

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100918\
 Data File : VX005186.D
 Acq On : 10 Oct 2018 04:18
 Operator : JC/MD
 Sample : VX1009WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD02

Quant Time: Oct 10 04:38:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	190641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	276742	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	271413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168294	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	142375	52.28	ug/l	0.00
Spiked Amount			Recovery	=	104.56%	
35) Dibromofluoromethane	5.51	113	111707	47.63	ug/l	0.00
Spiked Amount			Recovery	=	95.26%	
50) Toluene-d8	8.72	98	406399	52.12	ug/l	0.00
Spiked Amount			Recovery	=	104.24%	
62) 4-Bromofluorobenzene	11.14	95	150427	53.55	ug/l	0.00
Spiked Amount			Recovery	=	107.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	70612	27.165	ug/l	98
3) Chloromethane	1.32	50	75324	23.885	ug/l	99
4) Vinyl Chloride	1.40	62	73626	24.892	ug/l	99
5) Bromomethane	1.64	94	41895	23.886	ug/l	95
6) Chloroethane	1.71	64	43840	26.084	ug/l	98
7) Trichlorofluoromethane	1.93	101	98883	27.005	ug/l	97
8) Diethyl Ether	2.19	74	36550	22.977	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	51200	24.547	ug/l	99
10) Methyl Iodide	2.51	142	55366	19.836	ug/l	90
11) Tert butyl alcohol	3.08	59	91060	119.586	ug/l	100
12) 1,1-Dichloroethene	2.37	96	49952	24.182	ug/l	96
13) Acrolein	2.29	56	53633	98.995	ug/l	88
14) Allyl chloride	2.72	41	109458	24.286	ug/l	96
15) Acrylonitrile	3.15	53	208137	124.167	ug/l	97
16) Acetone	2.45	43	186418	117.250	ug/l	95
17) Carbon Disulfide	2.57	76	146355	23.579	ug/l	100
18) Methyl Acetate	2.78	43	109348	27.145	ug/l	93
19) Methyl tert-butyl Ether	3.21	73	179445	25.185	ug/l	100
20) Methylene Chloride	2.85	84	58216	24.760	ug/l #	86
21) trans-1,2-Dichloroethene	3.16	96	54521	24.111	ug/l	84
22) Diisopropyl ether	3.87	45	181008	23.850	ug/l #	97
23) Vinyl Acetate	3.83	43	788947	113.564	ug/l	97
24) 1,1-Dichloroethane	3.70	63	103583	22.880	ug/l	99
25) 2-Butanone	4.71	43	264172	112.721	ug/l	97
26) 2,2-Dichloropropane	4.59	77	43305	13.736	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	56992	22.561	ug/l	97
28) Bromochloromethane	5.02	49	44162	20.714	ug/l	98
29) Tetrahydrofuran	5.16	42	168276	115.525	ug/l	98
30) Chloroform	5.21	83	96711	22.603	ug/l	96
31) Cyclohexane	5.57	56	84345	24.342	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	82598	23.638	ug/l	96
36) 1,1-Dichloropropene	5.80	75	69462	21.707	ug/l	95
37) Ethyl Acetate	4.86	43	92053	21.671	ug/l	98
38) Carbon Tetrachloride	5.78	117	72853	21.658	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100918\
 Data File : VX005186.D
 Acq On : 10 Oct 2018 04:18
 Operator : JC/MD
 Sample : VX1009WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD02

Quant Time: Oct 10 04:38:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	76770	23.494	ug/l #	85
40) Benzene	6.15	78	219562	21.916	ug/l	93
41) Methacrylonitrile	5.06	41	51370	21.807	ug/l	96
42) 1,2-Dichloroethane	6.20	62	79435	22.429	ug/l	97
43) Isopropyl Acetate	6.46	43	132106	21.547	ug/l	96
44) Trichloroethene	7.21	130	61173	24.839	ug/l	98
45) 1,2-Dichloropropane	7.52	63	57534	23.418	ug/l	96
46) Dibromomethane	7.66	93	36893	23.894	ug/l	99
47) Bromodichloromethane	7.90	83	70070	24.239	ug/l	99
48) Methyl methacrylate	7.78	41	68937	24.773	ug/l	98
49) 1,4-Dioxane	7.76	88	32234	466.252	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	484087	125.400	ug/l	99
52) Toluene	8.79	92	135131	24.547	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	68925	21.099	ug/l	94
54) cis-1,3-Dichloropropene	8.44	75	76751	22.431	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	55763	23.125	ug/l	95
56) Ethyl methacrylate	9.18	69	80015	22.140	ug/l	98
57) 1,3-Dichloropropane	9.37	76	92342	23.009	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	198712	104.434	ug/l	99
59) 2-Hexanone	9.50	43	382124	118.787	ug/l	94
60) Dibromochloromethane	9.58	129	55618	23.064	ug/l	99
61) 1,2-Dibromoethane	9.68	107	56481	21.871	ug/l	93
64) Tetrachloroethene	9.33	164	62269	23.310	ug/l	97
65) Chlorobenzene	10.14	112	149236	21.443	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	53611	21.911	ug/l	99
67) Ethyl Benzene	10.26	91	246224	22.284	ug/l	96
68) m/p-Xylenes	10.36	106	194903	45.139	ug/l	96
69) o-Xylene	10.70	106	91255	23.010	ug/l	98
70) Styrene	10.71	104	156270	22.306	ug/l	99
71) Bromoform	10.86	173	45343	21.646	ug/l #	97
73) Isopropylbenzene	11.02	105	253034	23.854	ug/l	100
74) N-amyl acetate	10.90	43	115120	20.802	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	90381	20.931	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	98218	26.038	ug/l	85
77) Bromobenzene	11.26	156	68405	22.201	ug/l	99
78) n-propylbenzene	11.36	91	289512	23.787	ug/l	100
79) 2-Chlorotoluene	11.42	91	174701	23.028	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	216290	22.136	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	20084	15.932	ug/l	96
82) 4-Chlorotoluene	11.51	91	206776	23.156	ug/l	99
83) tert-Butylbenzene	11.77	119	205990	23.586	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	223514	22.182	ug/l	98
85) sec-Butylbenzene	11.95	105	251863	23.676	ug/l	100
86) p-Isopropyltoluene	12.07	119	225515	23.398	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	126539	21.994	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	128820	21.690	ug/l	99
89) n-Butylbenzene	12.39	91	192249	21.963	ug/l	100
90) Hexachloroethane	12.60	117	34882	21.737	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	127470	21.201	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21236	22.398	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100918\
Data File : VX005186.D
Acq On : 10 Oct 2018 04:18
Operator : JC/MD
Sample : VX1009WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Quant Time: Oct 10 04:38:27 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

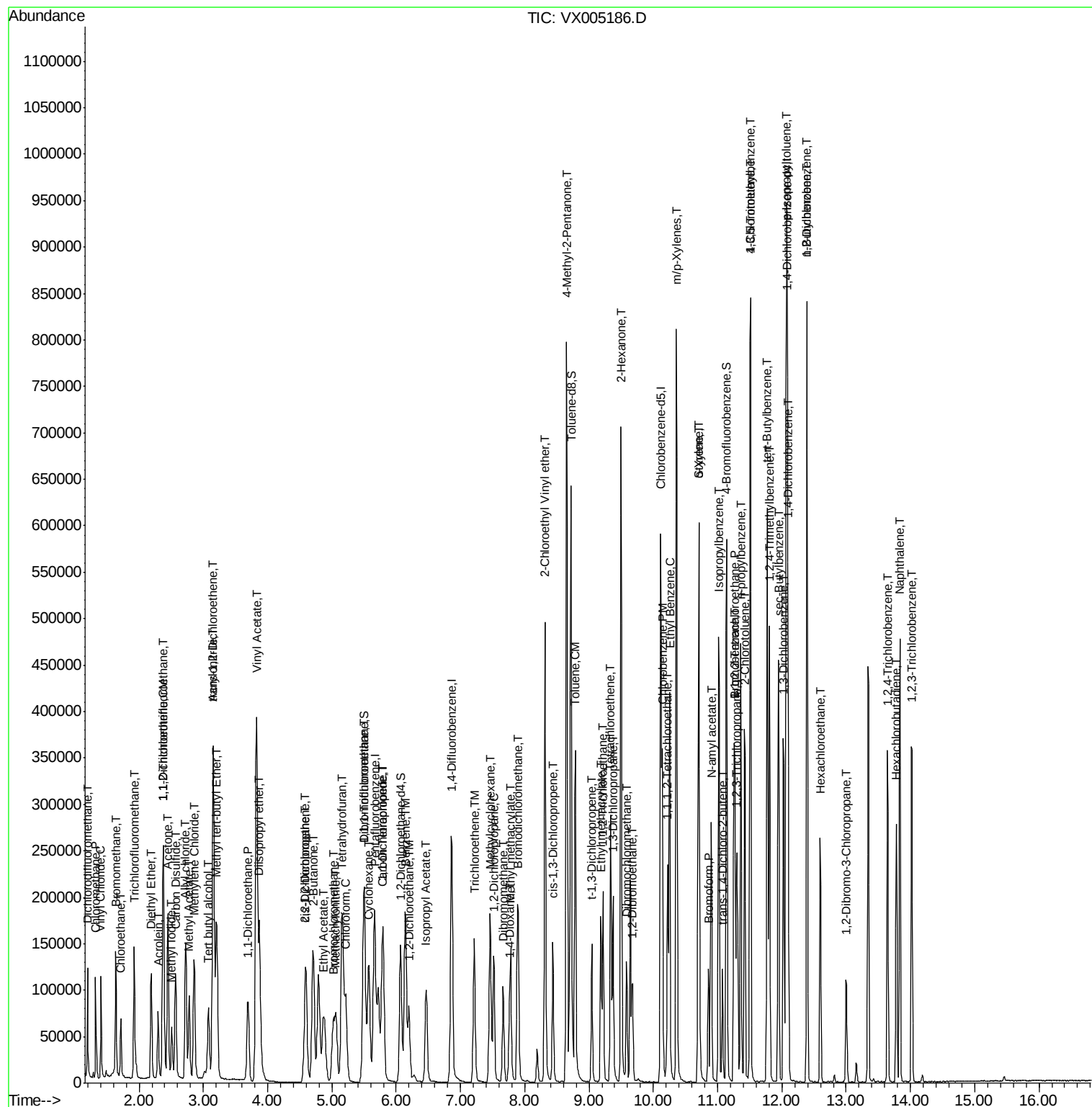
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	90822	21.534	ug/l	99
94) Hexachlorobutadiene	13.79	225	45546	20.825	ug/l	100
95) Naphthalene	13.83	128	283906	20.709	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	96337	22.111	ug/l	100

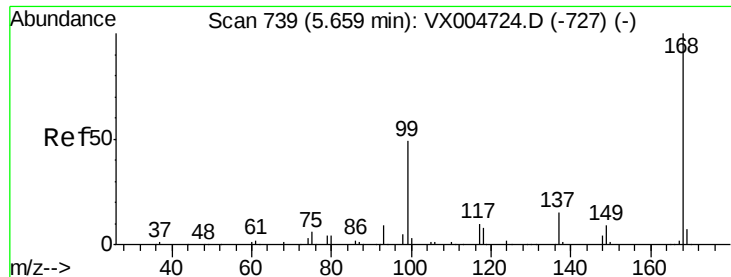
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100918\
Data File : VX005186.D
Acq On : 10 Oct 2018 04:18
Operator : JC/MD
Sample : VX1009WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Quant Time: Oct 10 04:38:27 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

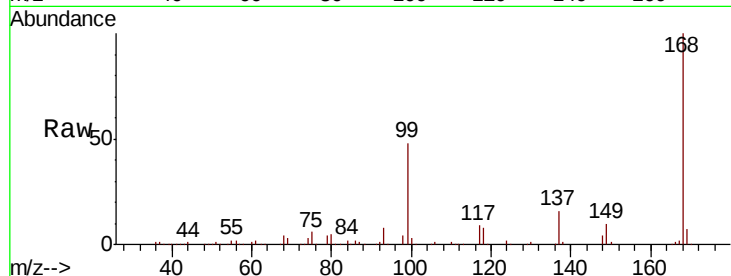
VX1009WBSD02

Tot Ion:168 Resp: 190641

Ion Ratio Lower Upper

168 100

99 47.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

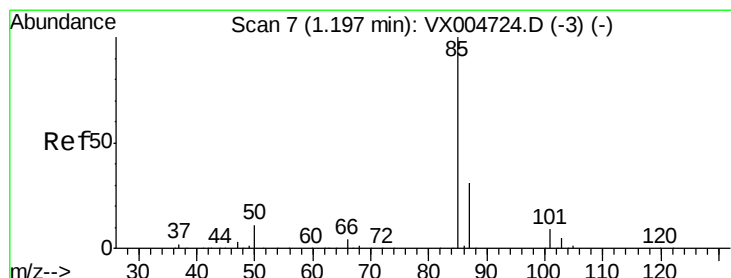
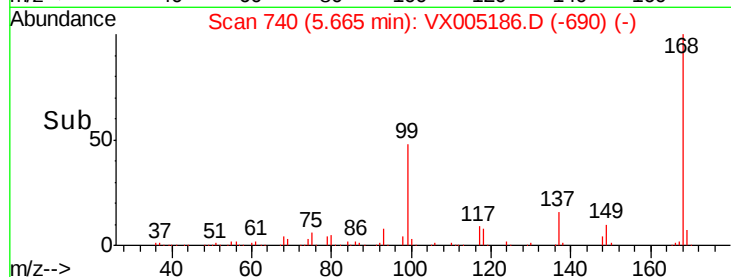
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 27.165 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005186.D

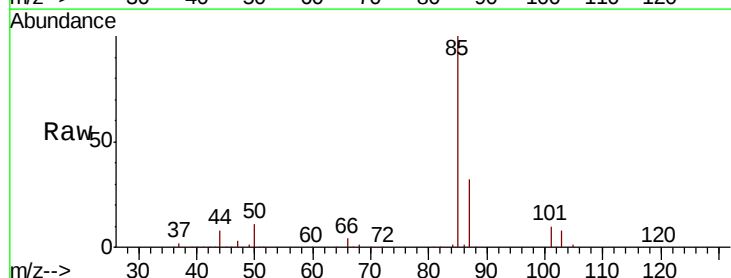
Acq: 10 Oct 2018 04:18

Tgt Ion: 85 Resp: 70612

Ion Ratio Lower Upper

85 100

87 32.4 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

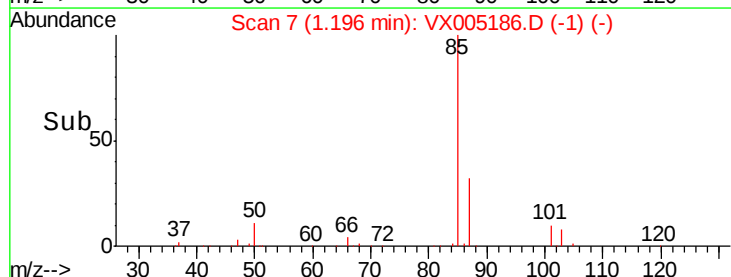
60000

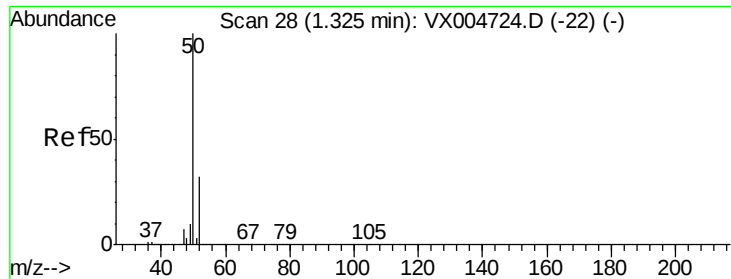
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 23.885 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

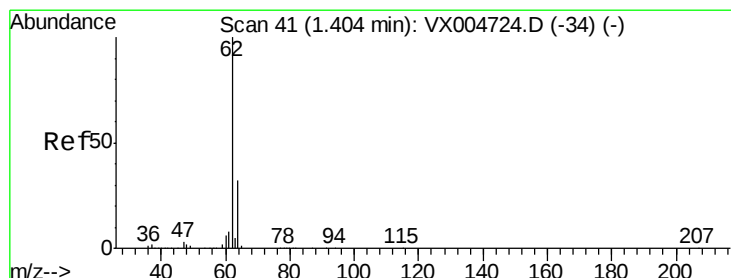
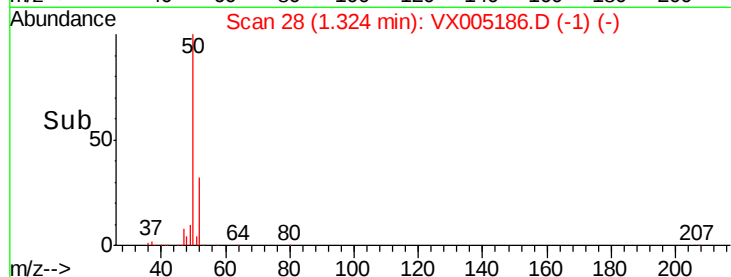
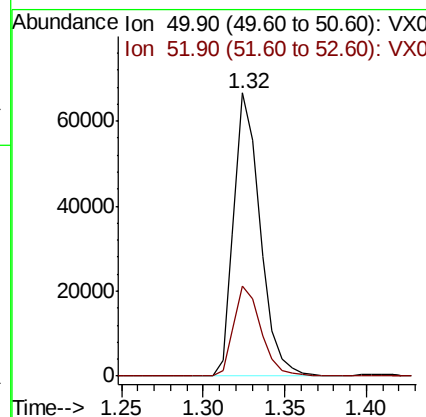
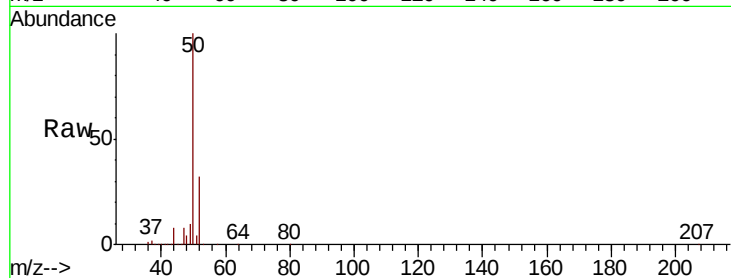
VX1009WBSD02

Tot Ion: 50 Resp: 75324

Ion Ratio Lower Upper

50 100

52 31.7 25.8 38.6



#4

Vinyl Chloride

Concen: 24.892 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005186.D

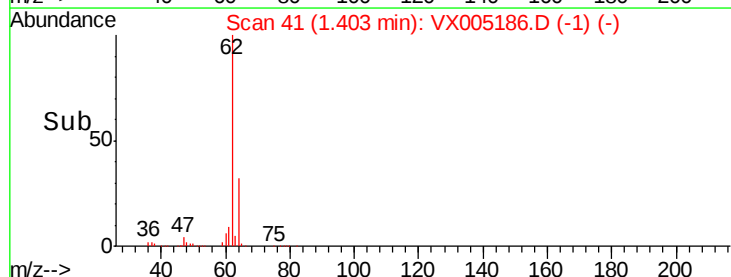
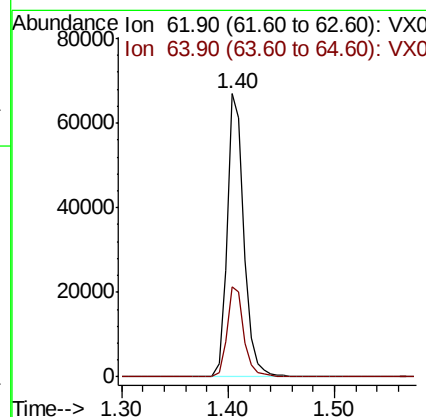
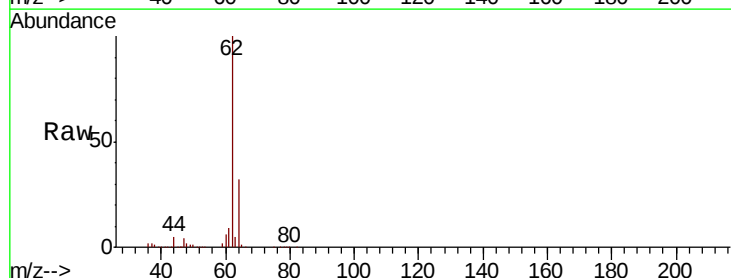
Acq: 10 Oct 2018 04:18

Tgt Ion: 62 Resp: 73626

Ion Ratio Lower Upper

62 100

64 31.6 25.5 38.3





#5

Bromomethane

Concen: 23.886 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

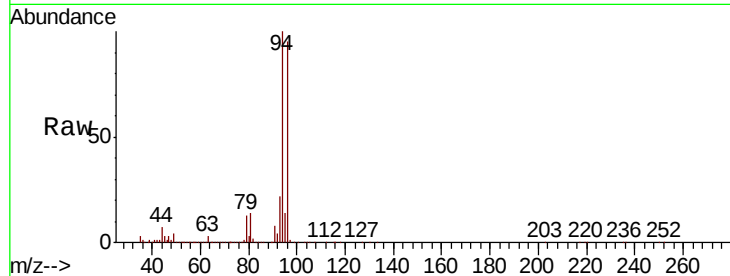
VX1009WBSD02

Tot Ion: 94 Resp: 41895

Ion Ratio Lower Upper

94 100

96 94.9 79.5 119.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

50000

40000

30000

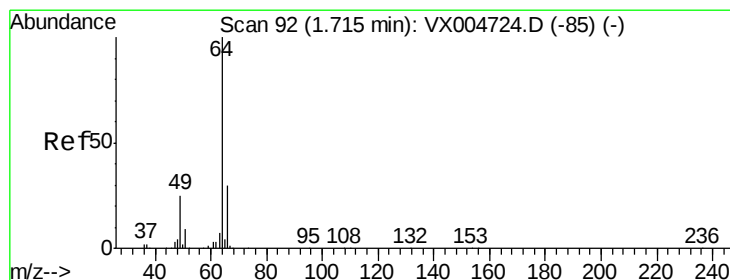
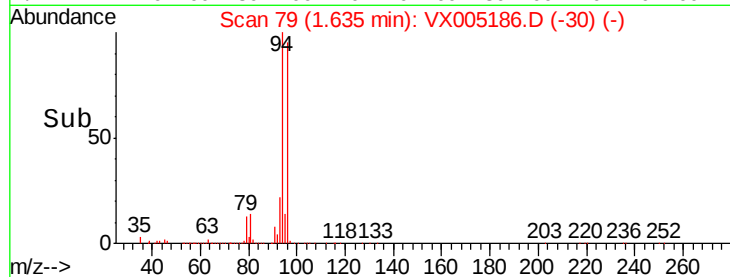
20000

10000

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 26.084 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX005186.D

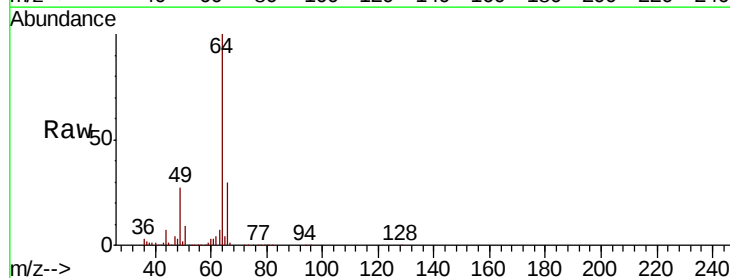
Acq: 10 Oct 2018 04:18

Tgt Ion: 64 Resp: 43840

Ion Ratio Lower Upper

64 100

66 30.5 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

30000

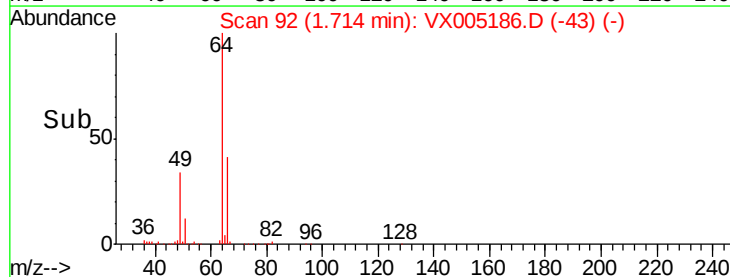
20000

10000

0

1.65 1.70 1.75 1.80

Time-->



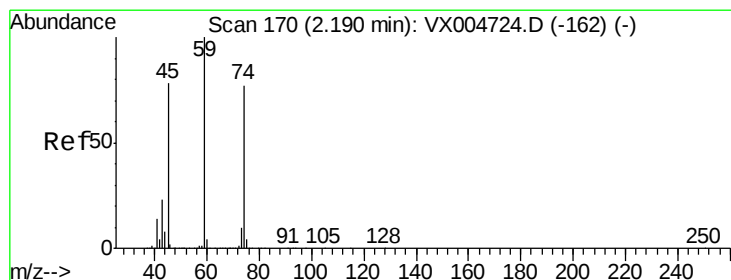
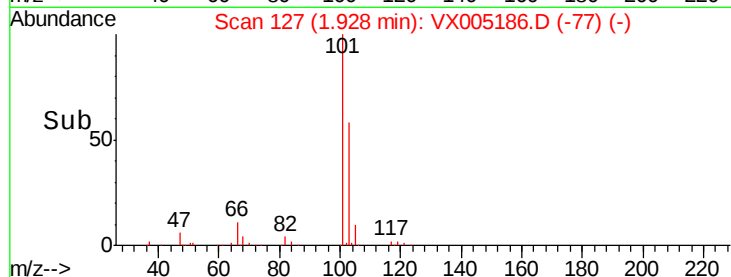
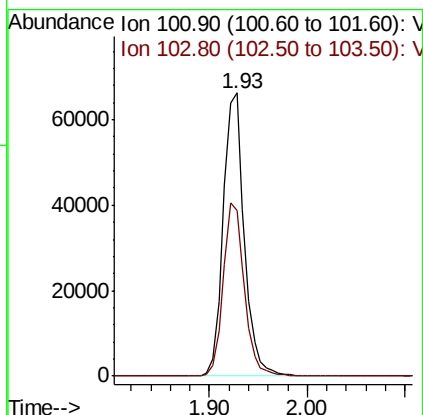
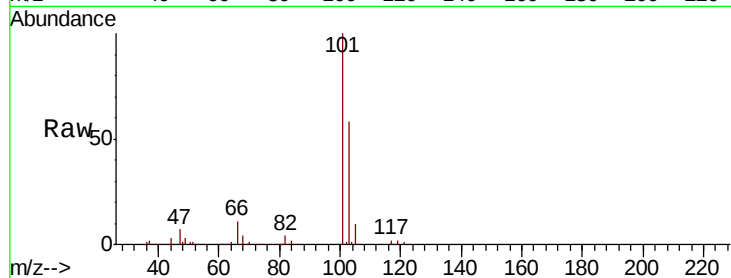


#7

Trichlorofluoromethane
Concen: 27.005 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

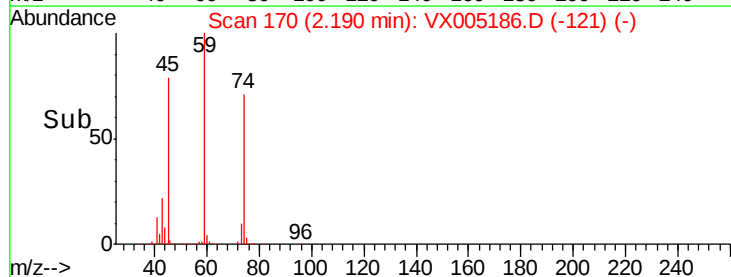
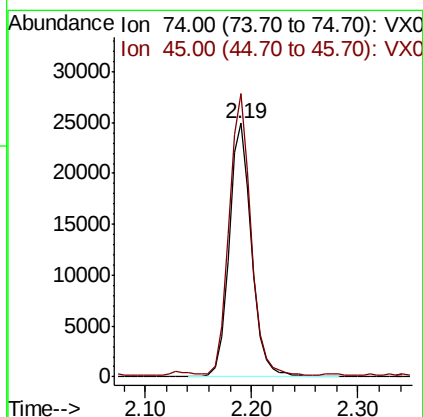
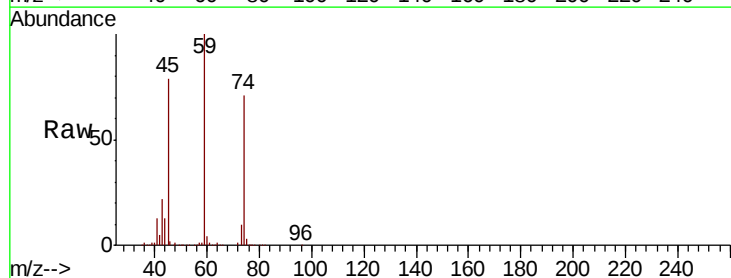
Tot Ion:101 Resp: 98883
Ion Ratio Lower Upper
101 100
103 58.3 48.4 72.6

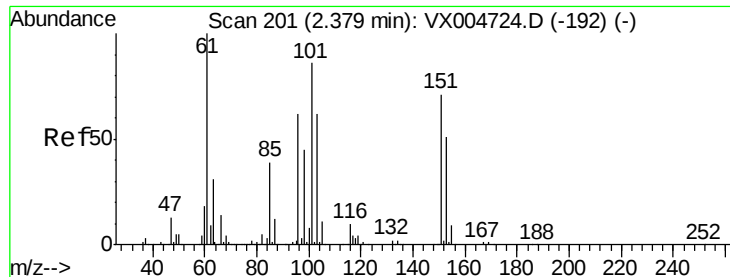


#8

Diethyl Ether
Concen: 22.977 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Tgt Ion: 74 Resp: 36550
Ion Ratio Lower Upper
74 100
45 107.6 52.5 157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 24.547 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

