

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120718\
 Data File : VX006344.D
 Acq On : 07 Dec 2018 13:51
 Operator : JC/MD
 Sample : VX1207WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBSD01

Quant Time: Dec 08 00:10:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	680857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1028614	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	923389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	471305	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	355919	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
35) Dibromofluoromethane	5.51	113	336095	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
50) Toluene-d8	8.71	98	1201642	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
62) 4-Bromofluorobenzene	11.13	95	447728	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	132993	19.949	ug/l	99
3) Chloromethane	1.33	50	125709	18.350	ug/l	97
4) Vinyl Chloride	1.41	62	138847	18.831	ug/l	99
5) Bromomethane	1.64	94	107950	21.126	ug/l	99
6) Chloroethane	1.72	64	88460	19.567	ug/l	98
7) Trichlorofluoromethane	1.93	101	218116	19.272	ug/l	99
8) Diethyl Ether	2.19	74	83023	19.382	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	126641	19.678	ug/l	99
10) Methyl Iodide	2.51	142	163825	16.891	ug/l	99
11) Tert butyl alcohol	3.07	59	176550	92.882	ug/l	100
12) 1,1-Dichloroethene	2.38	96	114541	18.592	ug/l	94
13) Acrolein	2.29	56	101660	97.853	ug/l	93
14) Allyl chloride	2.73	41	211723	17.397	ug/l	97
15) Acrylonitrile	3.15	53	371487	93.656	ug/l	100
16) Acetone	2.45	43	325542	99.804	ug/l	99
17) Carbon Disulfide	2.57	76	308171	16.233	ug/l	99
18) Methyl Acetate	2.78	43	211465	19.386	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	420442	19.130	ug/l	98
20) Methylene Chloride	2.86	84	132098	19.029	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	121098	18.445	ug/l	96
22) Diisopropyl ether	3.87	45	377092	19.837	ug/l	98
23) Vinyl Acetate	3.82	43	1542886	95.162	ug/l	99
24) 1,1-Dichloroethane	3.70	63	209080	19.243	ug/l	99
25) 2-Butanone	4.70	43	461821	99.228	ug/l	99
26) 2,2-Dichloropropane	4.58	77	189305	18.879	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	146378	19.988	ug/l	99
28) Bromochloromethane	5.02	49	89599	18.880	ug/l	97
29) Tetrahydrofuran	5.15	42	300890	93.022	ug/l	97
30) Chloroform	5.21	83	229920	20.137	ug/l	97
31) Cyclohexane	5.57	56	187340	18.657	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	212051	19.519	ug/l	99
36) 1,1-Dichloropropene	5.80	75	162112	18.715	ug/l	99
37) Ethyl Acetate	4.85	43	174032	17.941	ug/l	98
38) Carbon Tetrachloride	5.78	117	185507	18.205	ug/l	99

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	206376	18.355	ug/l	97
40) Benzene	6.14	78	500991	19.311	ug/l	100
41) Methacrylonitrile	5.06	41	96326	18.047	ug/l	97
42) 1,2-Dichloroethane	6.20	62	168726	19.872	ug/l	100
43) Isopropyl Acetate	6.46	43	287396	17.770	ug/l	99
44) Trichloroethene	7.21	130	167647	21.331	ug/l	99
45) 1,2-Dichloropropane	7.52	63	125443	19.025	ug/l	98
46) Dibromomethane	7.66	93	89136	18.718	ug/l	98
47) Bromodichloromethane	7.90	83	168861	18.311	ug/l	98
48) Methyl methacrylate	7.77	41	144362	18.348	ug/l	97
49) 1,4-Dioxane	7.75	88	75126	387.407	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	879682	93.433	ug/l	98
52) Toluene	8.79	92	326242	19.114	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	183798	17.042	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	201952	18.033	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	136473	19.682	ug/l	98
56) Ethyl methacrylate	9.18	69	202919	18.719	ug/l	97
57) 1,3-Dichloropropane	9.37	76	216295	19.726	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	531223	96.572	ug/l	98
59) 2-Hexanone	9.49	43	669807	93.117	ug/l	100
60) Dibromochloromethane	9.59	129	149535	17.489	ug/l	100
61) 1,2-Dibromoethane	9.67	107	148664	19.174	ug/l	99
64) Tetrachloroethene	9.34	164	136097	19.571	ug/l	97
65) Chlorobenzene	10.14	112	379807	19.376	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	143137	18.795	ug/l	99
67) Ethyl Benzene	10.25	91	622709	19.101	ug/l	99
68) m/p-Xylenes	10.36	106	498816	38.197	ug/l	99
69) o-Xylene	10.70	106	247654	19.199	ug/l	100
70) Styrene	10.71	104	399605	19.154	ug/l	100
71) Bromoform	10.86	173	116498	16.204	ug/l #	99
73) Isopropylbenzene	11.02	105	652517	20.048	ug/l	99
74) N-amyl acetate	10.90	43	253413	18.081	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	206831	19.863	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	235751	25.915	ug/l	87
77) Bromobenzene	11.26	156	177889	19.694	ug/l	98
78) n-propylbenzene	11.36	91	706020	19.514	ug/l	100
79) 2-Chlorotoluene	11.42	91	428576	19.930	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	536702	19.819	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	64334	16.596	ug/l	91
82) 4-Chlorotoluene	11.51	91	481488	19.258	ug/l	100
83) tert-Butylbenzene	11.77	119	567910	19.655	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	554653	19.835	ug/l	99
85) sec-Butylbenzene	11.94	105	650619	19.793	ug/l	99
86) p-Isopropyltoluene	12.07	119	573919	19.390	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	311582	19.386	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	313040	19.190	ug/l	99
89) n-Butylbenzene	12.39	91	475281	18.819	ug/l	100
90) Hexachloroethane	12.60	117	106726	17.691	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	312958	19.620	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46778	17.525	ug/l	92

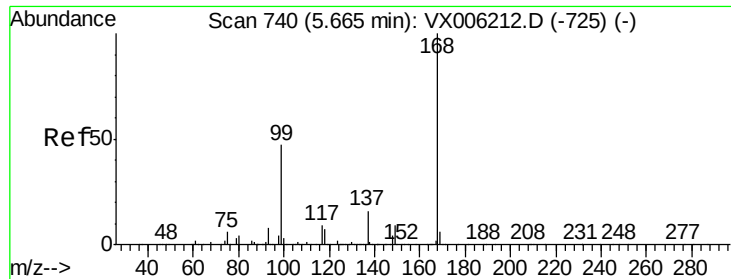
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120718\
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ClientSampleId :
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Quant Time: Dec 08 00:10:18 2018
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Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	217260	18.669	ug/l	100
94) Hexachlorobutadiene	13.78	225	100072	19.445	ug/l	98
95) Naphthalene	13.83	128	697164	19.259	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	222793	19.329	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

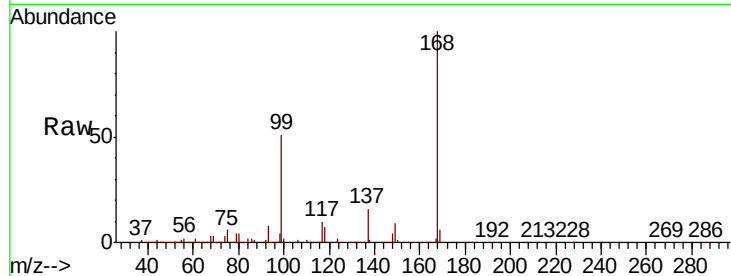
VX1207WBSD01

Tot Ion:168 Resp: 680857

Ion Ratio Lower Upper

168 100

99 50.6 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

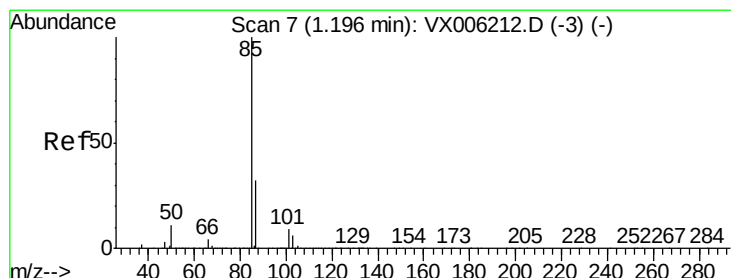
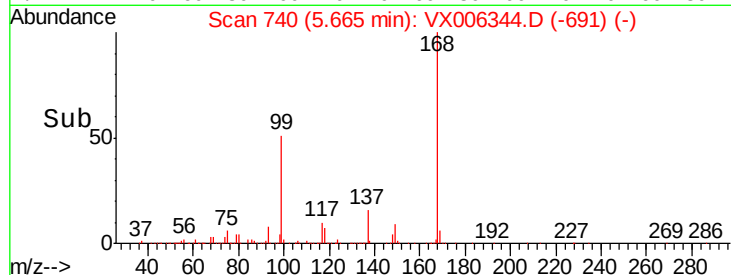
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.949 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006344.D

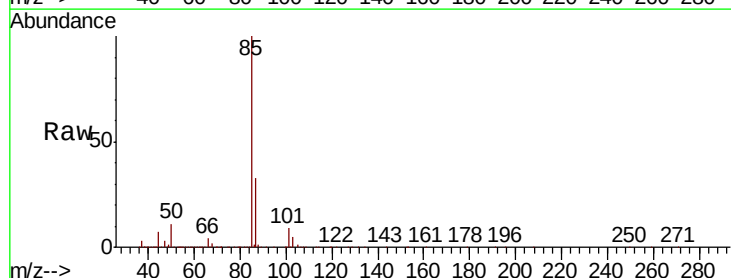
Acq: 07 Dec 2018 13:51

Tgt Ion: 85 Resp: 132993

Ion Ratio Lower Upper

85 100

87 32.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

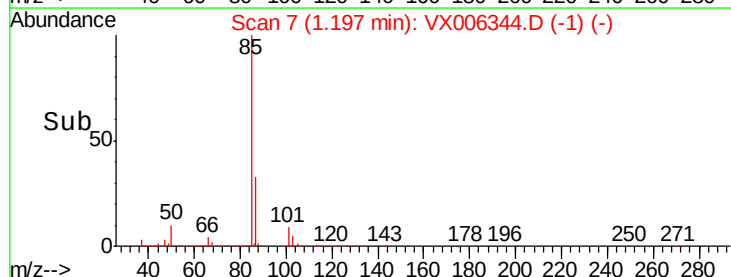
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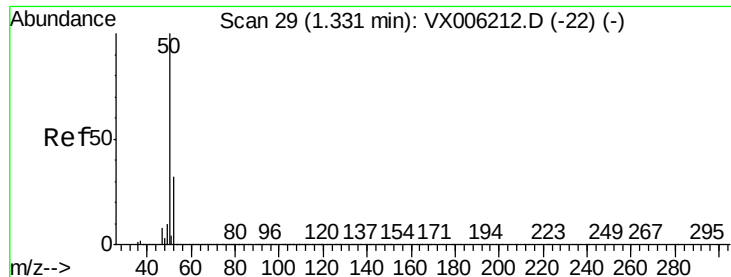
50000

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1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 18.350 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

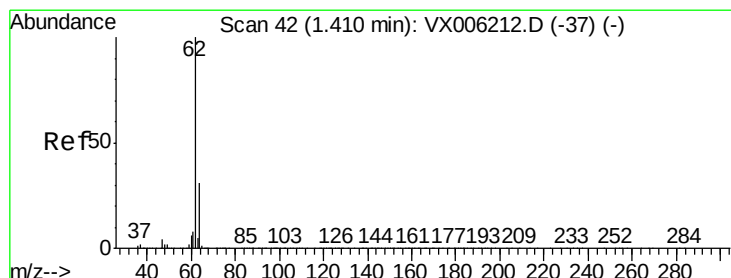
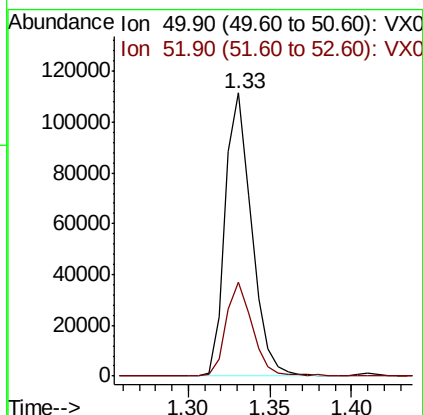
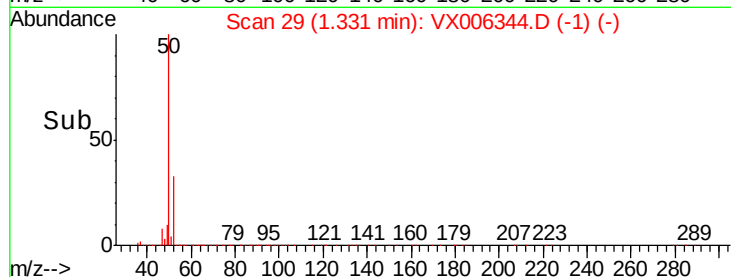
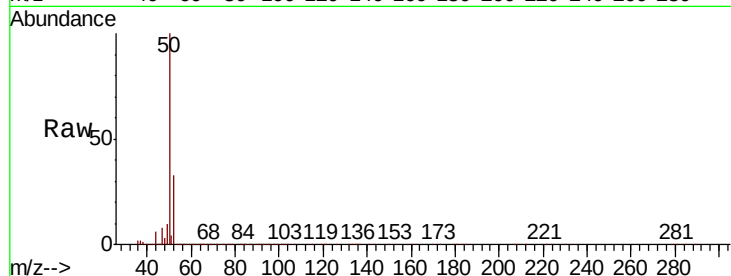
VX1207WBSD01

Tot Ion: 50 Resp: 125709

Ion Ratio Lower Upper

50 100

52 33.0 25.2 37.8



#4

Vinyl Chloride

Concen: 18.831 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006344.D

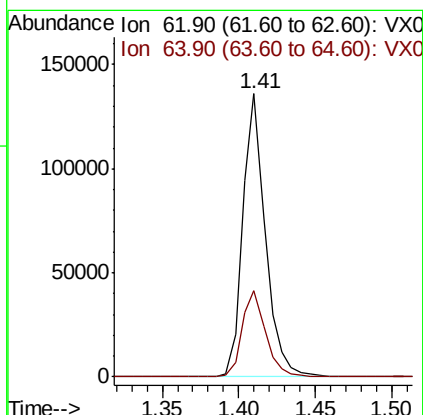
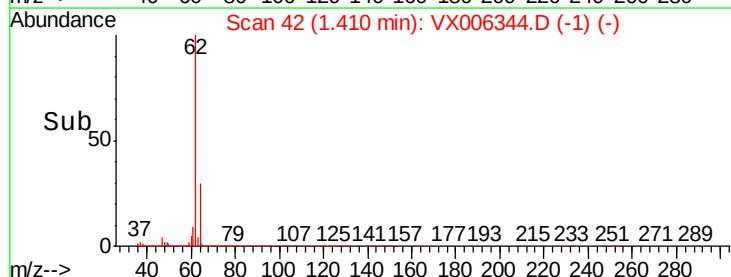
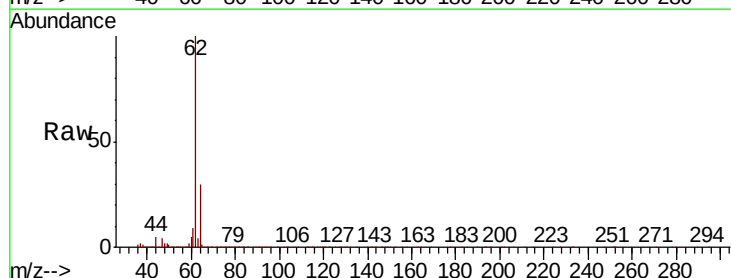
Acq: 07 Dec 2018 13:51

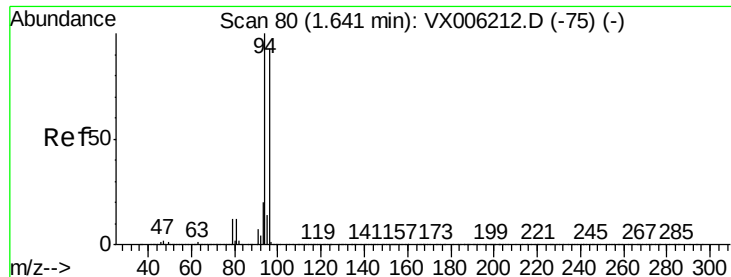
Tgt Ion: 62 Resp: 138847

Ion Ratio Lower Upper

62 100

64 30.4 24.9 37.3





#5

Bromomethane

Concen: 21.126 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

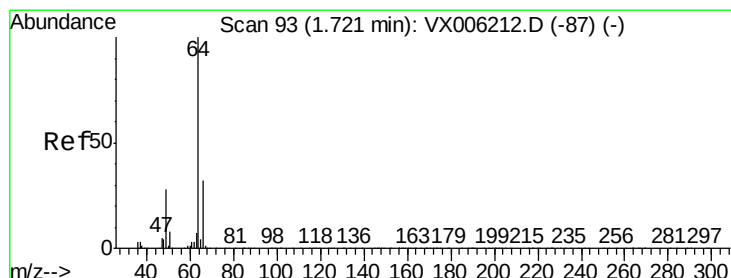
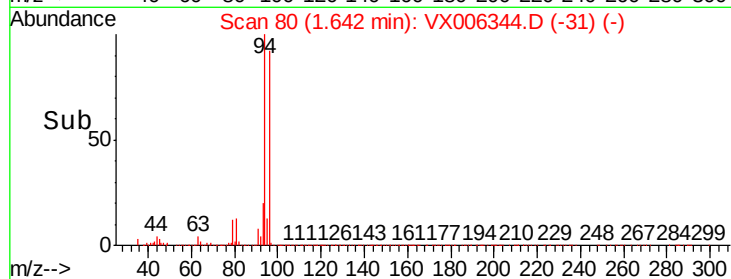
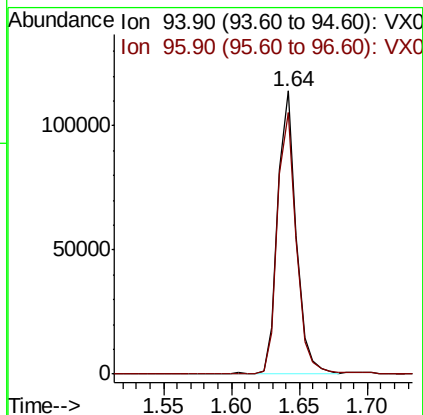
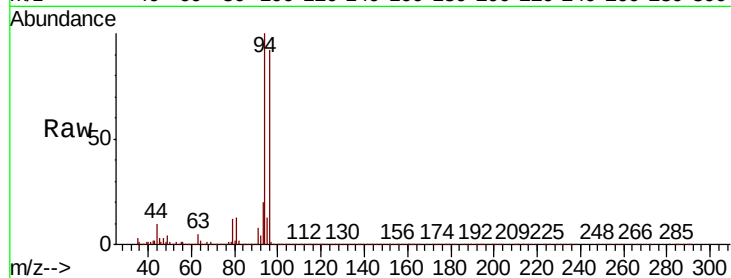
VX1207WBSD01

Tot Ion: 94 Resp: 107950

Ion Ratio Lower Upper

94 100

96 92.3 74.5 111.7



#6

Chloroethane

Concen: 19.567 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX006344.D

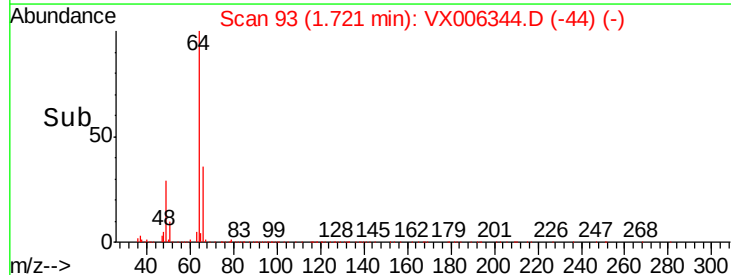
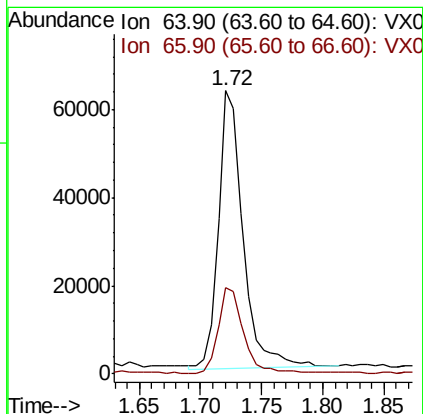
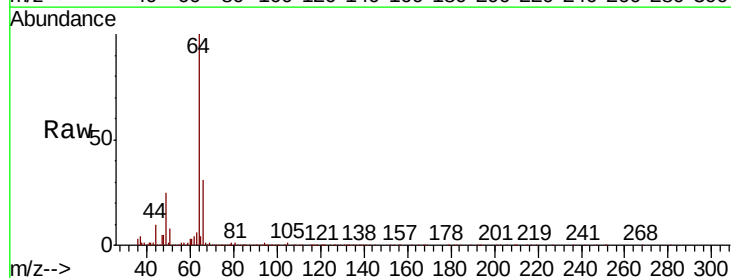
Acq: 07 Dec 2018 13:51

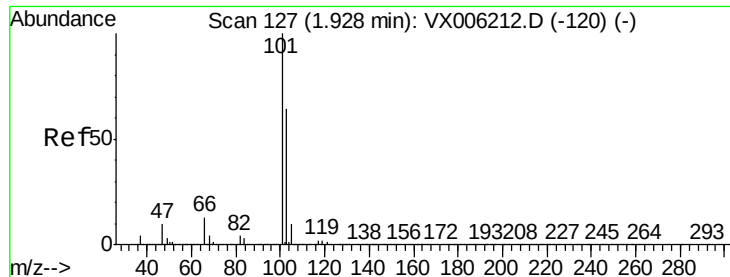
Tgt Ion: 64 Resp: 88460

Ion Ratio Lower Upper

64 100

66 31.1 25.9 38.9



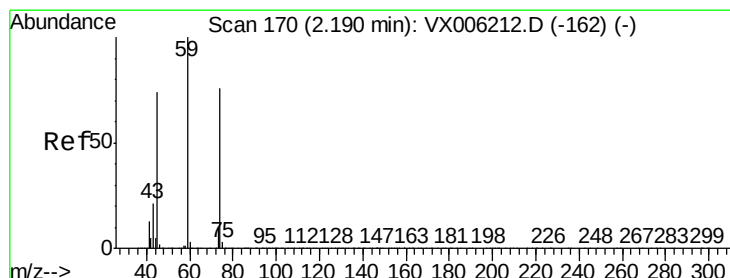
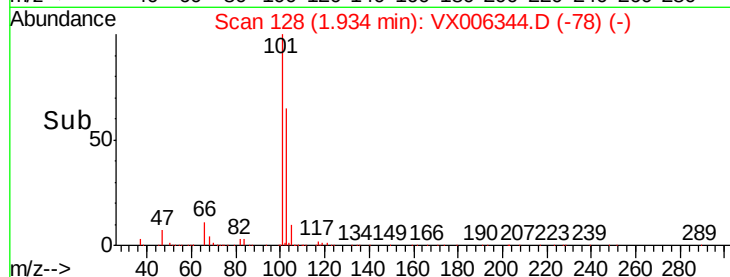
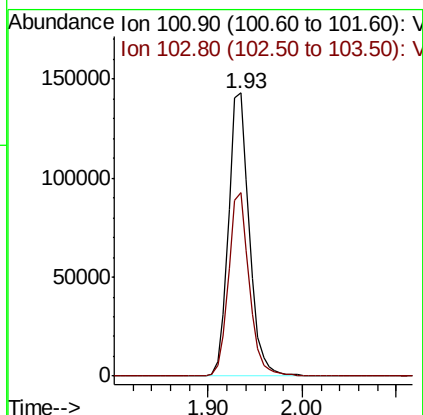
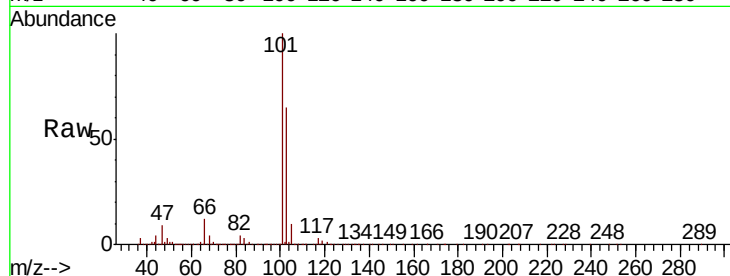


#7

Trichlorofluoromethane
Concen: 19.272 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBSD01

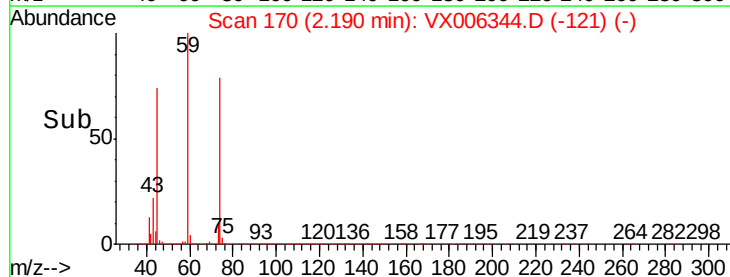
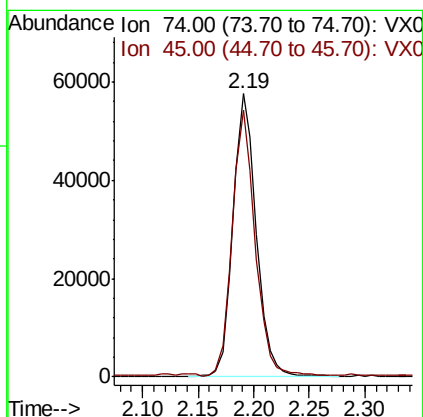
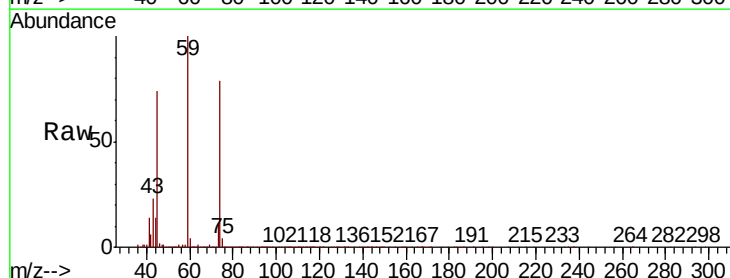
Tot Ion:101 Resp: 218116
Ion Ratio Lower Upper
101 100
103 64.8 51.0 76.4

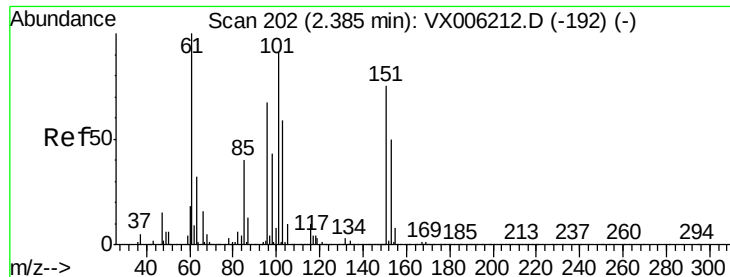


#8

Diethyl Ether
Concen: 19.382 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Tgt Ion: 74 Resp: 83023
Ion Ratio Lower Upper
74 100
45 92.8 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.678 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBSD01

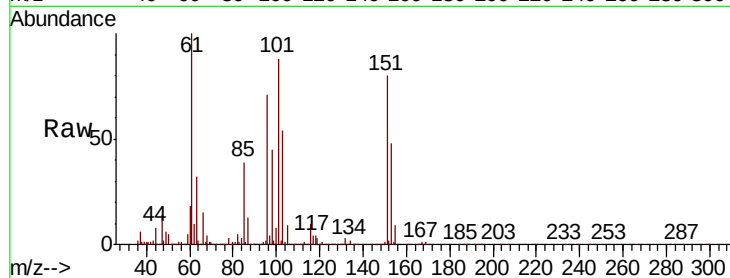
Tot Ion:101 Resp: 126641

Ion Ratio Lower Upper

101 100

85 43.1 35.5 53.3

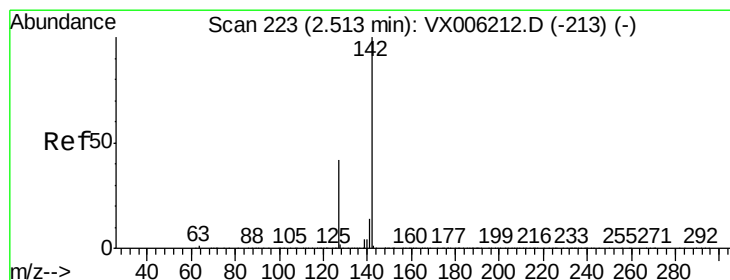
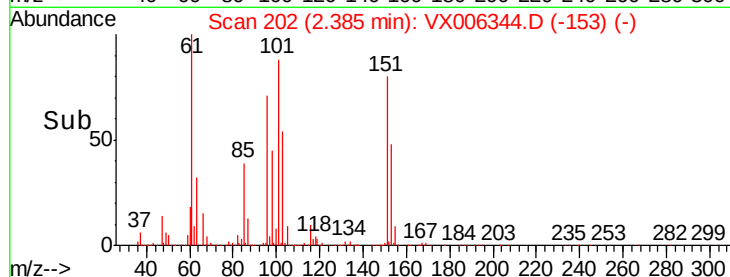
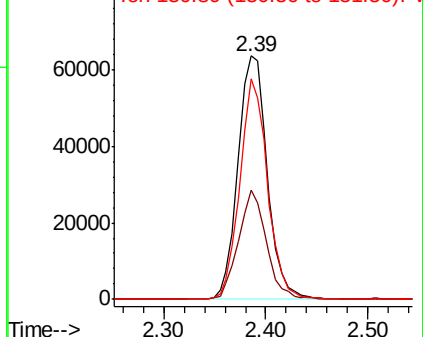
151 85.2 68.6 103.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.891 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

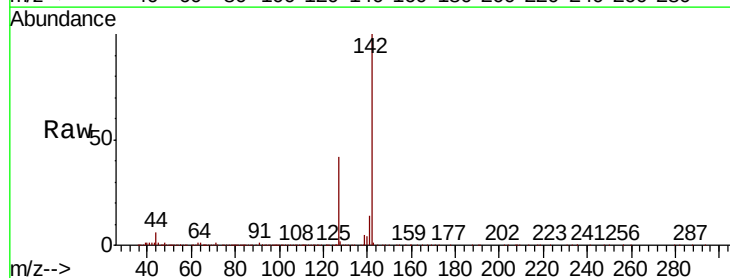
Tgt Ion:142 Resp: 163825

Ion Ratio Lower Upper

142 100

127 42.4 34.8 52.2

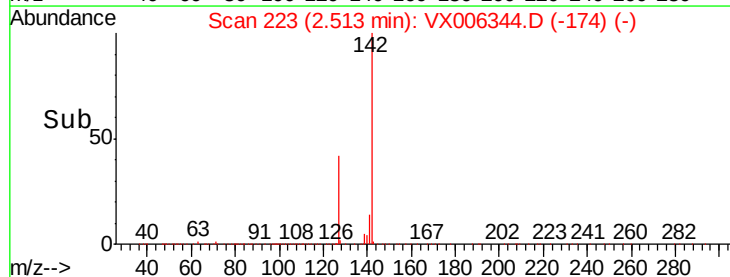
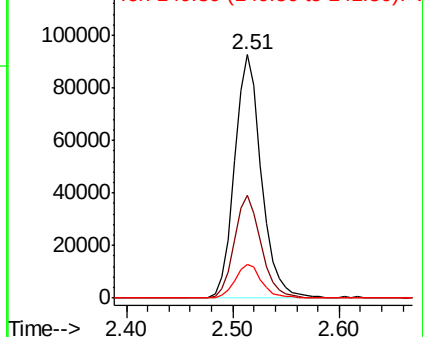
141 14.1 11.4 17.2

