

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010219\
 Data File : VX006877.D
 Acq On : 02 Jan 2019 13:11
 Operator : JC/MD
 Sample : VX0102WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102WBSD01

Quant Time: Jan 03 00:09:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	550582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	809099	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	733248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	368201	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	297903	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
35) Dibromofluoromethane	5.50	113	270445	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
50) Toluene-d8	8.71	98	989686	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
62) 4-Bromofluorobenzene	11.13	95	355571	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	81900	16.260	ug/l	99
3) Chloromethane	1.33	50	95720	17.639	ug/l	98
4) Vinyl Chloride	1.41	62	103882	18.330	ug/l	95
5) Bromomethane	1.64	94	103444	18.346	ug/l	99
6) Chloroethane	1.72	64	71239	18.154	ug/l	98
7) Trichlorofluoromethane	1.93	101	168925	19.118	ug/l	99
8) Diethyl Ether	2.19	74	68537	19.529	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	100333	19.339	ug/l	99
10) Methyl Iodide	2.51	142	144021	19.393	ug/l	98
11) Tert butyl alcohol	3.07	59	133899	101.110	ug/l	97
12) 1,1-Dichloroethene	2.37	96	91308	18.561	ug/l	98
13) Acrolein	2.29	56	79335	88.804	ug/l	100
14) Allyl chloride	2.73	41	163601	19.758	ug/l	98
15) Acrylonitrile	3.15	53	305243	103.812	ug/l	99
16) Acetone	2.45	43	265468	97.375	ug/l	99
17) Carbon Disulfide	2.57	76	195181	14.993	ug/l	99
18) Methyl Acetate	2.78	43	185138	23.095	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	350187	21.448	ug/l	99
20) Methylene Chloride	2.86	84	111011	19.692	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	99528	18.260	ug/l	91
22) Diisopropyl ether	3.87	45	319653	21.102	ug/l	97
23) Vinyl Acetate	3.82	43	1273586	102.784	ug/l	99
24) 1,1-Dichloroethane	3.70	63	175577	19.416	ug/l	99
25) 2-Butanone	4.70	43	381151	99.393	ug/l	98
26) 2,2-Dichloropropane	4.58	77	135779	19.438	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	118751	19.747	ug/l	98
28) Bromochloromethane	5.02	49	78263	19.396	ug/l	97
29) Tetrahydrofuran	5.15	42	252486	99.966	ug/l	97
30) Chloroform	5.21	83	186703	19.938	ug/l	93
31) Cyclohexane	5.57	56	142911	17.396	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	155867	19.712	ug/l	98
36) 1,1-Dichloropropene	5.80	75	127649	19.049	ug/l	99
37) Ethyl Acetate	4.85	43	145538	20.866	ug/l	99
38) Carbon Tetrachloride	5.78	117	130353	20.016	ug/l	96

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 Data File : VX006877.D
 Acq On : 02 Jan 2019 13:11
 Operator : JC/MD
 Sample : VX0102WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102WBSD01

Quant Time: Jan 03 00:09:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	156885	17.783	ug/l	99
40) Benzene	6.14	78	407948	20.027	ug/l	99
41) Methacrylonitrile	5.06	41	80735	21.802	ug/l	97
42) 1,2-Dichloroethane	6.20	62	140388	20.226	ug/l	100
43) Isopropyl Acetate	6.46	43	235055	22.149	ug/l	98
44) Trichloroethene	7.21	130	118150	19.164	ug/l	97
45) 1,2-Dichloropropane	7.51	63	104102	21.001	ug/l	99
46) Dibromomethane	7.66	93	75092	20.595	ug/l	98
47) Bromodichloromethane	7.90	83	123117	20.339	ug/l	95
48) Methyl methacrylate	7.77	41	118422	21.943	ug/l	97
49) 1,4-Dioxane	7.75	88	53800	368.460	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	750584	111.159	ug/l	99
52) Toluene	8.78	92	265703	20.191	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	136480	21.023	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	153953	21.612	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	113752	21.118	ug/l	96
56) Ethyl methacrylate	9.18	69	164753	21.641	ug/l	96
57) 1,3-Dichloropropane	9.37	76	181977	20.999	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	435949	107.726	ug/l	99
59) 2-Hexanone	9.49	43	564724	109.309	ug/l	99
60) Dibromochloromethane	9.59	129	107843	20.577	ug/l	96
61) 1,2-Dibromoethane	9.67	107	118899	20.765	ug/l	100
64) Tetrachloroethene	9.34	164	120237	20.708	ug/l	98
65) Chlorobenzene	10.14	112	313252	20.194	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	108107	22.337	ug/l	99
67) Ethyl Benzene	10.25	91	505074	19.925	ug/l	98
68) m/p-Xylenes	10.36	106	398248	39.815	ug/l	100
69) o-Xylene	10.70	106	195115	19.754	ug/l	96
70) Styrene	10.71	104	318521	20.384	ug/l	99
71) Bromoform	10.86	173	77439	20.616	ug/l #	99
73) Isopropylbenzene	11.02	105	520185	20.651	ug/l	100
74) N-amyl acetate	10.90	43	206844	22.941	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	167803	22.400	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	181253	26.488	ug/l	93
77) Bromobenzene	11.26	156	146105	21.454	ug/l	98
78) n-propylbenzene	11.36	91	573080	20.660	ug/l	99
79) 2-Chlorotoluene	11.42	91	340900	20.280	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	426318	20.548	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	40978	20.914	ug/l	93
82) 4-Chlorotoluene	11.51	91	394373	20.453	ug/l	100
83) tert-Butylbenzene	11.77	119	424250	20.431	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	438071	20.074	ug/l	99
85) sec-Butylbenzene	11.94	105	508774	19.984	ug/l	99
86) p-Isopropyltoluene	12.06	119	456268	20.388	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	251749	20.512	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	250254	19.890	ug/l	99
89) n-Butylbenzene	12.38	91	378042	19.849	ug/l	99
90) Hexachloroethane	12.60	117	64725	20.556	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	252922	20.600	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	31849	20.547	ug/l	97

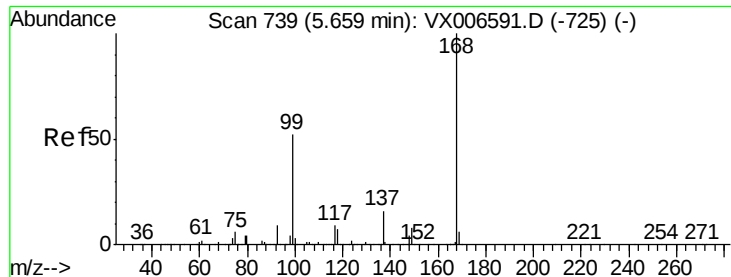
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010219\
Data File : VX006877.D
Acq On : 02 Jan 2019 13:11
Operator : JC/MD
Sample : VX0102WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0102WBSD01