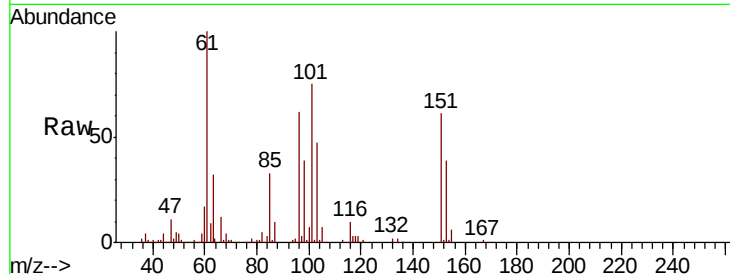
Tot Ion:101 Resp: 51200

Ion Ratio Lower Upper

101 100

85 44.1 35.9 53.9

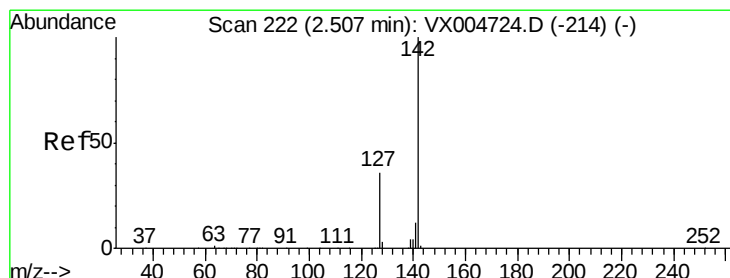
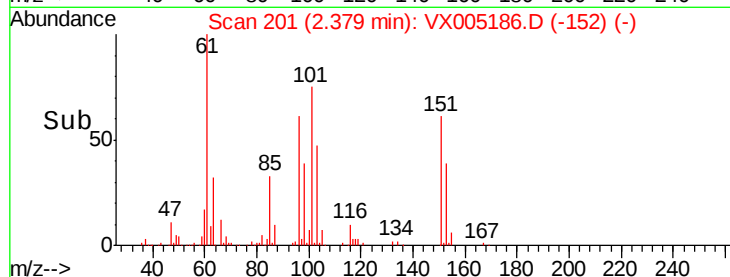
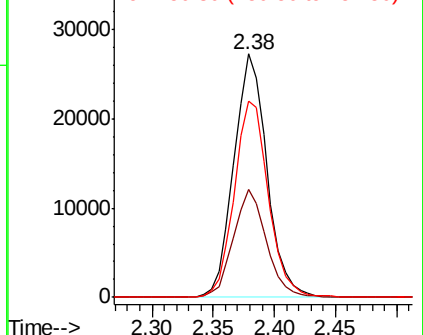
151 82.8 66.6 100.0



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: 19.836 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

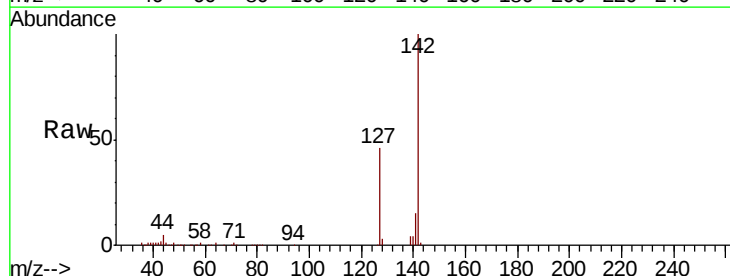
Tgt Ion:142 Resp: 55366

Ion Ratio Lower Upper

142 100

127 44.4 30.1 45.1

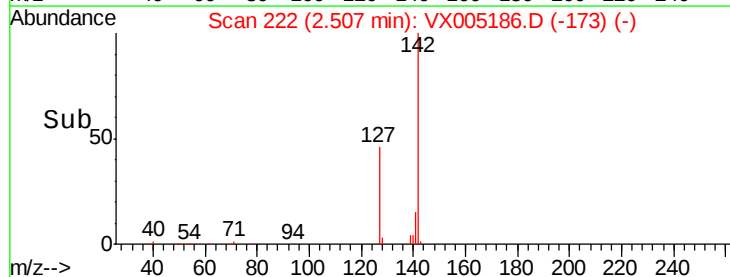
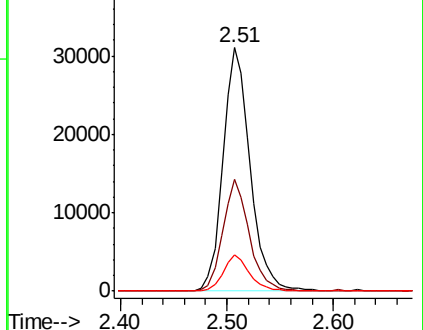
141 14.4 10.1 15.1

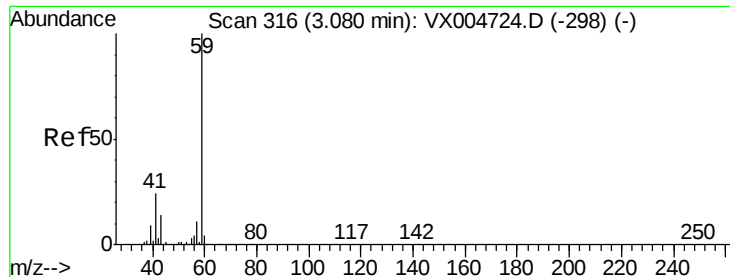


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



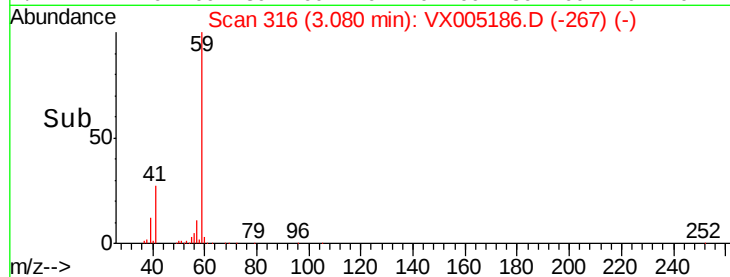
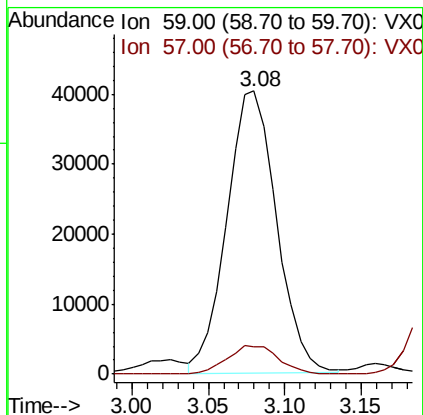
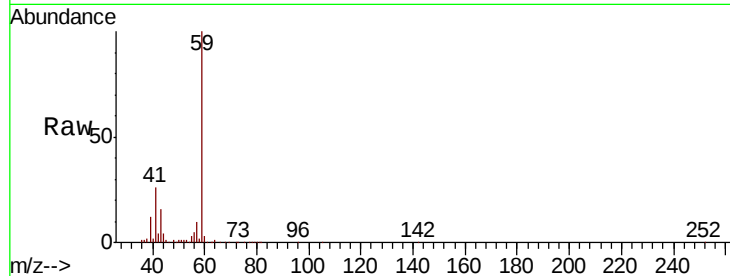


#11

Tert butyl alcohol
 Concen: 119.586 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX005186.D
 Acq: 10 Oct 2018 04:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD02

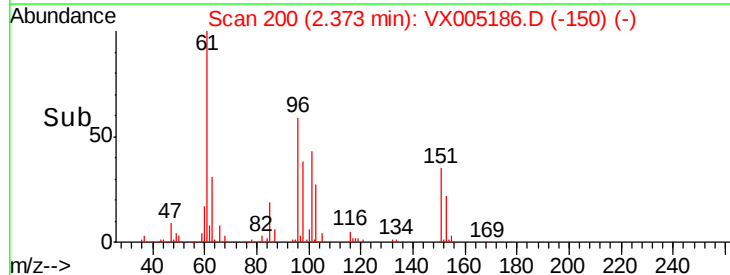
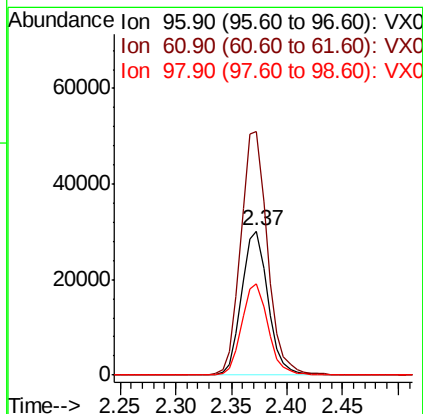
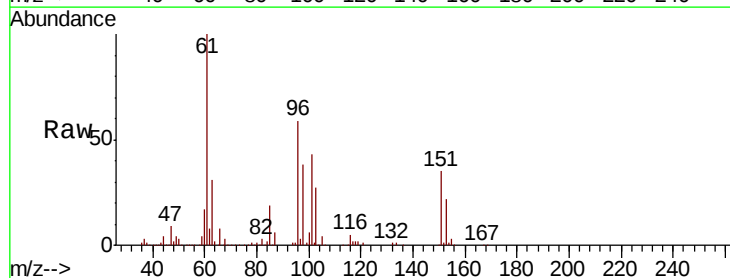
Tot Ion: 59 Resp: 91060
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.6 12.8

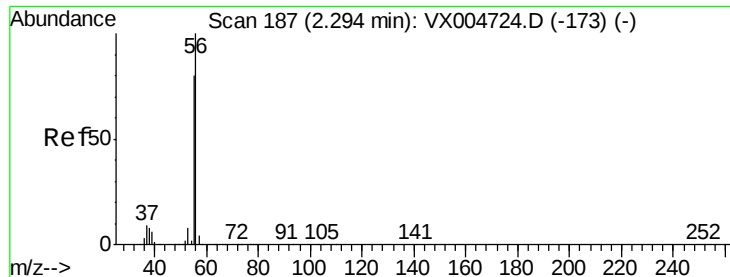


#12

1,1-Dichloroethene
 Concen: 24.182 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX005186.D
 Acq: 10 Oct 2018 04:18

Tgt Ion: 96 Resp: 49952
 Ion Ratio Lower Upper
 96 100
 61 169.2 130.2 195.4
 98 63.8 53.4 80.0





#13

Acrolein

Concen: 98.995 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

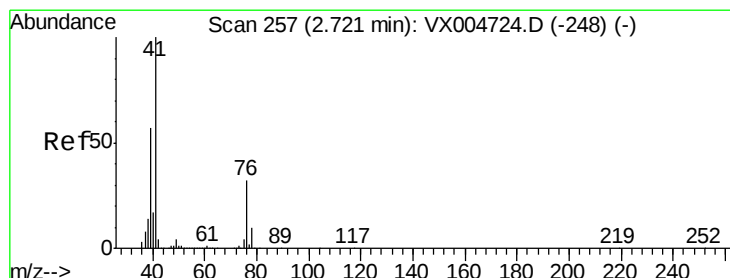
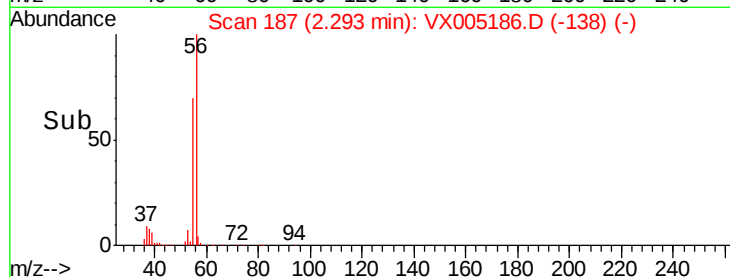
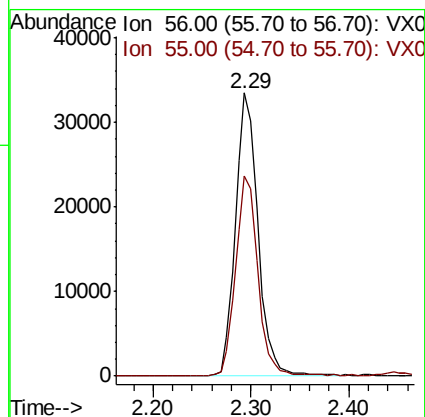
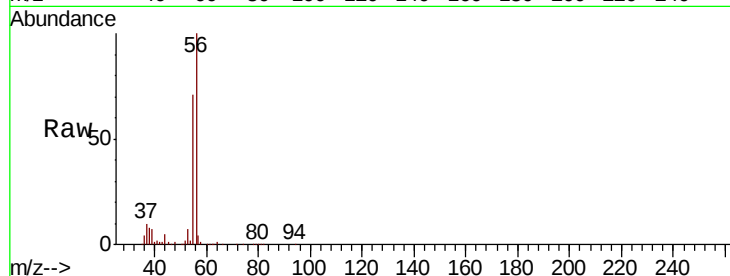
VX1009WBSD02

Tot Ion: 56 Resp: 53633

Ion Ratio Lower Upper

56 100

55 69.1 63.4 95.2



#14

Allyl chloride

Concen: 24.286 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

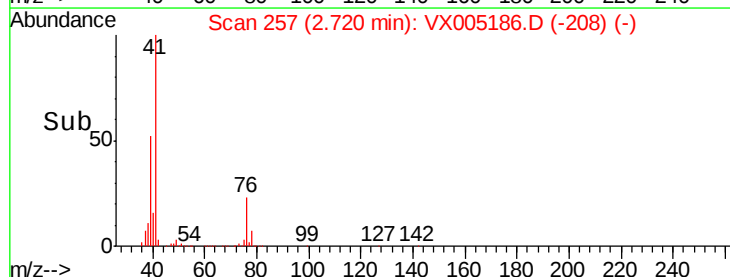
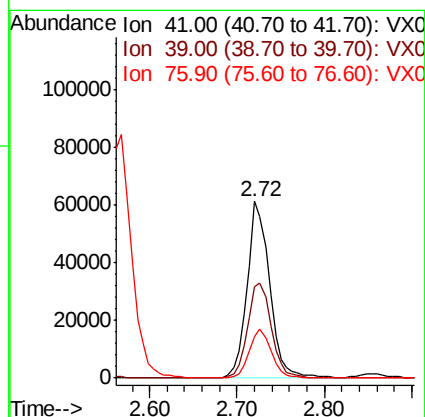
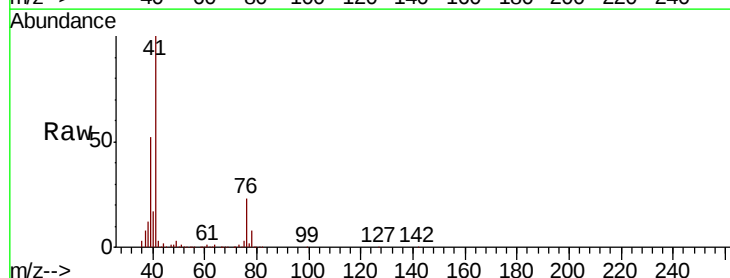
Tgt Ion: 41 Resp: 109458

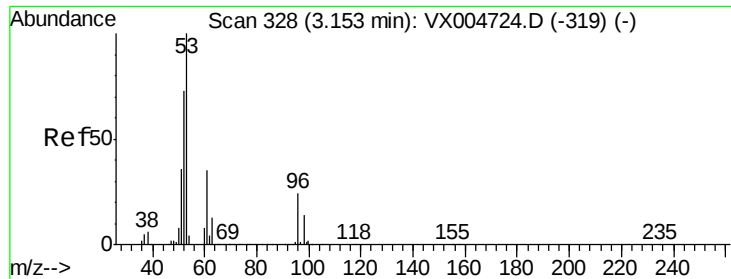
Ion Ratio Lower Upper

41 100

39 56.4 44.1 66.1

76 27.0 25.0 37.4





#15

Acrylonitrile

Concen: 124.167 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

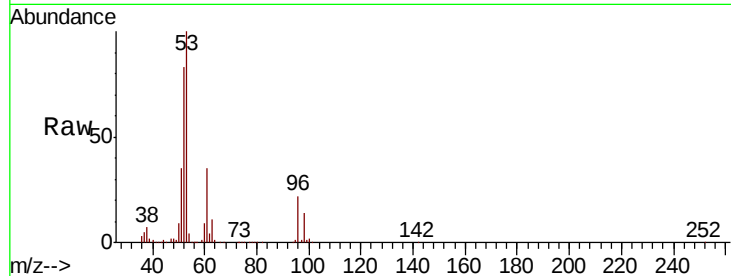
Tot Ion: 53 Resp: 208137

Ion Ratio Lower Upper

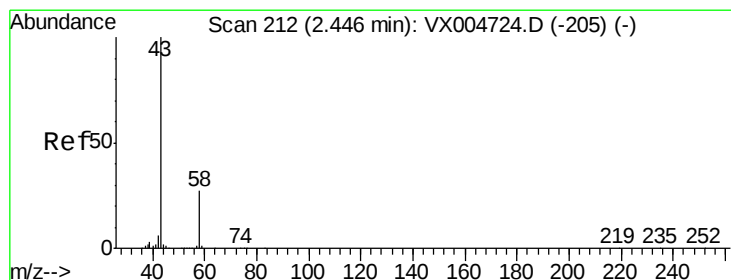
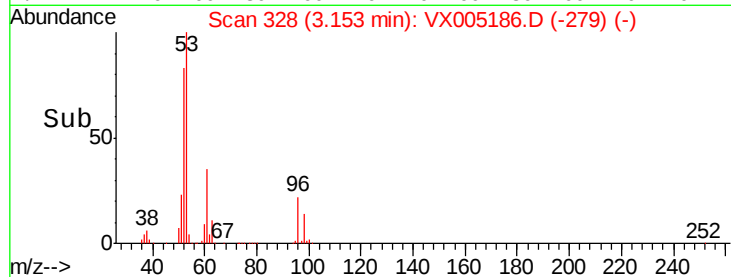
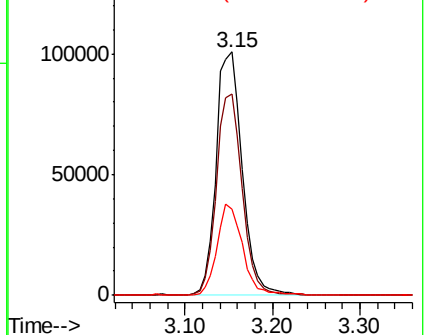
53 100

52 81.5 63.0 94.4

51 36.7 28.6 42.8



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: 117.250 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005186.D

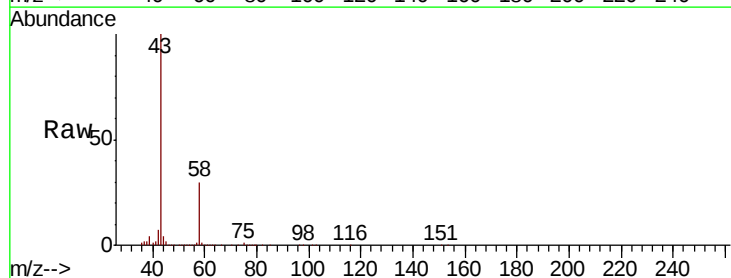
Acq: 10 Oct 2018 04:18

Tgt Ion: 43 Resp: 186418

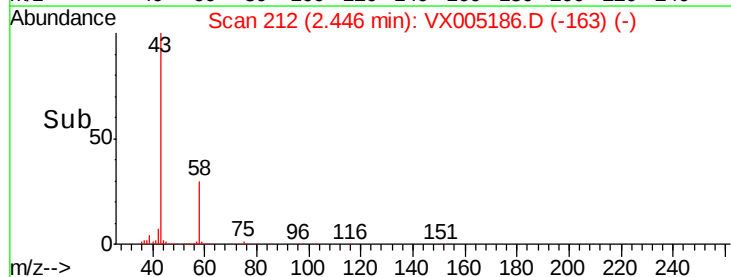
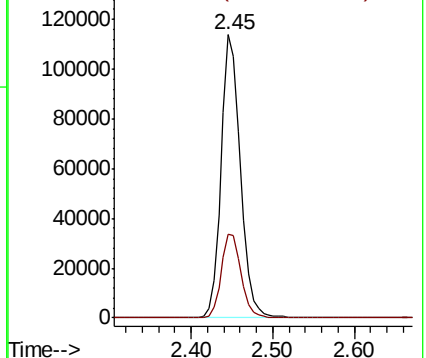
Ion Ratio Lower Upper

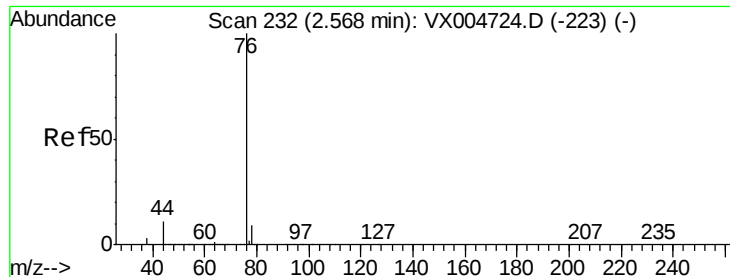
43 100

58 29.6 21.8 32.6



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





#17

Carbon Disulfide

Concen: 23.579 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

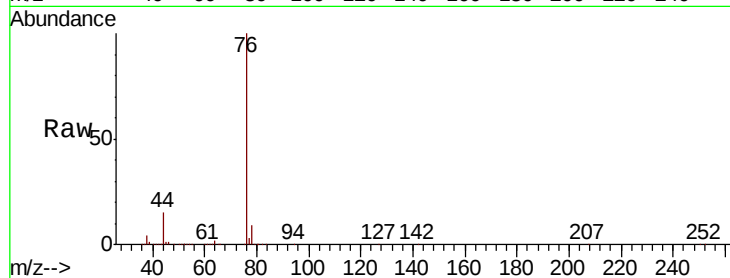
VX1009WBSD02

Tot Ion: 76 Resp: 146355

Ion Ratio Lower Upper

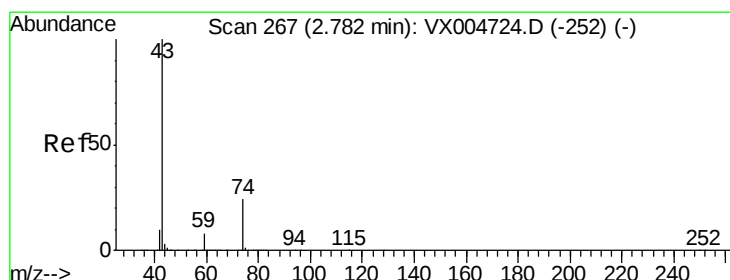
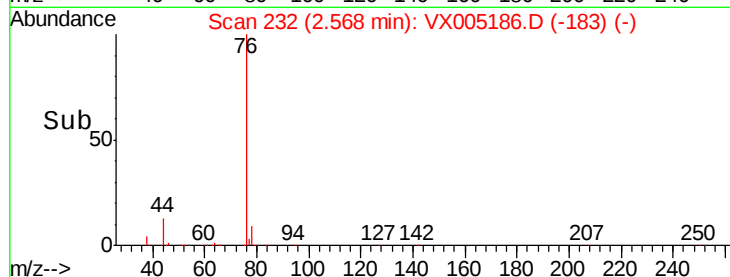
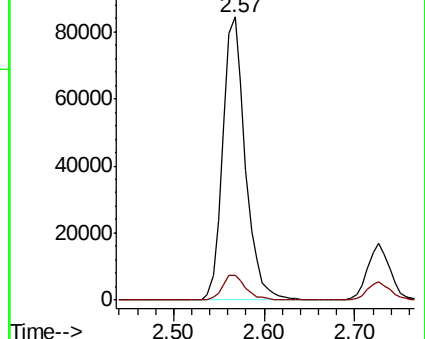
76 100

78 8.8 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 27.145 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005186.D

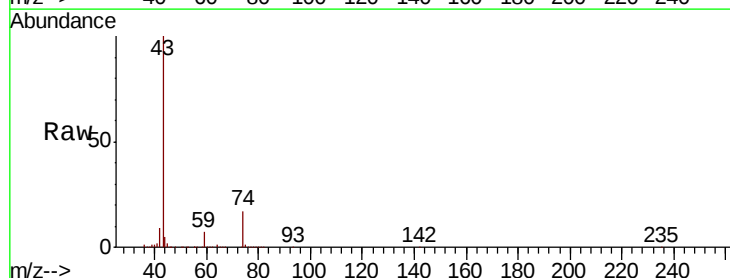
Acq: 10 Oct 2018 04:18

Tgt Ion: 43 Resp: 109348

Ion Ratio Lower Upper

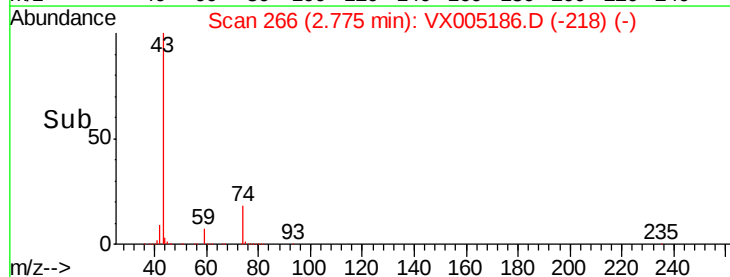
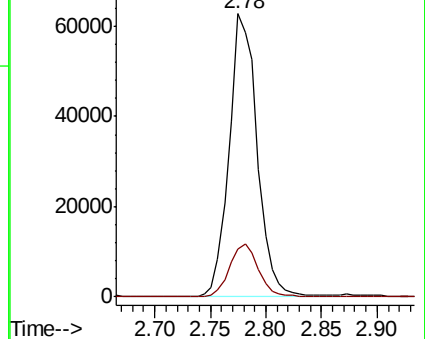
43 100

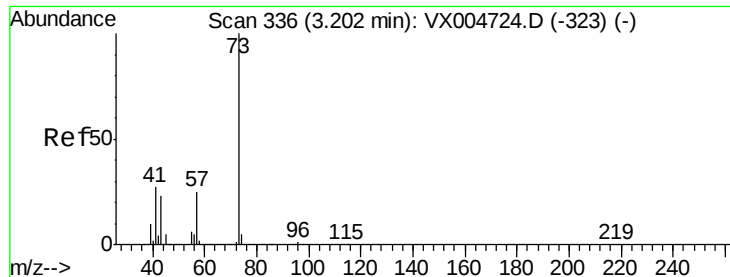
74 19.2 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



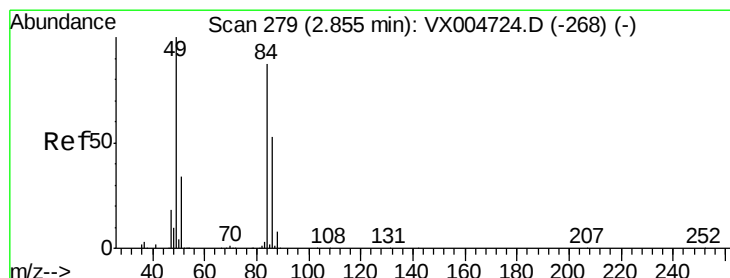
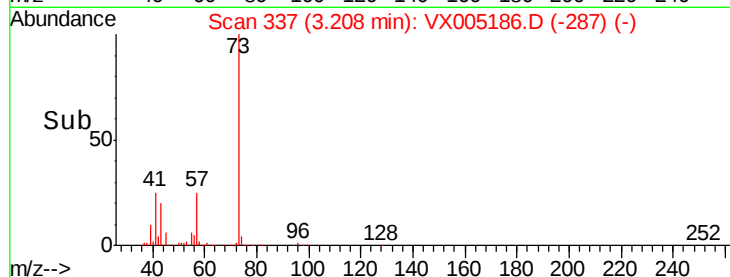
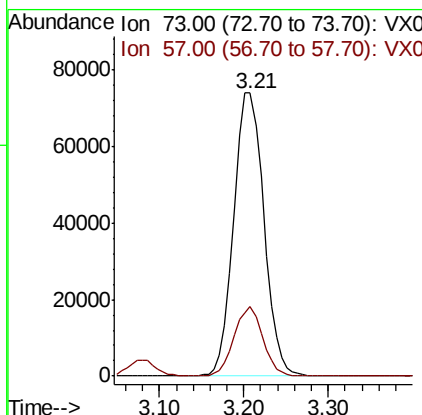
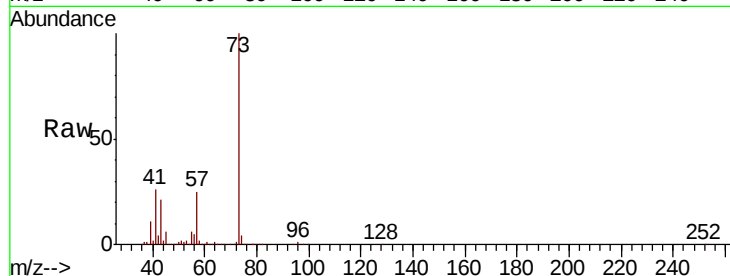


#19

Methyl tert-butyl Ether
 Concen: 25.185 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX005186.D
 Acq: 10 Oct 2018 04:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD02

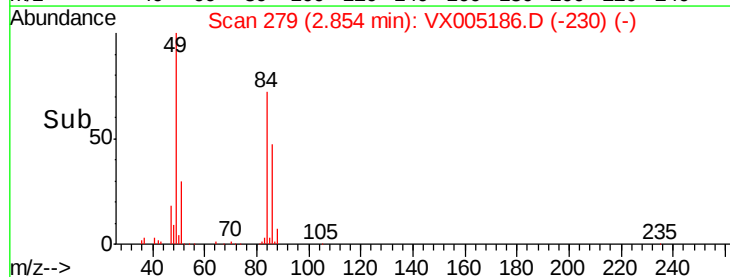
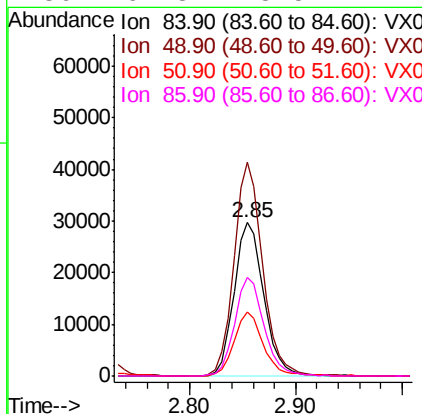
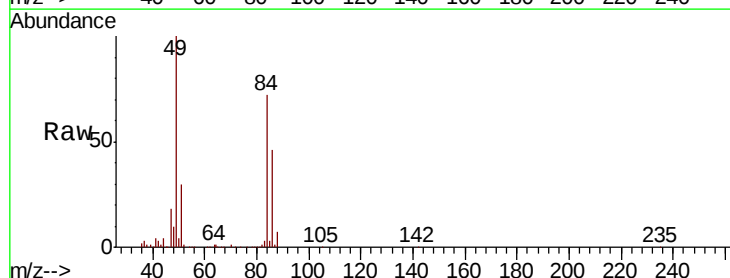
Tot Ion: 73 Resp: 179445
 Ion Ratio Lower Upper
 73 100
 57 24.7 19.9 29.9

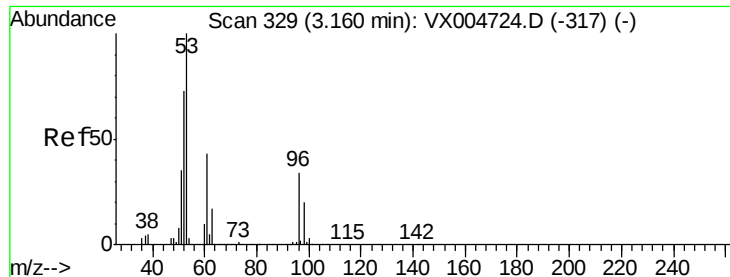


#20

Methylene Chloride
 Concen: 24.760 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX005186.D
 Acq: 10 Oct 2018 04:18

Tgt Ion: 84 Resp: 58216
 Ion Ratio Lower Upper
 84 100
 49 139.5 92.3 138.5#
 51 41.5 31.8 47.6
 86 64.8 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 24.111 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

