

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122618\
 Data File : VX006826.D
 Acq On : 26 Dec 2018 18:42
 Operator : JC/MD
 Sample : VX1226WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBSD01

Quant Time: Dec 27 03:06:40 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	5.66	168	587110	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	881066	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	770250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	372309	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	307589	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
35) Dibromofluoromethane	5.50	113	274580	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
50) Toluene-d8	8.71	98	996904	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
62) 4-Bromofluorobenzene	11.13	95	356314	46.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.64%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	94838	17.657	ug/l 97
3) Chloromethane	1.33	50	103637	17.910	ug/l 96
4) Vinyl Chloride	1.41	62	110549	18.292	ug/l 96
5) Bromomethane	1.64	94	73148	11.494	ug/l 96
6) Chloroethane	1.72	64	76545	18.292	ug/l 98
7) Trichlorofluoromethane	1.93	101	171908	18.245	ug/l 96
8) Diethyl Ether	2.19	74	72527	19.380	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	99633	18.009	ug/l 98
10) Methyl Iodide	2.51	142	80578	10.175	ug/l 98
11) Tert butyl alcohol	3.07	59	137506	97.373	ug/l 98
12) 1,1-Dichloroethene	2.38	96	95146	18.138	ug/l 98
13) Acrolein	2.29	56	83737	87.899	ug/l 96
14) Allyl chloride	2.73	41	164989	18.686	ug/l 98
15) Acrylonitrile	3.15	53	313521	99.993	ug/l 99
16) Acetone	2.45	43	259407	89.232	ug/l 99
17) Carbon Disulfide	2.57	76	197010	14.192	ug/l 97
18) Methyl Acetate	2.78	43	191654	22.420	ug/l 99
19) Methyl tert-butyl Ether	3.20	73	363376	20.871	ug/l 98
20) Methylene Chloride	2.86	84	116226	19.334	ug/l 99
21) trans-1,2-Dichloroethene	3.17	96	102591	17.651	ug/l 96
22) Diisopropyl ether	3.87	45	333224	20.629	ug/l 97
23) Vinyl Acetate	3.82	43	1300911	98.457	ug/l 100
24) 1,1-Dichloroethane	3.70	63	178757	18.538	ug/l 99
25) 2-Butanone	4.70	43	392179	95.906	ug/l 100
26) 2,2-Dichloropropane	4.58	77	118477	15.906	ug/l 98
27) cis-1,2-Dichloroethene	4.60	96	122010	19.026	ug/l 98
28) Bromochloromethane	5.02	49	90120	21.099	ug/l 98
29) Tetrahydrofuran	5.15	42	262974	97.641	ug/l 98
30) Chloroform	5.21	83	187741	18.801	ug/l 99
31) Cyclohexane	5.57	56	138833	15.848	ug/l 95
32) 1,1,1-Trichloroethane	5.49	97	149224	17.698	ug/l 97
36) 1,1-Dichloropropene	5.80	75	132535	18.162	ug/l 98
37) Ethyl Acetate	4.85	43	155187	20.432	ug/l 98
38) Carbon Tetrachloride	5.79	117	124241	17.519	ug/l 94

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 Data File : VX006826.D
 Acq On : 26 Dec 2018 18:42
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 Sample : VX1226WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBSD01

Quant Time: Dec 27 03:06:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	142156	14.797	ug/l	97
40) Benzene	6.14	78	419938	18.932	ug/l	97
41) Methacrylonitrile	5.06	41	89612	22.223	ug/l	98
42) 1,2-Dichloroethane	6.20	62	149054	19.720	ug/l	100
43) Isopropyl Acetate	6.46	43	246072	21.293	ug/l	98
44) Trichloroethene	7.21	130	118330	17.625	ug/l	99
45) 1,2-Dichloropropane	7.51	63	106436	19.718	ug/l	100
46) Dibromomethane	7.66	93	74491	18.762	ug/l	97
47) Bromodichloromethane	7.90	83	119142	18.075	ug/l	97
48) Methyl methacrylate	7.77	41	123616	21.035	ug/l	97
49) 1,4-Dioxane	7.75	88	53223	332.878	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	786371	106.947	ug/l	99
52) Toluene	8.79	92	261028	18.215	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	127054	17.972	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	146655	18.906	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	115473	19.687	ug/l	98
56) Ethyl methacrylate	9.18	69	174749	21.079	ug/l	97
57) 1,3-Dichloropropane	9.37	76	186327	19.744	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	450449	102.217	ug/l	99
59) 2-Hexanone	9.49	43	590495	104.961	ug/l	100
60) Dibromochloromethane	9.59	129	98439	17.625	ug/l	98
61) 1,2-Dibromoethane	9.67	107	118492	19.004	ug/l	98
64) Tetrachloroethene	9.34	164	107777	17.671	ug/l	95
65) Chlorobenzene	10.14	112	309641	19.002	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	98852	19.443	ug/l	97
67) Ethyl Benzene	10.25	91	491029	18.441	ug/l	98
68) m/p-Xylenes	10.36	106	383405	36.490	ug/l	99
69) o-Xylene	10.69	106	191783	18.484	ug/l	98
70) Styrene	10.71	104	313622	19.106	ug/l	99
71) Bromoform	10.85	173	72299	18.819	ug/l	96
73) Isopropylbenzene	11.02	105	481955	18.922	ug/l	99
74) N-amyl acetate	10.90	43	219849	24.114	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	170695	22.534	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	176914	25.569	ug/l	93
77) Bromobenzene	11.26	156	137971	20.036	ug/l	99
78) n-propylbenzene	11.36	91	521220	18.583	ug/l	99
79) 2-Chlorotoluene	11.42	91	319016	18.769	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	380699	18.147	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	34722	18.212	ug/l #	83
82) 4-Chlorotoluene	11.51	91	374569	19.211	ug/l	100
83) tert-Butylbenzene	11.77	119	381011	18.146	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	397364	18.008	ug/l	99
85) sec-Butylbenzene	11.94	105	453236	17.606	ug/l	99
86) p-Isopropyltoluene	12.06	119	397818	17.580	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	233147	18.786	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	235100	18.479	ug/l	99
89) n-Butylbenzene	12.39	91	335438	17.418	ug/l	99
90) Hexachloroethane	12.60	117	49516	16.354	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	236440	19.045	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29436	18.781	ug/l	97

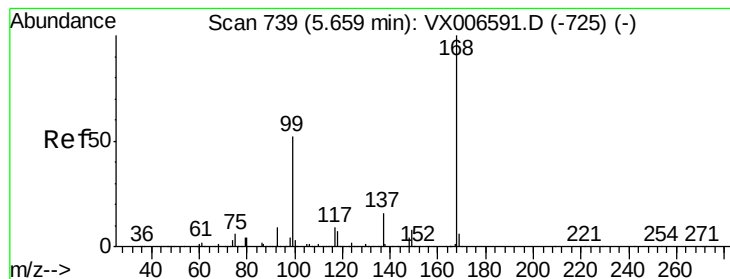
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX122618\
Data File : VX006826.D
Acq On : 26 Dec 2018 18:42
Operator : JC/MD
Sample : VX1226WBSD01
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Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD01

Quant Time: Dec 27 03:06:40 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	144330	16.854	ug/l	99
94) Hexachlorobutadiene	13.78	225	65373	16.196	ug/l	99
95) Naphthalene	13.83	128	435989	15.952	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	141965	16.056	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX006826.D

Acq: 26 Dec 2018 18:42

Instrument :

MSVOA_X

ClientSampleId :

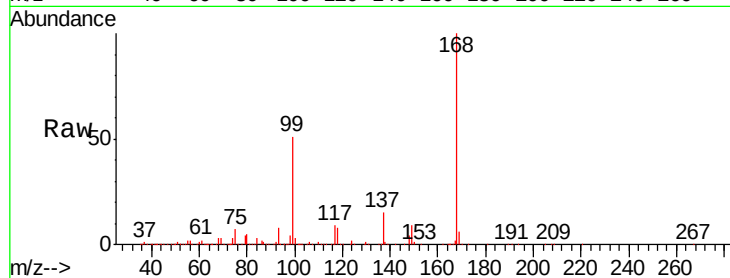
VX1226WBSD01

Tgt Ion:168 Resp: 587110

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

200000

150000

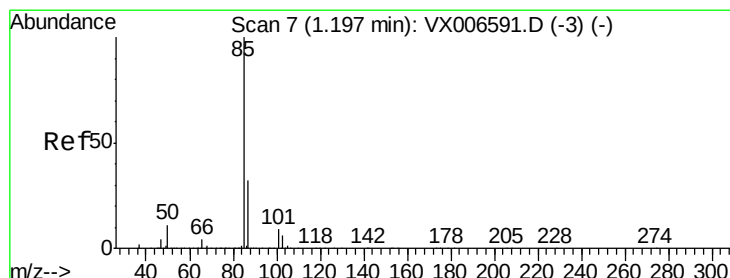
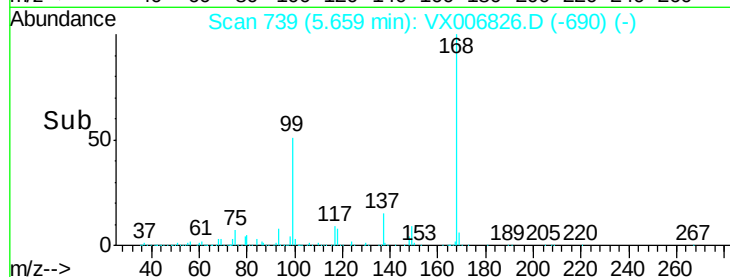
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 17.657 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006826.D

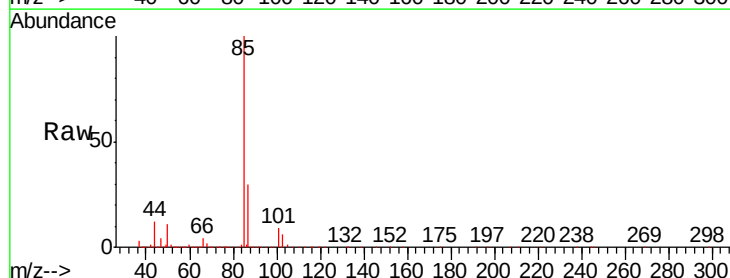
Acq: 26 Dec 2018 18:42

Tgt Ion: 85 Resp: 94838

Ion Ratio Lower Upper

85 100

87 29.8 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

100000

80000

60000

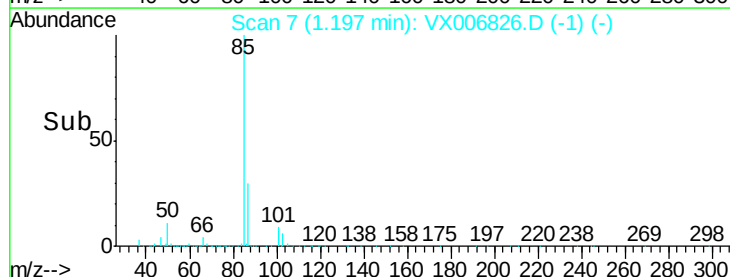
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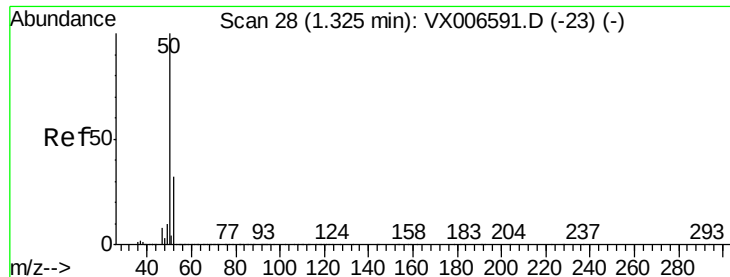
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 17.910 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006826.D

Acq: 26 Dec 2018 18:42

Instrument :

MSVOA_X

ClientSampleId :

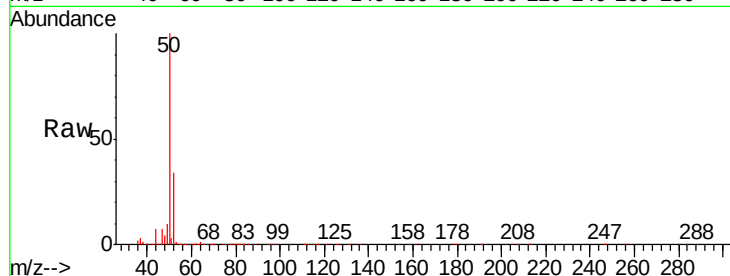
VX1226WBSD01

Tgt Ion: 50 Resp: 103637

Ion Ratio Lower Upper

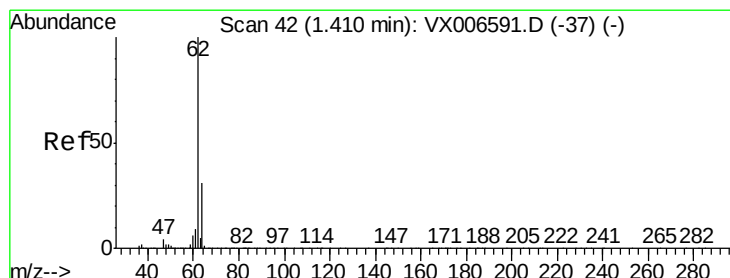
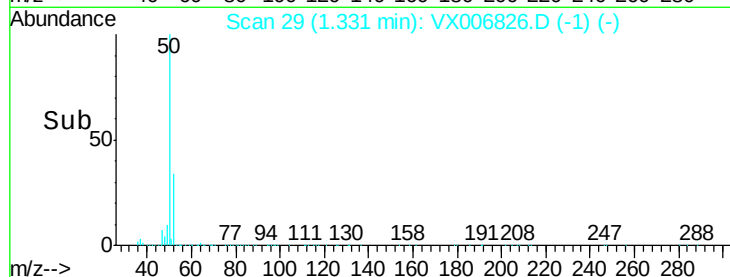
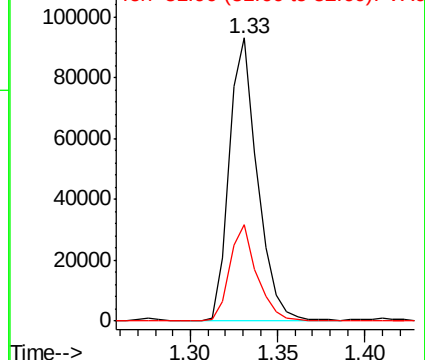
50 100

52 33.9 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.292 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006826.D

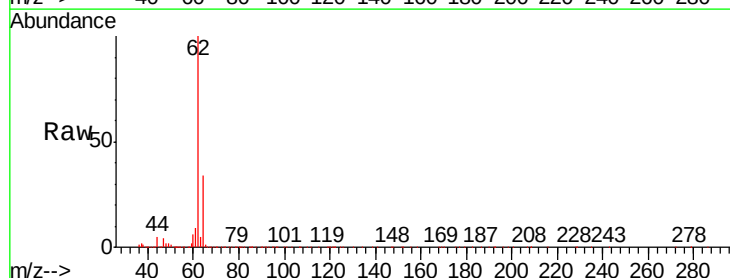
Acq: 26 Dec 2018 18:42

Tgt Ion: 62 Resp: 110549

Ion Ratio Lower Upper

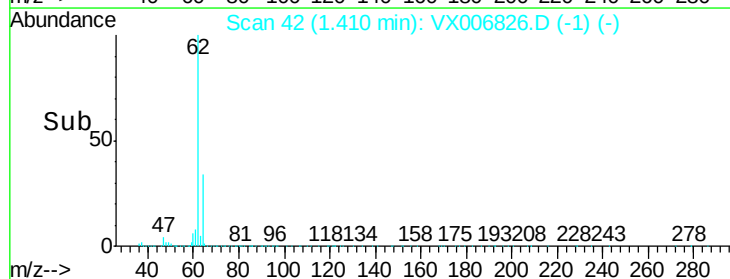
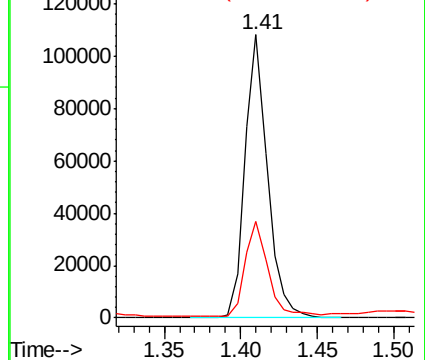
62 100

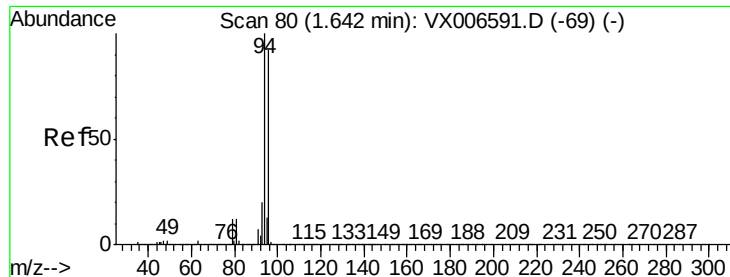
64 33.4 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 11.494 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006826.D

Acq: 26 Dec 2018 18:42

Instrument :

MSVOA_X

ClientSampleId :

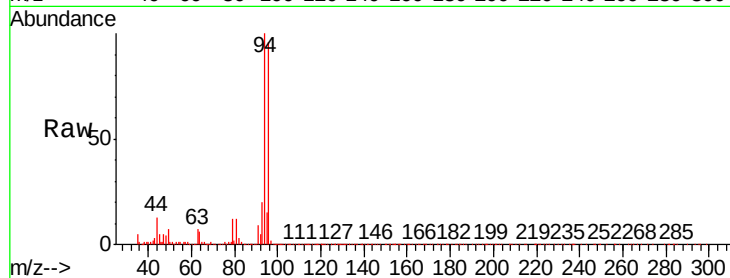
VX1226WBSD01

Tgt Ion: 94 Resp: 73148

Ion Ratio Lower Upper

94 100

96 96.0 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

80000

60000

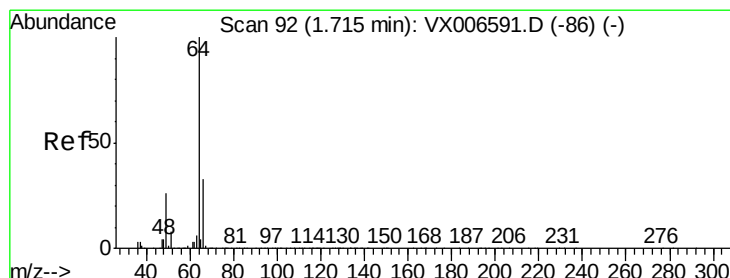
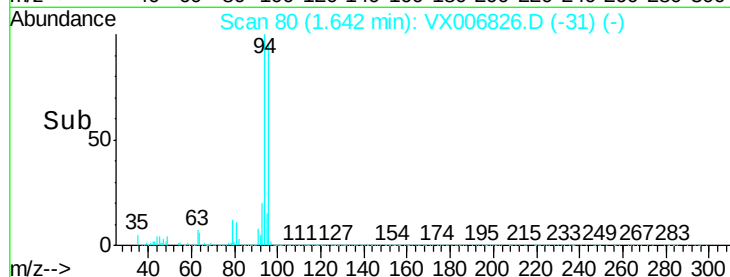
40000

20000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 18.292 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006826.D

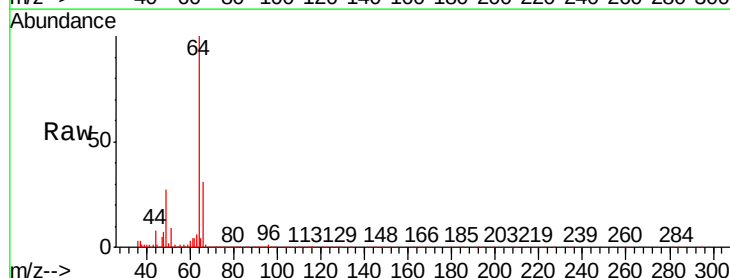
Acq: 26 Dec 2018 18:42

Tgt Ion: 64 Resp: 76545

Ion Ratio Lower Upper

64 100

66 32.1 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

60000

50000

40000

30000

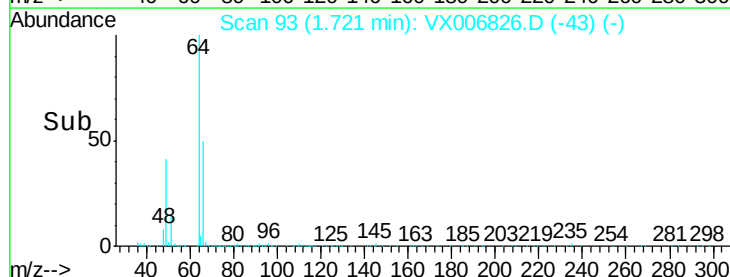
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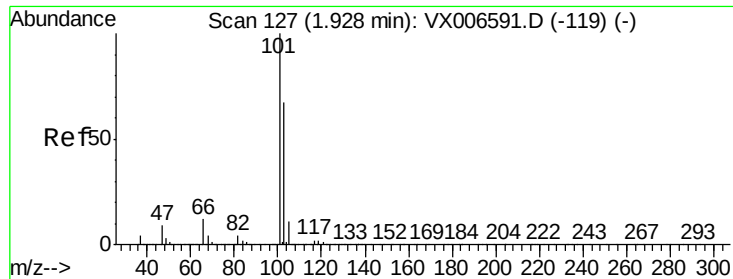
10000

0

Time-->

1.65 1.70 1.75 1.80



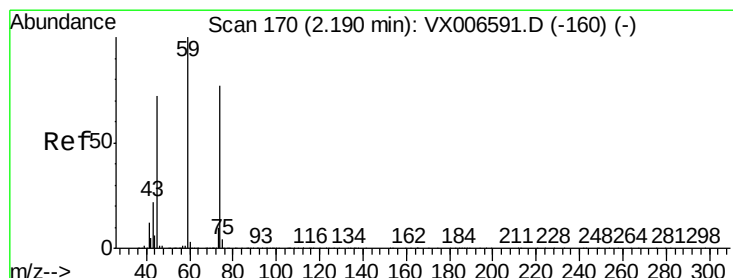
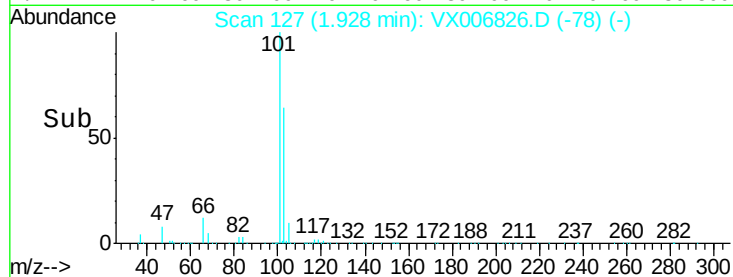
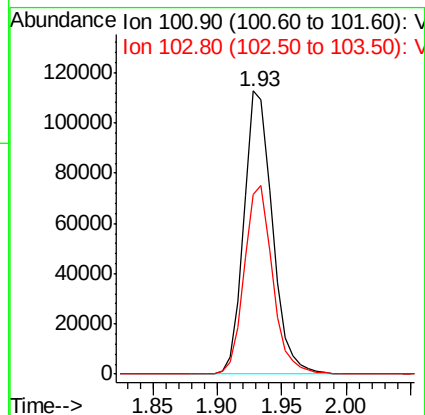
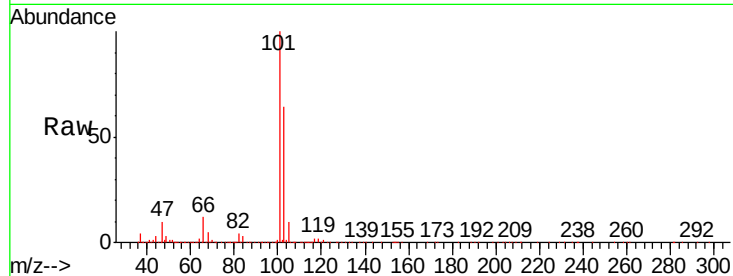


#7

Trichlorofluoromethane
Concen: 18.245 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006826.D
Acq: 26 Dec 2018 18:42

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD01

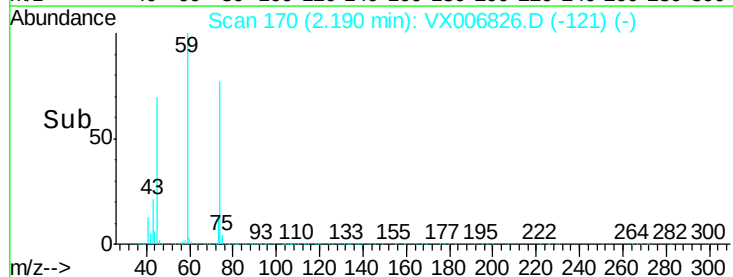
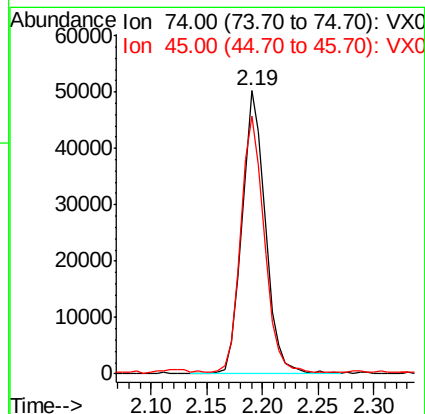
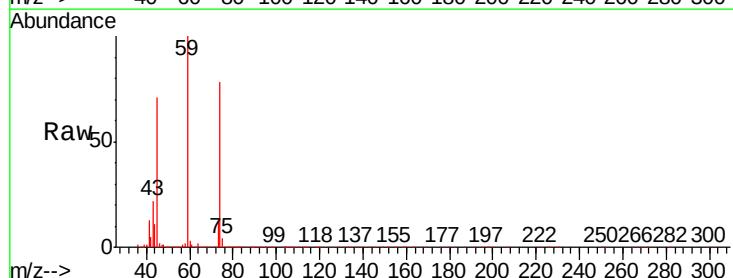
Tgt Ion:101 Resp: 171908
Ion Ratio Lower Upper
101 100
103 63.6 53.2 79.8

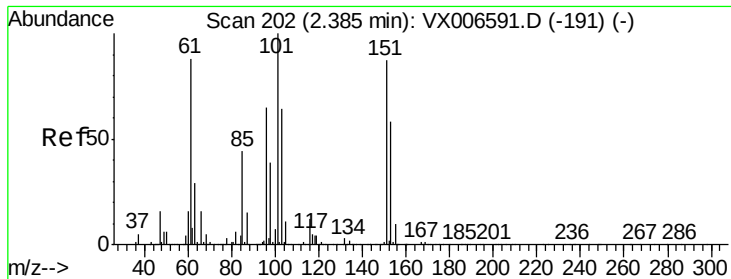


#8

Diethyl Ether
Concen: 19.380 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006826.D
Acq: 26 Dec 2018 18:42

Tgt Ion: 74 Resp: 72527
Ion Ratio Lower Upper
74 100
45 91.1 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.009 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006826.D

Acq: 26 Dec 2018 18:42

Instrument :

MSVOA_X

ClientSampled :

VX1226WBSD01

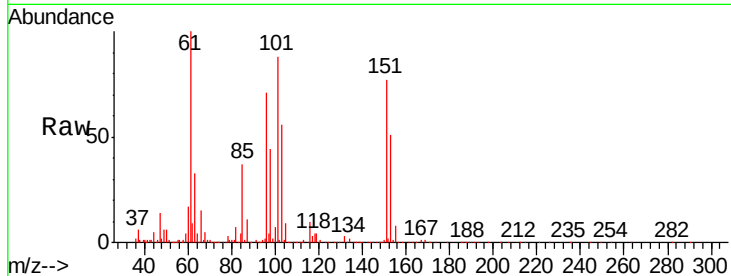
Tgt Ion:101 Resp: 99633

Ion Ratio Lower Upper

101 100

85 43.5 35.1 52.7

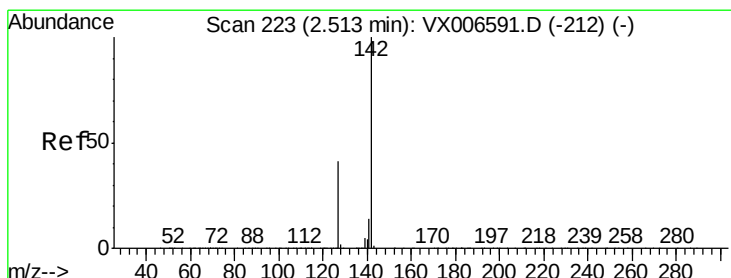
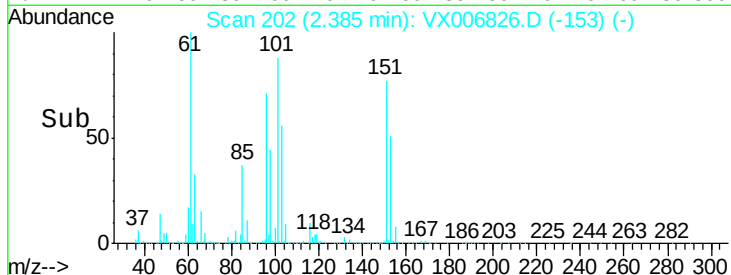
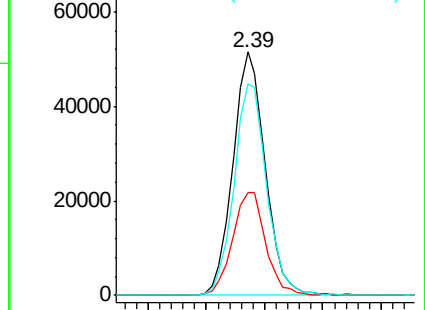
151 88.2 68.9 103.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 10.175 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006826.D

Acq: 26 Dec 2018 18:42

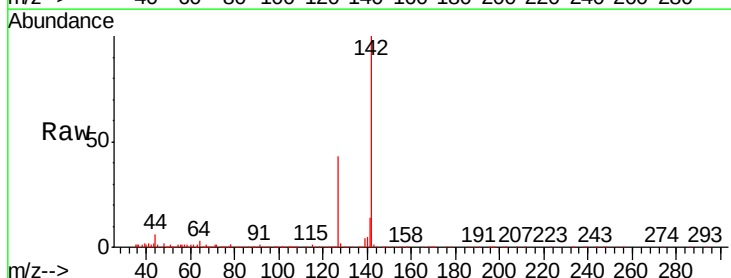
Tgt Ion:142 Resp: 80578

Ion Ratio Lower Upper

142 100

127 43.5 33.9 50.9

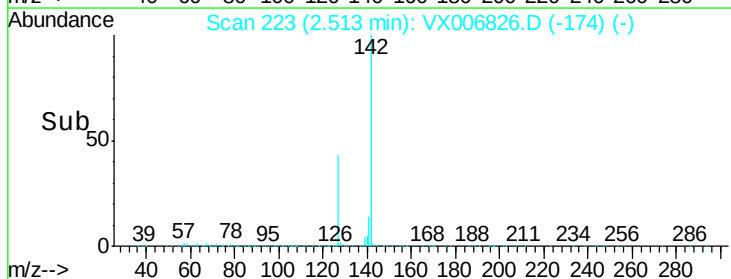
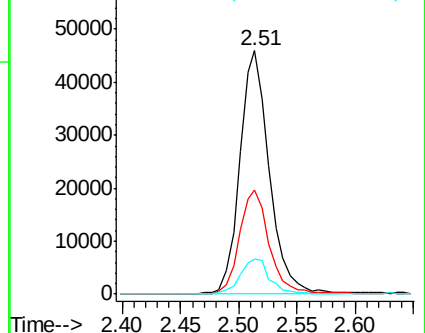
141 15.0 11.4 17.0

