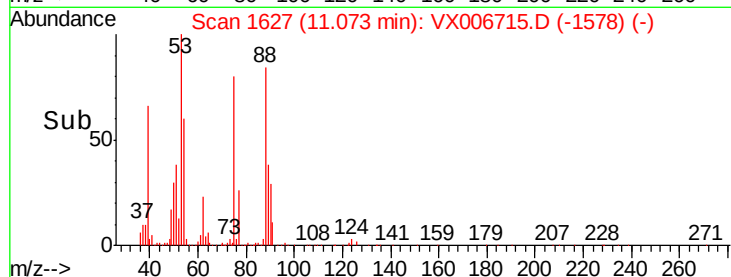
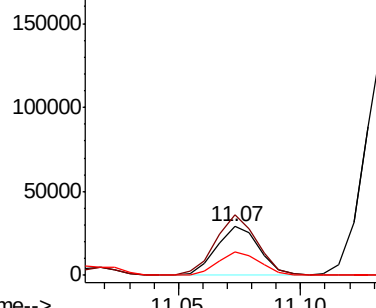
#81
trans-1,4-Dichloro-2-butene
Concen: 16.784 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

Tot Ion: 75 Resp: 35349
Ion Ratio Lower Upper
75 100
53 122.3 79.7 119.5#
89 47.3 38.0 57.0

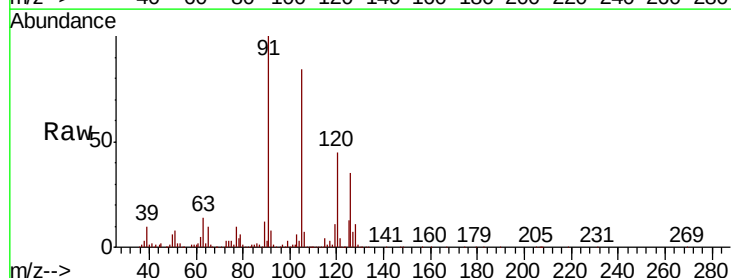


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

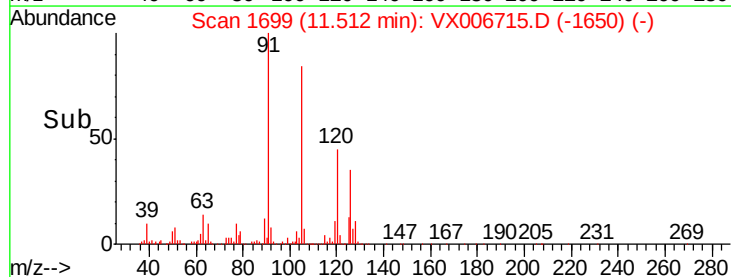
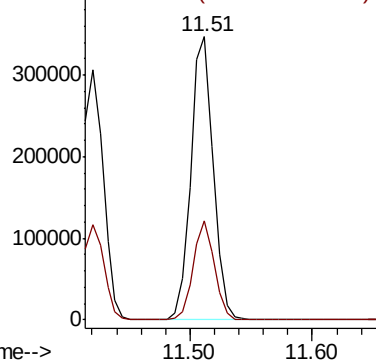


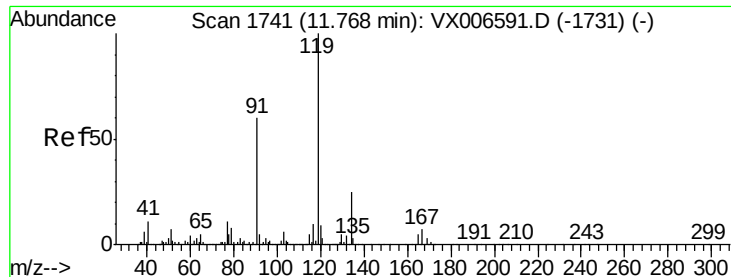
#82
4-Chlorotoluene
Concen: 19.992 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Tgt Ion: 91 Resp: 441970
Ion Ratio Lower Upper
91 100
126 33.1 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