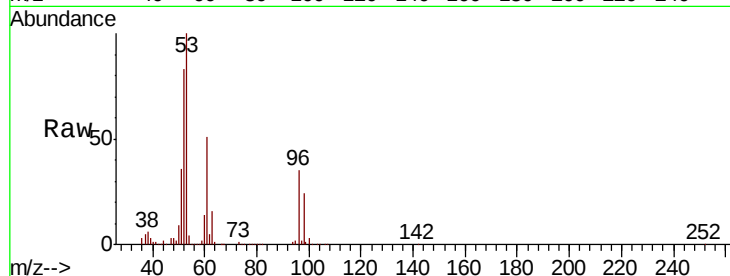
Tot Ion: 96 Resp: 54521

Ion Ratio Lower Upper

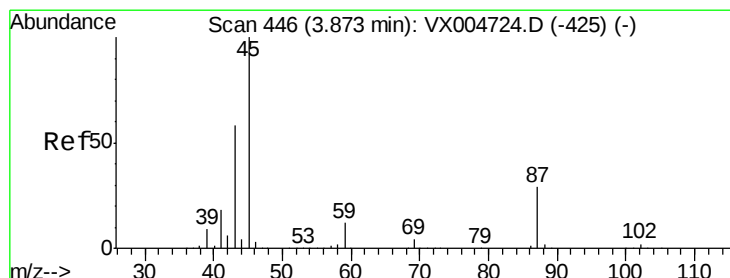
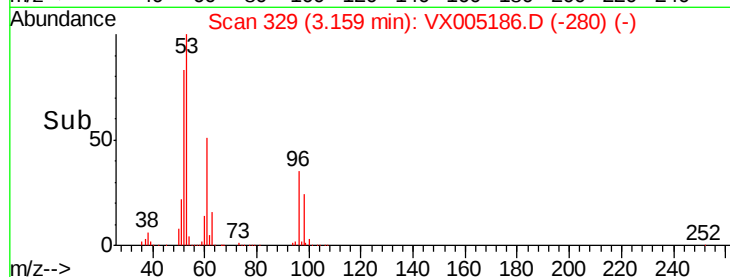
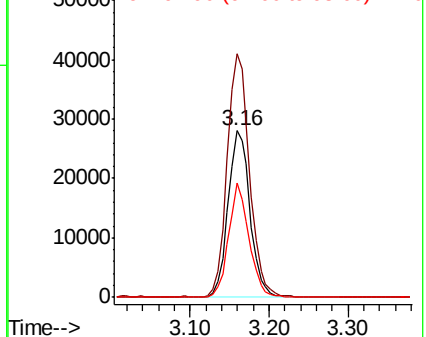
96 100

61 145.8 101.0 151.6

98 68.3 47.2 70.8



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: 23.850 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Tgt Ion: 45 Resp: 181008

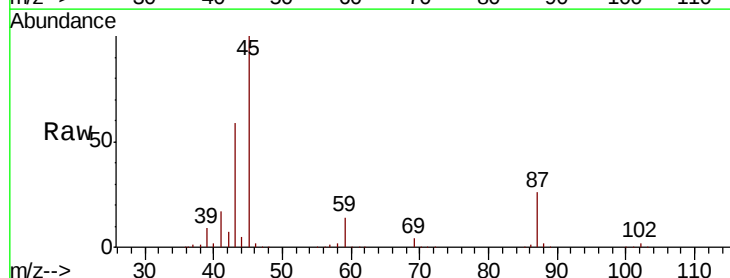
Ion Ratio Lower Upper

45 100

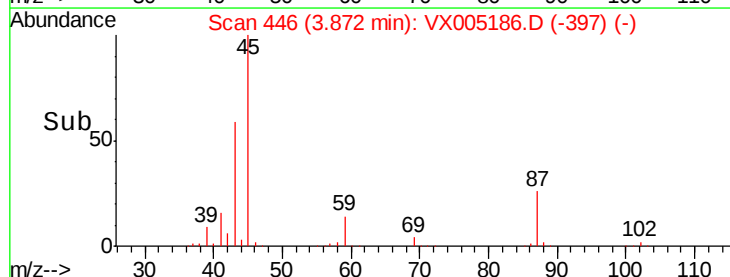
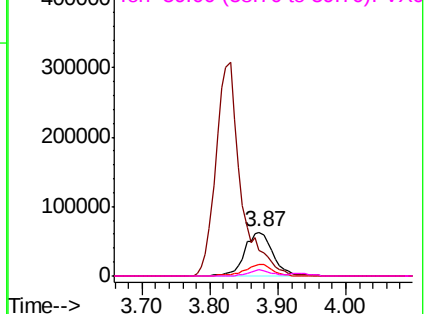
43 59.0 46.7 70.1

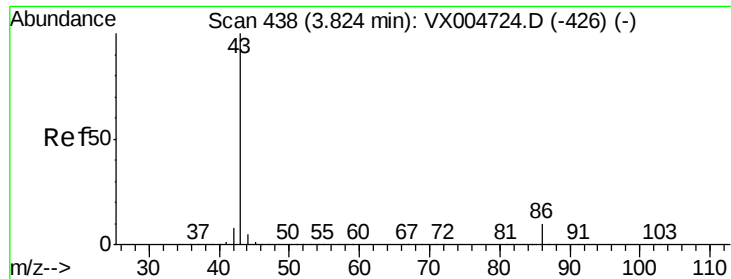
87 26.2 22.9 34.3

59 14.4 9.3 13.9#



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

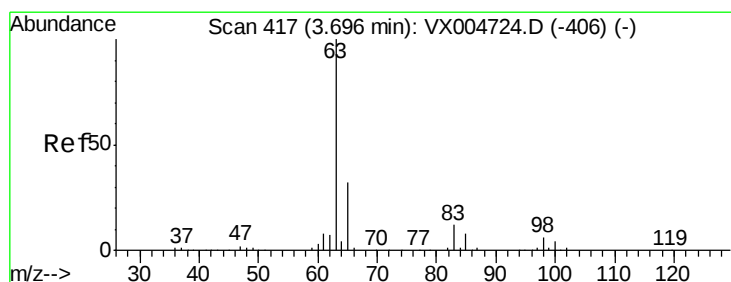
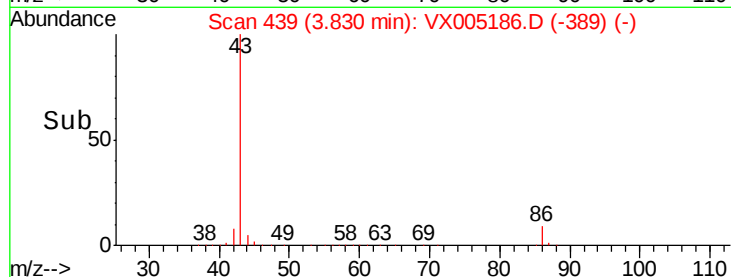
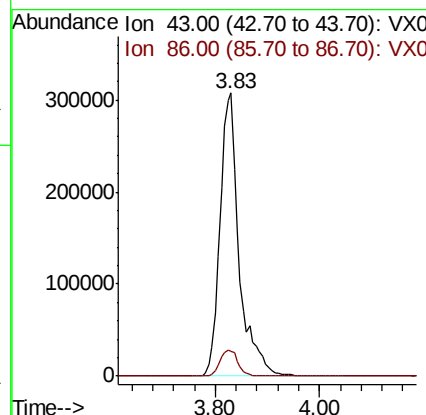
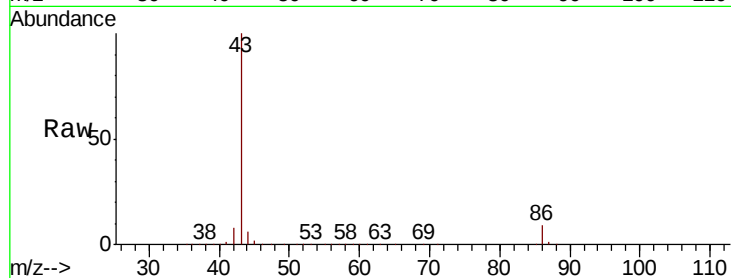




#23
 Vinyl Acetate
 Concen: 113.564 ug/l
 RT: 3.83 min Scan# 439
 Delta R.T. 0.01 min
 Lab File: VX005186.D
 Acq: 10 Oct 2018 04:18

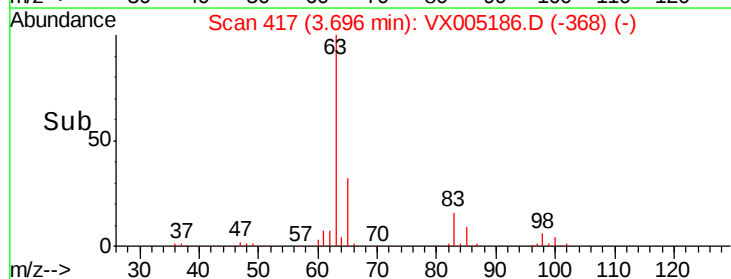
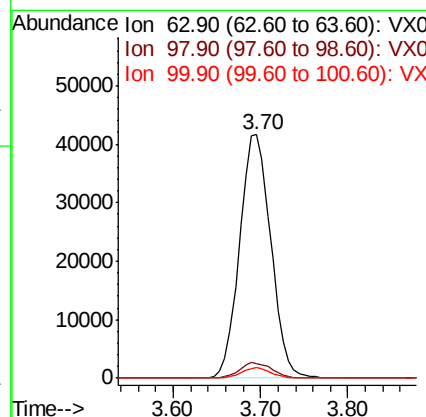
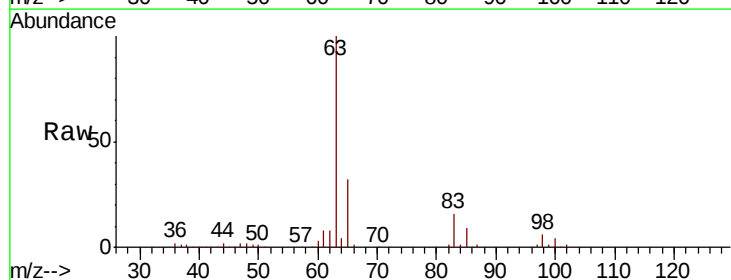
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD02

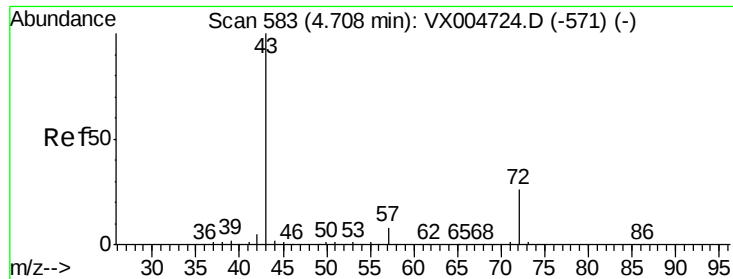
Tot Ion: 43 Resp: 788947
 Ion Ratio Lower Upper
 43 100
 86 9.0 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 22.880 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX005186.D
 Acq: 10 Oct 2018 04:18

Tgt Ion: 63 Resp: 103583
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.0 9.2
 100 4.4 2.0 5.8





#25

2-Butanone

Concen: 112.721 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

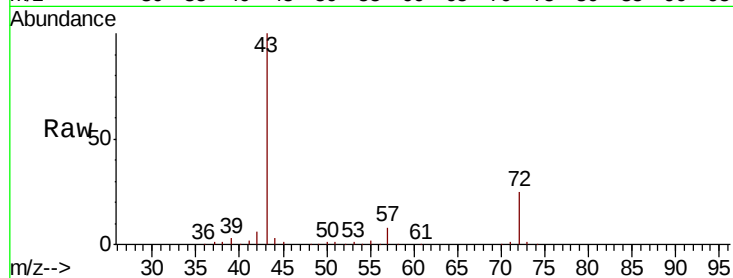
VX1009WBSD02

Tot Ion: 43 Resp: 264172

Ion Ratio Lower Upper

43 100

72 24.5 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX004724.D (-571) (-)

Ion 72.00 (71.70 to 72.70): VX004724.D (-571) (-)

4.71

80000

60000

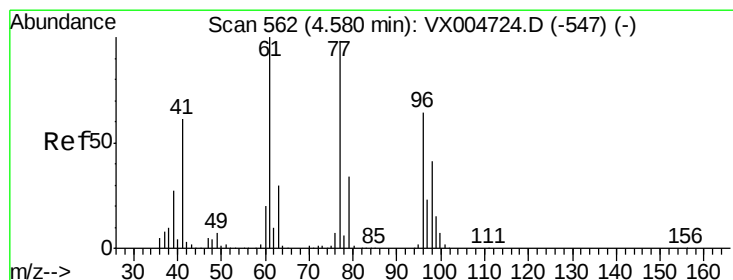
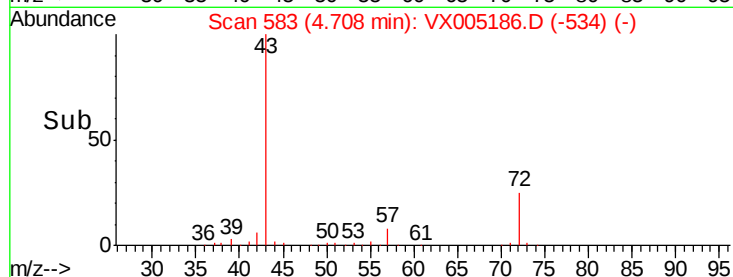
40000

20000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 13.736 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005186.D

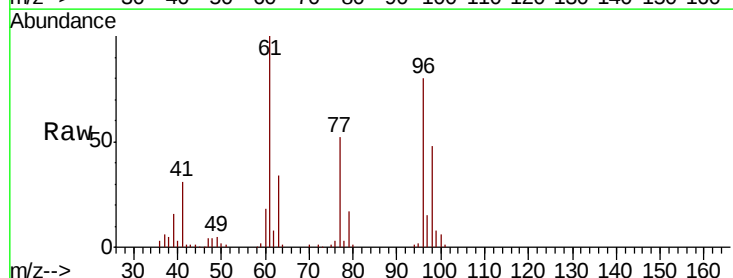
Acq: 10 Oct 2018 04:18

Tgt Ion: 77 Resp: 43305

Ion Ratio Lower Upper

77 100

97 25.7 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX004724.D (-547) (-)

Ion 96.90 (96.60 to 97.60): VX004724.D (-547) (-)

4.59

15000

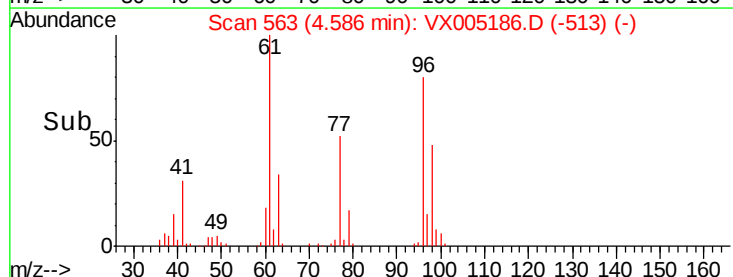
10000

5000

0

4.50 4.60 4.70

Time-->



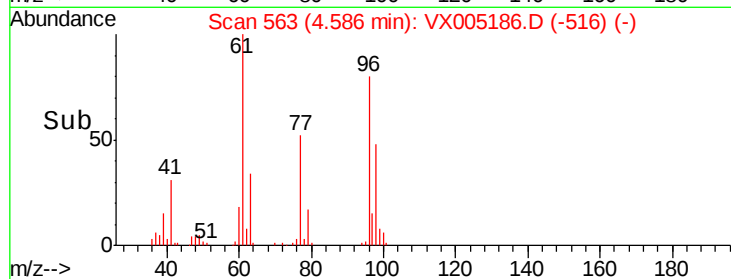
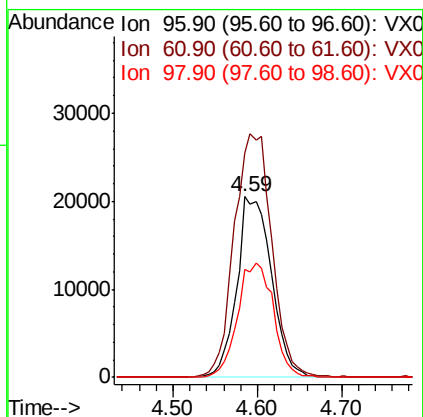
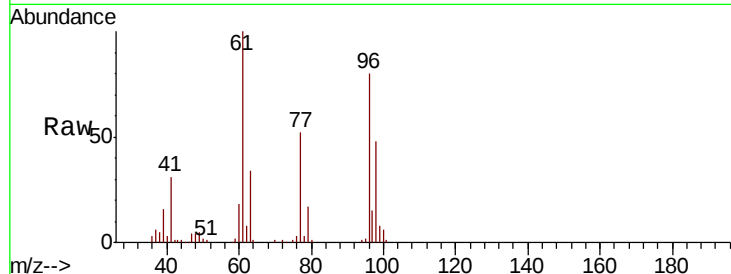


#27

cis-1,2-Dichloroethene
 Concen: 22.561 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: VX005186.D
 Acq: 10 Oct 2018 04:18

Instrument :
 MSVOA_X
 ClientSampled :
 VX1009WBSD02

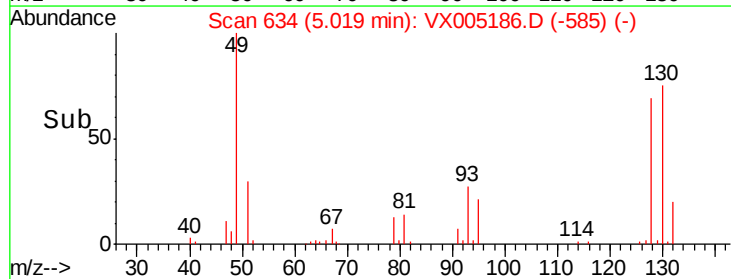
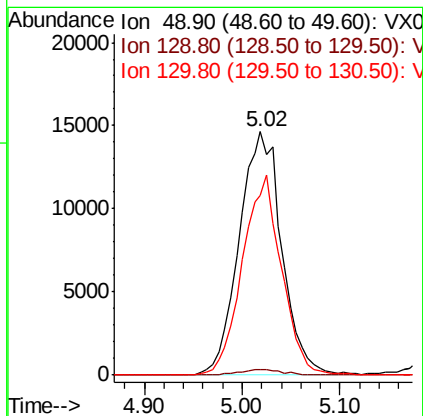
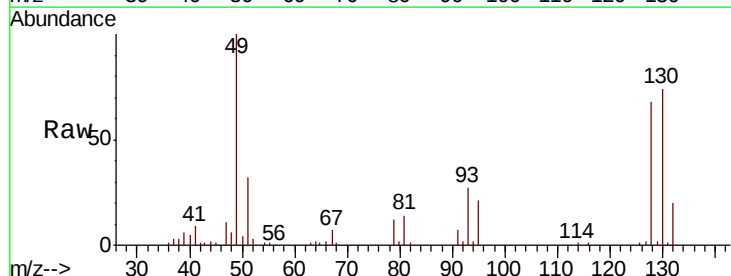
Tot Ion	Ratio	Lower	Upper
96	100		
61	146.8	0.0	285.8
98	65.2	0.0	136.2

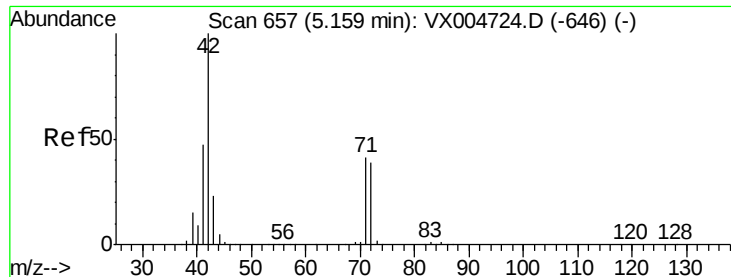


#28

Bromochloromethane
 Concen: 20.714 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX005186.D
 Acq: 10 Oct 2018 04:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	75.4	62.0	93.0





#29

Tetrahydrofuran

Concen: 115.525 ug/l

RT: 5.16 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

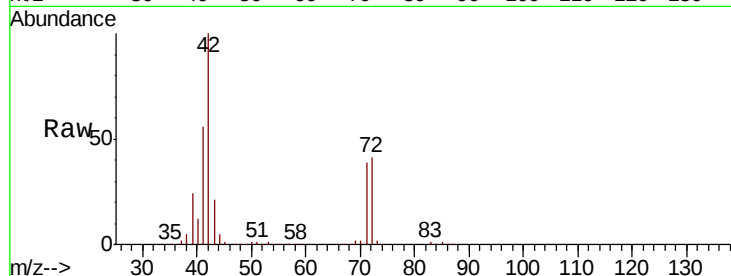
Tot Ion: 42 Resp: 168276

Ion Ratio Lower Upper

42 100

72 43.6 33.7 50.5

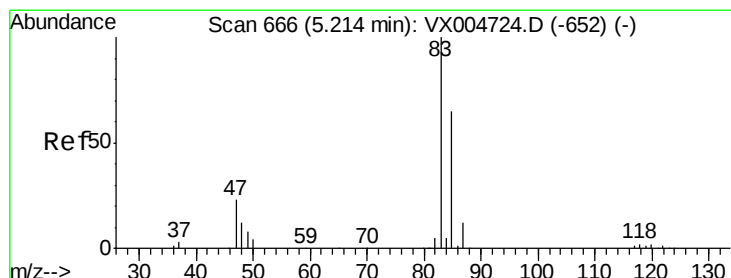
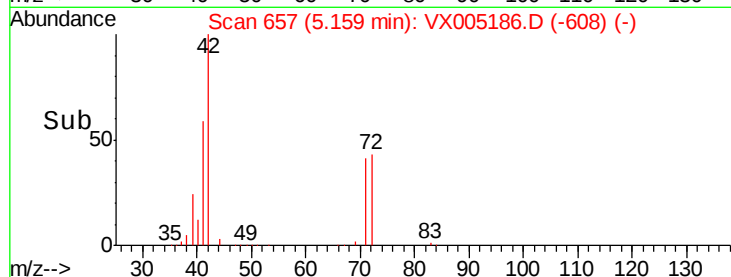
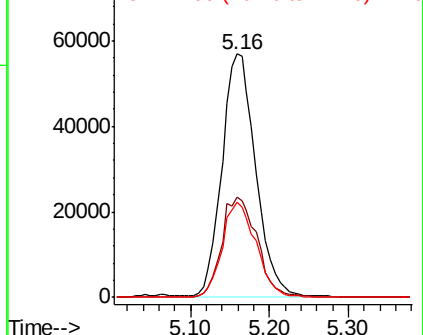
71 39.6 32.2 48.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 22.603 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX005186.D

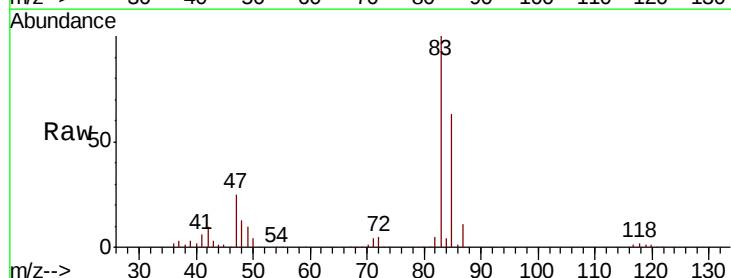
Acq: 10 Oct 2018 04:18

Tgt Ion: 83 Resp: 96711

Ion Ratio Lower Upper

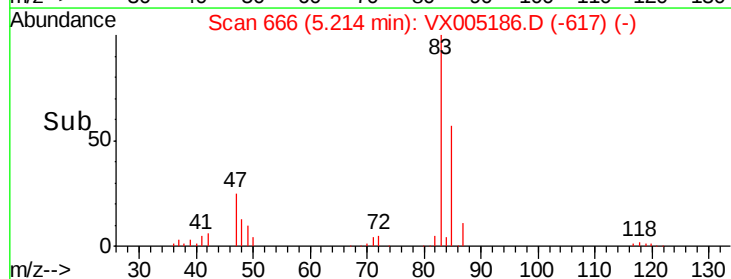
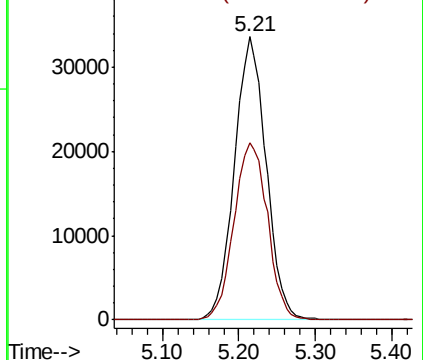
83 100

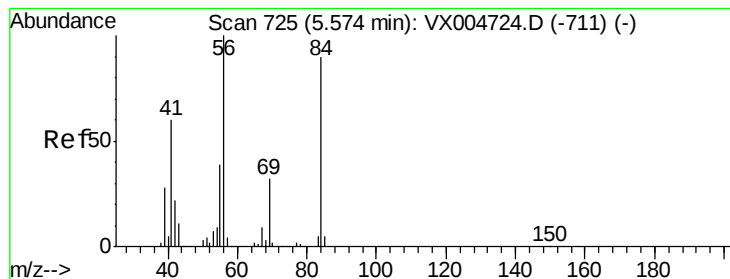
85 62.6 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 24.342 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

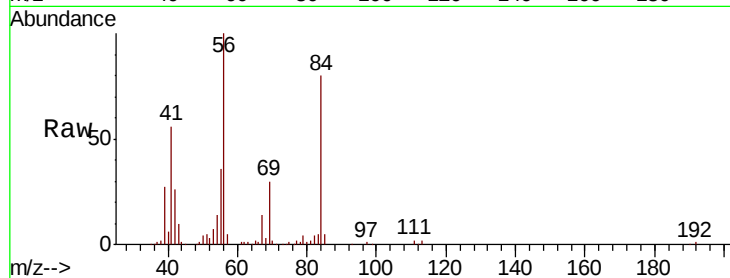
Tot Ion: 56 Resp: 84345

Ion Ratio Lower Upper

56 100

69 30.2 25.9 38.9

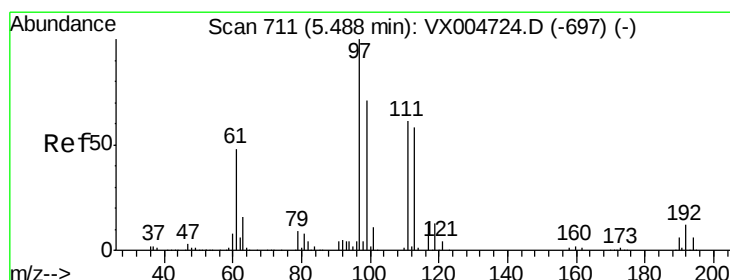
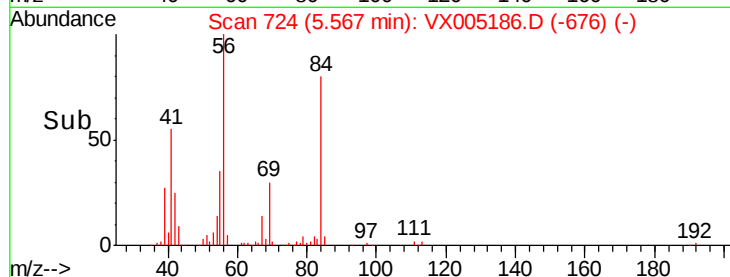
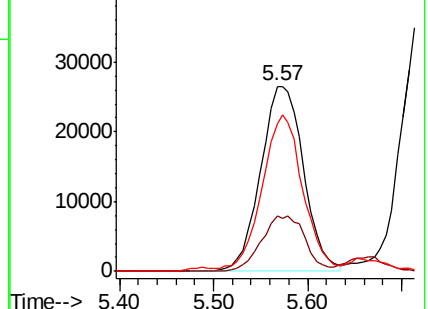
84 78.8 71.9 107.9



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: 23.638 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

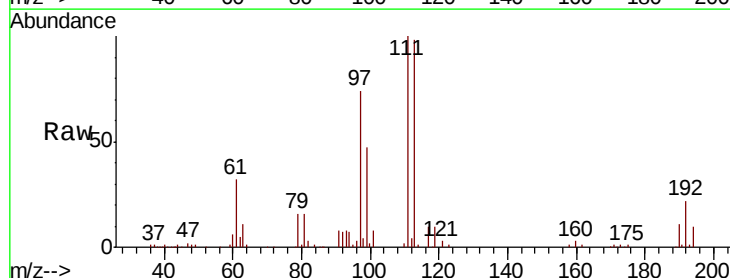
Tgt Ion: 97 Resp: 82598

Ion Ratio Lower Upper

97 100

99 64.7 54.6 82.0

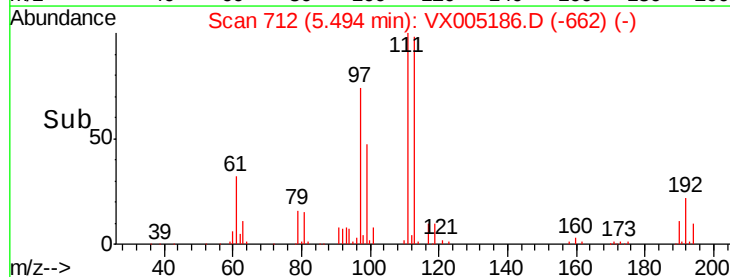
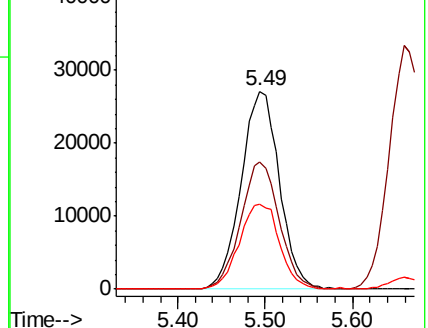
61 45.1 37.5 56.3



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: 52.280 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