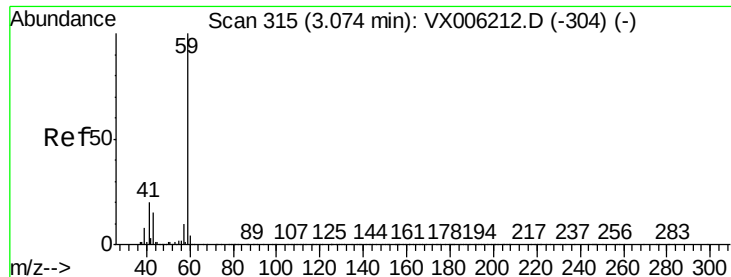


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



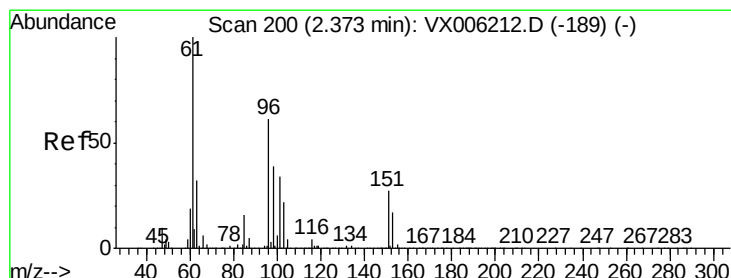
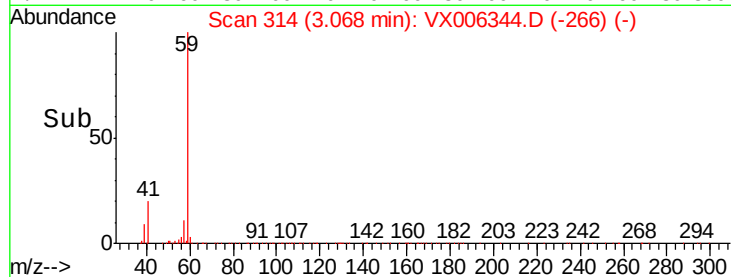
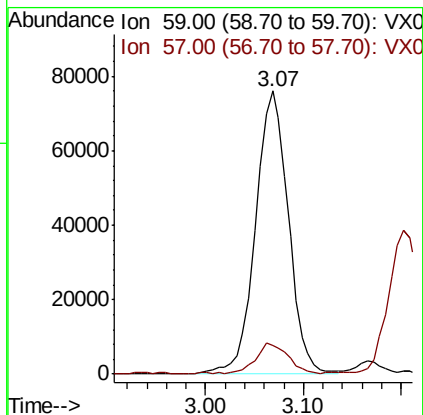
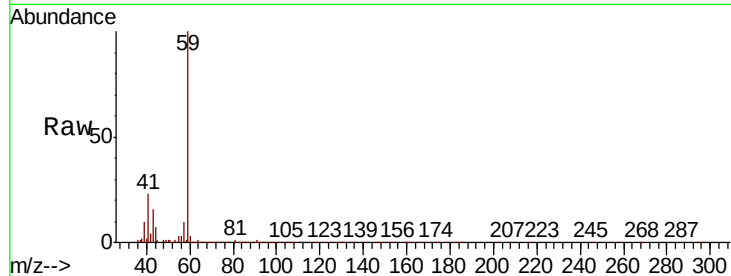


#11

Tert butyl alcohol
 Concen: 92.882 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX006344.D
 Acq: 07 Dec 2018 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBSD01

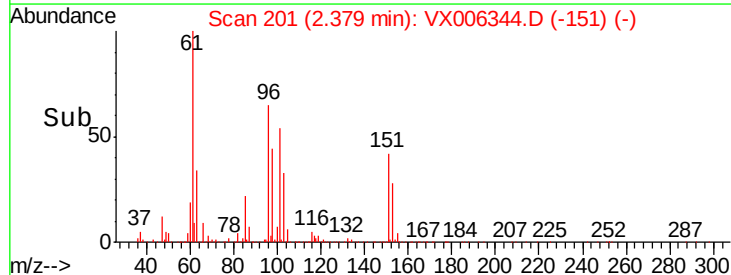
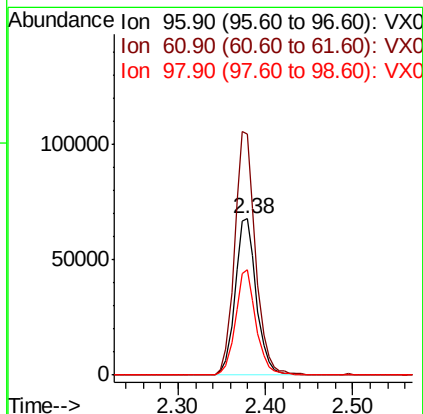
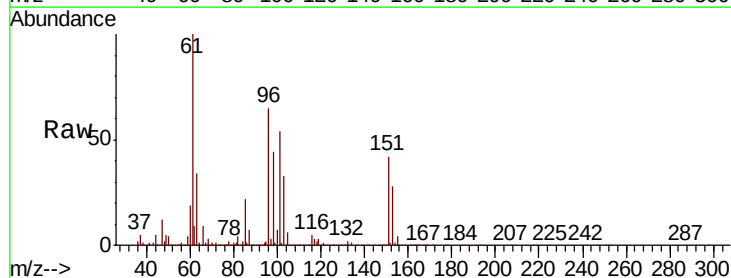
Tot Ion: 59 Resp: 176550
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.2

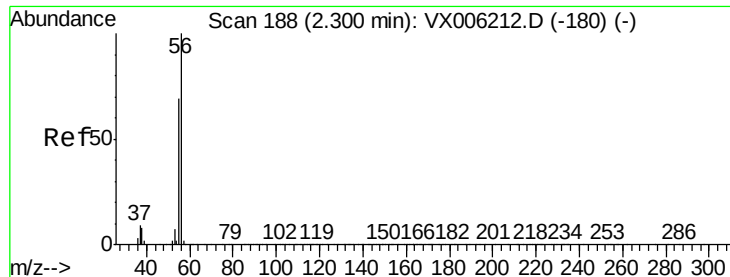


#12

1,1-Dichloroethene
 Concen: 18.592 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX006344.D
 Acq: 07 Dec 2018 13:51

Tgt Ion: 96 Resp: 114541
 Ion Ratio Lower Upper
 96 100
 61 154.7 131.7 197.5
 98 67.7 51.8 77.6





#13

Acrolein

Concen: 97.853 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

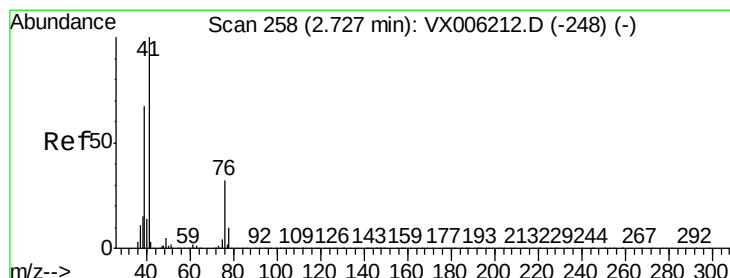
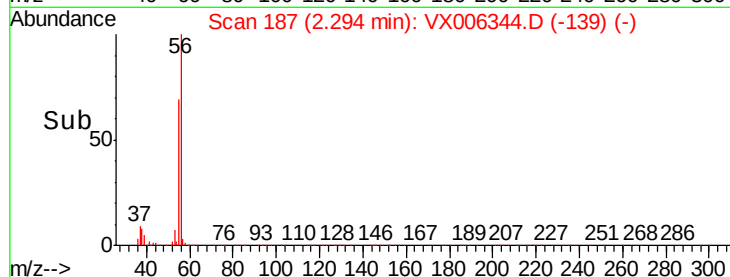
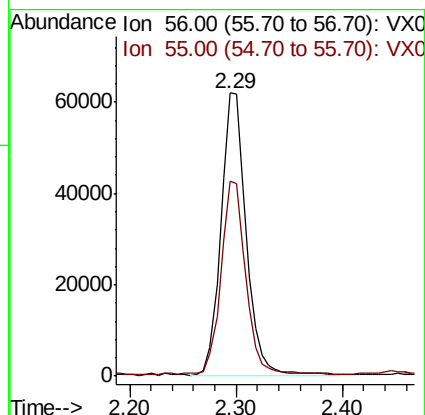
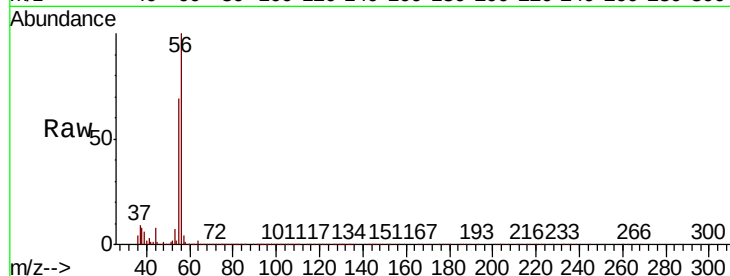
VX1207WBSD01

Tot Ion: 56 Resp: 101660

Ion Ratio Lower Upper

56 100

55 66.3 57.8 86.6



#14

Allyl chloride

Concen: 17.397 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

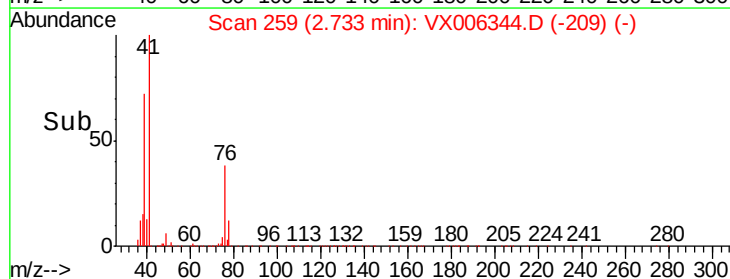
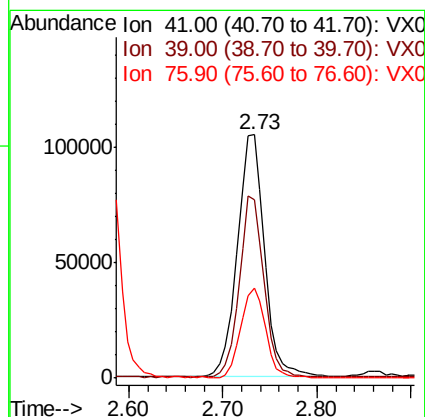
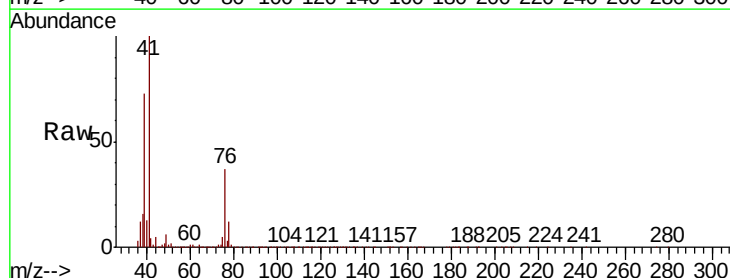
Tgt Ion: 41 Resp: 211723

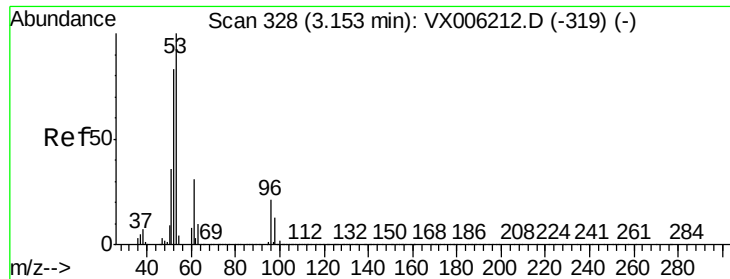
Ion Ratio Lower Upper

41 100

39 67.0 52.4 78.6

76 34.4 25.4 38.0





#15

Acrylonitrile

Concen: 93.656 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBSD01

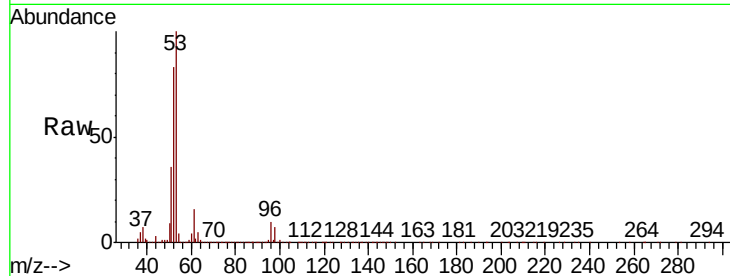
Tot Ion: 53 Resp: 371487

Ion Ratio Lower Upper

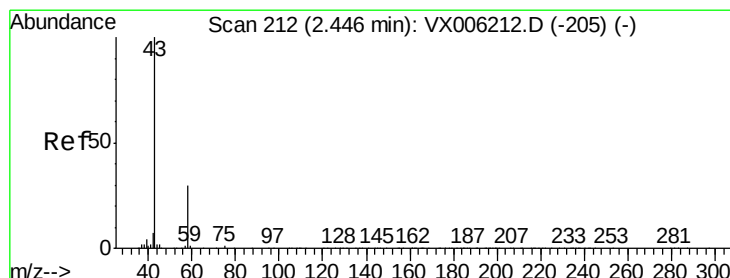
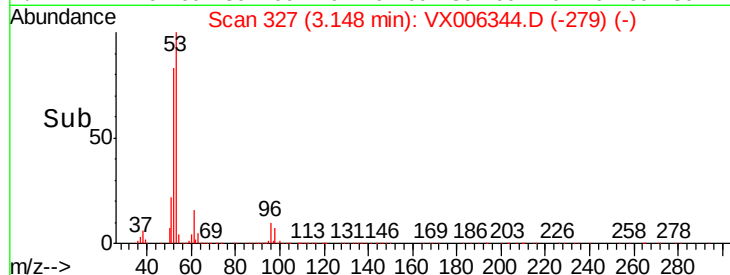
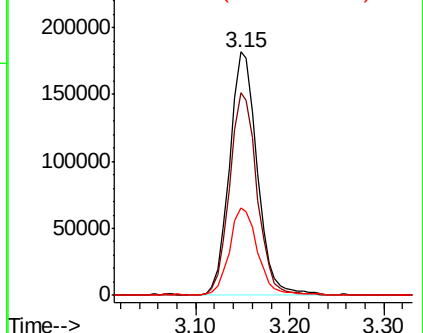
53 100

52 82.5 66.2 99.4

51 36.1 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 99.804 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006344.D

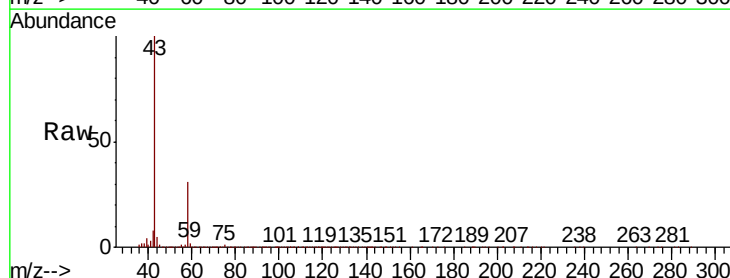
Acq: 07 Dec 2018 13:51

Tgt Ion: 43 Resp: 325542

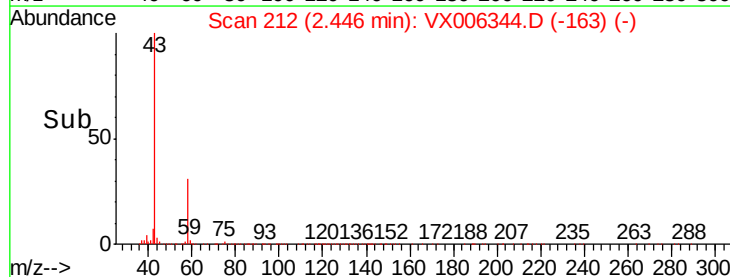
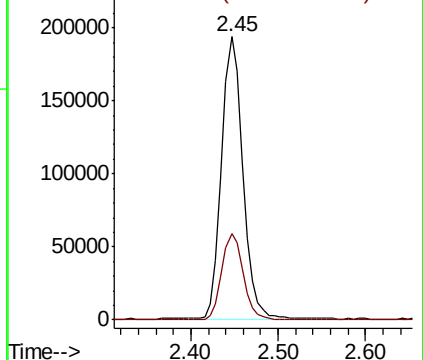
Ion Ratio Lower Upper

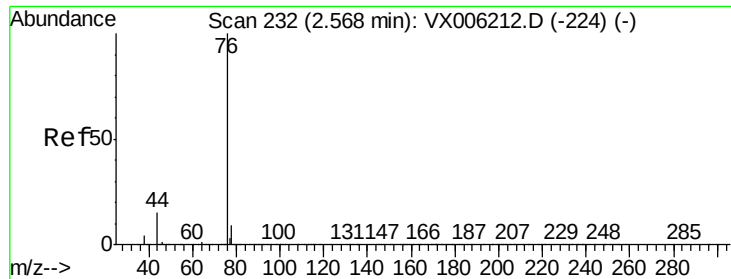
43 100

58 30.7 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.233 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

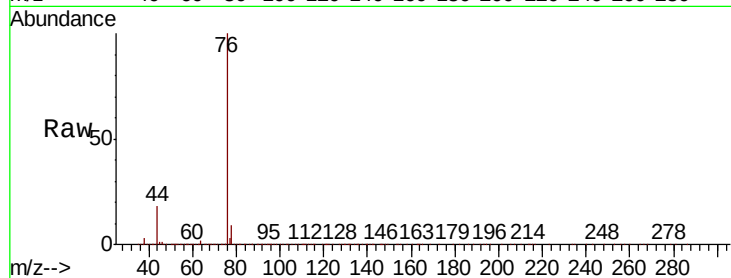
VX1207WBSD01

Tot Ion: 76 Resp: 308171

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

200000

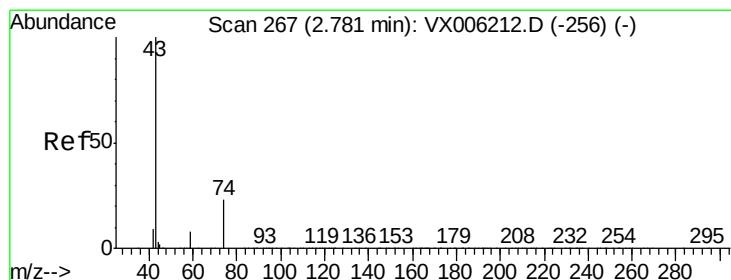
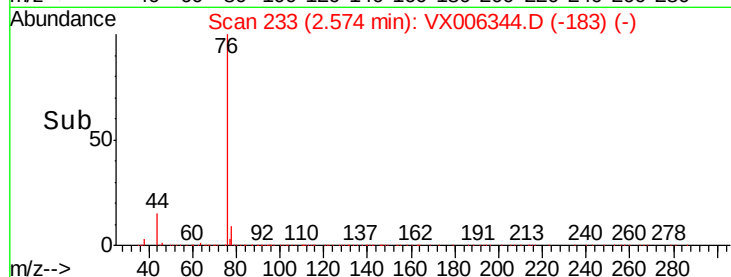
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 19.386 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX006344.D

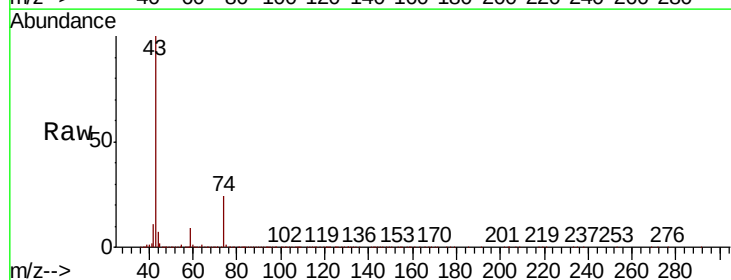
Acq: 07 Dec 2018 13:51

Tgt Ion: 43 Resp: 211465

Ion Ratio Lower Upper

43 100

74 23.9 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

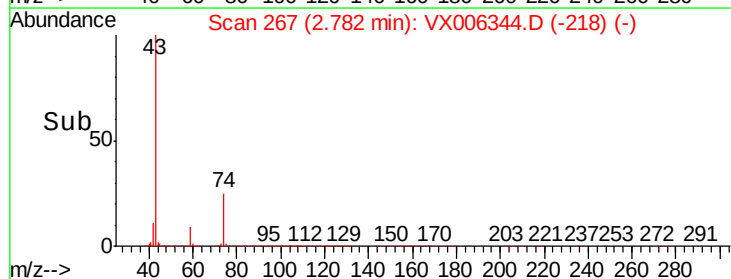
2.78

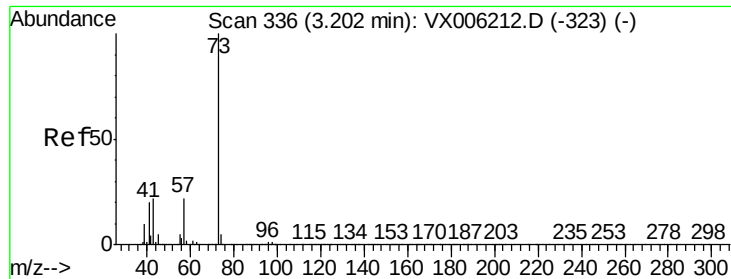
100000

50000

0

Time-->

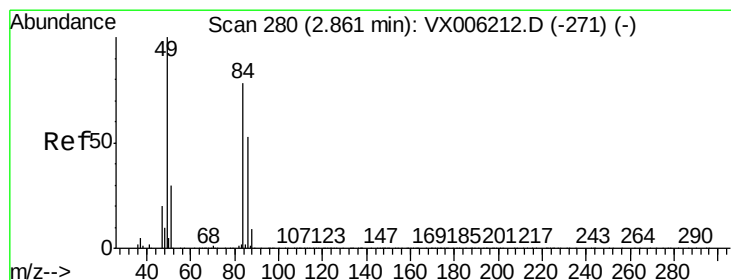
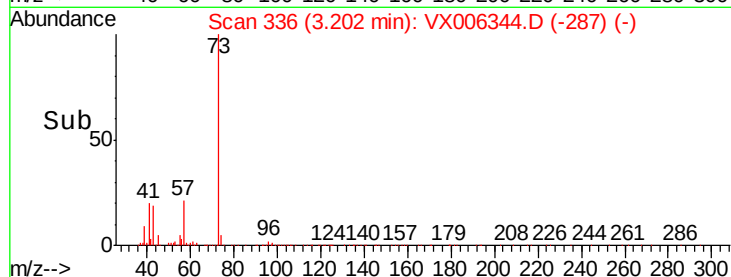
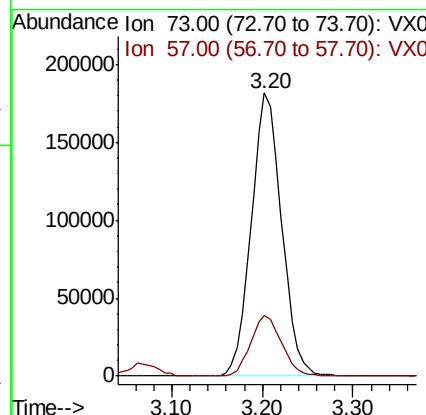
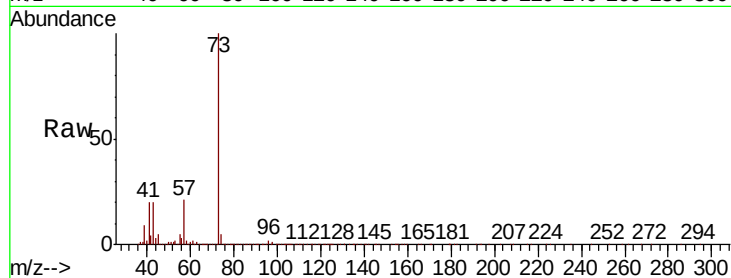




#19
Methyl tert-butyl Ether
Concen: 19.130 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

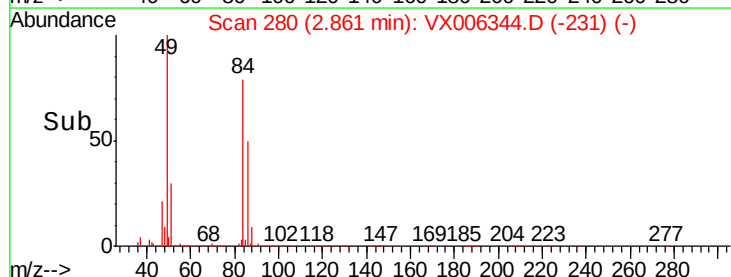
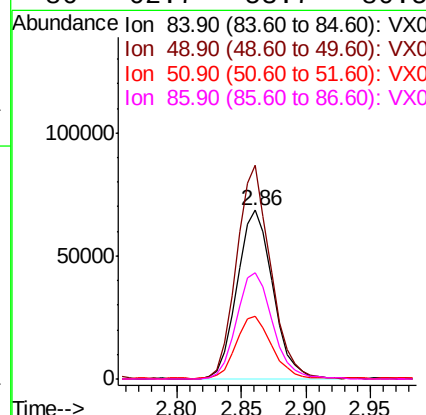
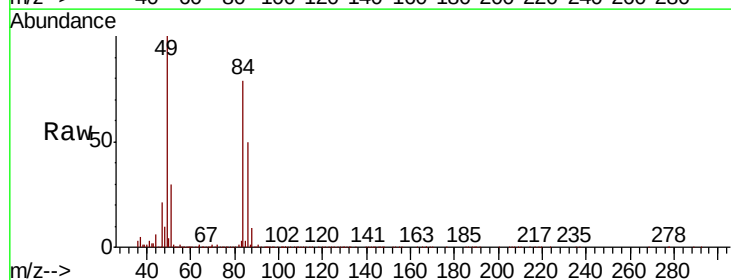
Instrument :
MSVOA_X
ClientSampleId :
VX1207WBSD01

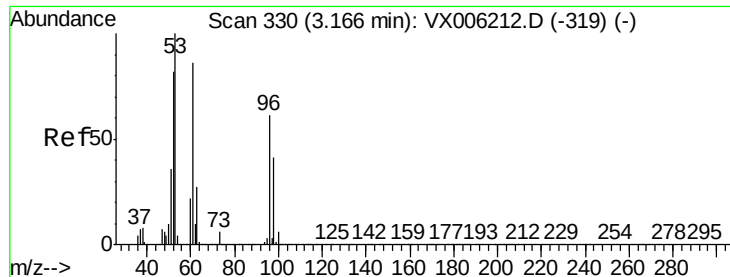
Tot Ion: 73 Resp: 420442
Ion Ratio Lower Upper
73 100
57 21.1 17.5 26.3



#20
Methylene Chloride
Concen: 19.029 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Tgt Ion: 84 Resp: 132098
Ion Ratio Lower Upper
84 100
49 126.5 102.2 153.4
51 37.0 31.1 46.7
86 62.7 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 18.445 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBSD01

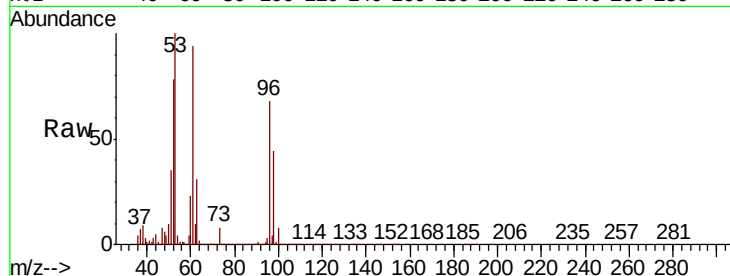
Tot Ion: 96 Resp: 121098

Ion Ratio Lower Upper

96 100

61 136.3 113.3 169.9

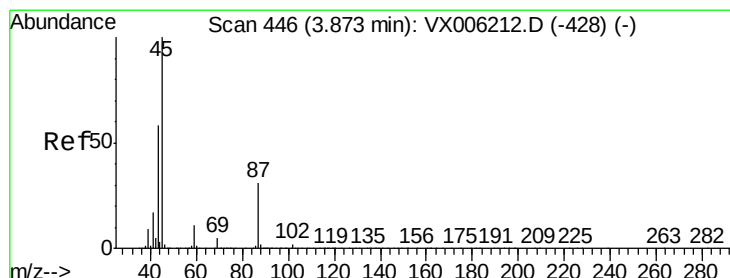
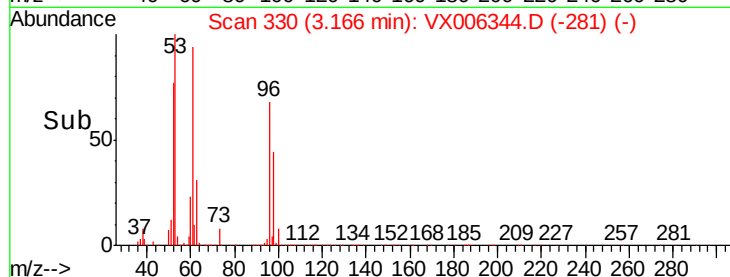
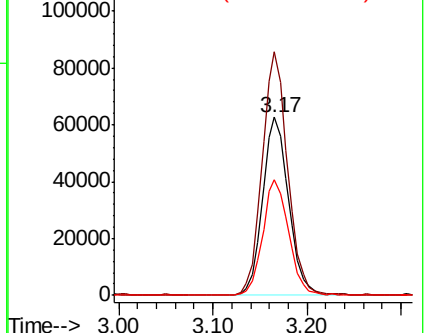
98 64.4 53.2 79.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.837 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Tgt Ion: 45 Resp: 377092

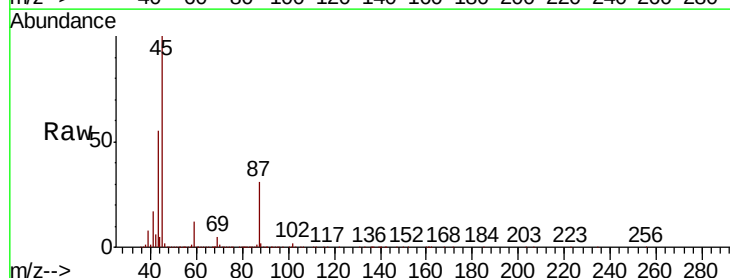
Ion Ratio Lower Upper

45 100

43 55.1 46.2 69.2

87 30.6 24.9 37.3

59 11.5 9.1 13.7

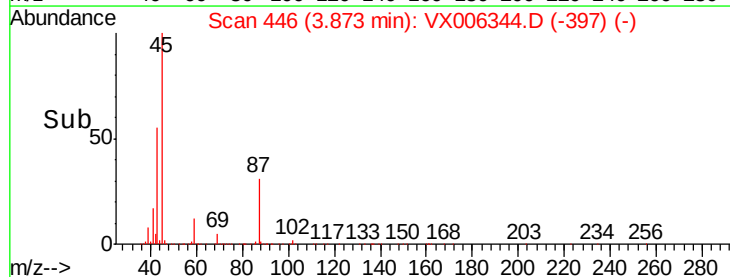
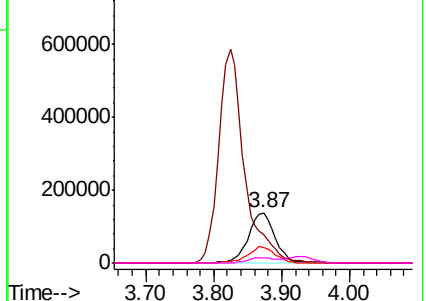


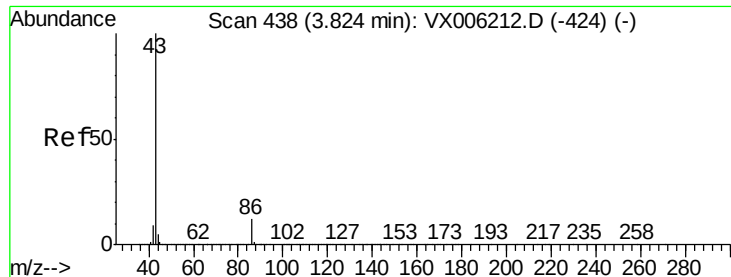
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 95.162 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

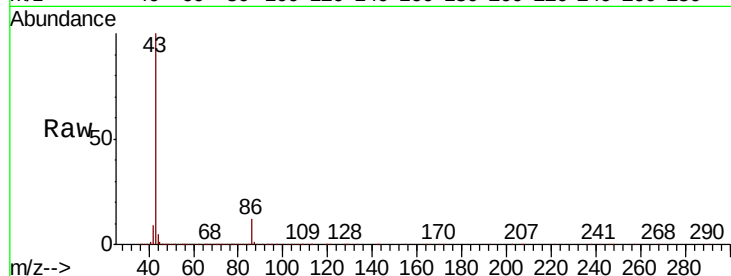
VX1207WBSD01

Tot Ion: 43 Resp: 1542886

Ion Ratio Lower Upper

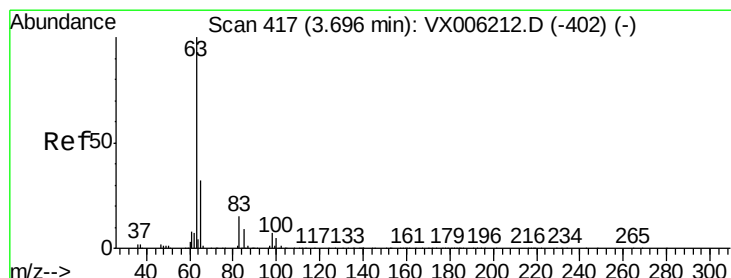
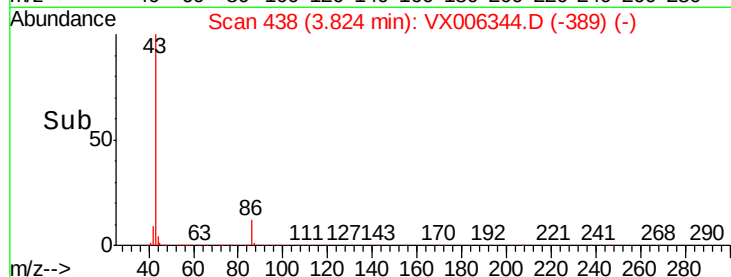
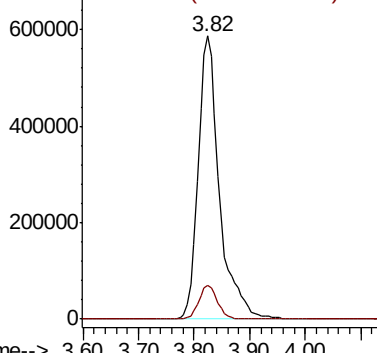
43 100