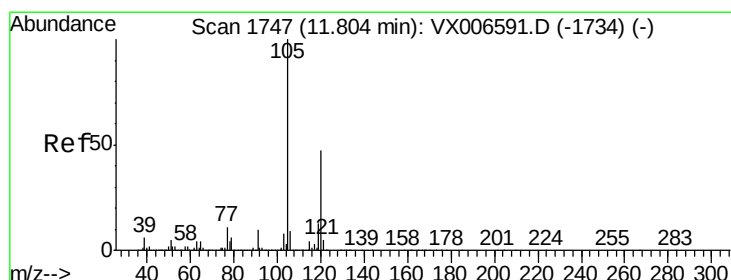
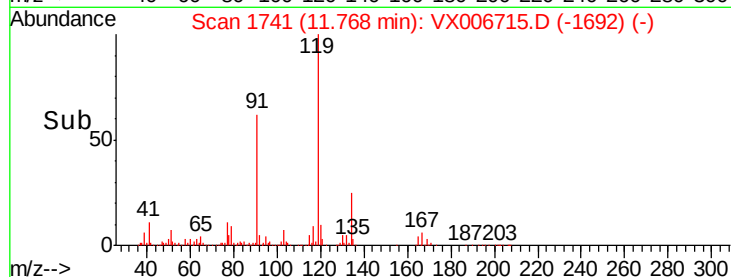
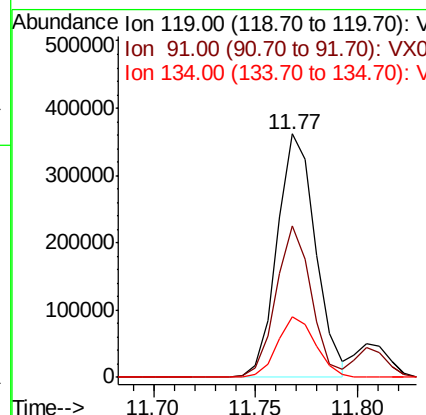
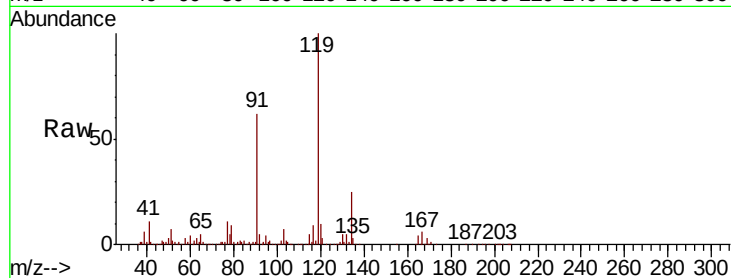




#83
 tert-Butylbenzene
 Concen: 19.998 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX006715.D
 Acq: 21 Dec 2018 11:29

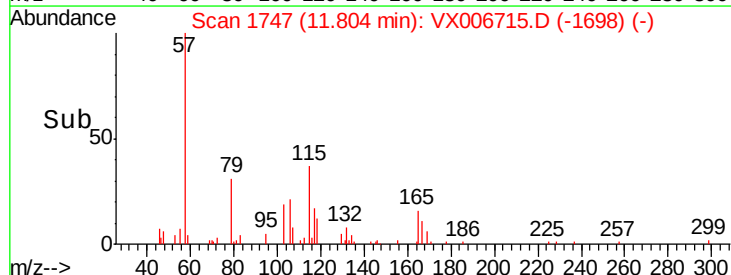
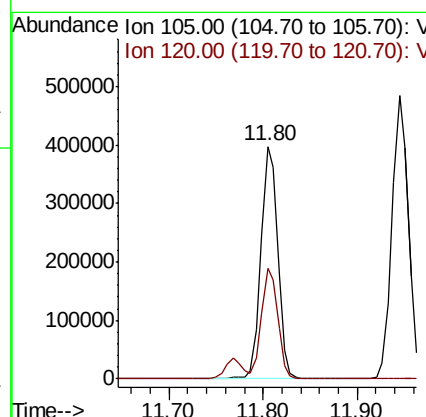
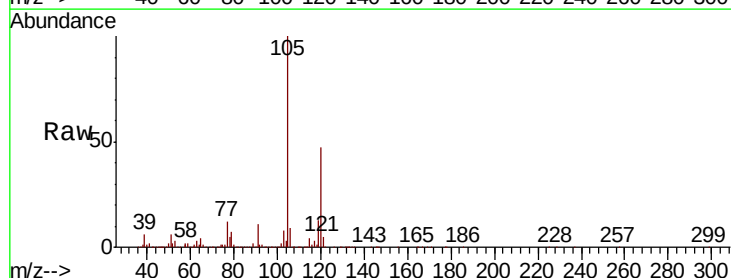
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1221WBS01

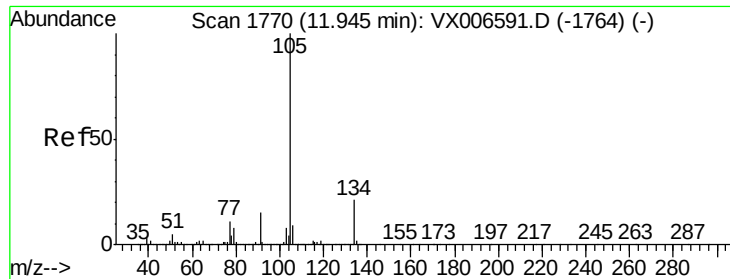
Tot Ion:119 Resp: 476094
 Ion Ratio Lower Upper
 119 100
 91 57.4 27.7 83.1
 134 24.5 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 19.768 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006715.D
 Acq: 21 Dec 2018 11:29

Tgt Ion:105 Resp: 494605
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.089 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

ClientSampled :