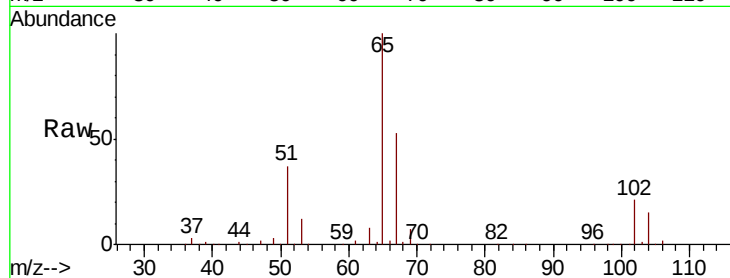
VX1009WBSD02

Tot Ion: 65 Resp: 142375

Ion Ratio Lower Upper

65 100

67 50.7 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

50000

40000

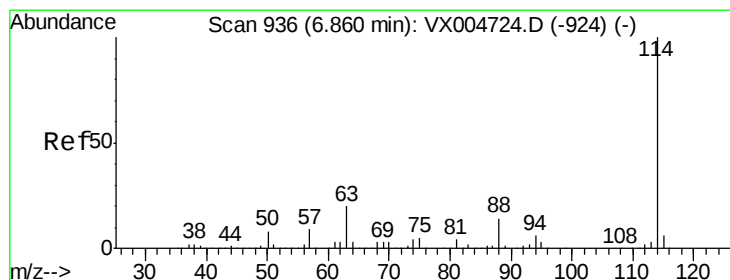
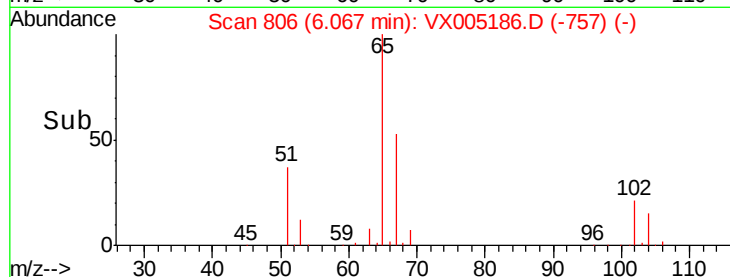
30000

20000

10000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

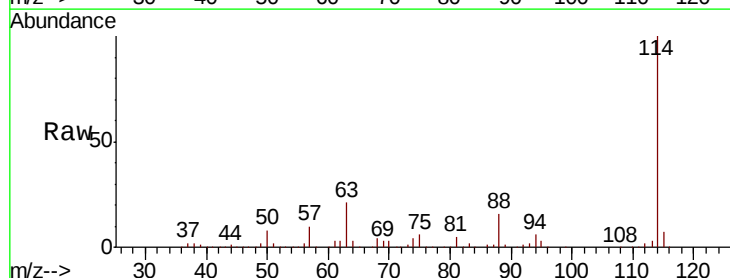
Tgt Ion: 114 Resp: 276742

Ion Ratio Lower Upper

114 100

63 21.4 0.0 39.8

88 16.0 0.0 27.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

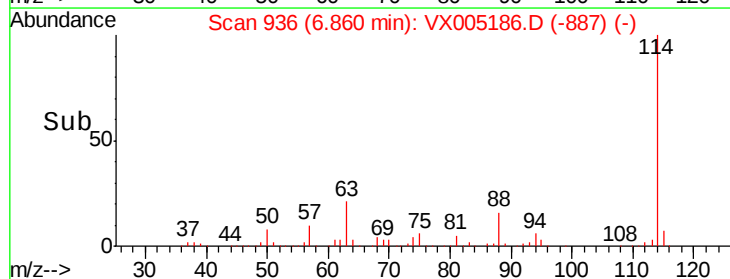
150000

100000

50000

0

Time-->





#35

Dibromofluoromethane

Concen: 47.628 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

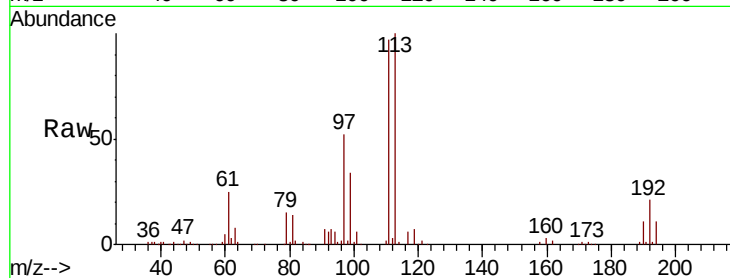
Tot Ion:113 Resp: 111707

Ion Ratio Lower Upper

113 100

111 102.8 77.0 115.4

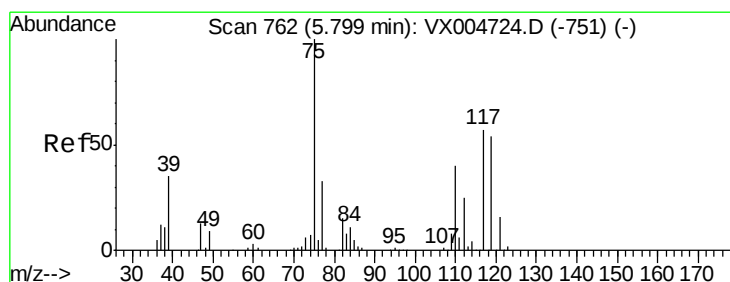
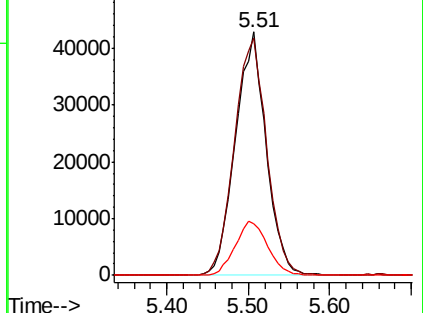
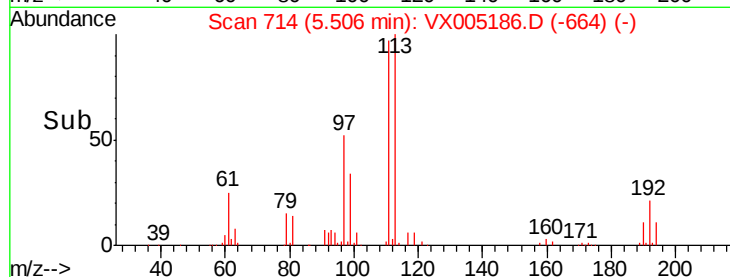
192 23.5 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 21.707 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

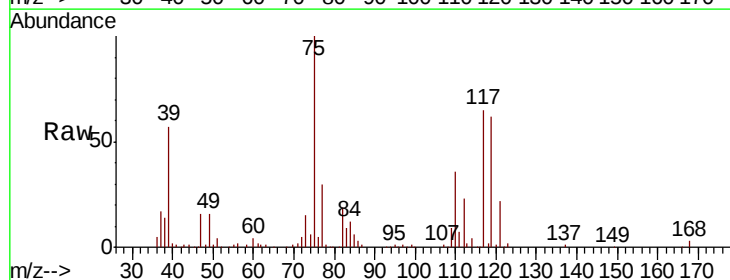
Tgt Ion: 75 Resp: 69462

Ion Ratio Lower Upper

75 100

110 36.5 20.0 59.9

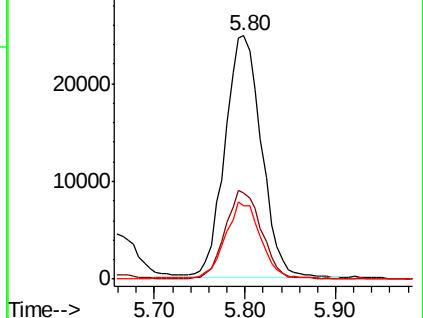
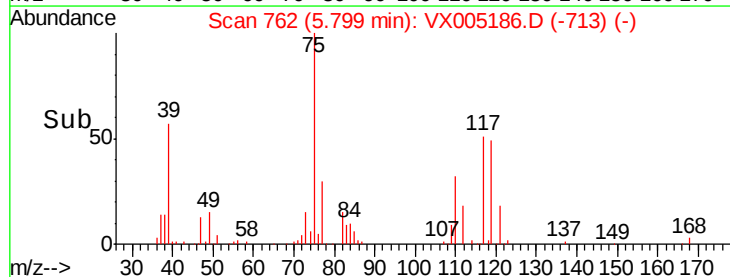
77 31.0 27.1 40.7

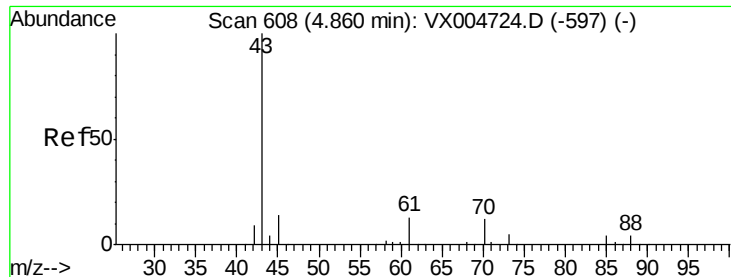


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

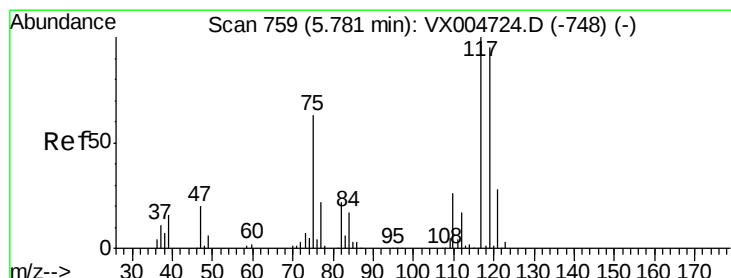
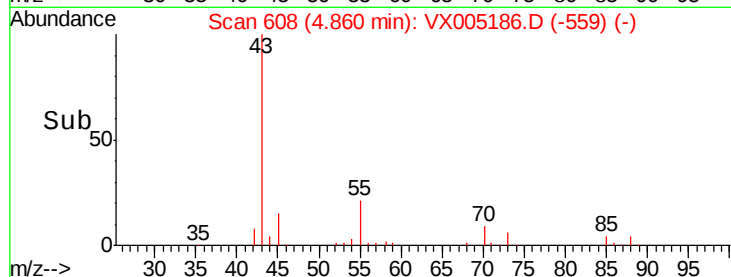
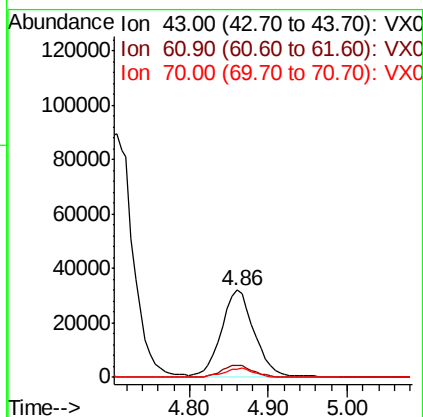
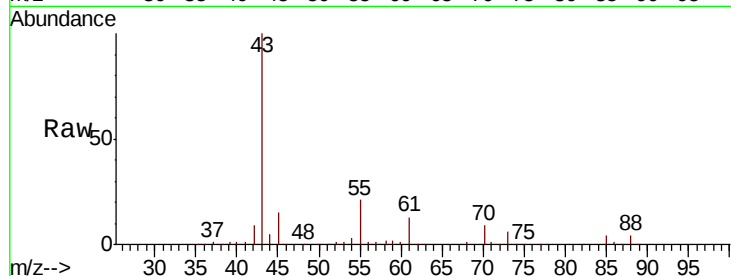




#37
Ethyl Acetate
Concen: 21.671 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

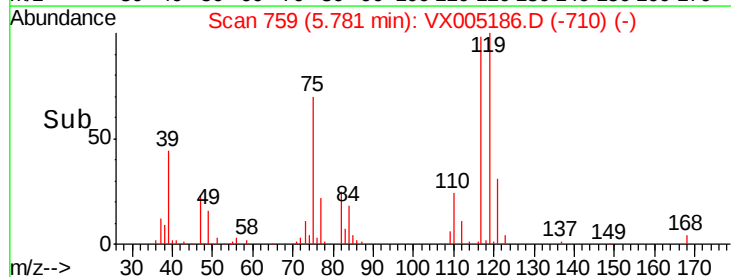
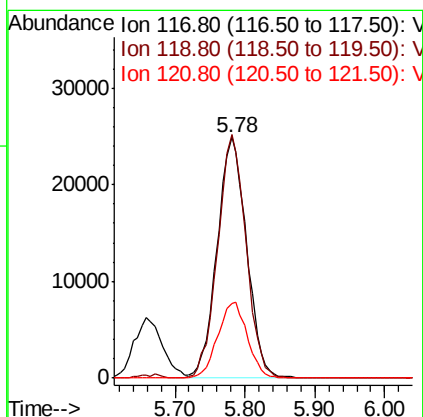
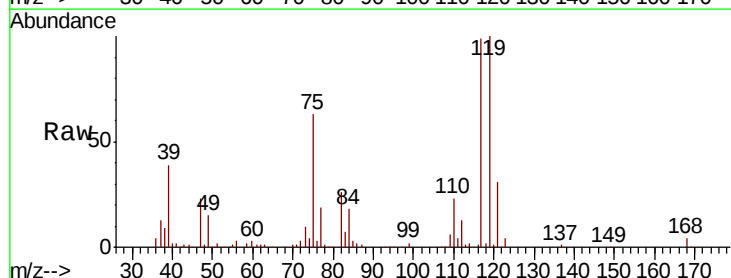
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

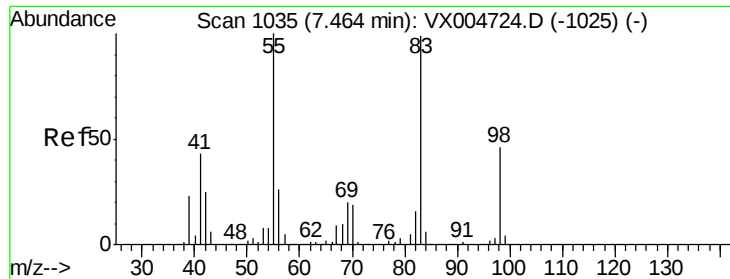
Tot Ion: 43 Resp: 92053
Ion Ratio Lower Upper
43 100
61 13.8 10.4 15.6
70 10.2 8.7 13.1



#38
Carbon Tetrachloride
Concen: 21.658 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Tgt Ion: 117 Resp: 72853
Ion Ratio Lower Upper
117 100
119 101.2 75.2 112.8
121 31.3 22.5 33.7

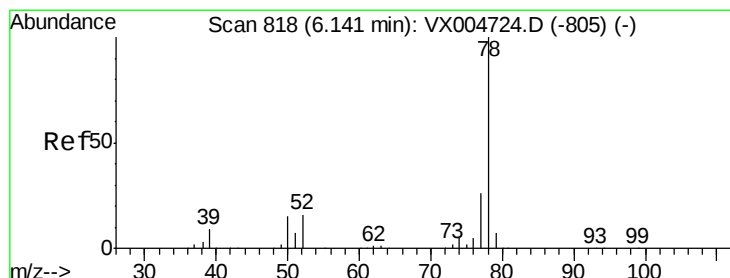
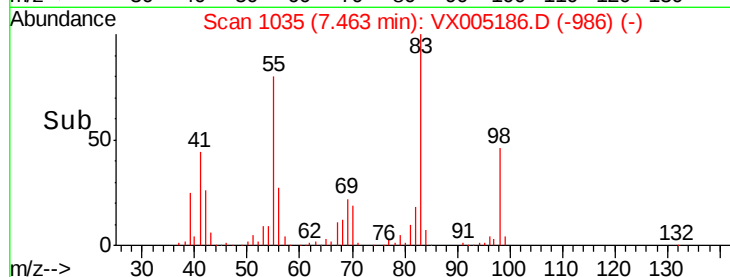
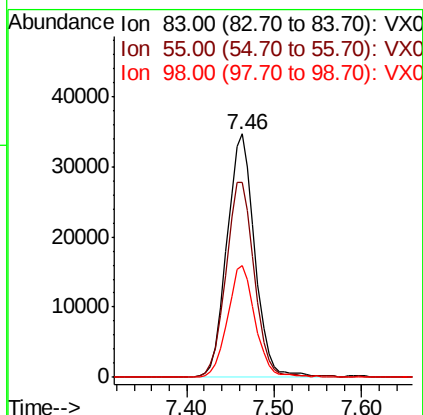
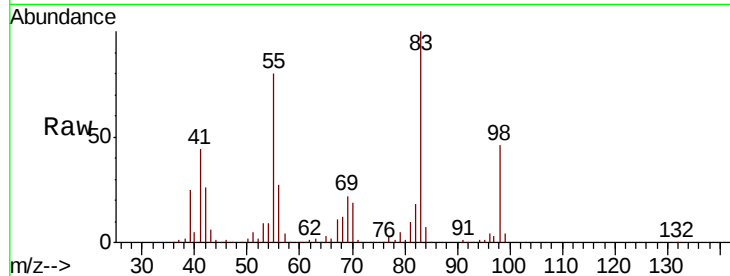




#39
Methvlcvclohexane
Concen: 23.494 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

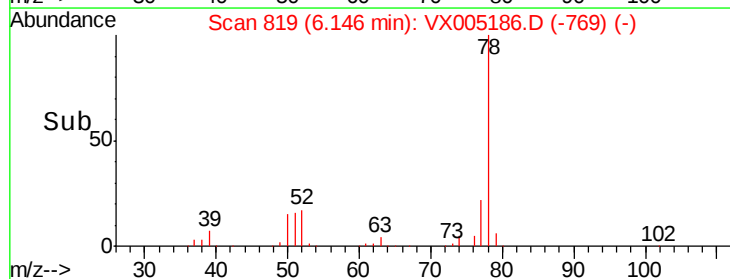
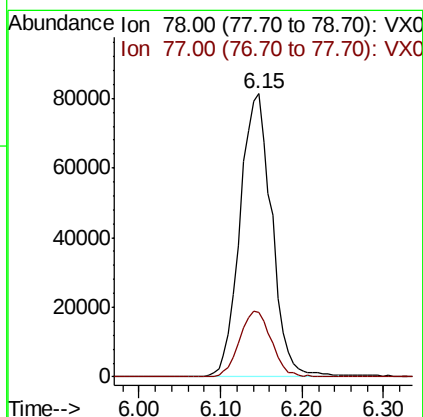
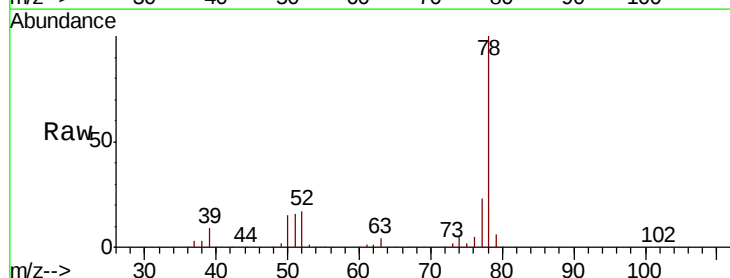
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion: 83 Resp: 76770
Ion Ratio Lower Upper
83 100
55 80.2 81.1 121.7#
98 45.9 37.3 55.9



#40
Benzene
Concen: 21.916 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Tgt Ion: 78 Resp: 219562
Ion Ratio Lower Upper
78 100
77 22.8 21.0 31.4

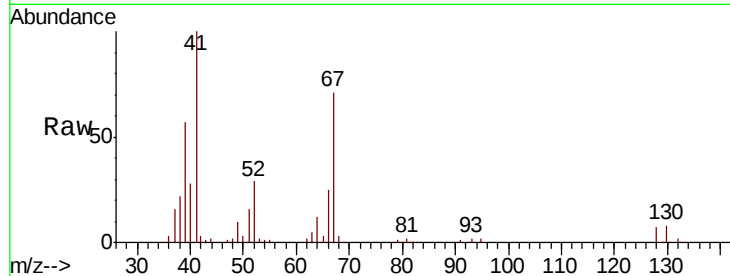




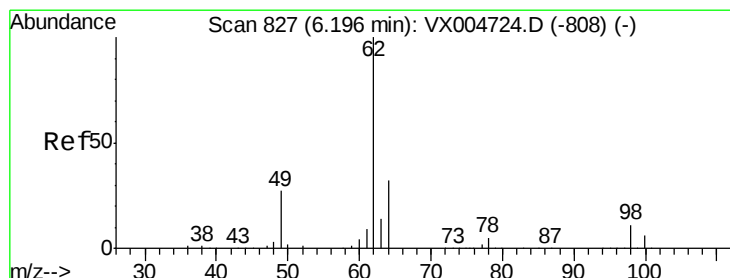
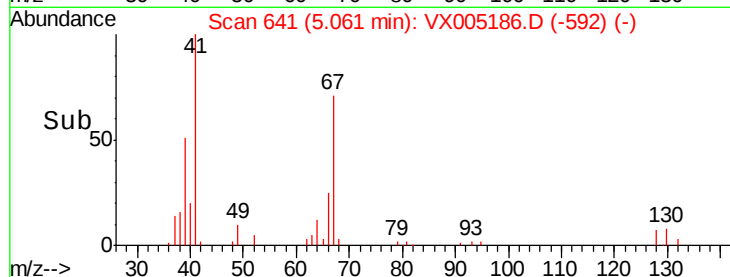
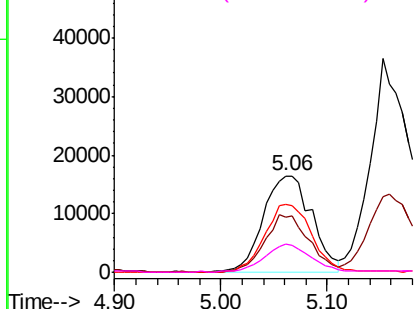
#41
Methacrylonitrile
Concen: 21.807 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion:	41	Resp:	51370
Ion	Ratio	Lower	Upper
41	100		
39	55.1	42.5	63.7
67	68.9	53.0	79.6
52	28.8	19.8	29.8

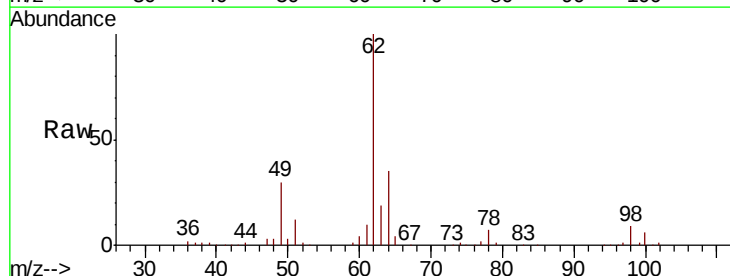


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

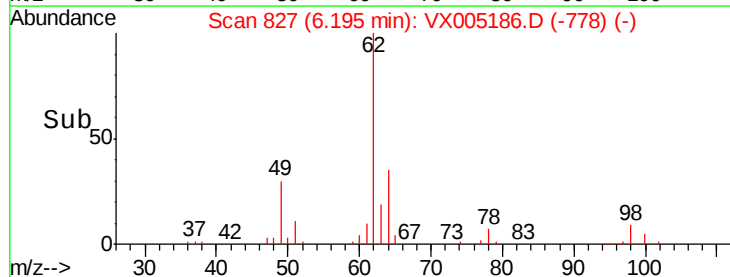
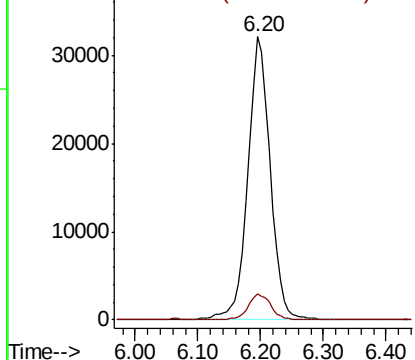


#42
1,2-Dichloroethane
Concen: 22.429 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Tgt Ion:	62	Resp:	79435
Ion	Ratio	Lower	Upper
62	100		
98	9.2	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: 21.547 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

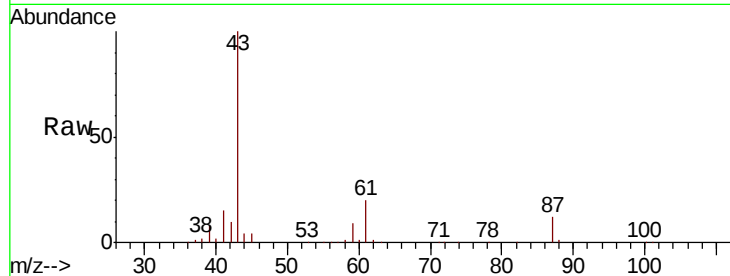
Tot Ion: 43 Resp: 132106

Ion Ratio Lower Upper

43 100

61 19.6 14.2 21.4

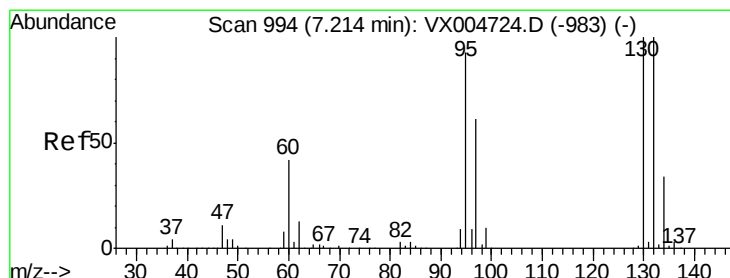
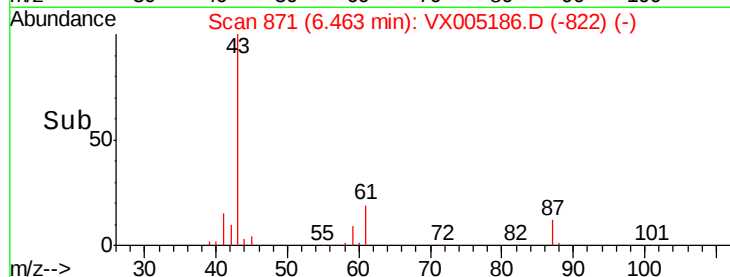
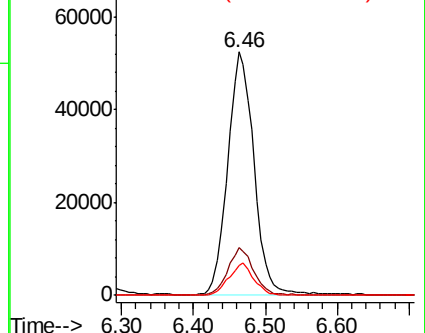
87 12.7 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VX004724.D (-859) (-)

Ion 61.00 (60.70 to 61.70): VX004724.D (-859) (-)

Ion 87.00 (86.70 to 87.70): VX004724.D (-859) (-)



#44

Trichloroethene

Concen: 24.839 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005186.D

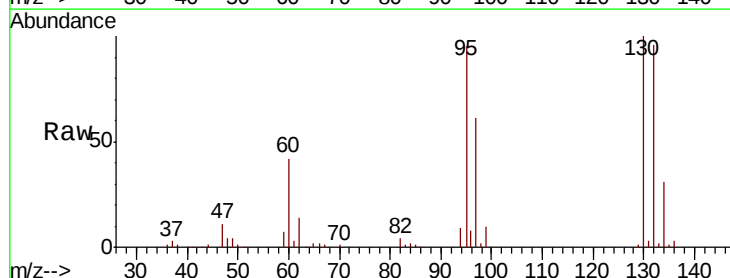
Acq: 10 Oct 2018 04:18

Tgt Ion:130 Resp: 61173

Ion Ratio Lower Upper

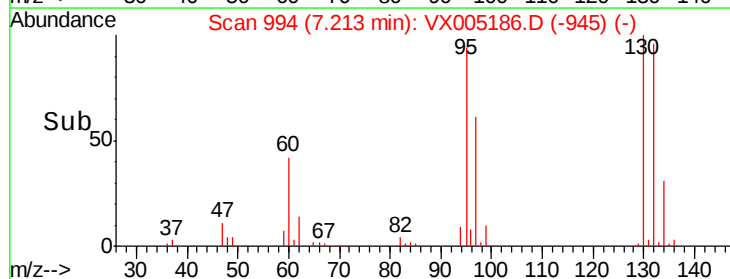
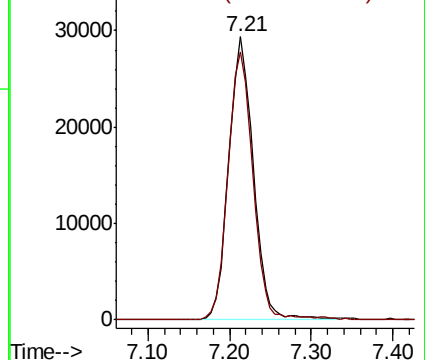
130 100

95 94.9 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): VX004724.D (-983) (-)

Ion 94.90 (94.60 to 95.60): VX004724.D (-983) (-)





#45

1,2-Dichloropropane

Concen: 23.418 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

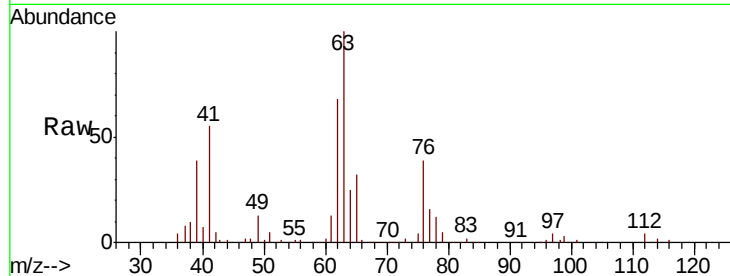
VX1009WBSD02

Tot Ion: 63 Resp: 57534

Ion Ratio Lower Upper

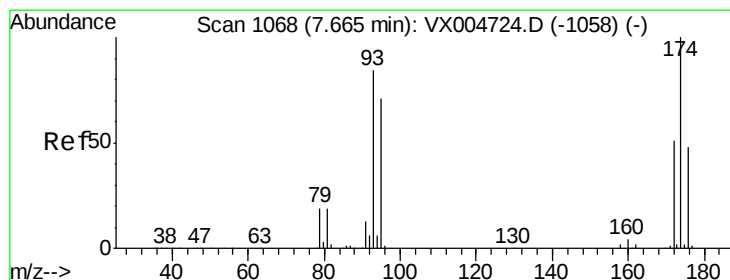
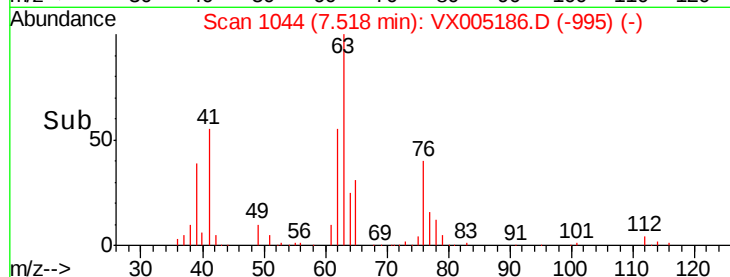
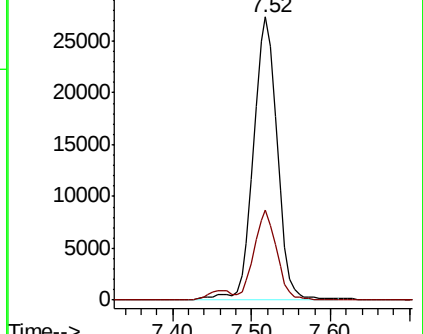
63 100

65 31.9 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 23.894 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