86 12.0 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.243 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

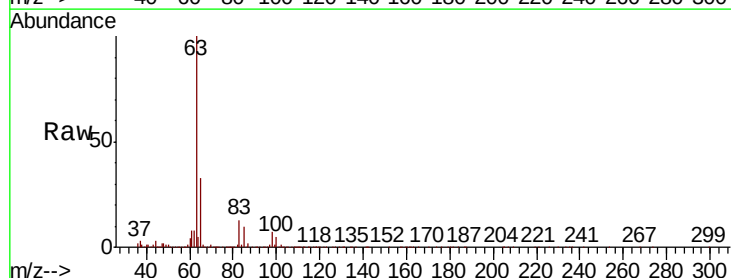
Tgt Ion: 63 Resp: 209080

Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.4

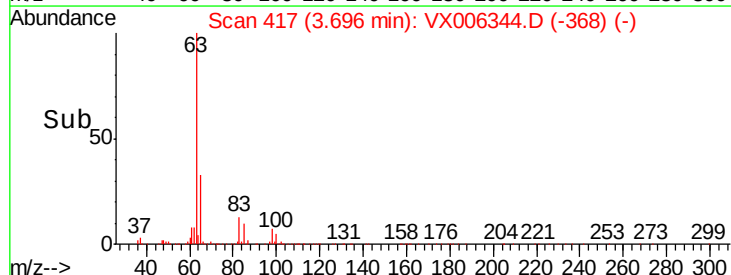
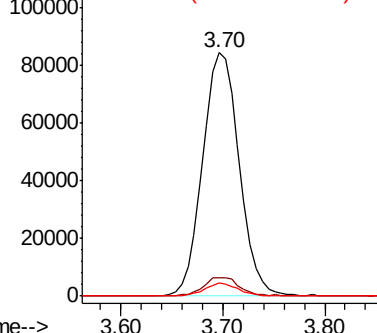
100 5.2 2.5 7.4

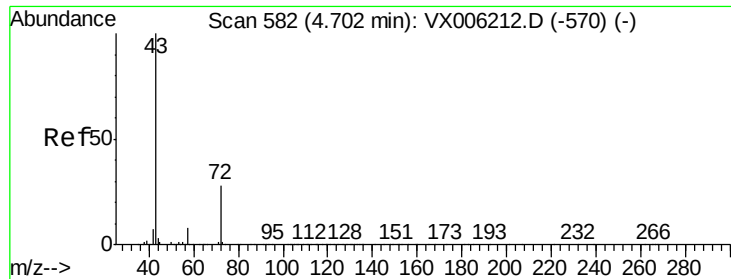


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 99.228 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

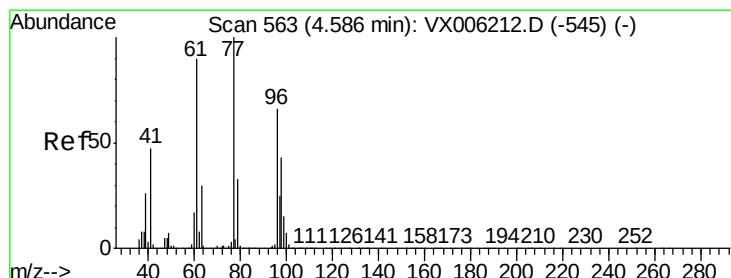
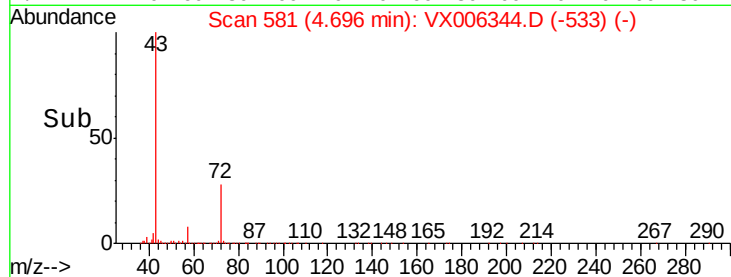
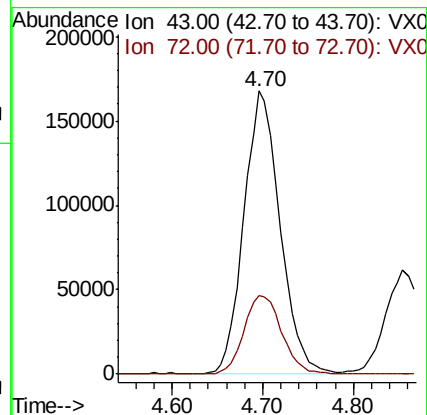
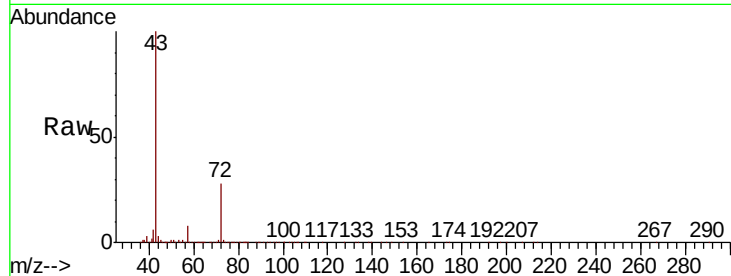
VX1207WBSD01

Tot Ion: 43 Resp: 461821

Ion Ratio Lower Upper

43 100

72 27.6 22.6 33.8



#26

2,2-Dichloropropane

Concen: 18.879 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006344.D

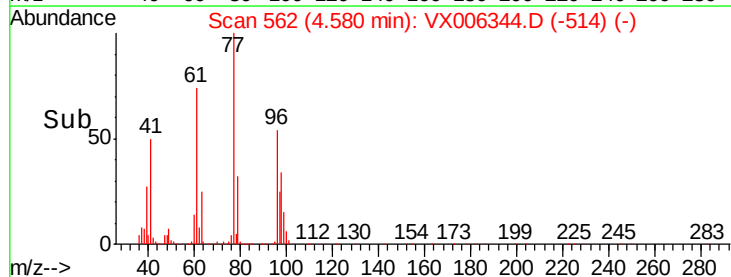
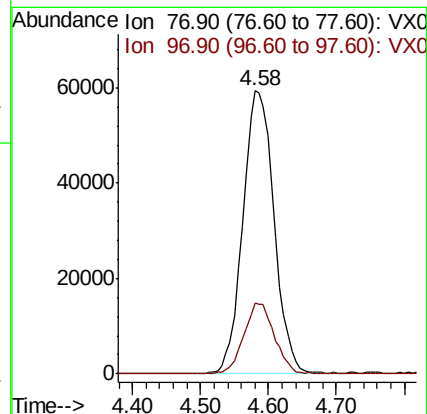
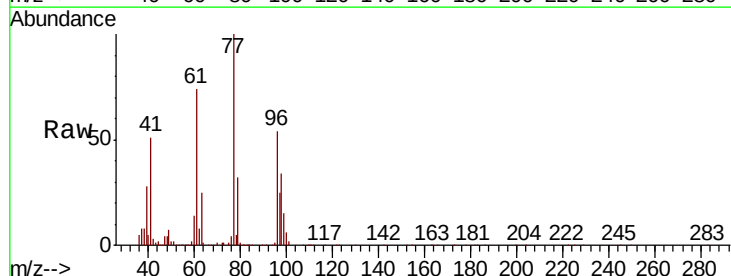
Acq: 07 Dec 2018 13:51

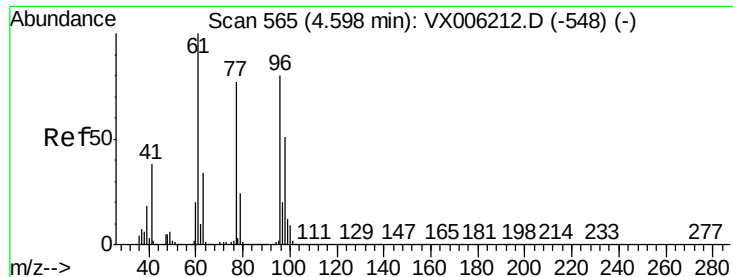
Tgt Ion: 77 Resp: 189305

Ion Ratio Lower Upper

77 100

97 24.7 12.3 36.8



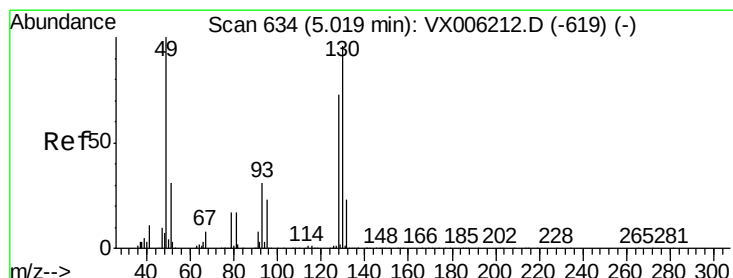
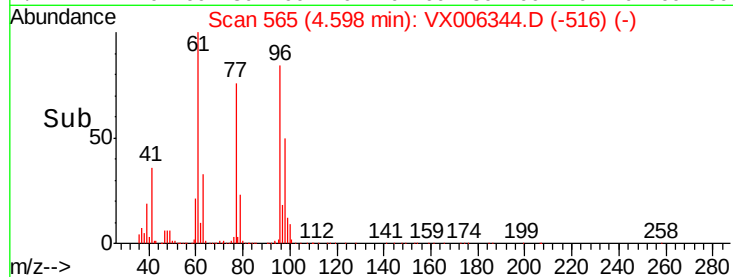
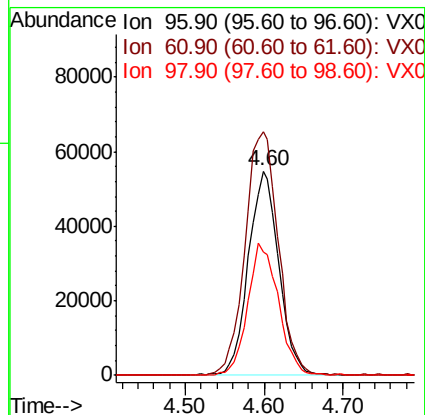
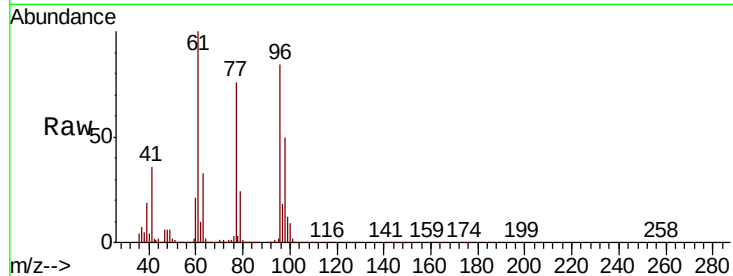


#27

cis-1,2-Dichloroethene
 Concen: 19.988 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX006344.D
 Acq: 07 Dec 2018 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBSD01

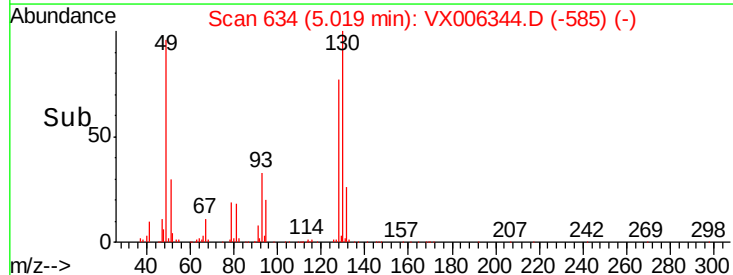
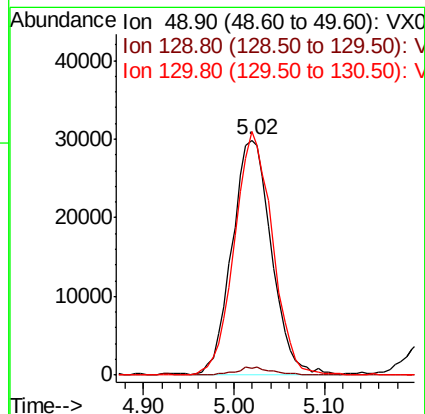
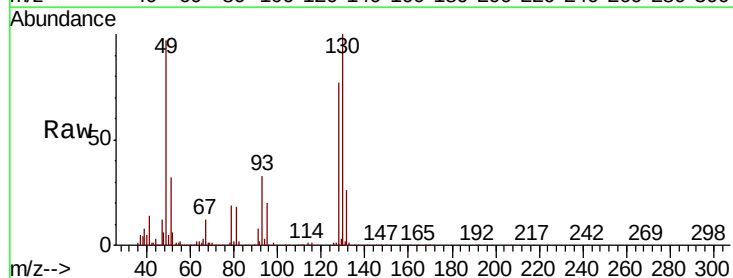
Tot Ion	Ratio	Lower	Upper
96	100		
61	130.4	0.0	265.0
98	65.0	0.0	130.2

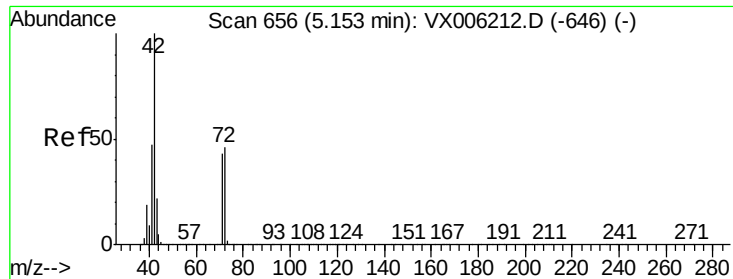


#28

Bromochloromethane
 Concen: 18.880 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX006344.D
 Acq: 07 Dec 2018 13:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	5.0
130	100.7	78.3	117.5

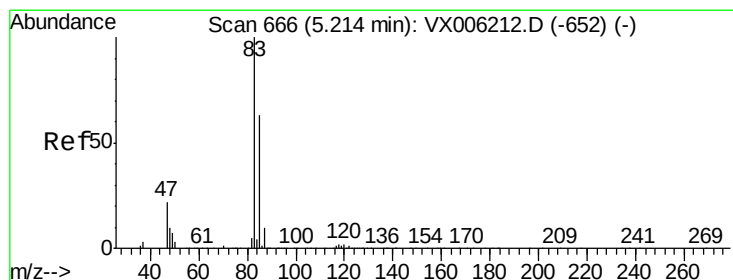
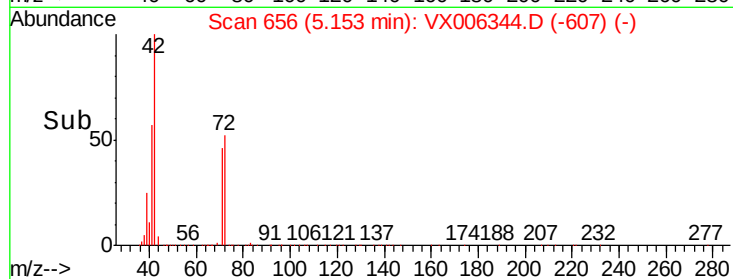
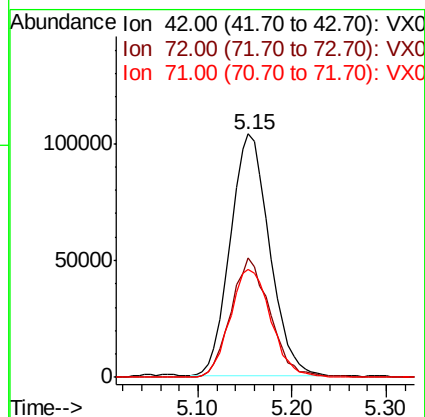
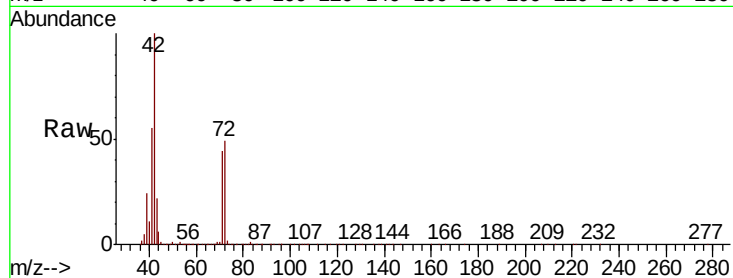




#29
Tetrahydrofuran
Concen: 93.022 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

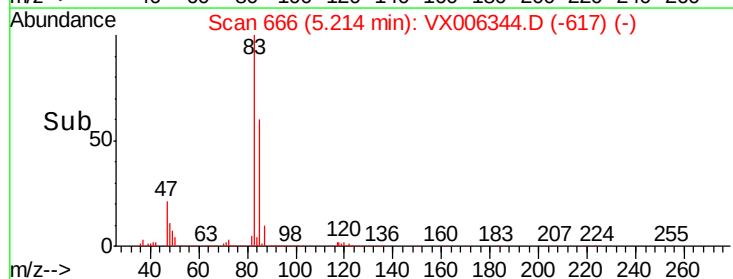
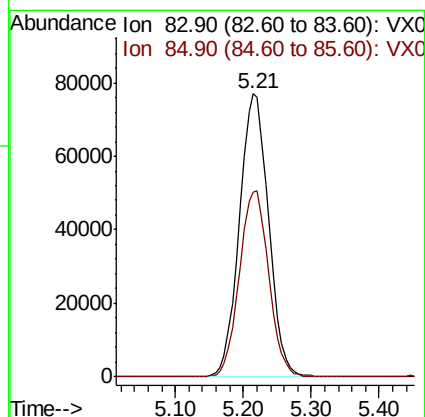
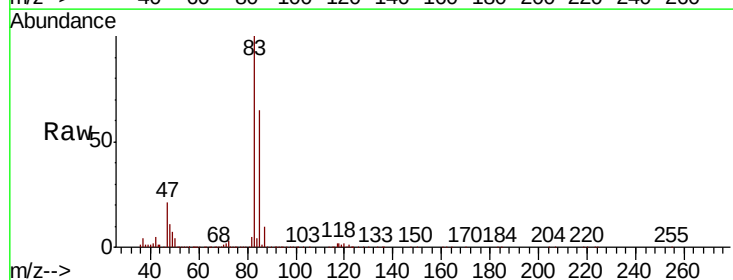
Instrument :
MSVOA_X
ClientSampleId :
VX1207WBSD01

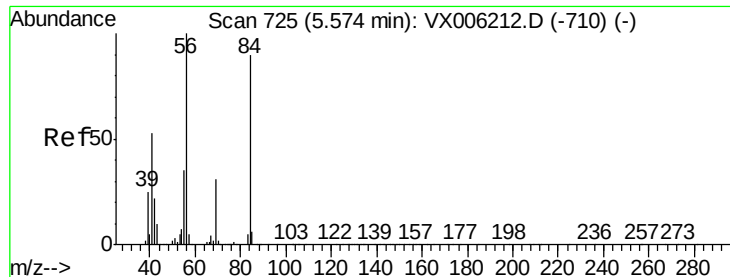
Tot Ion: 42 Resp: 300890
Ion Ratio Lower Upper
42 100
72 49.3 37.8 56.8
71 46.2 35.2 52.8



#30
Chloroform
Concen: 20.137 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Tgt Ion: 83 Resp: 229920
Ion Ratio Lower Upper
83 100
85 65.1 50.3 75.5





#31

Cyclohexane

Concen: 18.657 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBSD01

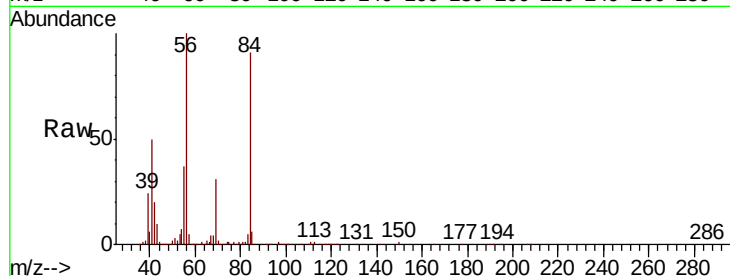
Tot Ion: 56 Resp: 187340

Ion Ratio Lower Upper

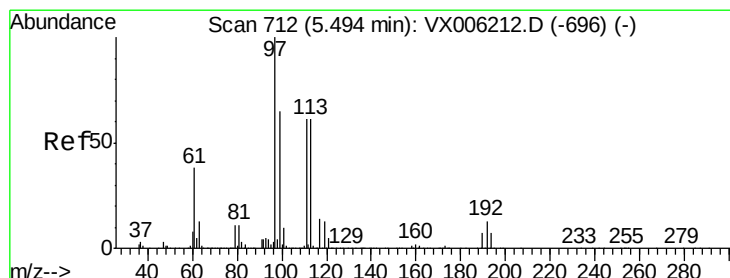
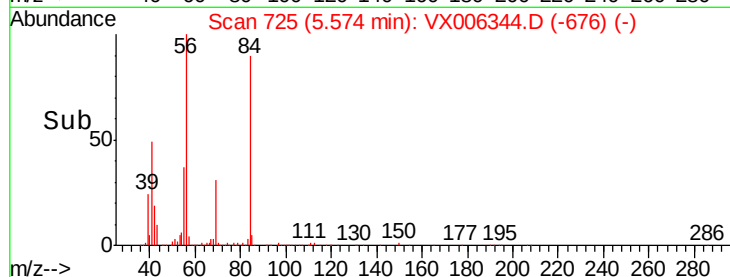
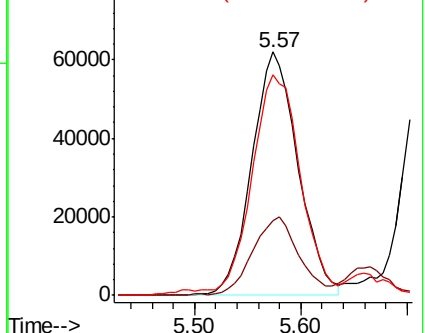
56 100

69 30.7 24.5 36.7

84 88.4 71.8 107.6



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.519 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

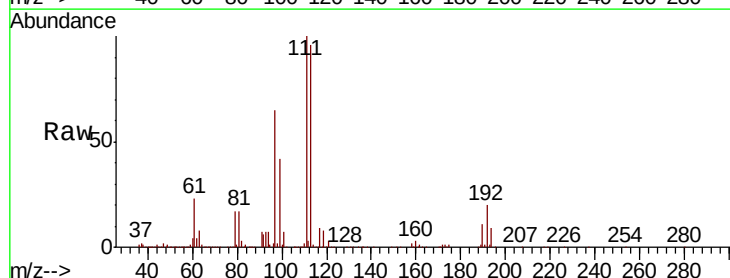
Tgt Ion: 97 Resp: 212051

Ion Ratio Lower Upper

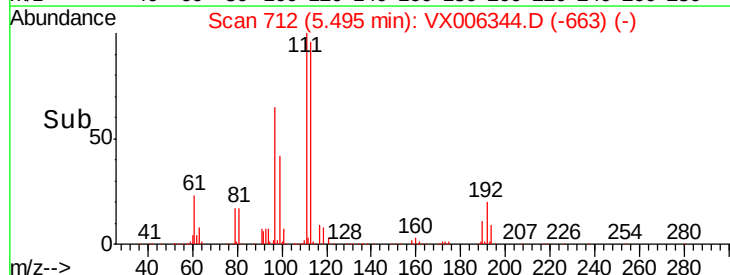
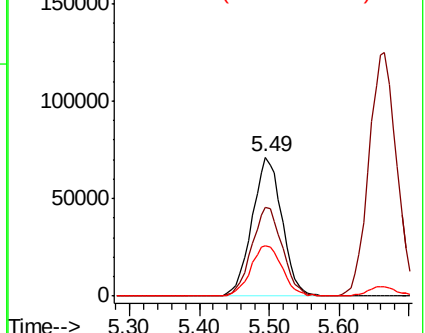
97 100

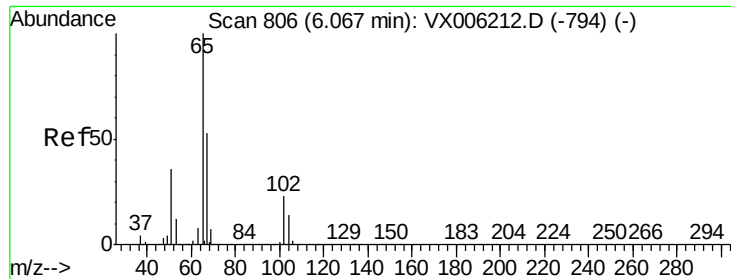
99 65.1 51.6 77.4

61 38.5 30.6 46.0



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

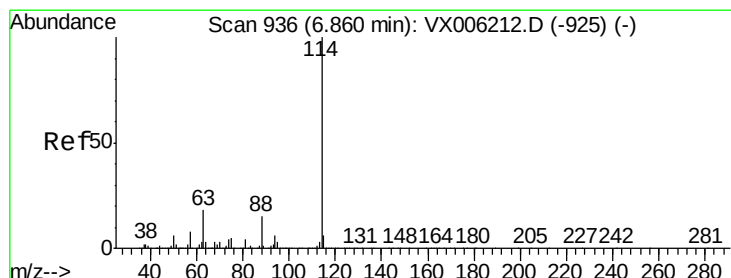
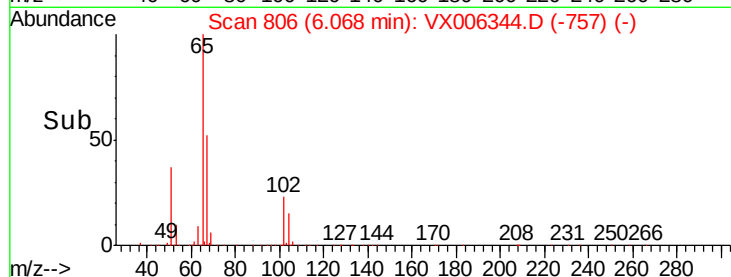
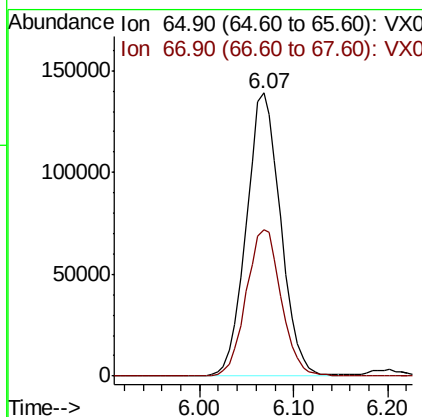
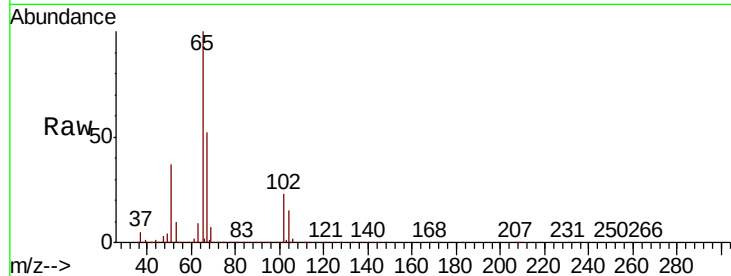




#33
 1,2-Dichloroethane-d4
 Concen: 51.208 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006344.D
 Acq: 07 Dec 2018 13:51

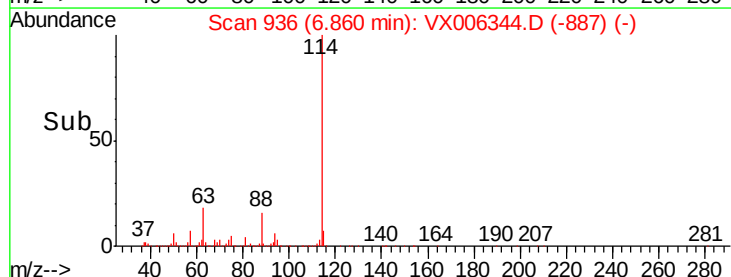
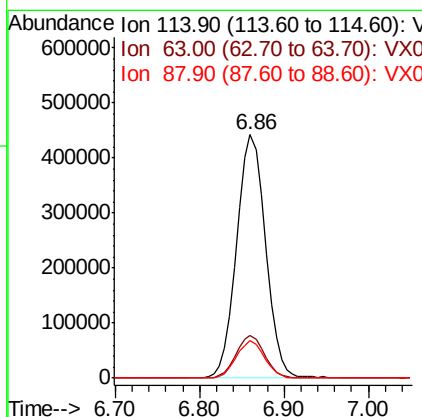
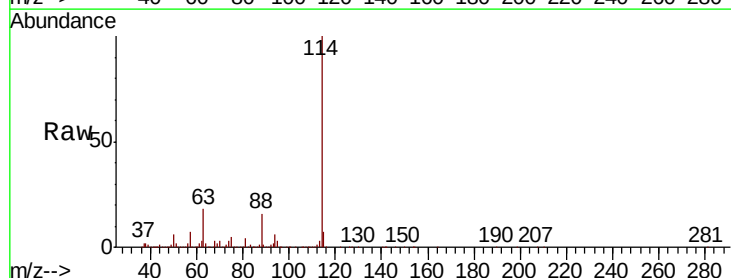
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBSD01

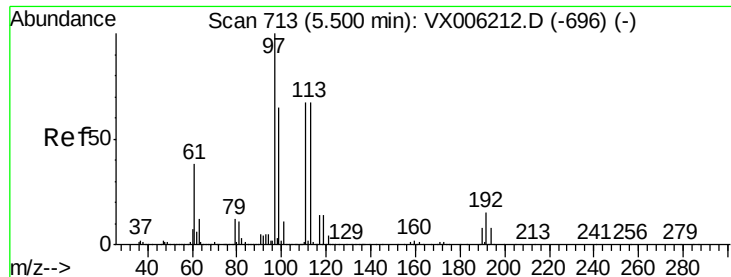
Tot Ion: 65 Resp: 355919
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006344.D
 Acq: 07 Dec 2018 13:51

Tgt Ion: 114 Resp: 1028614
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 36.6
 88 15.6 0.0 29.0

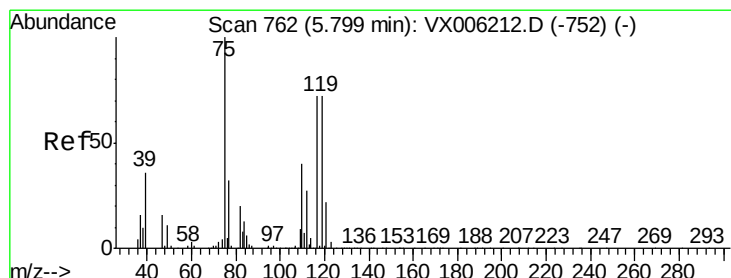
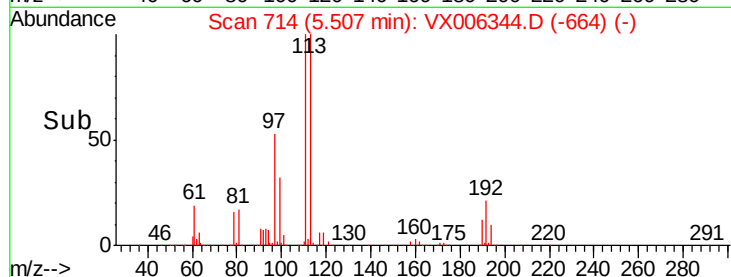
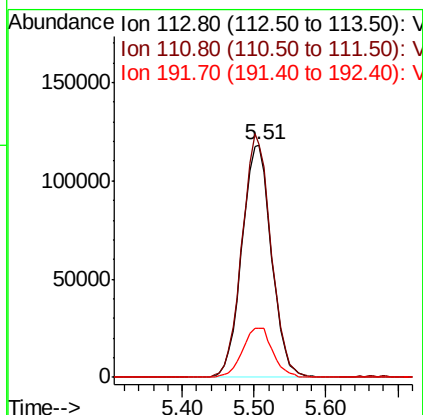
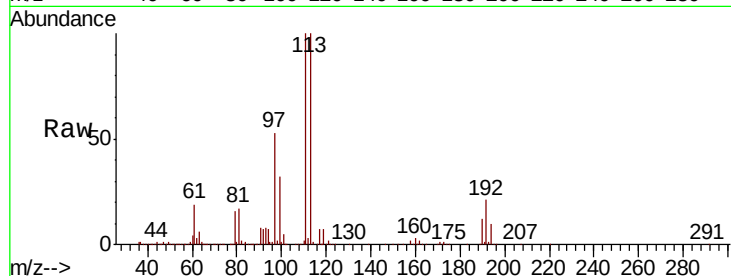