Quant Time: Jan 03 00:09:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	169651	20.032	ug/l	99
94) Hexachlorobutadiene	13.78	225	73743	18.473	ug/l	99
95) Naphthalene	13.83	128	521290	19.285	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	168387	19.257	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

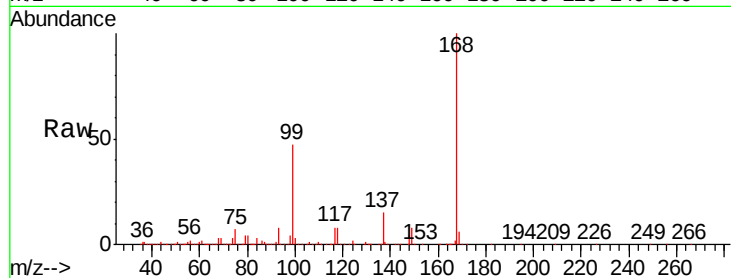
VX0102WBSD01

Tgt Ion:168 Resp: 550582

Ion Ratio Lower Upper

168 100

99 47.0 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

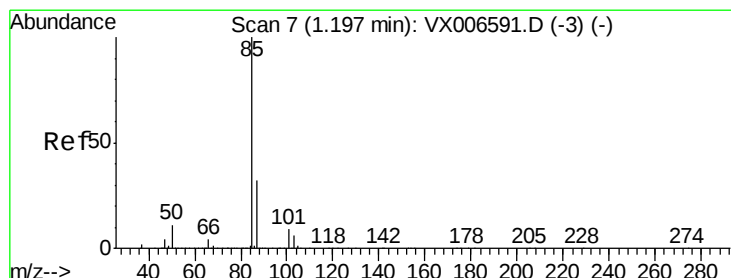
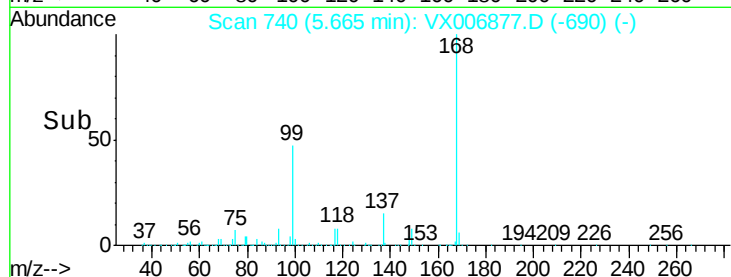
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.260 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006877.D

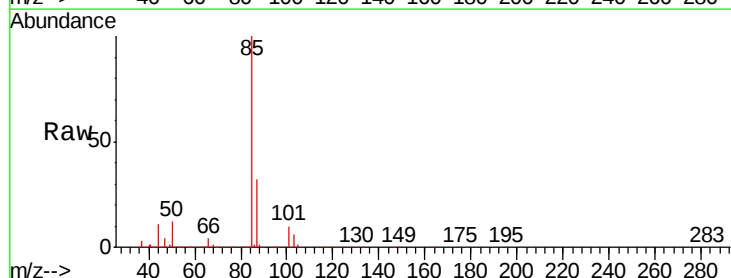
Acq: 02 Jan 2019 13:11

Tgt Ion: 85 Resp: 81900

Ion Ratio Lower Upper

85 100

87 32.1 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

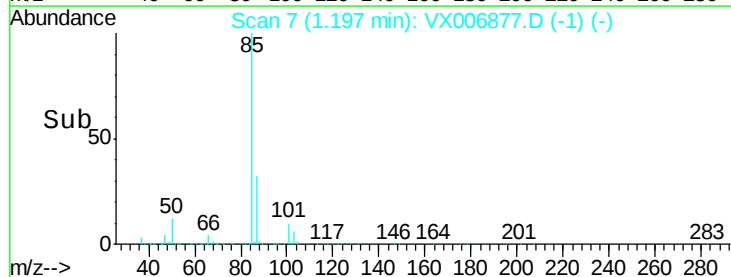
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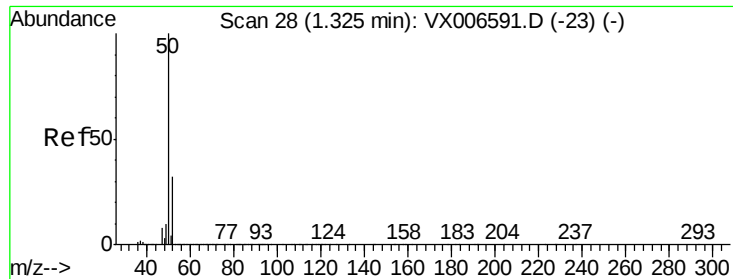
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20000

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Time-->





#3

Chloromethane

Concen: 17.639 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

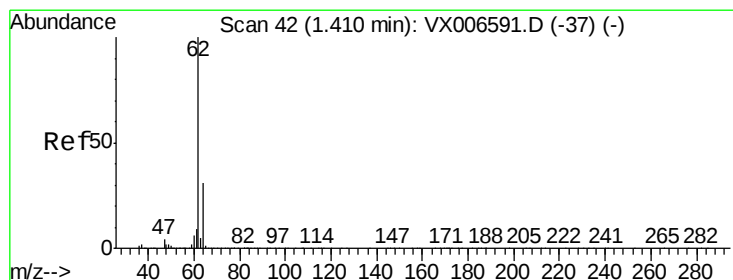
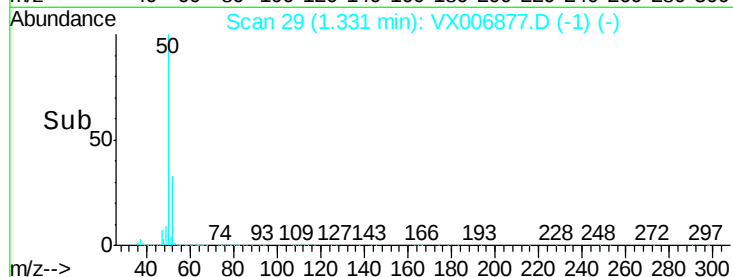
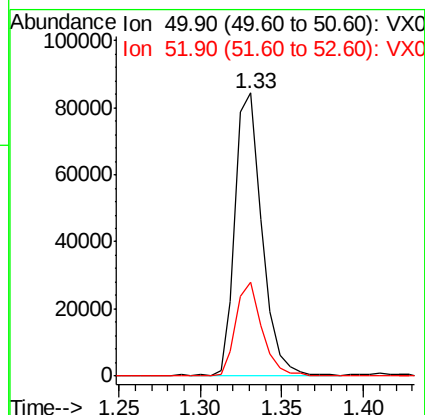
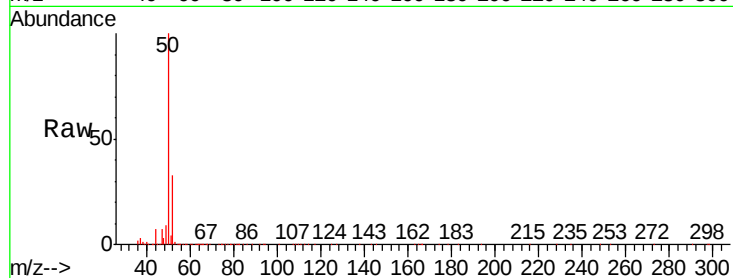
VX0102WBSD01