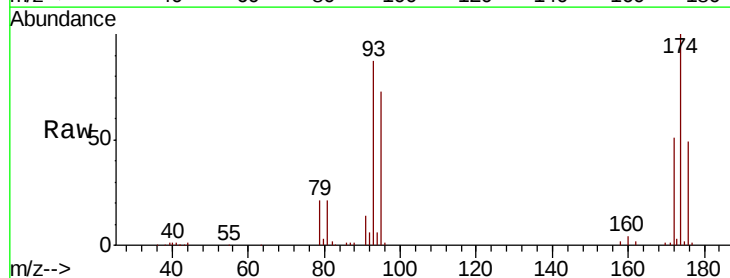
Tgt Ion: 93 Resp: 36893

Ion Ratio Lower Upper

93 100

95 85.0 66.7 100.1

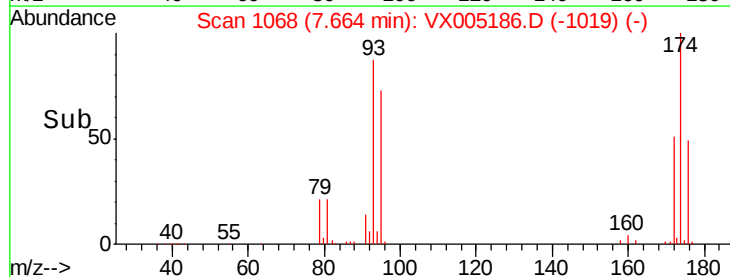
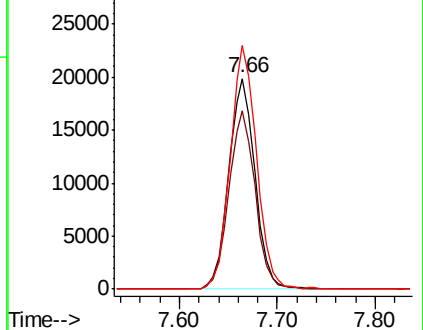
174 116.1 92.7 139.1

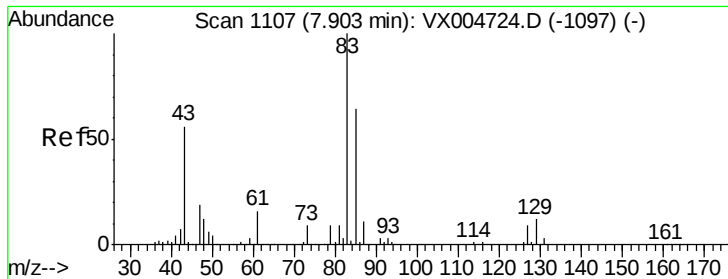


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 24.239 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

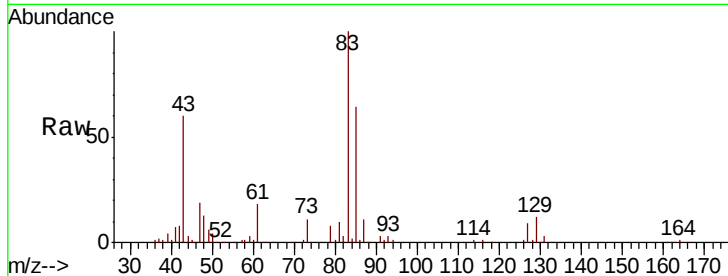
Tot Ion: 83 Resp: 70070

Ion Ratio Lower Upper

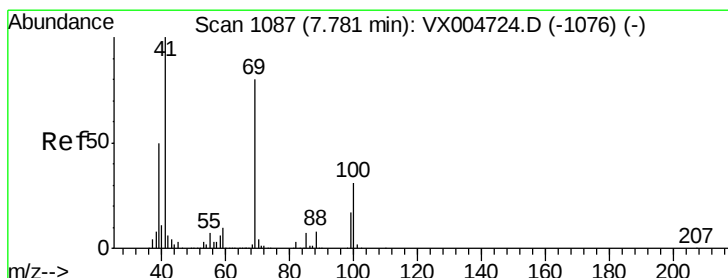
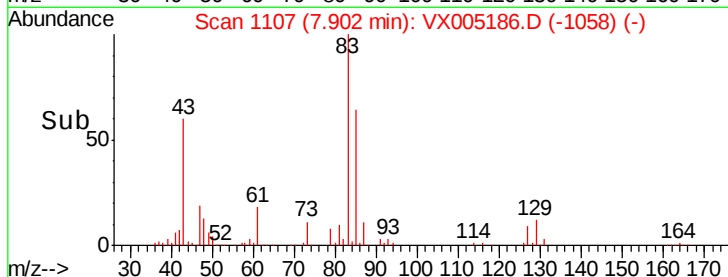
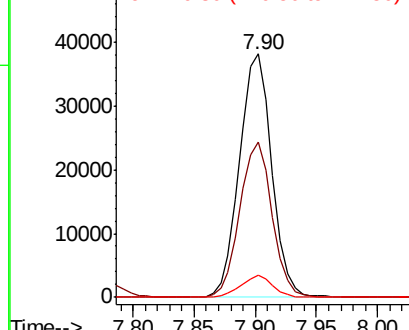
83 100

85 63.6 51.2 76.8

127 9.3 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 24.773 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

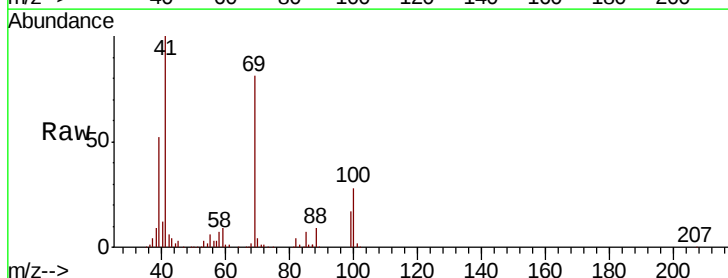
Tgt Ion: 41 Resp: 68937

Ion Ratio Lower Upper

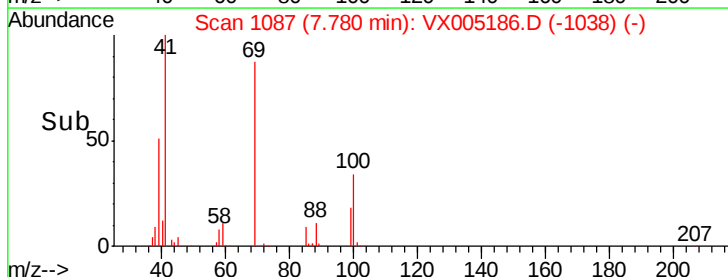
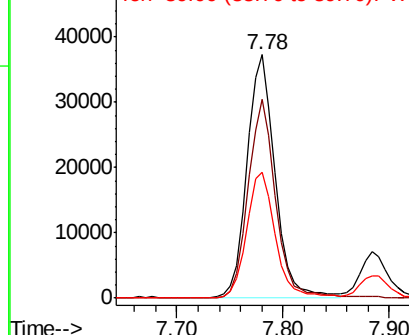
41 100

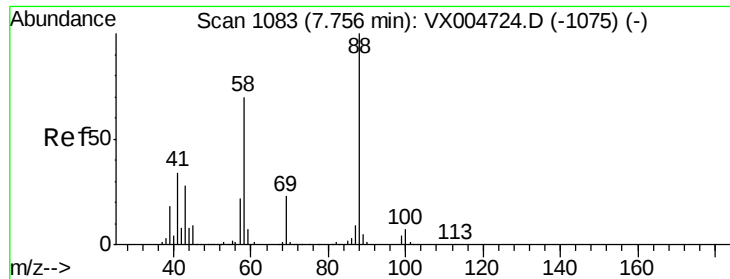
69 80.9 63.8 95.6

39 52.6 40.7 61.1



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

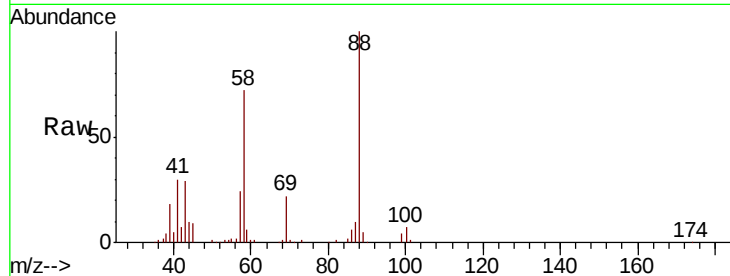




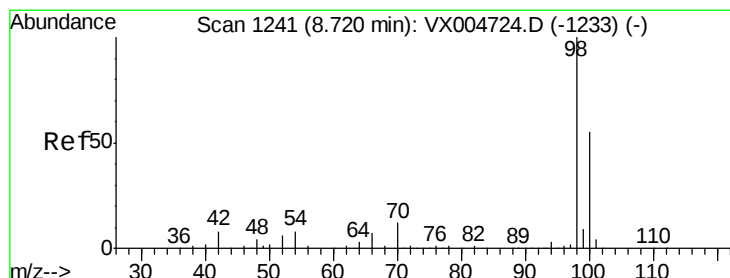
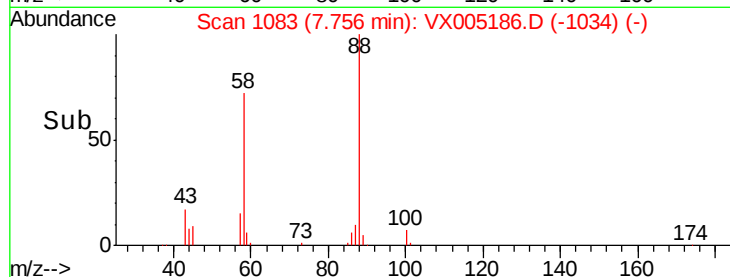
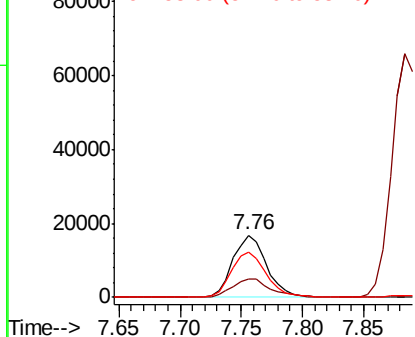
#49
1,4-Dioxane
Concen: 466.252 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion: 88 Resp: 32234
Ion Ratio Lower Upper
88 100
43 33.2 25.1 37.7
58 76.1 56.2 84.2

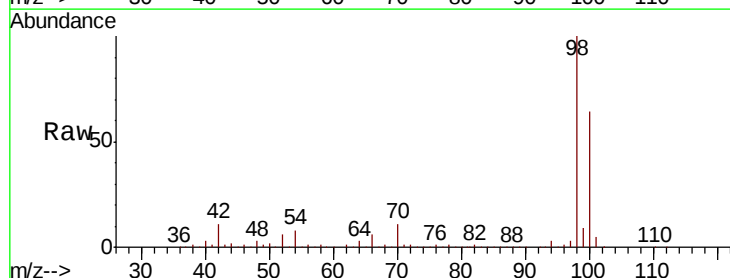


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

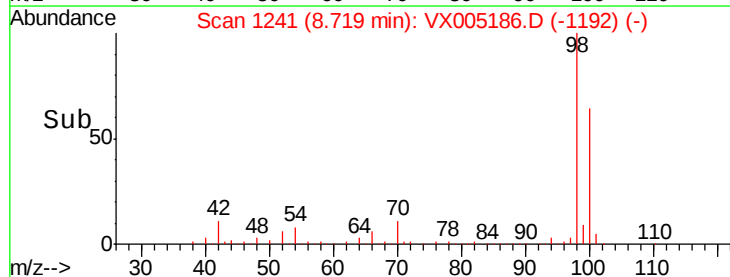
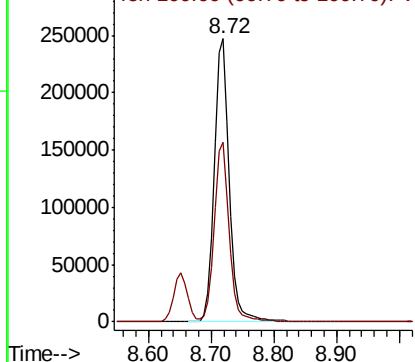


#50
Toluene-d8
Concen: 52.120 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Tgt Ion: 98 Resp: 406399
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

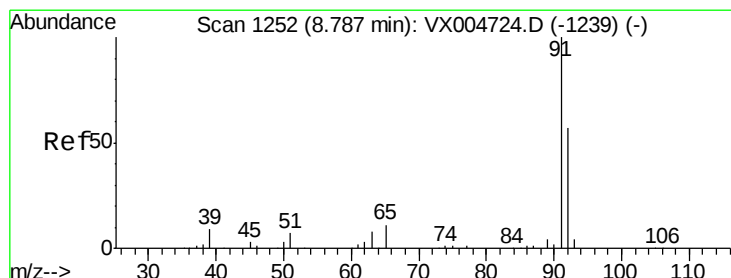
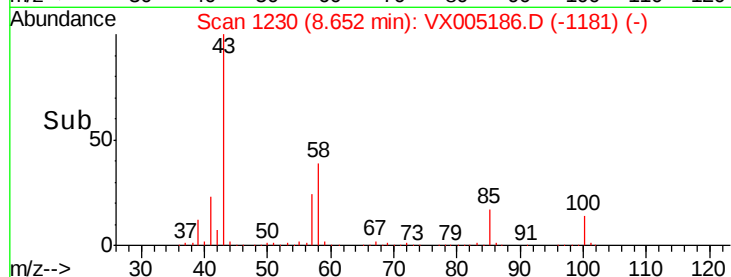
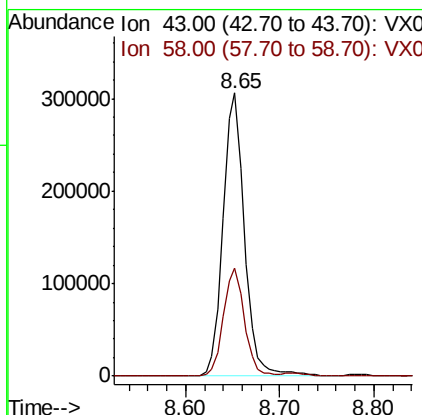
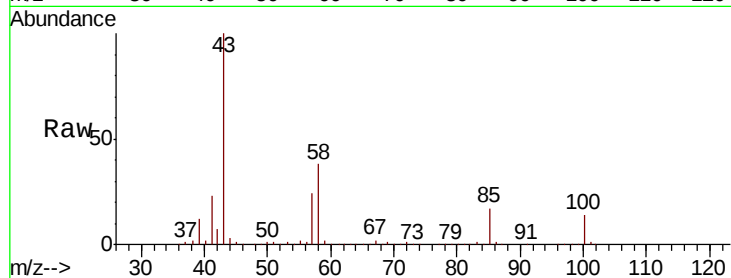




#51
4-Methyl-2-Pentanone
Concen: 125.400 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

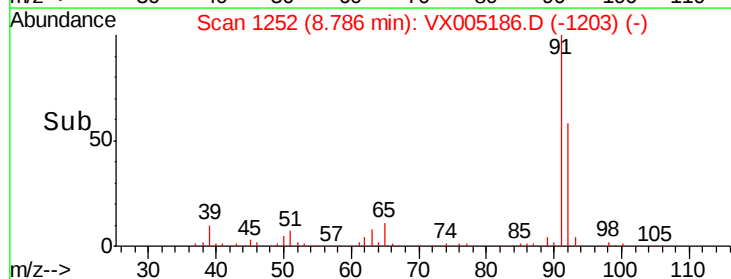
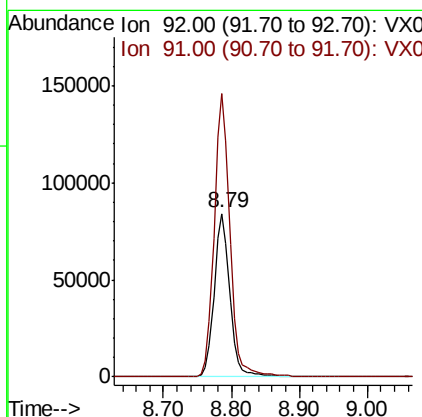
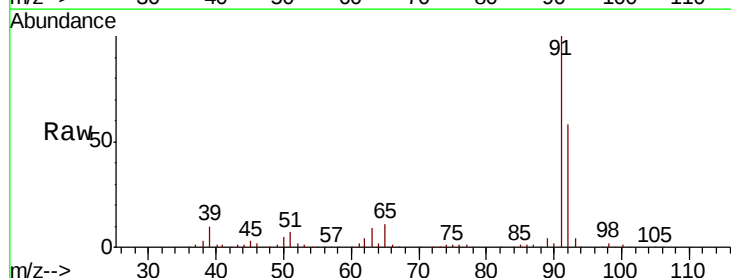
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion: 43 Resp: 484087
Ion Ratio Lower Upper
43 100
58 37.3 30.5 45.7



#52
Toluene
Concen: 24.547 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Tgt Ion: 92 Resp: 135131
Ion Ratio Lower Upper
92 100
91 173.8 136.7 205.1

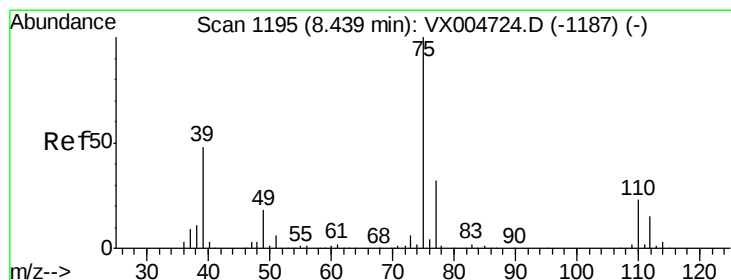
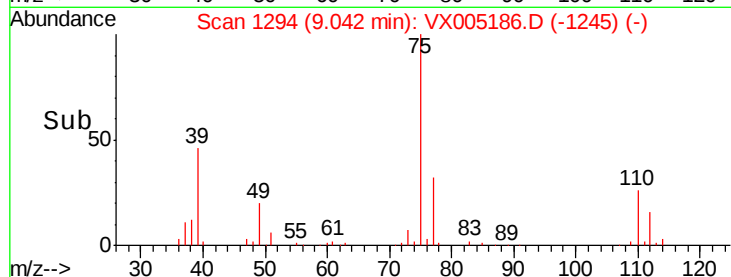
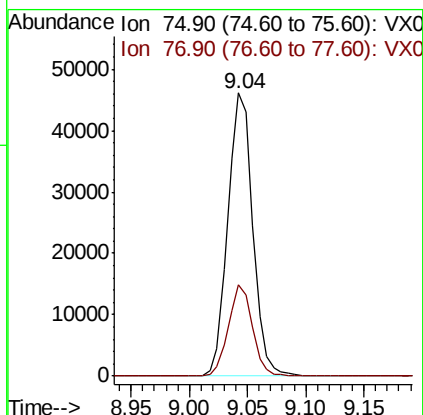
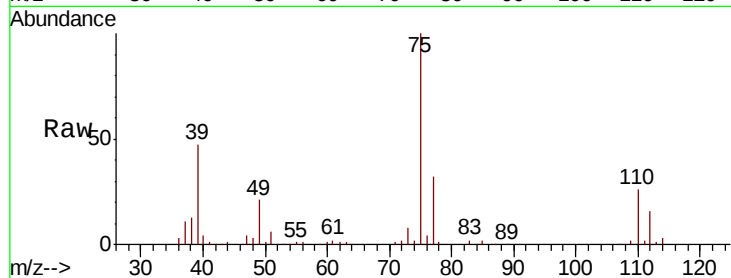




#53
t-1,3-Dichloropropene
Concen: 21.099 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

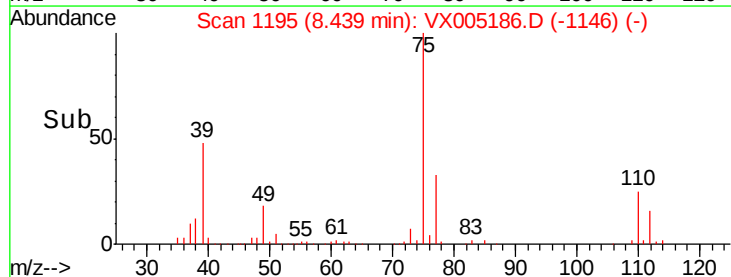
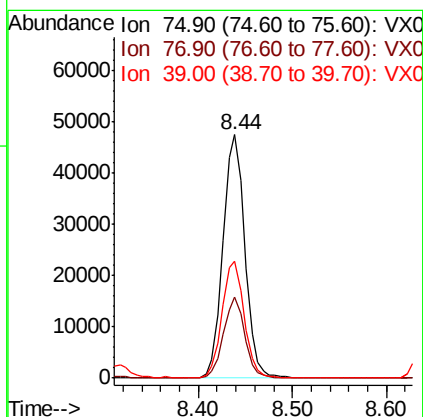
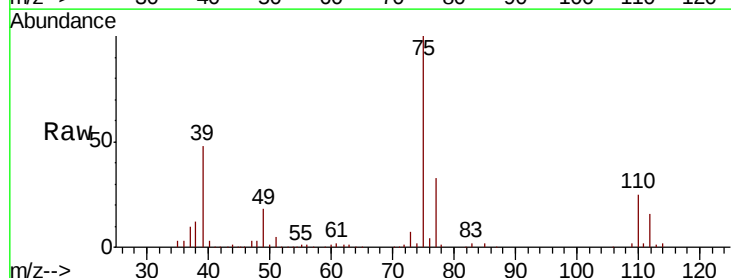
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion: 75 Resp: 68925
Ion Ratio Lower Upper
75 100
77 32.4 28.9 43.3



#54
cis-1,3-Dichloropropene
Concen: 22.431 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Tgt Ion: 75 Resp: 76751
Ion Ratio Lower Upper
75 100
77 33.2 25.7 38.5
39 47.6 38.3 57.5

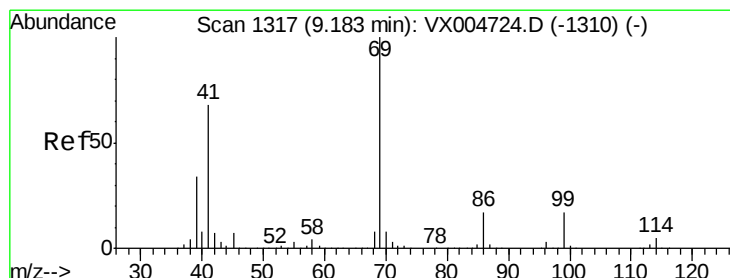
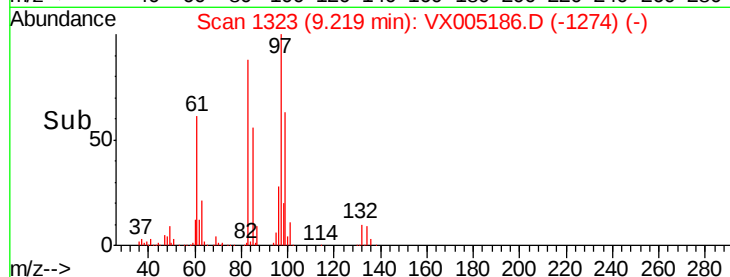
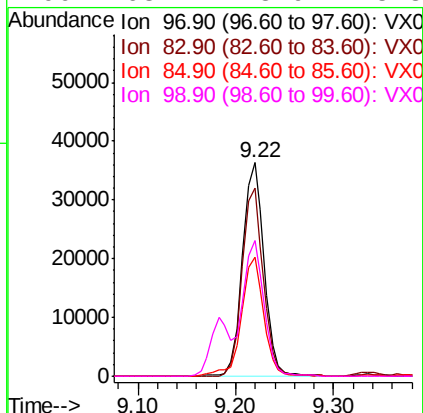
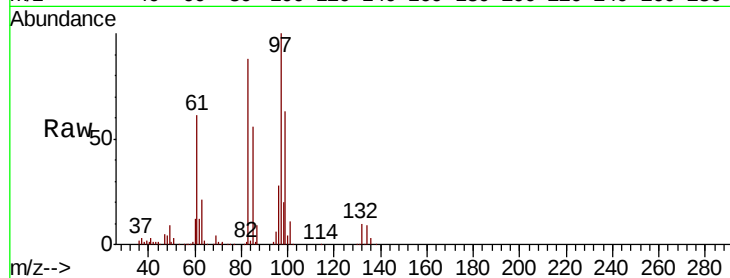




#55
 1,1,2-Trichloroethane
 Concen: 23.125 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX005186.D
 Acq: 10 Oct 2018 04:18

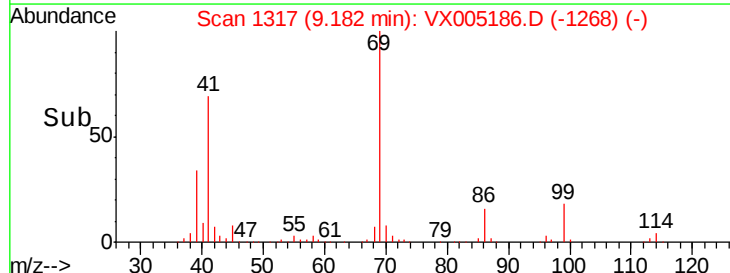
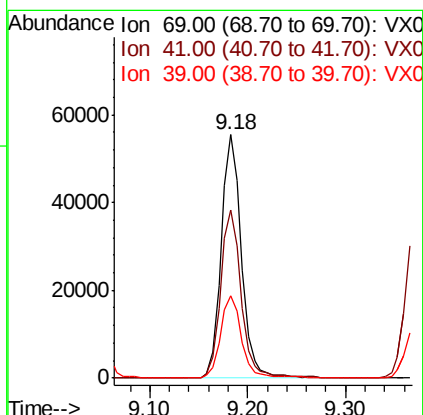
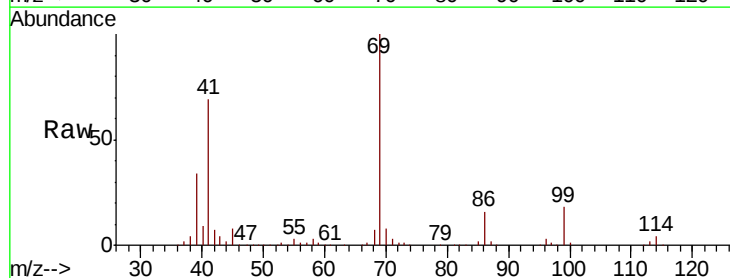
Instrument :
 MSVOA_X
 ClientSampleID :
 VX1009WBSD02

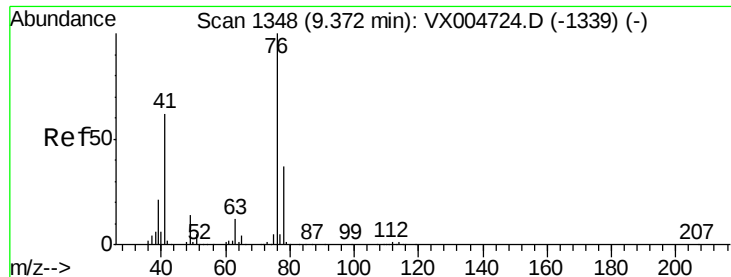
Tot Ion:	97	Resp:	55763
Ion	Ratio	Lower	Upper
97	100		
83	87.9	68.2	102.2
85	55.9	49.9	74.9
99	63.4	48.9	73.3



#56
 Ethyl methacrylate
 Concen: 22.140 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005186.D
 Acq: 10 Oct 2018 04:18

Tgt Ion:	69	Resp:	80015
Ion	Ratio	Lower	Upper
69	100		
41	69.1	56.9	85.3
39	34.8	28.4	42.6





#57

1,3-Dichloropropane

Concen: 23.009 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

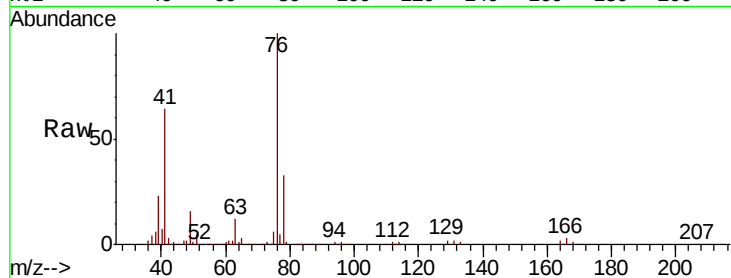
VX1009WBSD02

Tot Ion: 76 Resp: 92342

Ion Ratio Lower Upper

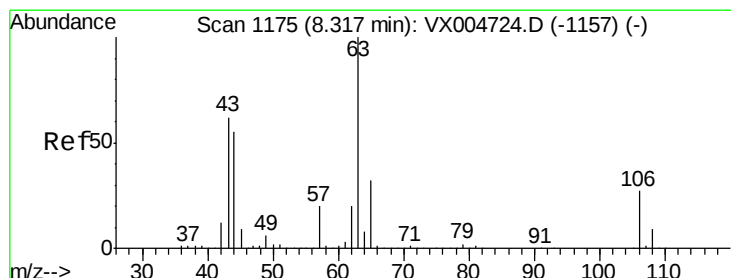
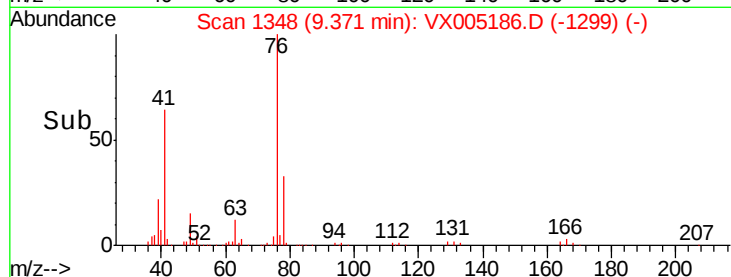
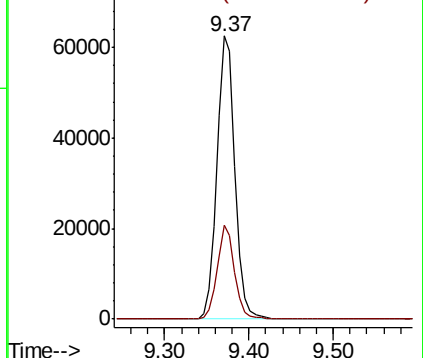
76 100

78 31.8 26.6 40.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 104.434 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VX005186.D