#35
 Dibromofluoromethane
 Concen: 50.466 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX006344.D
 Acq: 07 Dec 2018 13:51

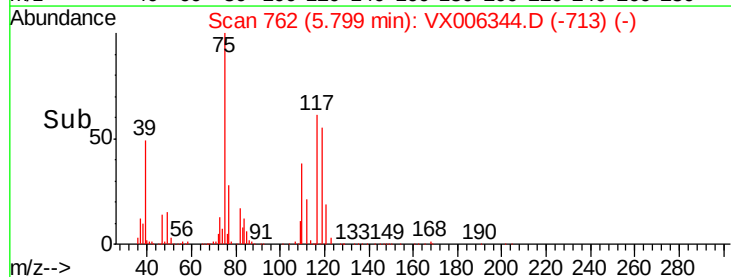
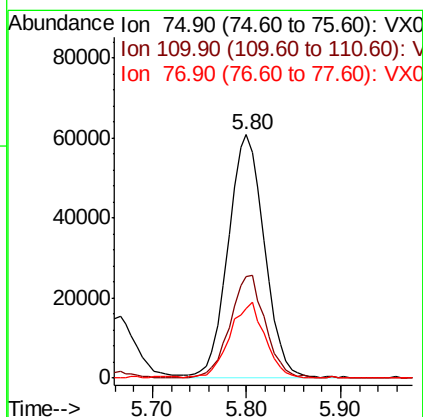
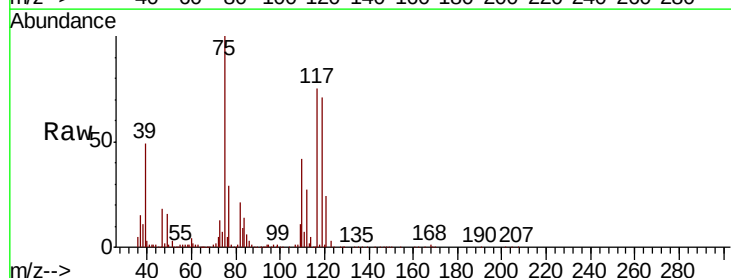
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBSD01

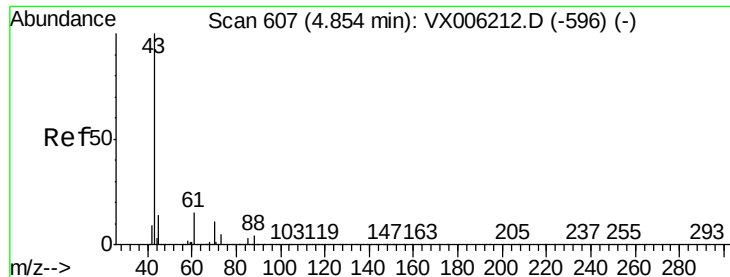
Tot Ion:113 Resp: 336095
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.1 121.7
 192 21.7 18.2 27.2



#36
 1,1-Dichloropropene
 Concen: 18.715 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX006344.D
 Acq: 07 Dec 2018 13:51

Tgt Ion: 75 Resp: 162112
 Ion Ratio Lower Upper
 75 100
 110 41.5 20.4 61.3
 77 30.0 24.9 37.3

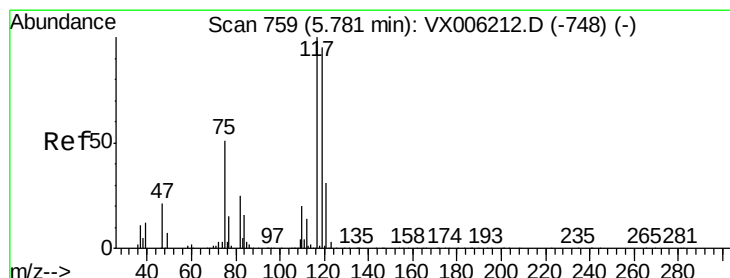
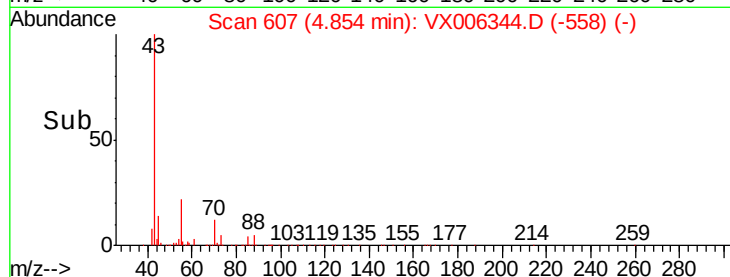
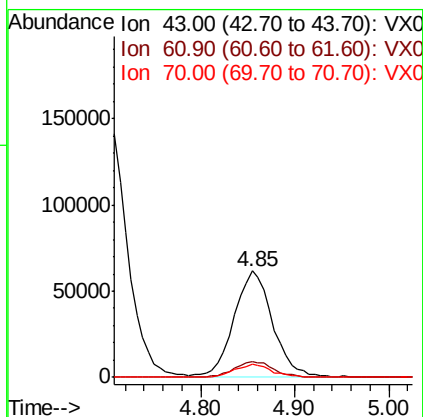
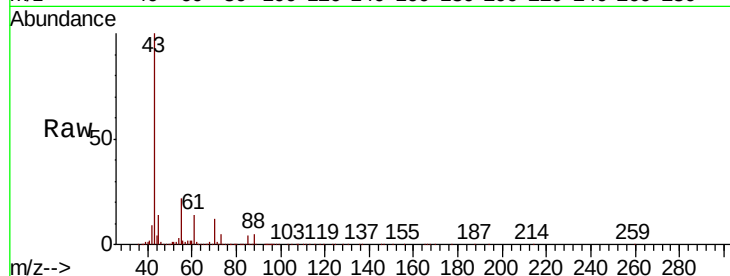




#37
Ethyl Acetate
Concen: 17.941 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

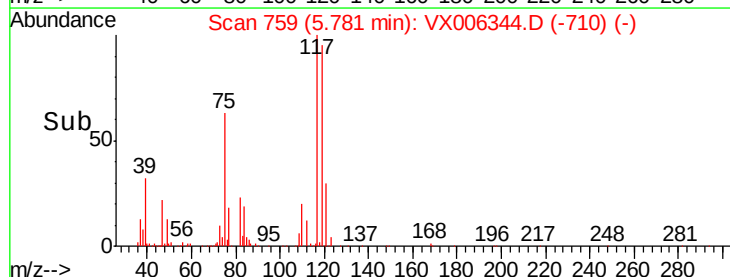
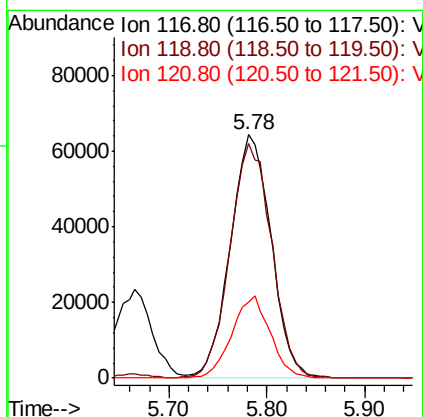
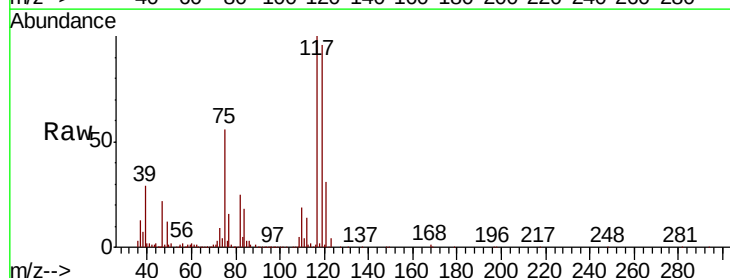
Instrument :
MSVOA_X
ClientSampleId :
VX1207WBSD01

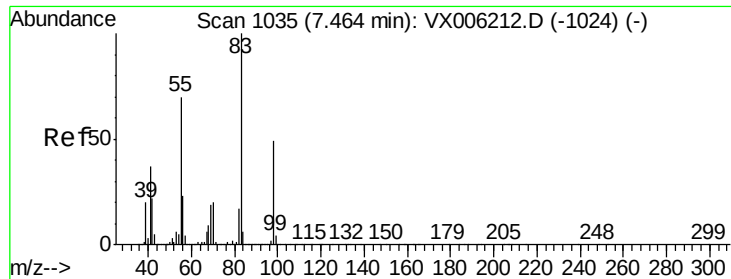
Tot Ion: 43 Resp: 174032
Ion Ratio Lower Upper
43 100
61 15.4 11.5 17.3
70 12.1 9.0 13.6



#38
Carbon Tetrachloride
Concen: 18.205 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Tgt Ion: 117 Resp: 185507
Ion Ratio Lower Upper
117 100
119 96.2 75.8 113.8
121 31.5 24.6 37.0

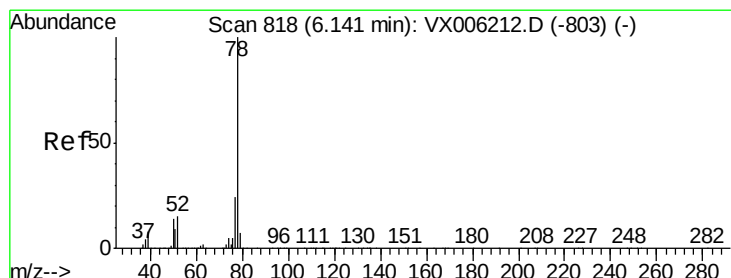
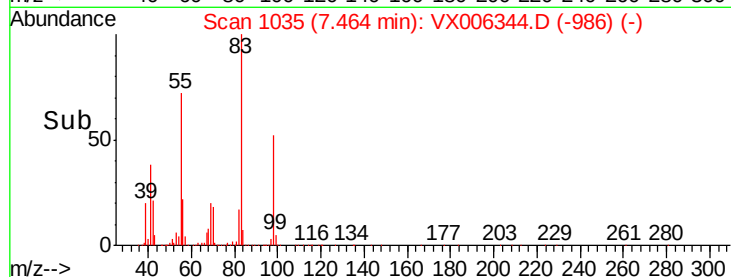
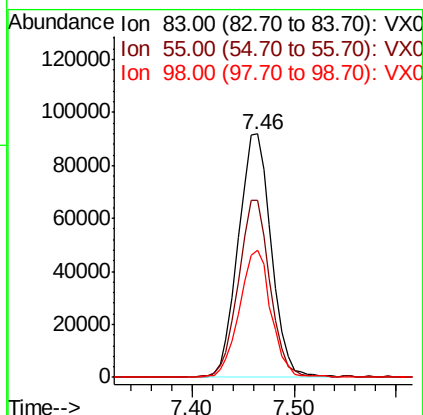
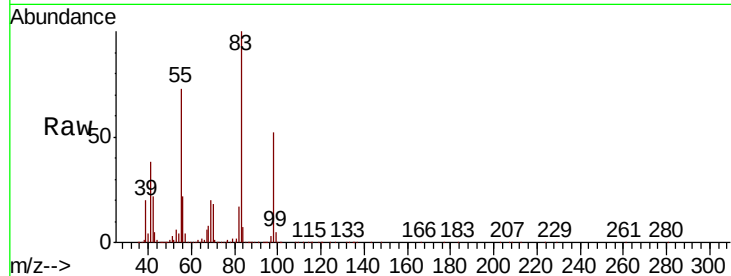




#39
Methylvlcyclohexane
Concen: 18.355 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

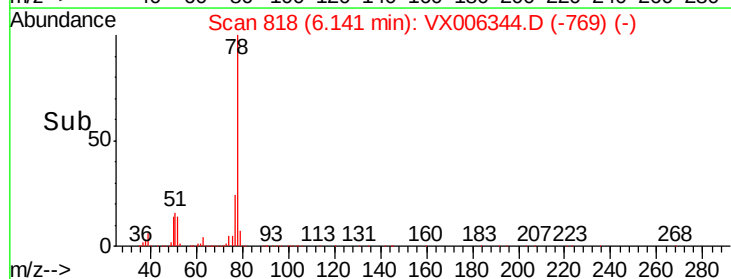
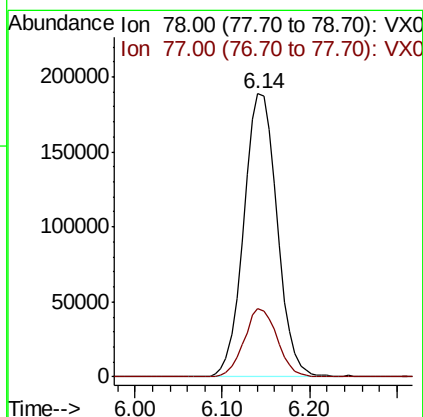
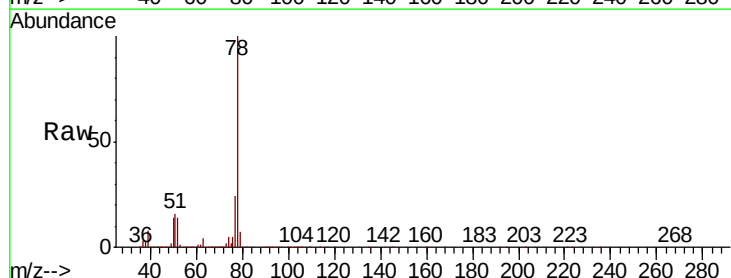
Instrument :
MSVOA_X
ClientSampleId :
VX1207WBSD01

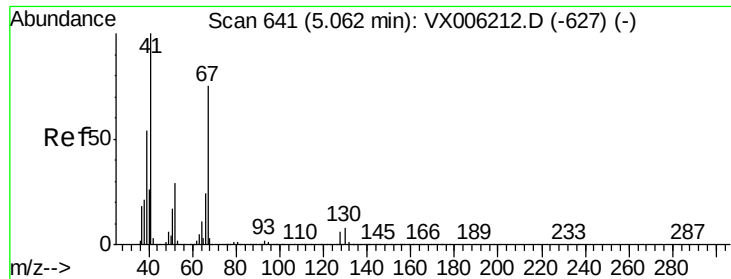
Tot Ion	Ratio	Lower	Upper
83	100		
55	72.5	56.4	84.6
98	51.9	39.0	58.6



#40
Benzene
Concen: 19.311 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.2	28.8

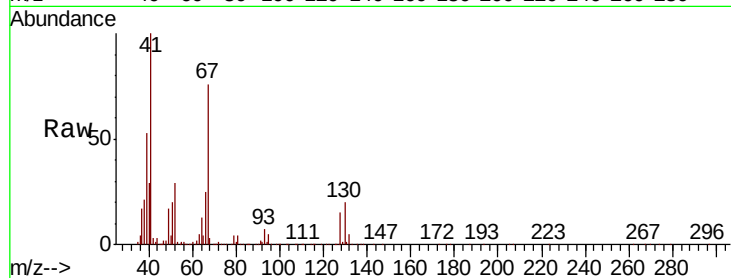




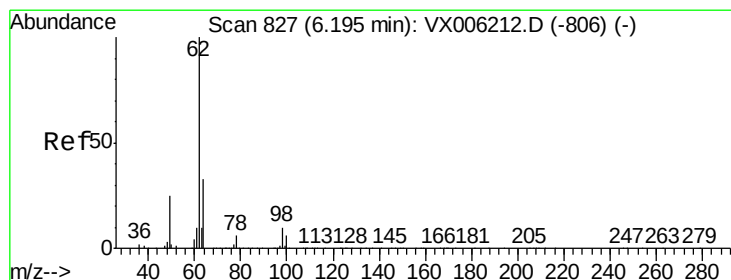
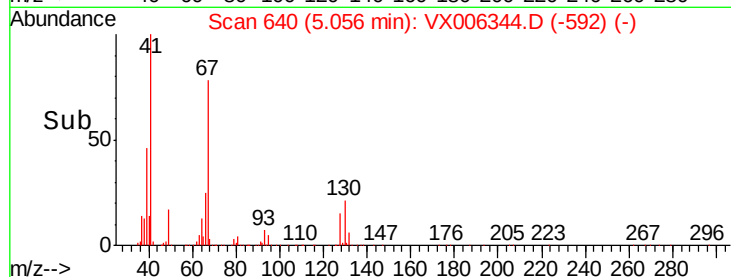
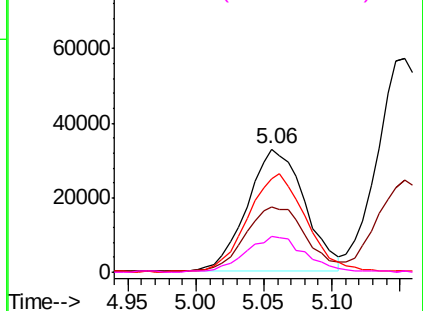
#41
Methacrylonitrile
Concen: 18.047 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBSD01

Tot Ion:	41	Resp:	96326
Ion	Ratio	Lower	Upper
41	100		
39	55.4	44.0	66.0
67	81.5	61.4	92.0
52	30.9	23.5	35.3

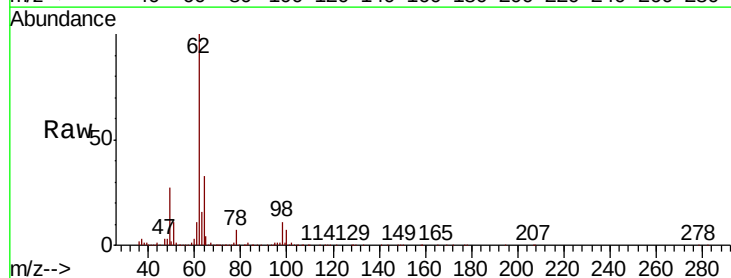


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

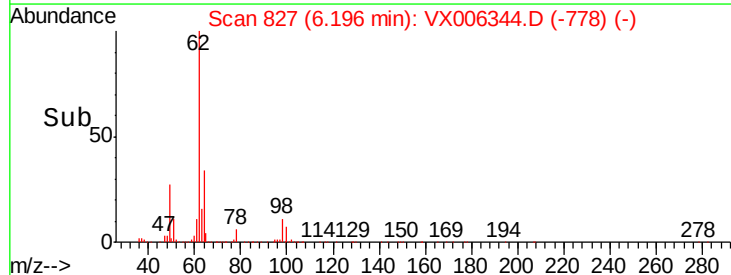
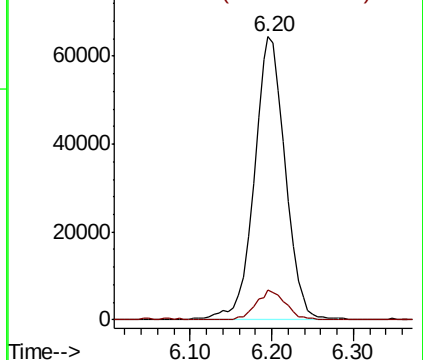


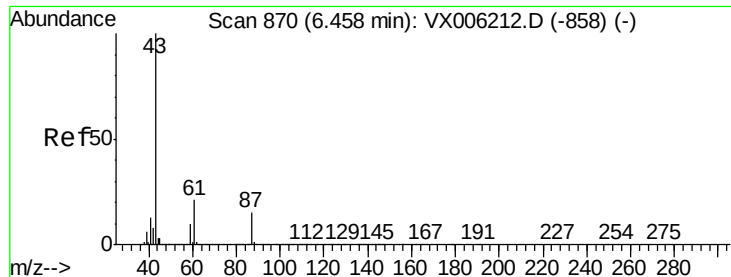
#42
1,2-Dichloroethane
Concen: 19.872 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Tgt Ion:	62	Resp:	168726
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.2



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



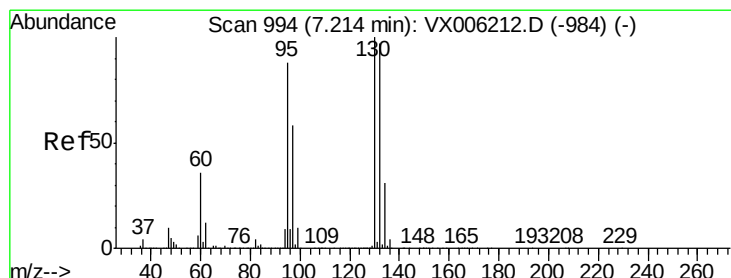
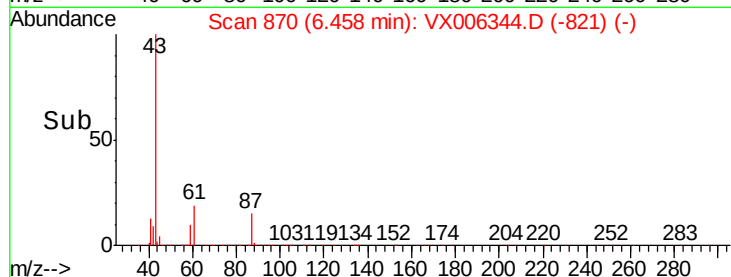
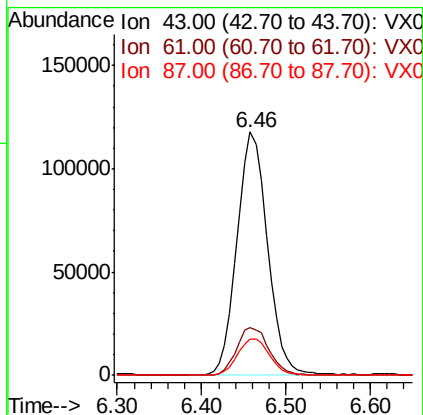
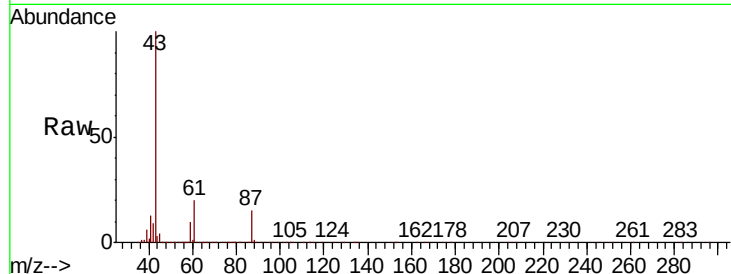


#43

Isopropyl Acetate
 Concen: 17.770 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006344.D
 Acq: 07 Dec 2018 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBSD01

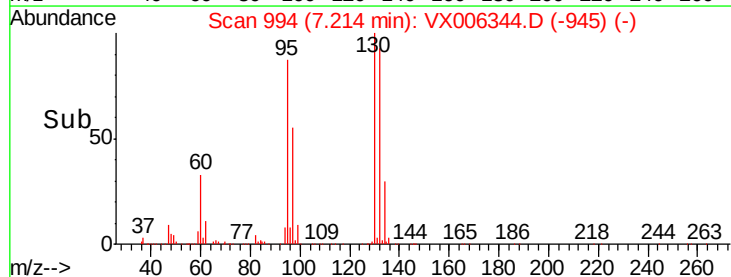
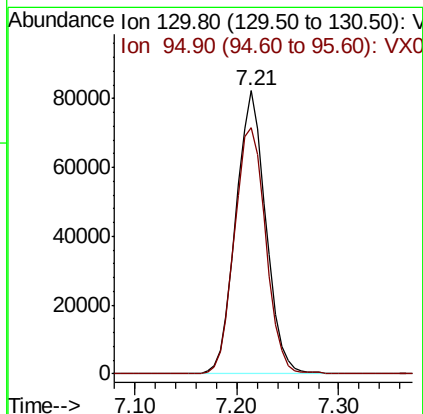
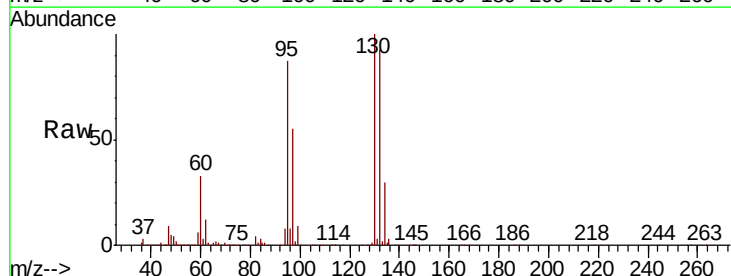
Tot Ion	43	Resp	287396
Ion Ratio	Lower	Upper	
43	100		
61	21.0	16.8	25.2
87	16.0	11.9	17.9

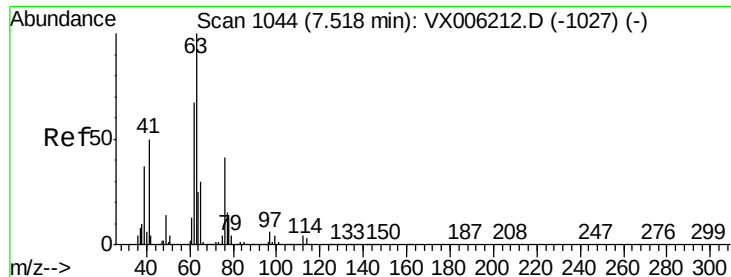


#44

Trichloroethene
 Concen: 21.331 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006344.D
 Acq: 07 Dec 2018 13:51

Tgt Ion	130	Resp	167647
Ion Ratio	Lower	Upper	
130	100		
95	86.8	0.0	175.8

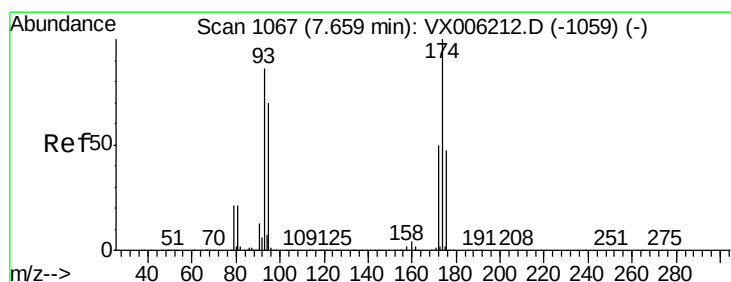
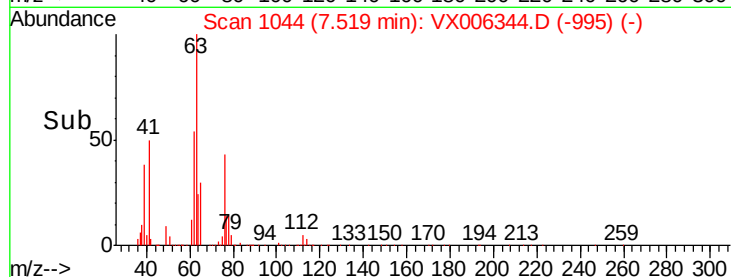
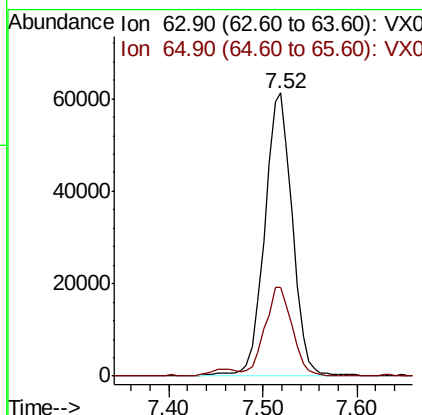
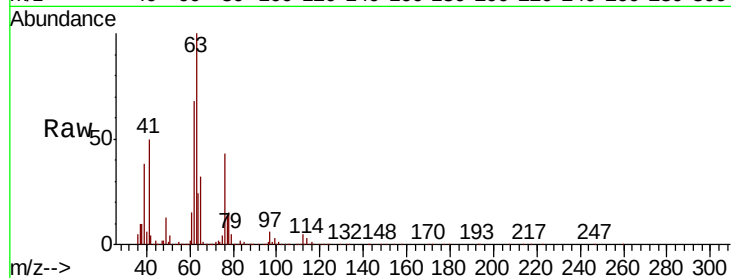




#45
 1,2-Dichloropropane
 Concen: 19.025 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX006344.D
 Acq: 07 Dec 2018 13:51

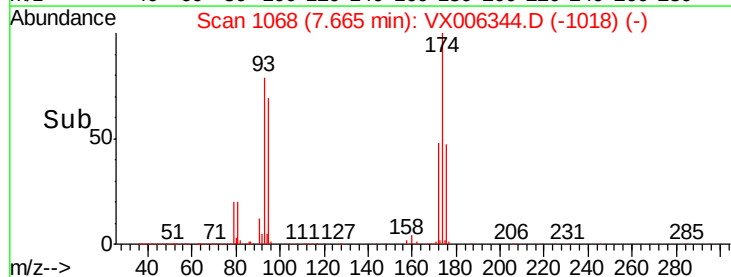
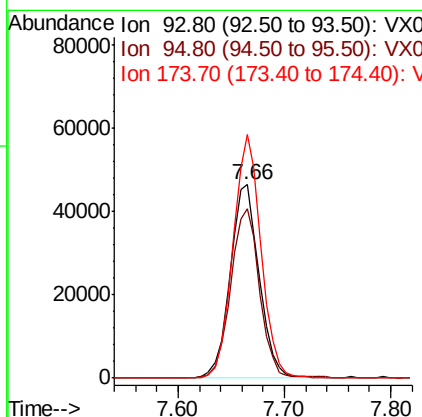
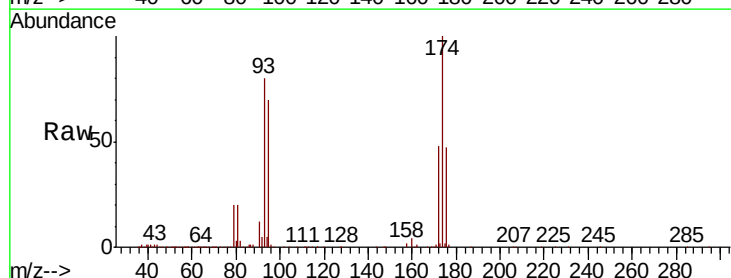
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBSD01

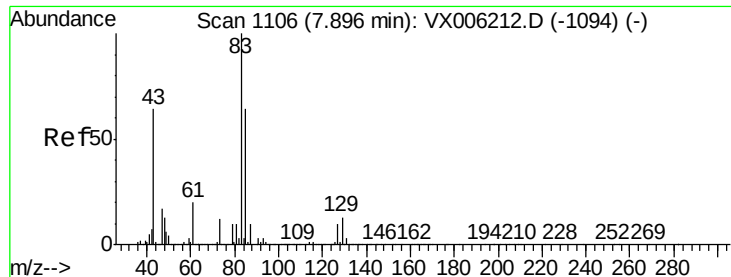
Tot Ion: 63 Resp: 125443
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.3 36.5



#46
 Dibromomethane
 Concen: 18.718 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX006344.D
 Acq: 07 Dec 2018 13:51

Tgt Ion: 93 Resp: 89136
 Ion Ratio Lower Upper
 93 100
 95 86.6 66.2 99.4
 174 121.1 97.2 145.8





#47

Bromodichloromethane

Concen: 18.311 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBSD01

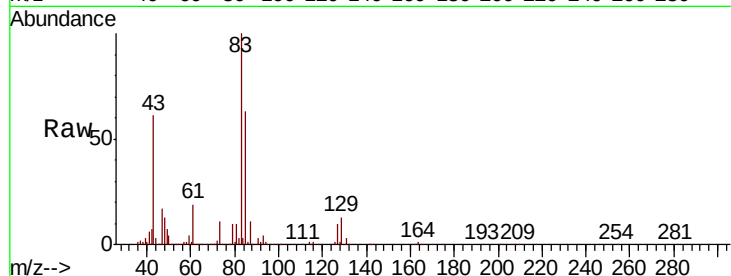
Tot Ion: 83 Resp: 168861

Ion Ratio Lower Upper

83 100

85 62.6 51.4 77.0

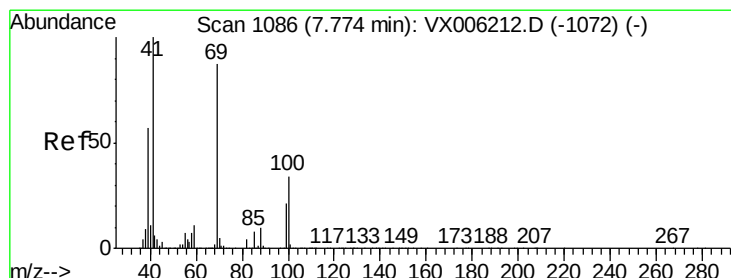
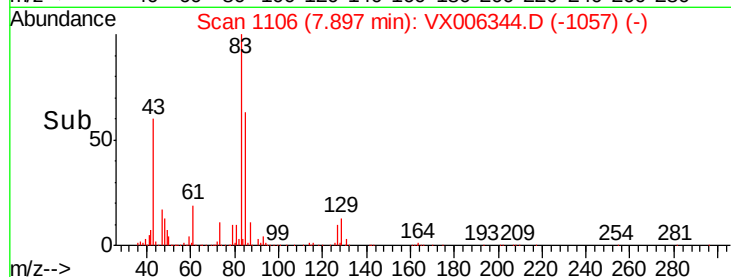
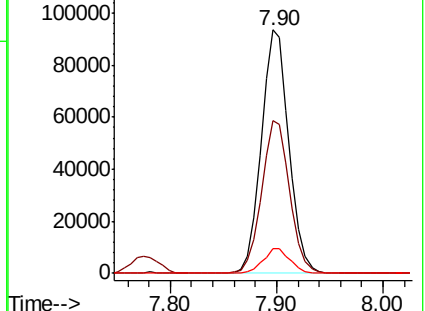
127 10.4 7.9 11.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.348 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