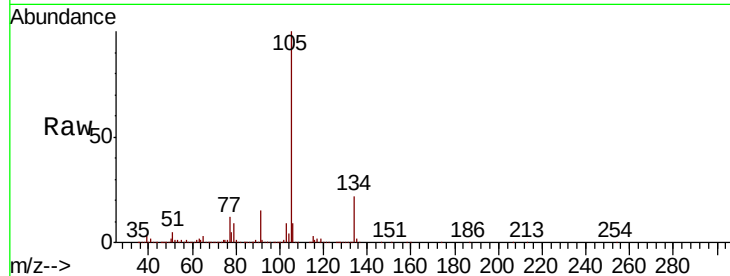
VX1221WBS01

Tot Ion:105 Resp: 586389

Ion Ratio Lower Upper

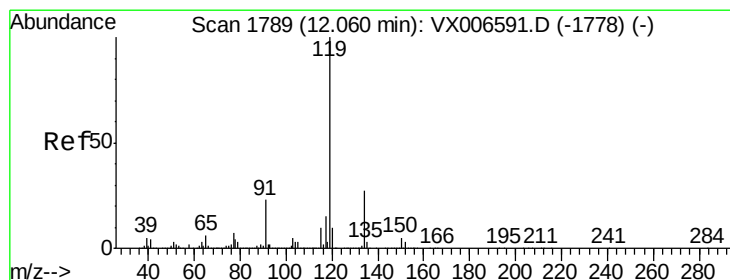
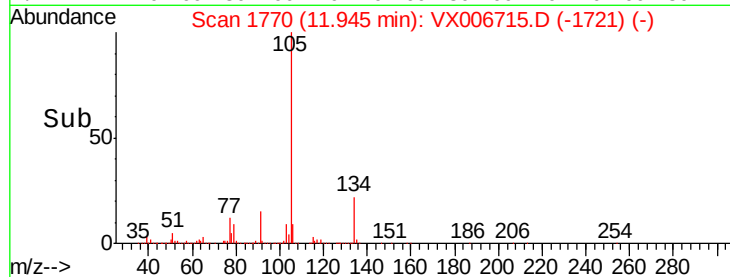
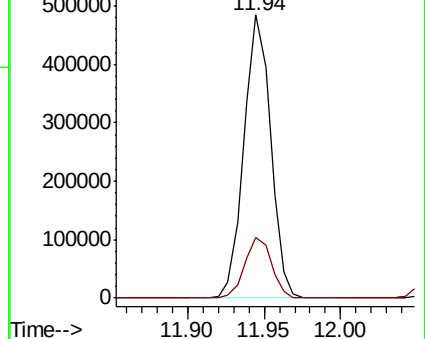
105 100

134 21.7 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.555 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

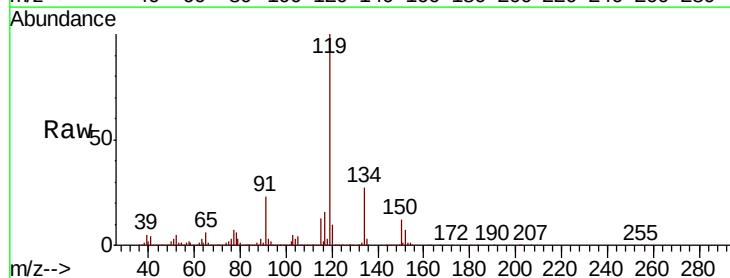
Tgt Ion:119 Resp: 527421

Ion Ratio Lower Upper

119 100

134 27.7 14.0 41.9

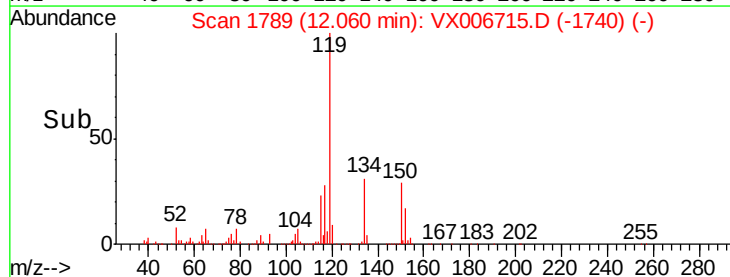
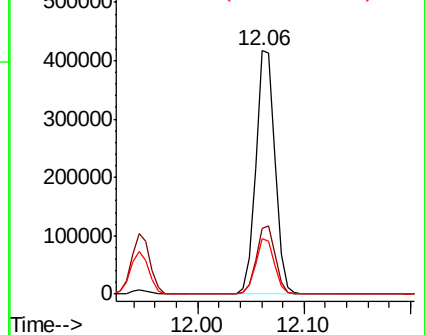
91 22.5 11.3 33.9