Tgt Ion: 50 Resp: 95720

Ion Ratio Lower Upper

50 100

52 33.1 25.4 38.2



#4

Vinyl Chloride

Concen: 18.330 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006877.D

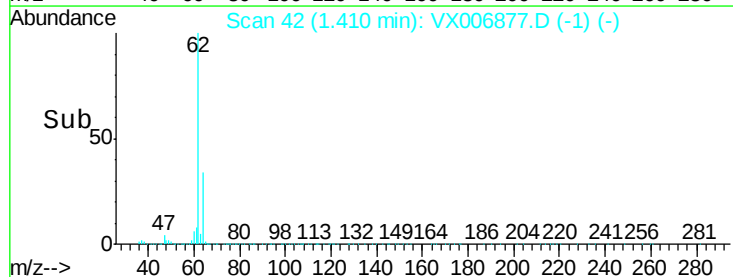
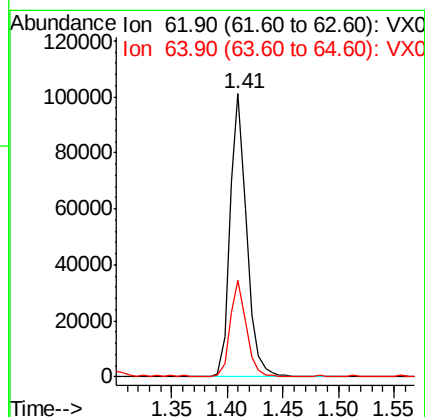
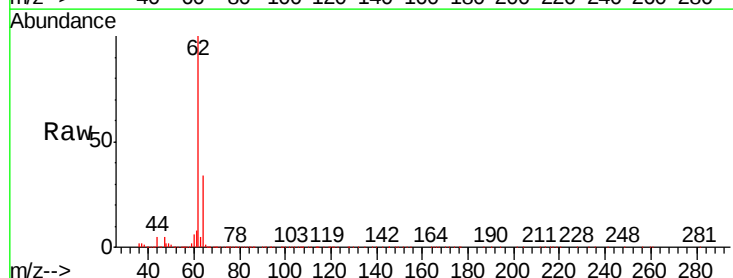
Acq: 02 Jan 2019 13:11

Tgt Ion: 62 Resp: 103882

Ion Ratio Lower Upper

62 100

64 34.1 25.1 37.7





#5

Bromomethane

Concen: 18.346 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

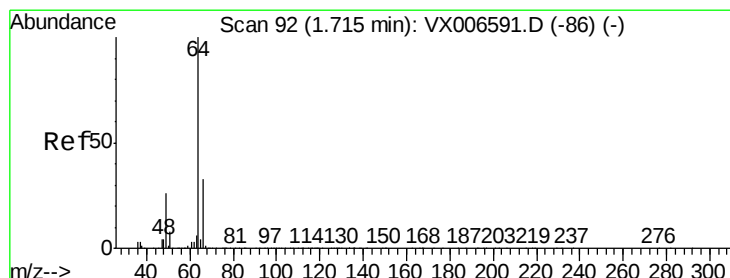
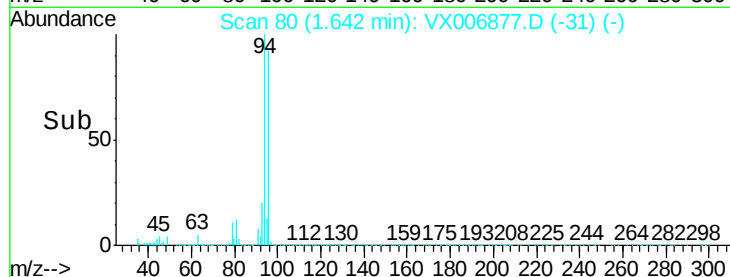
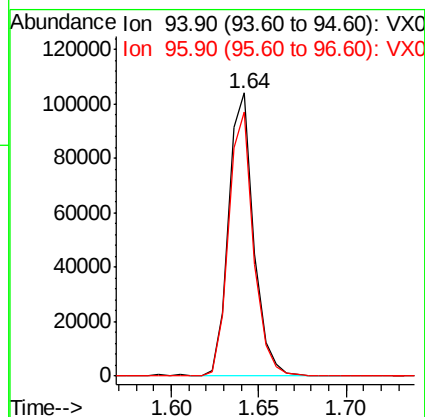
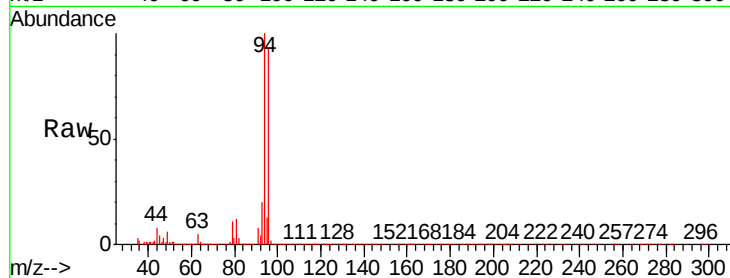
VX0102WBSD01