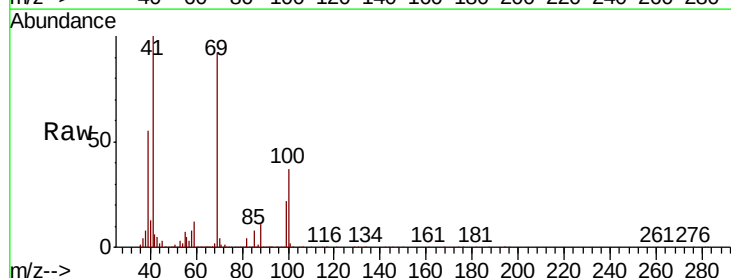
Tgt Ion: 41 Resp: 144362

Ion Ratio Lower Upper

41 100

69 91.5 70.3 105.5

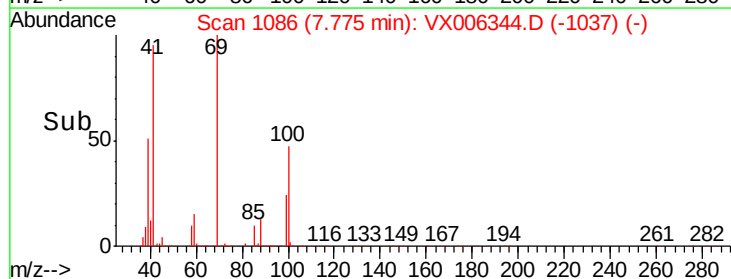
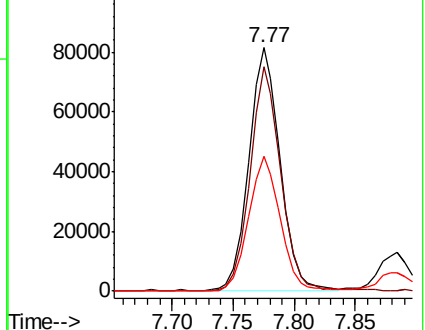
39 55.7 45.3 67.9

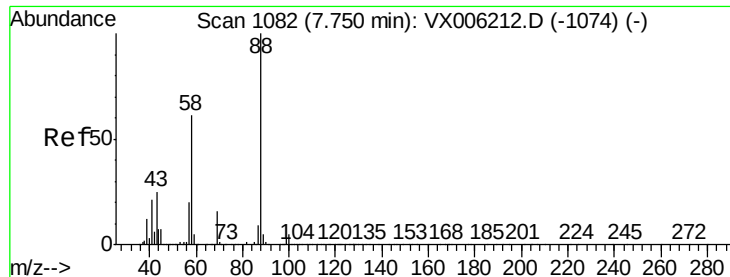


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 387.407 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBSD01

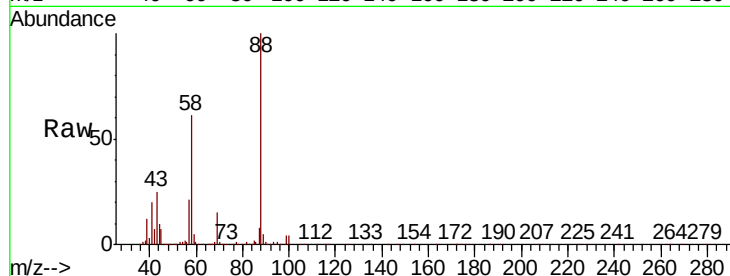
Tot Ion: 88 Resp: 75126

Ion Ratio Lower Upper

88 100

43 27.8 23.2 34.8

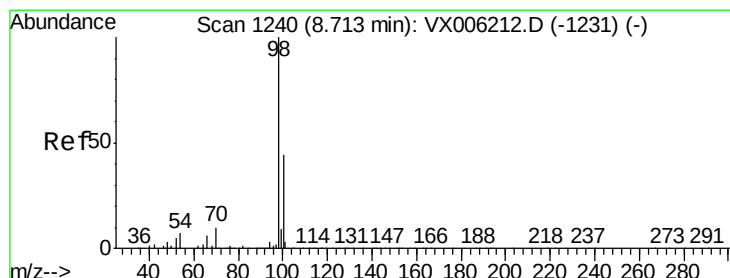
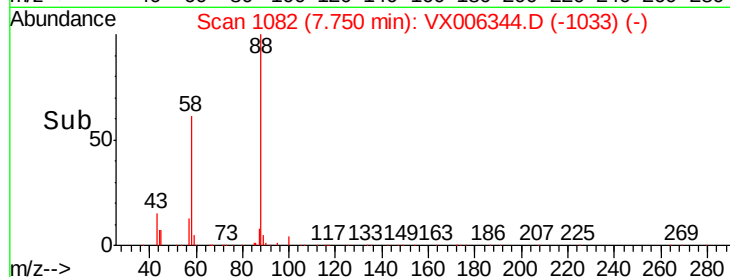
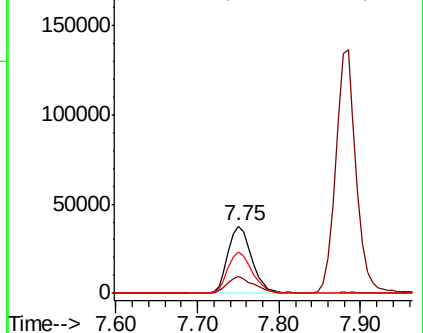
58 62.2 51.4 77.0



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.604 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006344.D

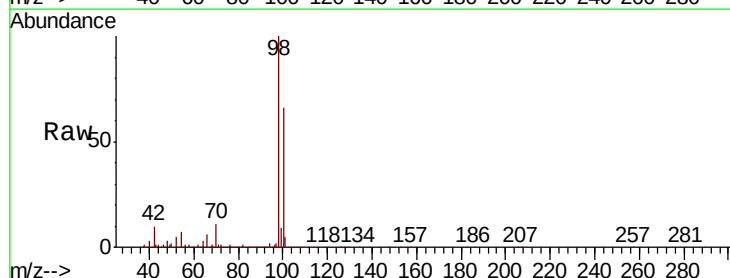
Acq: 07 Dec 2018 13:51

Tgt Ion: 98 Resp: 1201642

Ion Ratio Lower Upper

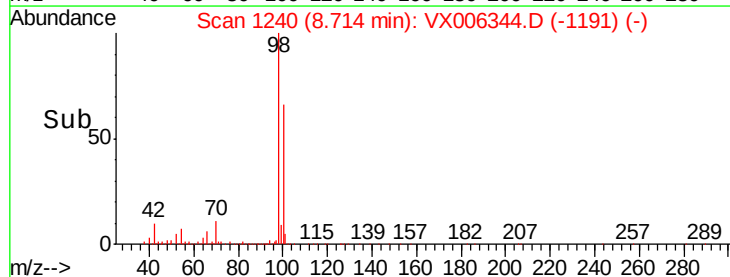
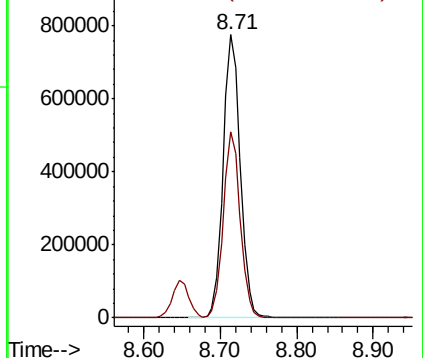
98 100

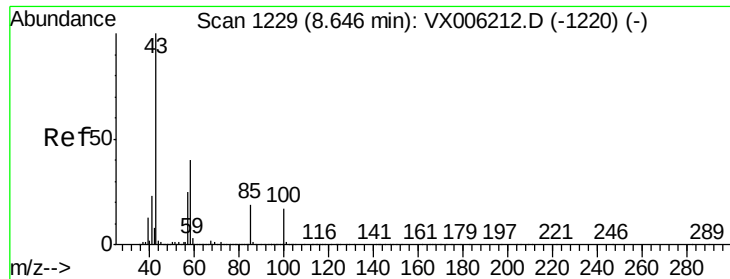
100 65.0 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 93.433 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

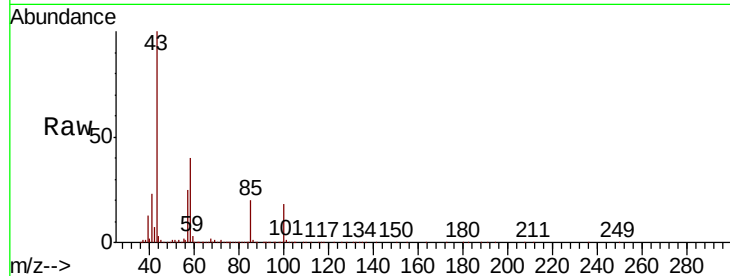
VX1207WBSD01

Tot Ion: 43 Resp: 879682

Ion Ratio Lower Upper

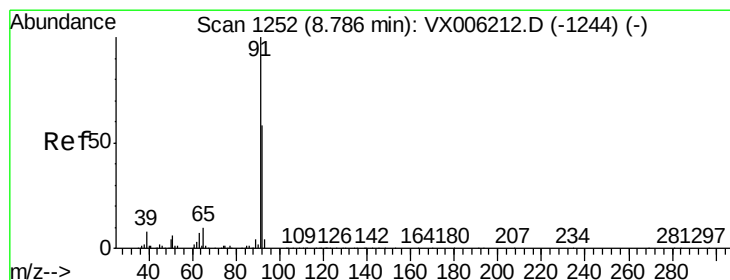
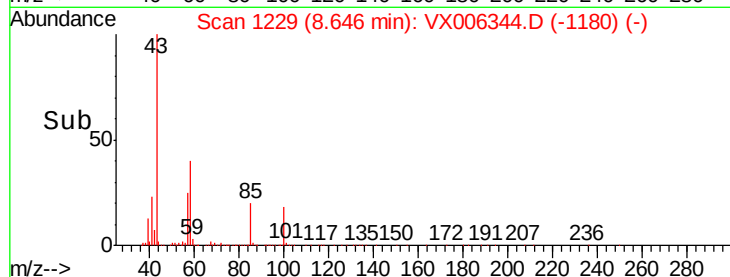
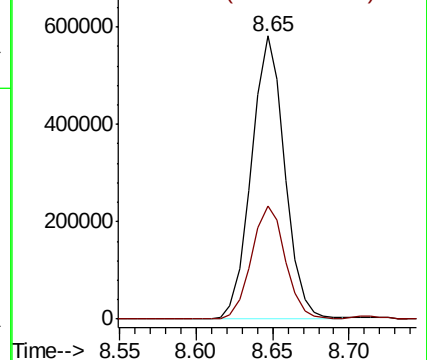
43 100

58 40.6 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.114 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006344.D

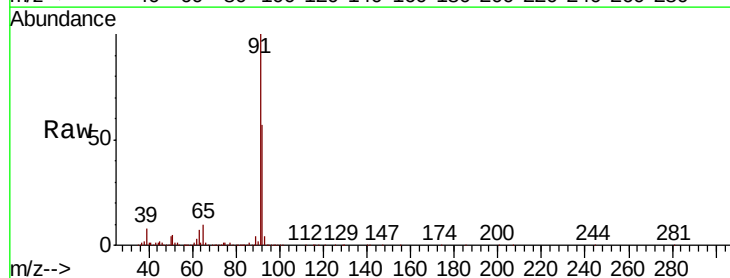
Acq: 07 Dec 2018 13:51

Tgt Ion: 92 Resp: 326242

Ion Ratio Lower Upper

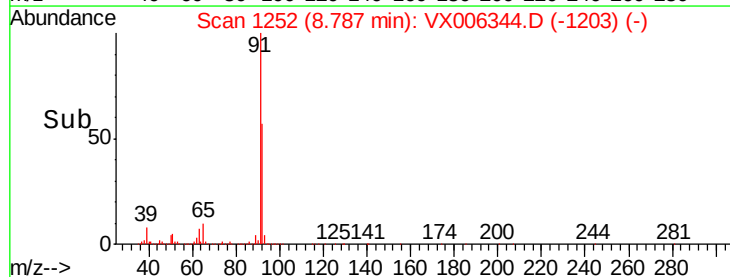
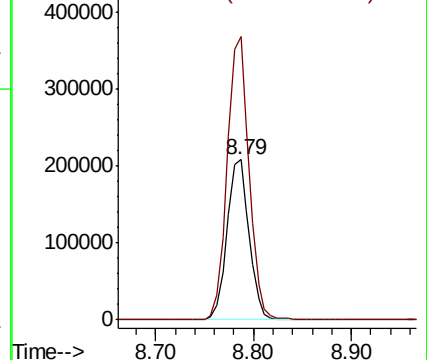
92 100

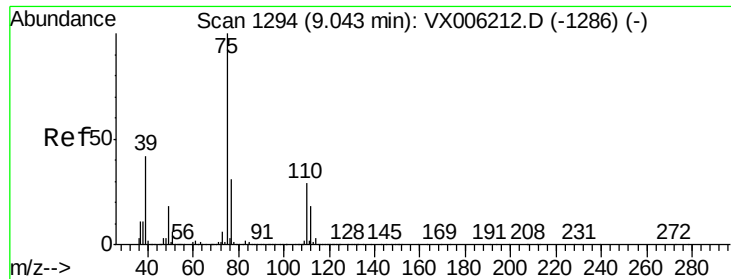
91 174.5 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

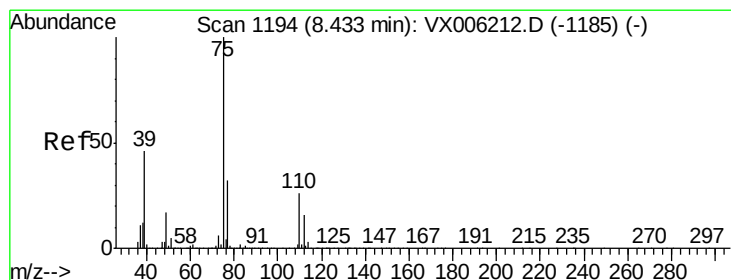
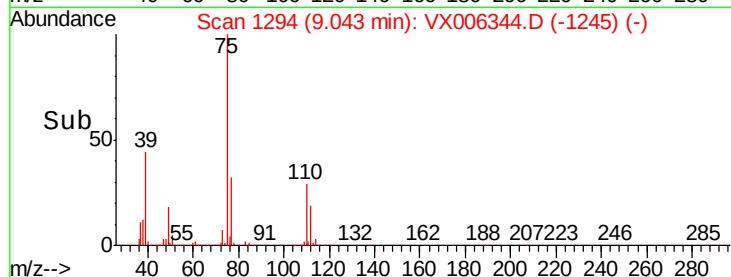
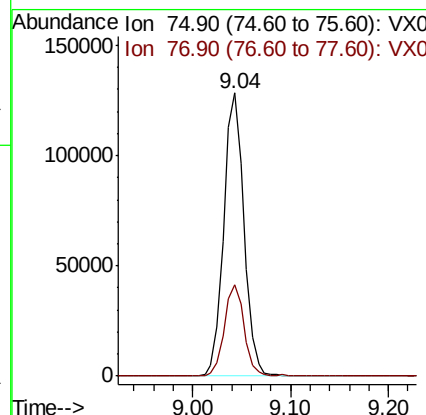
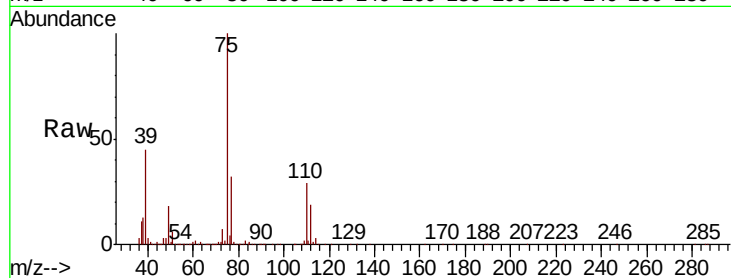




#53
t-1,3-Dichloropropene
Concen: 17.042 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

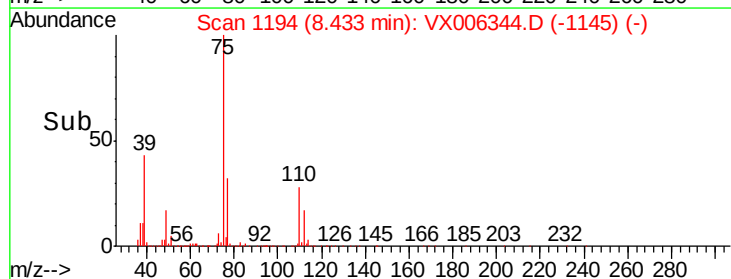
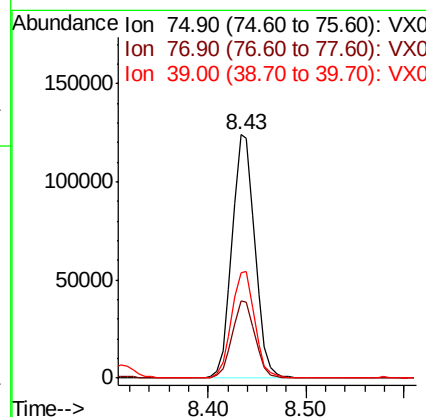
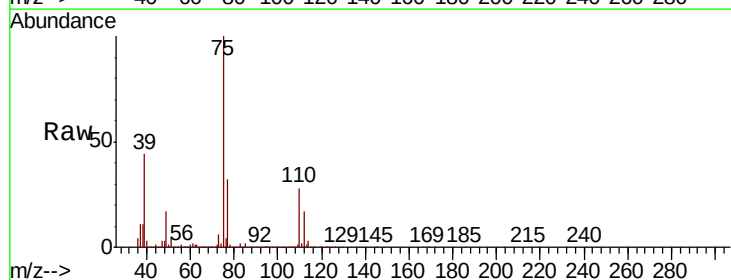
Instrument :
MSVOA_X
ClientSampleId :
VX1207WBSD01

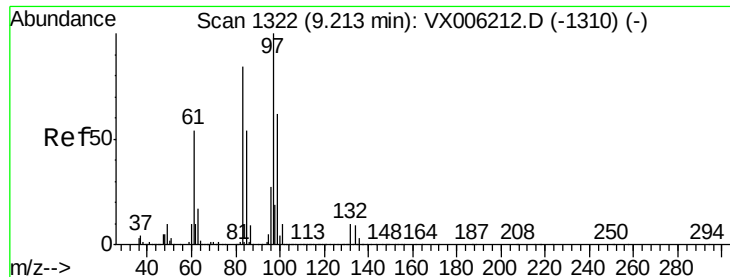
Tot Ion: 75 Resp: 183798
Ion Ratio Lower Upper
75 100
77 32.1 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 18.033 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Tgt Ion: 75 Resp: 201952
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4
39 43.3 36.5 54.7

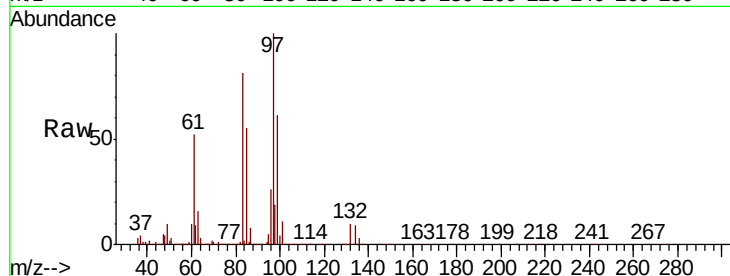




#55
 1,1,2-Trichloroethane
 Concen: 19.682 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006344.D
 Acq: 07 Dec 2018 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBSD01

Tot Ion:	97	Resp:	136473
Ion	Ratio	Lower	Upper
97	100		
83	80.5	67.1	100.7
85	55.0	43.2	64.8
99	61.0	49.8	74.6



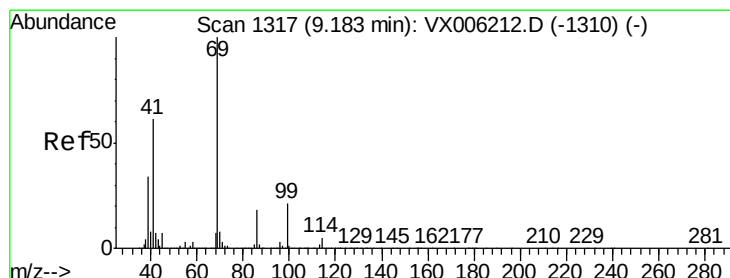
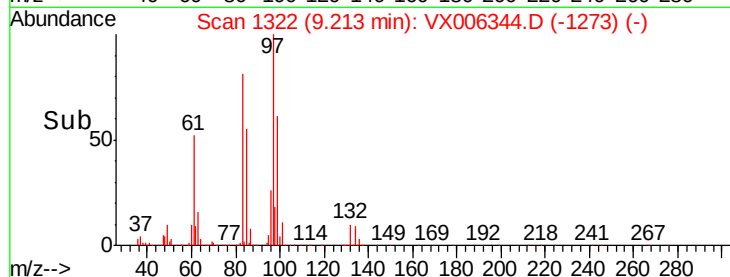
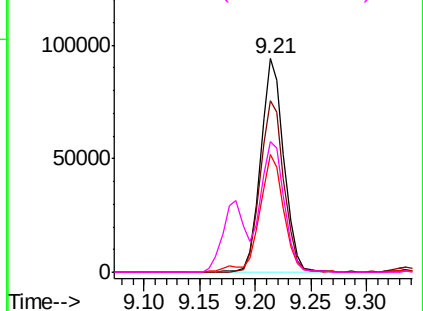
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

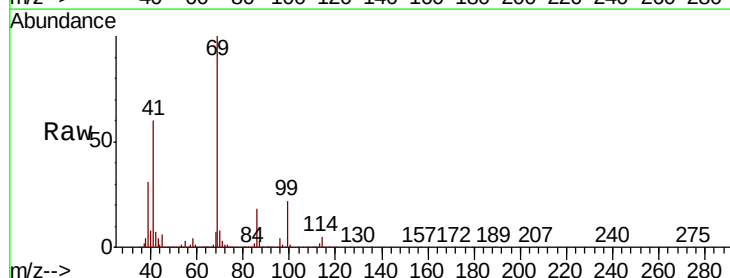
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 18.719 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX006344.D
 Acq: 07 Dec 2018 13:51

Tgt Ion:	69	Resp:	202919
Ion	Ratio	Lower	Upper
69	100		
41	61.6	50.6	76.0
39	32.5	27.6	41.4

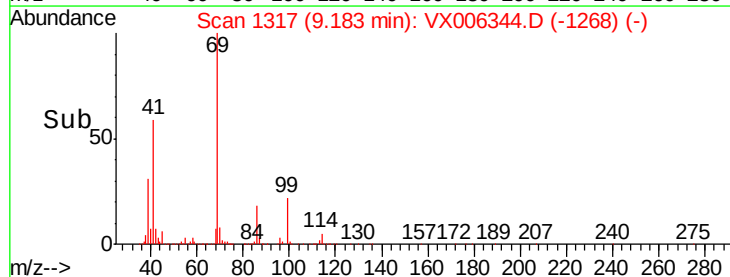
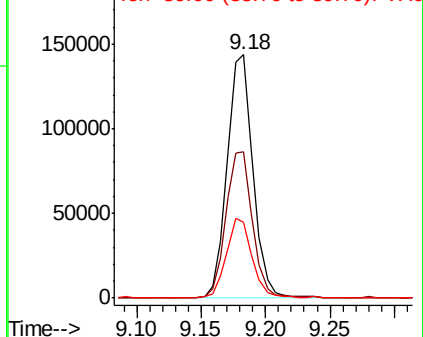


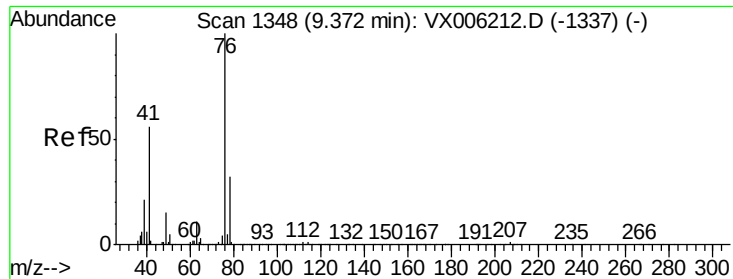
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

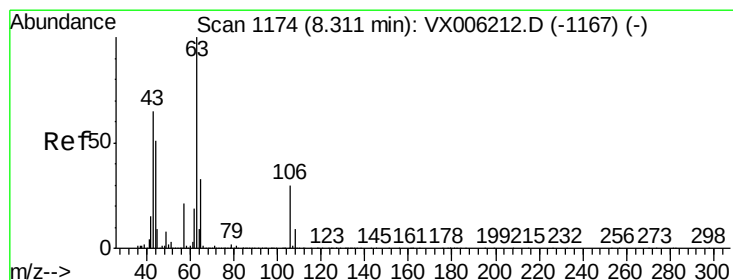
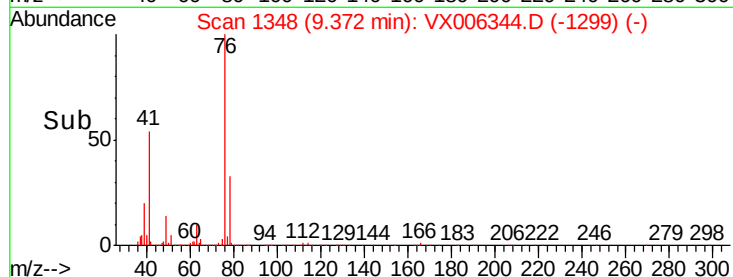
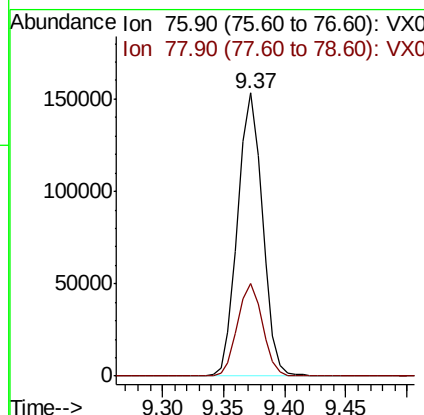
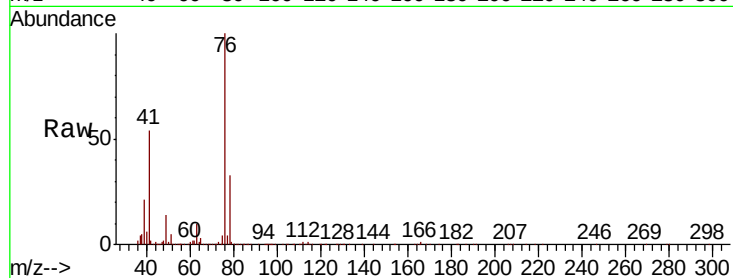




#57
 1,3-Dichloropropane
 Concen: 19.726 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006344.D
 Acq: 07 Dec 2018 13:51

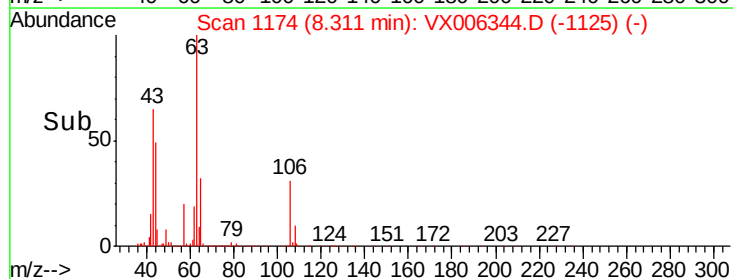
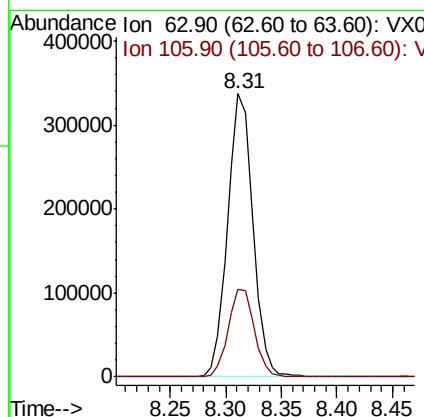
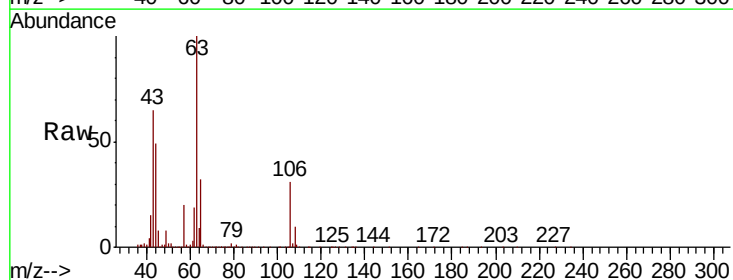
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBSD01

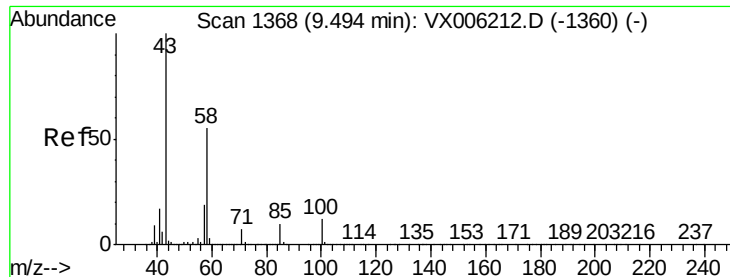
Tot Ion: 76 Resp: 216295
 Ion Ratio Lower Upper
 76 100
 78 33.1 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.572 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX006344.D
 Acq: 07 Dec 2018 13:51

Tgt Ion: 63 Resp: 531223
 Ion Ratio Lower Upper
 63 100
 106 32.0 24.9 37.3

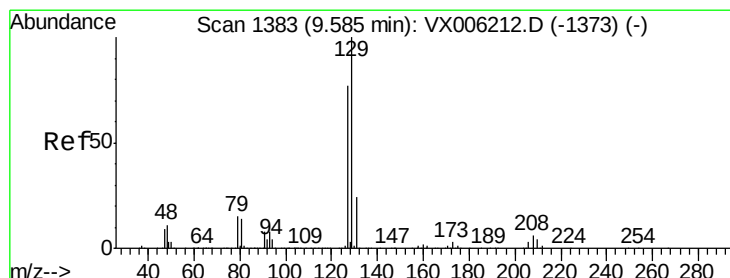
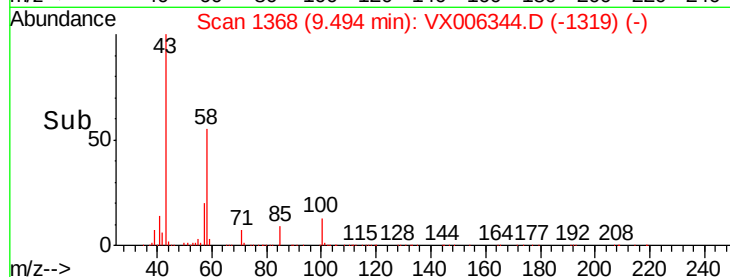
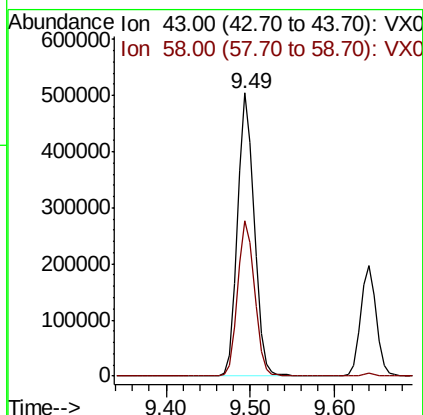
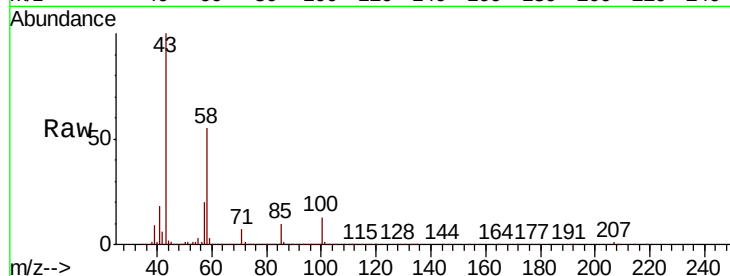