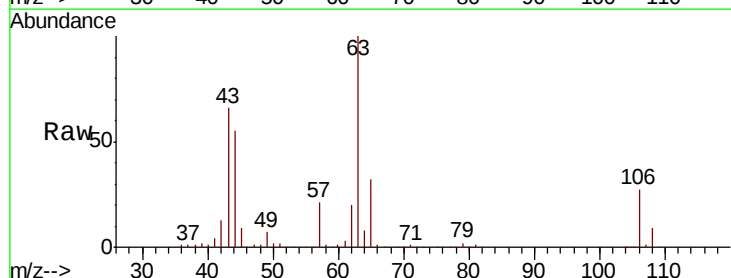
Acq: 10 Oct 2018 04:18

Tgt Ion: 63 Resp: 198712

Ion Ratio Lower Upper

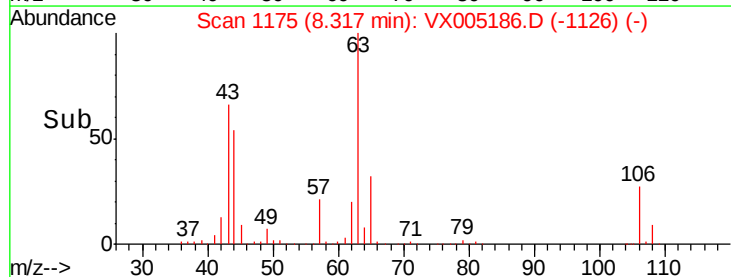
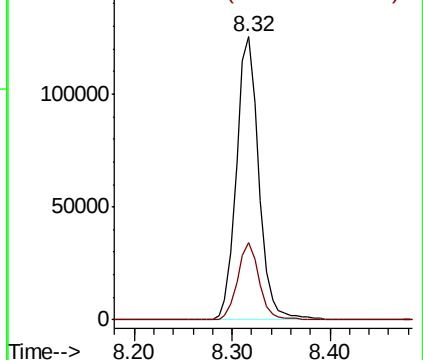
63 100

106 26.6 21.0 31.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

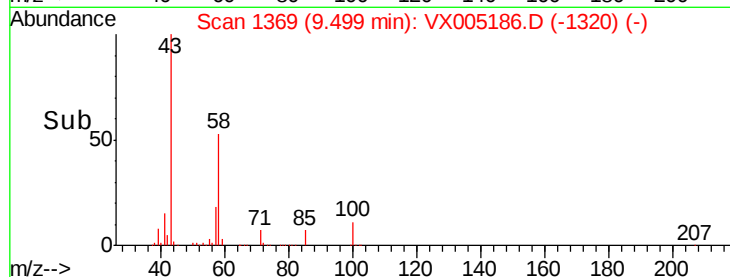
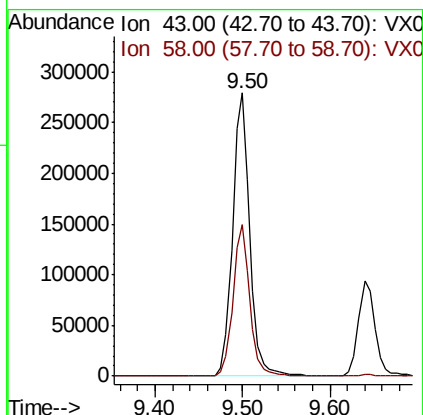
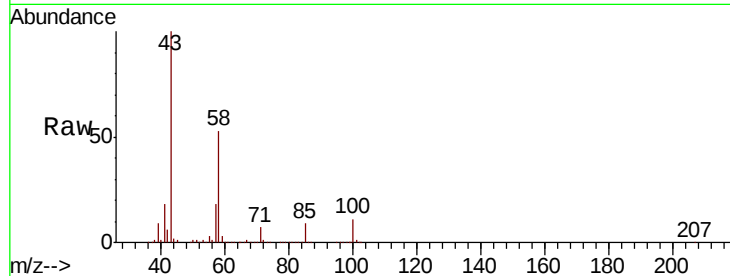




#59
2-Hexanone
Concen: 118.787 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

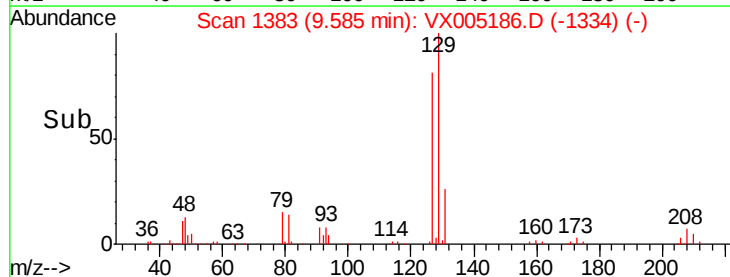
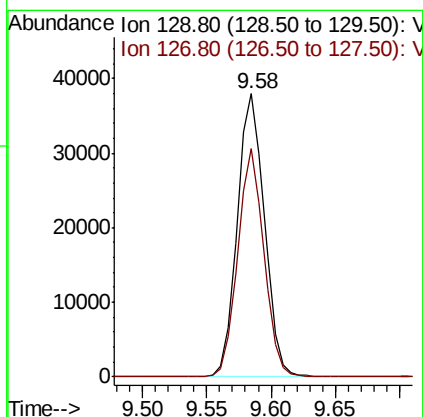
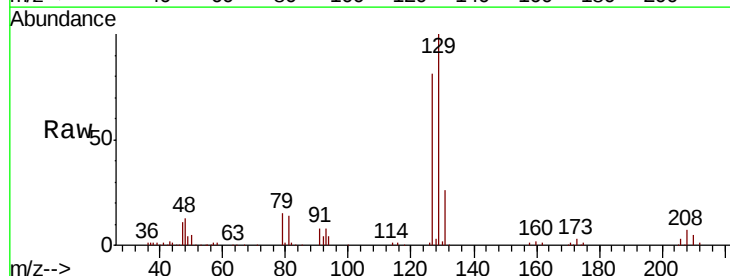
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

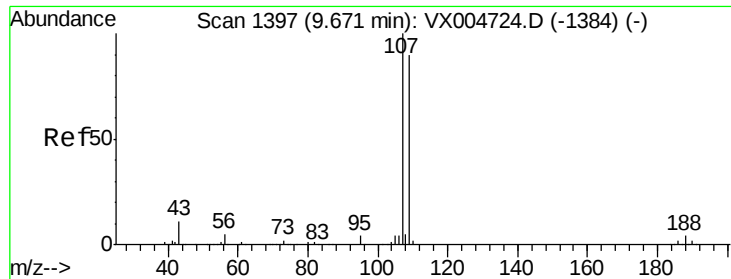
Tot Ion: 43 Resp: 382124
Ion Ratio Lower Upper
43 100
58 52.6 28.4 85.3



#60
Dibromochloromethane
Concen: 23.064 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Tgt Ion: 129 Resp: 55618
Ion Ratio Lower Upper
129 100
127 77.2 39.1 117.2





#61

1,2-Dibromoethane

Concen: 21.871 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

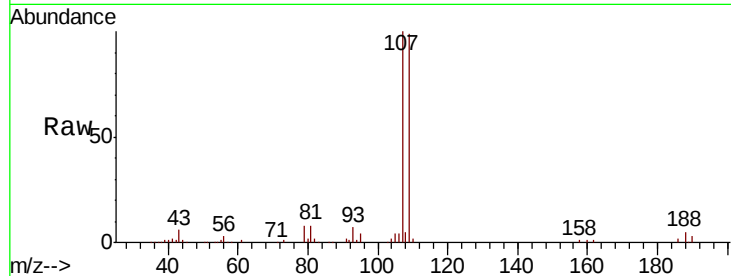
VX1009WBSD02

Tot Ion:107 Resp: 56481

Ion Ratio Lower Upper

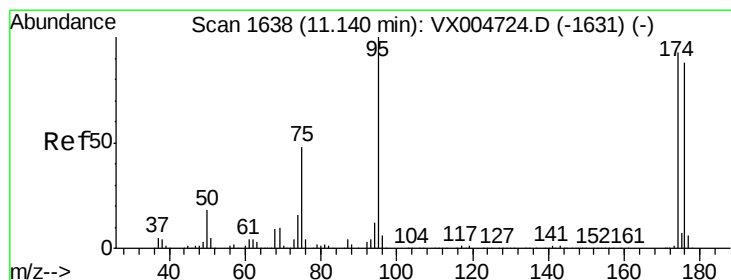
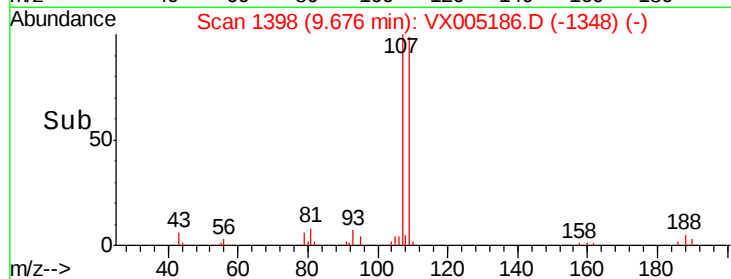
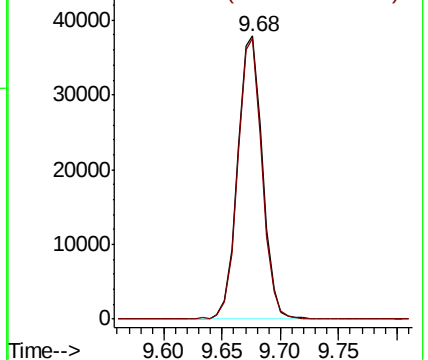
107 100

109 97.0 72.1 108.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.551 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

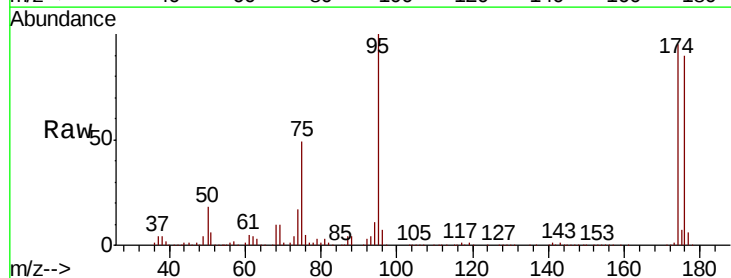
Tgt Ion: 95 Resp: 150427

Ion Ratio Lower Upper

95 100

174 93.3 0.0 185.0

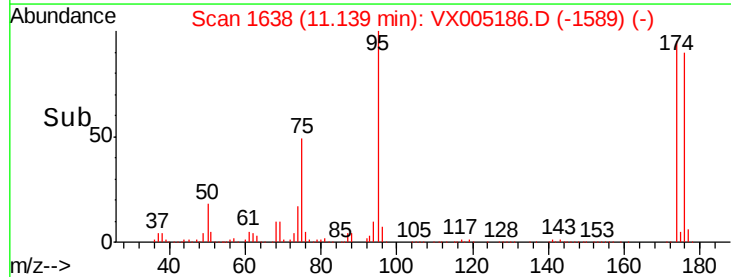
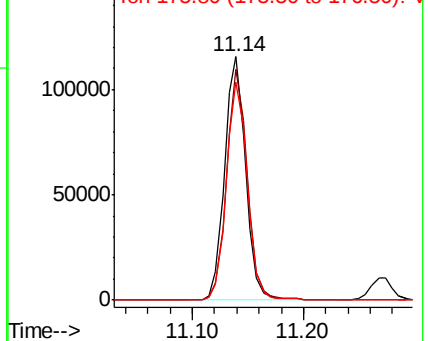
176 89.7 0.0 180.2



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

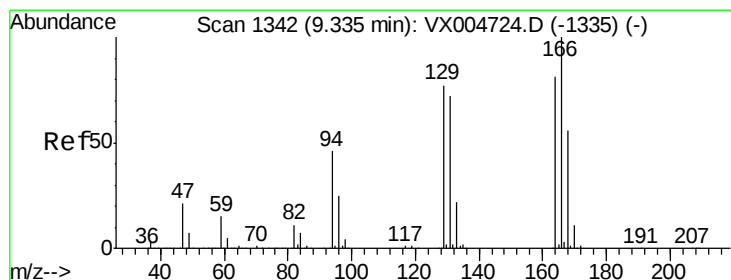
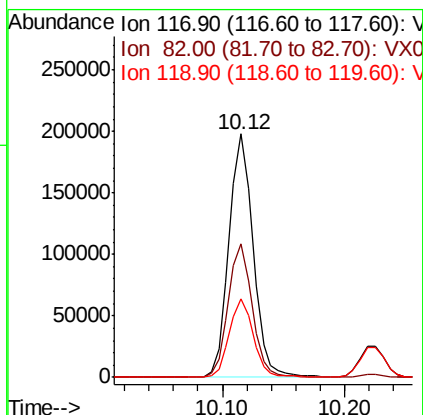
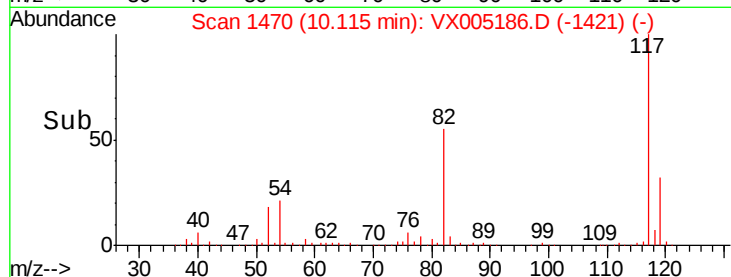
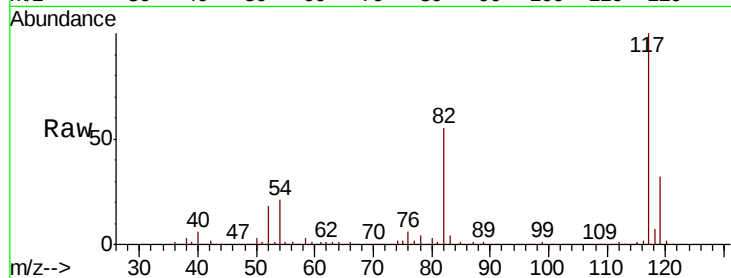




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

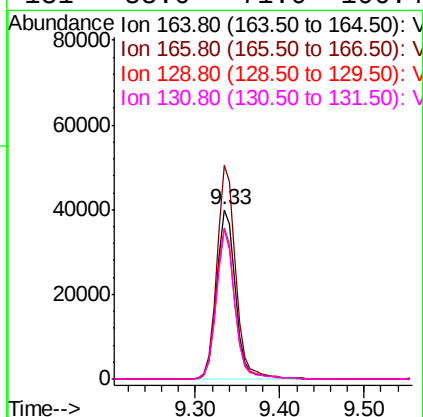
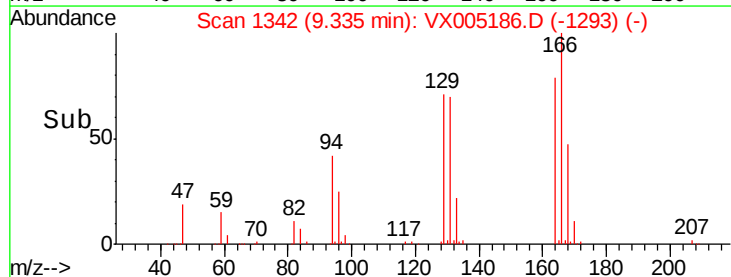
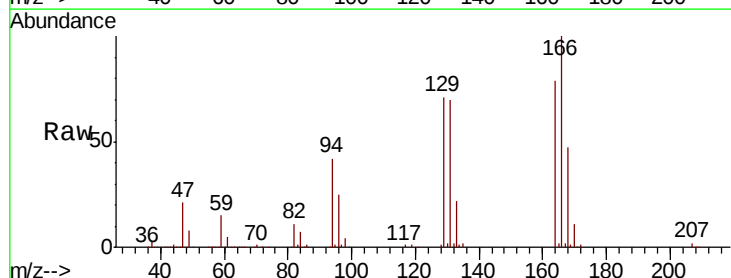
Instrument :
MSVOA_X
ClientSampled :
VX1009WBSD02

Tot Ion:117 Resp: 271413
Ion Ratio Lower Upper
117 100
82 55.0 42.2 63.4
119 32.3 27.4 41.0



#64
Tetrachloroethene
Concen: 23.310 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Tgt Ion:164 Resp: 62269
Ion Ratio Lower Upper
164 100
166 126.0 98.4 147.6
129 89.5 76.1 114.1
131 88.0 71.0 106.4

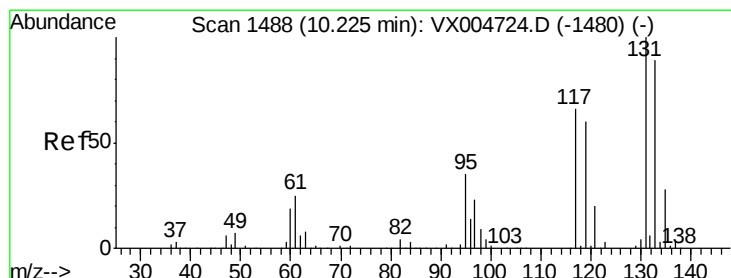
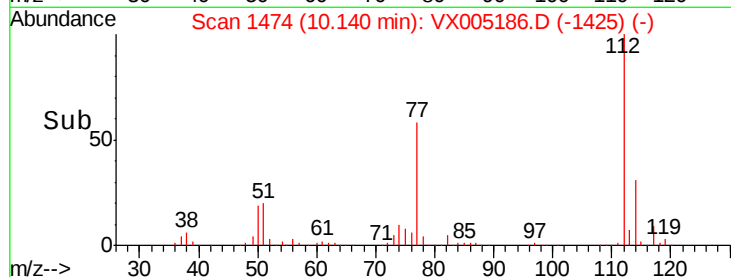
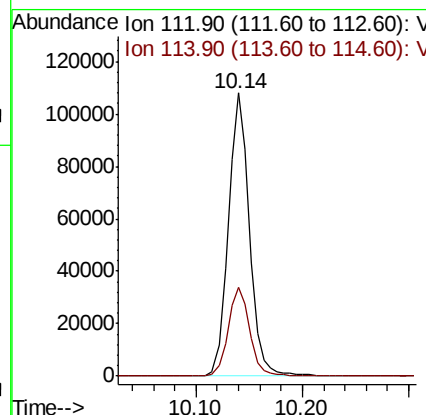
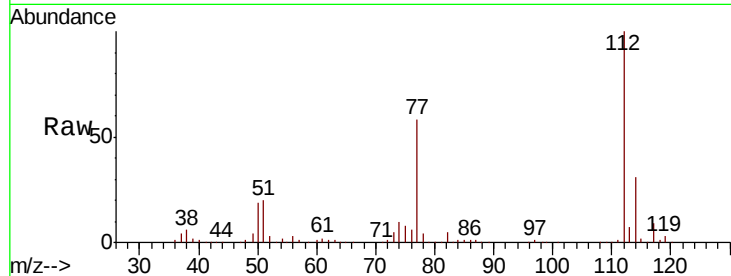




#65
Chlorobenzene
Concen: 21.443 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

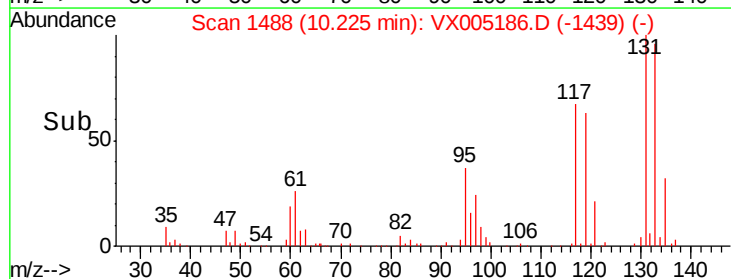
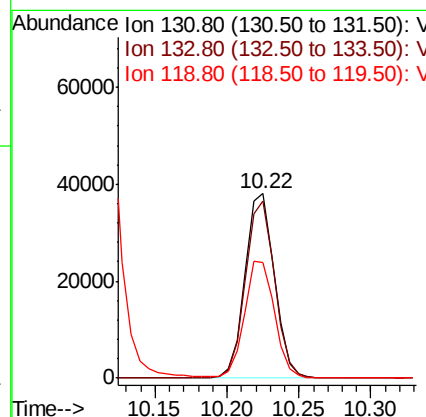
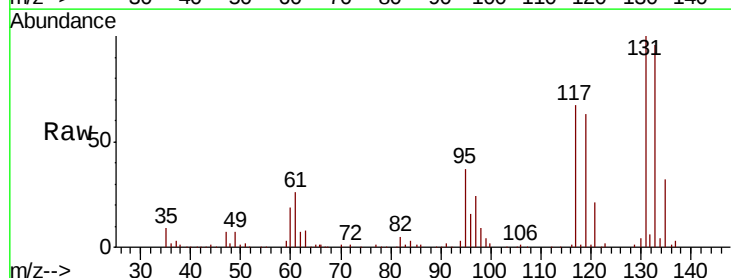
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

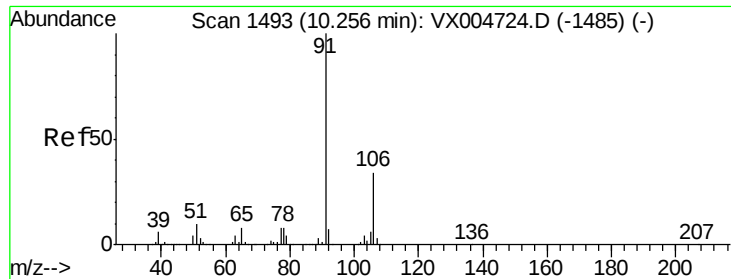
Tot Ion:112 Resp: 149236
Ion Ratio Lower Upper
112 100
114 31.2 26.7 40.1



#66
1,1,1,2-Tetrachloroethane
Concen: 21.911 ug/l
RT: 10.22 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Tgt Ion:131 Resp: 53611
Ion Ratio Lower Upper
131 100
133 95.7 48.4 145.0
119 65.5 32.3 96.8

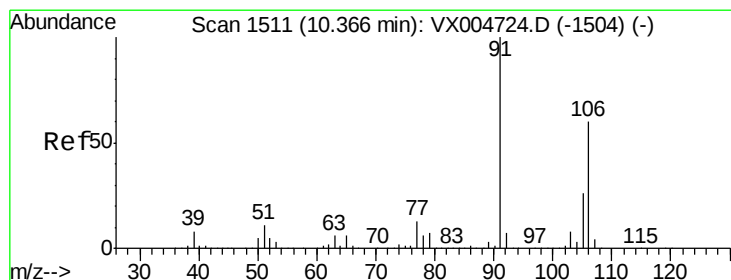
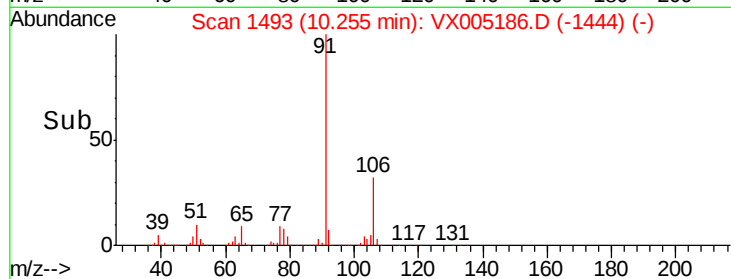
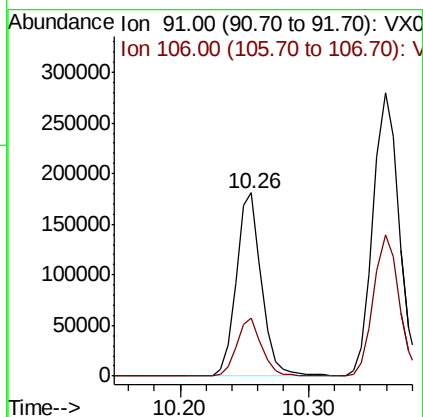
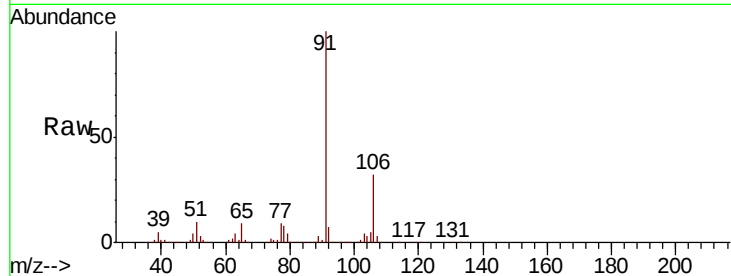




#67
Ethyl Benzene
Concen: 22.284 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

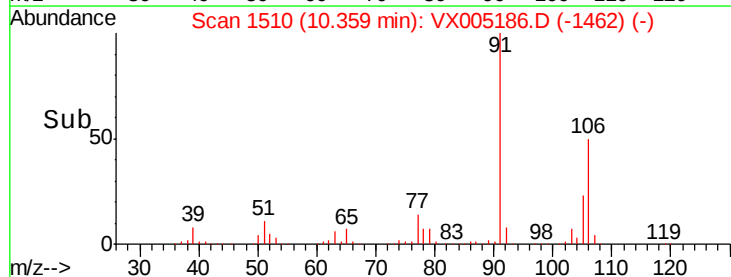
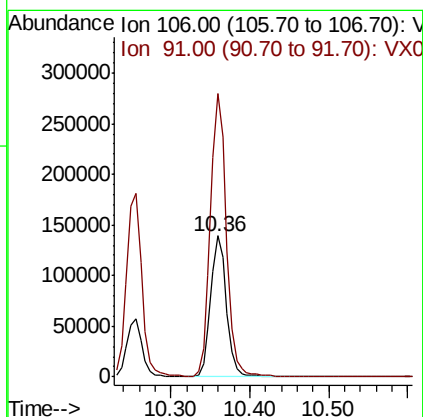
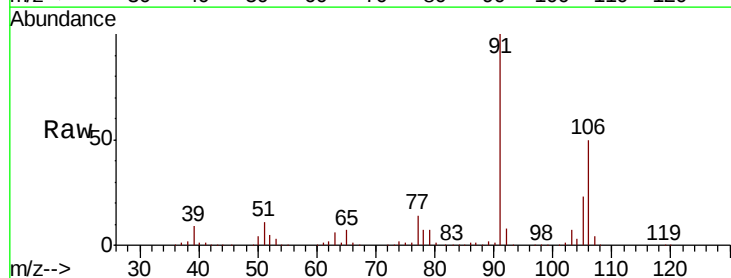
Instrument :
MSVOA_X
ClientSampled :
VX1009WBSD02

Tot Ion: 91 Resp: 246224
Ion Ratio Lower Upper
91 100
106 31.6 26.9 40.3



#68
m/p-Xylenes
Concen: 45.139 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Tgt Ion: 106 Resp: 194903
Ion Ratio Lower Upper
106 100
91 203.2 157.5 236.3

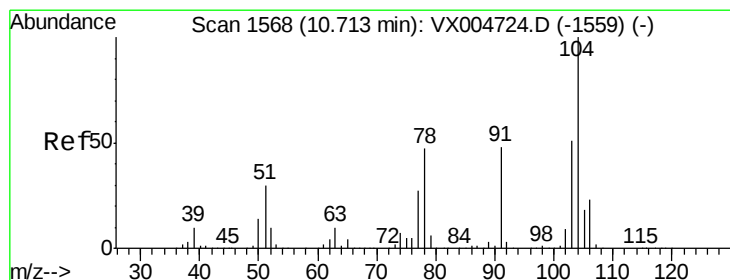
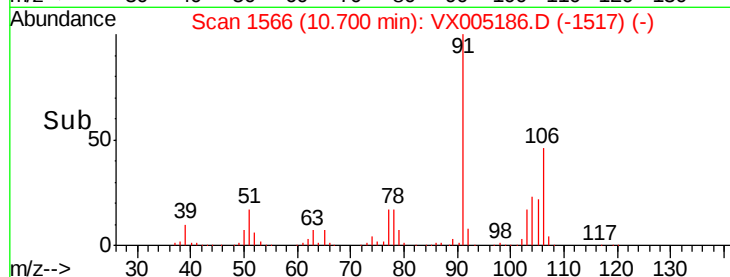
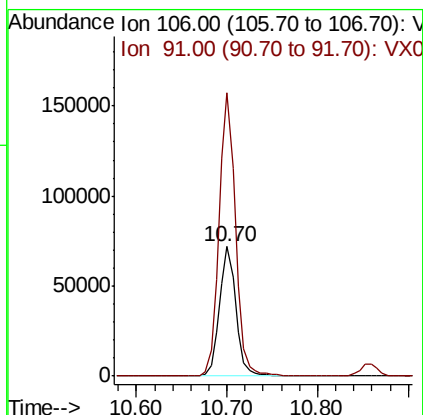
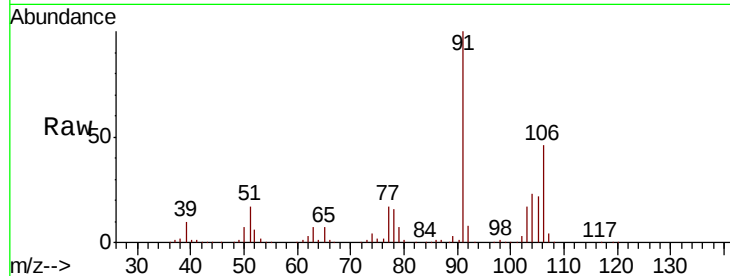




#69
o-Xylene
Concen: 23.010 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

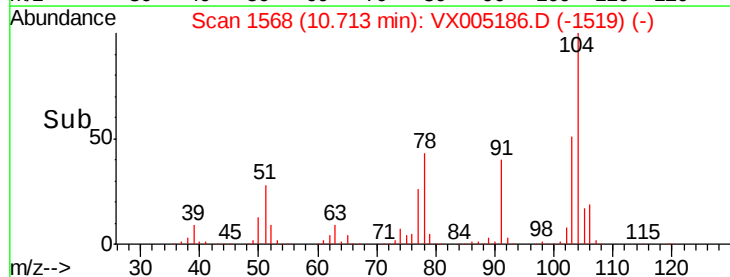
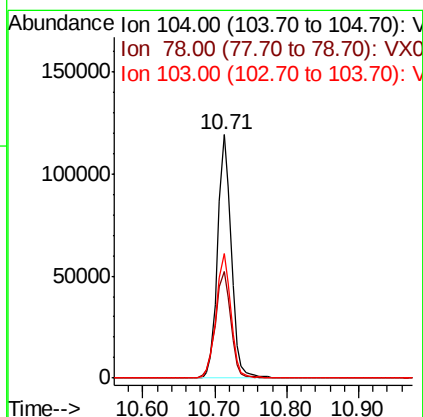
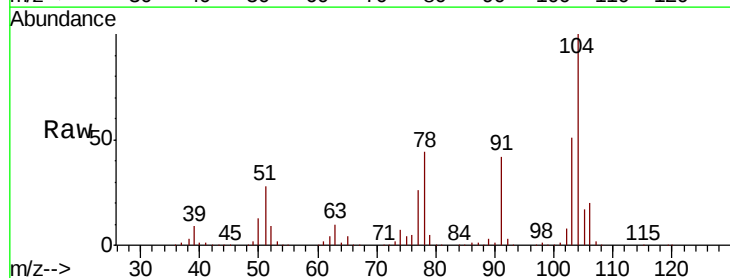
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion:106 Resp: 91255
Ion Ratio Lower Upper
106 100
91 219.2 108.3 324.8