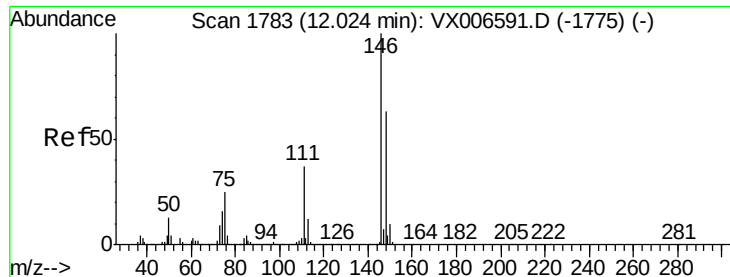


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

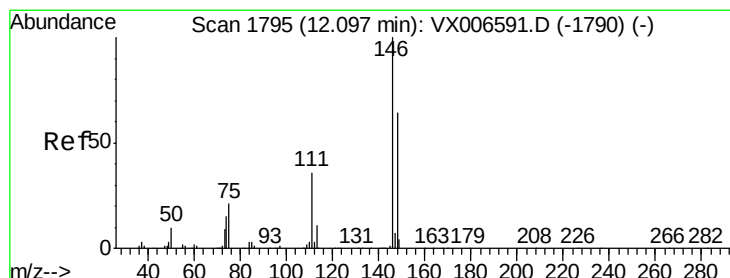
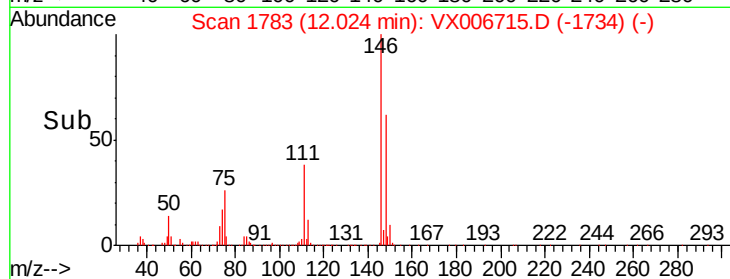
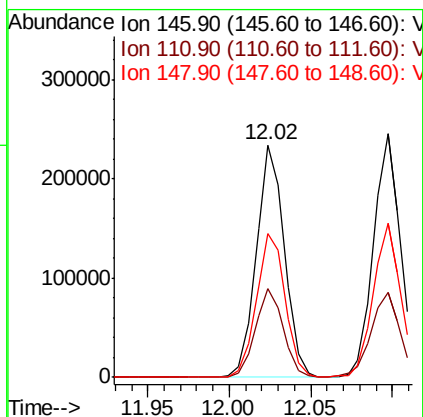
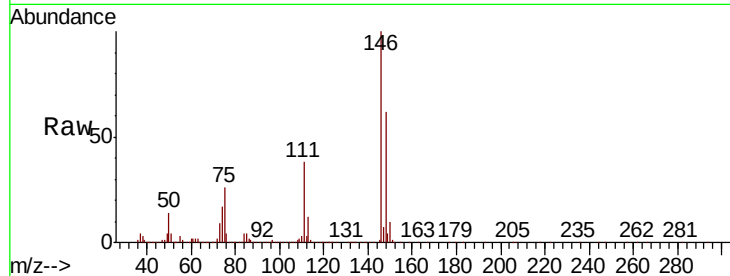




#87
 1,3-Dichlorobenzene
 Concen: 19.970 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006715.D
 Acq: 21 Dec 2018 11:29

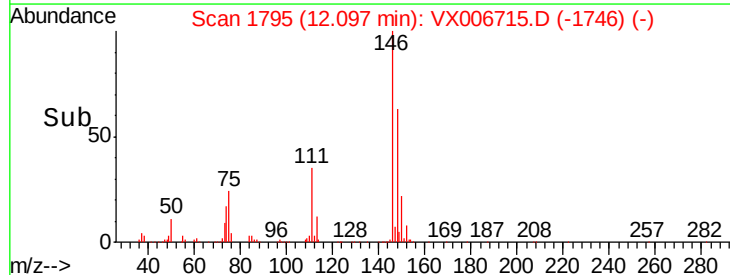
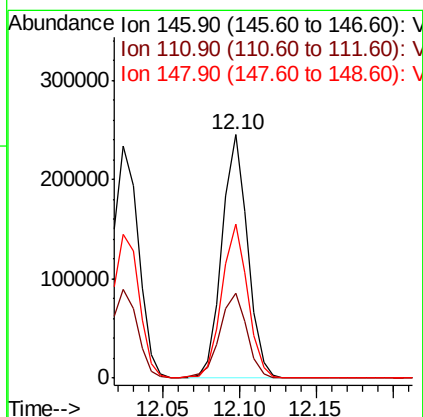
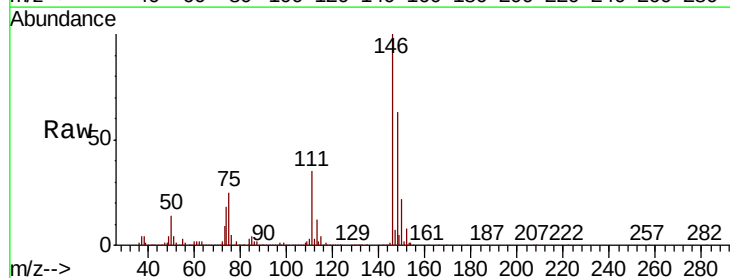
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1221WBS01

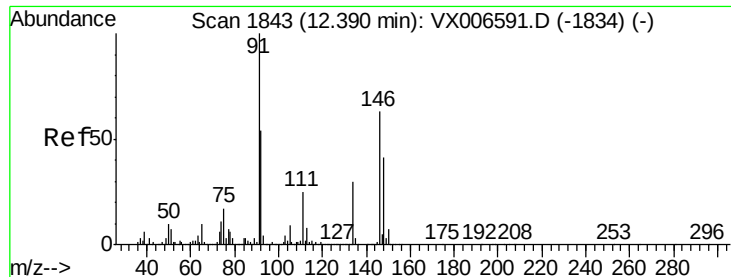
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.6	55.8
148	63.2	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.707 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006715.D
 Acq: 21 Dec 2018 11:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.1	54.1
148	64.3	31.9	95.9