Tgt Ion: 94 Resp: 103444

Ion Ratio Lower Upper

94 100

96 93.1 73.4 110.2



#6

Chloroethane

Concen: 18.154 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006877.D

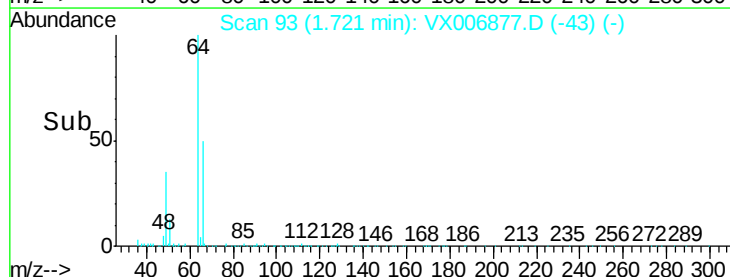
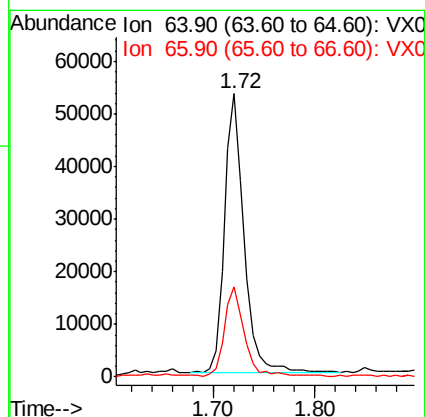
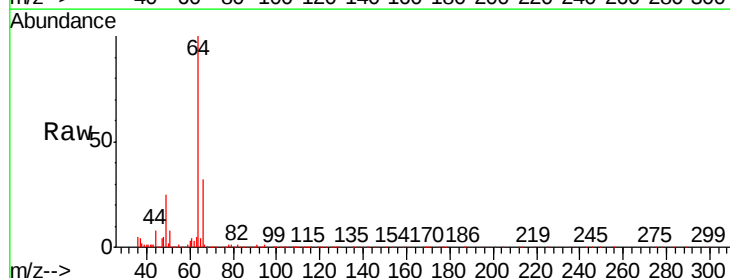
Acq: 02 Jan 2019 13:11

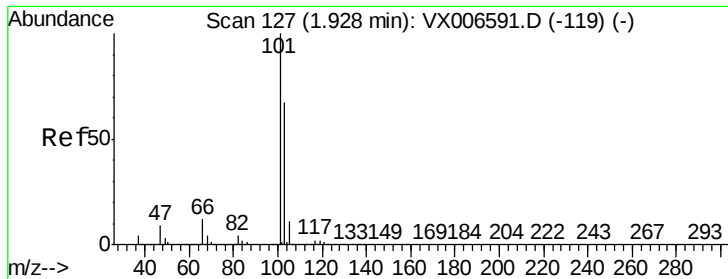
Tgt Ion: 64 Resp: 71239

Ion Ratio Lower Upper

64 100

66 31.9 26.4 39.6



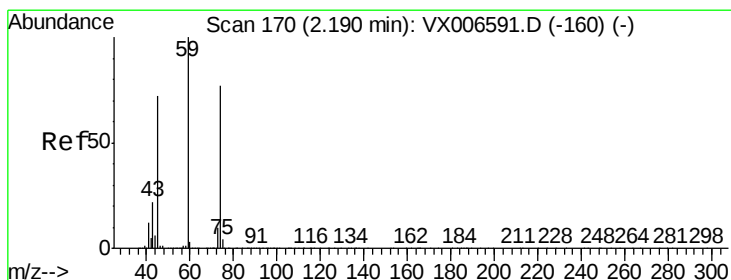
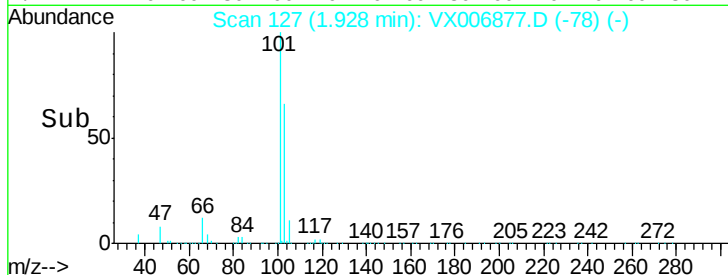
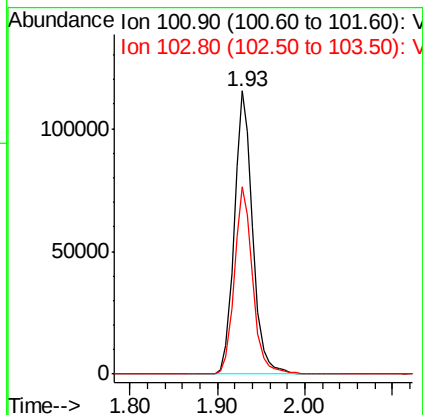
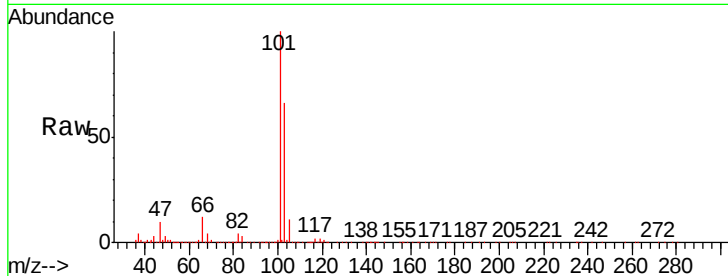


#7

Trichlorofluoromethane
Concen: 19.118 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX0102WBSD01

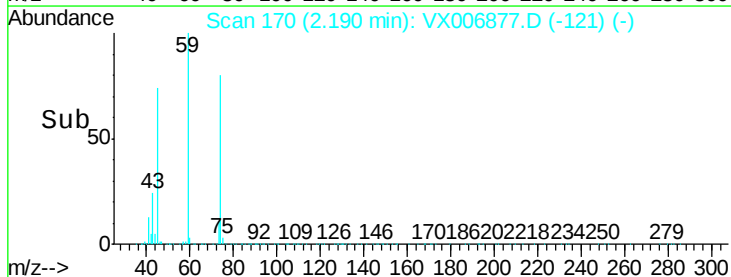
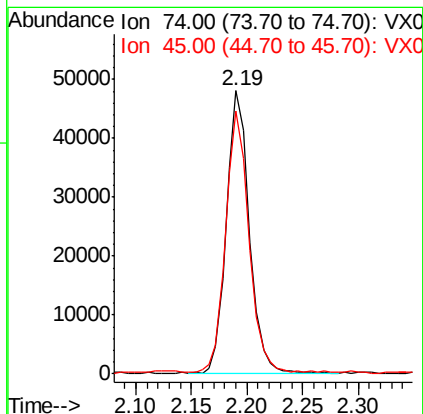
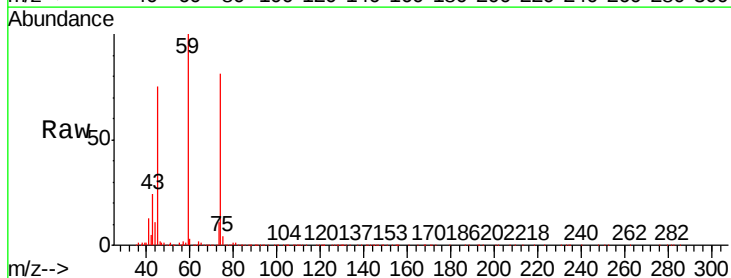
Tgt Ion:101 Resp: 168925
Ion Ratio Lower Upper
101 100
103 66.1 53.2 79.8