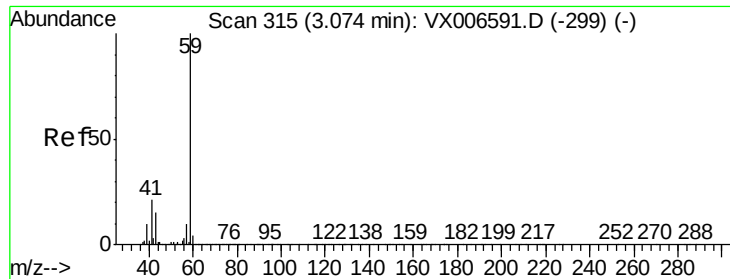


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

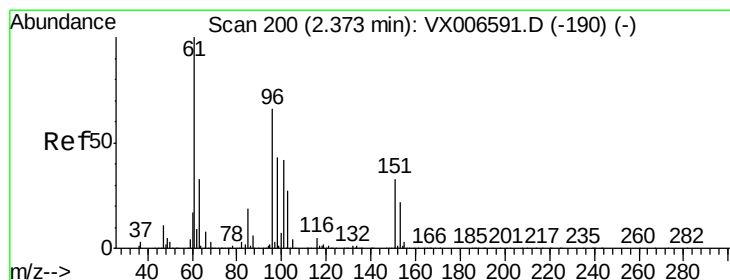
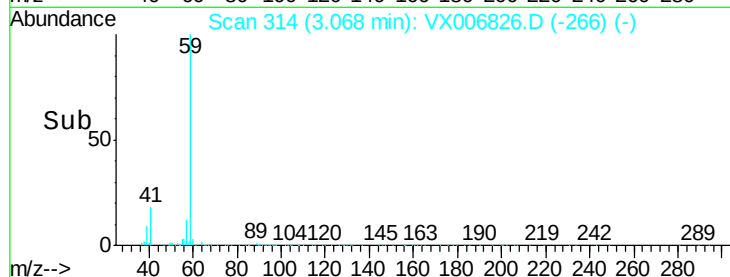
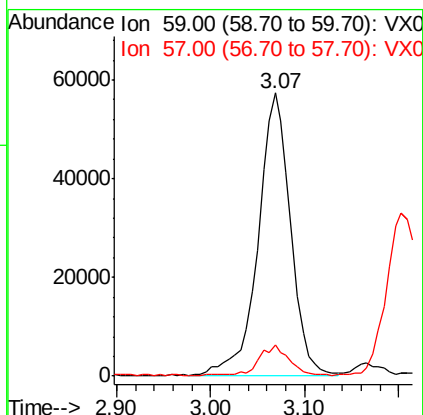
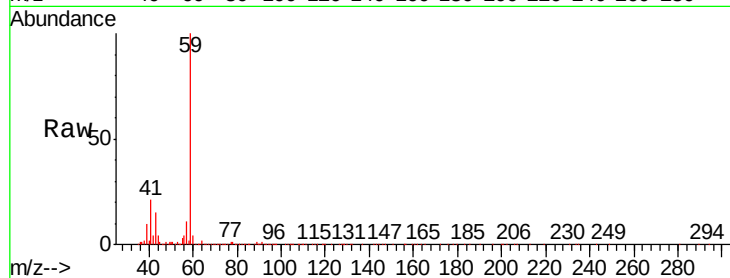




#11
Tert butyl alcohol
Concen: 97.373 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006826.D
Acq: 26 Dec 2018 18:42

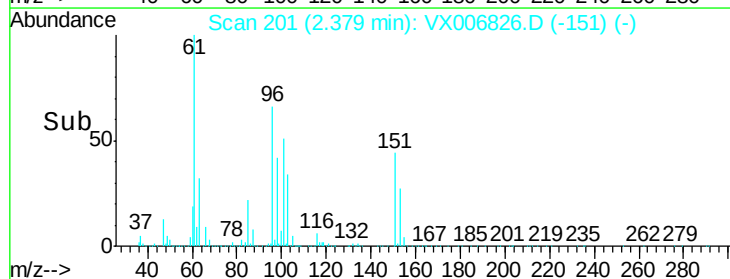
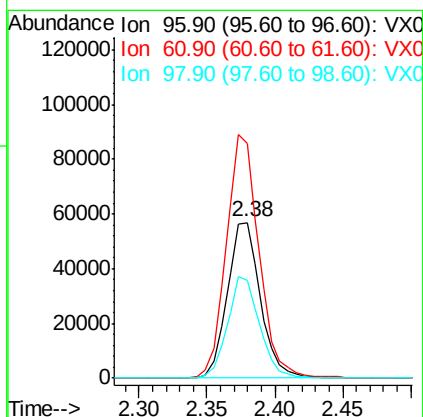
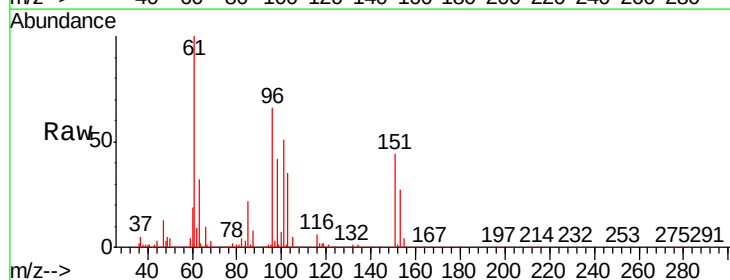
Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD01

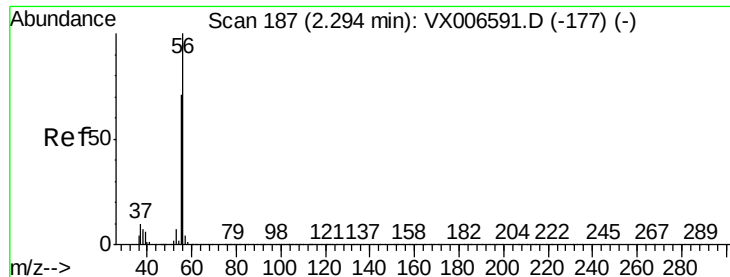
Tgt Ion: 59 Resp: 137506
Ion Ratio Lower Upper
59 100
57 9.7 8.5 12.7



#12
1,1-Dichloroethene
Concen: 18.138 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006826.D
Acq: 26 Dec 2018 18:42

Tgt Ion: 96 Resp: 95146
Ion Ratio Lower Upper
96 100
61 150.5 121.4 182.2
98 62.5 51.9 77.9





#13

Acrolein

Concen: 87.899 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006826.D

Acq: 26 Dec 2018 18:42

Instrument :

MSVOA_X

ClientSampleId :

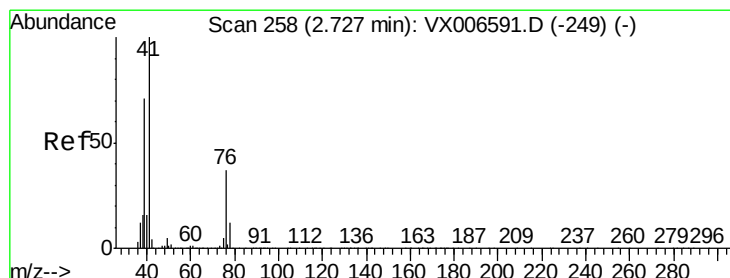
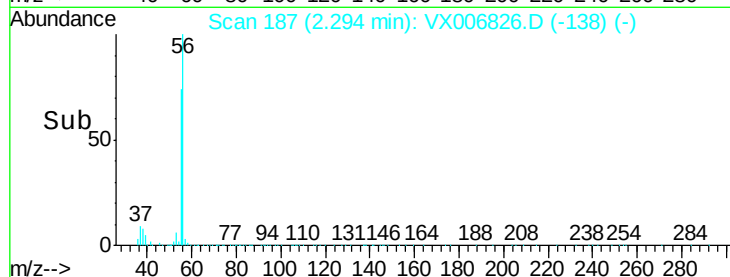
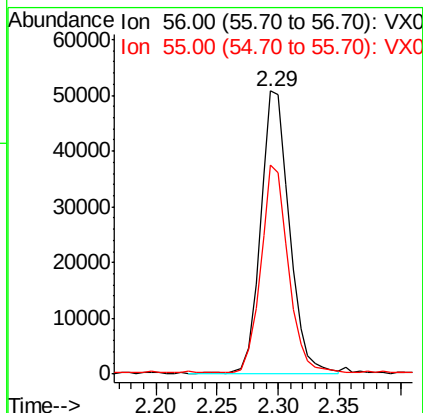
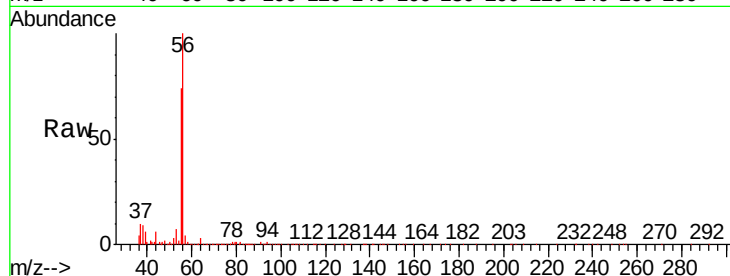
VX1226WBSD01

Tgt Ion: 56 Resp: 83737

Ion Ratio Lower Upper

56 100

55 69.2 58.2 87.4



#14

Allyl chloride

Concen: 18.686 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006826.D

Acq: 26 Dec 2018 18:42

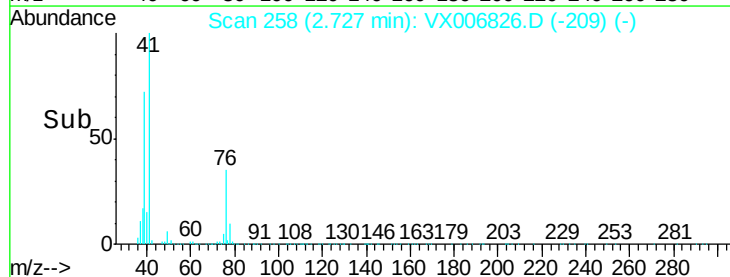
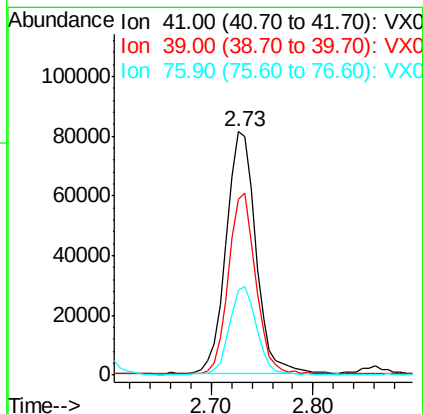
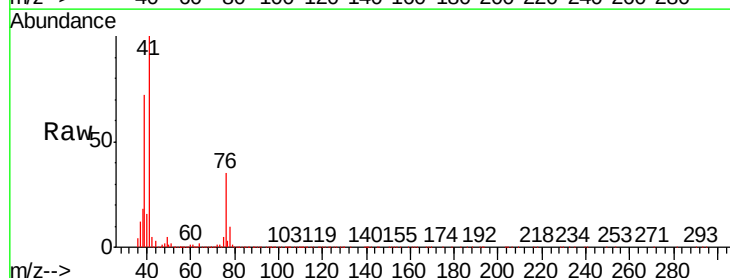
Tgt Ion: 41 Resp: 164989

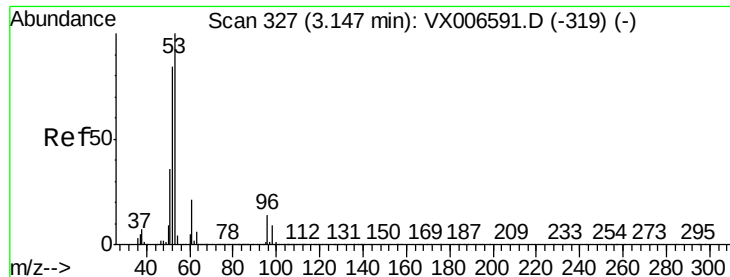
Ion Ratio Lower Upper

41 100

39 68.3 53.6 80.4

76 32.8 27.4 41.2

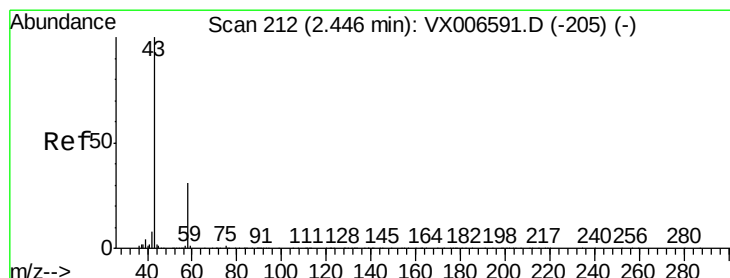
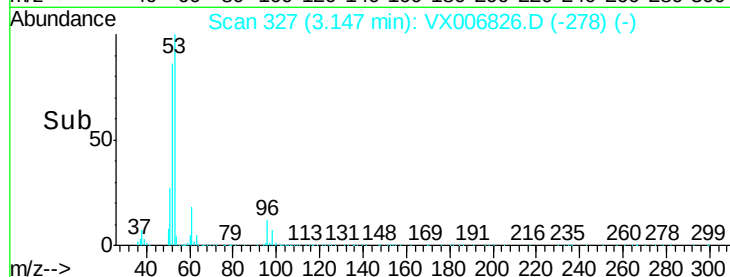
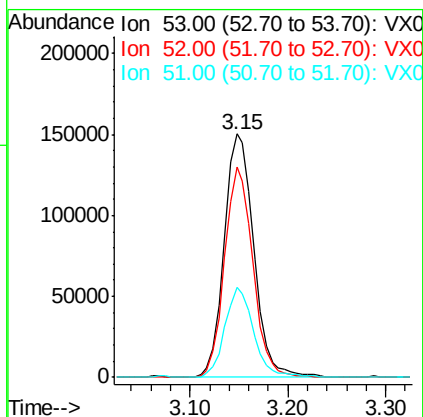
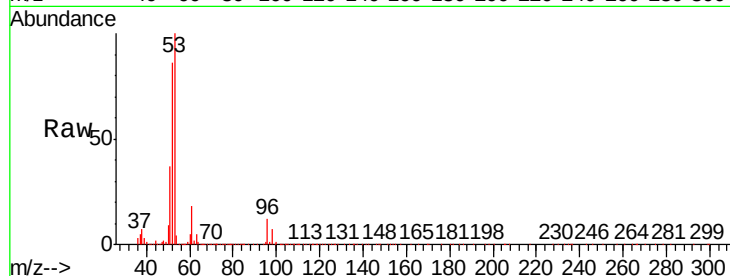




#15
Acrylonitrile
Concen: 99.993 ug/l
RT: 3.15 min Scan# 327
Delta R.T. 0.00 min
Lab File: VX006826.D
Acq: 26 Dec 2018 18:42

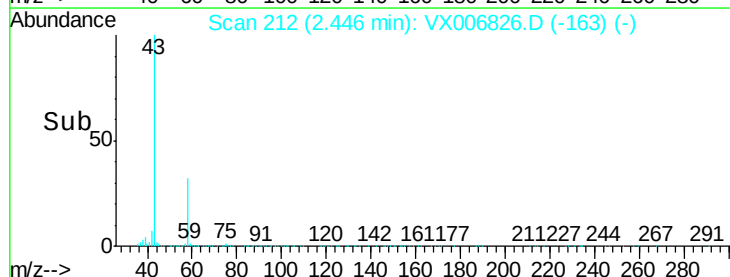
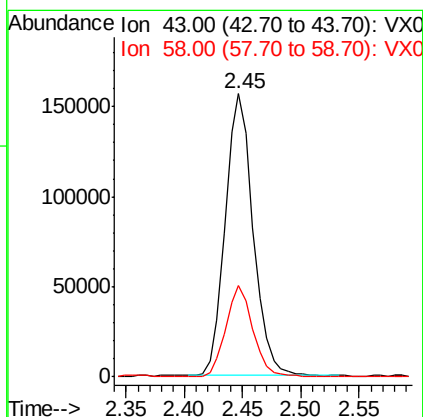
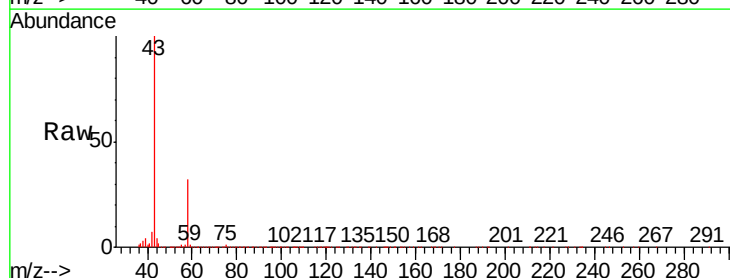
Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD01

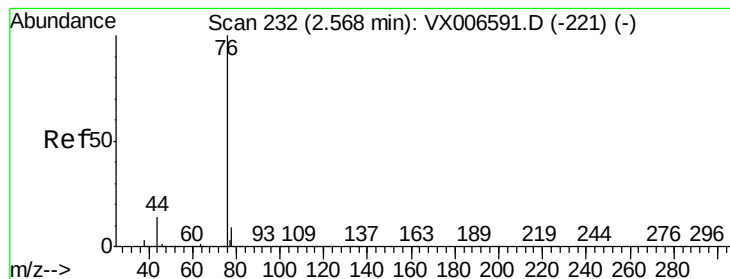
Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.0	99.0
51	35.9	28.6	42.8



#16
Acetone
Concen: 89.232 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006826.D
Acq: 26 Dec 2018 18:42

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.1	25.0	37.6





#17

Carbon Disulfide

Concen: 14.192 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006826.D

Acq: 26 Dec 2018 18:42

Instrument :

MSVOA_X

ClientSampleId :

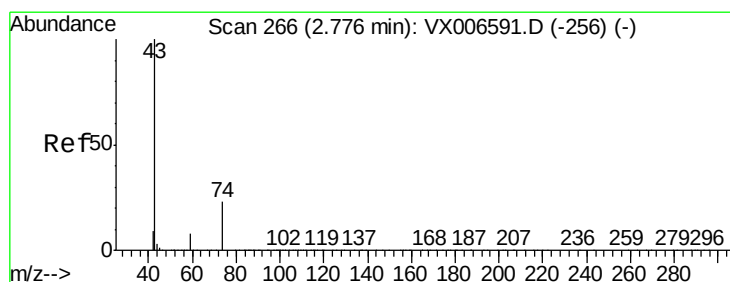
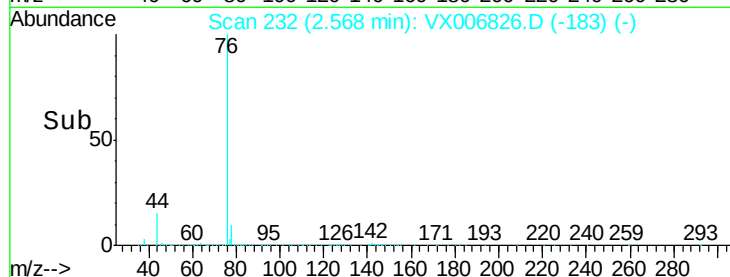
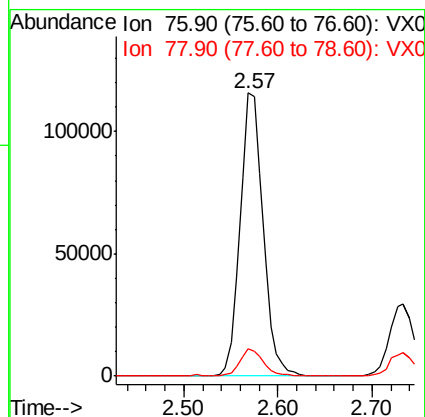
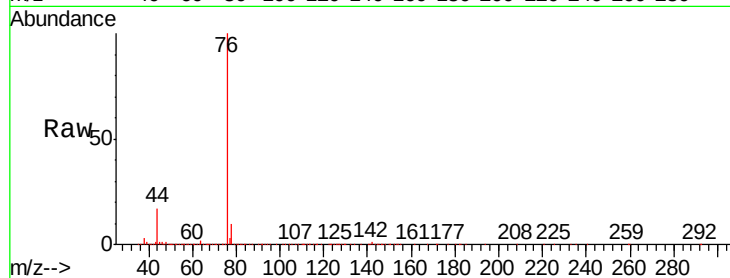
VX1226WBSD01

Tgt Ion: 76 Resp: 197010

Ion Ratio Lower Upper

76 100

78 9.8 7.0 10.6



#18

Methyl Acetate

Concen: 22.420 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX006826.D

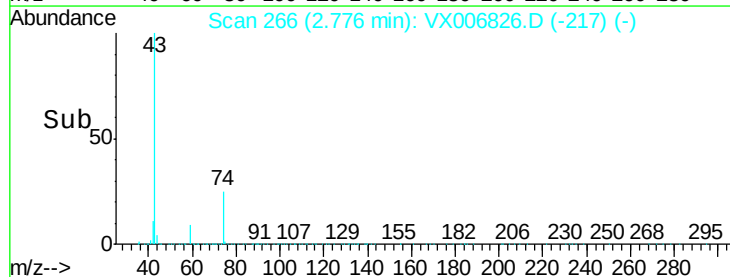
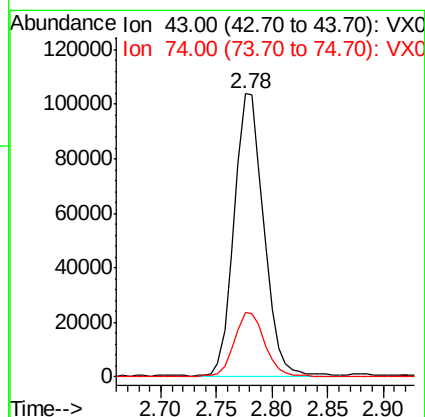
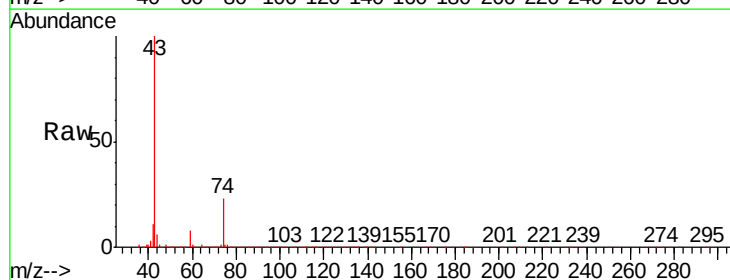
Acq: 26 Dec 2018 18:42

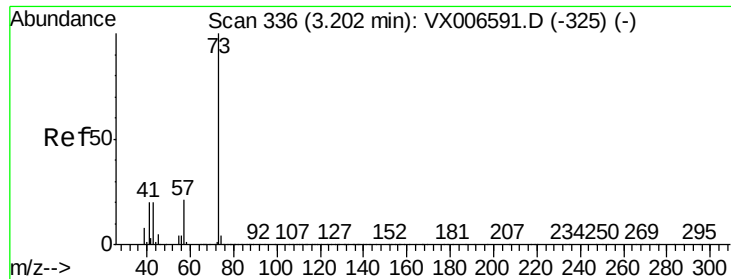
Tgt Ion: 43 Resp: 191654

Ion Ratio Lower Upper

43 100

74 23.9 18.6 28.0



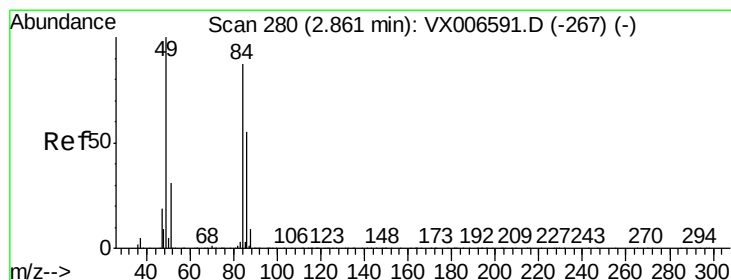
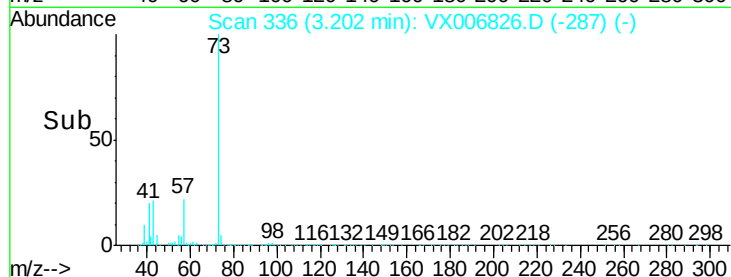
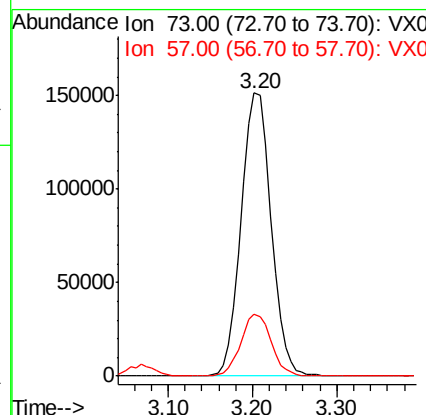
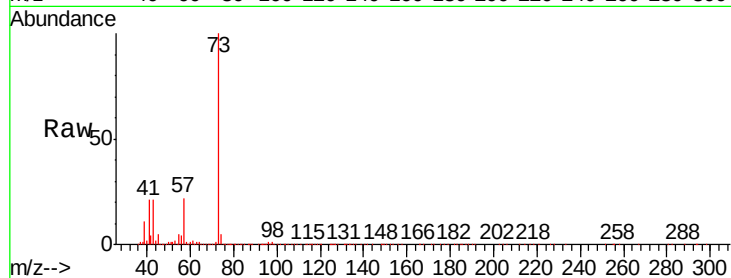


#19

Methyl tert-butyl Ether
Concen: 20.871 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006826.D
Acq: 26 Dec 2018 18:42

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD01

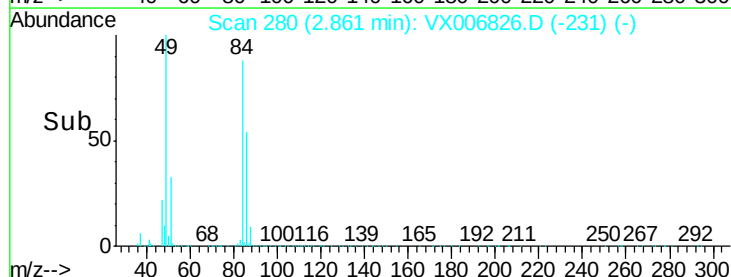
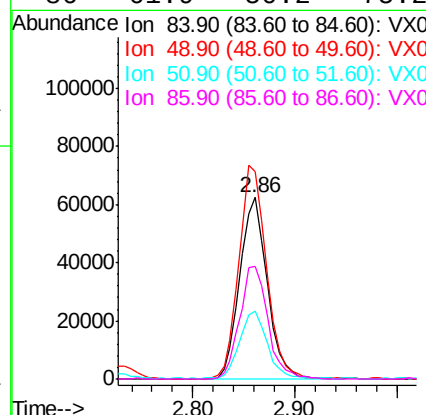
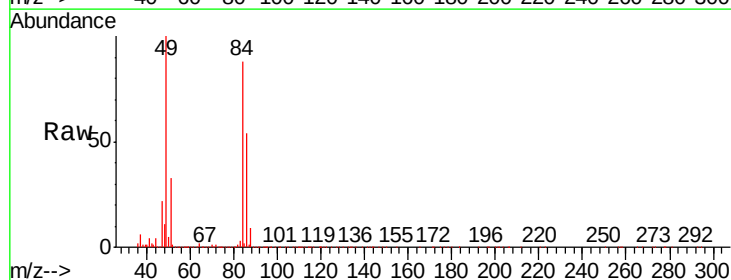
Tgt Ion: 73 Resp: 363376
Ion Ratio Lower Upper
73 100
57 21.7 16.8 25.2

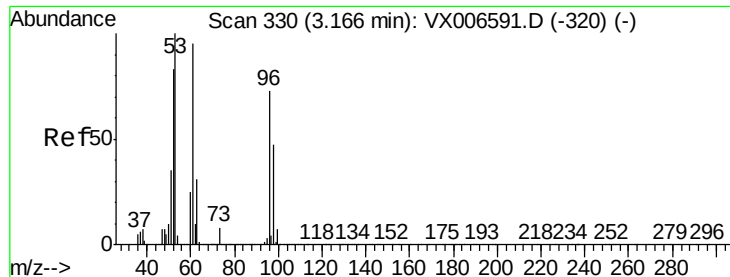


#20

Methylene Chloride
Concen: 19.334 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006826.D
Acq: 26 Dec 2018 18:42

Tgt Ion: 84 Resp: 116226
Ion Ratio Lower Upper
84 100
49 114.2 91.8 137.6
51 37.1 28.5 42.7
86 61.9 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 17.651 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006826.D

Acq: 26 Dec 2018 18:42

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD01

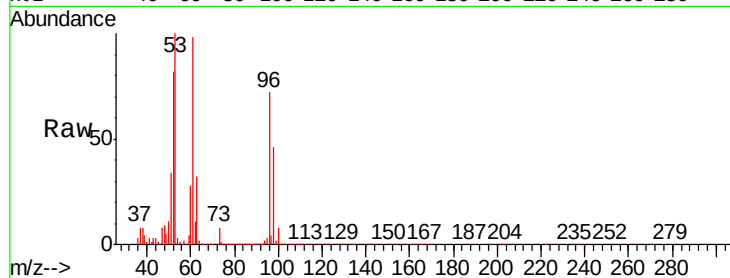
Tgt Ion: 96 Resp: 102591

Ion Ratio Lower Upper

96 100

61 136.2 103.7 155.5

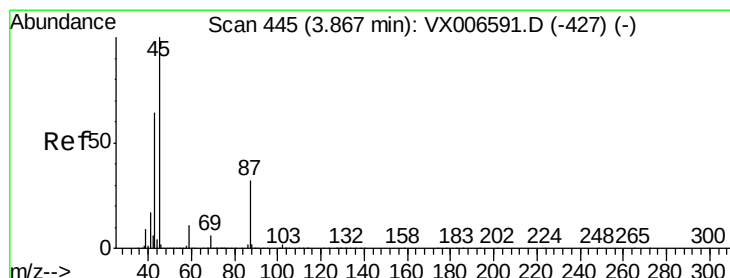
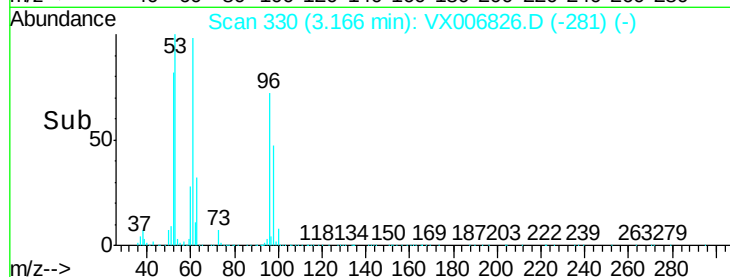
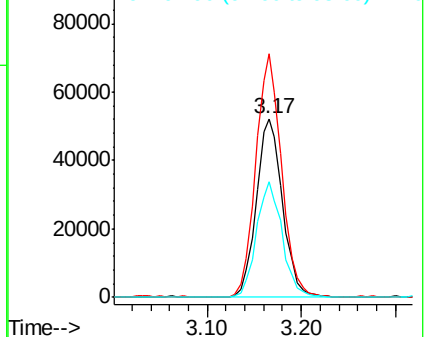
98 64.5 51.0 76.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.629 ug/l

RT: 3.87 min Scan# 445

Delta R.T. 0.00 min

Lab File: VX006826.D

Acq: 26 Dec 2018 18:42

Tgt Ion: 45 Resp: 333224

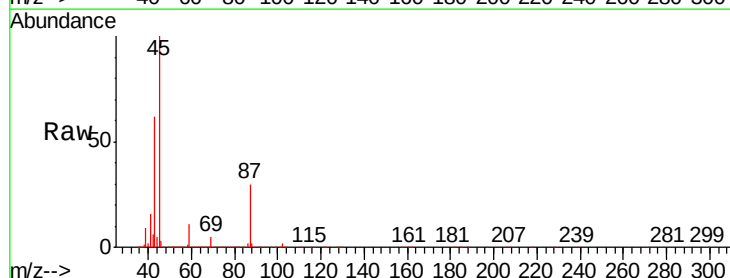
Ion Ratio Lower Upper

45 100

43 61.4 51.2 76.8

87 30.3 25.8 38.6

59 11.2 9.0 13.4

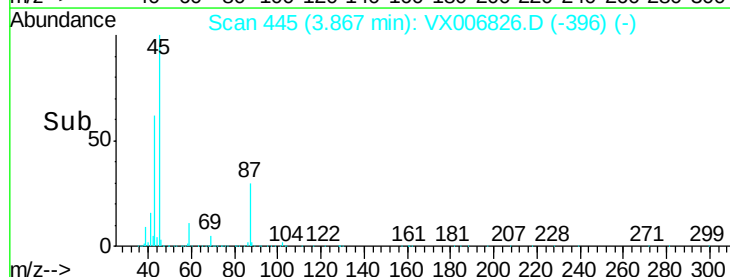
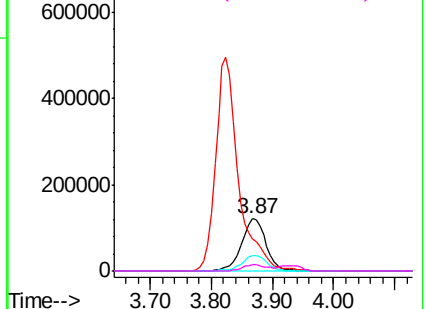


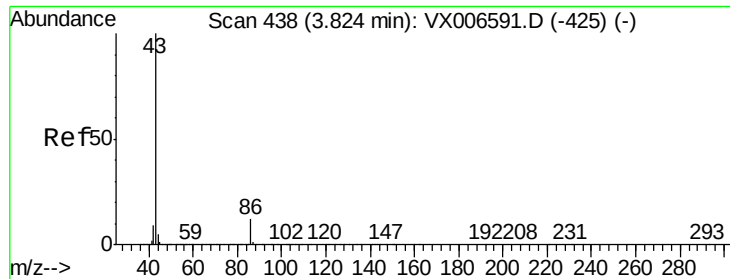
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 98.457 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006826.D