#70
Styrene
Concen: 22.306 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Tgt Ion:104 Resp: 156270
Ion Ratio Lower Upper
104 100
78 49.3 40.0 60.0
103 55.7 44.3 66.5





#71

Bromoform

Concen: 21.646 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

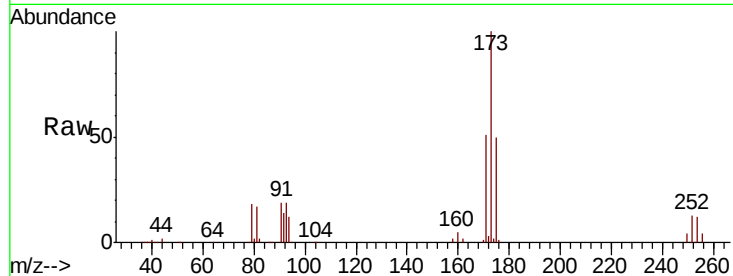
Tot Ion:173 Resp: 45343

Ion Ratio Lower Upper

173 100

175 48.7 23.3 69.8

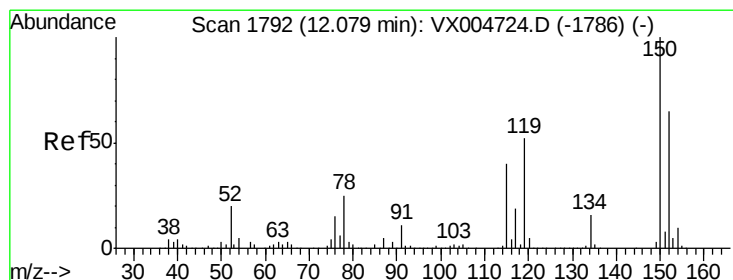
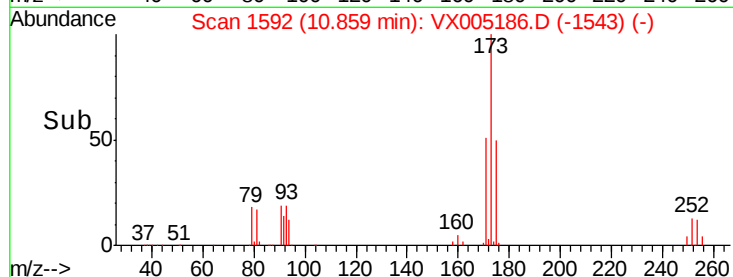
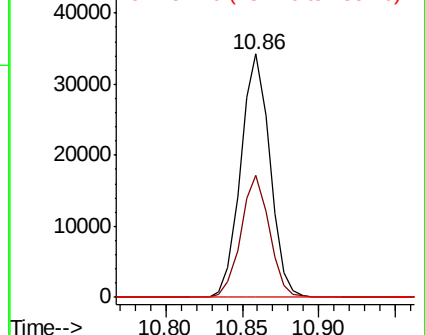
254 0.1 0.2 0.2#



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: VX005186.D

Acq: 10 Oct 2018 04:18

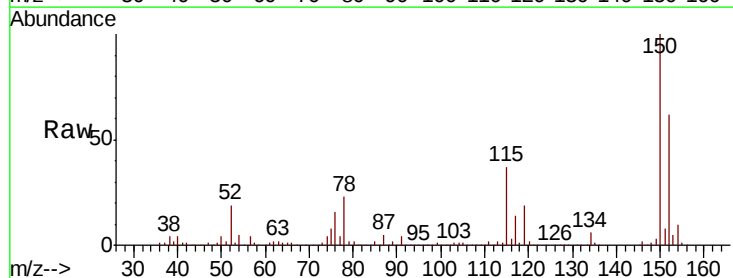
Tgt Ion:152 Resp: 168294

Ion Ratio Lower Upper

152 100

115 66.1 40.2 120.6

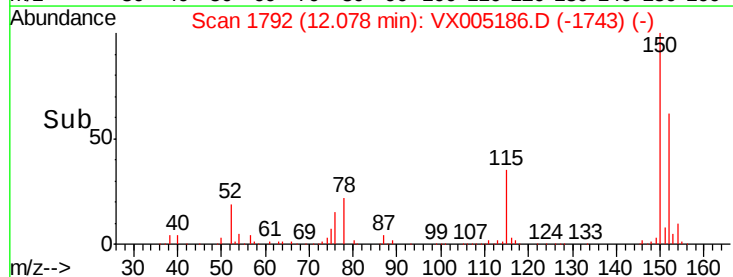
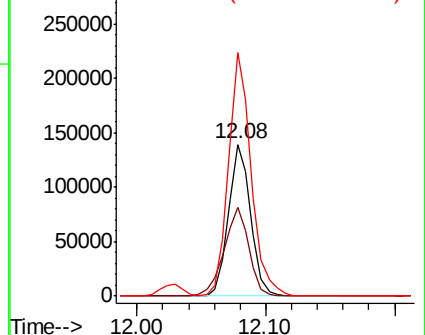
150 164.6 0.0 351.0



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: 23.854 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

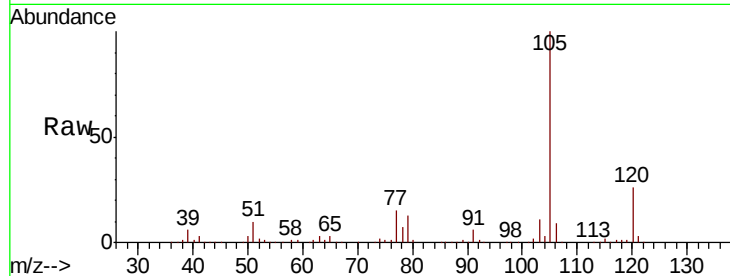
VX1009WBSD02

Tot Ion: 105 Resp: 253034

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

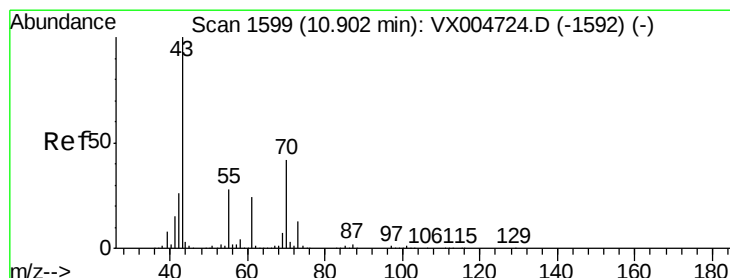
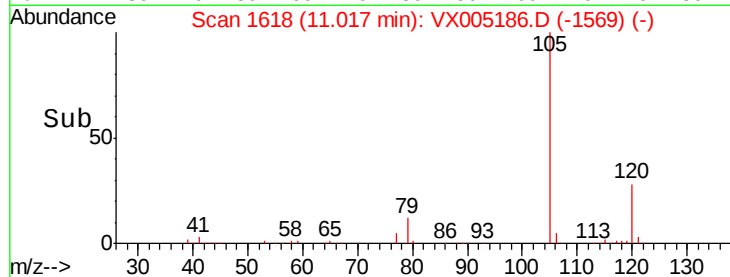
50000

0

11.02

11.00

Time-->



#74

N-ethyl acetate

Concen: 20.802 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Tgt Ion: 43 Resp: 115120

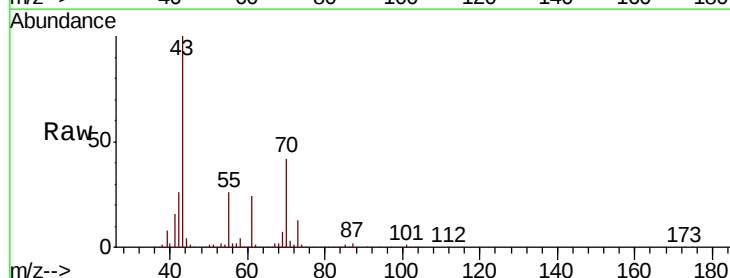
Ion Ratio Lower Upper

43 100

70 40.3 32.6 48.8

55 26.7 21.6 32.4

61 23.1 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

100000

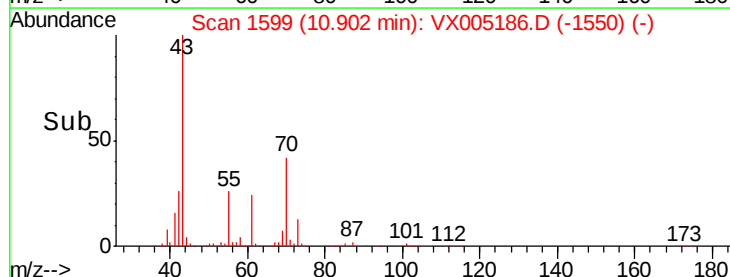
50000

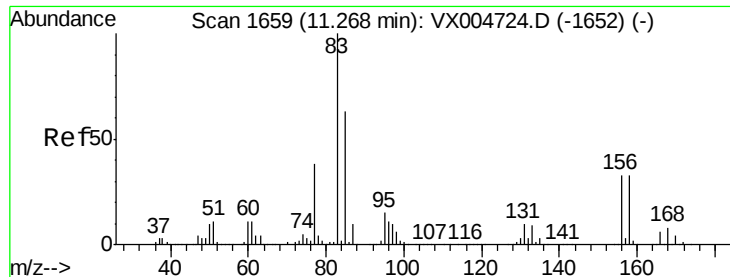
0

10.90

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.931 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

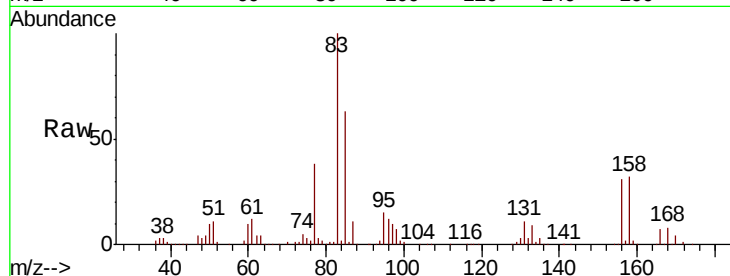
Tot Ion: 83 Resp: 90381

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.3

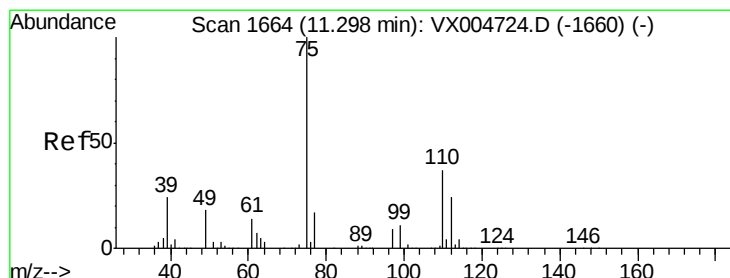
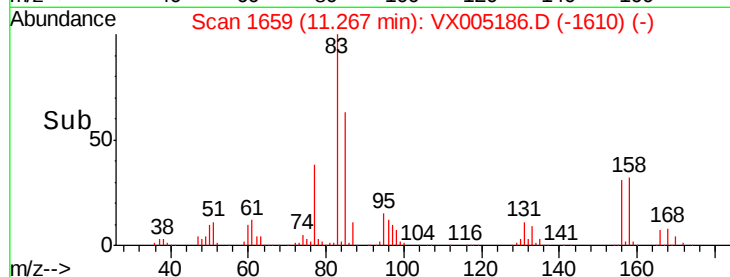
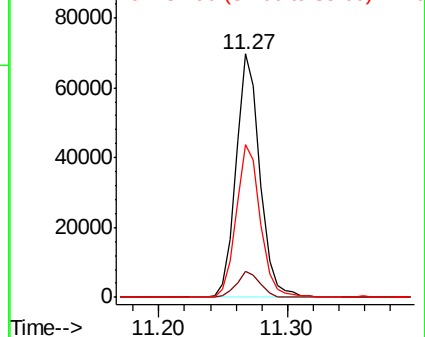
85 63.5 31.9 95.9



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: 26.038 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005186.D

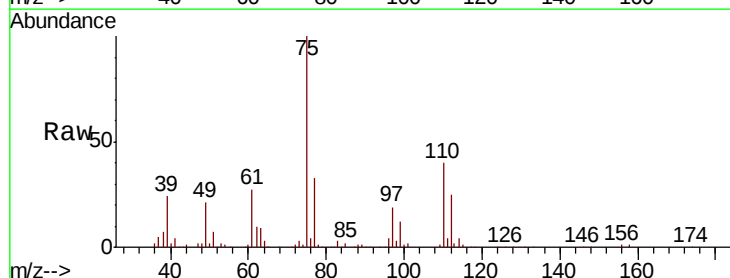
Acq: 10 Oct 2018 04:18

Tgt Ion: 75 Resp: 98218

Ion Ratio Lower Upper

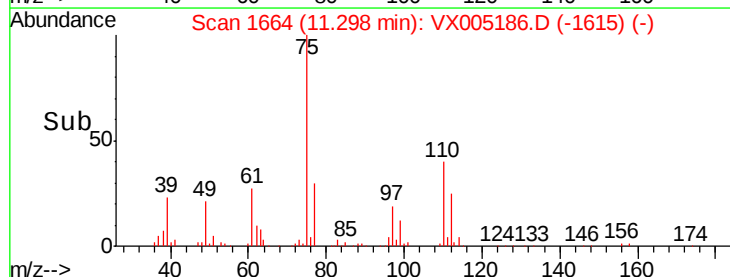
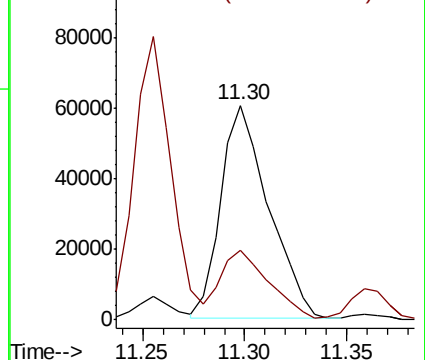
75 100

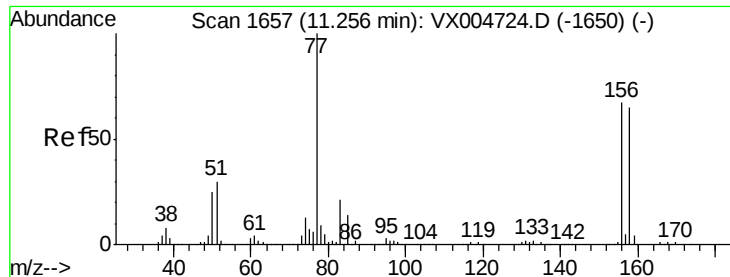
77 33.1 21.4 64.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 22.201 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

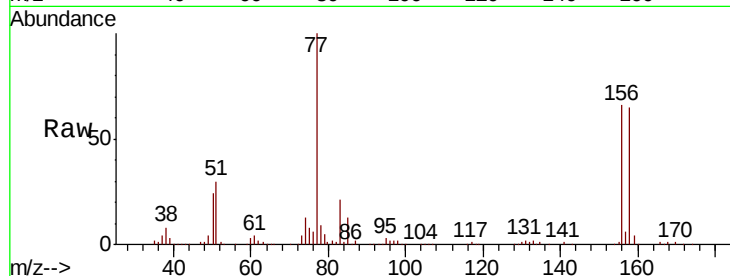
Tot Ion:156 Resp: 68405

Ion Ratio Lower Upper

156 100

77 147.7 73.4 220.2

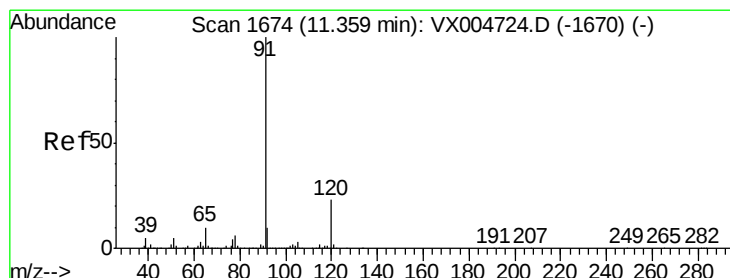
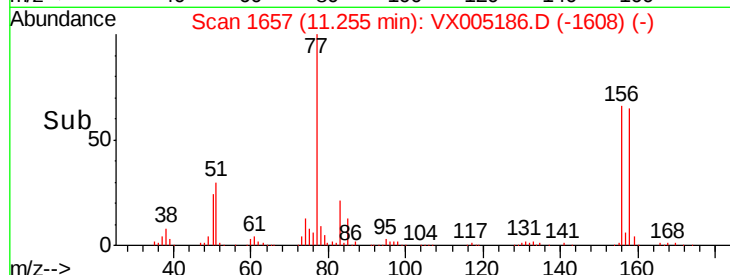
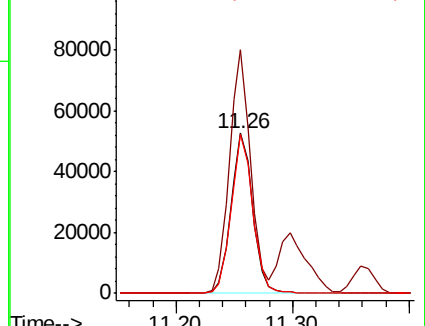
158 98.6 49.1 147.4



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: 23.787 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005186.D

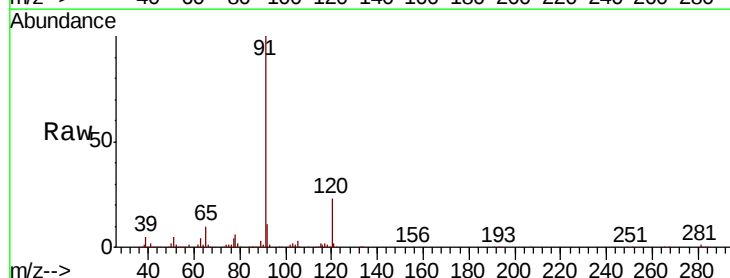
Acq: 10 Oct 2018 04:18

Tgt Ion: 91 Resp: 289512

Ion Ratio Lower Upper

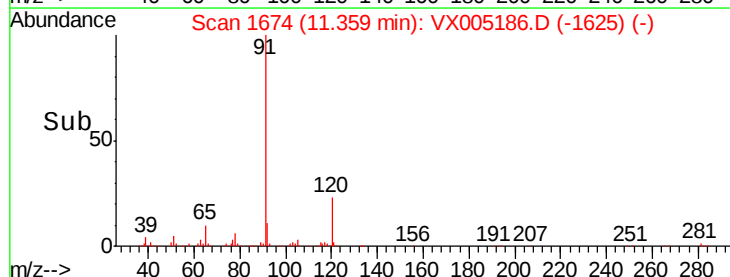
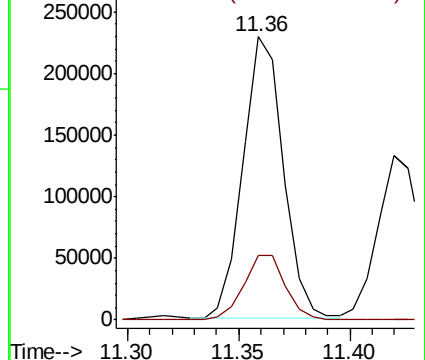
91 100

120 24.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 23.028 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

ClientSampled :

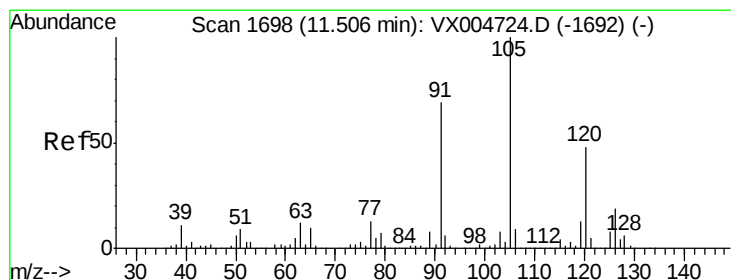
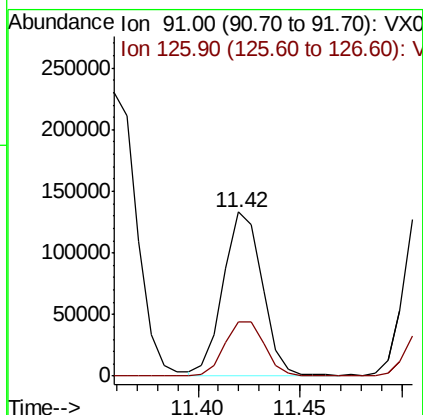
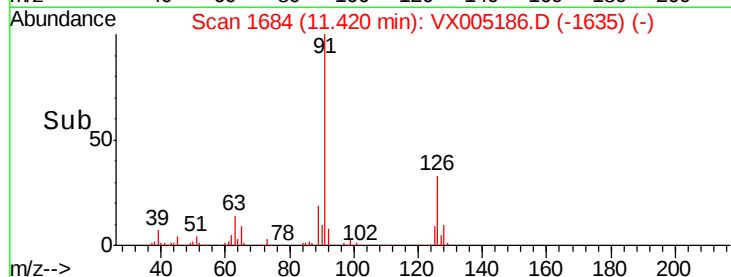
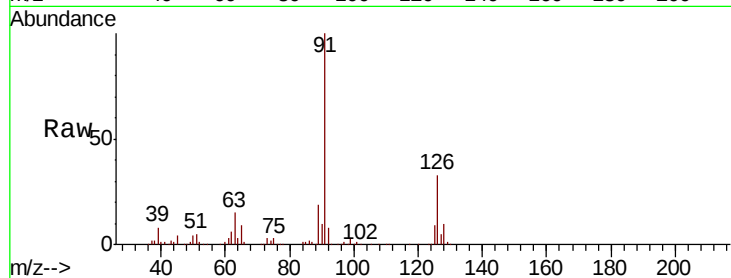
VX1009WBSD02

Tot Ion: 91 Resp: 174701

Ion Ratio Lower Upper

91 100

126 34.6 17.6 52.9



#80

1,3,5-Trimethylbenzene

Concen: 22.136 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005186.D

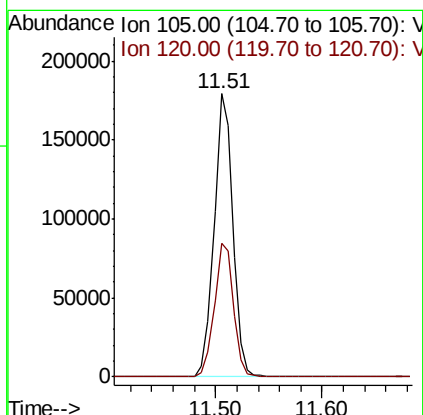
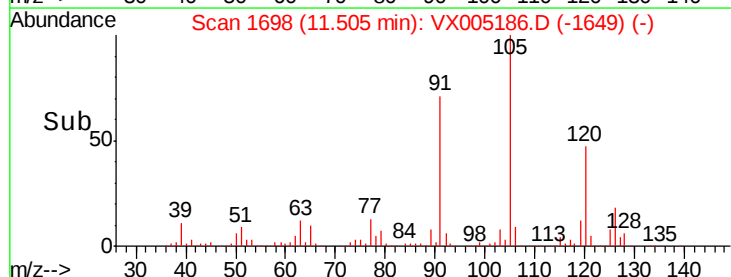
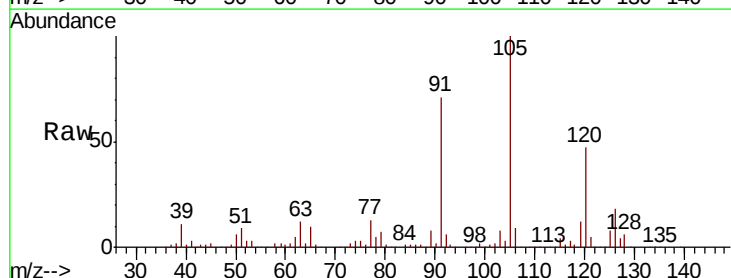
Acq: 10 Oct 2018 04:18

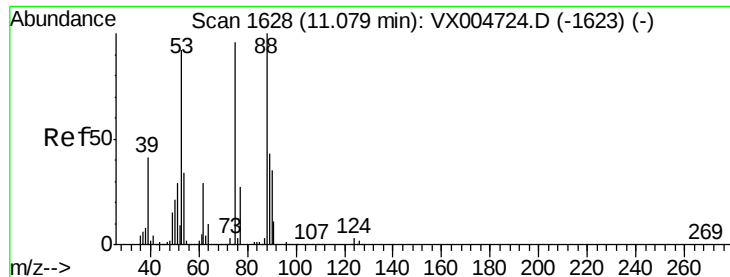
Tgt Ion: 105 Resp: 216290

Ion Ratio Lower Upper

105 100

120 48.1 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 15.932 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

ClientSampled :

VX1009WBSD02

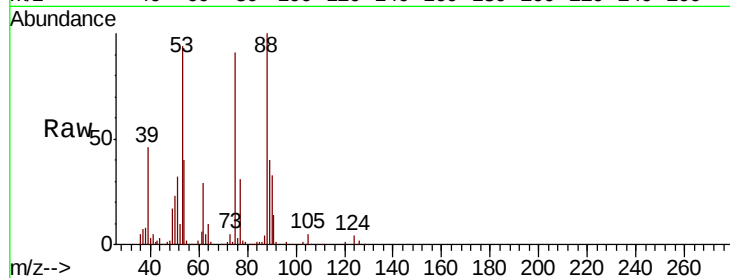
Tot Ion: 75 Resp: 20084

Ion Ratio Lower Upper

75 100

53 106.7 80.2 120.4

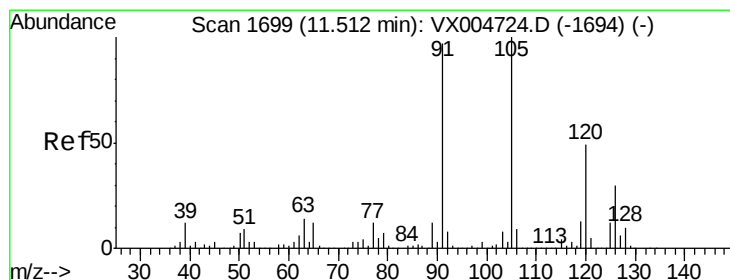
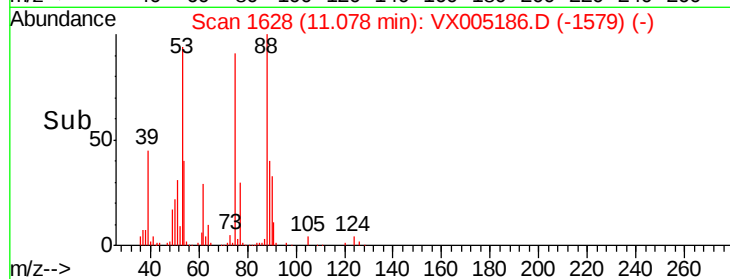
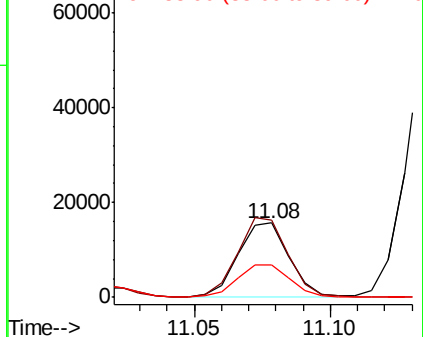
89 46.4 37.1 55.7



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: 23.156 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005186.D

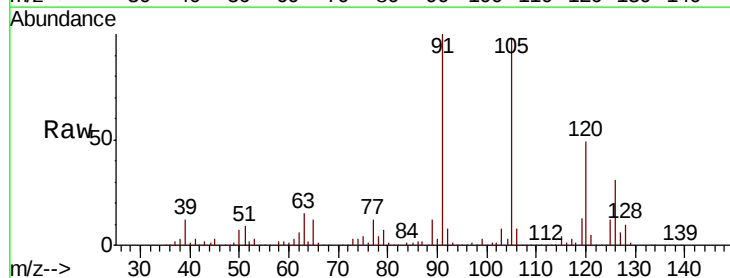
Acq: 10 Oct 2018 04:18

Tgt Ion: 91 Resp: 206776

Ion Ratio Lower Upper

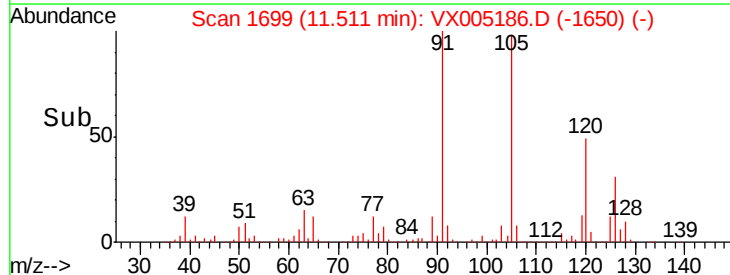
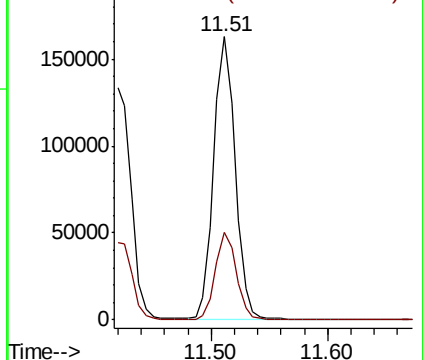
91 100

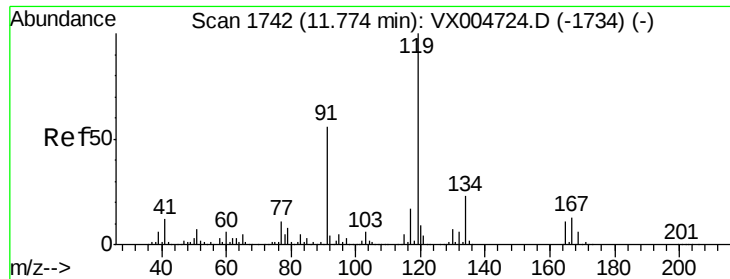
126 30.4 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