#59
2-Hexanone
Concen: 93.117 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

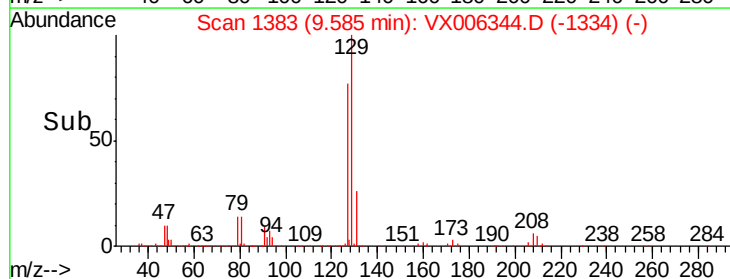
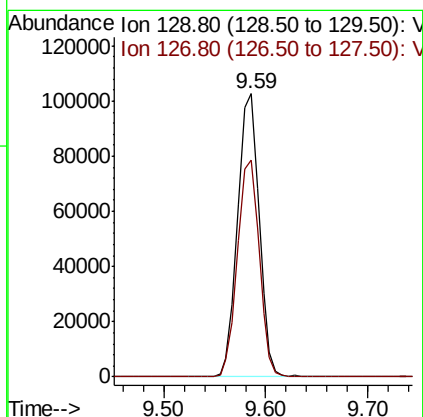
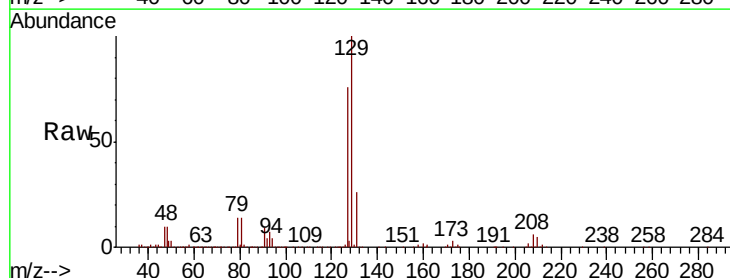
Instrument :
MSVOA_X
ClientSampleId :
VX1207WBSD01

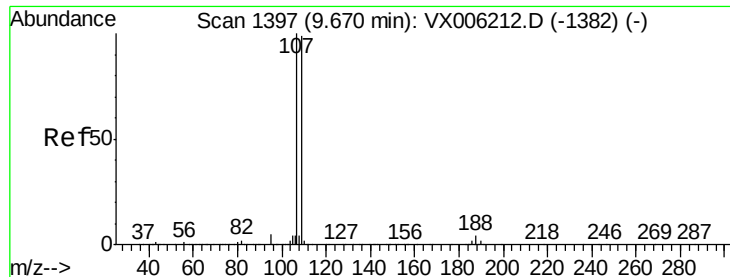
Tot Ion: 43 Resp: 669807
Ion Ratio Lower Upper
43 100
58 55.7 27.7 83.1



#60
Dibromochloromethane
Concen: 17.489 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Tgt Ion: 129 Resp: 149535
Ion Ratio Lower Upper
129 100
127 77.6 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.174 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

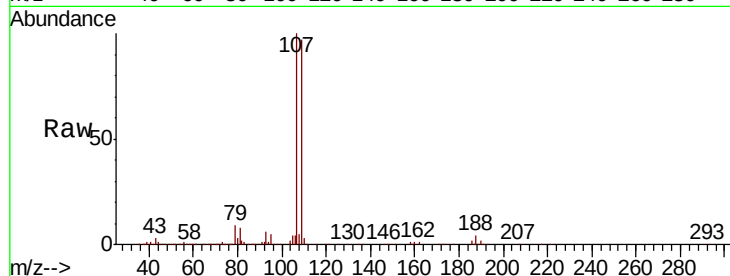
VX1207WBSD01

Tot Ion:107 Resp: 148664

Ion Ratio Lower Upper

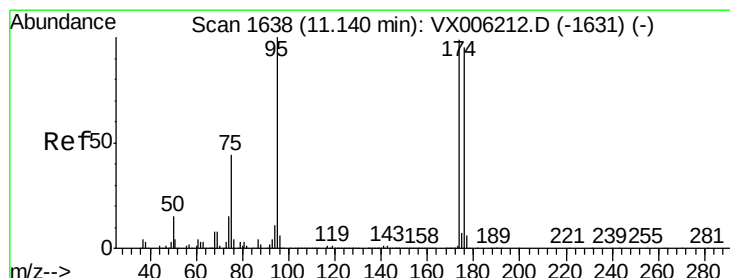
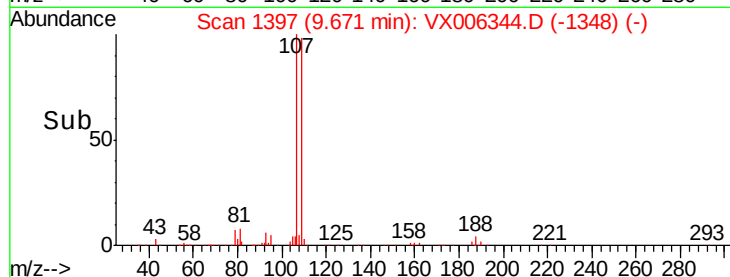
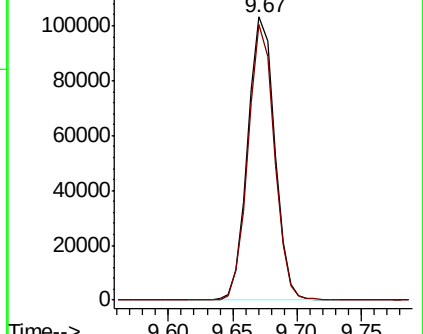
107 100

109 94.9 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.047 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

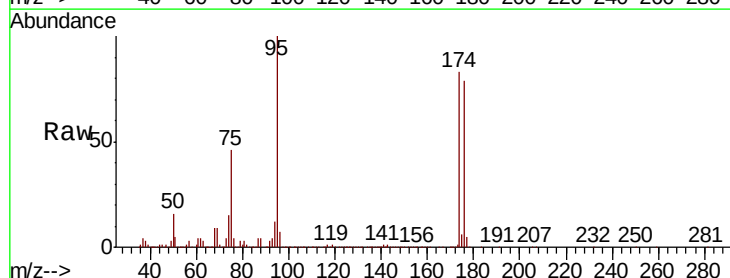
Tgt Ion: 95 Resp: 447728

Ion Ratio Lower Upper

95 100

174 91.1 0.0 187.0

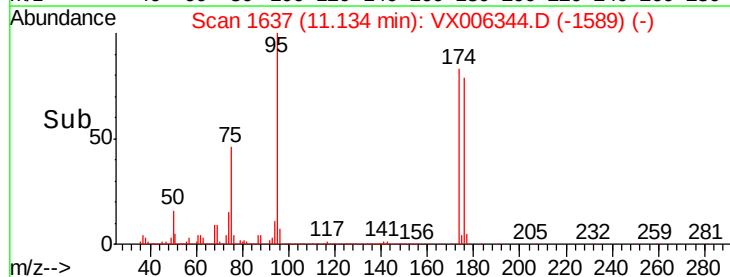
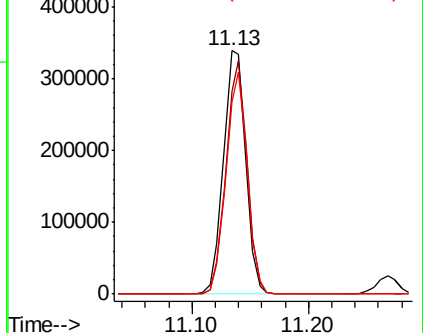
176 87.2 0.0 181.8

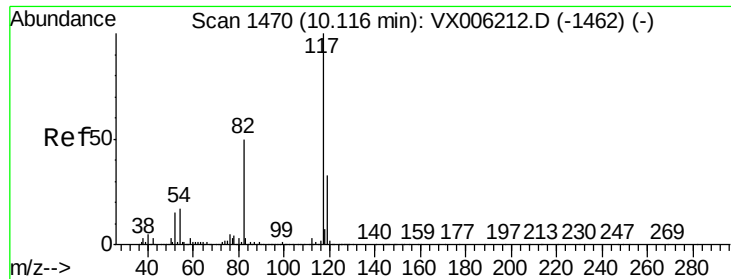


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

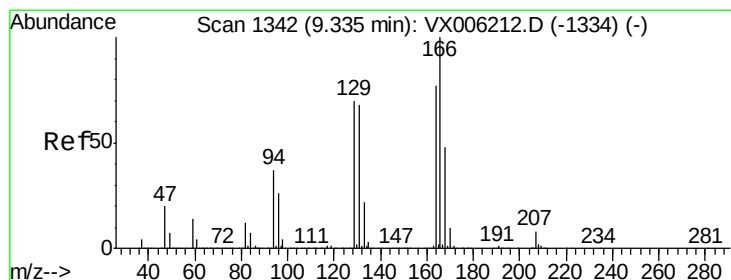
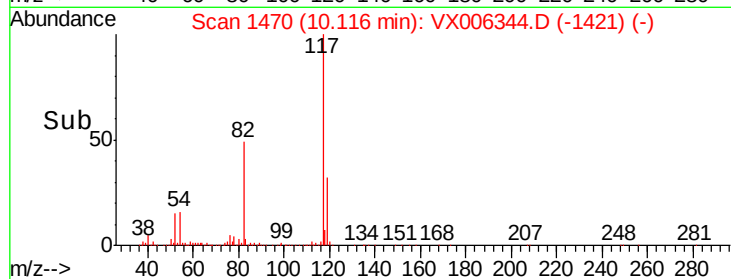
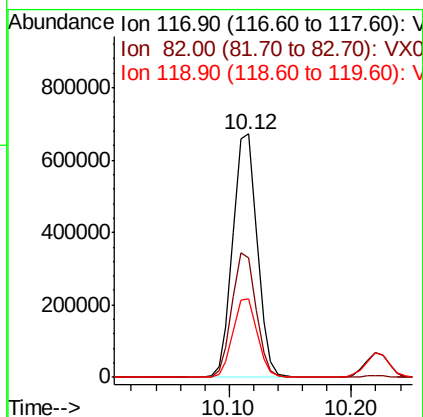
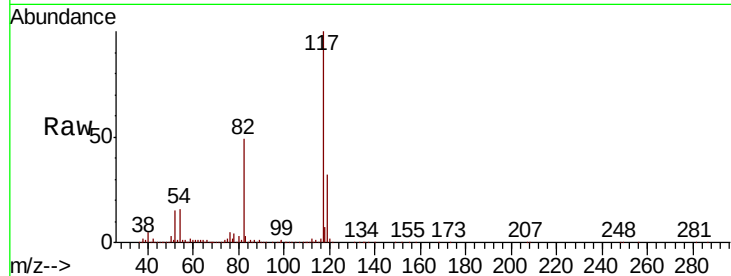




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

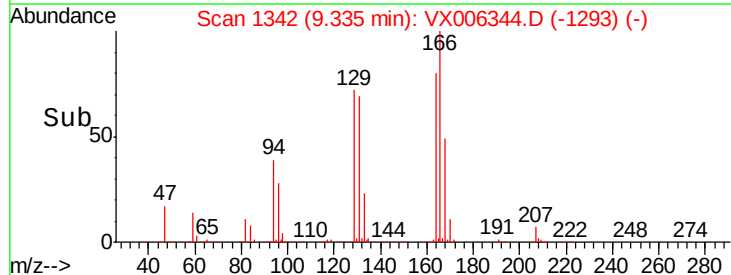
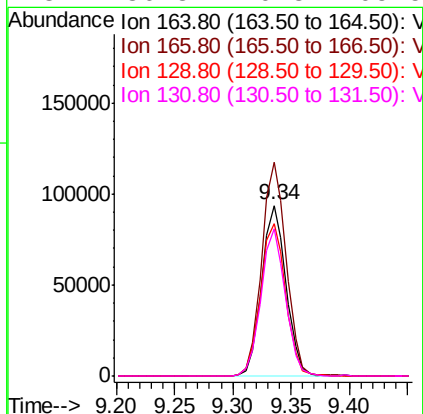
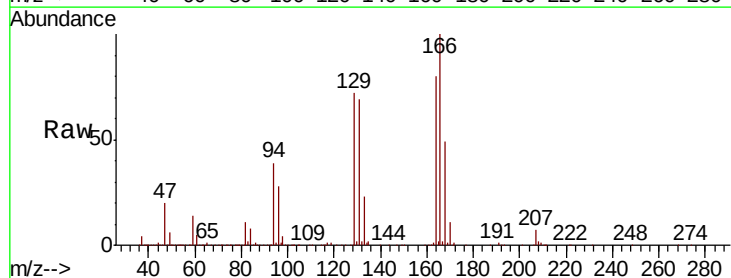
Instrument :
MSVOA_X
ClientSampleId :
VX1207WBSD01

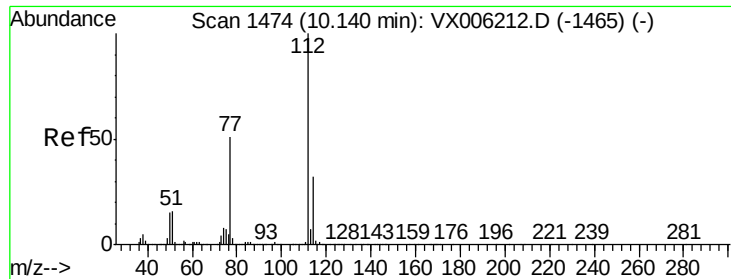
Tot Ion:117 Resp: 923389
Ion Ratio Lower Upper
117 100
82 49.2 39.6 59.4
119 32.4 26.3 39.5



#64
Tetrachloroethene
Concen: 19.571 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Tgt Ion:164 Resp: 136097
Ion Ratio Lower Upper
164 100
166 125.1 104.2 156.2
129 89.4 72.6 108.8
131 86.3 70.3 105.5

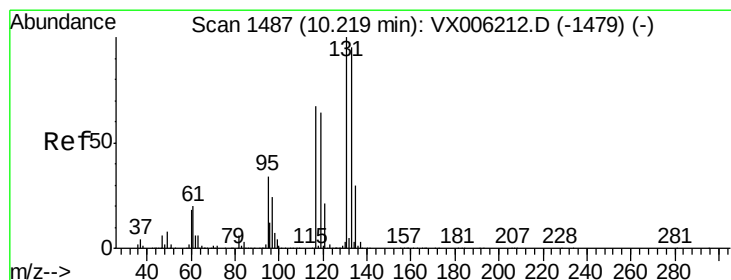
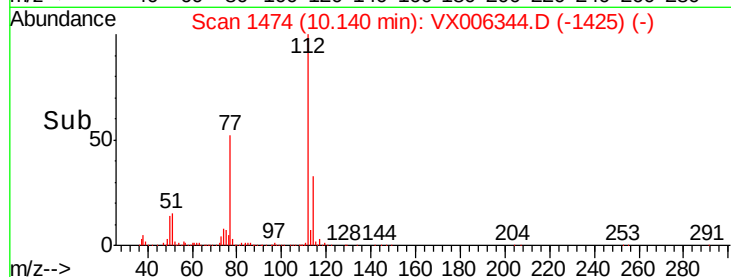
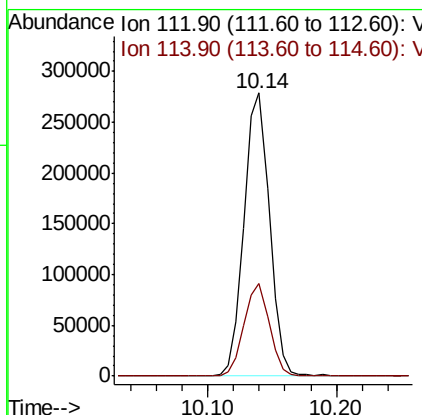
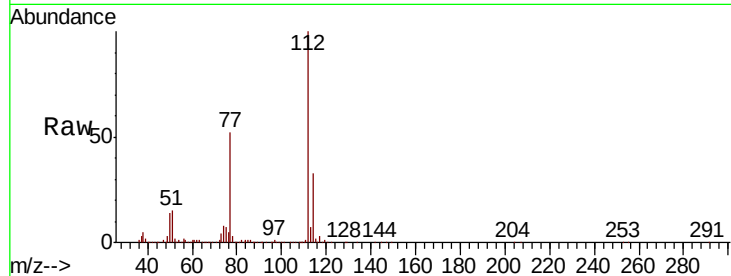




#65
Chlorobenzene
Concen: 19.376 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

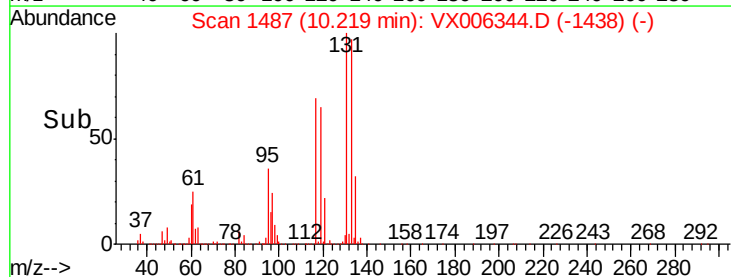
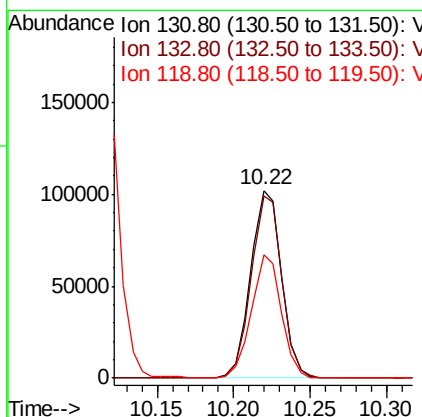
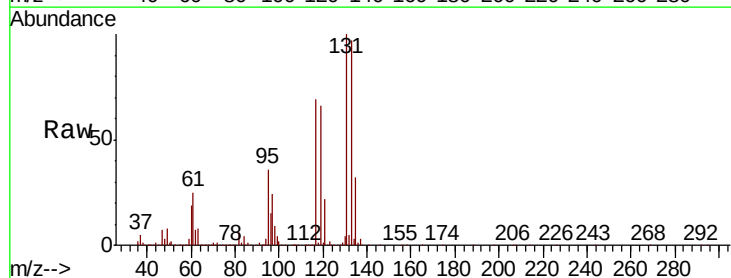
Instrument :
MSVOA_X
ClientSampleId :
VX1207WBSD01

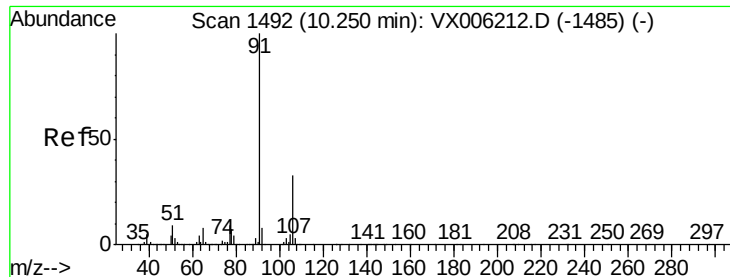
Tot Ion:112 Resp: 379807
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 18.795 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Tgt Ion:131 Resp: 143137
Ion Ratio Lower Upper
131 100
133 96.6 48.1 144.4
119 63.6 32.1 96.3





#67

Ethyl Benzene

Concen: 19.101 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

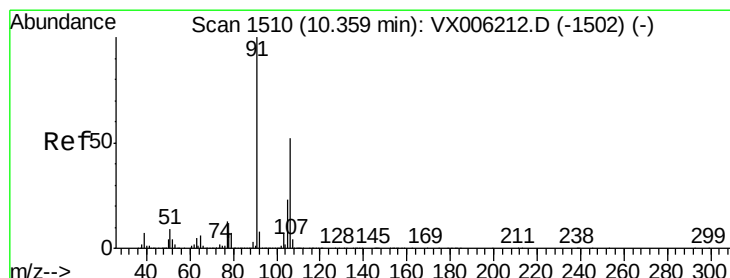
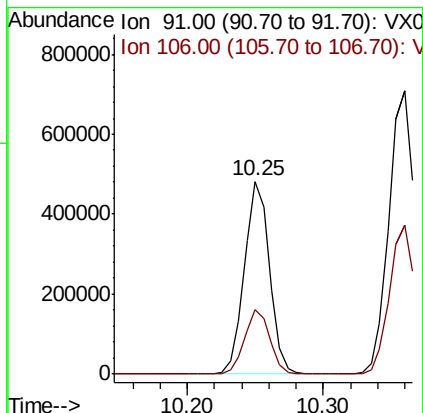
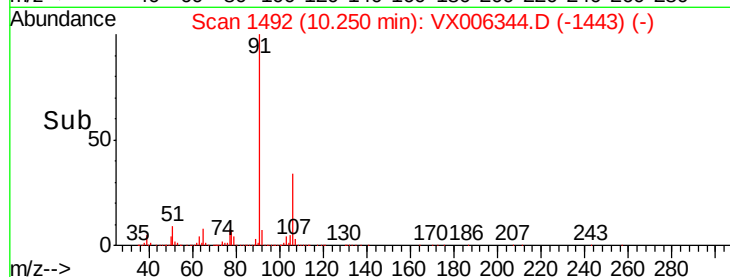
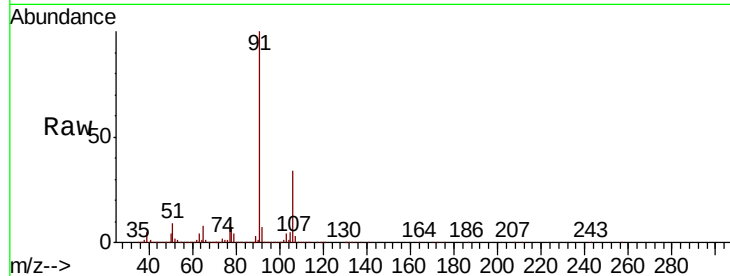
VX1207WBSD01

Tot Ion: 91 Resp: 622709

Ion Ratio Lower Upper

91 100

106 33.7 26.5 39.7



#68

m/p-Xylenes

Concen: 38.197 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006344.D

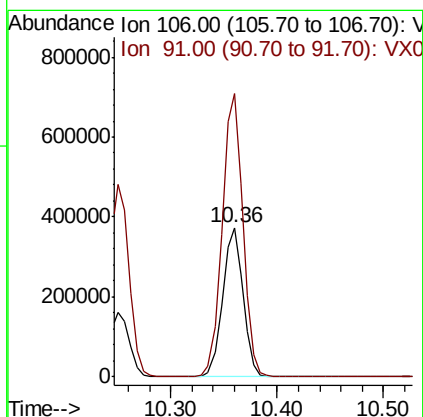
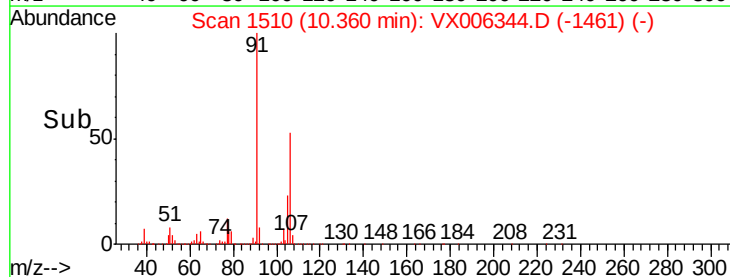
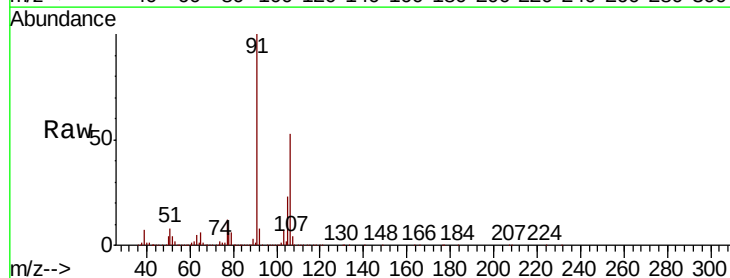
Acq: 07 Dec 2018 13:51

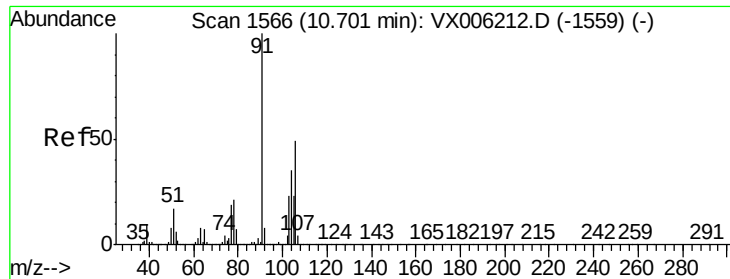
Tgt Ion: 106 Resp: 498816

Ion Ratio Lower Upper

106 100

91 191.9 155.2 232.8

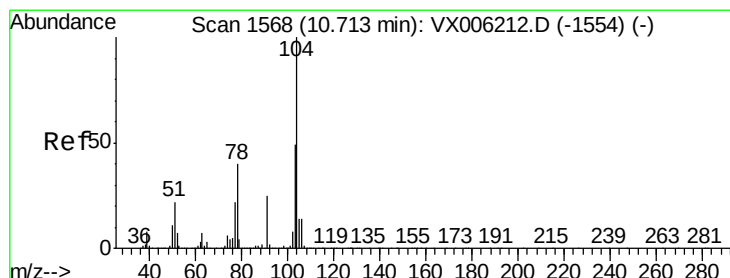
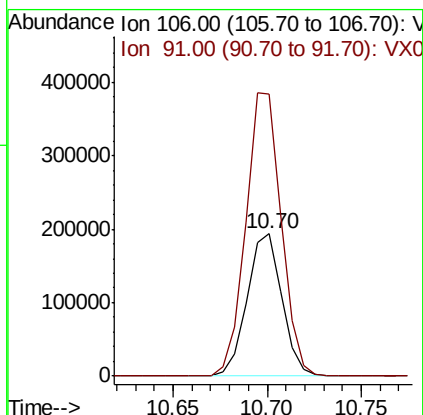
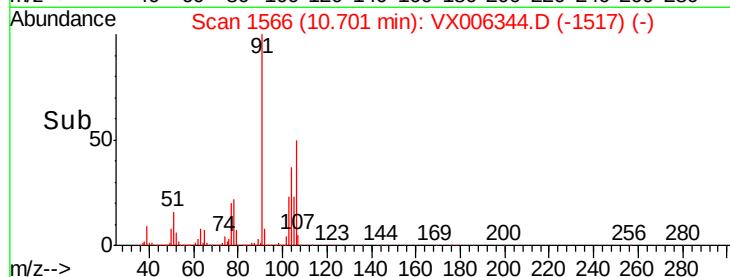
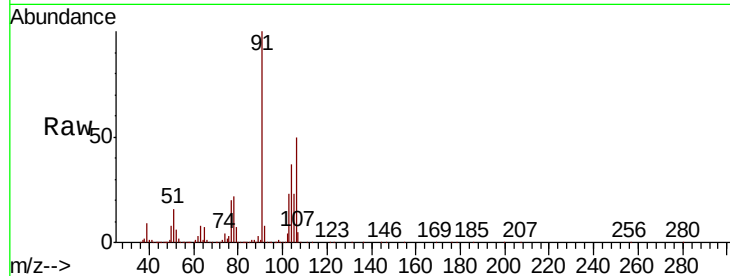




#69
o-Xylene
Concen: 19.199 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

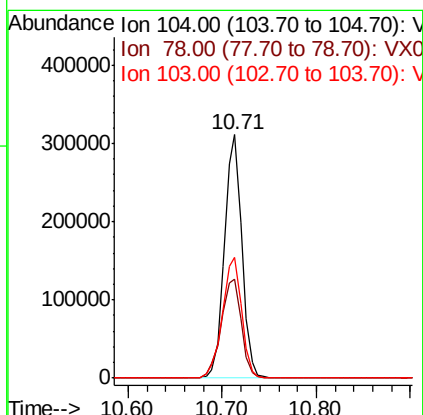
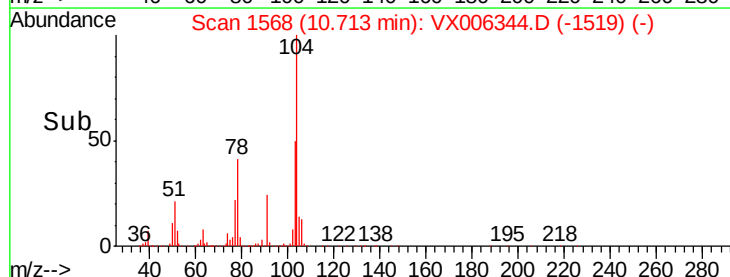
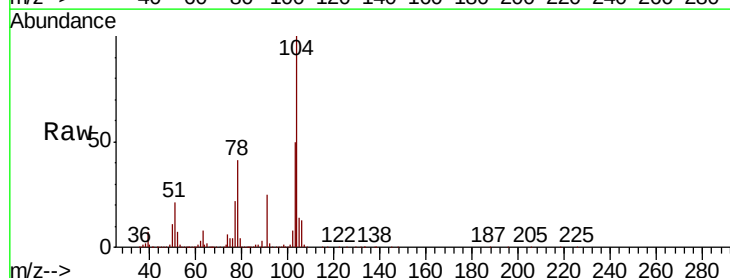
Instrument :
MSVOA_X
ClientSampleId :
VX1207WBSD01

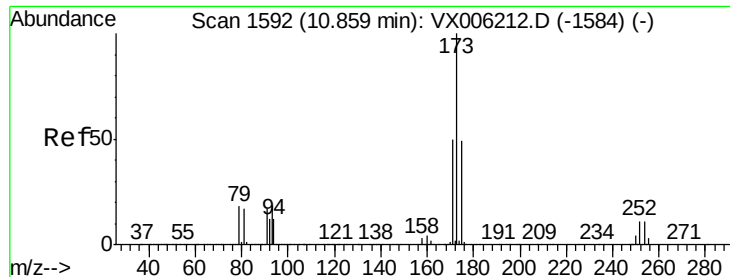
Tot Ion:106 Resp: 247654
Ion Ratio Lower Upper
106 100
91 203.3 101.8 305.6



#70
Styrene
Concen: 19.154 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Tgt Ion:104 Resp: 399605
Ion Ratio Lower Upper
104 100
78 46.7 37.2 55.8
103 54.5 43.5 65.3





#71

Bromoform

Concen: 16.204 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBSD01

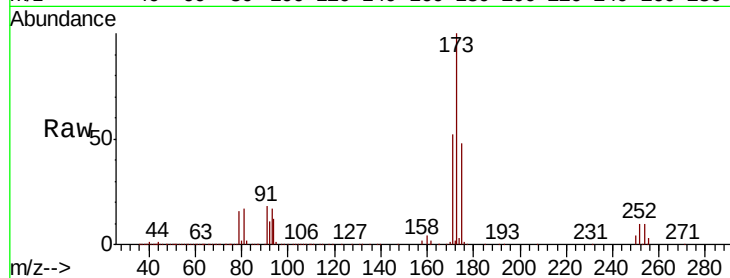
Tot Ion:173 Resp: 116498

Ion Ratio Lower Upper

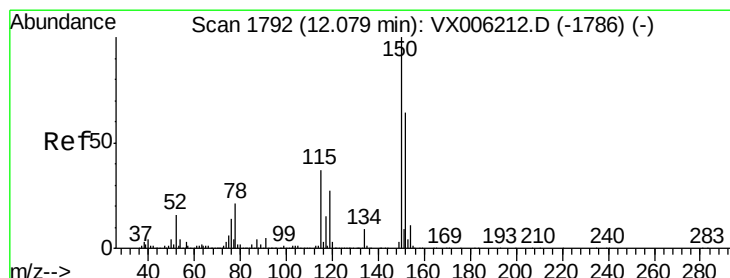
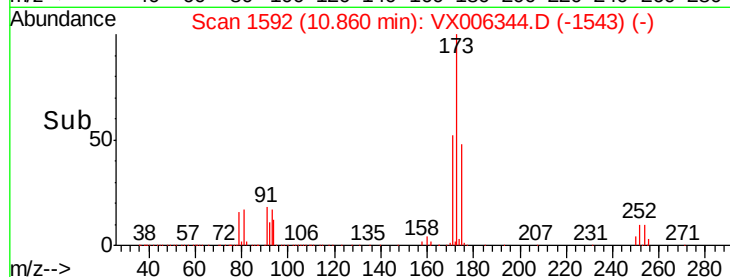
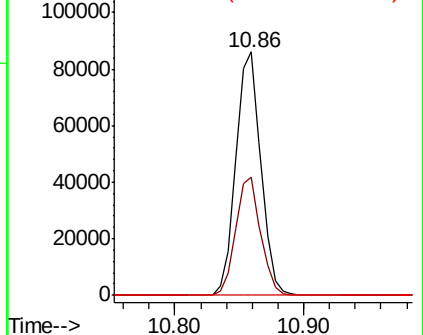
173 100