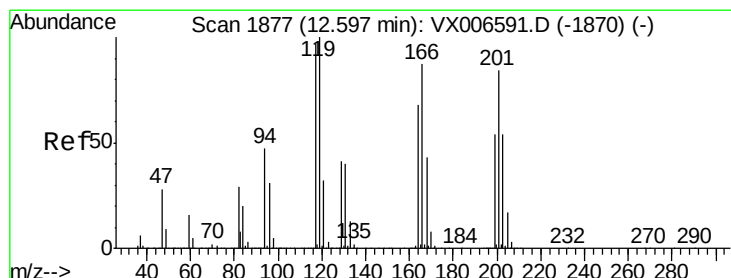
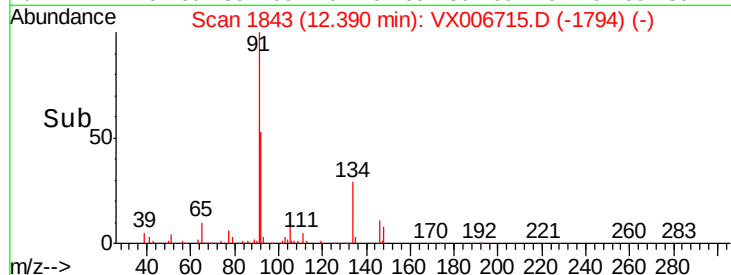
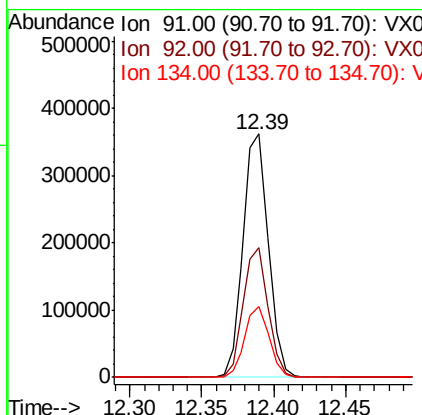
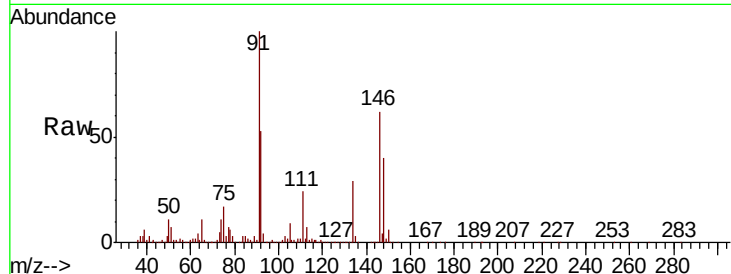




#89
n-Butylbenzene
Concen: 20.191 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

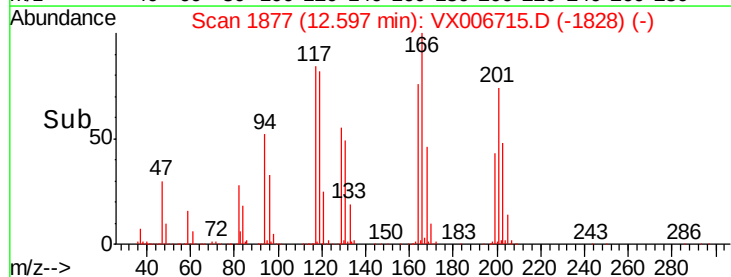
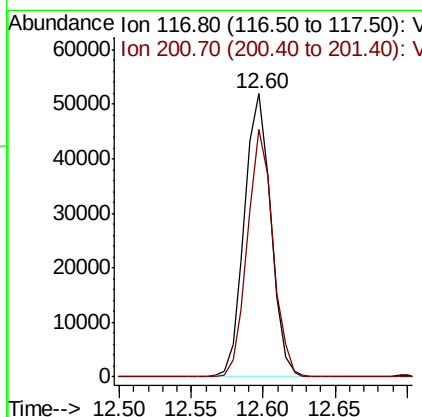
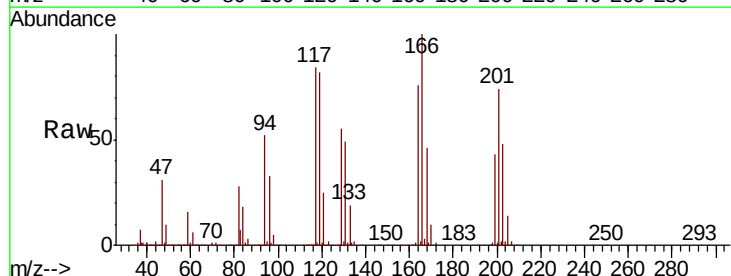
Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