Acq: 26 Dec 2018 18:42

Instrument :

MSVOA_X

ClientSampleId :

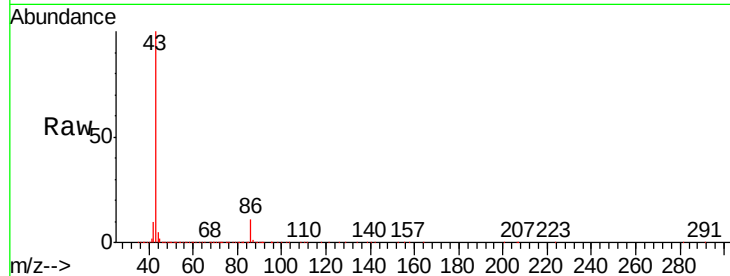
VX1226WBSD01

Tgt Ion: 43 Resp: 1300911

Ion Ratio Lower Upper

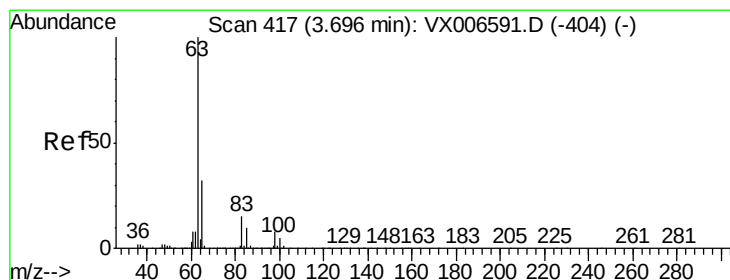
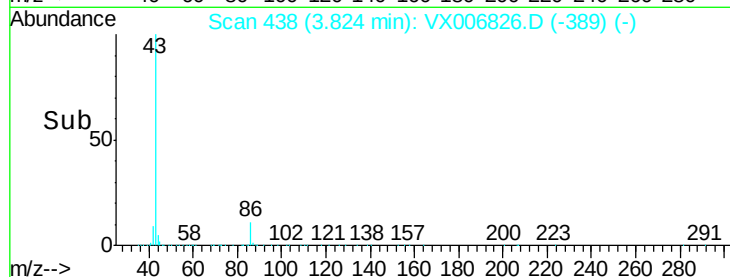
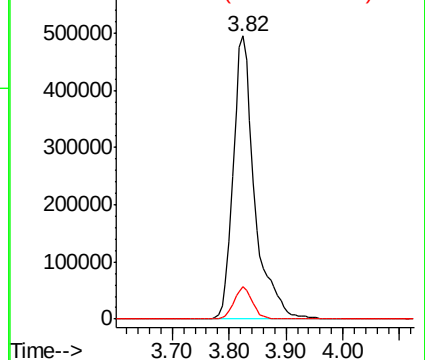
43 100

86 11.3 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.538 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006826.D

Acq: 26 Dec 2018 18:42

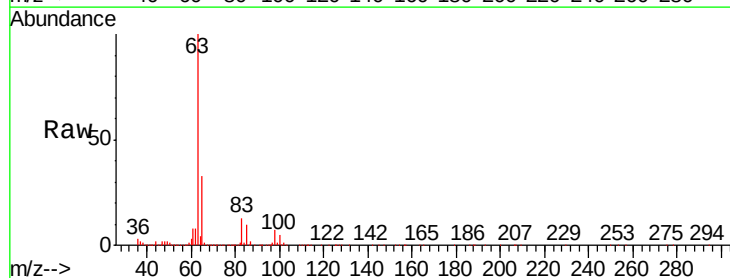
Tgt Ion: 63 Resp: 178757

Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.5

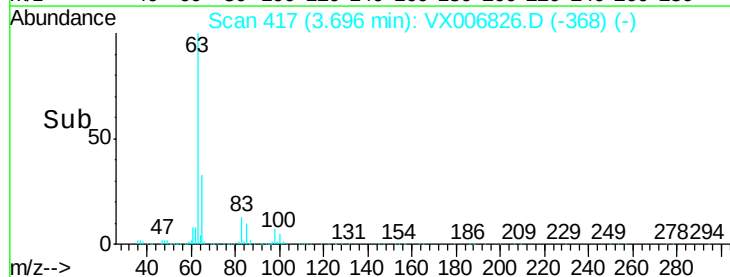
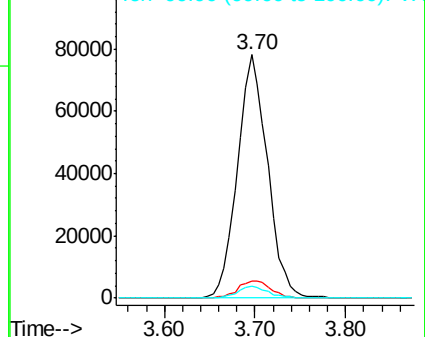
100 4.9 2.4 7.2

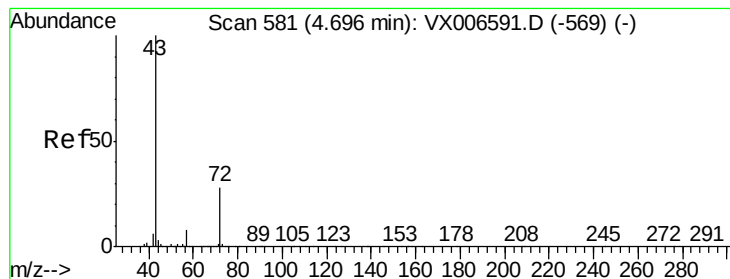


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 95.906 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.00 min

Lab File: VX006826.D

Acq: 26 Dec 2018 18:42

Instrument :

MSVOA_X

ClientSampleId :

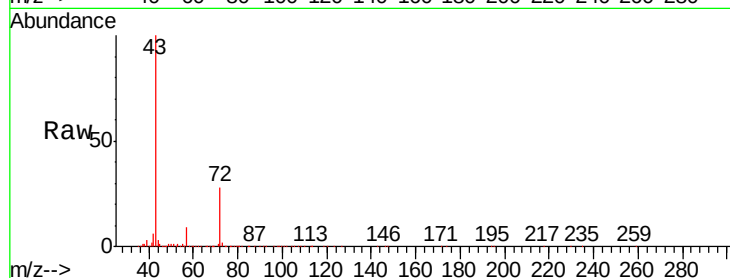
VX1226WBSD01

Tgt Ion: 43 Resp: 392179

Ion Ratio Lower Upper

43 100

72 27.9 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

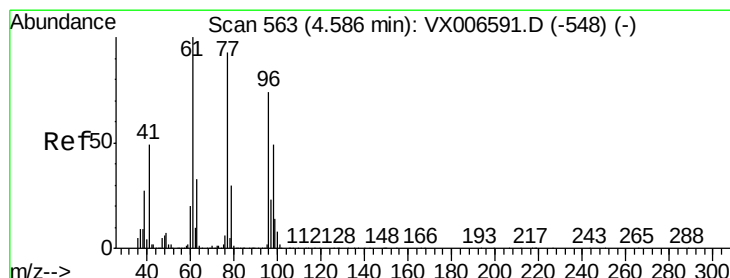
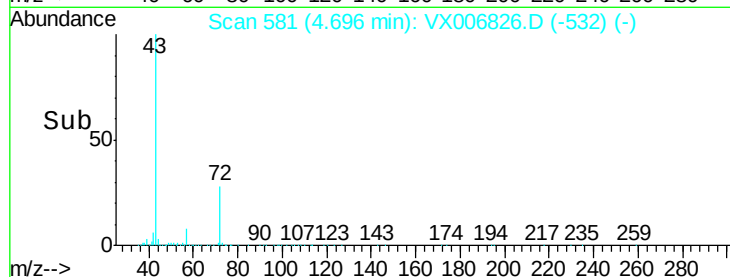
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 15.906 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006826.D

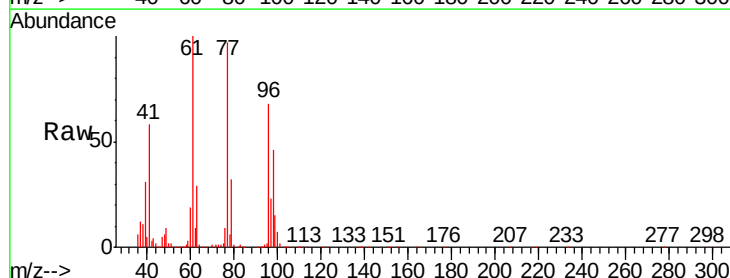
Acq: 26 Dec 2018 18:42

Tgt Ion: 77 Resp: 118477

Ion Ratio Lower Upper

77 100

97 25.9 12.4 37.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

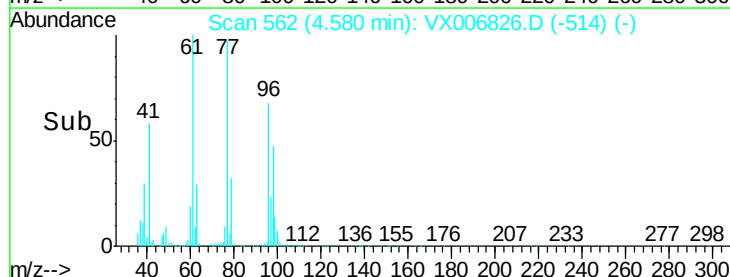
20000

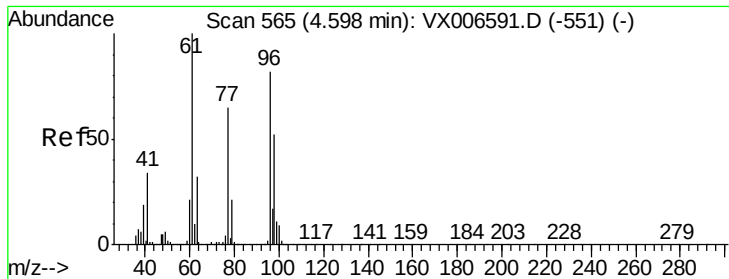
10000

0

4.40 4.50 4.60 4.70

Time-->



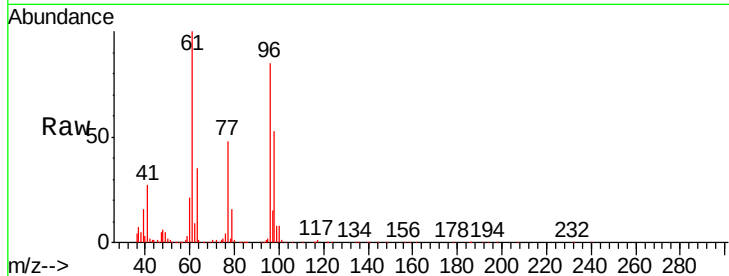


#27

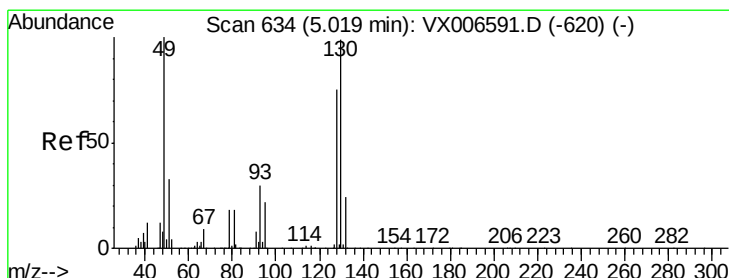
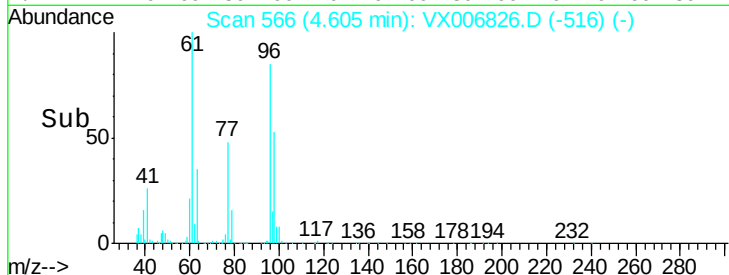
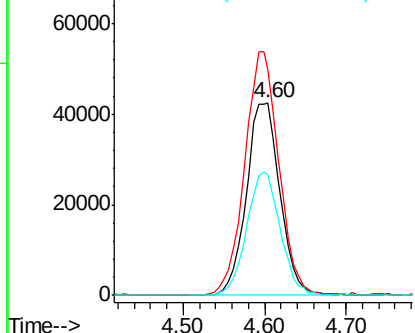
cis-1,2-Dichloroethene
Concen: 19.026 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX006826.D
Acq: 26 Dec 2018 18:42

Instrument :
MSVOA_X
ClientSampled :
VX1226WBSD01

Tgt Ion: 96 Resp: 122010
Ion Ratio Lower Upper
96 100
61 127.7 0.0 258.6
98 63.8 0.0 132.0



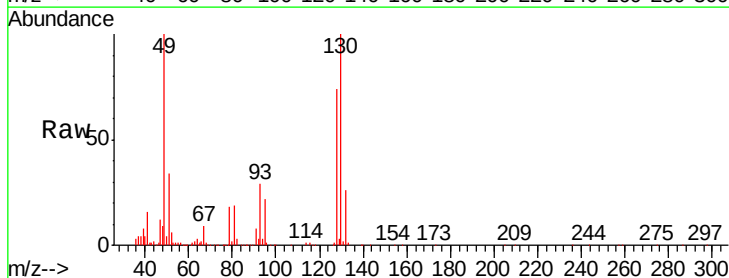
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



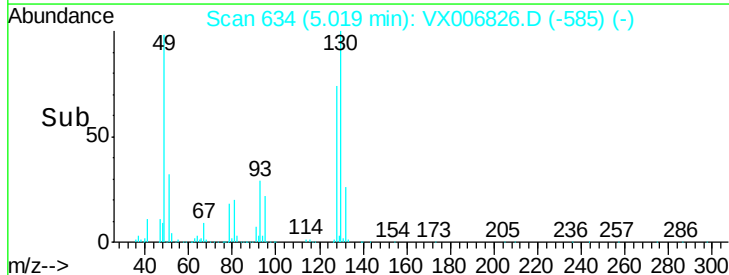
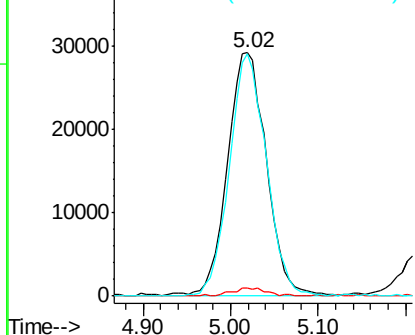
#28

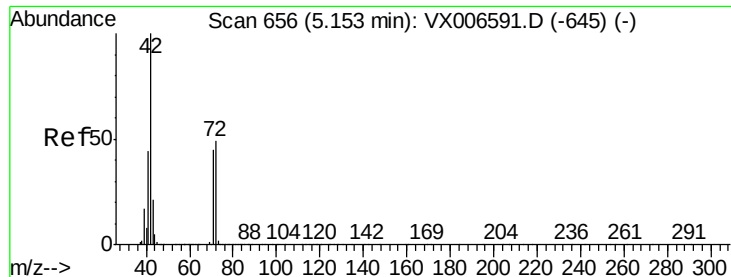
Bromochloromethane
Concen: 21.099 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006826.D
Acq: 26 Dec 2018 18:42

Tgt Ion: 49 Resp: 90120
Ion Ratio Lower Upper
49 100
129 3.1 0.0 5.4
130 94.7 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: 97.641 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006826.D

Acq: 26 Dec 2018 18:42

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD01

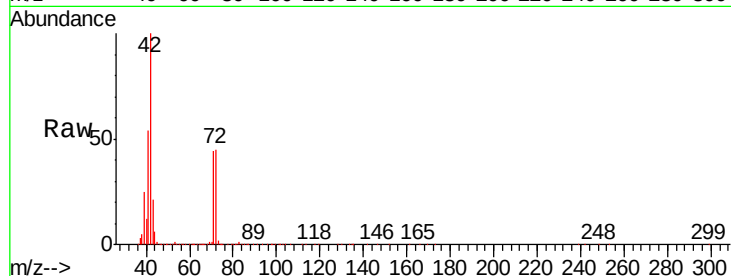
Tgt Ion: 42 Resp: 262974

Ion Ratio Lower Upper

42 100

72 47.7 38.9 58.3

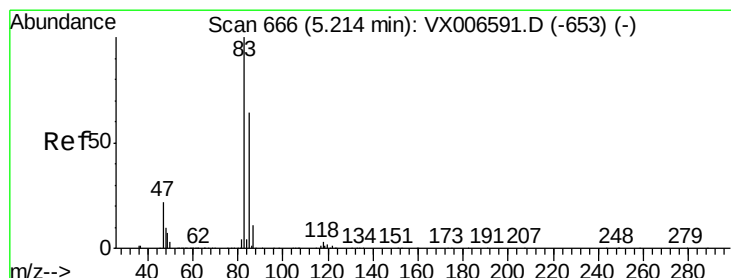
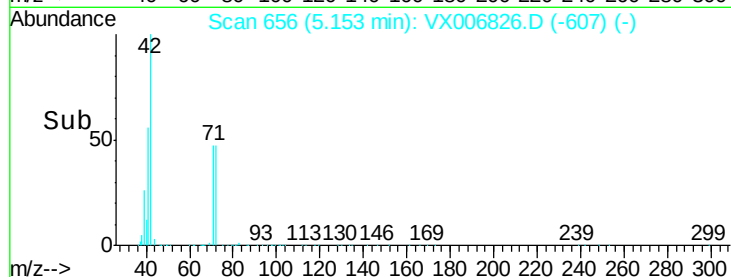
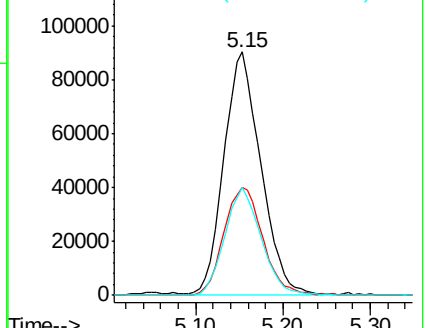
71 43.7 36.2 54.4



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: 18.801 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006826.D

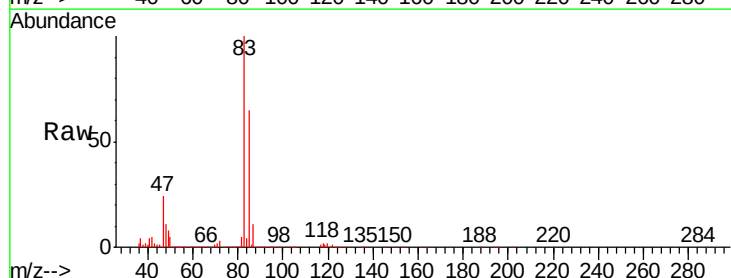
Acq: 26 Dec 2018 18:42

Tgt Ion: 83 Resp: 187741

Ion Ratio Lower Upper

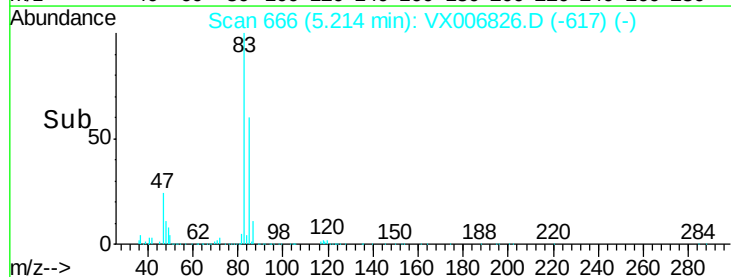
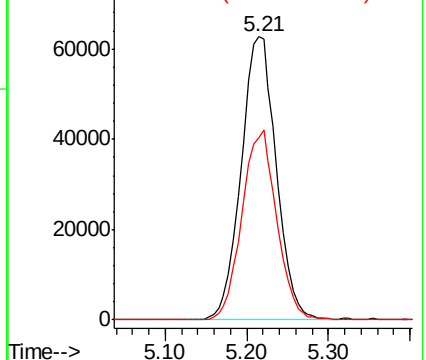
83 100

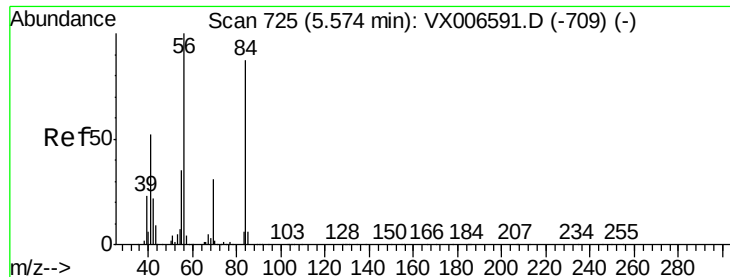
85 64.5 51.2 76.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

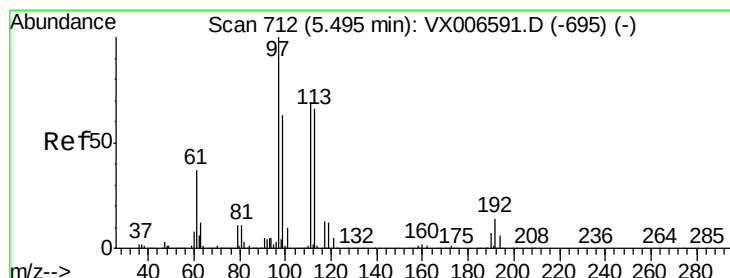
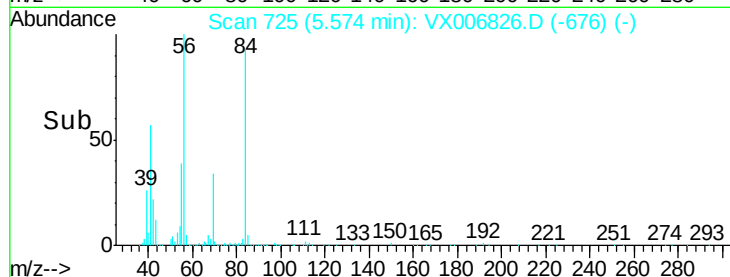
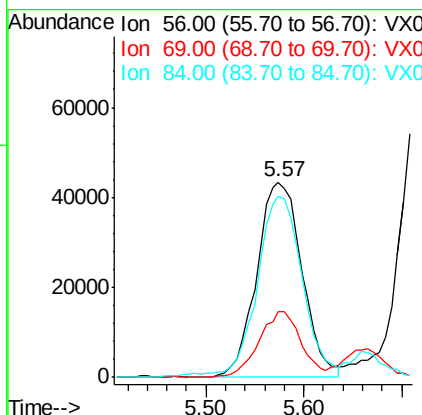
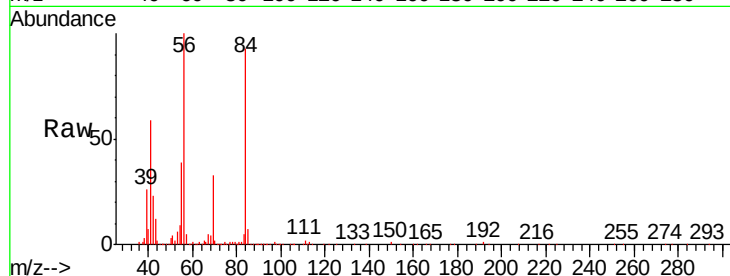




#31
Cyclohexane
Concen: 15.848 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006826.D
Acq: 26 Dec 2018 18:42

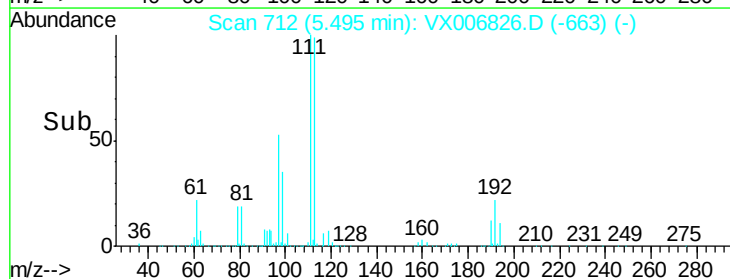
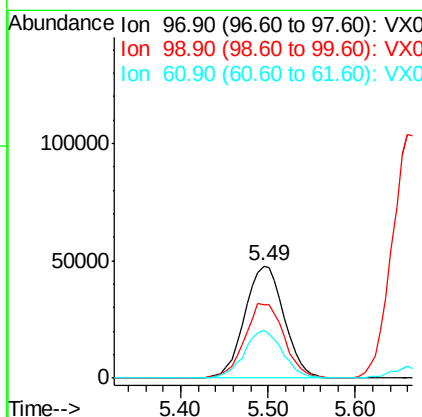
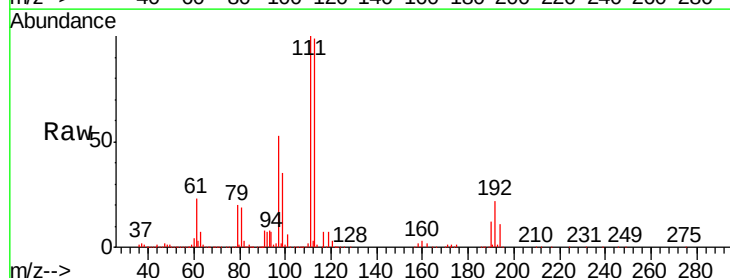
Instrument :
MSVOA_X
ClientSampled :
VX1226WBSD01

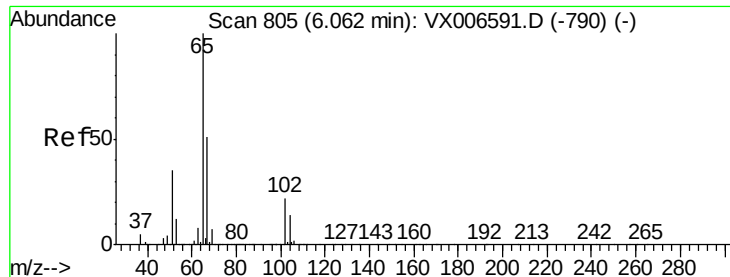
Tgt Ion: 56 Resp: 138833
Ion Ratio Lower Upper
56 100
69 33.3 24.4 36.6
84 91.7 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 17.698 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006826.D
Acq: 26 Dec 2018 18:42

Tgt Ion: 97 Resp: 149224
Ion Ratio Lower Upper
97 100
99 66.3 51.7 77.5
61 41.5 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 48.611 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006826.D

Acq: 26 Dec 2018 18:42

Instrument :

MSVOA_X

ClientSampleId :

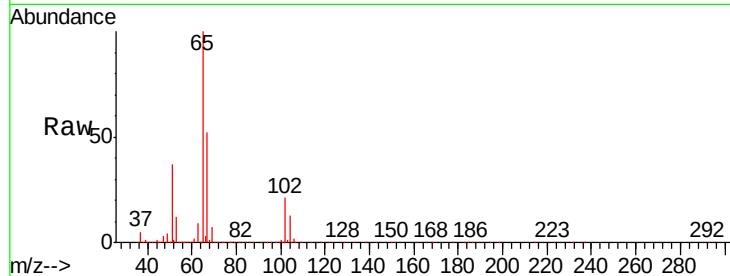
VX1226WBSD01

Tgt Ion: 65 Resp: 307589

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

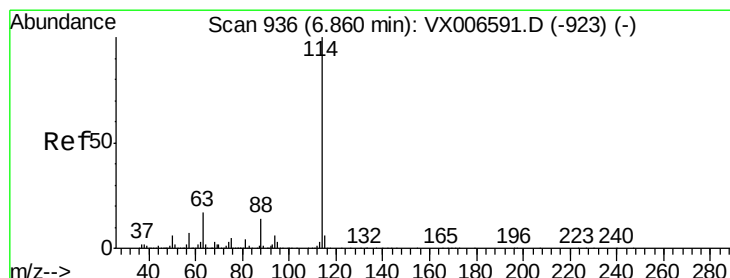
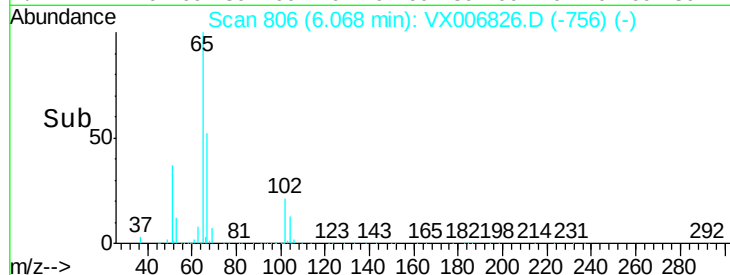
100000

50000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006826.D

Acq: 26 Dec 2018 18:42

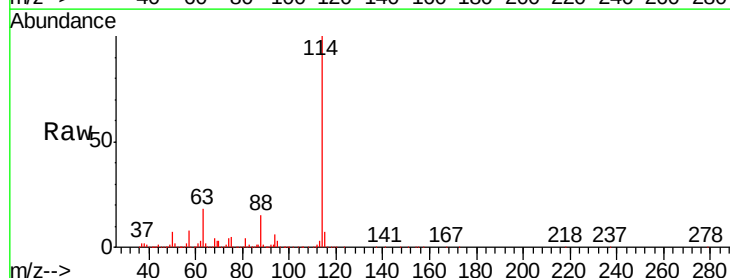
Tgt Ion: 114 Resp: 881066

Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.8

88 14.7 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

500000

400000

300000

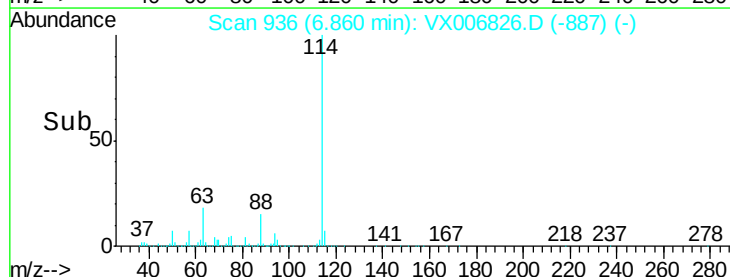
200000

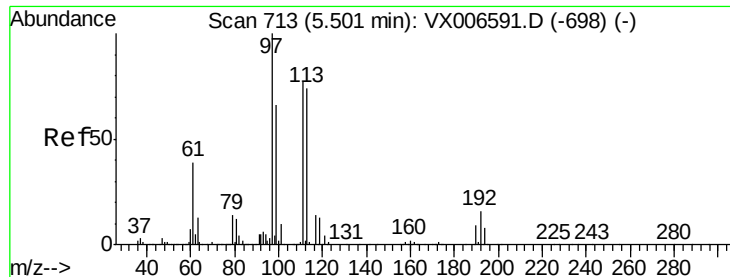
100000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 49.281 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006826.D

Acq: 26 Dec 2018 18:42

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD01

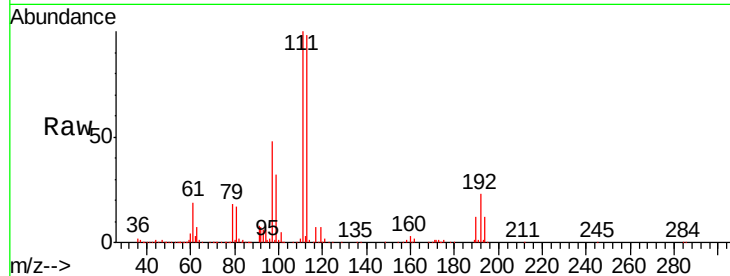
Tgt Ion:113 Resp: 274580

Ion Ratio Lower Upper

113 100

111 101.8 81.6 122.4

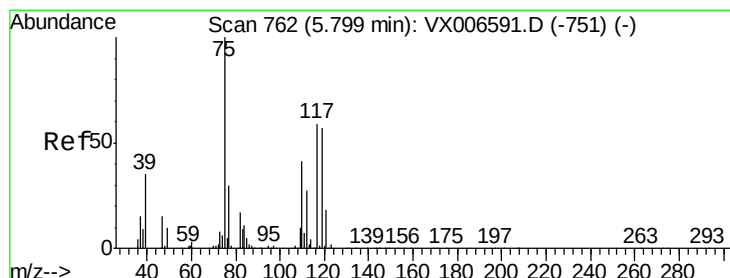
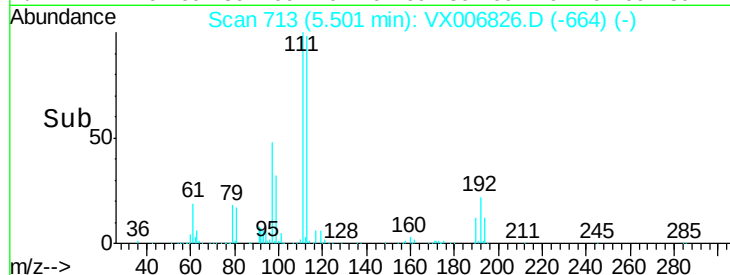
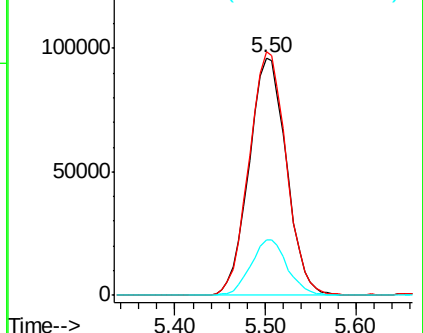
192 22.9 16.7 25.1