#8

Diethyl Ether
Concen: 19.529 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Tgt Ion: 74 Resp: 68537
Ion Ratio Lower Upper
74 100
45 93.5 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.339 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX0102WBSD01

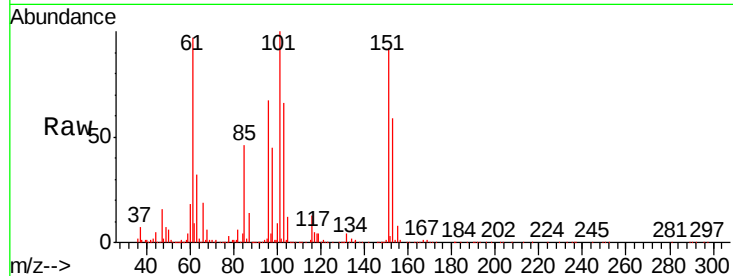
Tgt Ion:101 Resp: 100333

Ion Ratio Lower Upper

101 100

85 44.4 35.1 52.7

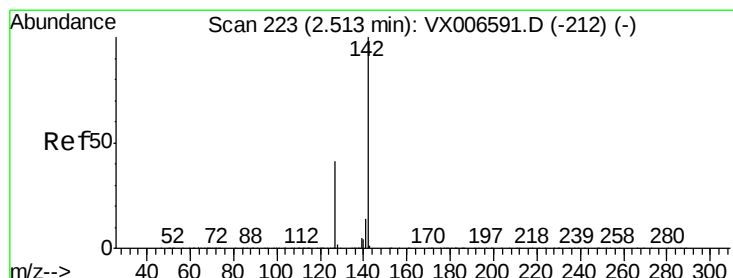
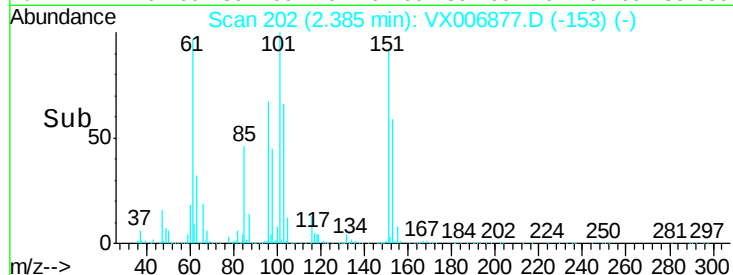
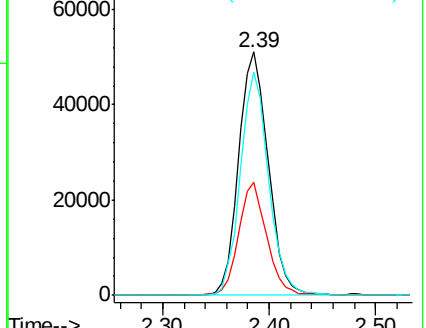
151 87.8 68.9 103.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.393 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

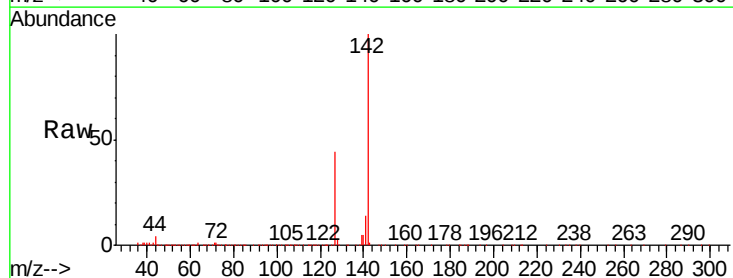
Tgt Ion:142 Resp: 144021

Ion Ratio Lower Upper

142 100

127 44.0 33.9 50.9

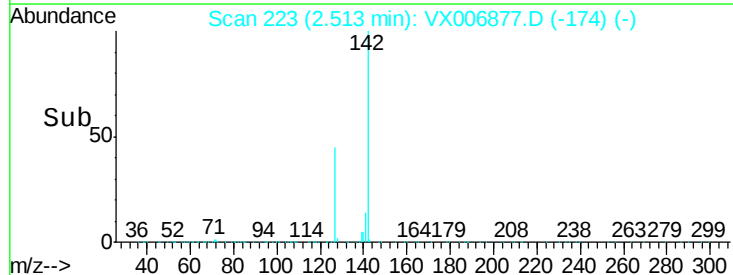
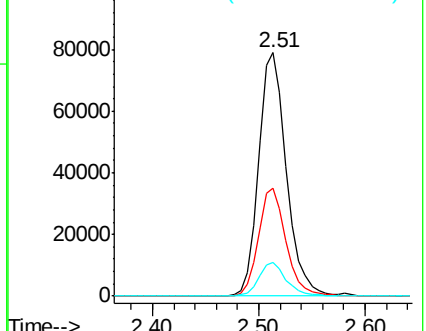
141 13.9 11.4 17.0