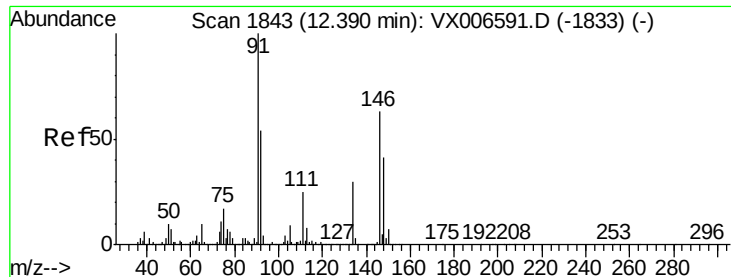
Tot Ion: 91 Resp: 440908
Ion Ratio Lower Upper
91 100
92 52.3 26.8 80.4
134 28.2 14.4 43.2



#90
Hexachloroethane
Concen: 18.680 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Tgt Ion: 117 Resp: 66146
Ion Ratio Lower Upper
117 100
201 83.6 42.9 128.7

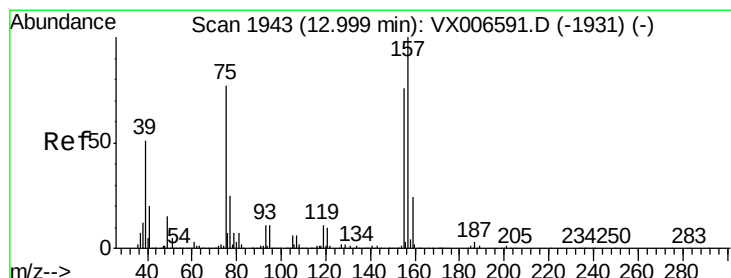
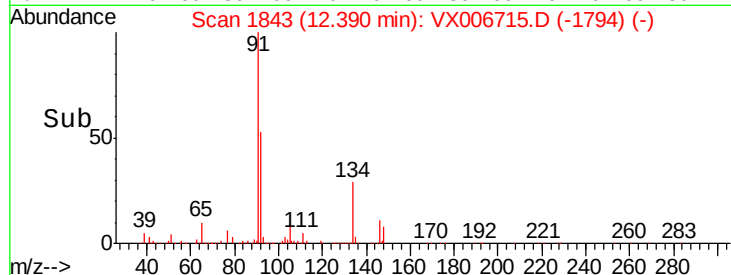
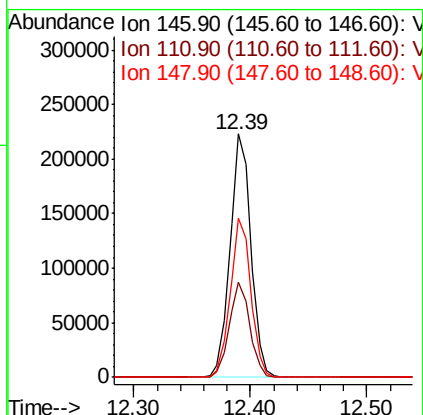
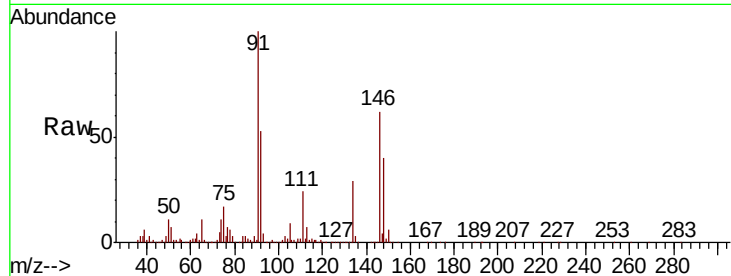




#91
 1,2-Dichlorobenzene
 Concen: 19.700 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006715.D
 Acq: 21 Dec 2018 11:29

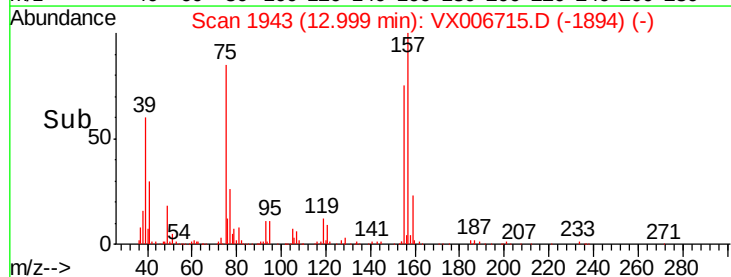
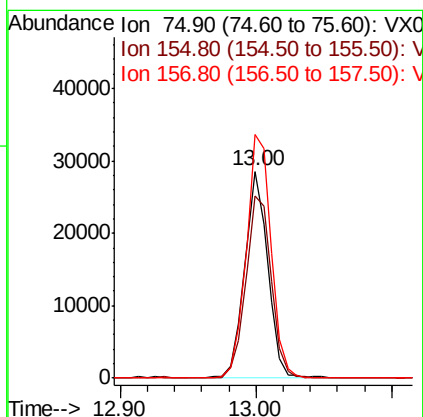
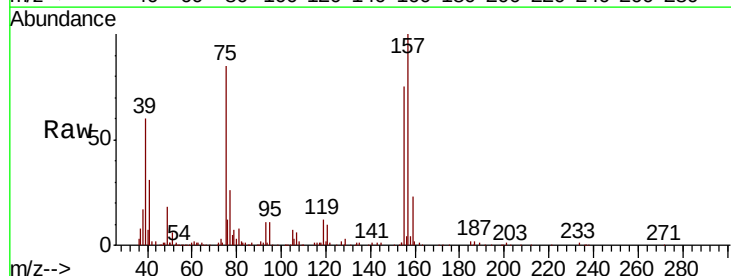
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1221WBS01