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: 18.162 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX006826.D

Acq: 26 Dec 2018 18:42

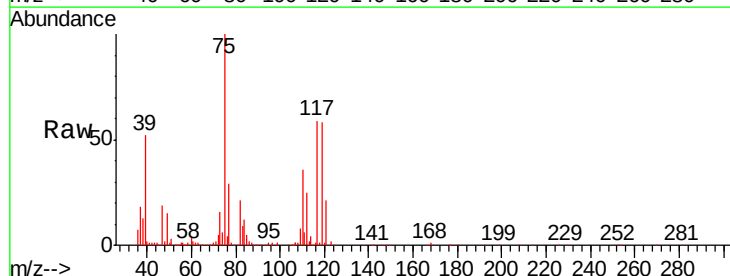
Tgt Ion: 75 Resp: 132535

Ion Ratio Lower Upper

75 100

110 38.8 20.2 60.5

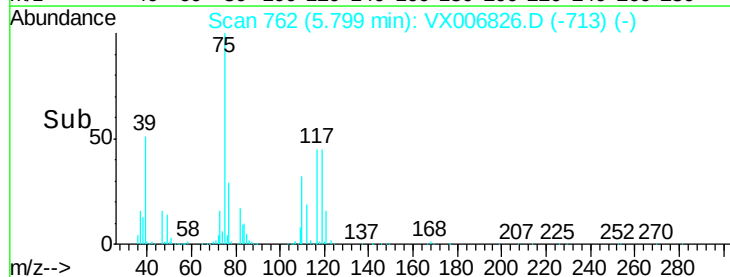
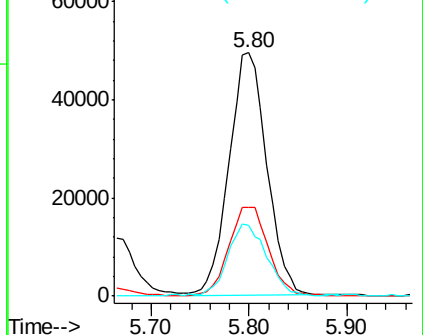
77 31.4 24.8 37.2

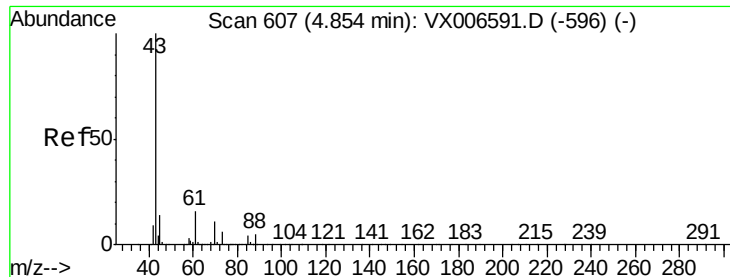


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

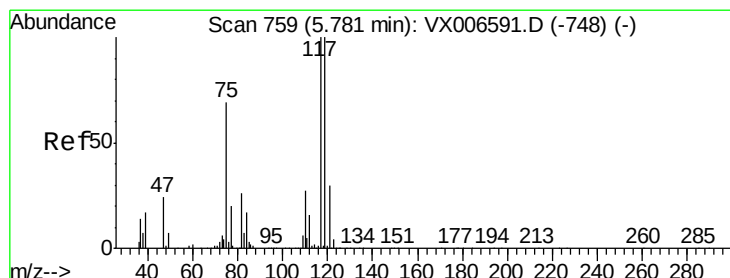
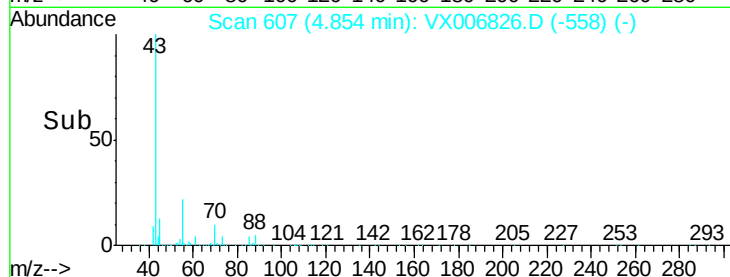
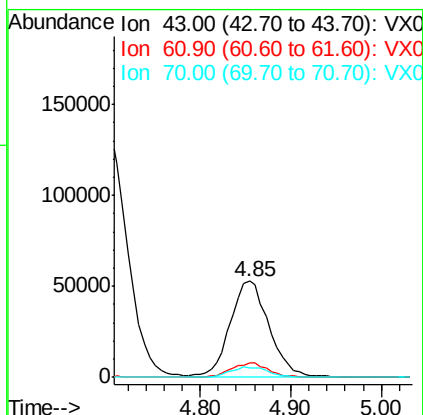
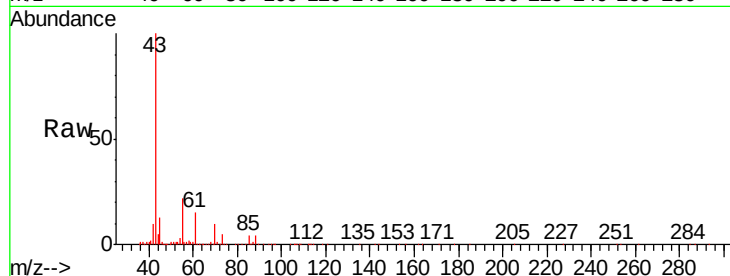




#37
Ethyl Acetate
Concen: 20.432 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006826.D
Acq: 26 Dec 2018 18:42

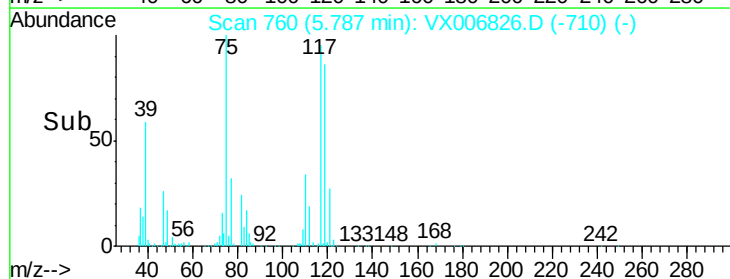
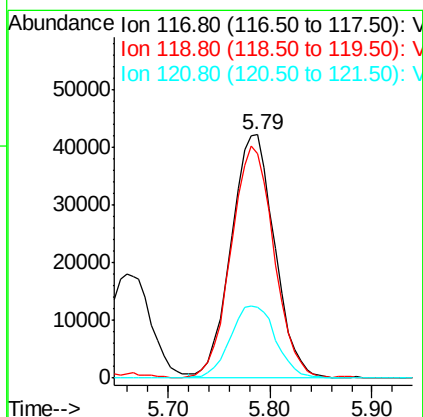
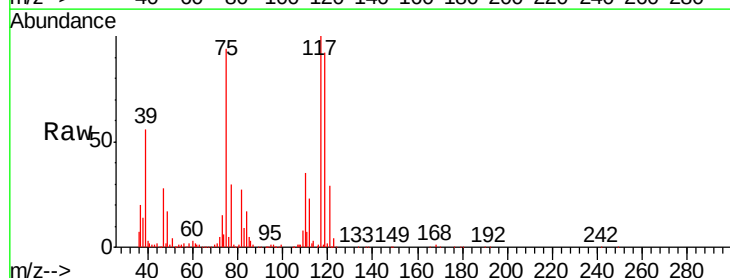
Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD01

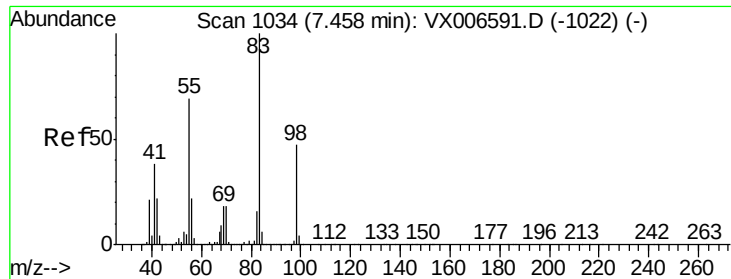
Tgt Ion: 43 Resp: 155187
Ion Ratio Lower Upper
43 100
61 14.3 11.9 17.9
70 11.3 9.7 14.5



#38
Carbon Tetrachloride
Concen: 17.519 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006826.D
Acq: 26 Dec 2018 18:42

Tgt Ion: 117 Resp: 124241
Ion Ratio Lower Upper
117 100
119 92.2 79.4 119.2
121 29.3 24.0 36.0

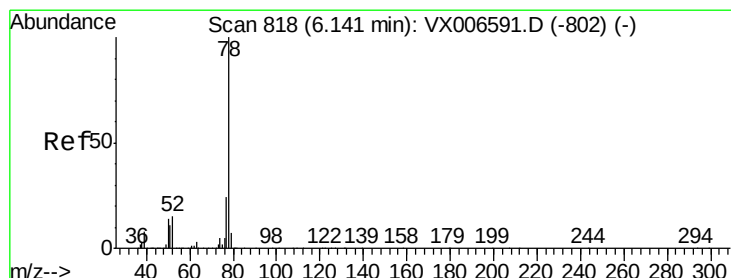
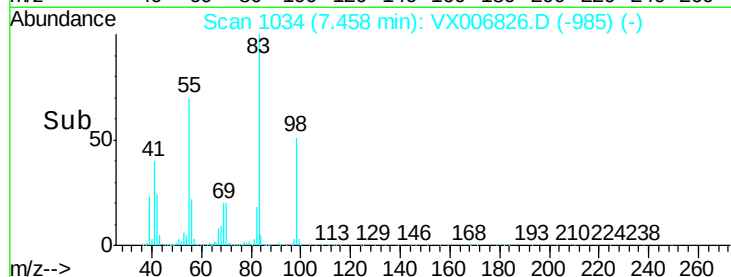
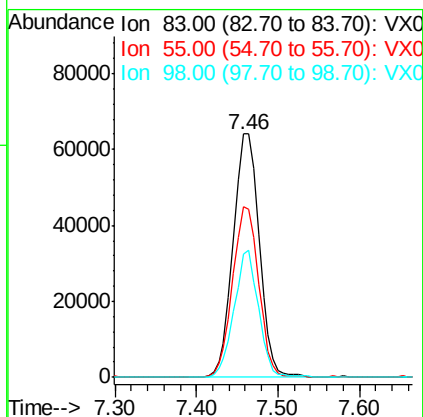
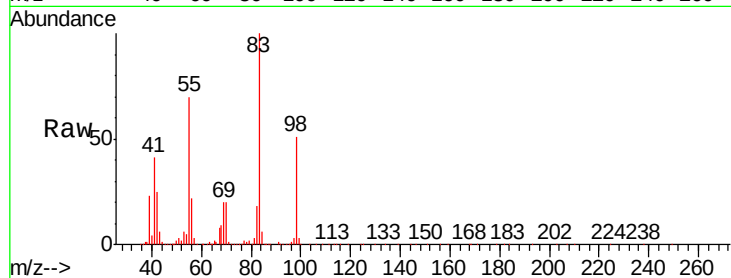




#39
Methylcyclohexane
Concen: 14.797 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX006826.D
Acq: 26 Dec 2018 18:42

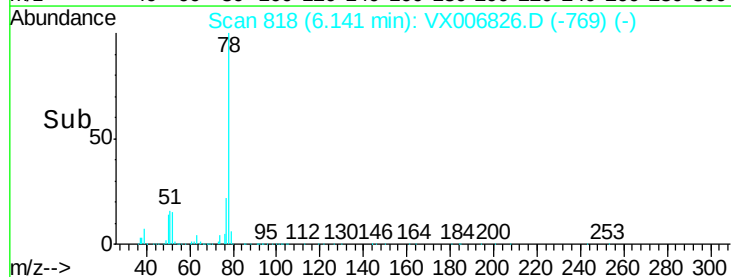
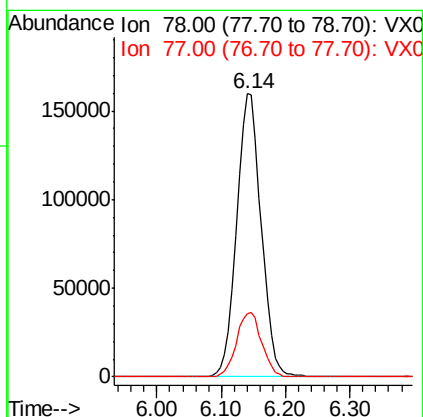
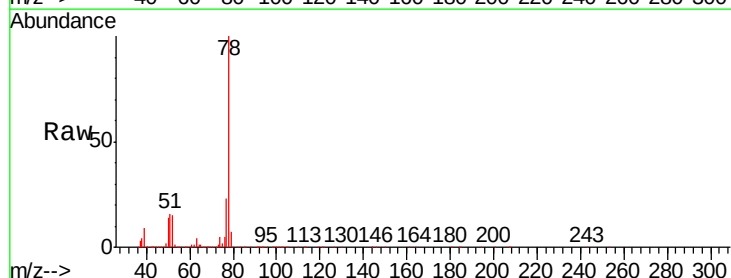
Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD01

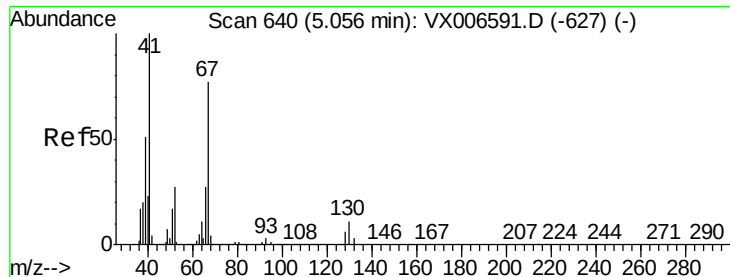
Tgt Ion	Ratio	Lower	Upper
83	100		
55	69.7	54.9	82.3
98	50.8	37.9	56.9



#40
Benzene
Concen: 18.932 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006826.D
Acq: 26 Dec 2018 18:42

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	19.2	28.8

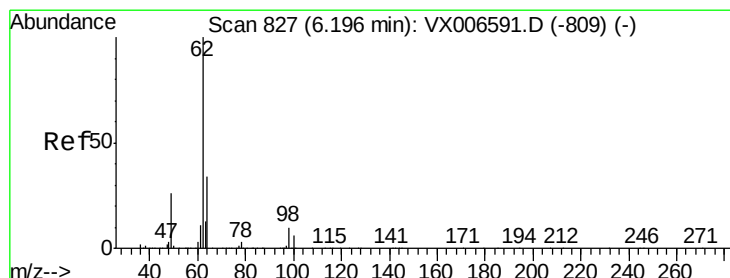
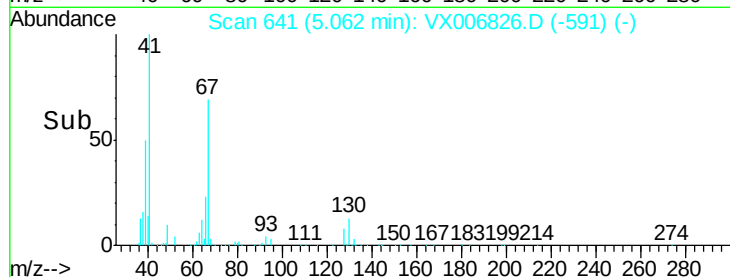
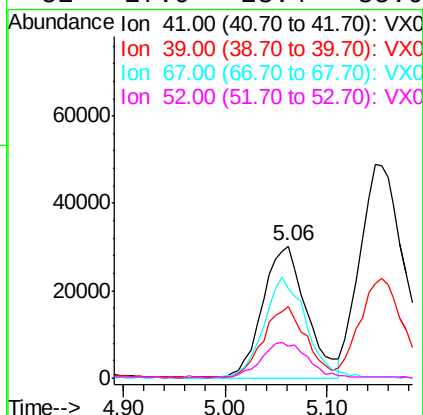
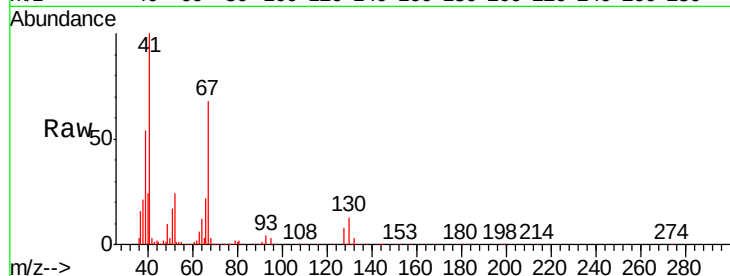




#41
Methacrylonitrile
Concen: 22.223 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX006826.D
Acq: 26 Dec 2018 18:42

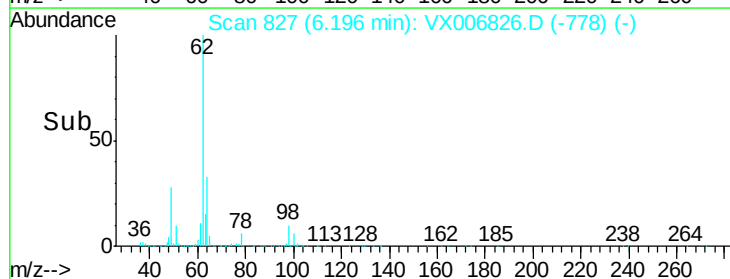
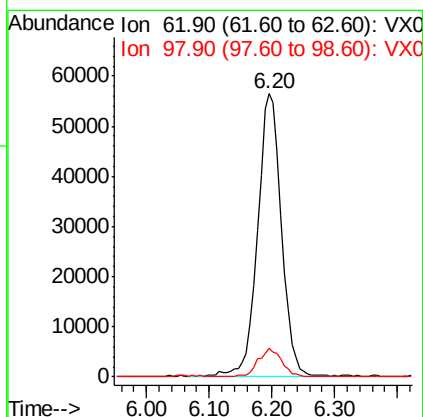
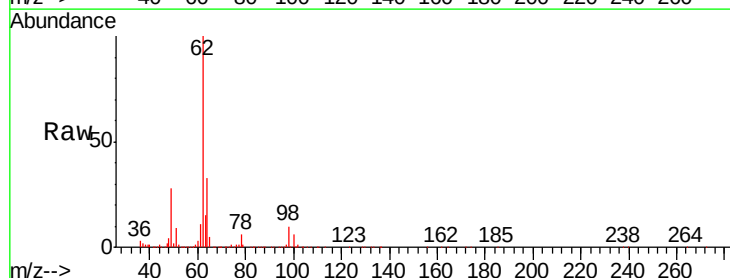
Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD01

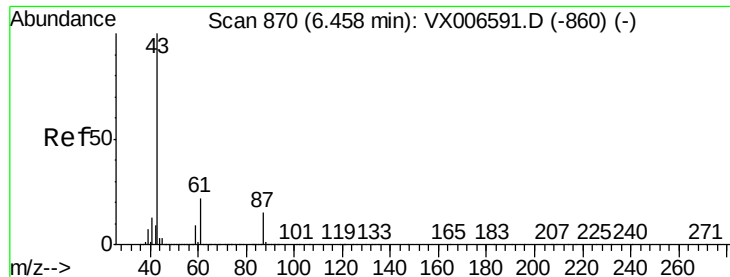
Tgt Ion:	41	Resp:	89612
Ion	Ratio	Lower	Upper
41	100		
39	52.4	42.8	64.2
67	75.2	62.1	93.1
52	27.9	23.4	35.0



#42
1,2-Dichloroethane
Concen: 19.720 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006826.D
Acq: 26 Dec 2018 18:42

Tgt Ion:	62	Resp:	149054
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2





#43

Isopropyl Acetate

Concen: 21.293 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006826.D

Acq: 26 Dec 2018 18:42

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD01

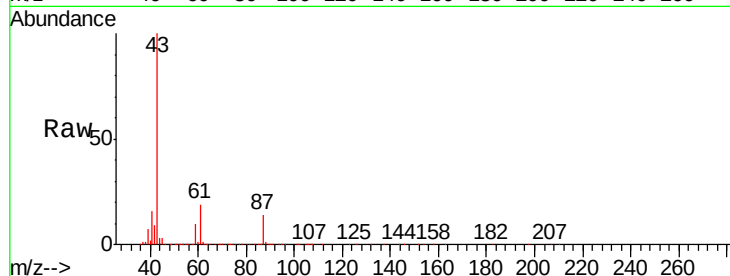
Tgt Ion: 43 Resp: 246072

Ion Ratio Lower Upper

43 100

61 20.6 16.8 25.2

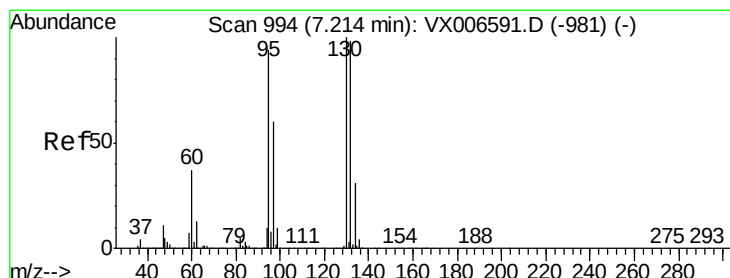
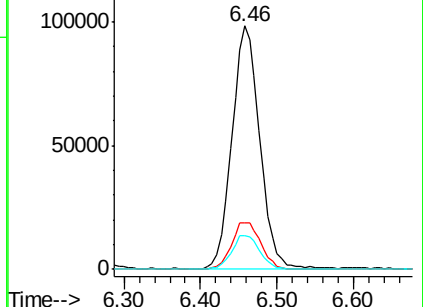
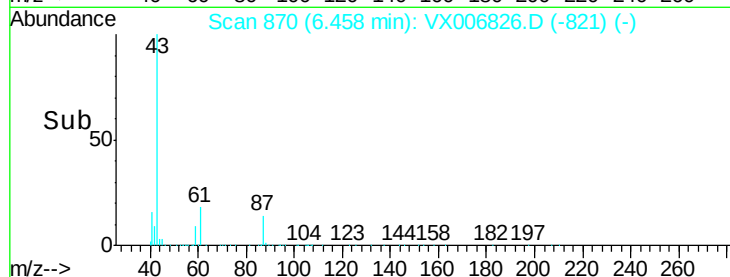
87 14.5 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VX006826.D (-821) (-)

Ion 61.00 (60.70 to 61.70): VX006826.D (-821) (-)

Ion 87.00 (86.70 to 87.70): VX006826.D (-821) (-)



#44

Trichloroethene

Concen: 17.625 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006826.D

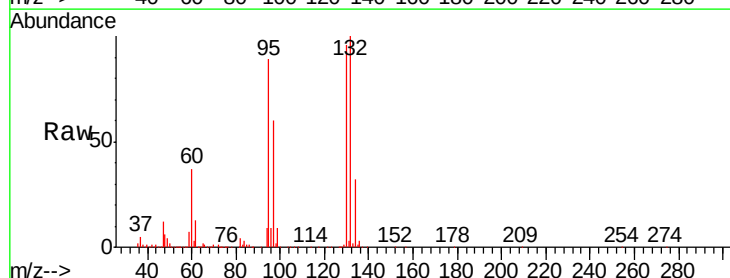
Acq: 26 Dec 2018 18:42

Tgt Ion: 130 Resp: 118330

Ion Ratio Lower Upper

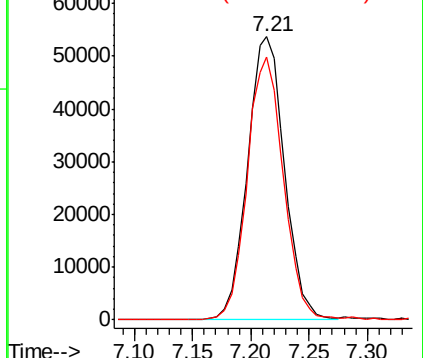
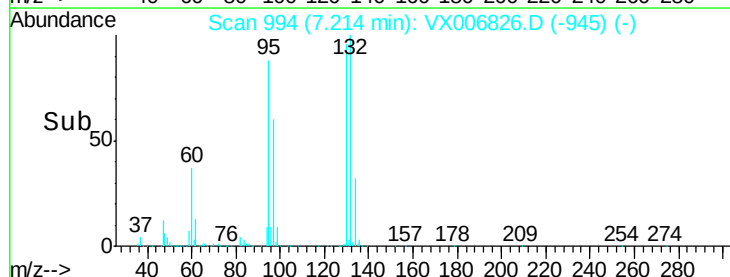
130 100

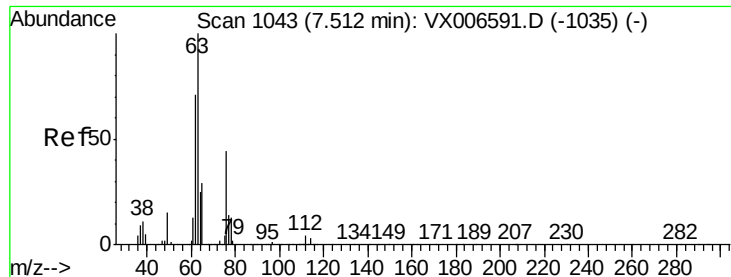
95 93.0 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): VX006826.D (-945) (-)

Ion 94.90 (94.60 to 95.60): VX006826.D (-945) (-)

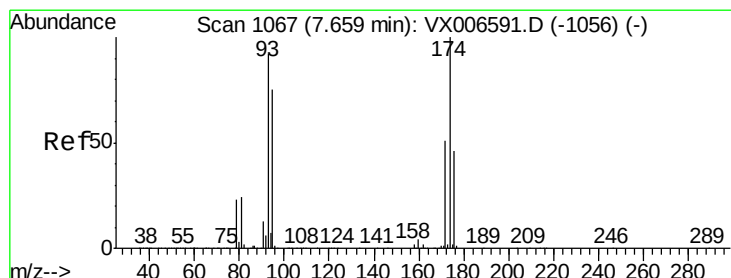
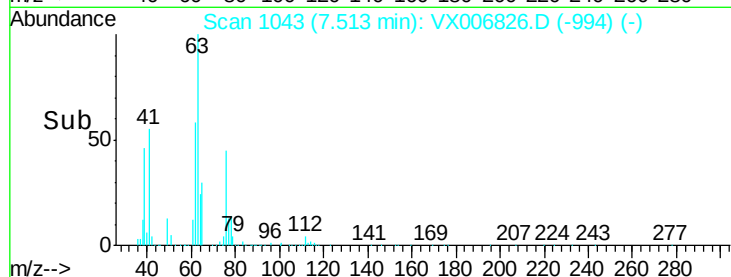
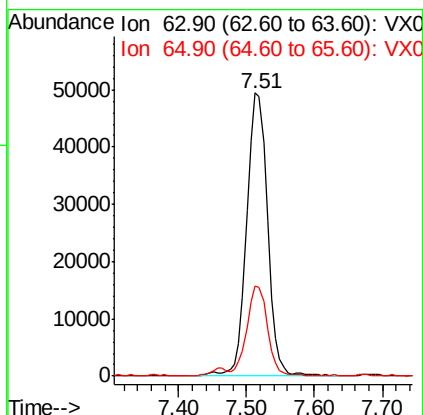
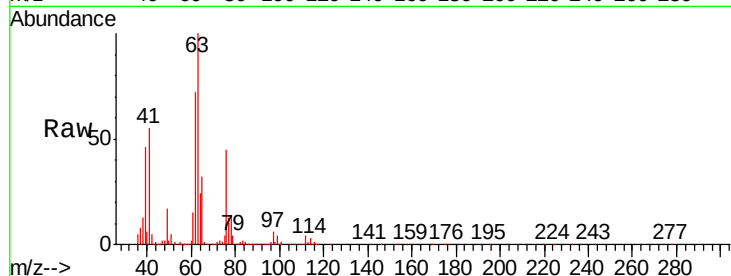




#45
 1,2-Dichloropropane
 Concen: 19.718 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX006826.D
 Acq: 26 Dec 2018 18:42

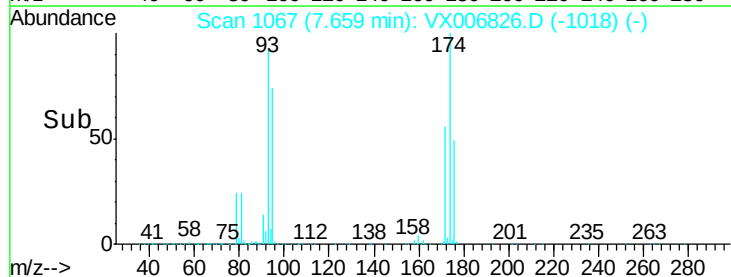
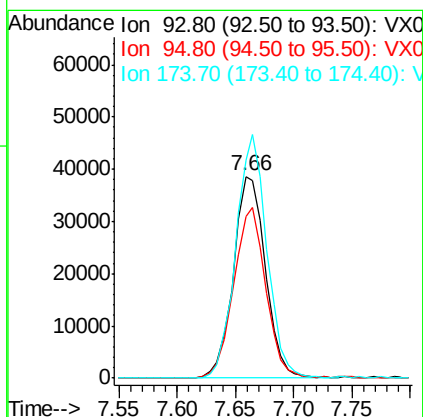
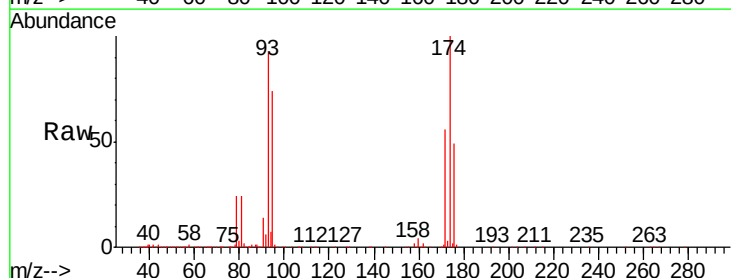
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBSD01

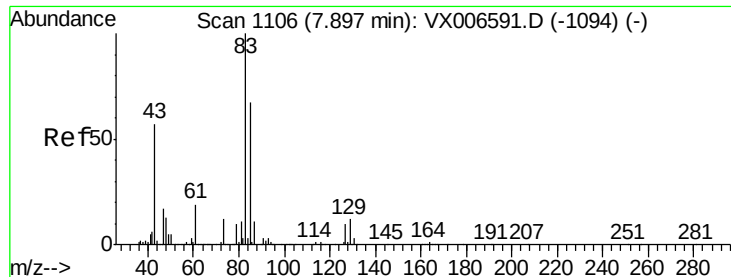
Tgt Ion: 63 Resp: 106436
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.4 38.0



#46
 Dibromomethane
 Concen: 18.762 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX006826.D
 Acq: 26 Dec 2018 18:42

Tgt Ion: 93 Resp: 74491
 Ion Ratio Lower Upper
 93 100
 95 84.5 66.2 99.4
 174 116.9 91.0 136.4





#47

Bromodichloromethane

Concen: 18.075 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006826.D

Acq: 26 Dec 2018 18:42

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD01

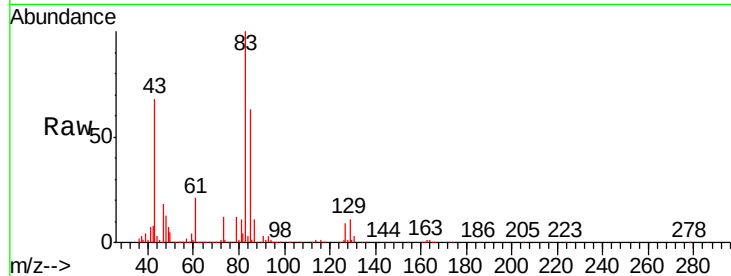
Tgt Ion: 83 Resp: 119142

Ion Ratio Lower Upper

83 100

85 63.5 53.2 79.8

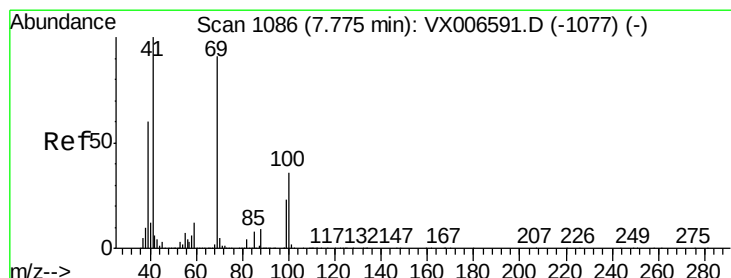
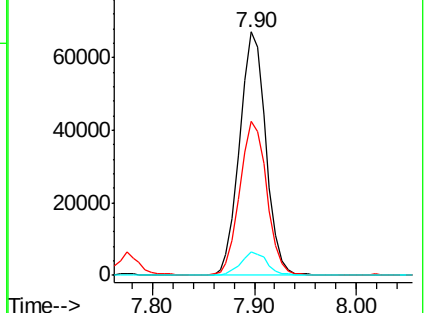
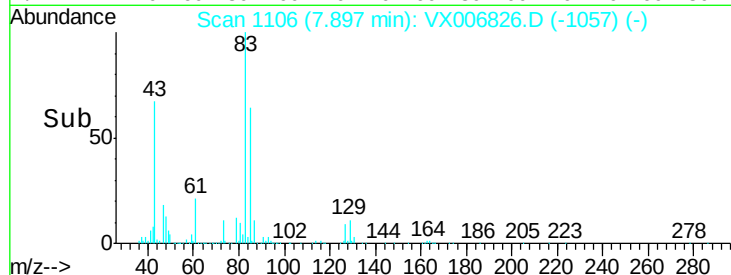
127 9.2 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.035 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006826.D