175 48.5 24.6 73.8

254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

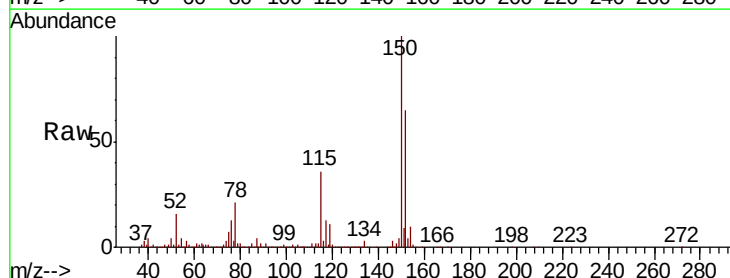
Tgt Ion:152 Resp: 471305

Ion Ratio Lower Upper

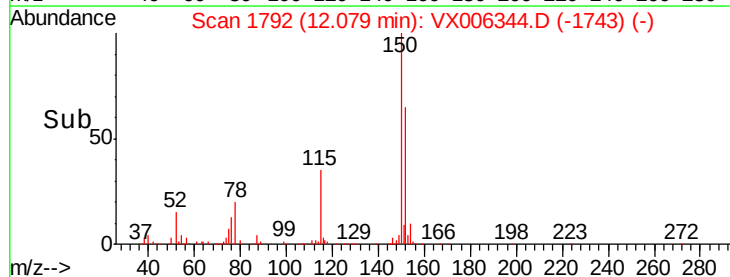
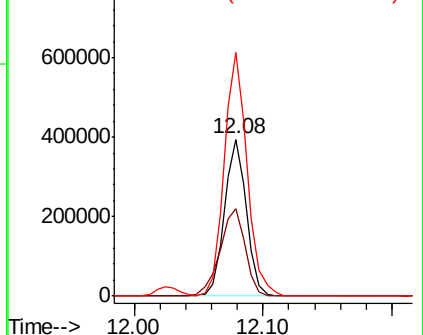
152 100

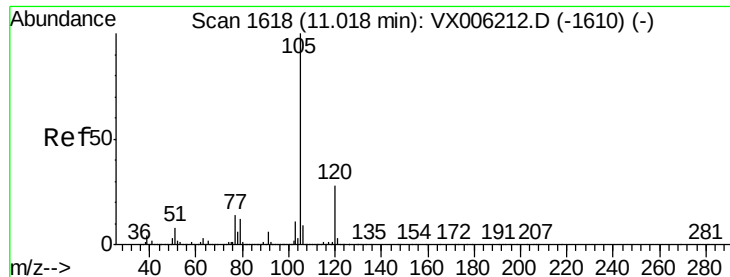
115 64.3 39.0 116.9

150 162.6 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

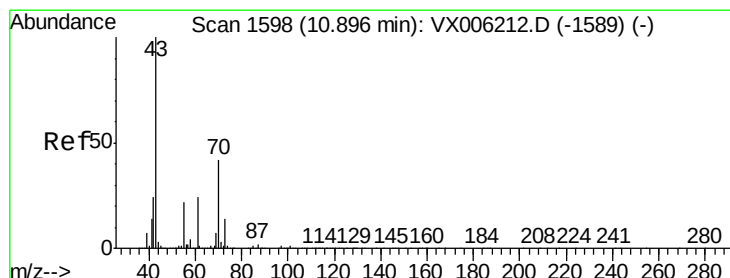
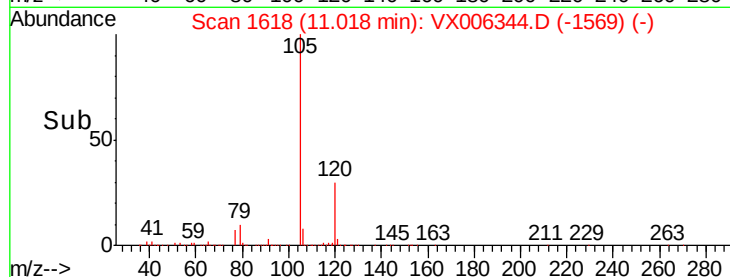
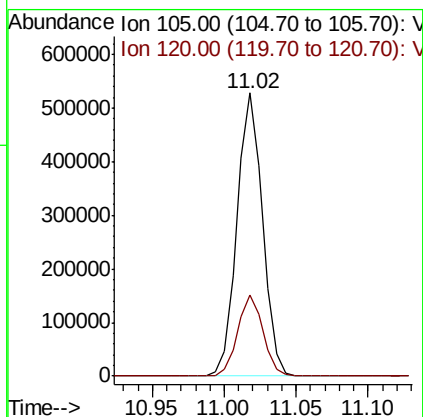
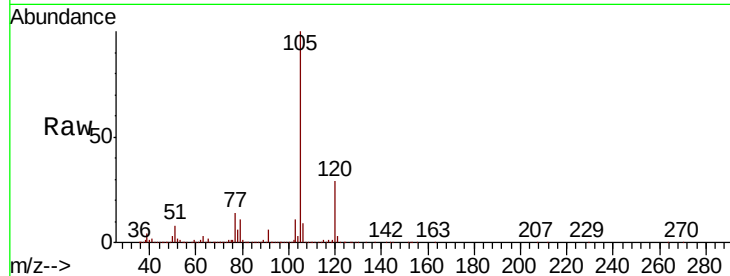




#73
Isopropylbenzene
Concen: 20.048 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

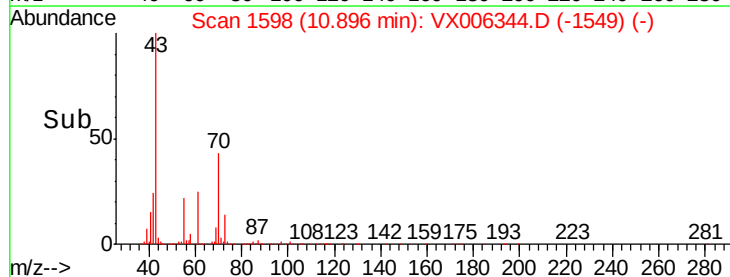
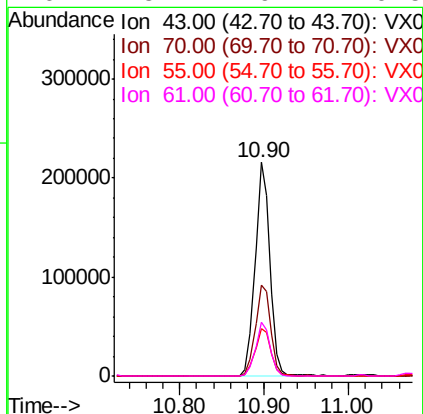
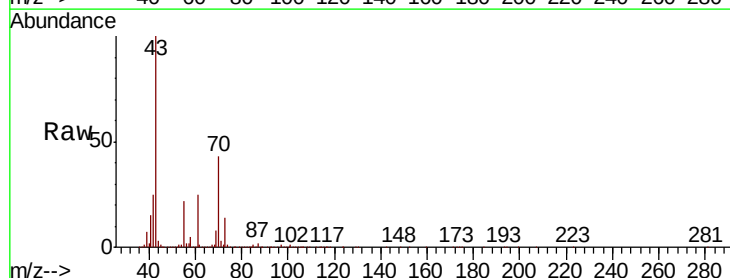
Instrument :
MSVOA_X
ClientSampleId :
VX1207WBSD01

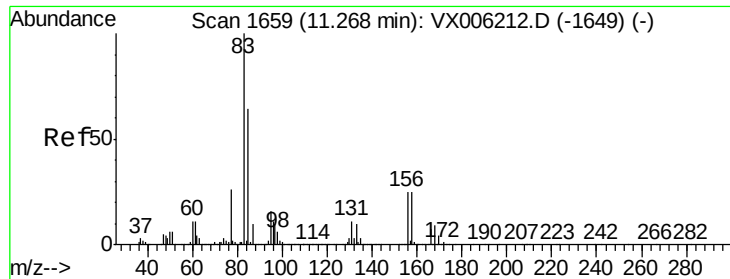
Tot Ion:105 Resp: 652517
Ion Ratio Lower Upper
105 100
120 28.5 14.1 42.3



#74
N-ethyl acetate
Concen: 18.081 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Tgt Ion: 43 Resp: 253413
Ion Ratio Lower Upper
43 100
70 44.6 34.1 51.1
55 23.8 17.8 26.8
61 25.1 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.863 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBSD01

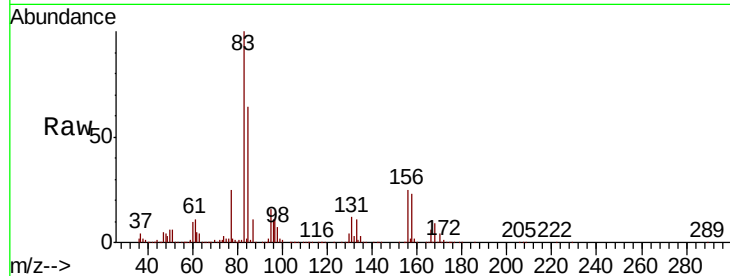
Tot Ion: 83 Resp: 206831

Ion Ratio Lower Upper

83 100

131 11.2 5.7 17.1

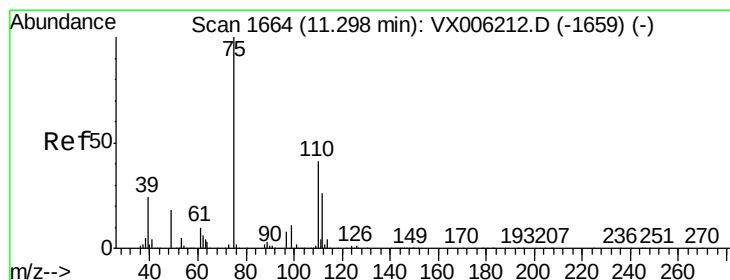
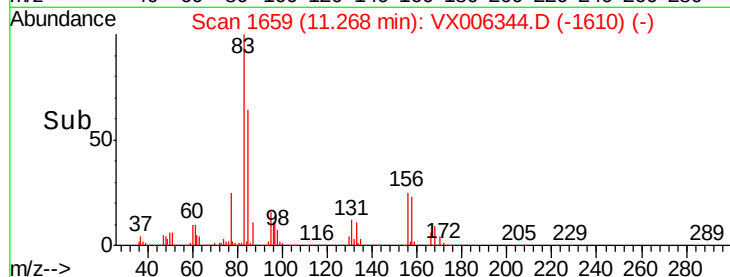
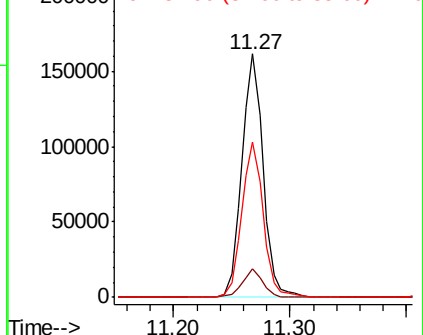
85 64.3 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.915 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006344.D

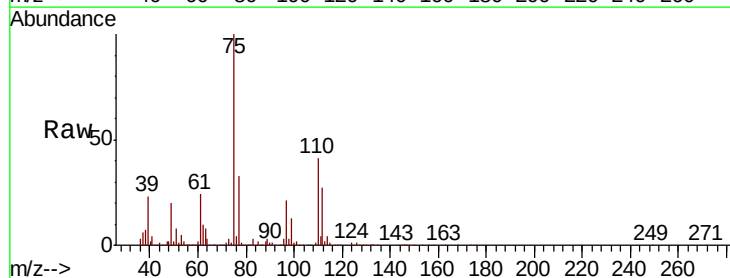
Acq: 07 Dec 2018 13:51

Tgt Ion: 75 Resp: 235751

Ion Ratio Lower Upper

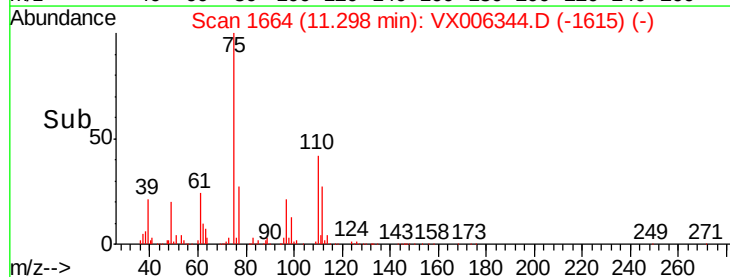
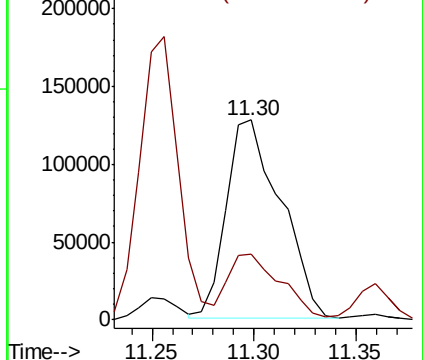
75 100

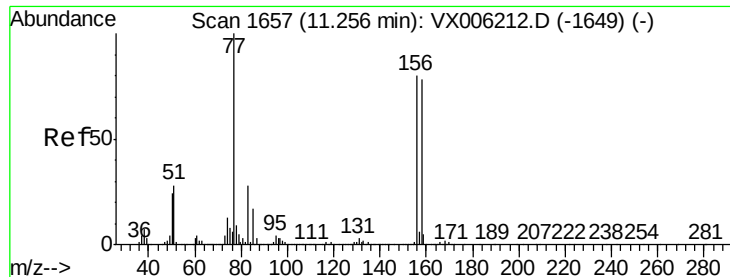
77 31.9 19.9 59.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.694 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBSD01

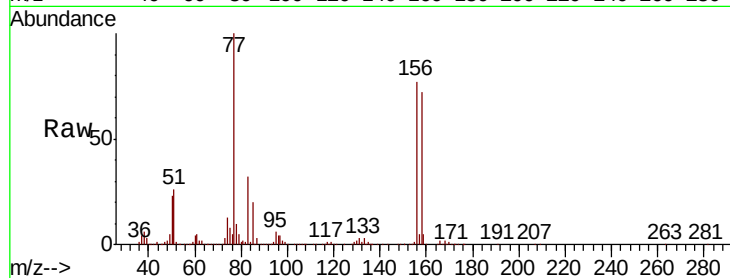
Tot Ion:156 Resp: 177889

Ion Ratio Lower Upper

156 100

77 135.0 66.2 198.6

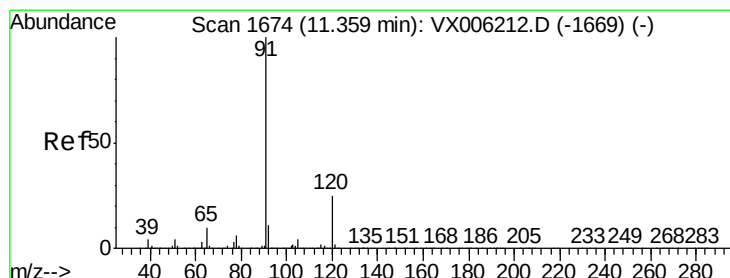
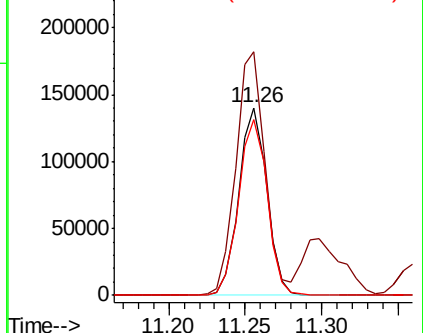
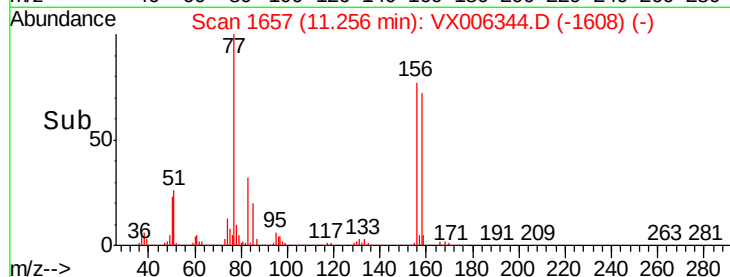
158 96.0 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.514 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006344.D

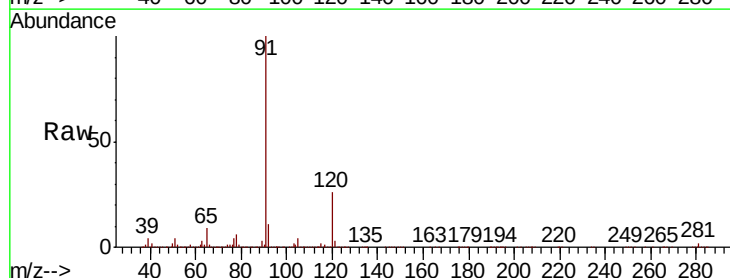
Acq: 07 Dec 2018 13:51

Tgt Ion: 91 Resp: 706020

Ion Ratio Lower Upper

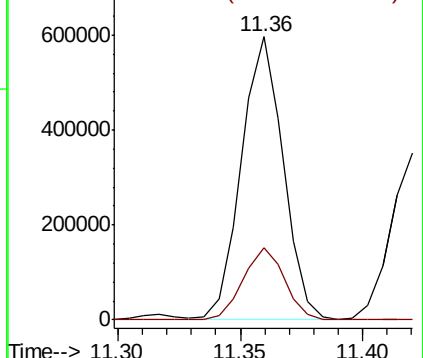
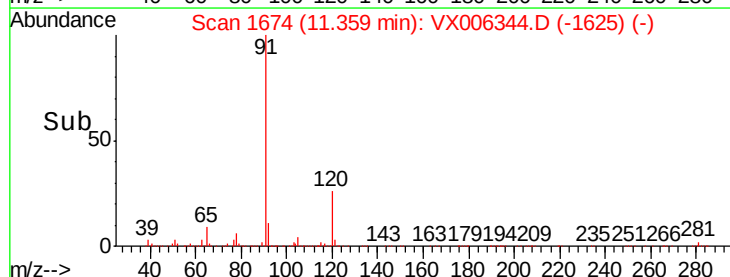
91 100

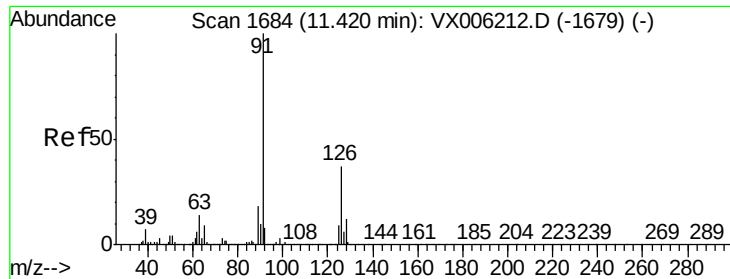
120 25.5 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.930 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

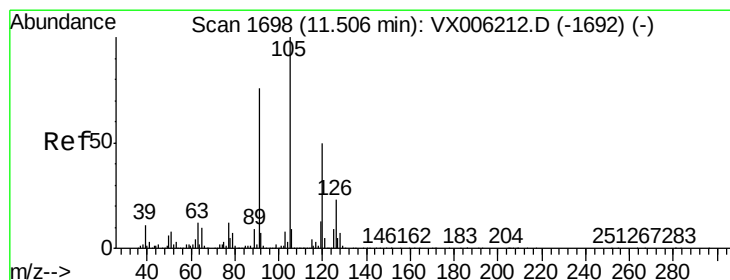
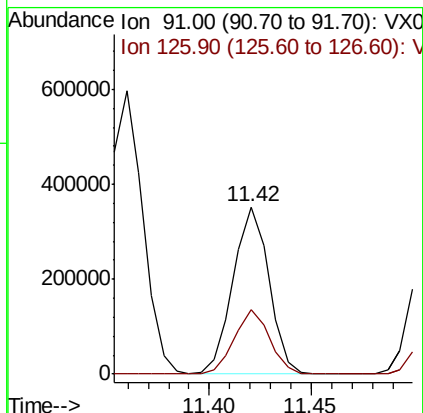
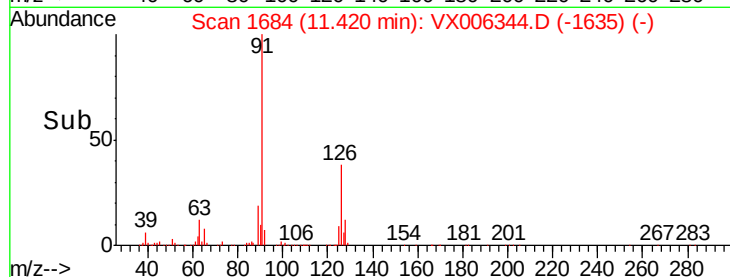
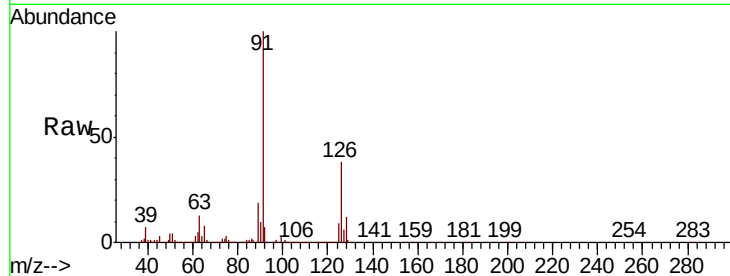
VX1207WBSD01

Tot Ion: 91 Resp: 428576

Ion Ratio Lower Upper

91 100

126 37.8 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 19.819 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006344.D

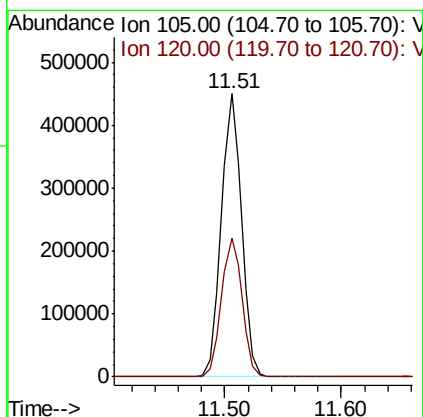
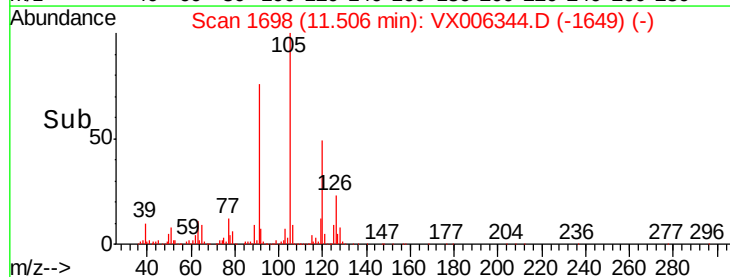
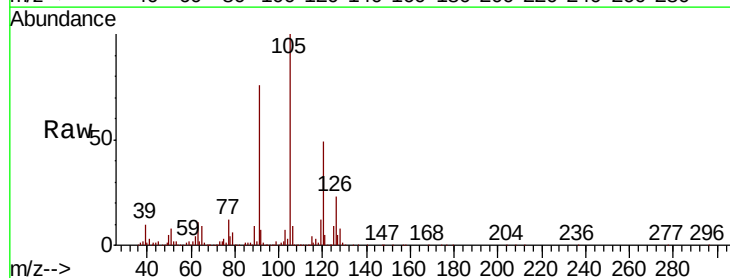
Acq: 07 Dec 2018 13:51

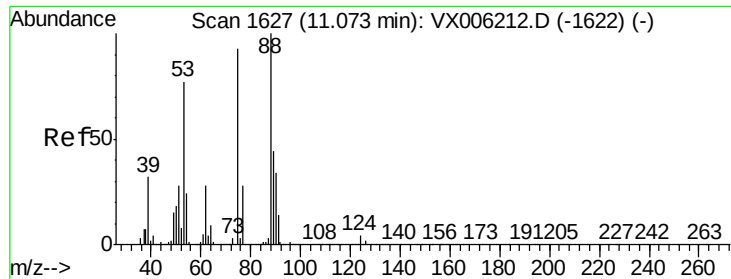
Tgt Ion: 105 Resp: 536702

Ion Ratio Lower Upper

105 100

120 50.2 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 16.596 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBSD01

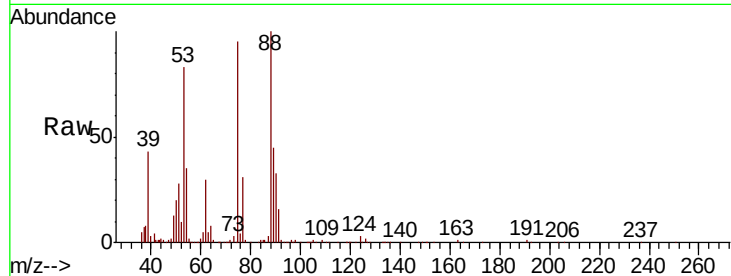
Tot Ion: 75 Resp: 64334

Ion Ratio Lower Upper

75 100

53 87.8 64.4 96.6

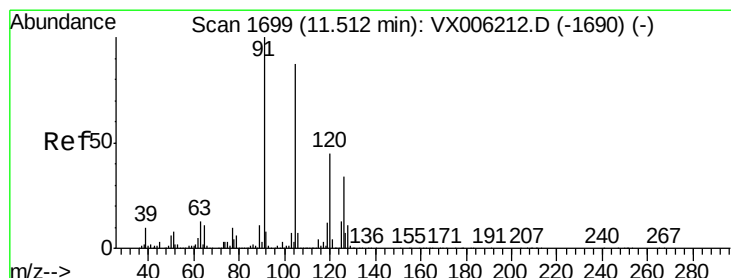
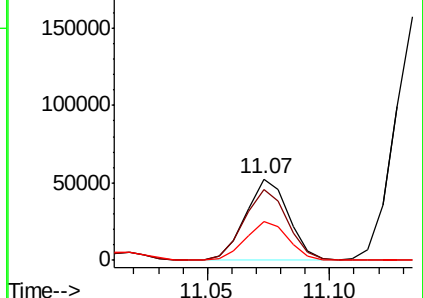
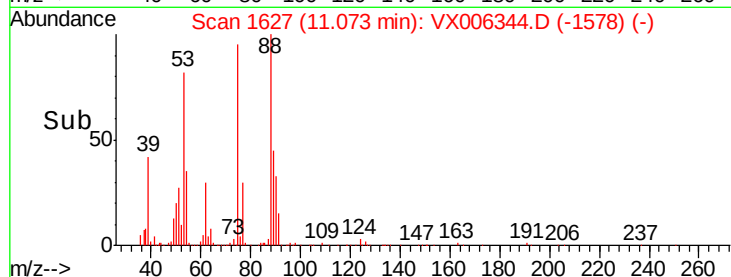
89 47.9 44.2 66.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.258 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006344.D

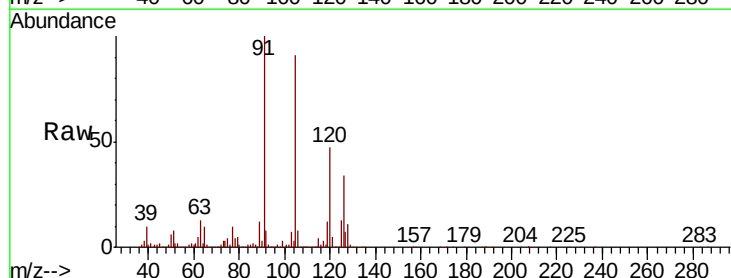
Acq: 07 Dec 2018 13:51

Tgt Ion: 91 Resp: 481488

Ion Ratio Lower Upper

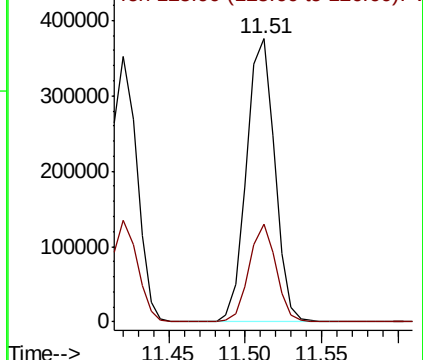
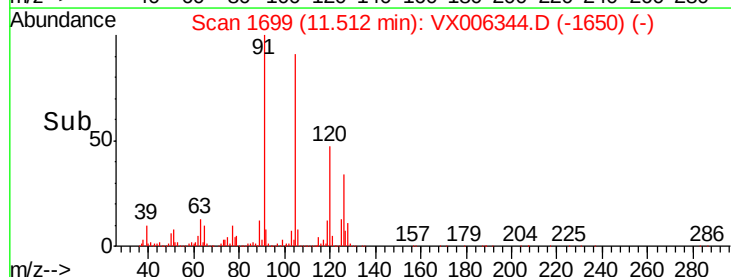
91 100

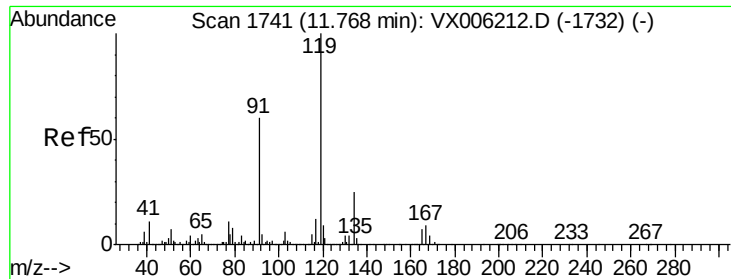
126 33.0 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

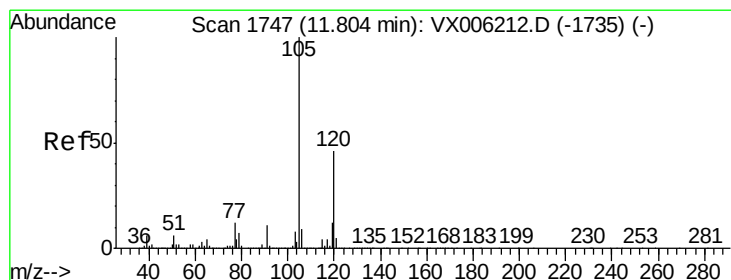
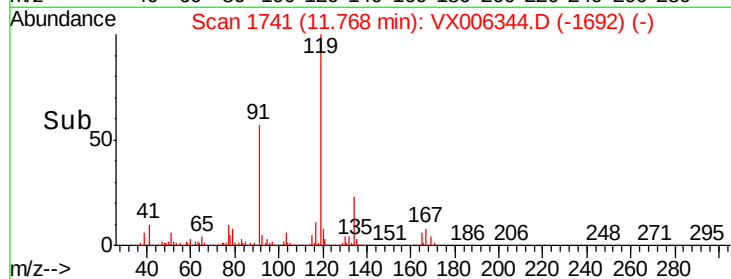
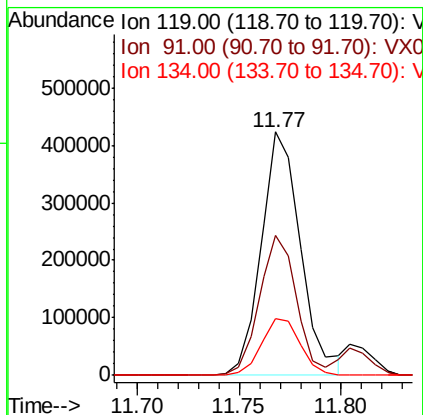
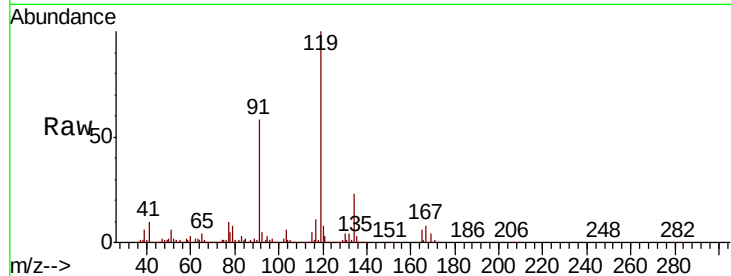




#83
 tert-Butylbenzene
 Concen: 19.655 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX006344.D
 Acq: 07 Dec 2018 13:51