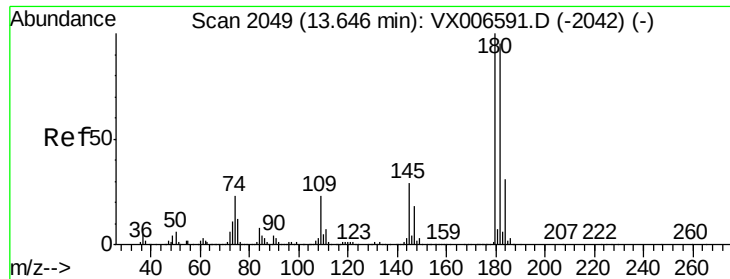
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.4	58.2
148	64.5	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.983 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006715.D
 Acq: 21 Dec 2018 11:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.4	50.6	151.8
157	127.2	64.6	193.8

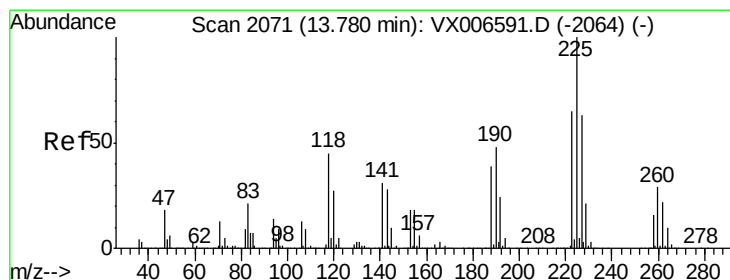
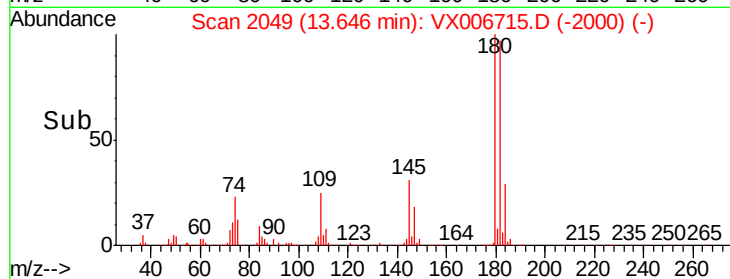
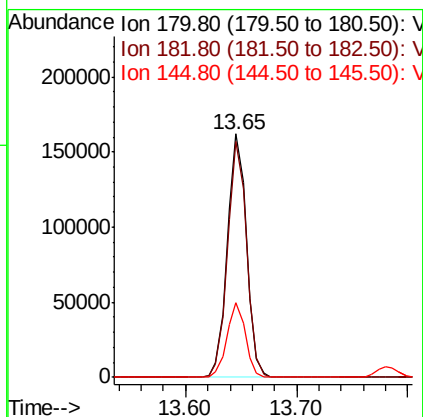
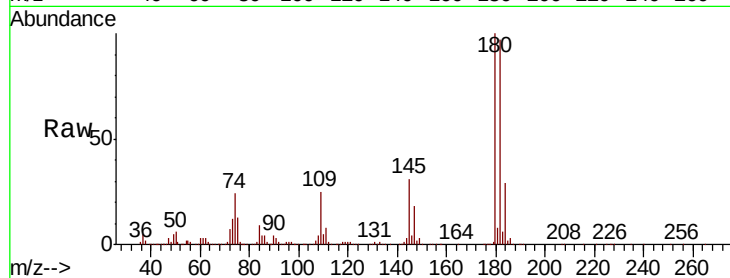




#93
1,2,4-Trichlorobenzene
Concen: 19.868 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