Acq: 26 Dec 2018 18:42

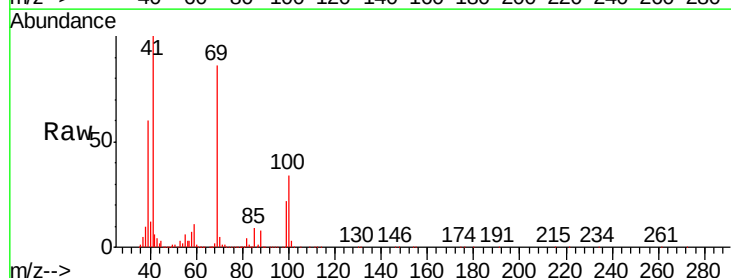
Tgt Ion: 41 Resp: 123616

Ion Ratio Lower Upper

41 100

69 88.5 72.4 108.6

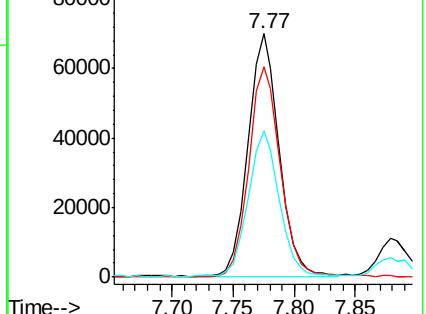
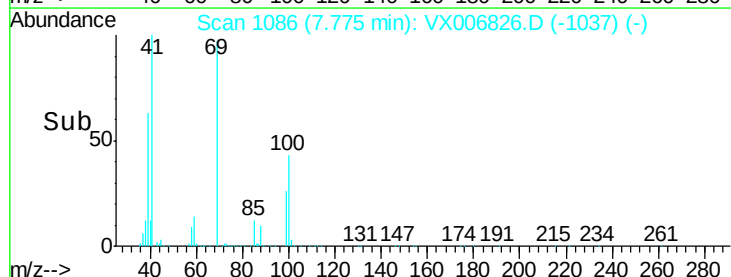
39 60.2 45.8 68.8

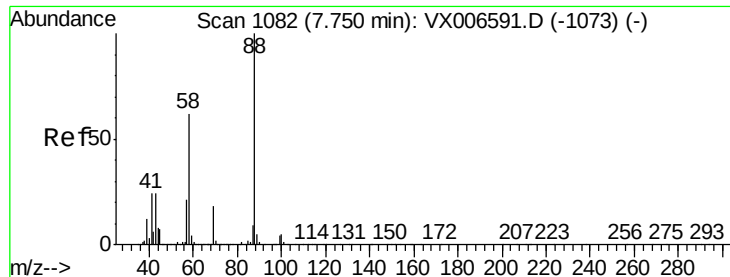


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

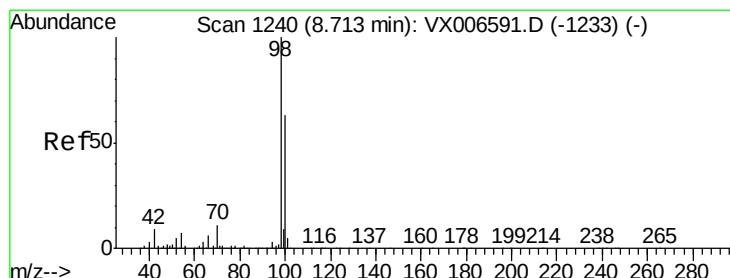
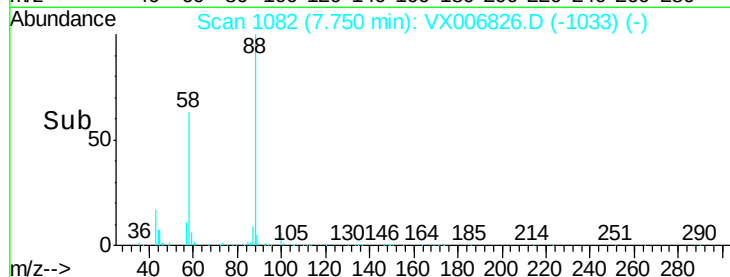
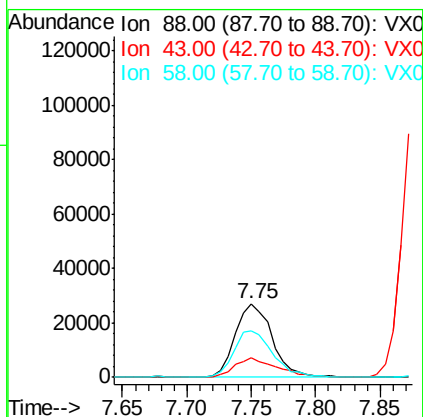
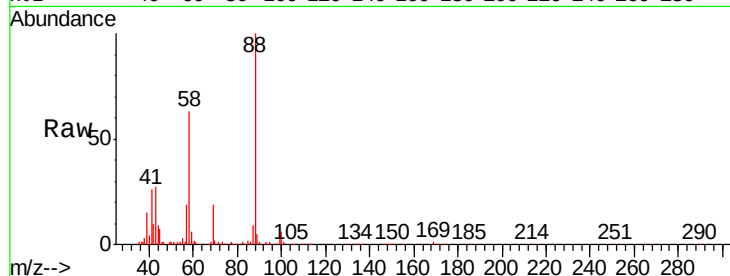




#49
1,4-Dioxane
Concen: 332.878 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006826.D
Acq: 26 Dec 2018 18:42

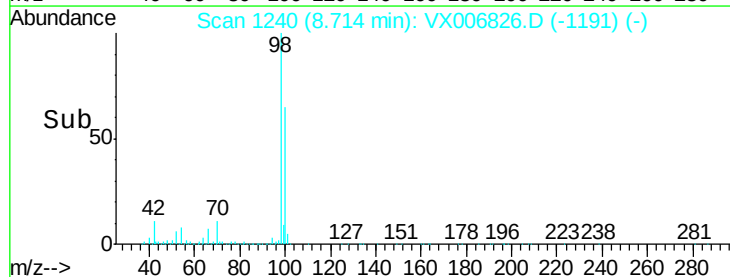
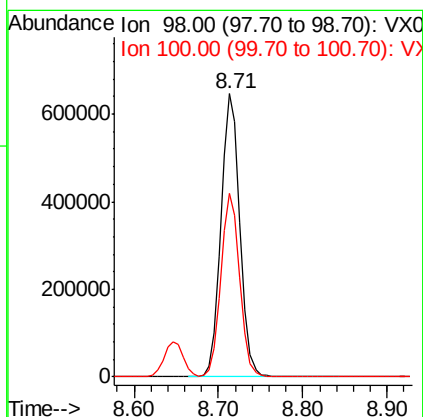
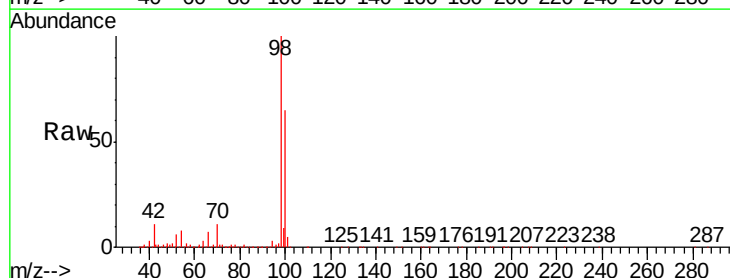
Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD01

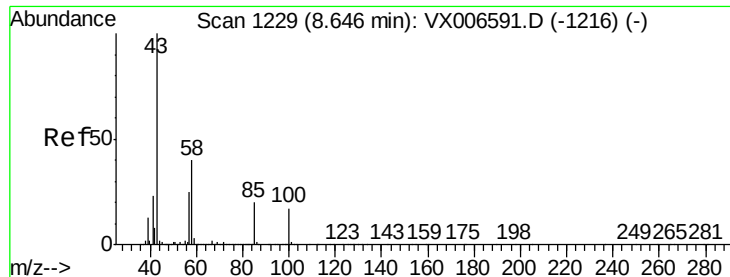
Tgt Ion: 88 Resp: 53223
Ion Ratio Lower Upper
88 100
43 30.9 22.2 33.4
58 67.5 51.0 76.4



#50
Toluene-d8
Concen: 47.459 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006826.D
Acq: 26 Dec 2018 18:42

Tgt Ion: 98 Resp: 996904
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 106.947 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006826.D

Acq: 26 Dec 2018 18:42

Instrument :

MSVOA_X

ClientSampleId :

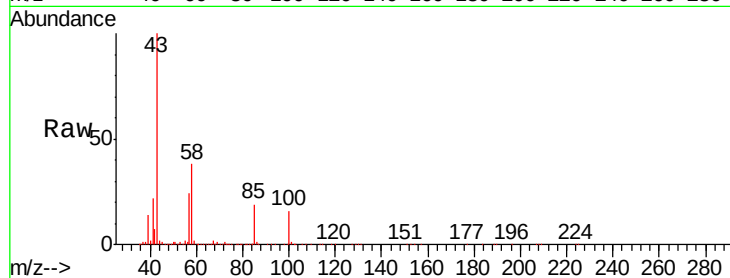
VX1226WBSD01

Tgt Ion: 43 Resp: 786371

Ion Ratio Lower Upper

43 100

58 39.2 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

600000

500000

400000

300000

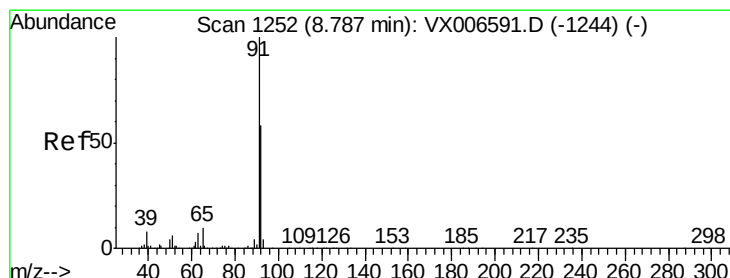
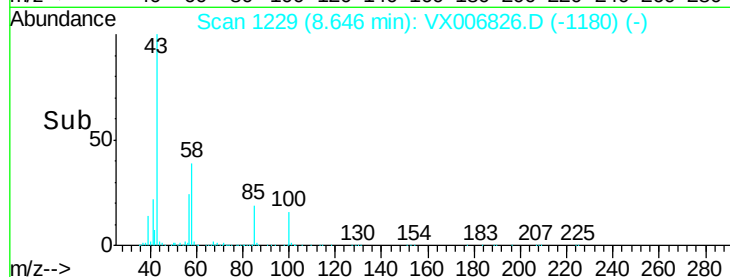
200000

100000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 18.215 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006826.D

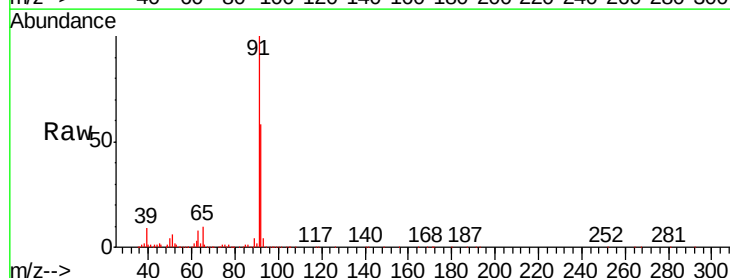
Acq: 26 Dec 2018 18:42

Tgt Ion: 92 Resp: 261028

Ion Ratio Lower Upper

92 100

91 176.1 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

300000

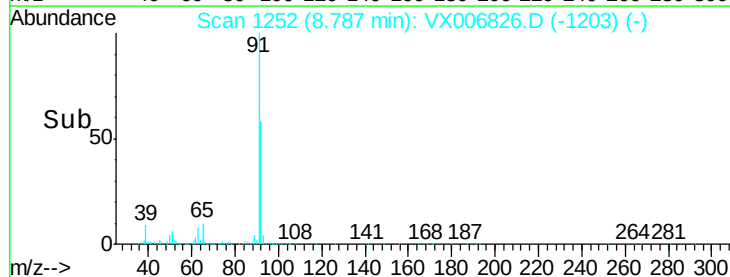
200000

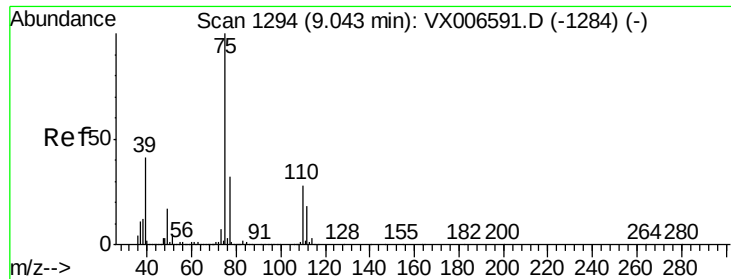
100000

0

8.70 8.75 8.80 8.85

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.972 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006826.D

Acq: 26 Dec 2018 18:42

Instrument :

MSVOA_X

ClientSampleId :

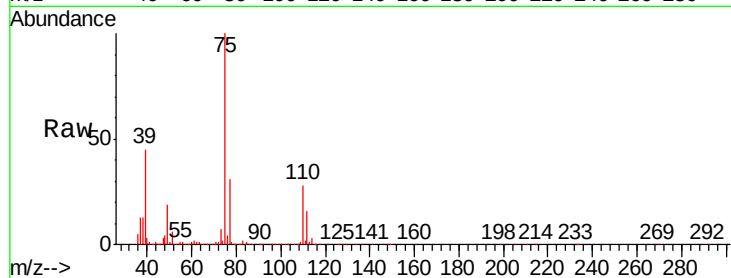
VX1226WBSD01

Tgt Ion: 75 Resp: 127054

Ion Ratio Lower Upper

75 100

77 30.6 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

80000

60000

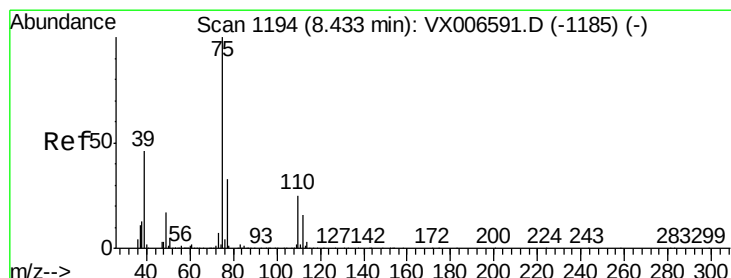
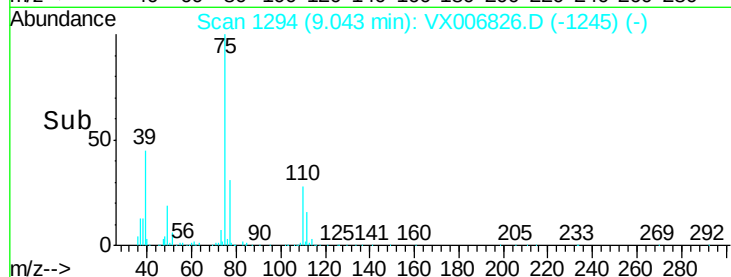
40000

20000

0

Time-->

8.95 9.00 9.05 9.10



#54

cis-1,3-Dichloropropene

Concen: 18.906 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006826.D

Acq: 26 Dec 2018 18:42

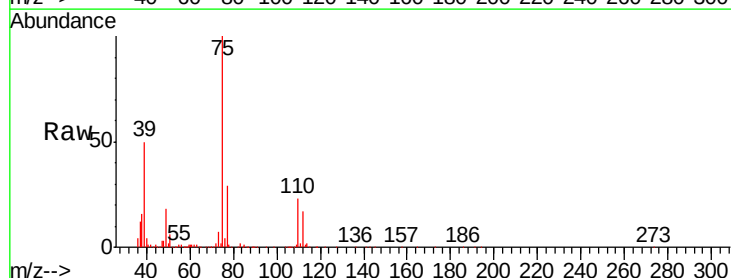
Tgt Ion: 75 Resp: 146655

Ion Ratio Lower Upper

75 100

77 29.3 26.2 39.2

39 49.2 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

8.43

120000

100000

80000

60000

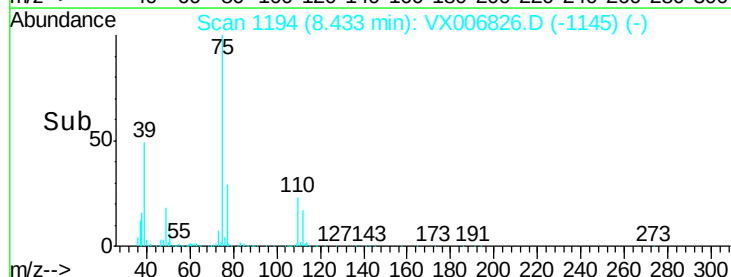
40000

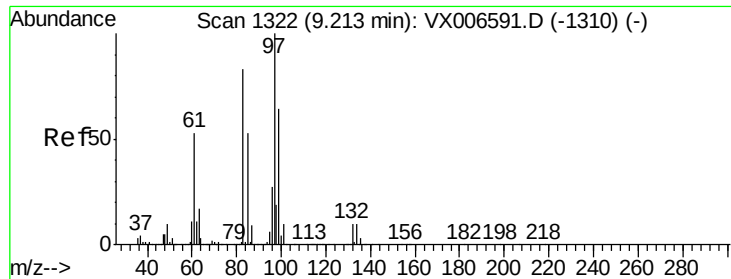
20000

0

Time-->

8.35 8.40 8.45 8.50





#55

1,1,2-Trichloroethane

Concen: 19.687 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006826.D

Acq: 26 Dec 2018 18:42

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD01

Tgt Ion: 97 Resp: 115473

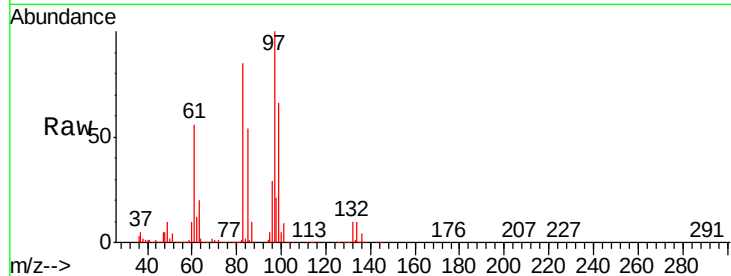
Ion Ratio Lower Upper

97 100

83 85.2 66.6 99.8

85 54.1 42.7 64.1

99 66.0 50.8 76.2

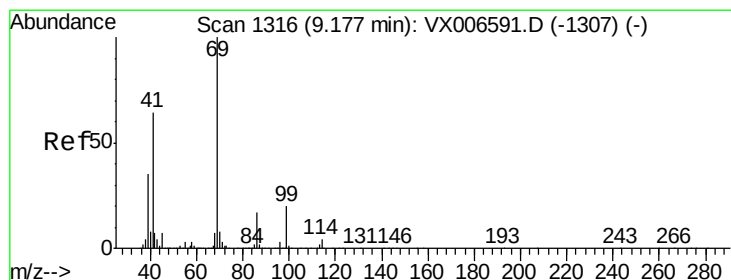
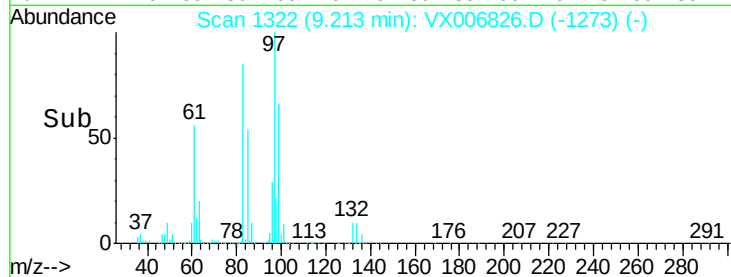
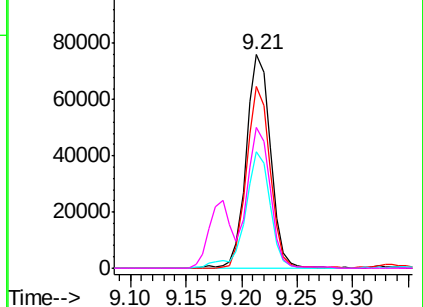


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 21.079 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX006826.D

Acq: 26 Dec 2018 18:42

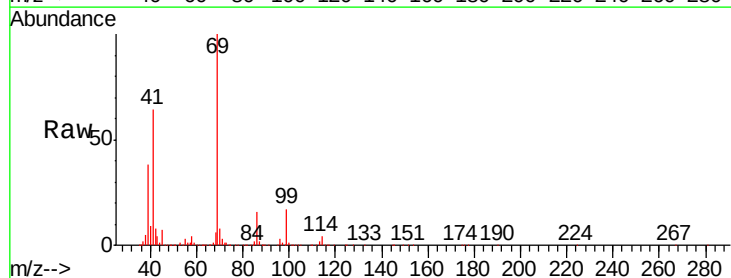
Tgt Ion: 69 Resp: 174749

Ion Ratio Lower Upper

69 100

41 62.4 48.7 73.1

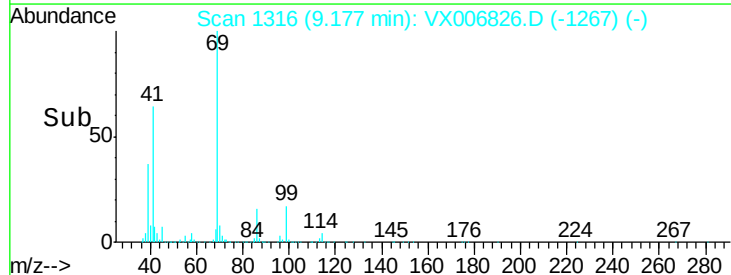
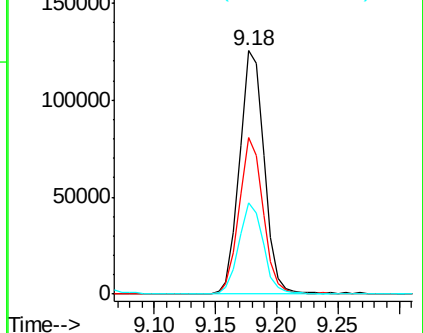
39 36.6 27.0 40.6

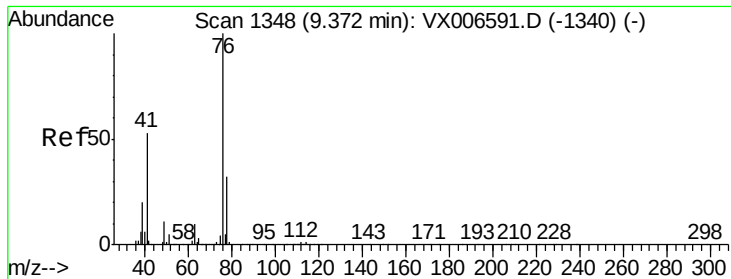


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.744 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006826.D

Acq: 26 Dec 2018 18:42

Instrument :

MSVOA_X

ClientSampled :

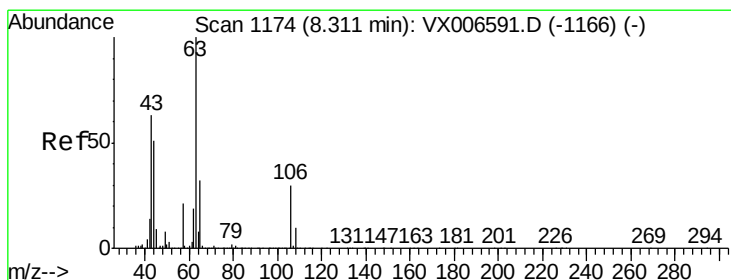
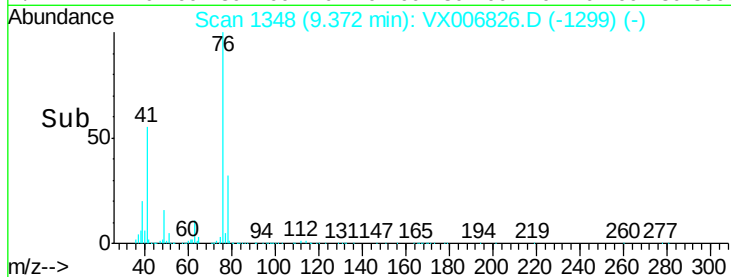
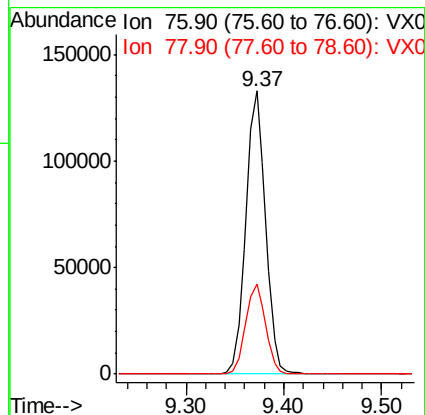
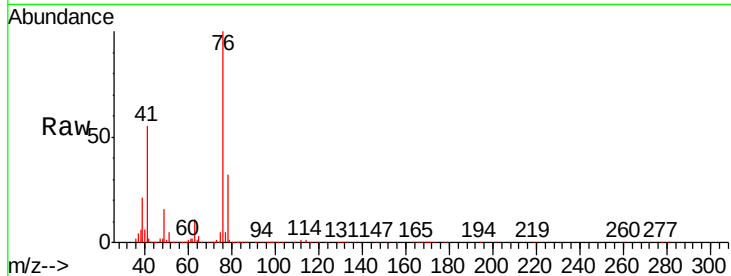
VX1226WBSD01

Tgt Ion: 76 Resp: 186327

Ion Ratio Lower Upper

76 100

78 32.4 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 102.217 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006826.D

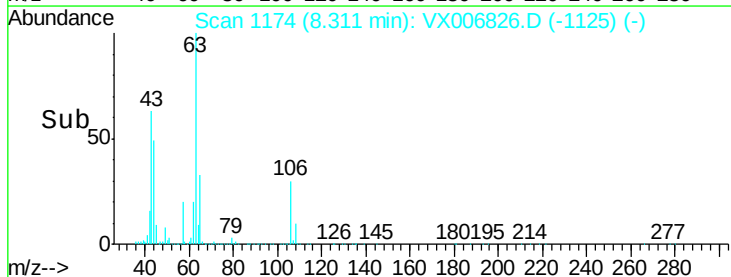
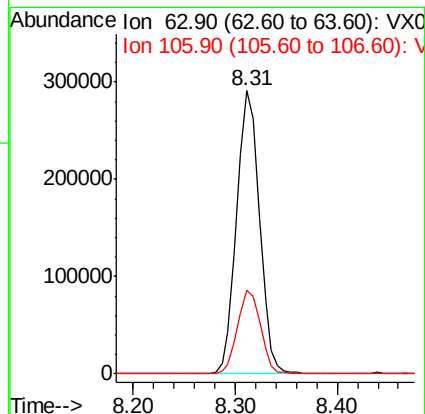
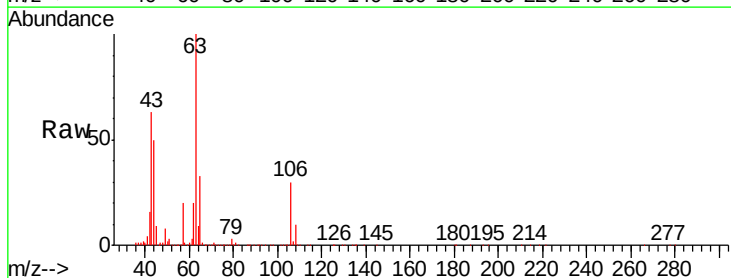
Acq: 26 Dec 2018 18:42

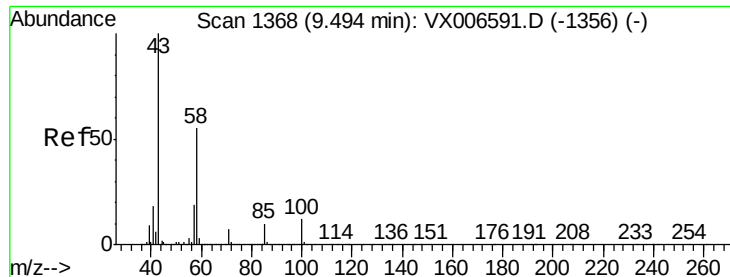
Tgt Ion: 63 Resp: 450449

Ion Ratio Lower Upper

63 100

106 29.9 24.6 36.8

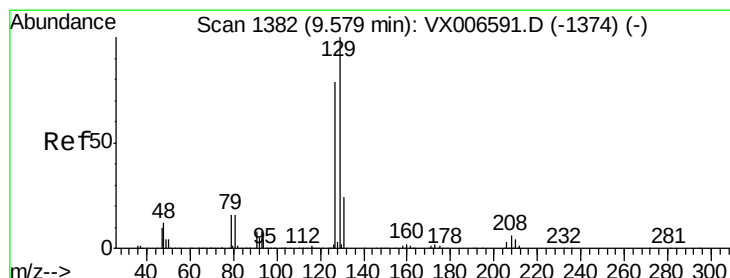
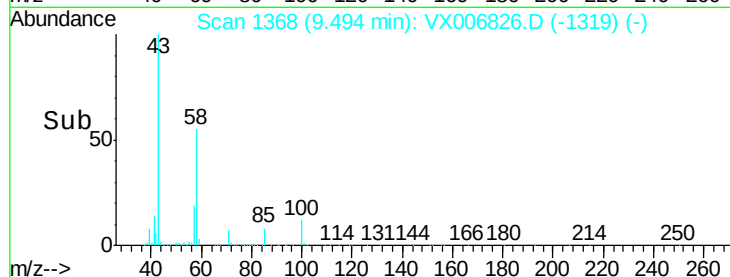
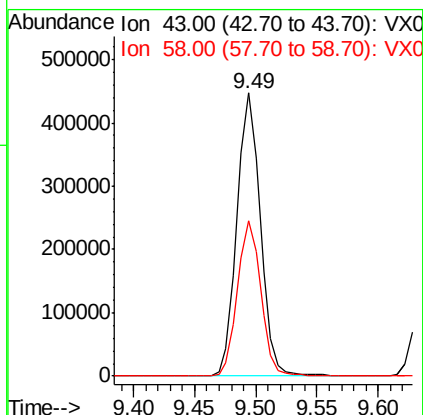
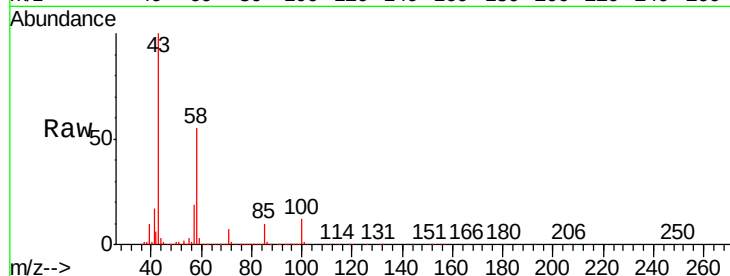




#59
2-Hexanone
Concen: 104.961 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006826.D
Acq: 26 Dec 2018 18:42