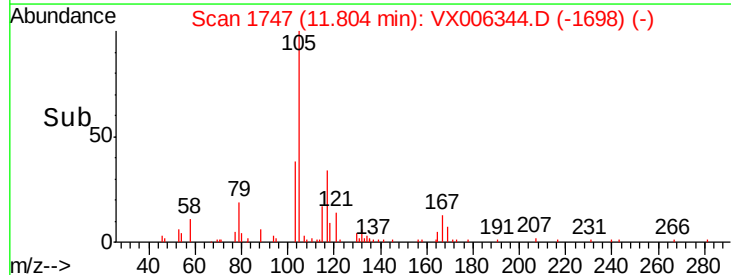
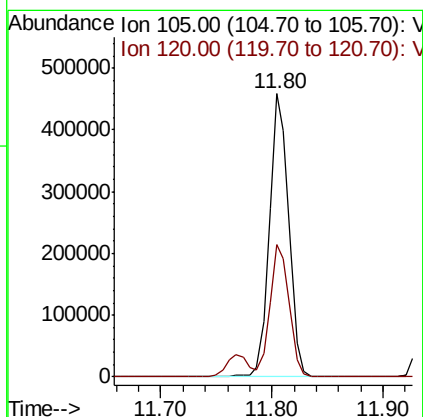
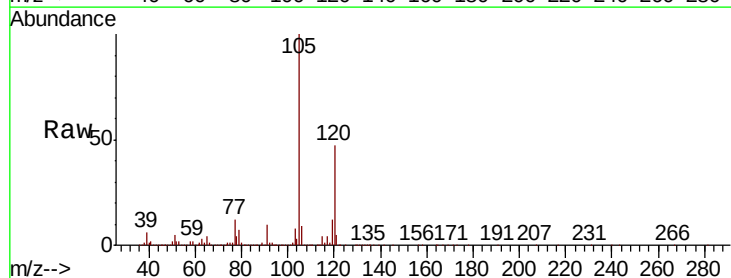
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBSD01

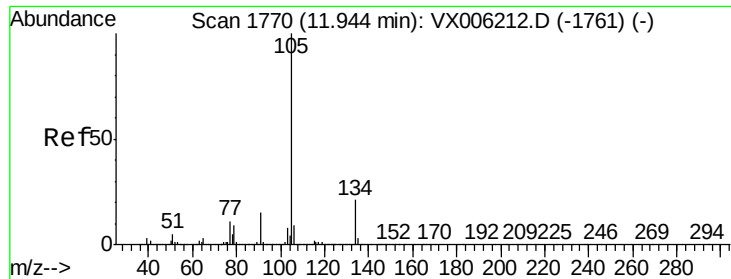
Tot Ion:119 Resp: 567910
 Ion Ratio Lower Upper
 119 100
 91 54.1 26.4 79.2
 134 23.2 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 19.835 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006344.D
 Acq: 07 Dec 2018 13:51

Tgt Ion:105 Resp: 554653
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.4 70.0





#85

sec-Butylbenzene

Concen: 19.793 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

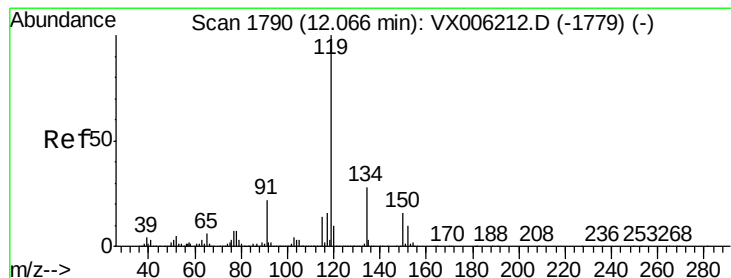
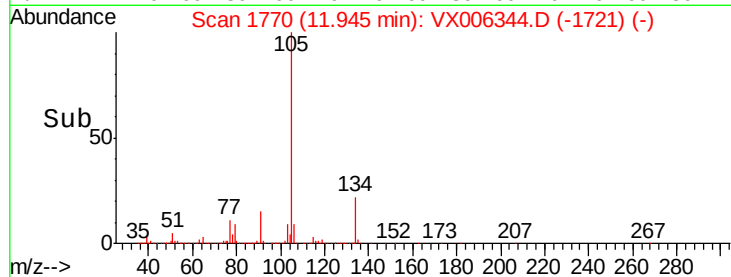
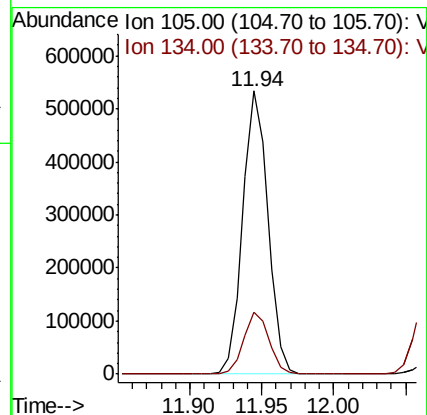
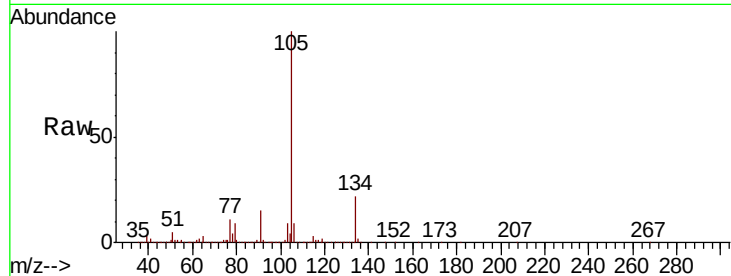
VX1207WBSD01

Tot Ion:105 Resp: 650619

Ion Ratio Lower Upper

105 100

134 22.0 10.8 32.4



#86

p-Isopropyltoluene

Concen: 19.390 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

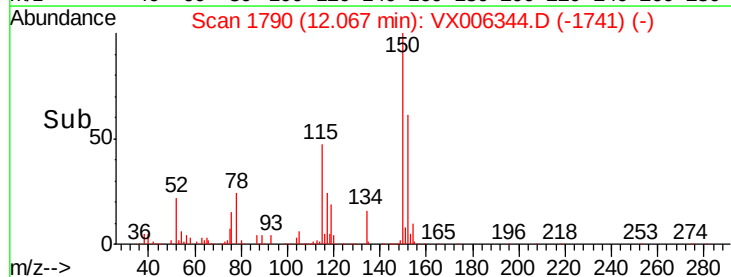
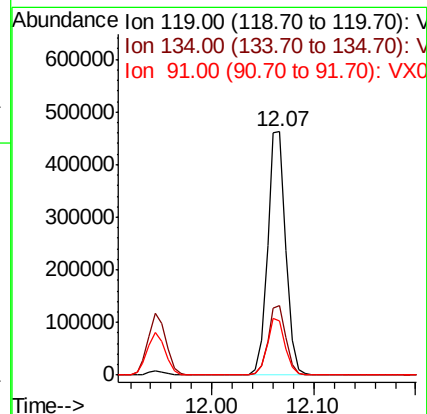
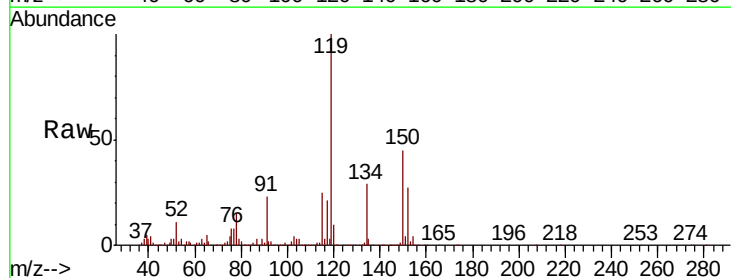
Tgt Ion:119 Resp: 573919

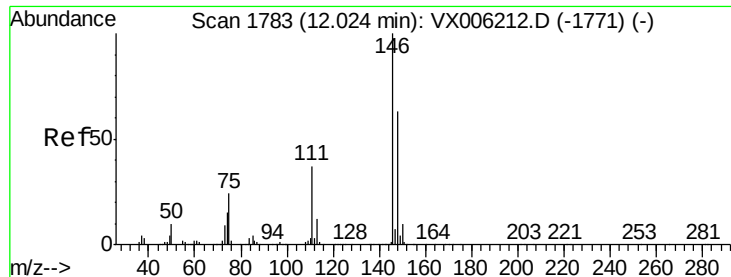
Ion Ratio Lower Upper

119 100

134 28.3 13.9 41.6

91 23.1 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 19.386 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampled :

VX1207WBSD01

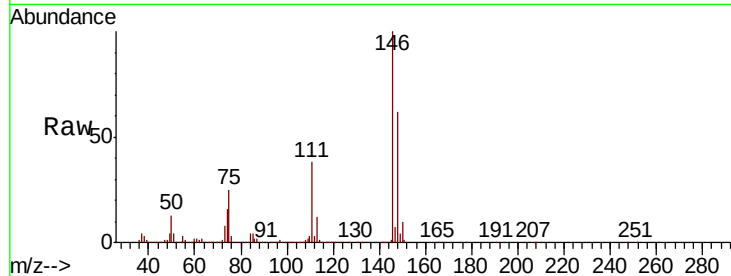
Tot Ion:146 Resp: 311582

Ion Ratio Lower Upper

146 100

111 38.2 18.4 55.2

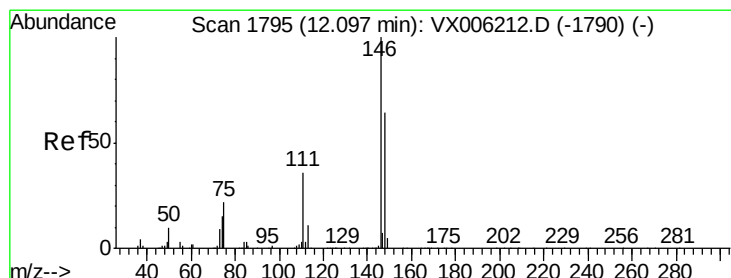
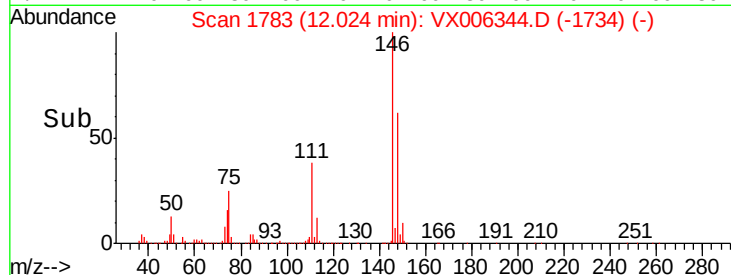
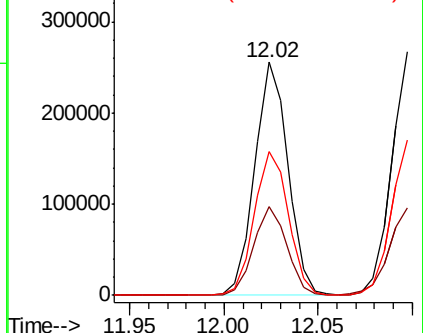
148 63.7 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.190 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

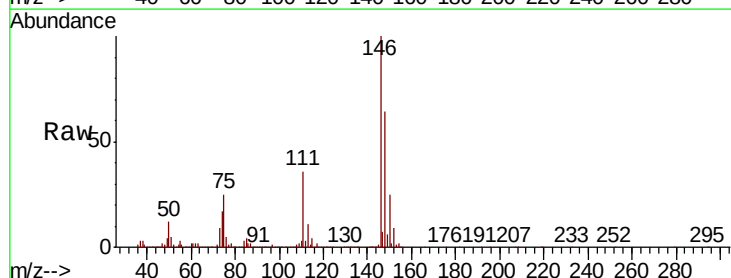
Tgt Ion:146 Resp: 313040

Ion Ratio Lower Upper

146 100

111 37.5 18.3 54.8

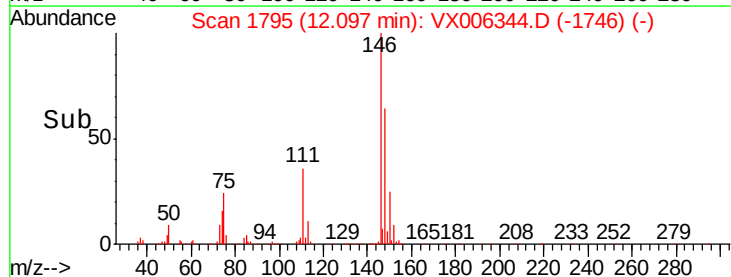
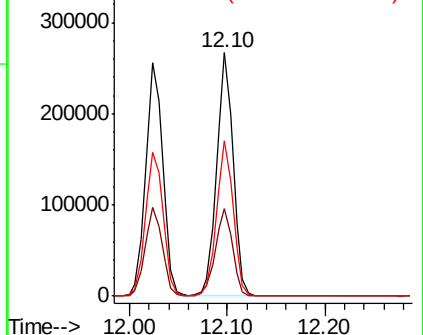
148 63.7 31.9 95.9

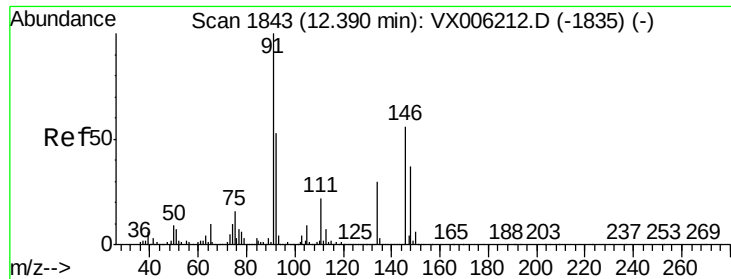


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

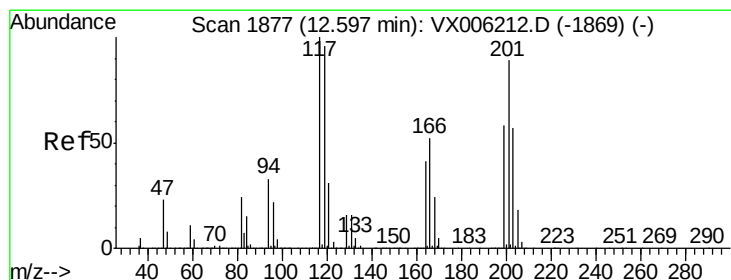
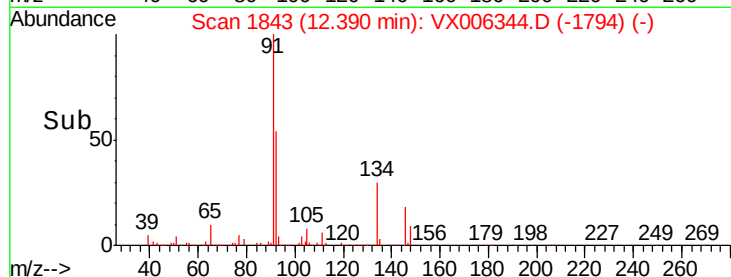
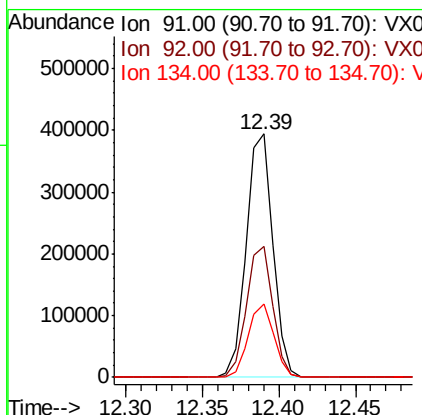
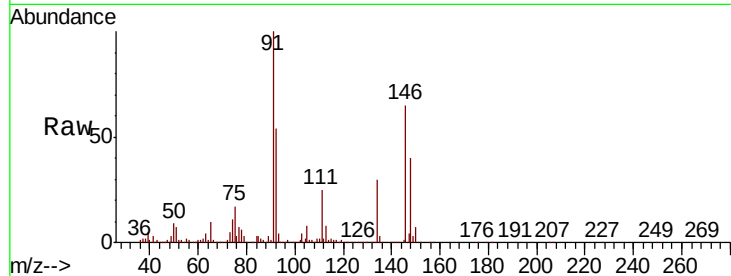




#89
n-Butylbenzene
Concen: 18.819 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

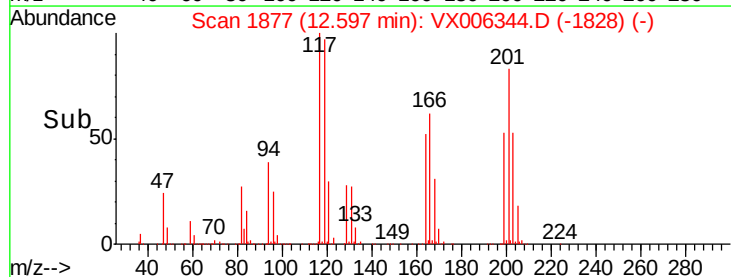
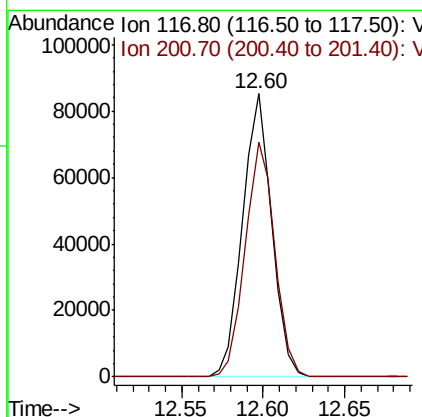
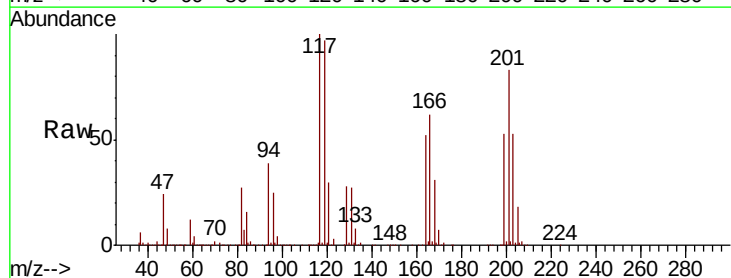
Instrument :
MSVOA_X
ClientSampled :
VX1207WBSD01

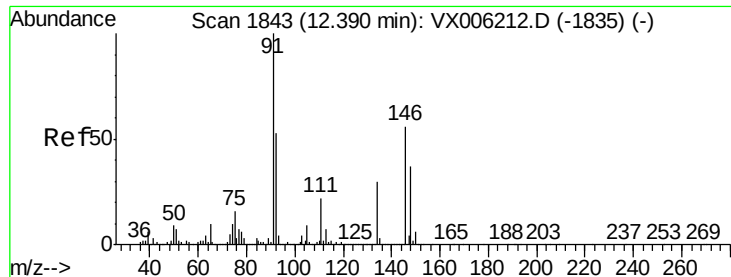
Tot Ion: 91 Resp: 475281
Ion Ratio Lower Upper
91 100
92 53.5 26.6 79.8
134 29.4 14.8 44.3



#90
Hexachloroethane
Concen: 17.691 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Tgt Ion: 117 Resp: 106726
Ion Ratio Lower Upper
117 100
201 84.1 44.7 134.1

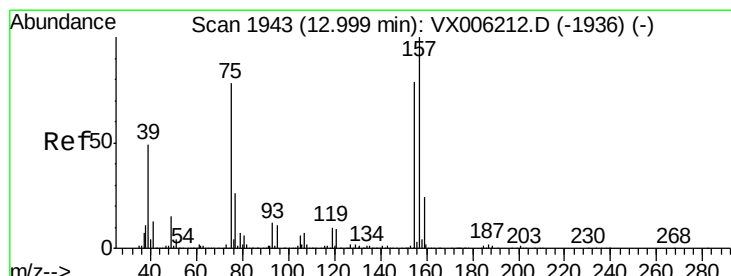
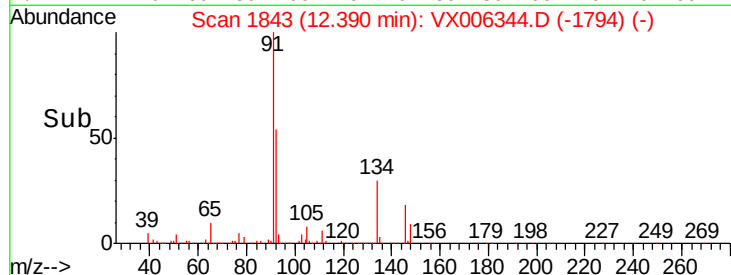
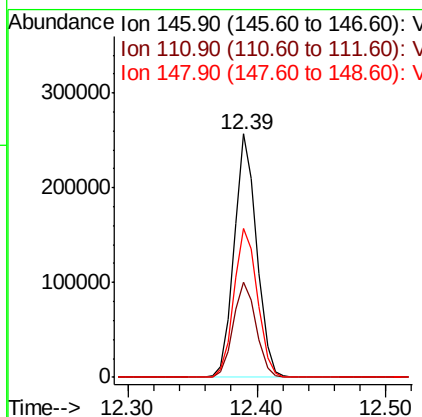
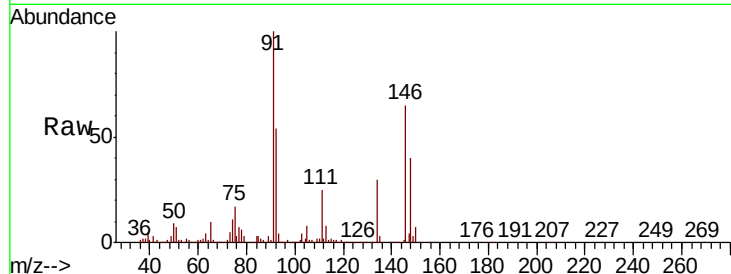




#91
 1,2-Dichlorobenzene
 Concen: 19.620 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006344.D
 Acq: 07 Dec 2018 13:51

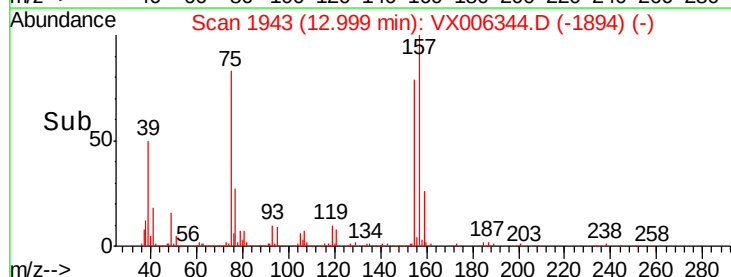
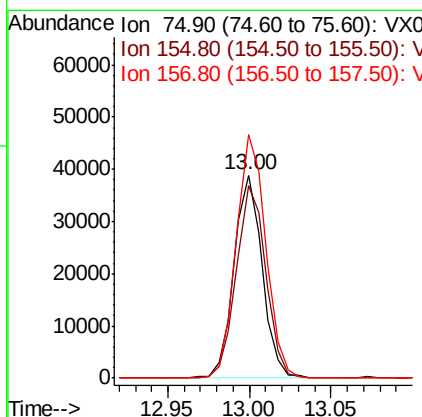
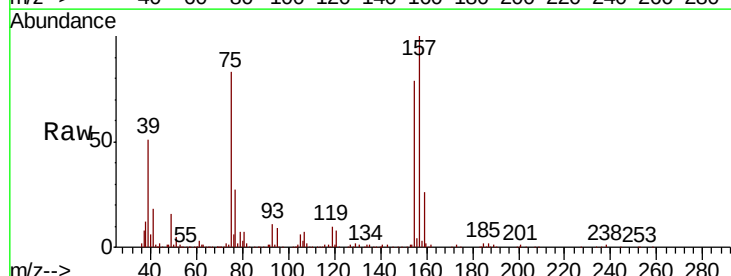
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBSD01

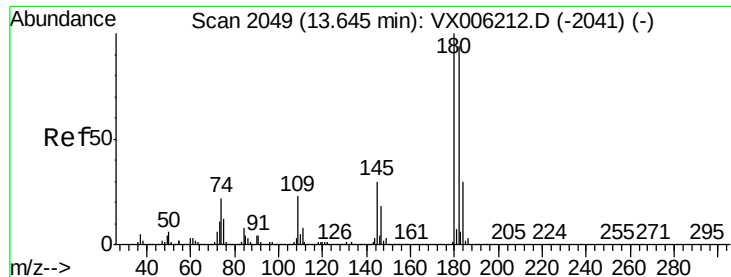
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.1	57.3
148	63.9	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.525 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006344.D
 Acq: 07 Dec 2018 13:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.6	53.4	160.3
157	126.3	68.0	203.8

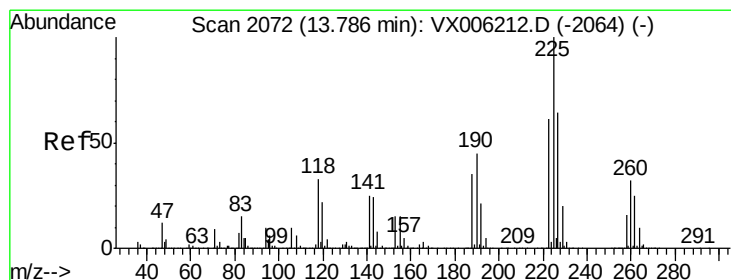
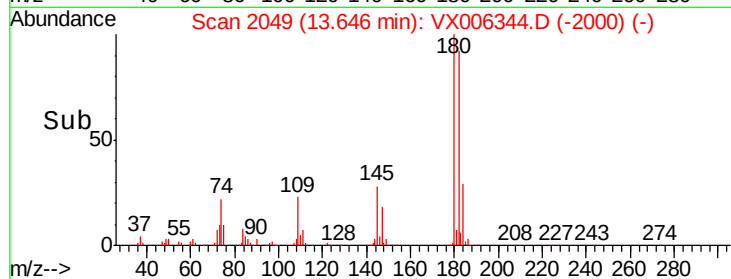
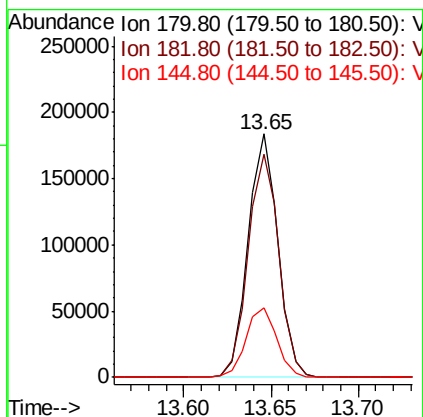
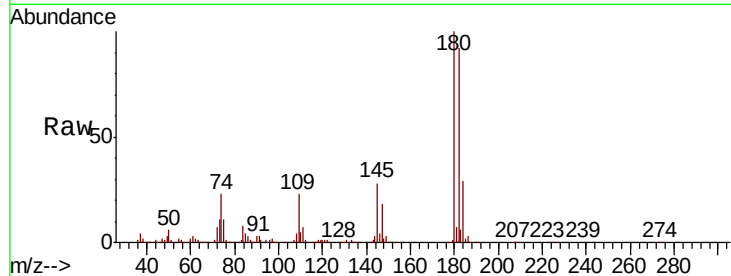




#93
 1,2,4-Trichlorobenzene
 Concen: 18.669 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006344.D
 Acq: 07 Dec 2018 13:51

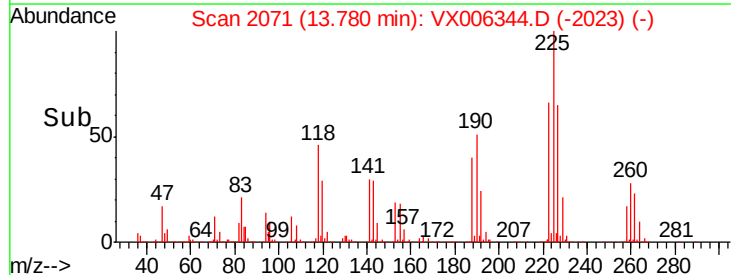
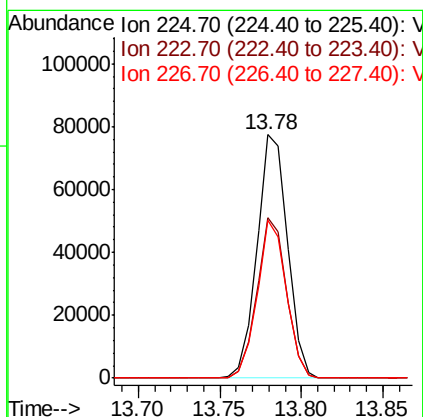
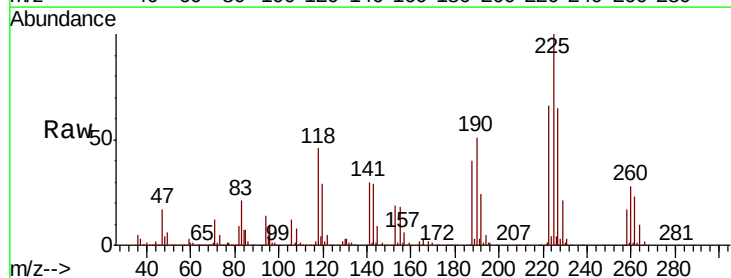
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBSD01

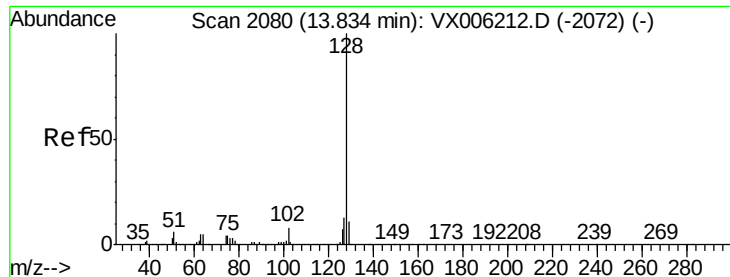
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.3	141.9
145	29.6	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 19.445 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006344.D
 Acq: 07 Dec 2018 13:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.2	93.6
227	62.4	31.9	95.5





#95

Naphthalene

Concen: 19.259 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBSD01

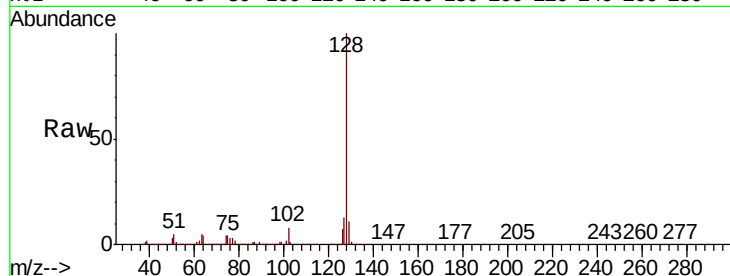
Tot Ion:128 Resp: 697164

Ion Ratio Lower Upper

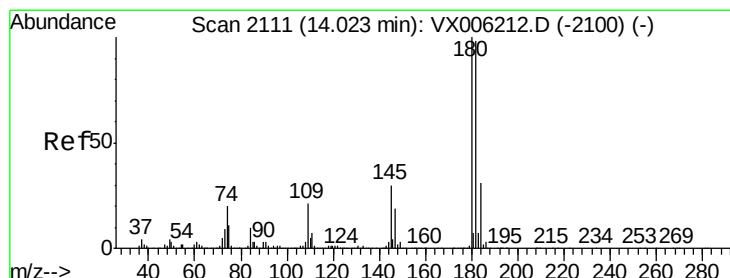
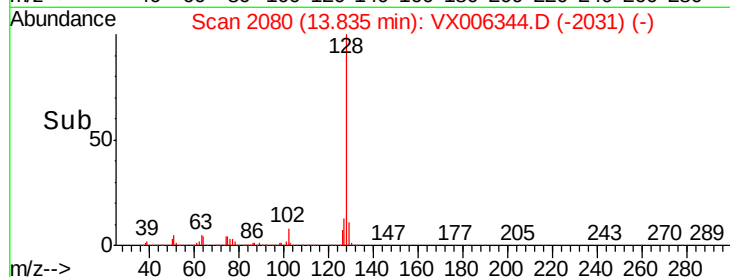
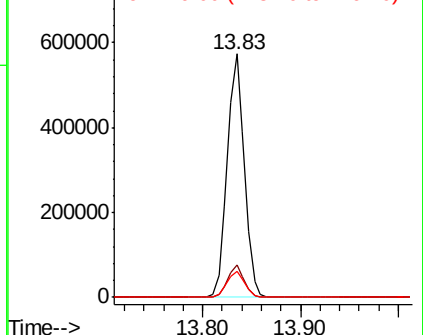
128 100

127 12.8 10.2 15.4

129 10.9 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.329 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

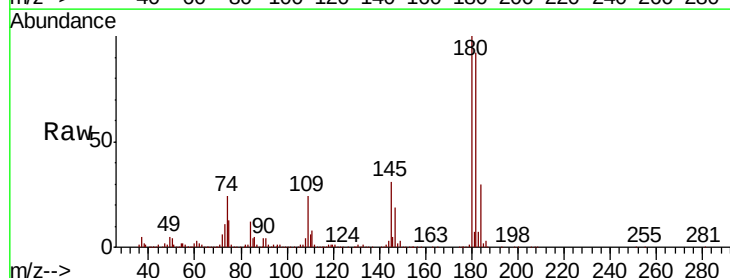
Tgt Ion:180 Resp: 222793

Ion Ratio Lower Upper

180 100

182 92.7 48.4 145.2

145 31.1 15.6 46.8



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