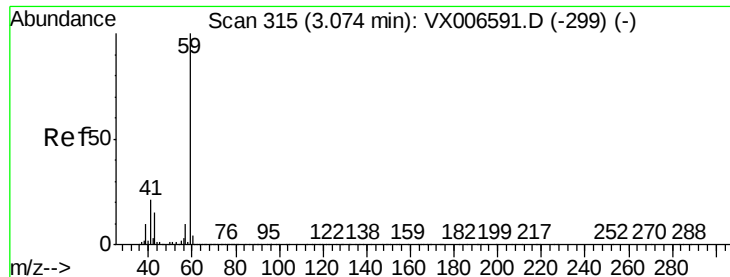


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



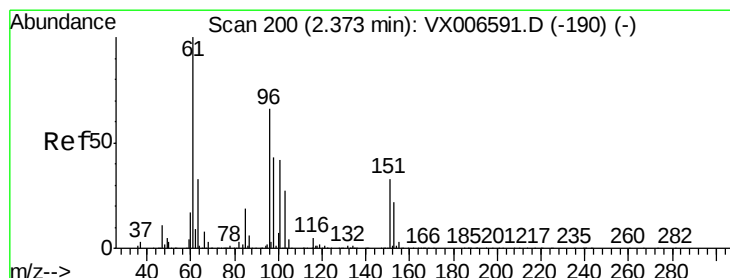
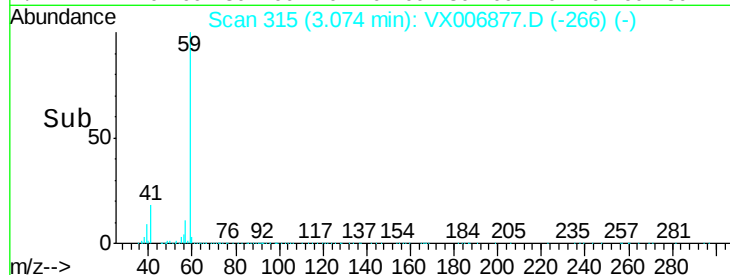
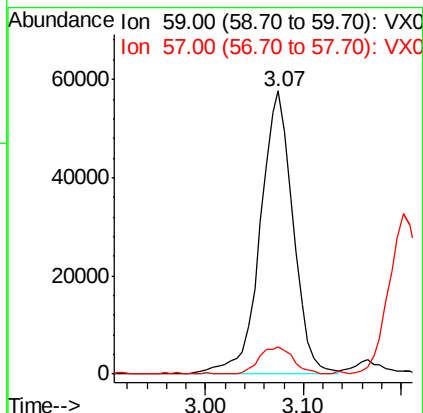
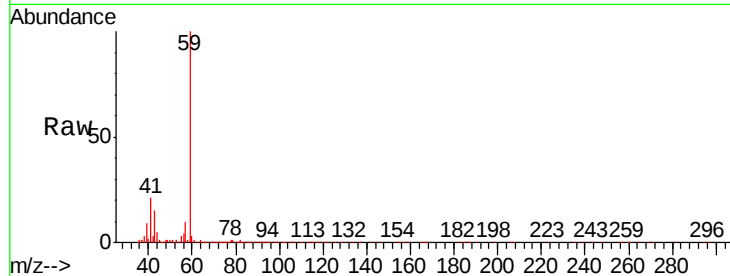


#11

Tert butyl alcohol
 Concen: 101.110 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. 0.00 min
 Lab File: VX006877.D
 Acq: 02 Jan 2019 13:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102WBSD01

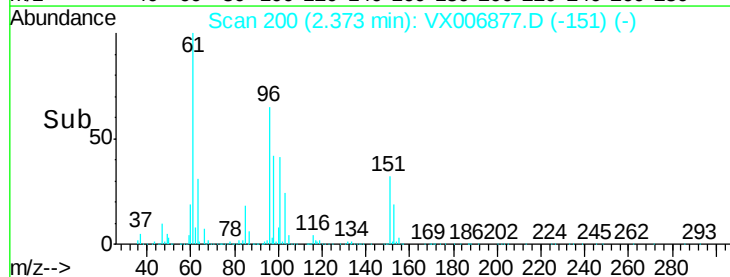
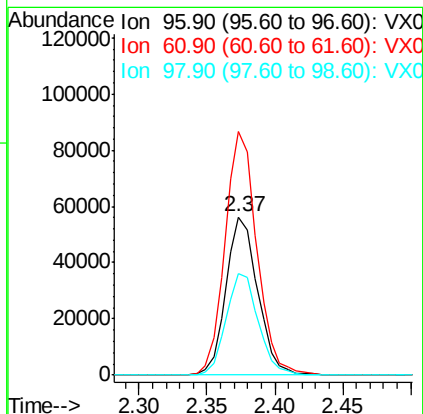
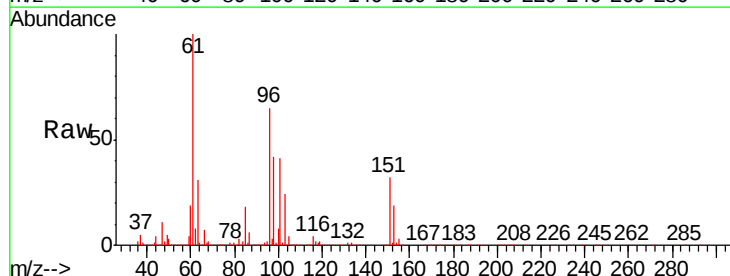
Tgt Ion: 59 Resp: 133899
 Ion Ratio Lower Upper
 59 100
 57 9.6 8.5 12.7

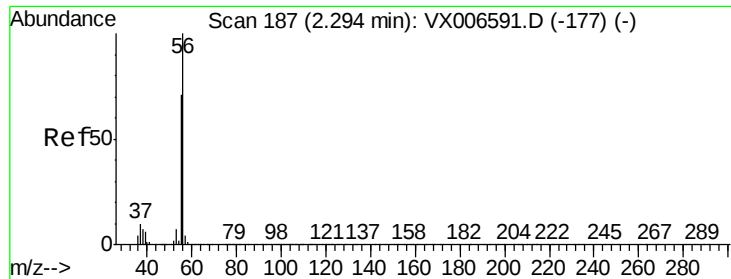


#12

1,1-Dichloroethene
 Concen: 18.561 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX006877.D
 Acq: 02 Jan 2019 13:11

Tgt Ion: 96 Resp: 91308
 Ion Ratio Lower Upper
 96 100
 61 154.0 121.4 182.2
 98 64.1 51.9 77.9





#13

Acrolein

Concen: 88.804 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

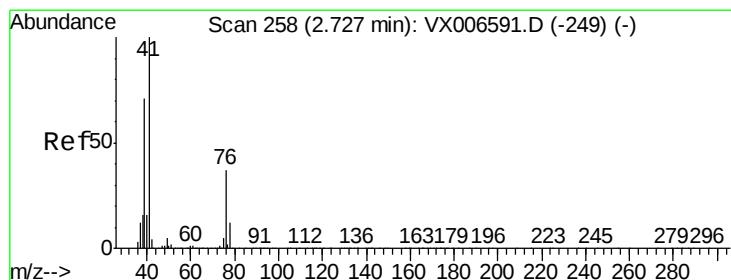
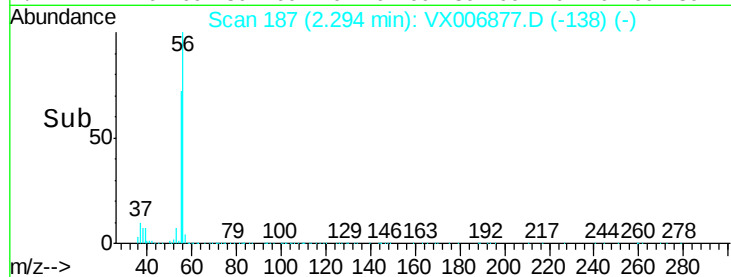
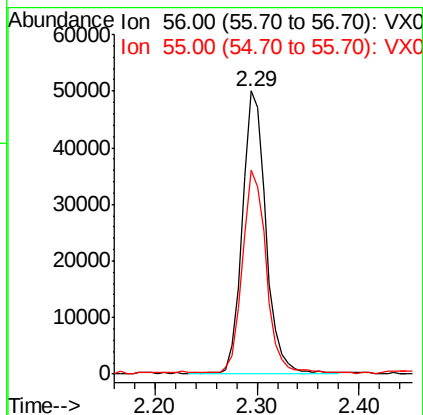
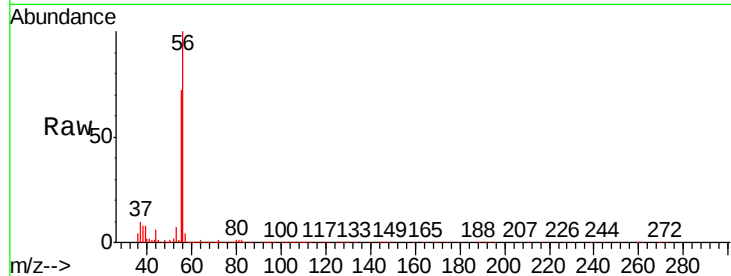
VX0102WBSD01