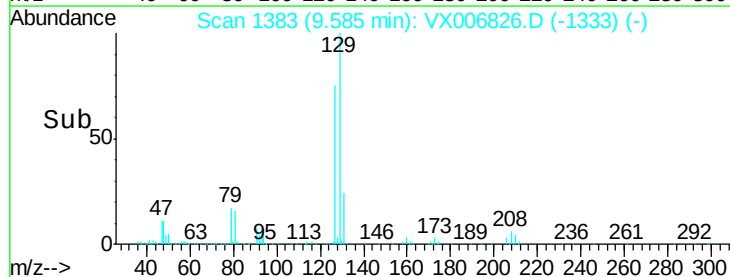
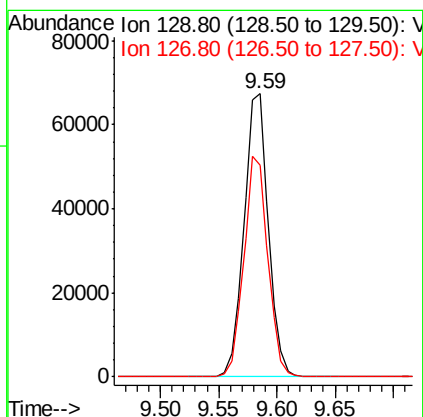
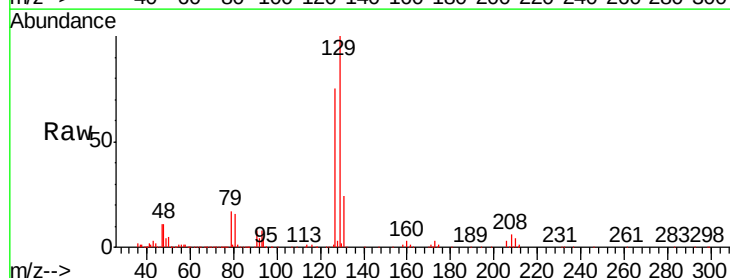
Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD01

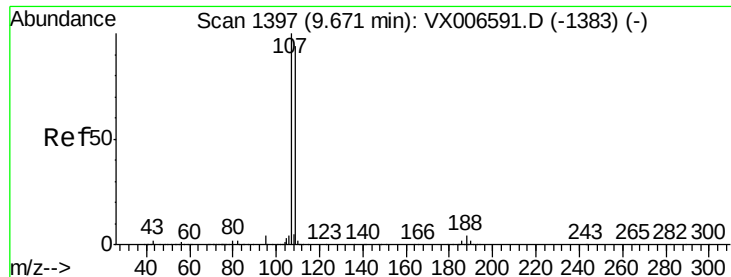
Tgt Ion: 43 Resp: 590495
Ion Ratio Lower Upper
43 100
58 55.3 27.7 83.1



#60
Dibromochloromethane
Concen: 17.625 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006826.D
Acq: 26 Dec 2018 18:42

Tgt Ion: 129 Resp: 98439
Ion Ratio Lower Upper
129 100
127 77.1 39.3 117.8





#61

1,2-Dibromoethane

Concen: 19.004 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006826.D

Acq: 26 Dec 2018 18:42

Instrument :

MSVOA_X

ClientSampleId :

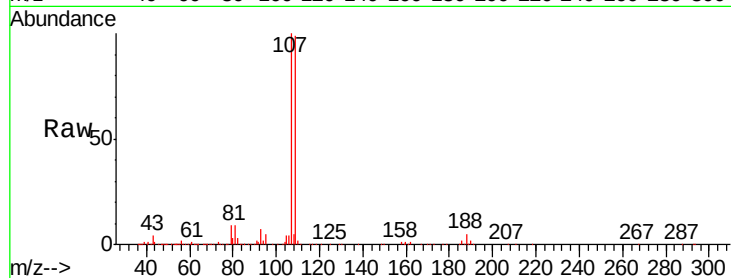
VX1226WBSD01

Tgt Ion: 107 Resp: 118492

Ion Ratio Lower Upper

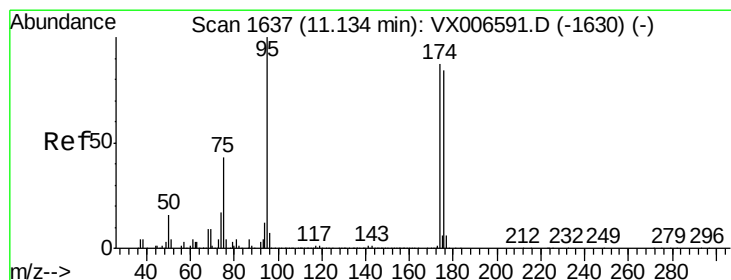
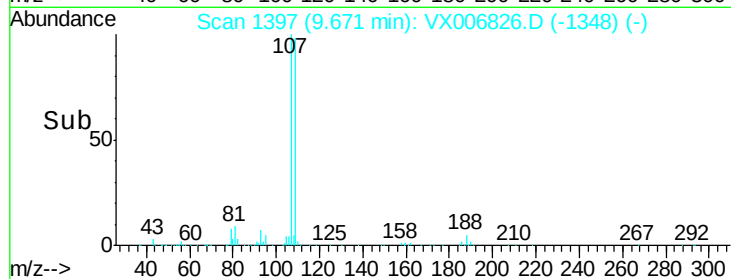
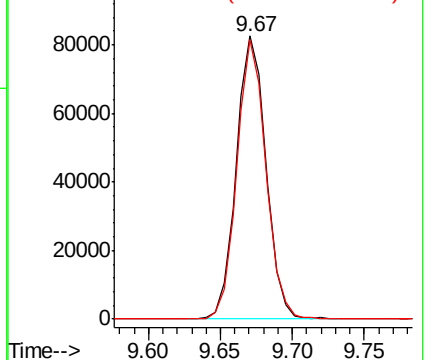
107 100

109 96.2 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: 46.316 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006826.D

Acq: 26 Dec 2018 18:42

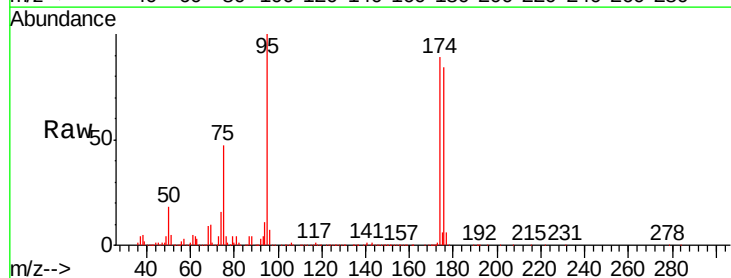
Tgt Ion: 95 Resp: 356314

Ion Ratio Lower Upper

95 100

174 93.5 0.0 182.2

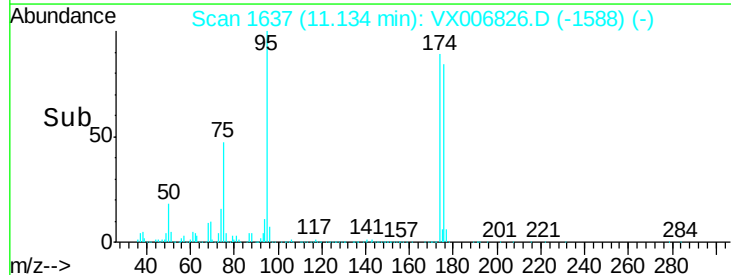
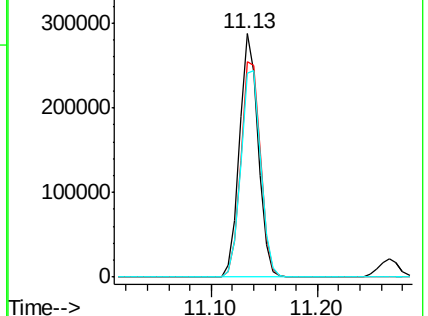
176 90.3 0.0 178.8

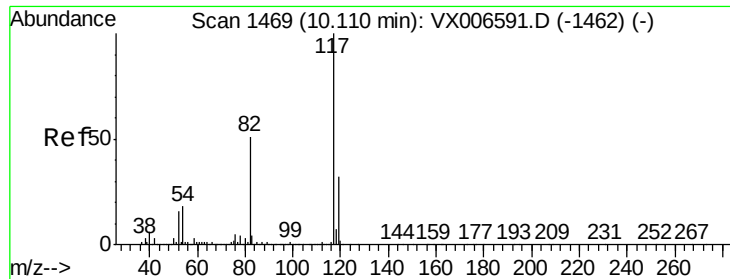


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

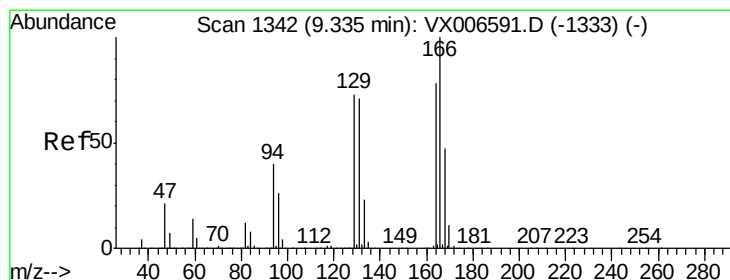
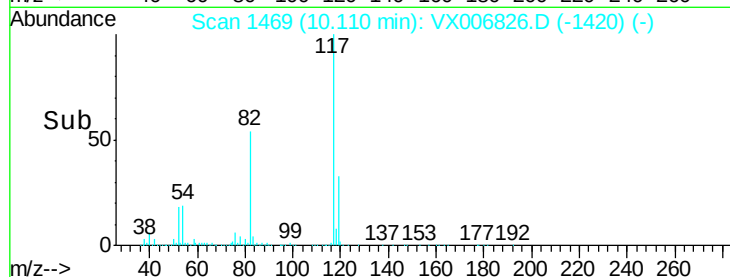
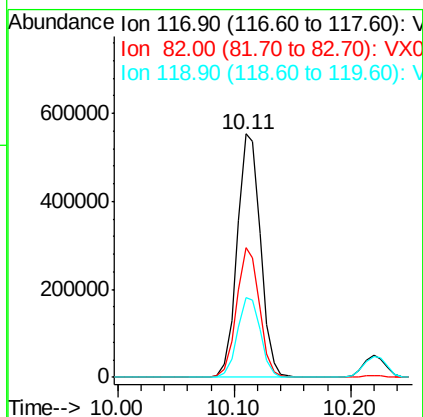
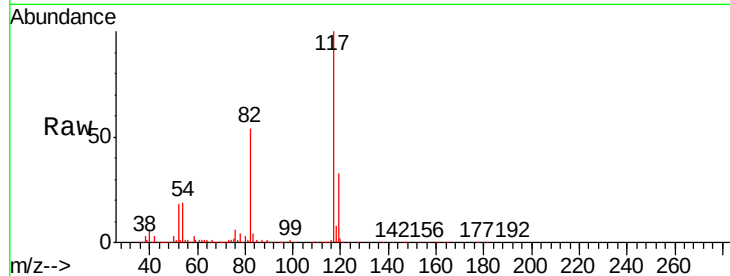




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX006826.D
Acq: 26 Dec 2018 18:42

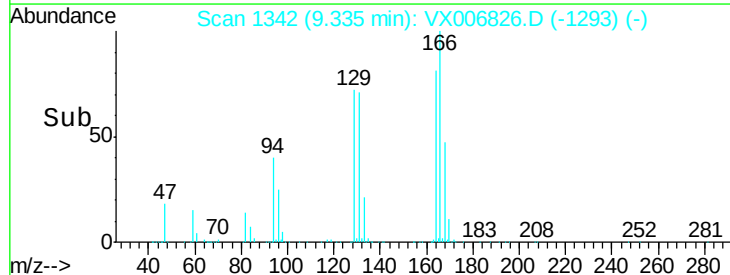
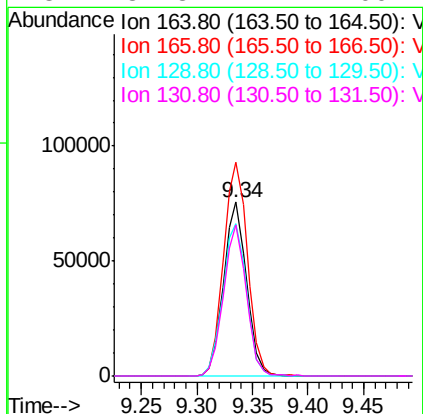
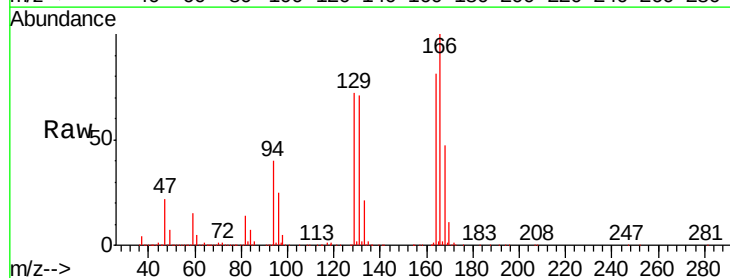
Instrument :
MSVOA_X
ClientSampled :
VX1226WBSD01

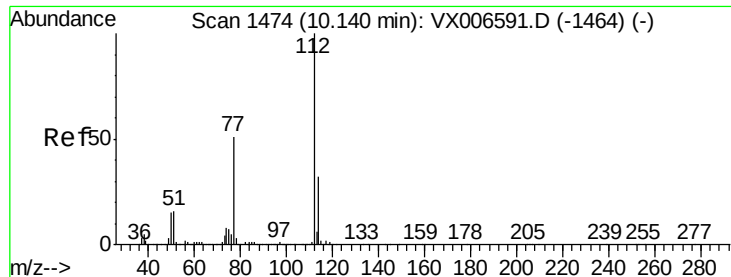
Tgt Ion:117 Resp: 770250
Ion Ratio Lower Upper
117 100
82 53.5 41.0 61.6
119 32.6 25.4 38.0



#64
Tetrachloroethene
Concen: 17.671 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006826.D
Acq: 26 Dec 2018 18:42

Tgt Ion:164 Resp: 107777
Ion Ratio Lower Upper
164 100
166 123.0 102.5 153.7
129 88.0 75.1 112.7
131 87.3 72.7 109.1

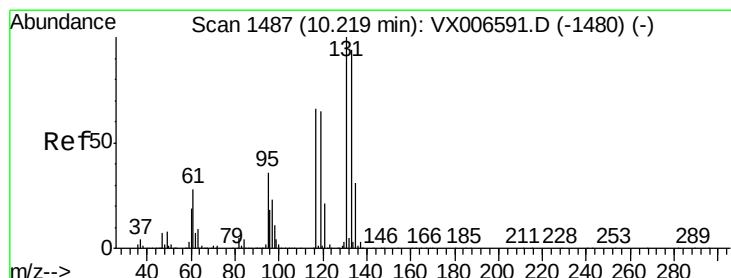
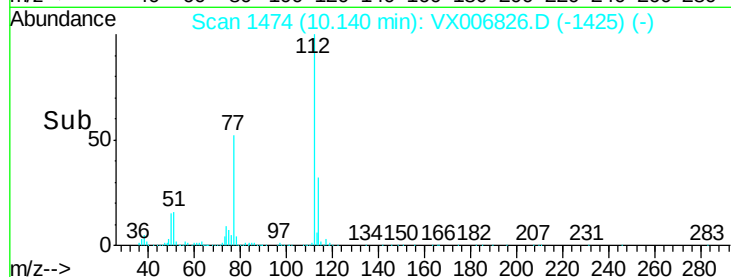
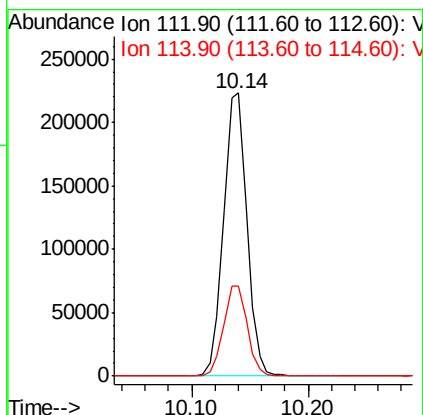
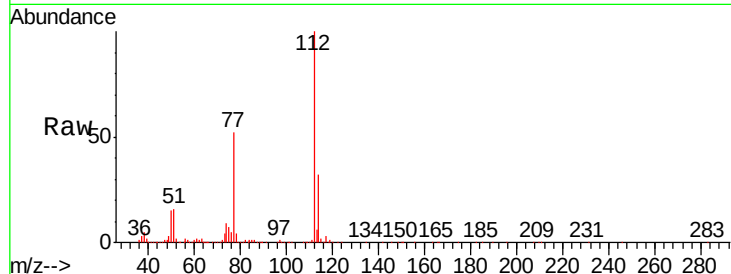




#65
Chlorobenzene
Concen: 19.002 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006826.D
Acq: 26 Dec 2018 18:42

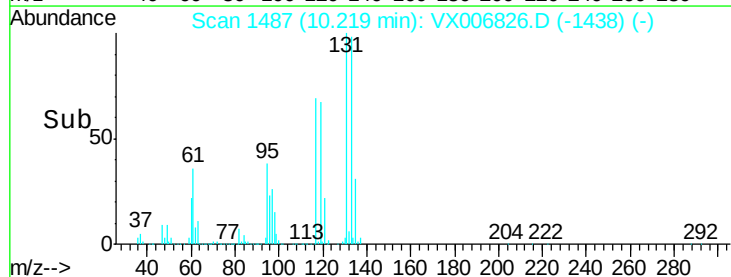
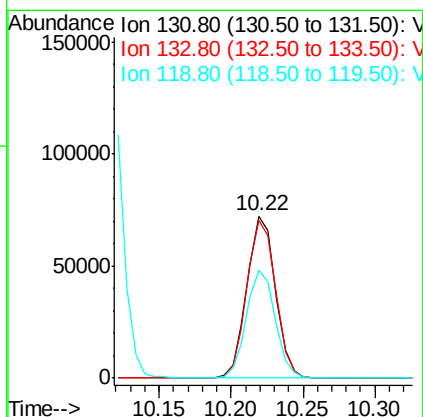
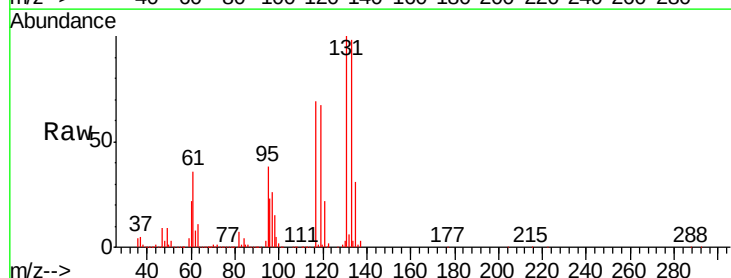
Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD01

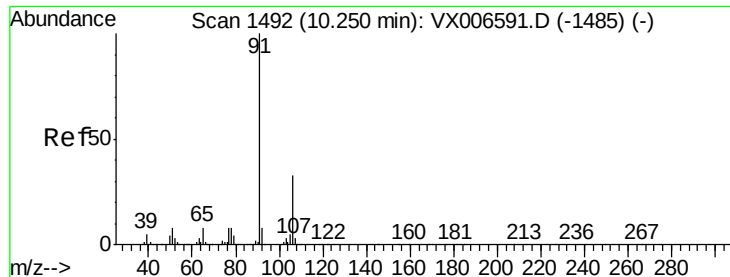
Tgt Ion:112 Resp: 309641
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.443 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006826.D
Acq: 26 Dec 2018 18:42

Tgt Ion:131 Resp: 98852
Ion Ratio Lower Upper
131 100
133 98.6 48.0 144.2
119 67.7 32.6 97.8





#67

Ethyl Benzene

Concen: 18.441 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006826.D

Acq: 26 Dec 2018 18:42

Instrument :

MSVOA_X

ClientSampleId :

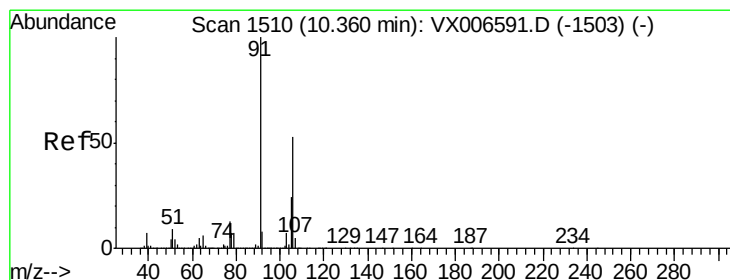
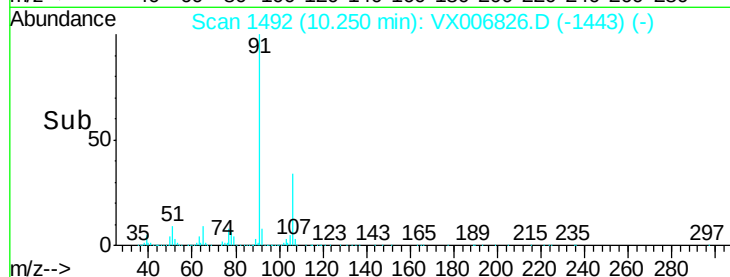
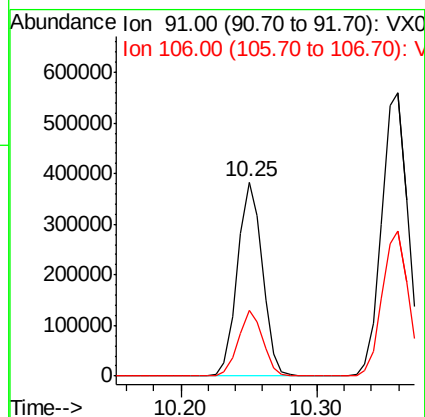
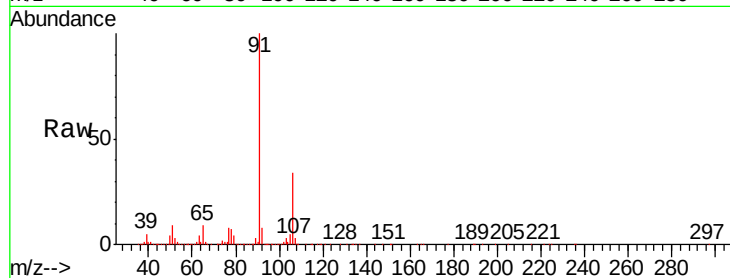
VX1226WBSD01

Tgt Ion: 91 Resp: 491029

Ion Ratio Lower Upper

91 100

106 34.0 26.4 39.6



#68

m/p-Xylenes

Concen: 36.490 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006826.D

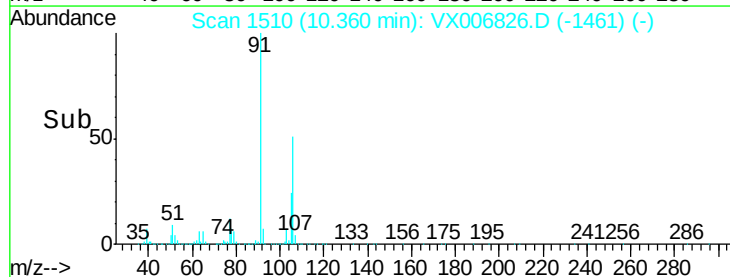
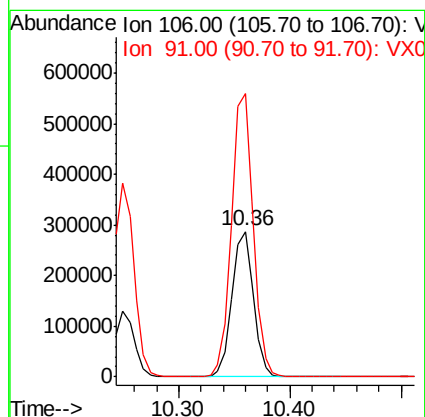
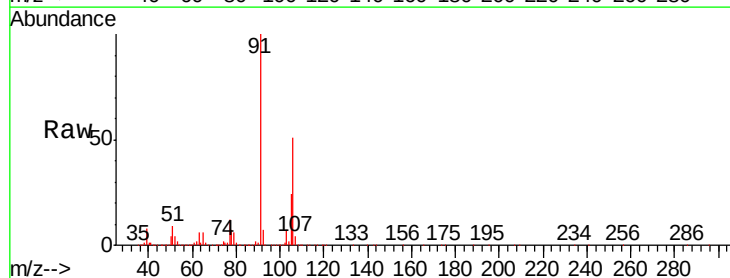
Acq: 26 Dec 2018 18:42

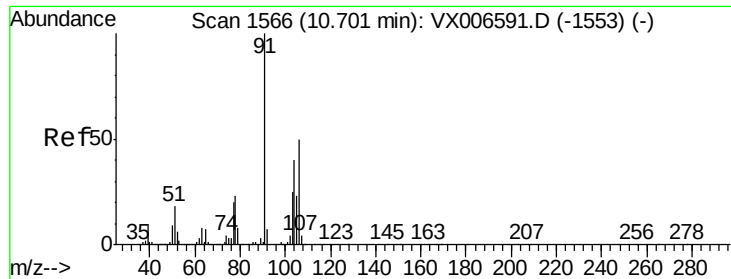
Tgt Ion: 106 Resp: 383405

Ion Ratio Lower Upper

106 100

91 196.3 155.8 233.6

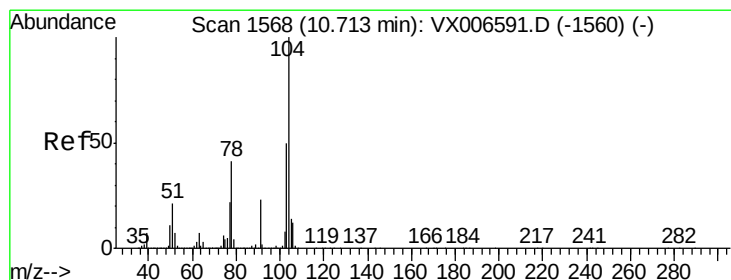
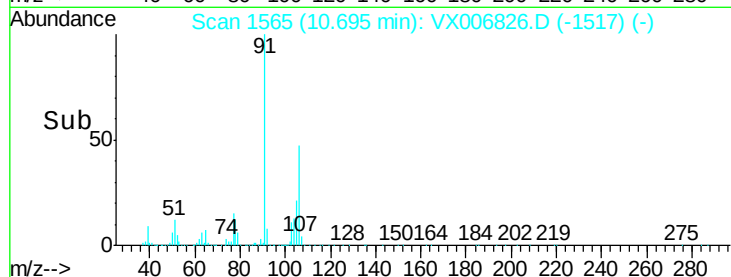
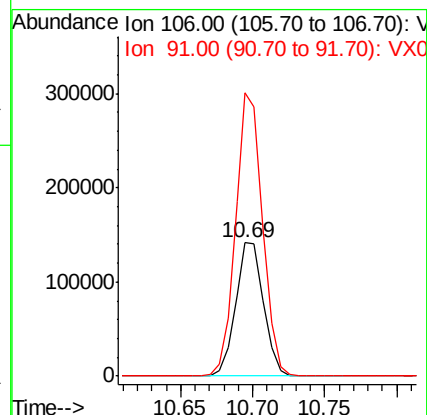
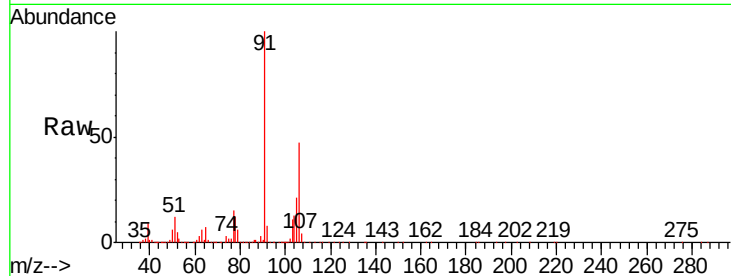




#69
o-Xylene
Concen: 18.484 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006826.D
Acq: 26 Dec 2018 18:42

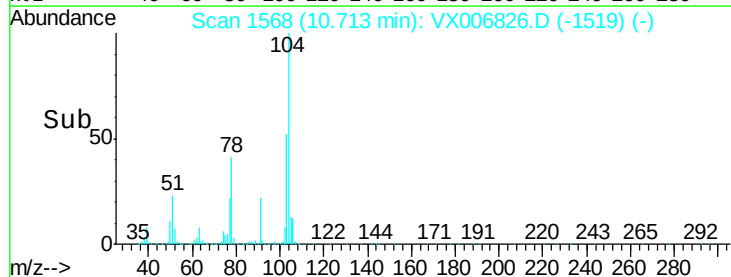
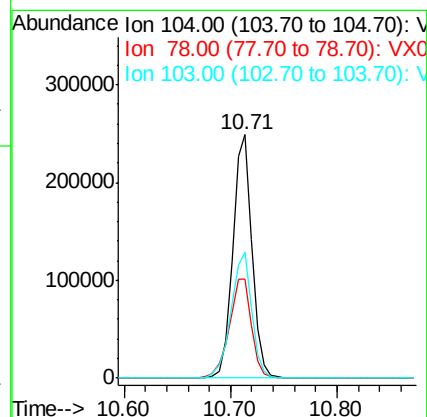
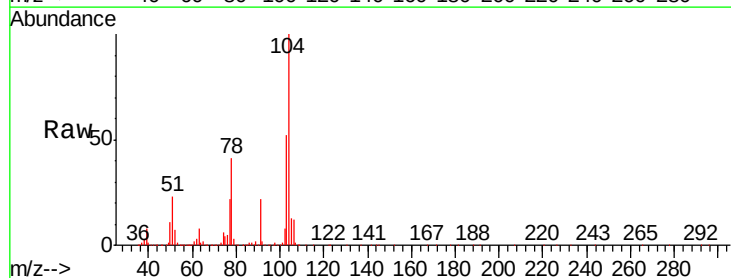
Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD01

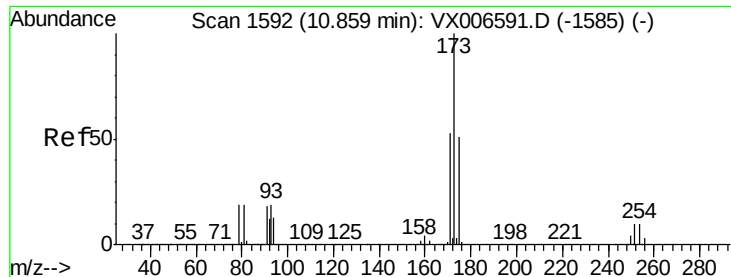
Tgt Ion:106 Resp: 191783
Ion Ratio Lower Upper
106 100
91 205.1 101.3 303.7



#70
Styrene
Concen: 19.106 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006826.D
Acq: 26 Dec 2018 18:42

Tgt Ion:104 Resp: 313622
Ion Ratio Lower Upper
104 100
78 47.2 37.7 56.5
103 56.3 43.8 65.8

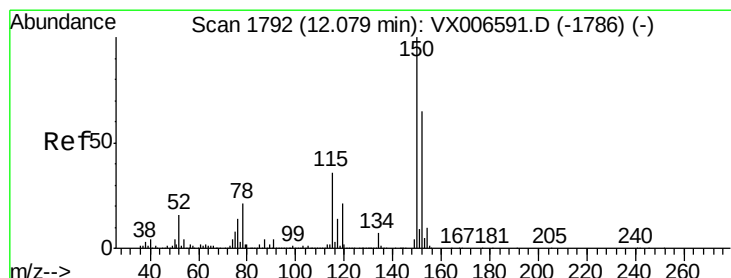
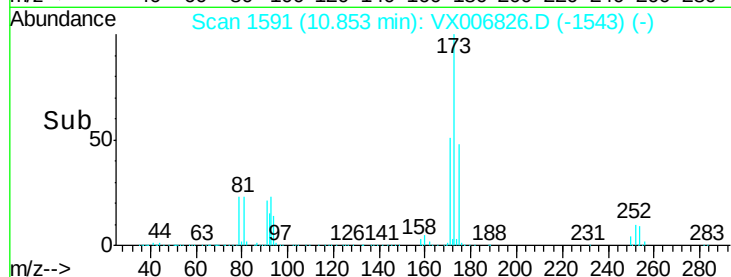
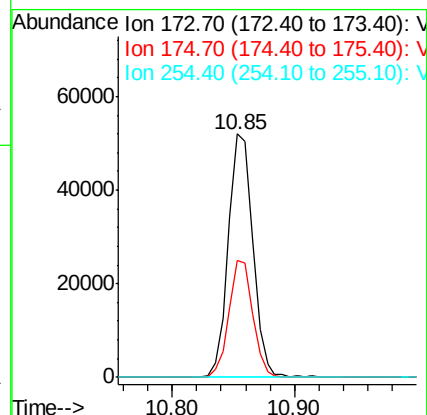
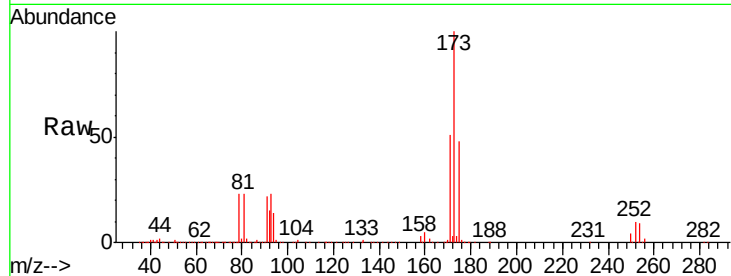




#71
Bromoform
Concen: 18.819 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VX006826.D
Acq: 26 Dec 2018 18:42