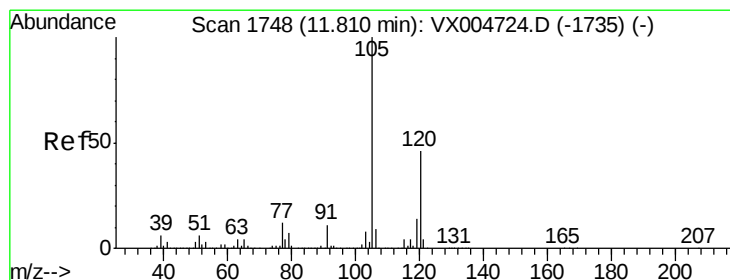
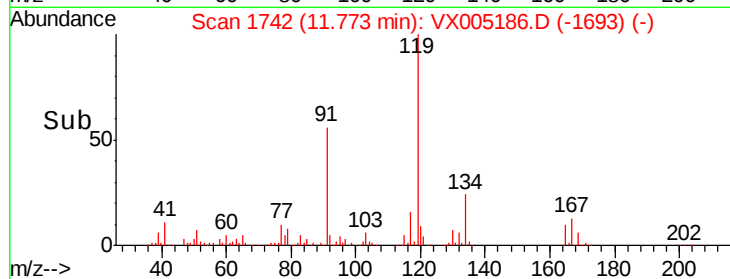
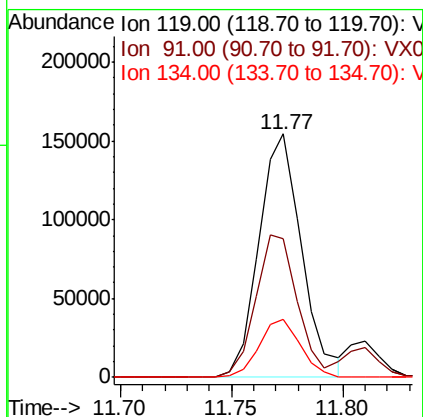
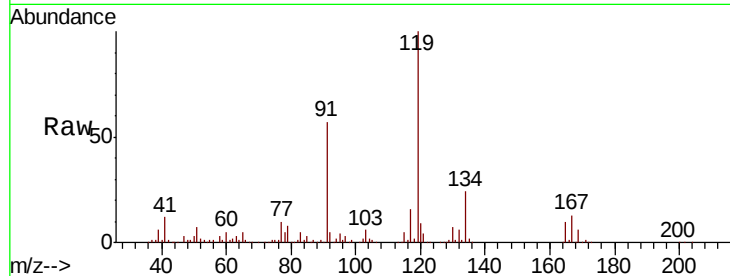




#83
 tert-Butylbenzene
 Concen: 23.586 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005186.D
 Acq: 10 Oct 2018 04:18

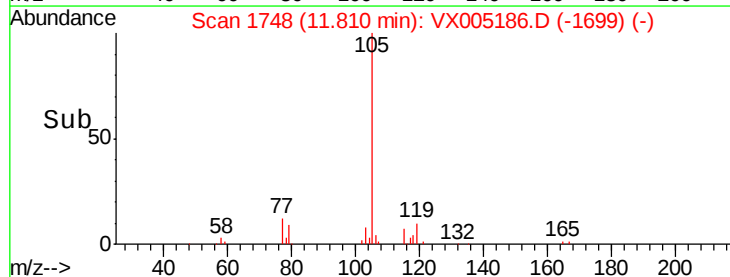
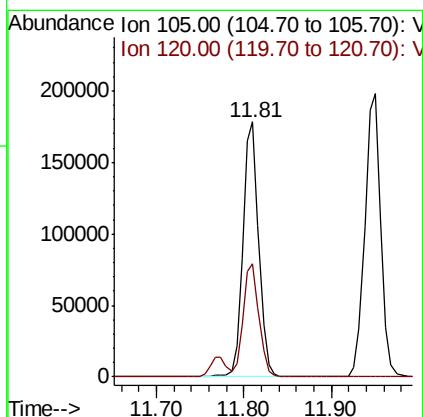
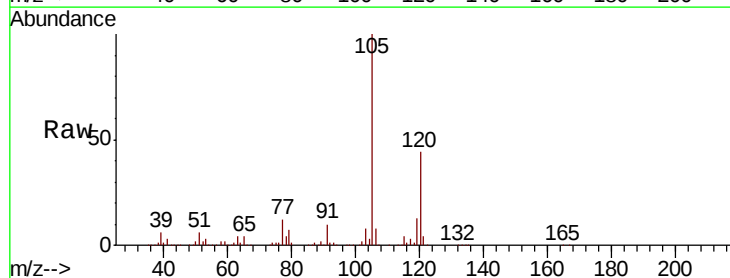
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD02

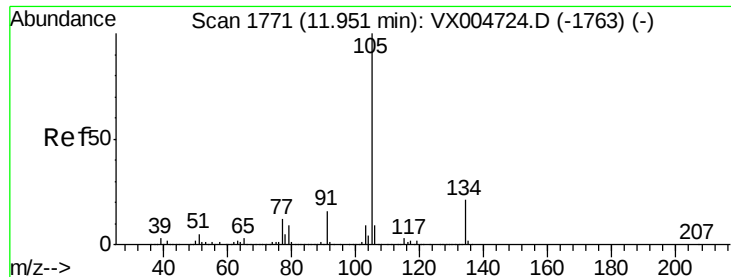
Tot Ion:119 Resp: 205990
 Ion Ratio Lower Upper
 119 100
 91 57.0 27.5 82.5
 134 23.4 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 22.182 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005186.D
 Acq: 10 Oct 2018 04:18

Tgt Ion:105 Resp: 223514
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.8 68.3





#85

sec-Butylbenzene

Concen: 23.676 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

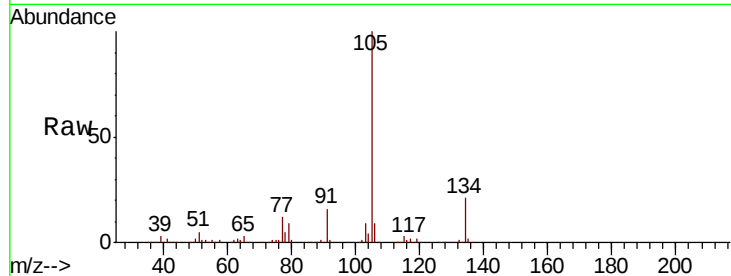
VX1009WBSD02

Tot Ion:105 Resp: 251863

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

200000

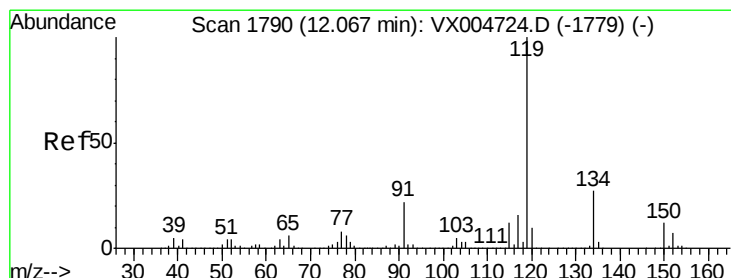
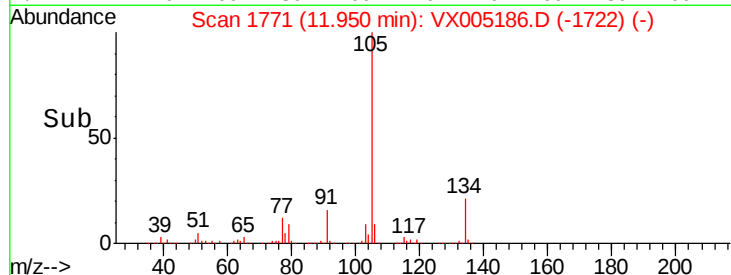
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 23.398 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

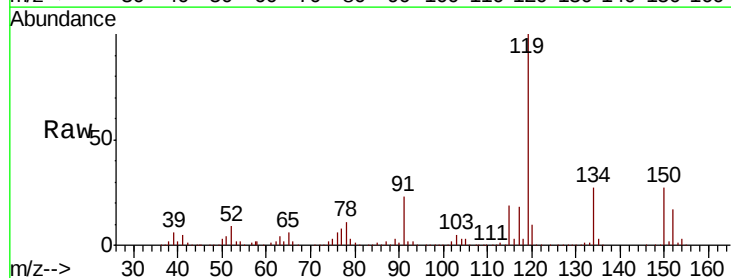
Tgt Ion:119 Resp: 225515

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.1

91 23.4 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

250000

200000

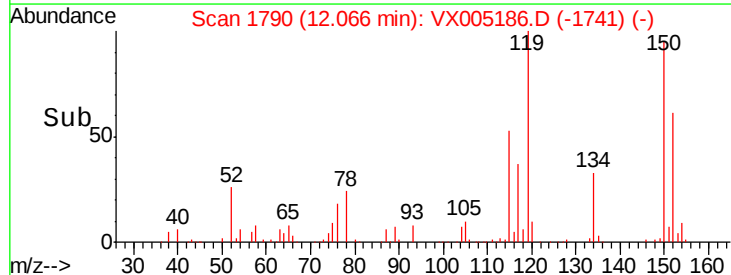
150000

100000

50000

0

Time-->

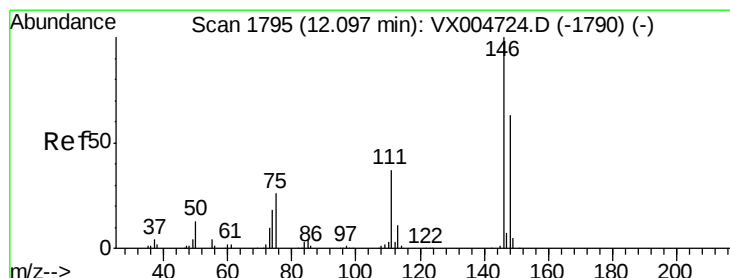
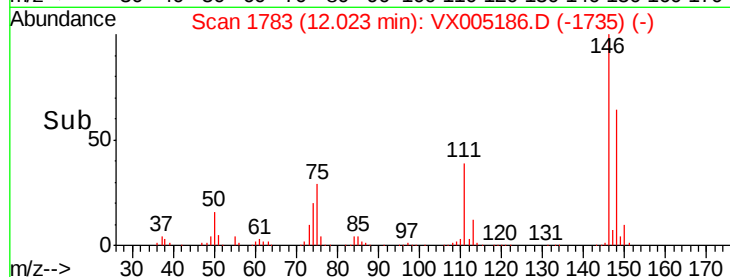
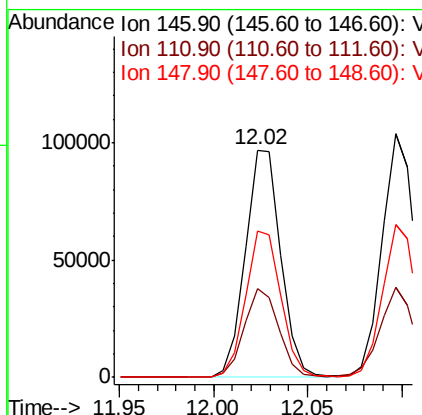
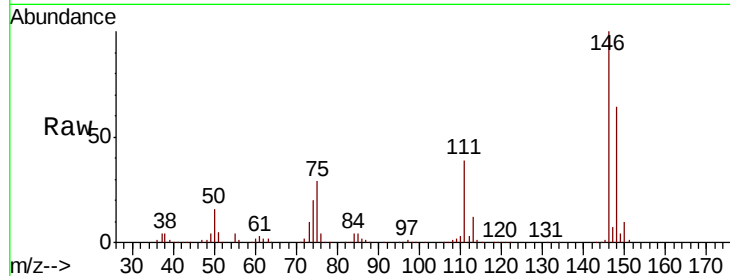




#87
 1,3-Dichlorobenzene
 Concen: 21.994 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX005186.D
 Acq: 10 Oct 2018 04:18

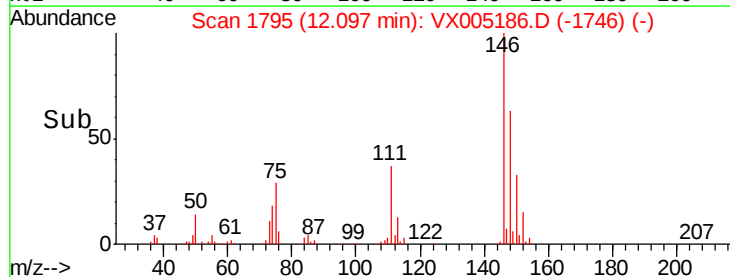
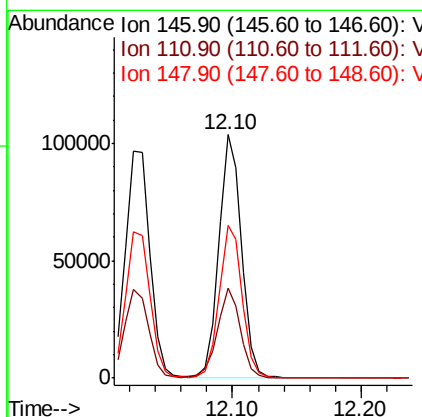
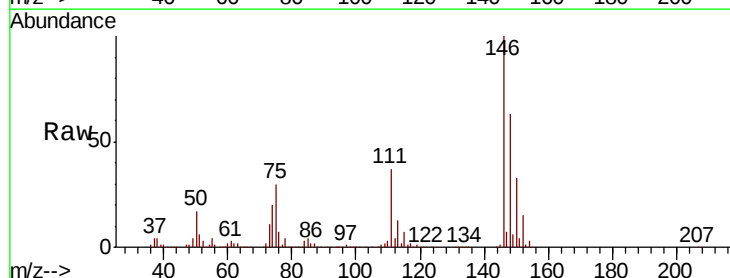
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD02

Tot Ion:146 Resp: 126539
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.9 56.9
 148 64.1 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 21.690 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005186.D
 Acq: 10 Oct 2018 04:18

Tgt Ion:146 Resp: 128820
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.4 55.2
 148 63.8 32.0 96.0

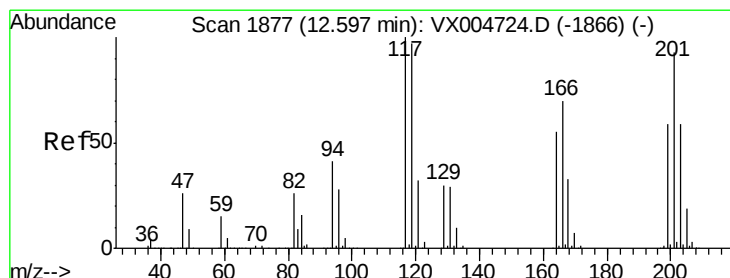
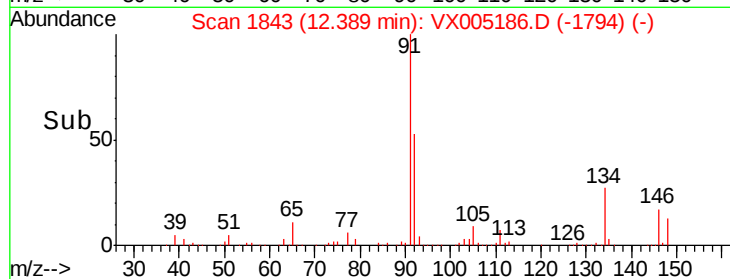
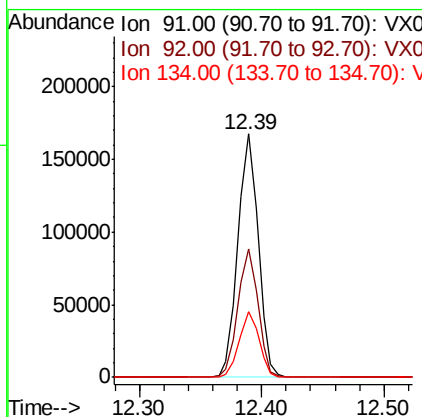
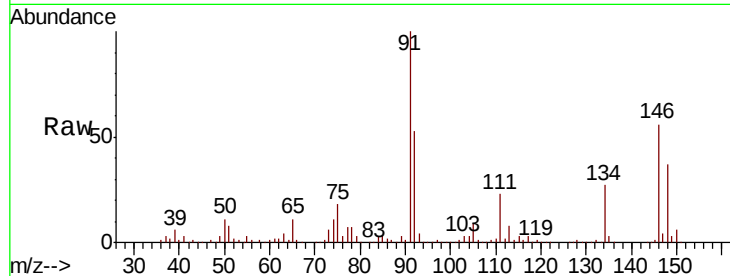




#89
n-Butylbenzene
Concen: 21.963 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

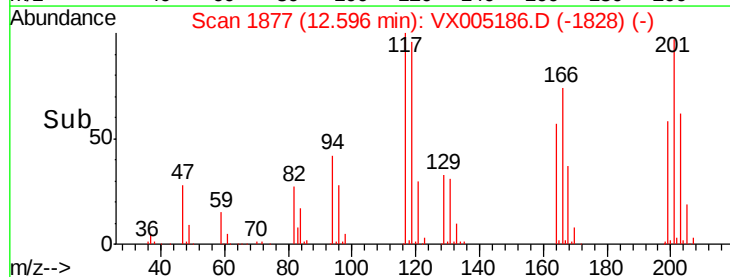
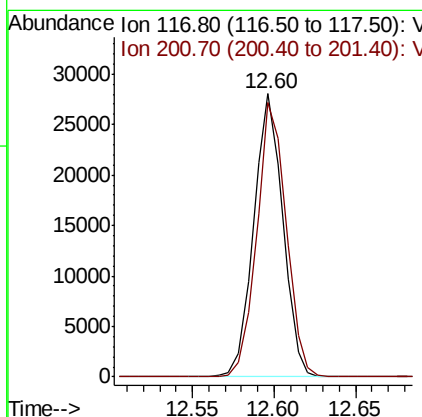
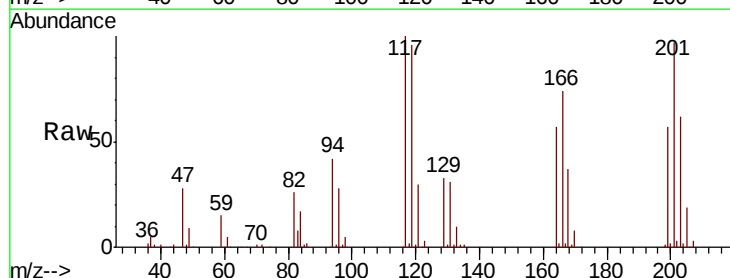
Instrument :
MSVOA_X
ClientSampled :
VX1009WBSD02

Tot Ion: 91 Resp: 192249
Ion Ratio Lower Upper
91 100
92 52.1 26.0 78.0
134 26.5 13.2 39.6



#90
Hexachloroethane
Concen: 21.737 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Tgt Ion: 117 Resp: 34882
Ion Ratio Lower Upper
117 100
201 97.5 48.4 145.0





#91

1,2-Dichlorobenzene

Concen: 21.201 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

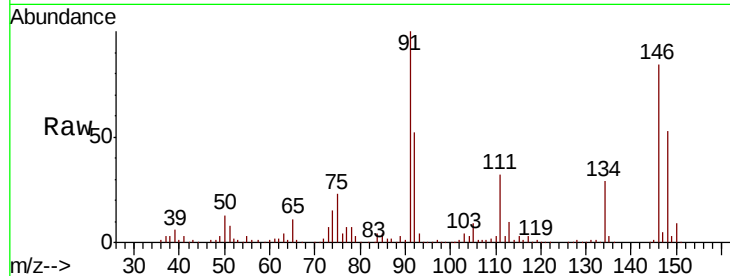
Tot Ion:146 Resp: 127470

Ion Ratio Lower Upper

146 100

111 39.3 19.6 58.7

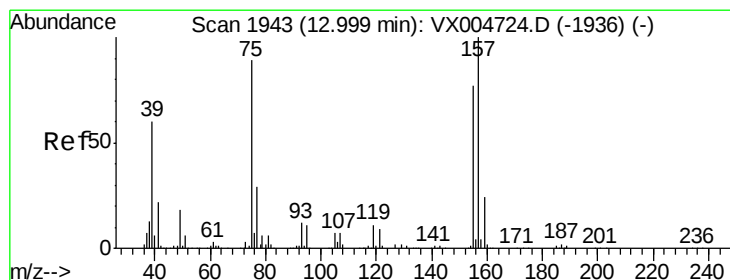
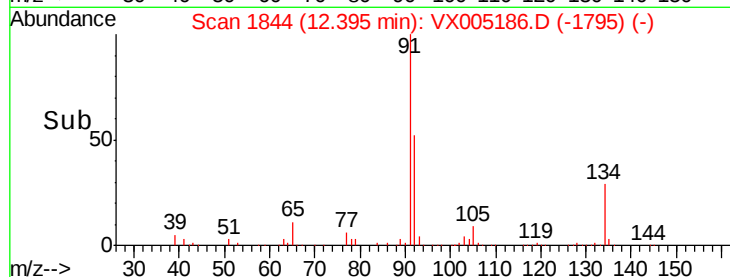
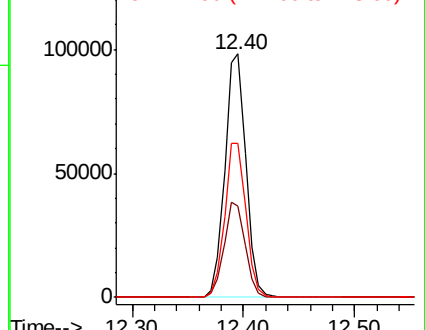
148 64.3 31.8 95.4



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.398 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

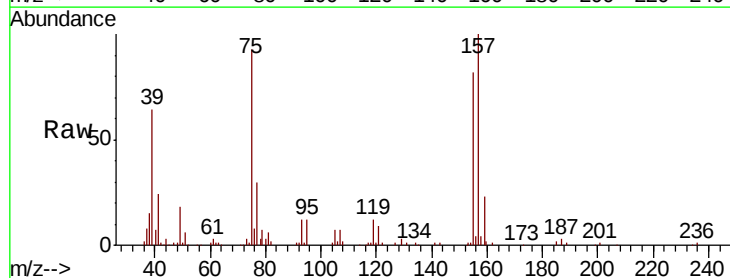
Tgt Ion: 75 Resp: 21236

Ion Ratio Lower Upper

75 100

155 92.2 46.1 138.3

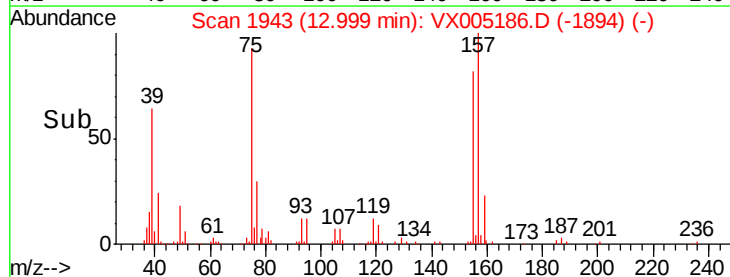
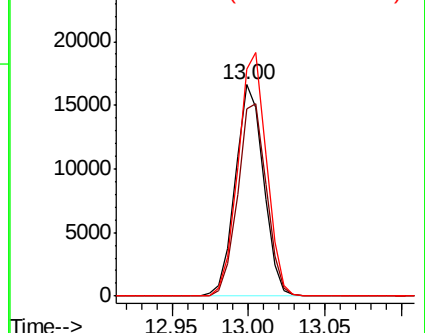
157 116.0 60.2 180.6

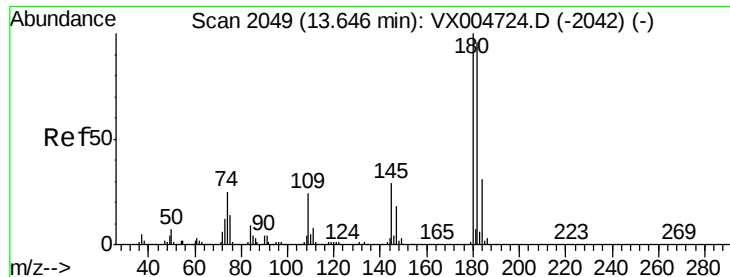


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

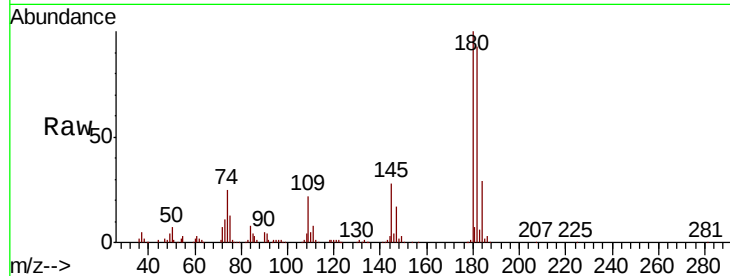




#93
 1,2,4-Trichlorobenzene
 Concen: 21.534 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005186.D
 Acq: 10 Oct 2018 04:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD02

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.8	143.4
145	28.4	14.1	42.4

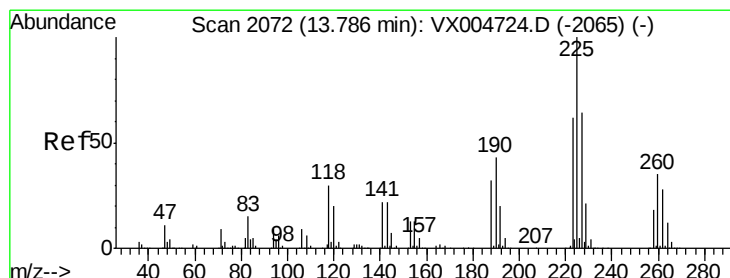
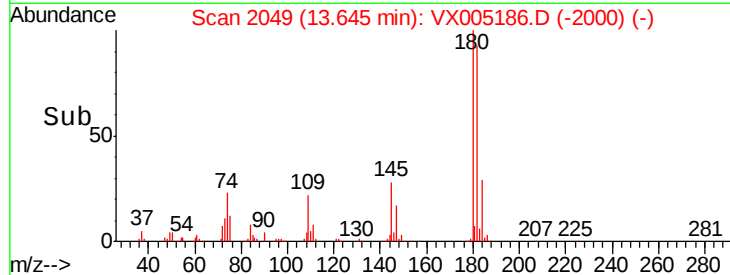
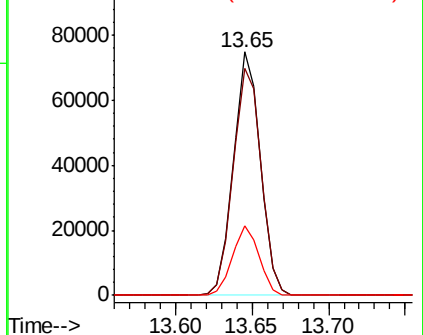


Abundance

Ion 179.80 (179.50 to 180.50): V

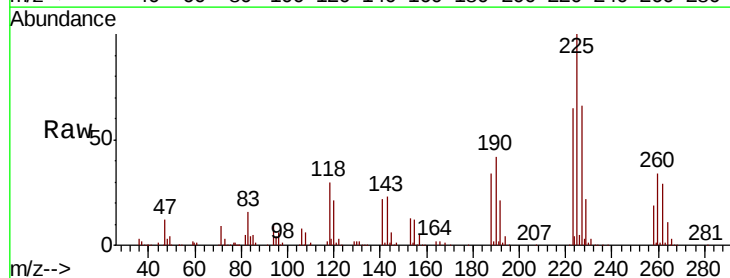
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 20.825 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005186.D
 Acq: 10 Oct 2018 04:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.3	93.8
227	63.9	31.9	95.5

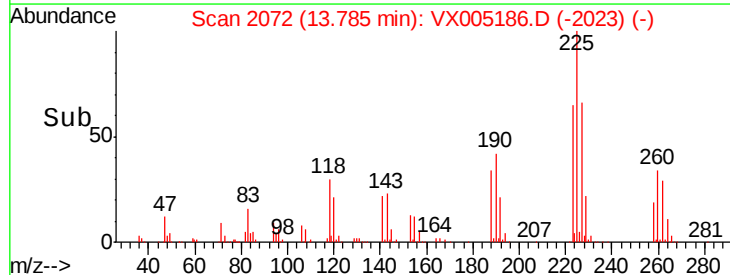
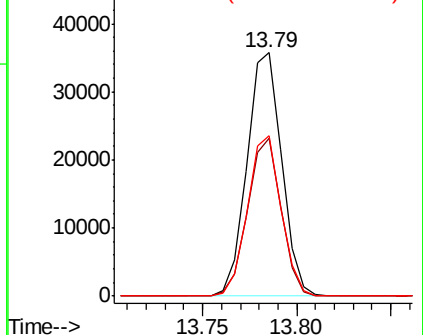


Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

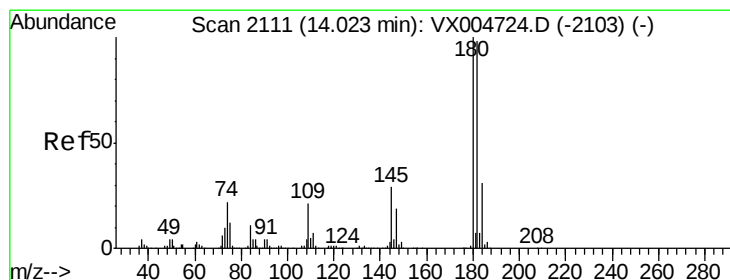
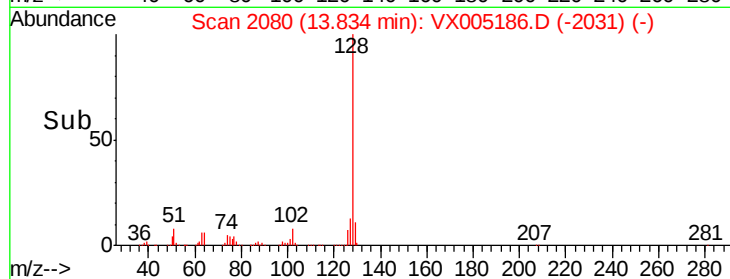
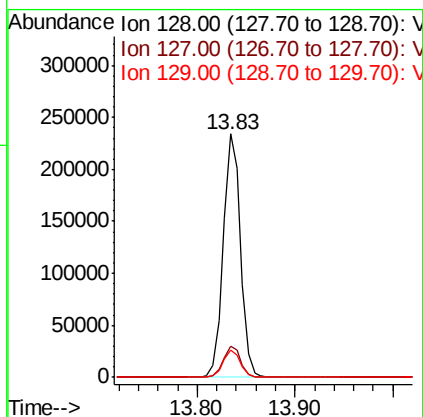
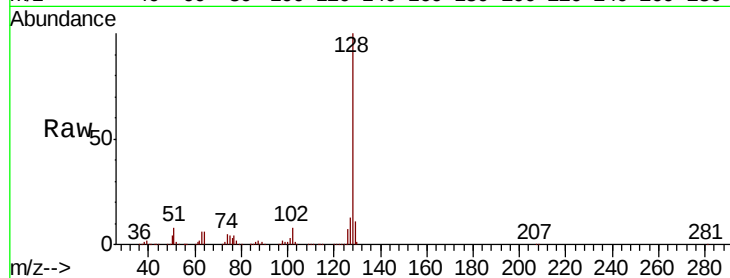




#95
Naphthalene
Concen: 20.709 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion:128 Resp: 283906
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 22.111 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Tgt Ion:180 Resp: 96337
Ion Ratio Lower Upper
180 100
182 95.5 47.9 143.8
145 30.3 15.0 45.0