Tgt Ion: 56 Resp: 79335

Ion Ratio Lower Upper

56 100

55 72.8 58.2 87.4



#14

Allyl chloride

Concen: 19.758 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

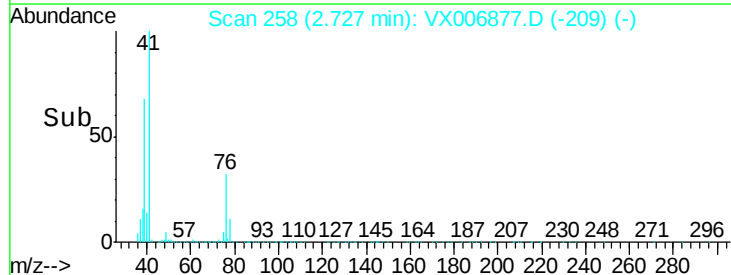
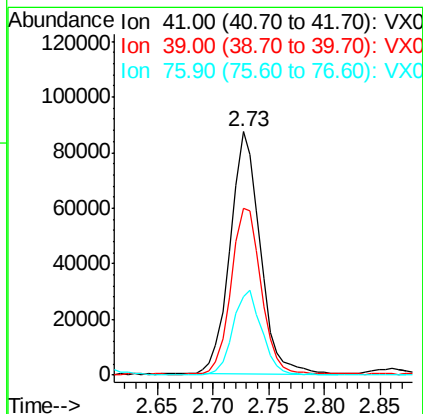
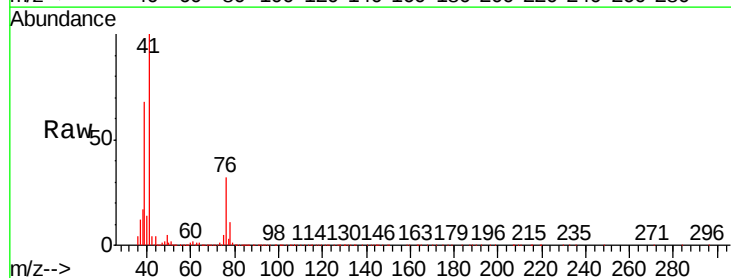
Tgt Ion: 41 Resp: 163601

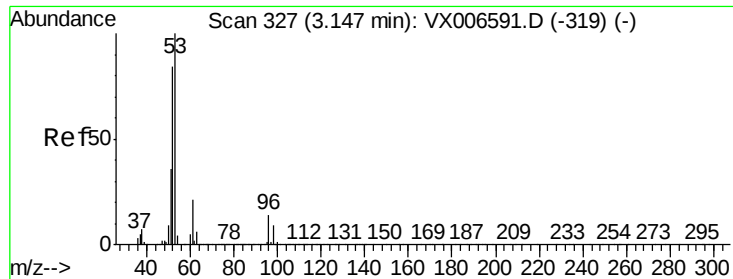
Ion Ratio Lower Upper

41 100

39 68.6 53.6 80.4

76 32.7 27.4 41.2





#15

Acrylonitrile

Concen: 103.812 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX0102WBSD01

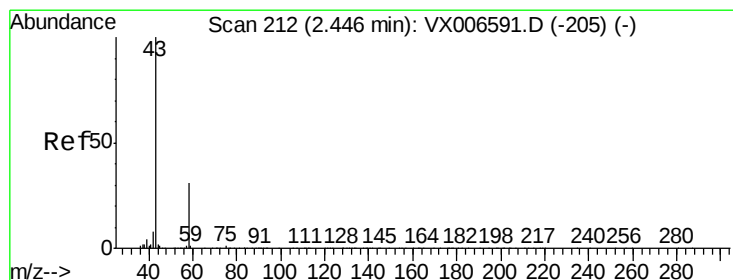
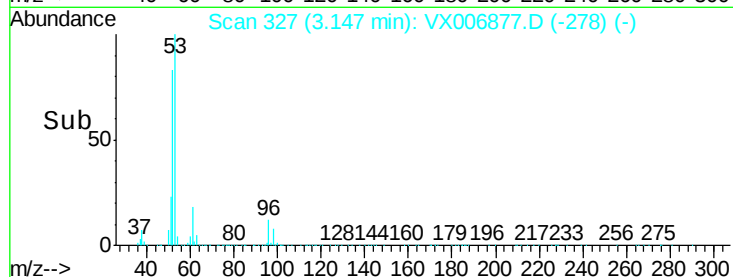
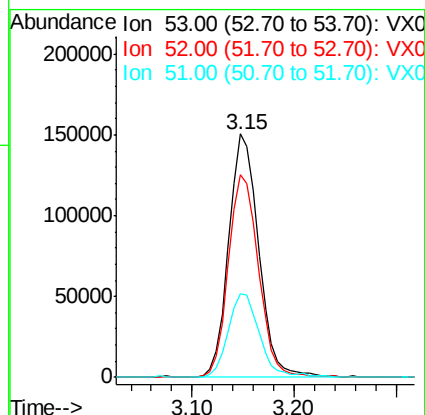
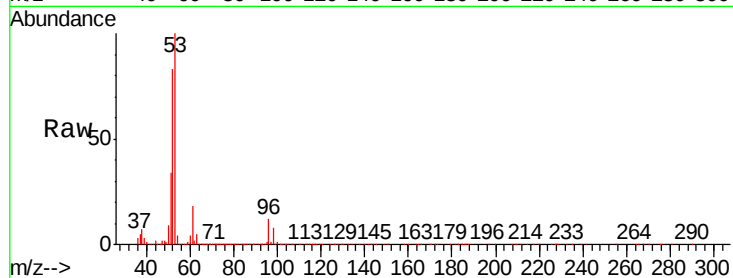
Tgt Ion: 53 Resp: 305243