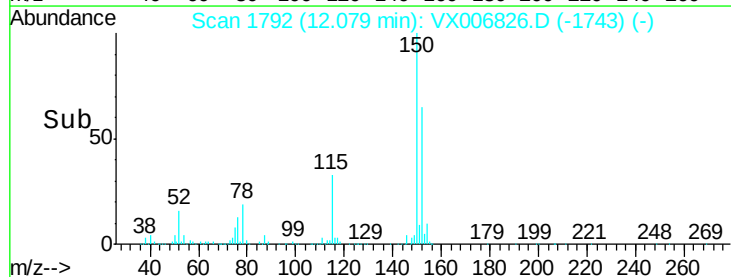
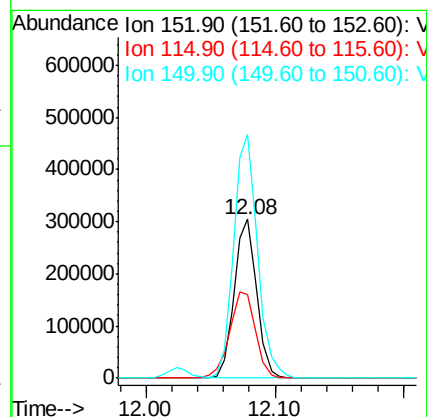
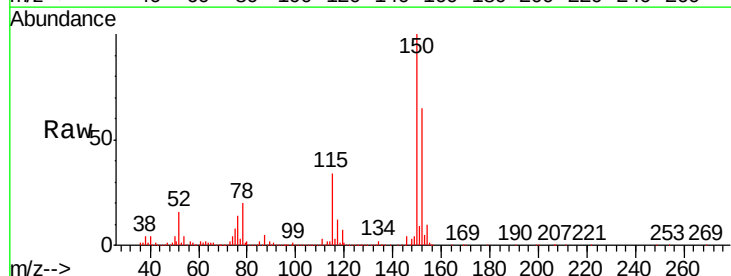
Instrument :
MSVOA_X
ClientSampled :
VX1226WBSD01

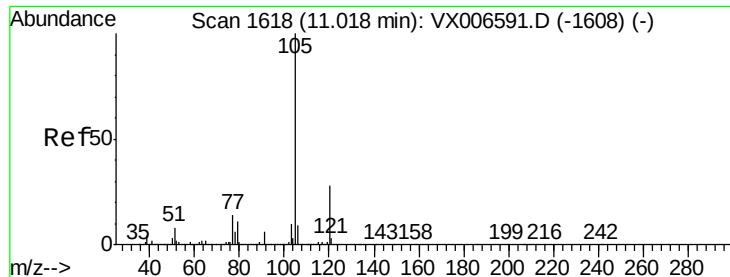
Tgt Ion:173 Resp: 72299
Ion Ratio Lower Upper
173 100
175 47.0 24.7 74.1
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006826.D
Acq: 26 Dec 2018 18:42

Tgt Ion:152 Resp: 372309
Ion Ratio Lower Upper
152 100
115 63.0 39.1 117.2
150 163.0 0.0 344.8





#73

Isopropylbenzene

Concen: 18.922 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006826.D

Acq: 26 Dec 2018 18:42

Instrument :

MSVOA_X

ClientSampleId :

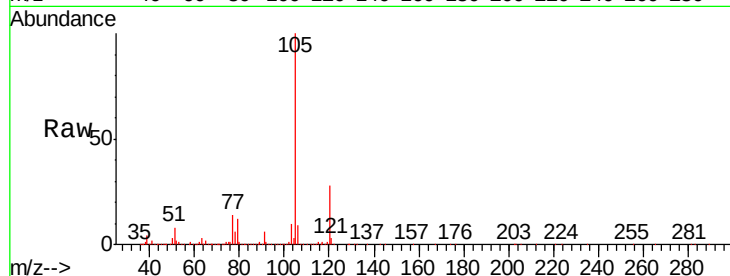
VX1226WBSD01

Tgt Ion: 105 Resp: 481955

Ion Ratio Lower Upper

105 100

120 27.6 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

400000

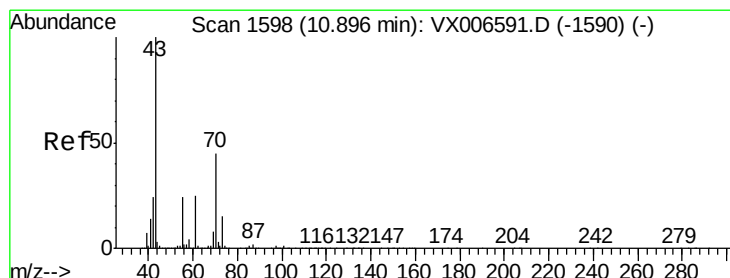
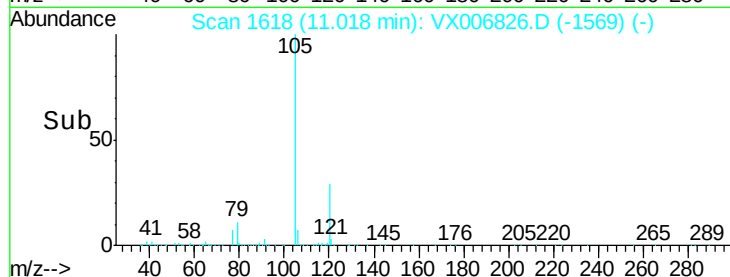
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 24.114 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006826.D

Acq: 26 Dec 2018 18:42

Tgt Ion: 43 Resp: 219849

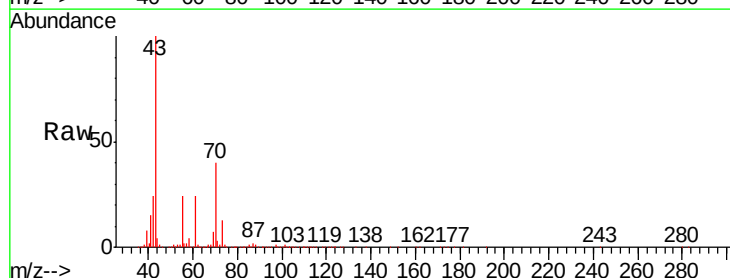
Ion Ratio Lower Upper

43 100

70 42.7 35.8 53.8

55 23.9 19.4 29.0

61 24.7 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

300000

250000

200000

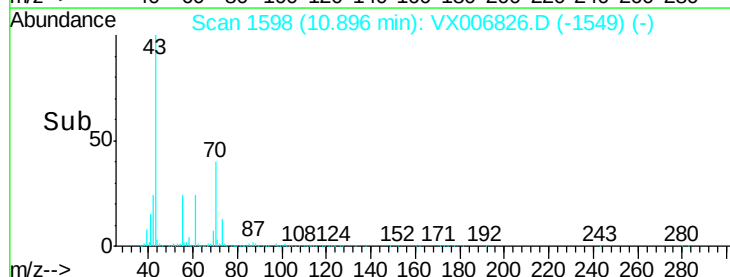
150000

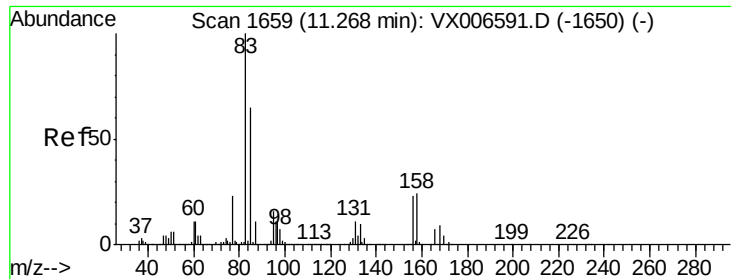
100000

50000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 22.534 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006826.D

Acq: 26 Dec 2018 18:42

Instrument :

MSVOA_X

ClientSampled :

VX1226WBSD01

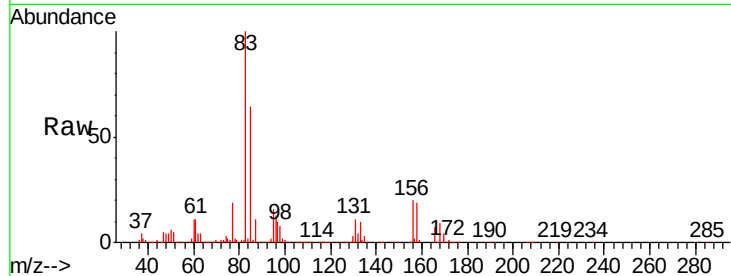
Tgt Ion: 83 Resp: 170695

Ion Ratio Lower Upper

83 100

131 11.4 5.7 17.1

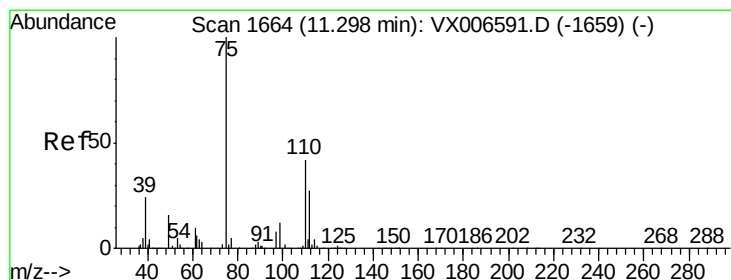
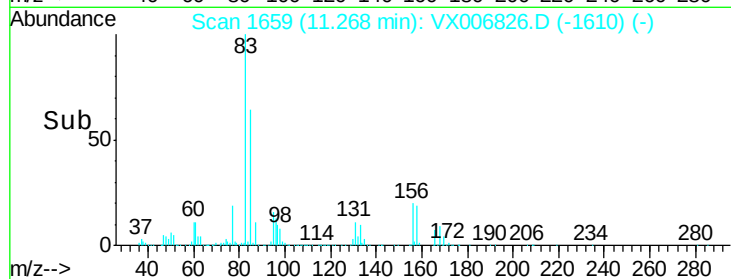
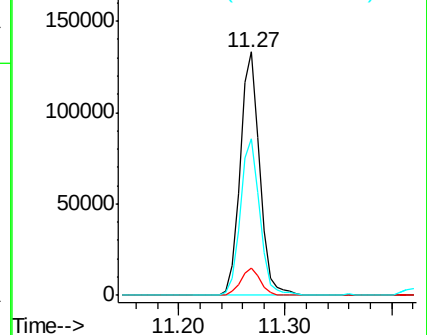
85 64.5 32.2 96.6



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: 25.569 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX006826.D

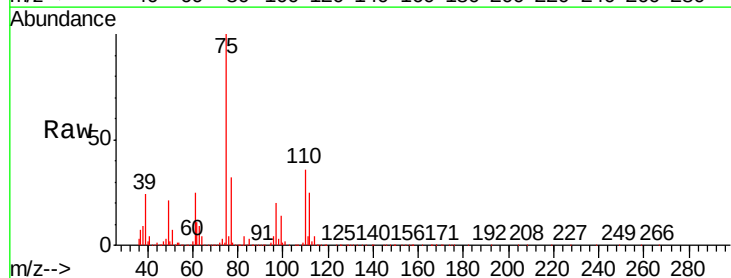
Acq: 26 Dec 2018 18:42

Tgt Ion: 75 Resp: 176914

Ion Ratio Lower Upper

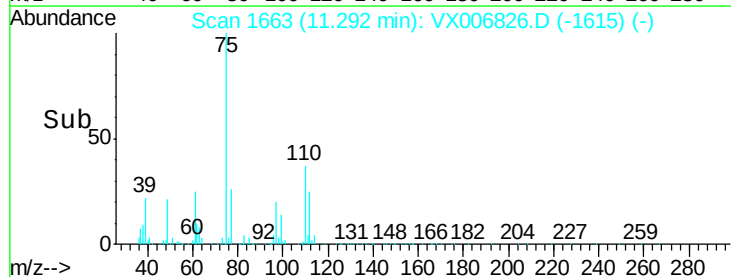
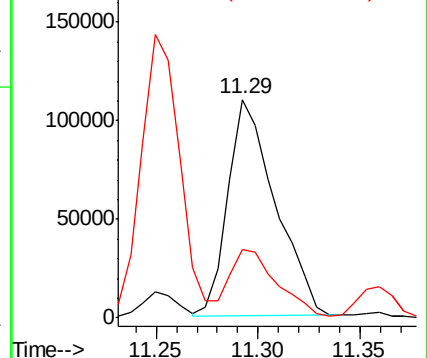
75 100

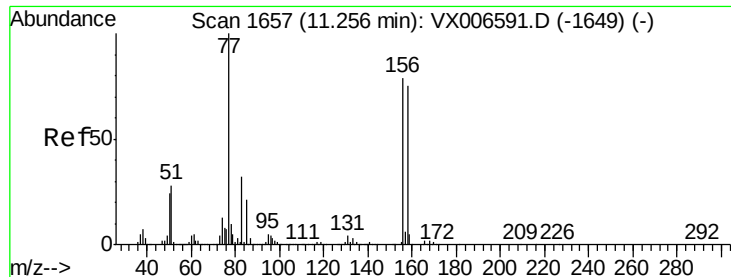
77 32.8 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.036 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006826.D

Acq: 26 Dec 2018 18:42

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD01

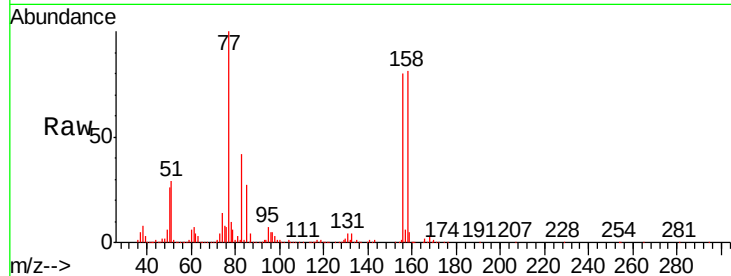
Tgt Ion:156 Resp: 137971

Ion Ratio Lower Upper

156 100

77 136.4 68.0 204.0

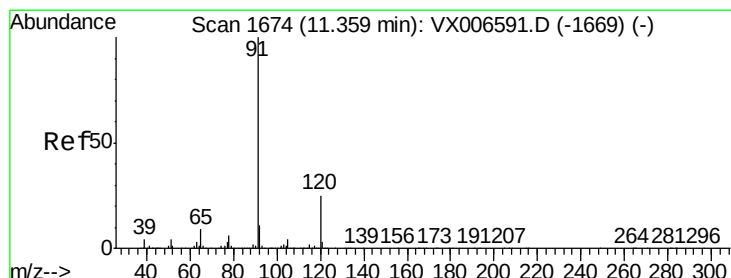
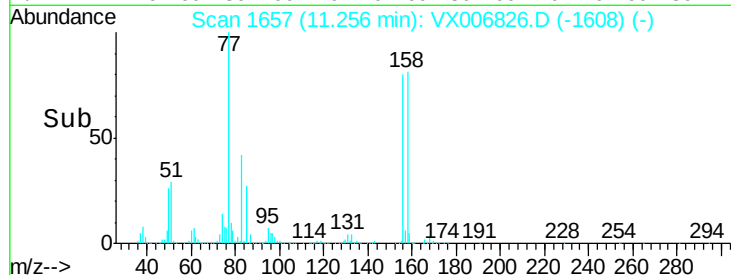
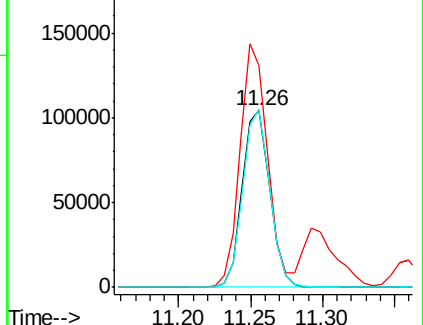
158 98.6 48.3 144.8



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: 18.583 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006826.D

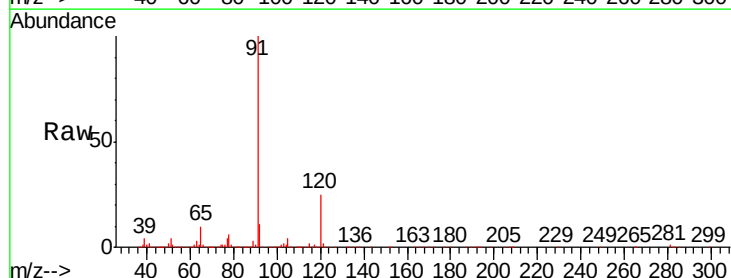
Acq: 26 Dec 2018 18:42

Tgt Ion: 91 Resp: 521220

Ion Ratio Lower Upper

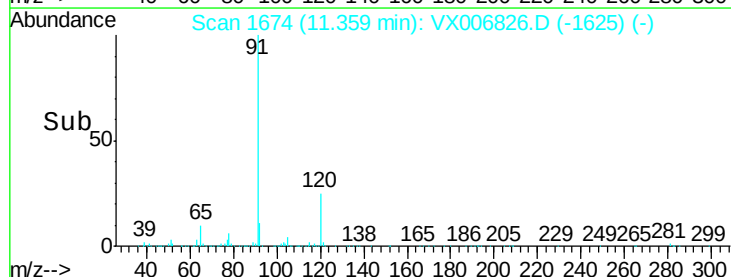
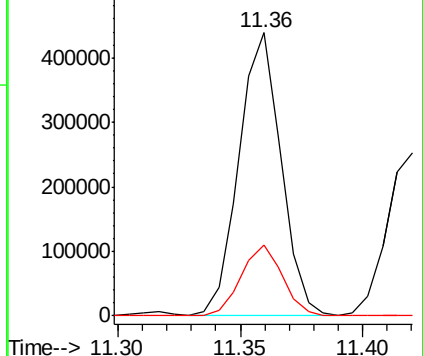
91 100

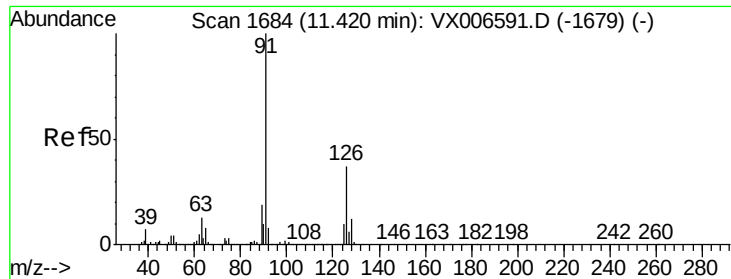
120 24.6 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.769 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006826.D

Acq: 26 Dec 2018 18:42

Instrument :

MSVOA_X

ClientSampleId :

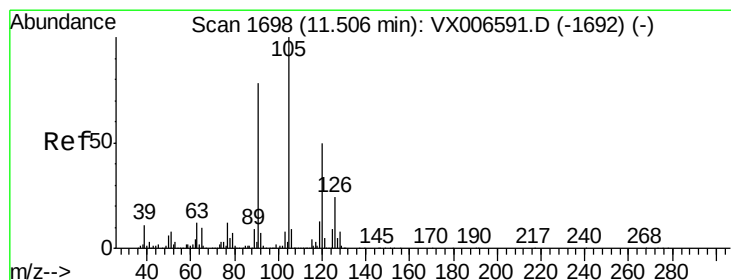
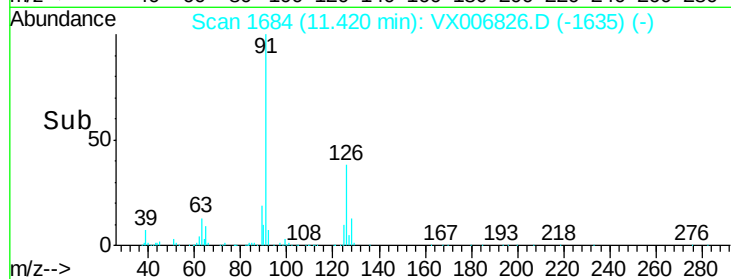
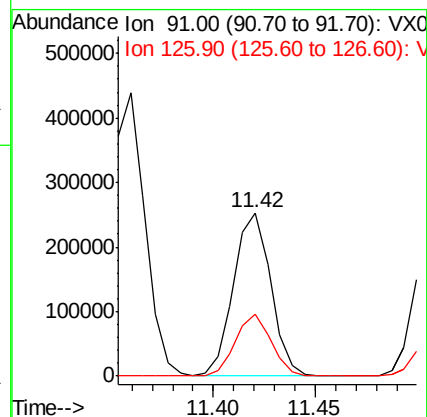
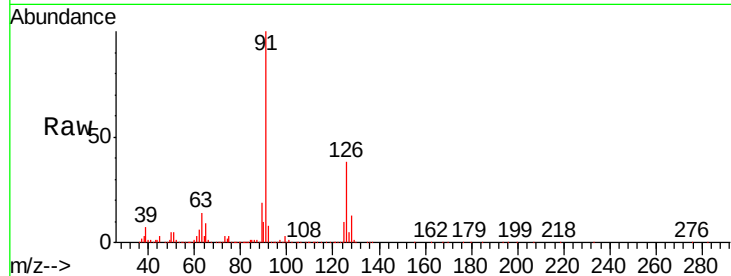
VX1226WBSD01

Tgt Ion: 91 Resp: 319016

Ion Ratio Lower Upper

91 100

126 37.0 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 18.147 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006826.D

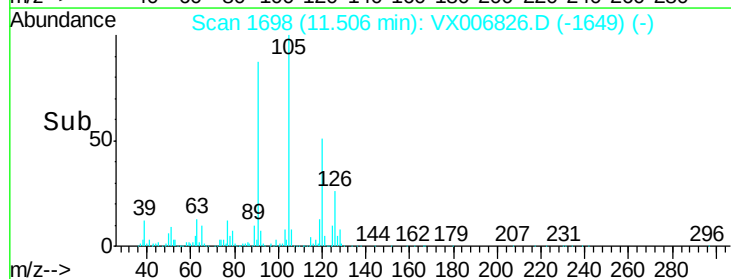
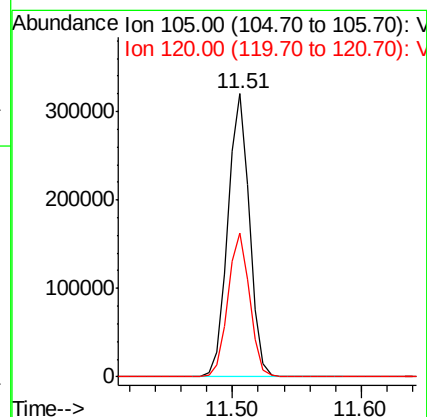
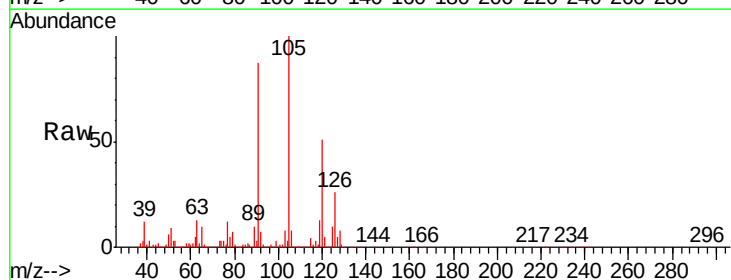
Acq: 26 Dec 2018 18:42

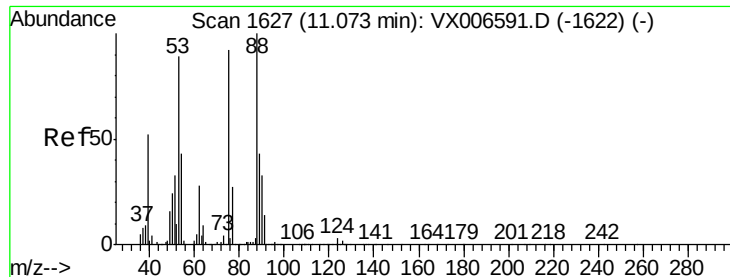
Tgt Ion: 105 Resp: 380699

Ion Ratio Lower Upper

105 100

120 50.9 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 18.212 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006826.D

Acq: 26 Dec 2018 18:42

Instrument :

MSVOA_X

ClientSampled :

VX1226WBSD01

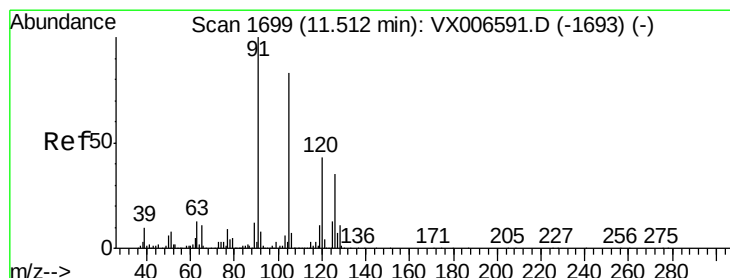
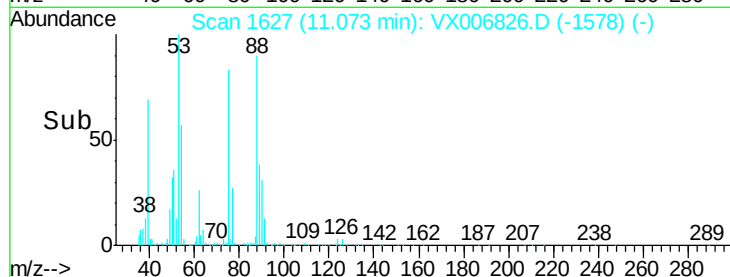
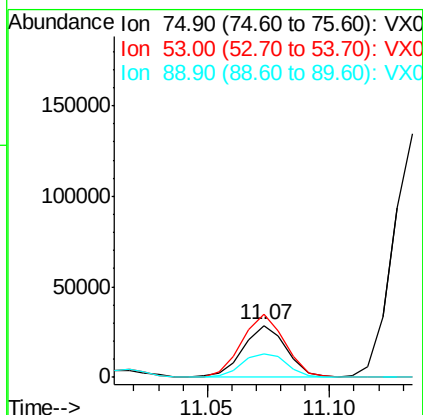
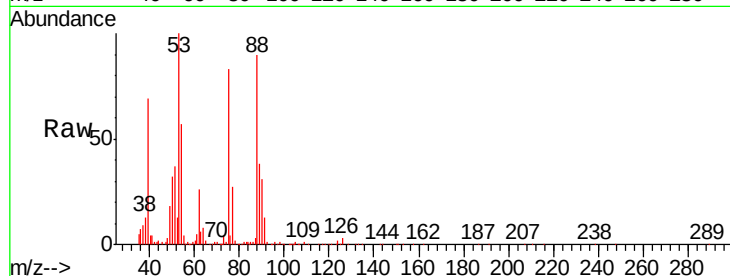
Tgt Ion: 75 Resp: 34722

Ion Ratio Lower Upper

75 100

53 122.8 79.7 119.5#

89 49.7 38.0 57.0



#82

4-Chlorotoluene

Concen: 19.211 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006826.D

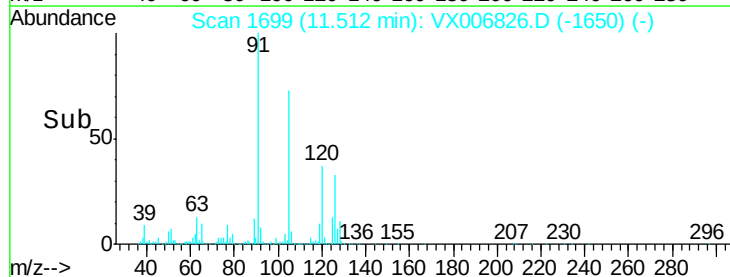
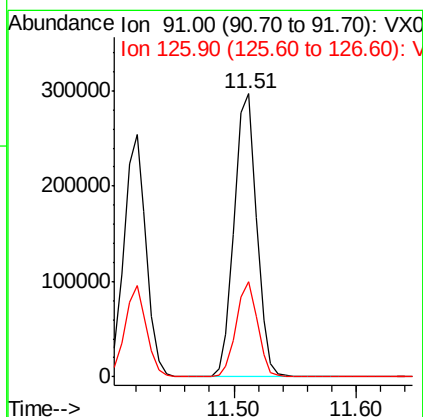
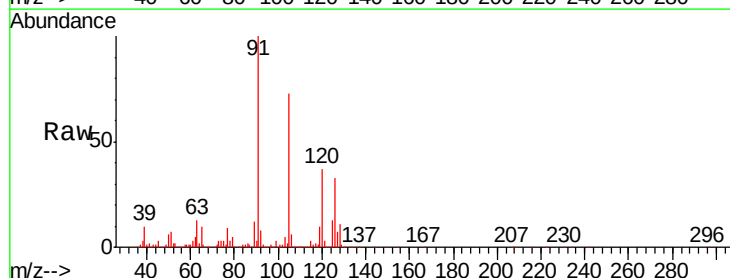
Acq: 26 Dec 2018 18:42

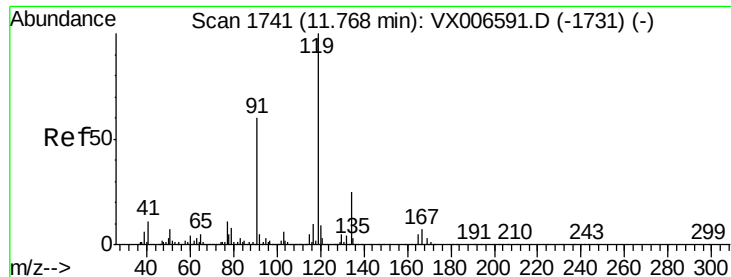
Tgt Ion: 91 Resp: 374569

Ion Ratio Lower Upper

91 100

126 32.4 16.3 48.9

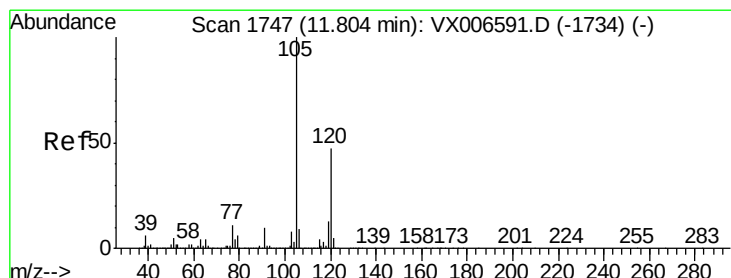
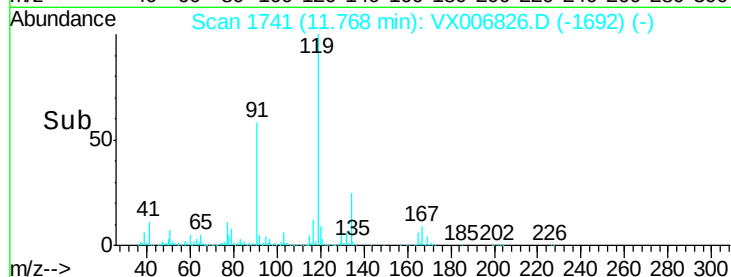
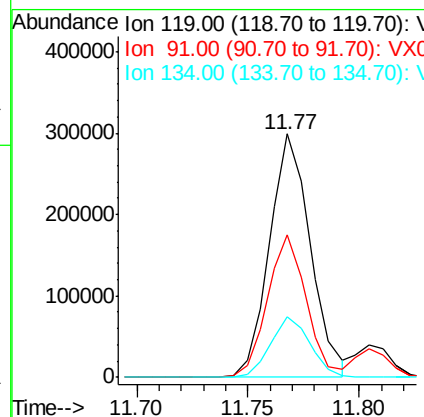
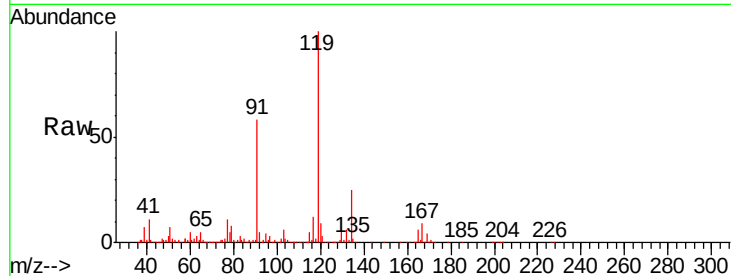




#83
 tert-Butylbenzene
 Concen: 18.146 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX006826.D
 Acq: 26 Dec 2018 18:42

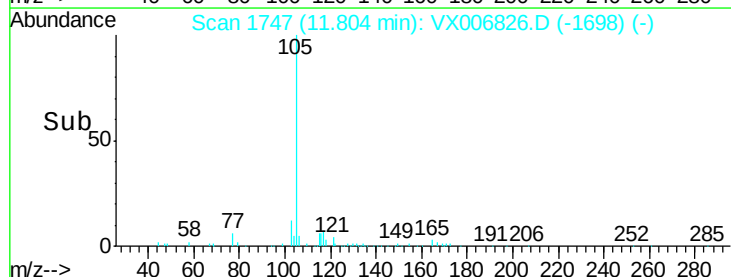
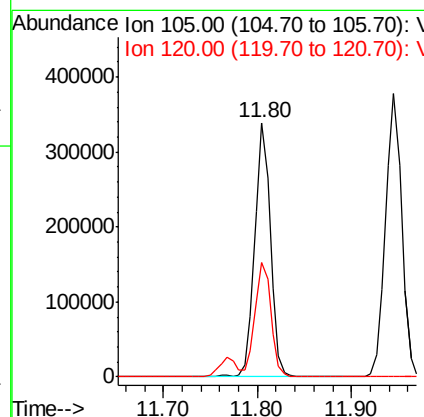
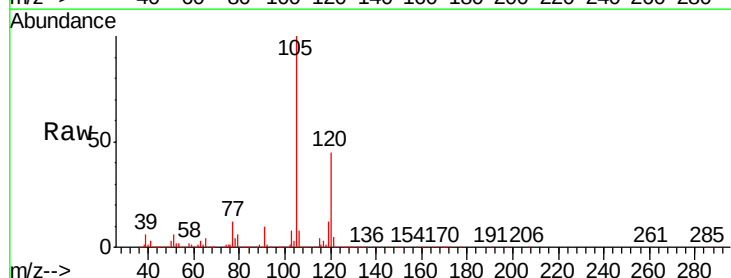
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBSD01