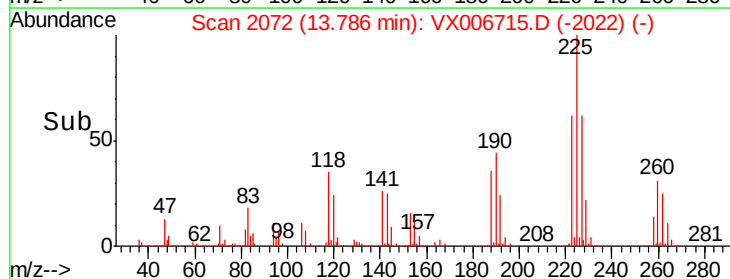
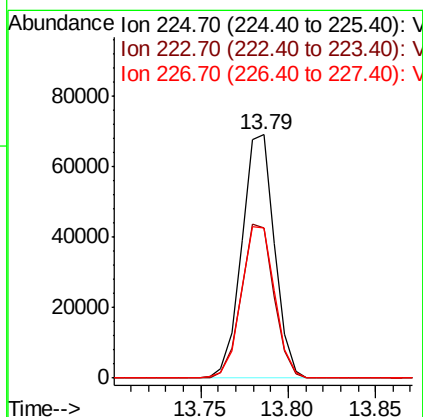
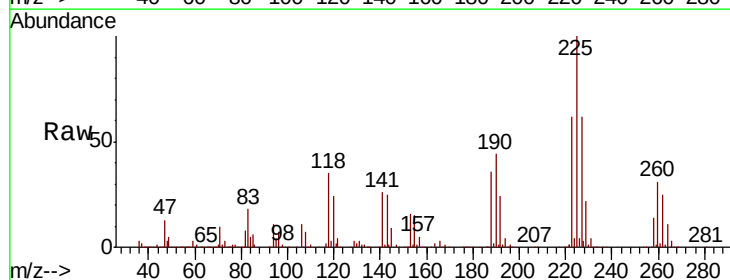
Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

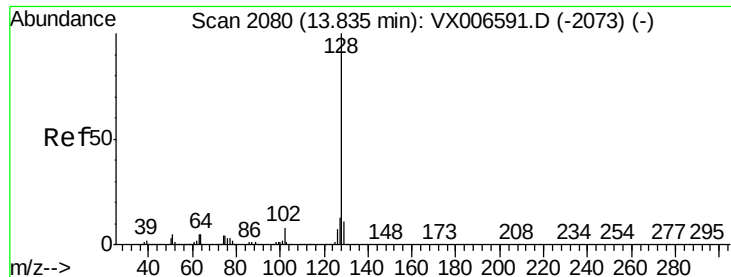
Tot Ion:180 Resp: 192921
Ion Ratio Lower Upper
180 100
182 96.1 47.3 142.0
145 29.7 14.8 44.3



#94
Hexachlorobutadiene
Concen: 19.501 ug/l
RT: 13.79 min Scan# 2072
Delta R.T. 0.01 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Tgt Ion:225 Resp: 89253
Ion Ratio Lower Upper
225 100
223 63.4 32.1 96.3
227 63.8 32.3 96.8

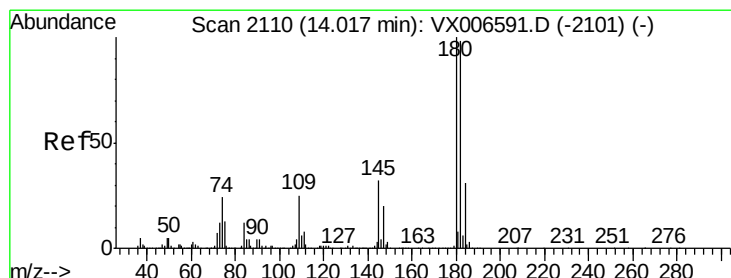
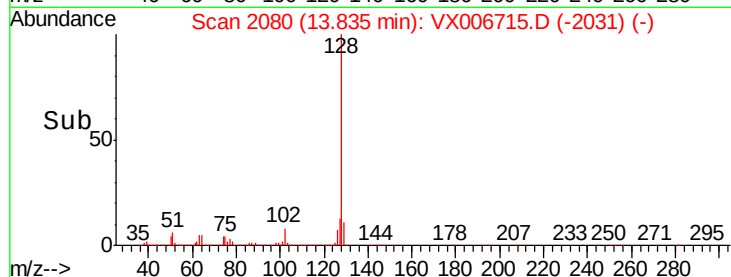
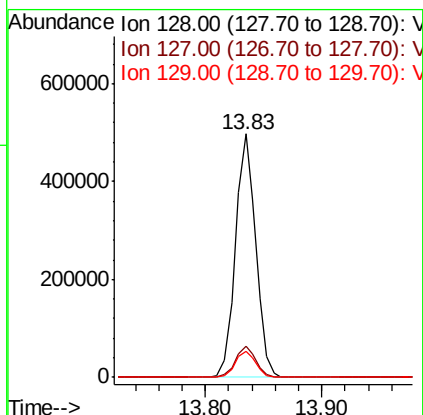
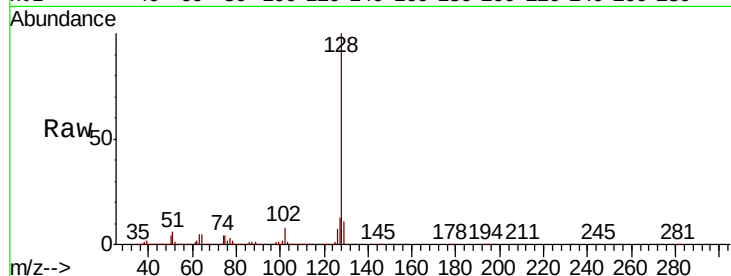




#95
Naphthalene
Concen: 19.447 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

Tot Ion:128 Resp: 602664
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.271 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.01 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Tgt Ion:180 Resp: 193202
Ion Ratio Lower Upper
180 100
182 96.2 48.5 145.5
145 32.0 16.0 47.9