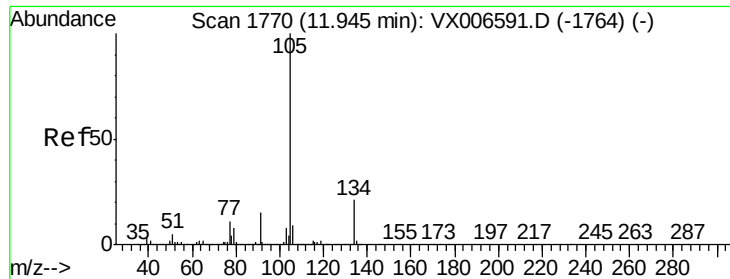
Tgt Ion:119 Resp: 381011
 Ion Ratio Lower Upper
 119 100
 91 55.6 27.7 83.1
 134 24.4 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 18.008 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006826.D
 Acq: 26 Dec 2018 18:42

Tgt Ion:105 Resp: 397364
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.2 69.6

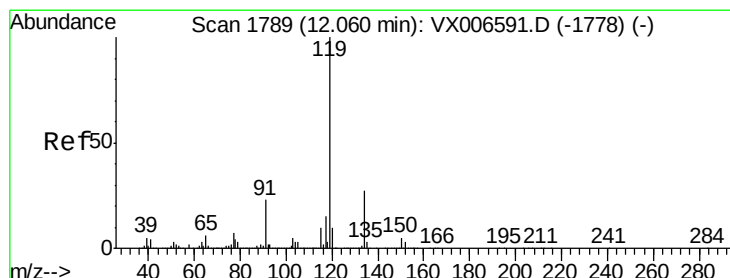
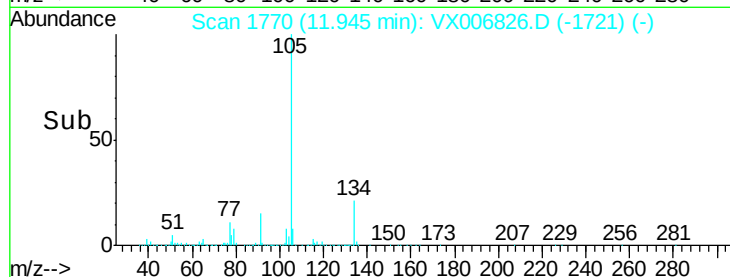
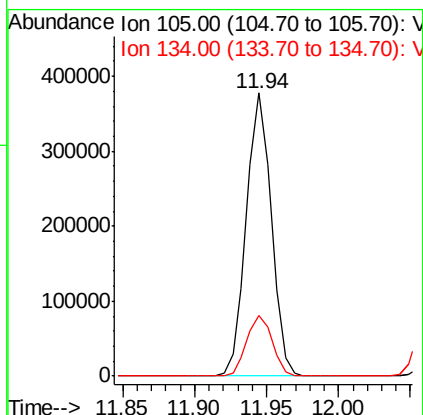
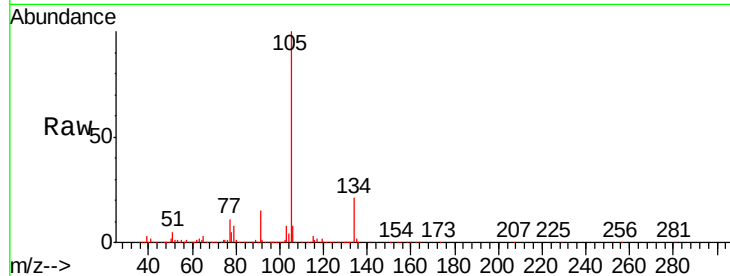




#85
 sec-Butylbenzene
 Concen: 17.606 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX006826.D
 Acq: 26 Dec 2018 18:42

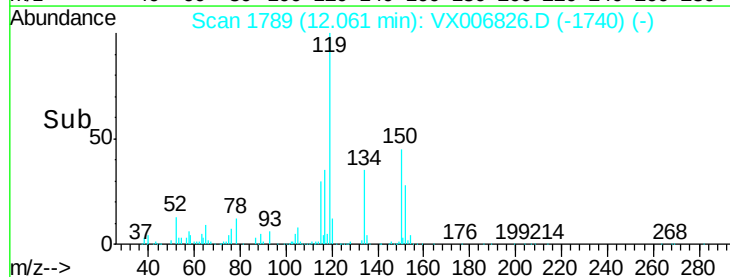
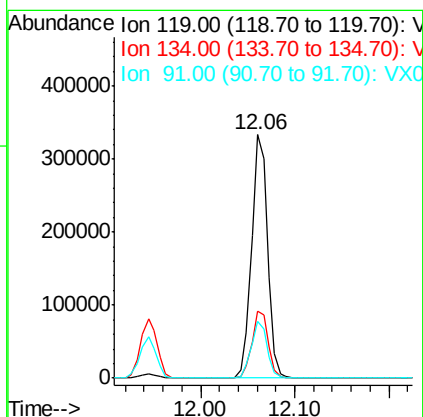
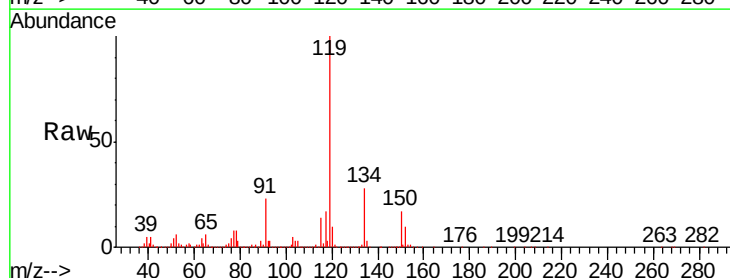
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBSD01

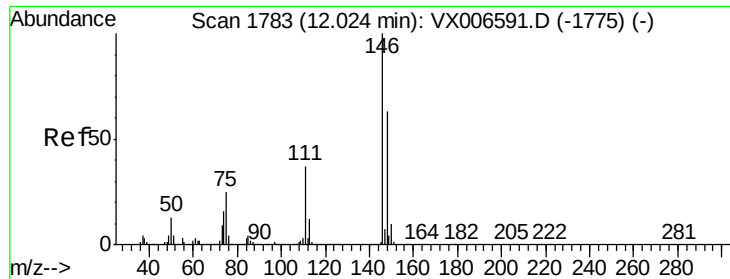
Tgt Ion:105 Resp: 453236
 Ion Ratio Lower Upper
 105 100
 134 22.0 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 17.580 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX006826.D
 Acq: 26 Dec 2018 18:42

Tgt Ion:119 Resp: 397818
 Ion Ratio Lower Upper
 119 100
 134 28.3 14.0 41.9
 91 23.0 11.3 33.9

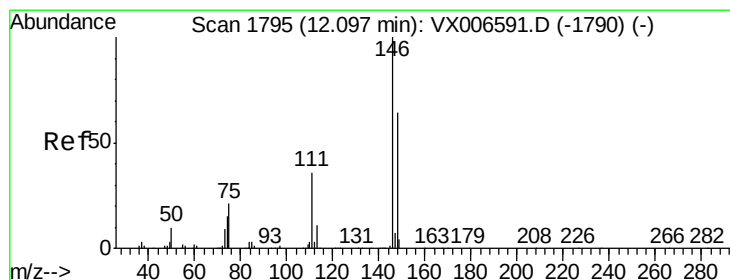
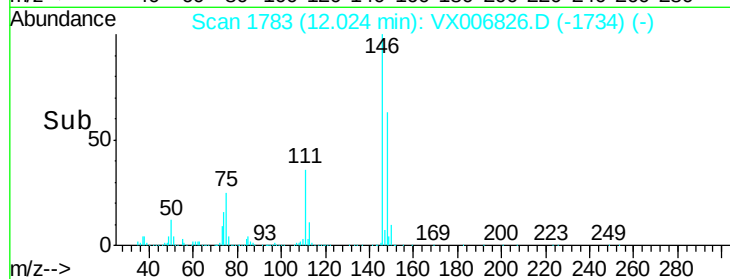
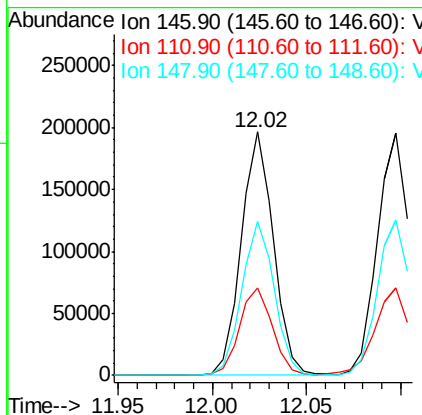
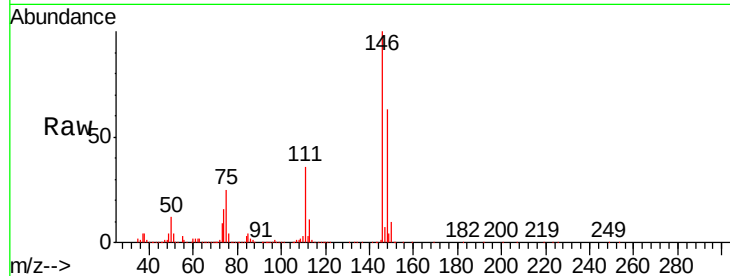




#87
 1,3-Dichlorobenzene
 Concen: 18.786 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006826.D
 Acq: 26 Dec 2018 18:42

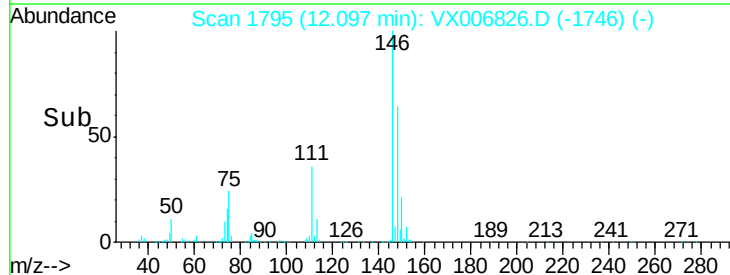
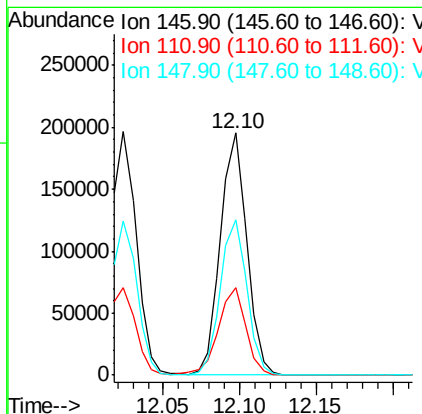
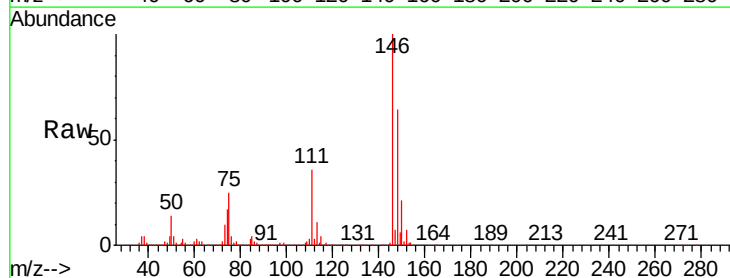
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBSD01

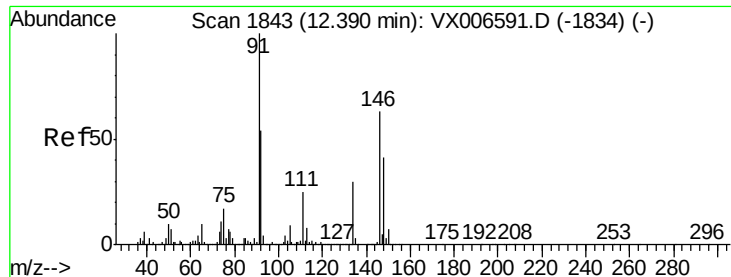
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.6	55.8
148	63.7	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 18.479 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006826.D
 Acq: 26 Dec 2018 18:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.1	54.1
148	64.4	31.9	95.9

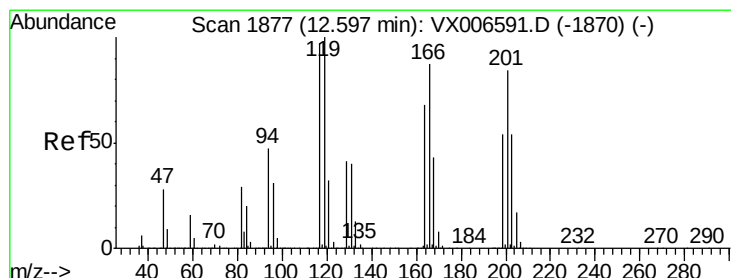
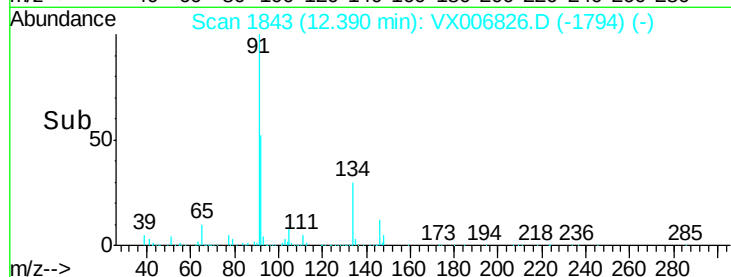
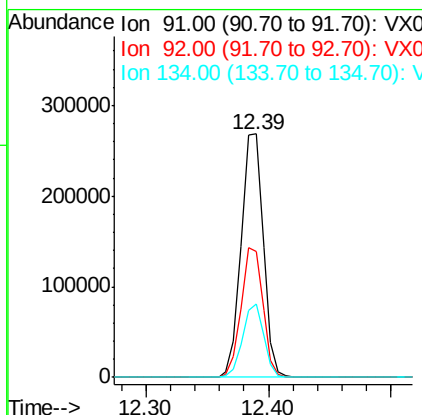
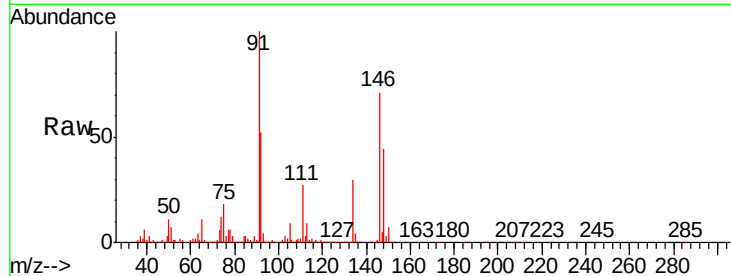




#89
n-Butylbenzene
Concen: 17.418 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006826.D
Acq: 26 Dec 2018 18:42

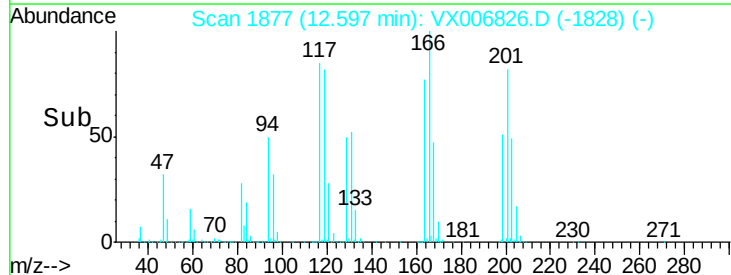
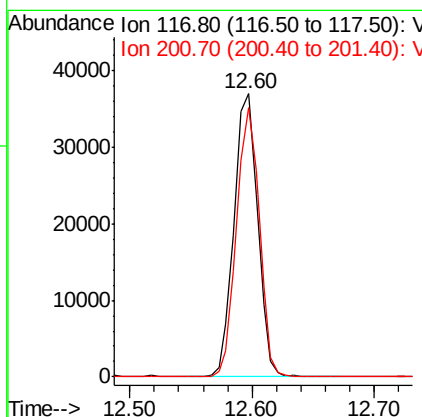
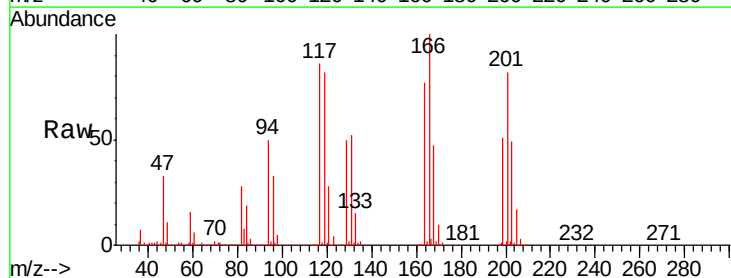
Instrument :
MSVOA_X
ClientSampled :
VX1226WBSD01

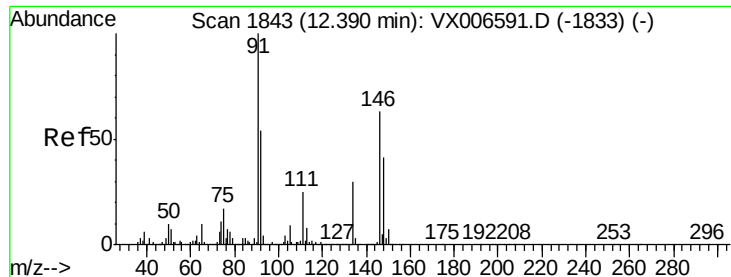
Tgt Ion: 91 Resp: 335438
Ion Ratio Lower Upper
91 100
92 52.5 26.8 80.4
134 28.9 14.4 43.2



#90
Hexachloroethane
Concen: 16.354 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006826.D
Acq: 26 Dec 2018 18:42

Tgt Ion: 117 Resp: 49516
Ion Ratio Lower Upper
117 100
201 91.4 42.9 128.7

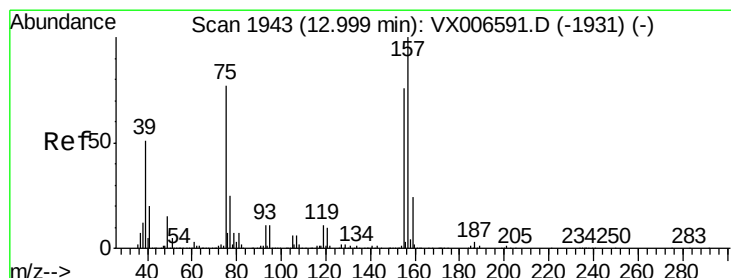
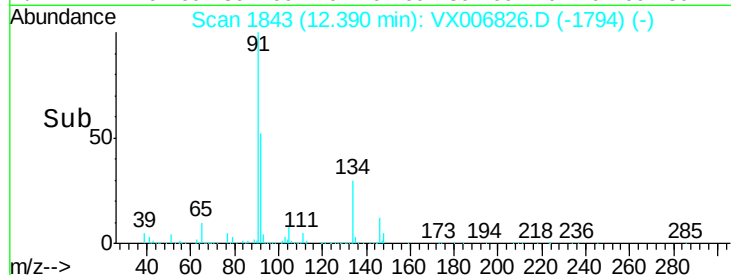
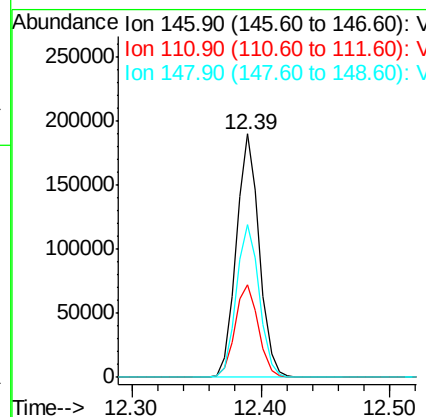
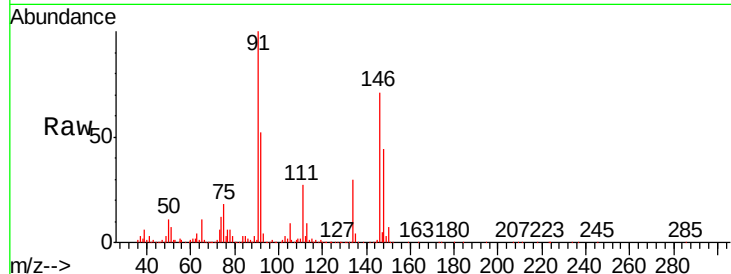




#91
 1,2-Dichlorobenzene
 Concen: 19.045 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006826.D
 Acq: 26 Dec 2018 18:42

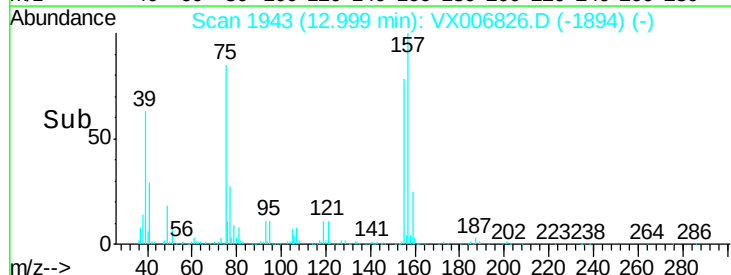
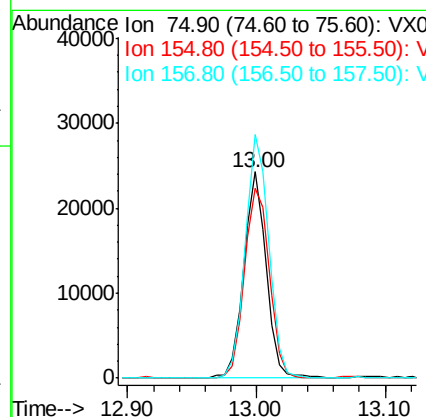
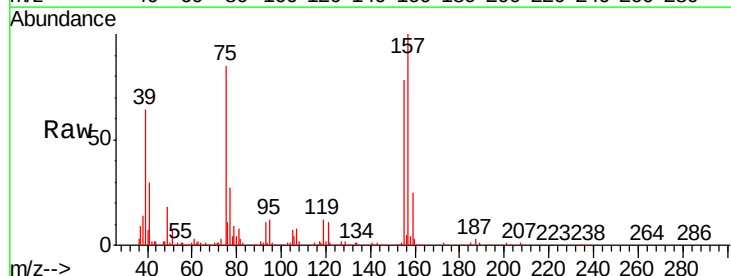
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBSD01

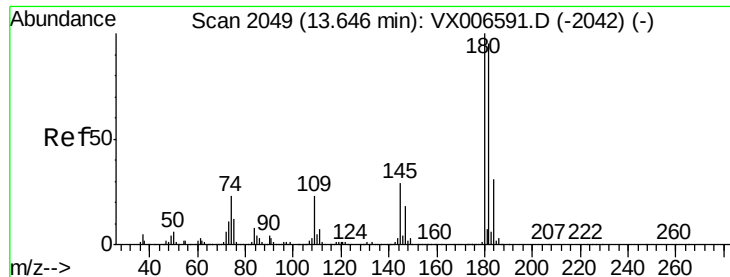
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.4	58.2
148	63.1	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.781 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006826.D
 Acq: 26 Dec 2018 18:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.8	50.6	151.8
157	122.5	64.6	193.8

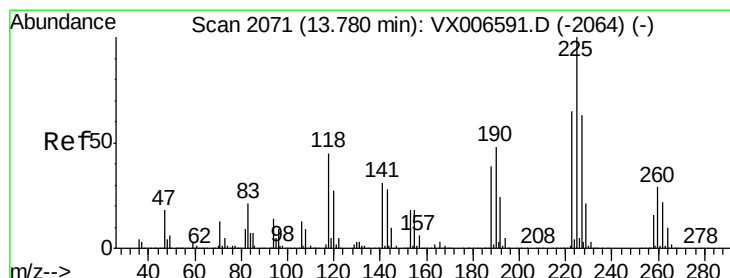
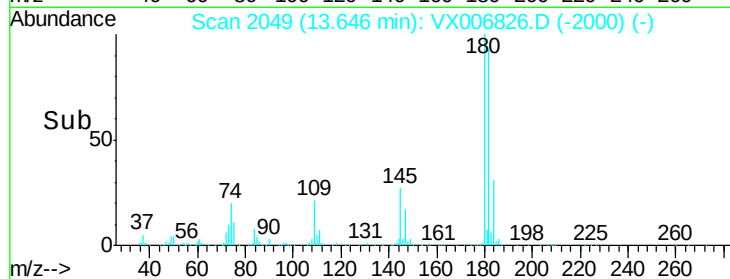
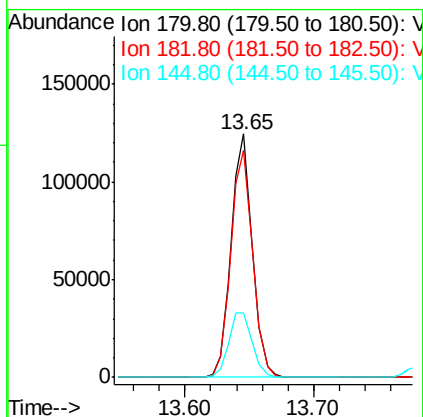
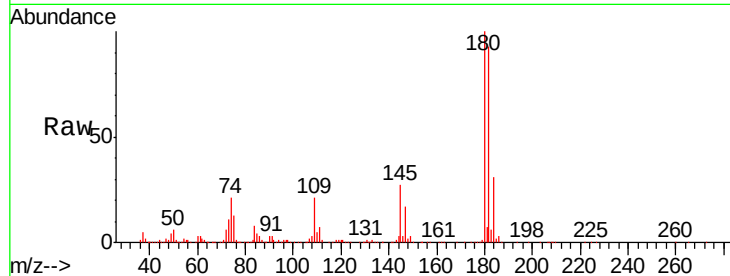




#93
1,2,4-Trichlorobenzene
Concen: 16.854 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX006826.D
Acq: 26 Dec 2018 18:42

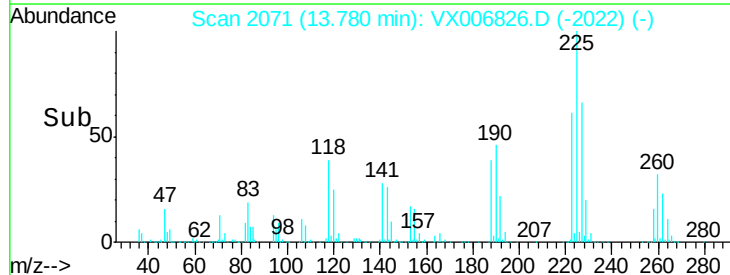
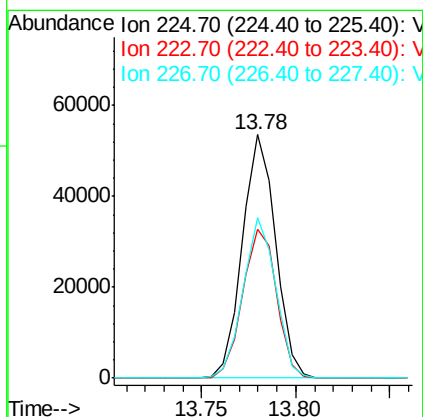
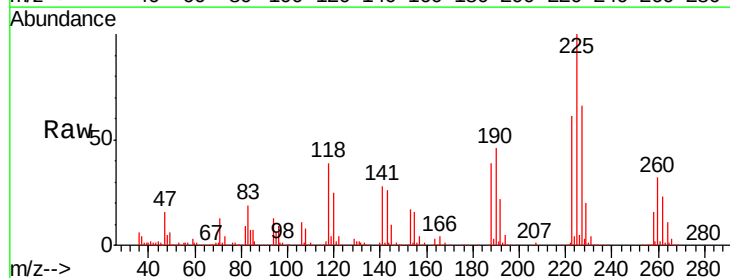
Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD01

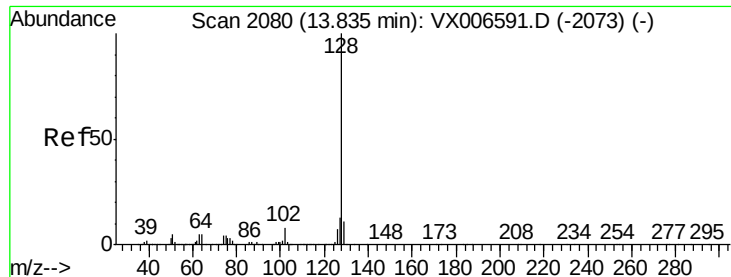
Tgt Ion:180 Resp: 144330
Ion Ratio Lower Upper
180 100
182 96.3 47.3 142.0
145 29.5 14.8 44.3



#94
Hexachlorobutadiene
Concen: 16.196 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VX006826.D
Acq: 26 Dec 2018 18:42

Tgt Ion:225 Resp: 65373
Ion Ratio Lower Upper
225 100
223 62.6 32.1 96.3
227 64.6 32.3 96.8





#95

Naphthalene

Concen: 15.952 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006826.D

Acq: 26 Dec 2018 18:42

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD01

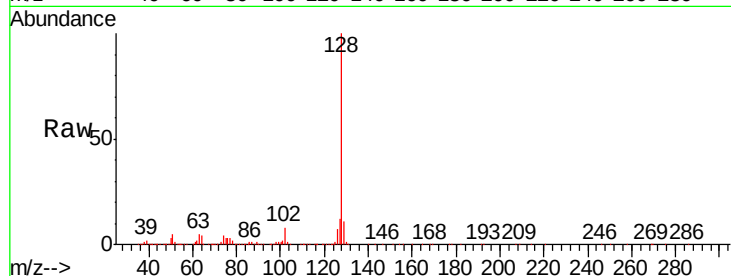
Tgt Ion:128 Resp: 435989

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

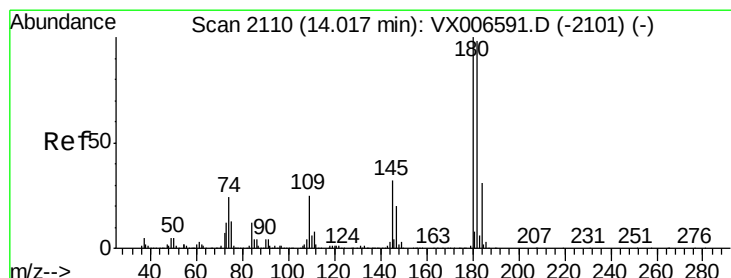
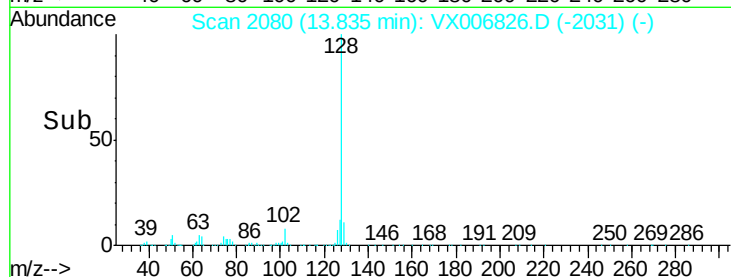
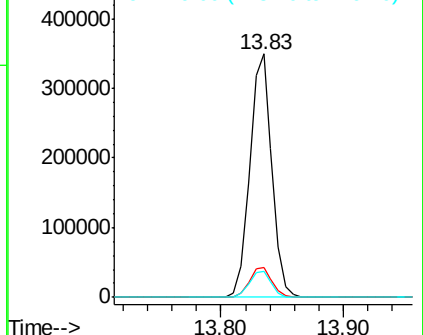
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 16.056 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX006826.D

Acq: 26 Dec 2018 18:42

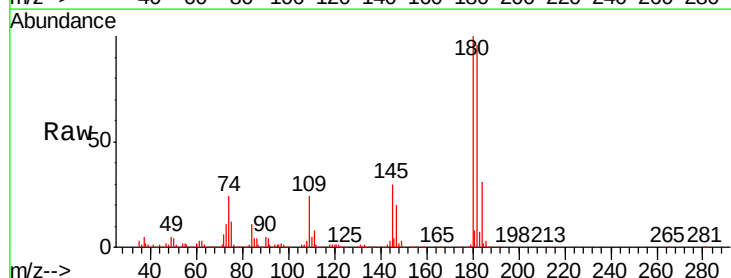
Tgt Ion:180 Resp: 141965

Ion Ratio Lower Upper

180 100

182 95.6 48.5 145.5

145 30.4 16.0 47.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