Ion Ratio Lower Upper

53 100

52 83.3 66.0 99.0

51 35.6 28.6 42.8



#16

Acetone

Concen: 97.375 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006877.D

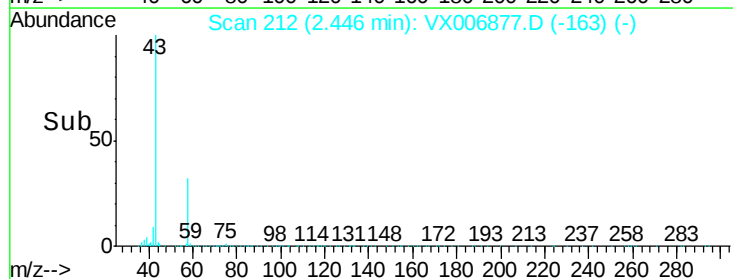
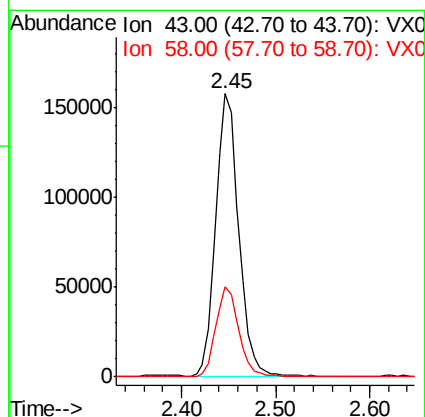
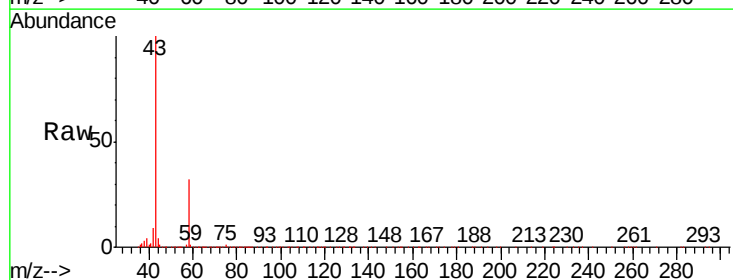
Acq: 02 Jan 2019 13:11

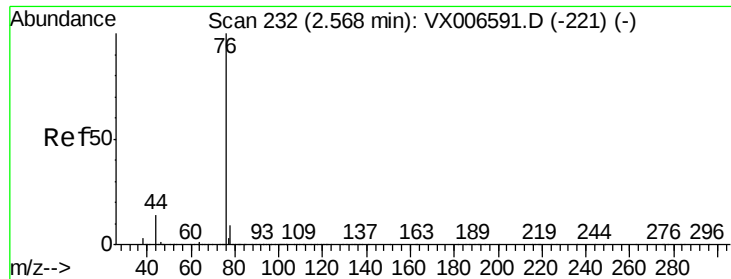
Tgt Ion: 43 Resp: 265468

Ion Ratio Lower Upper

43 100

58 31.9 25.0 37.6

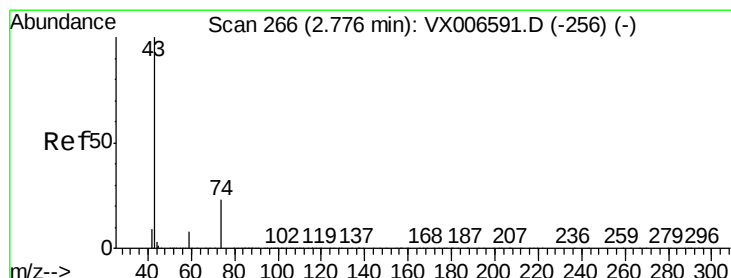
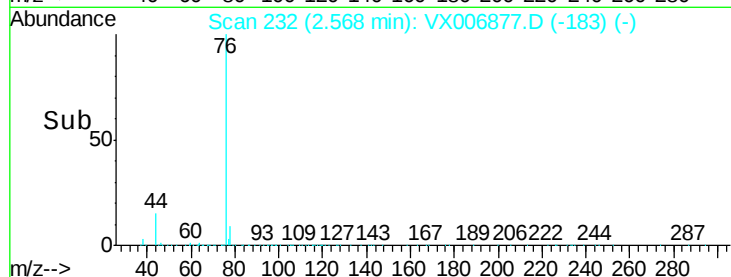
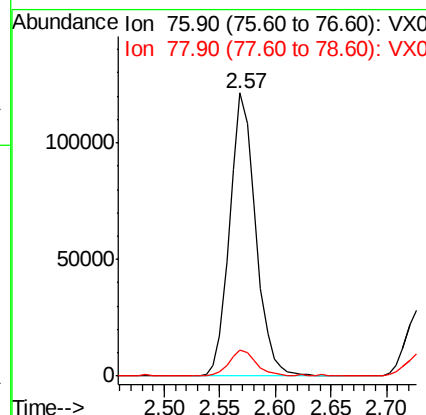
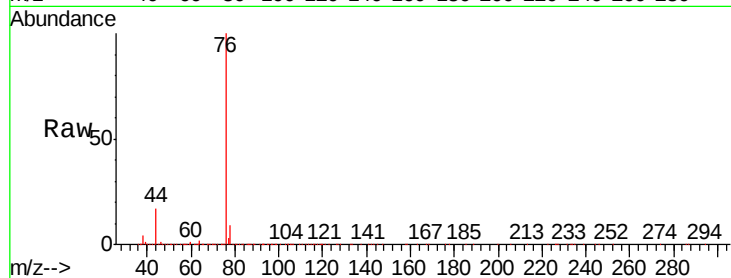




#17
Carbon Disulfide
Concen: 14.993 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

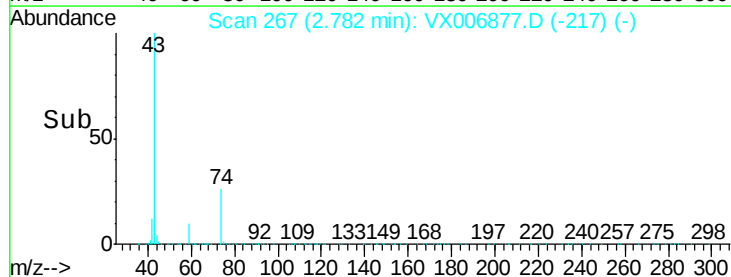
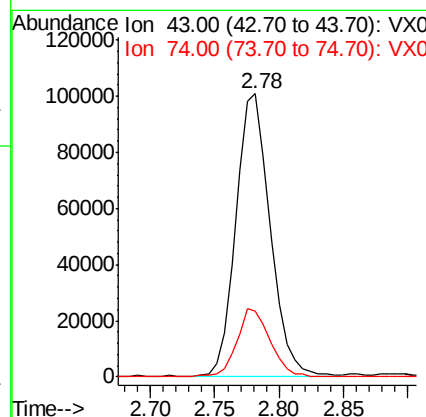
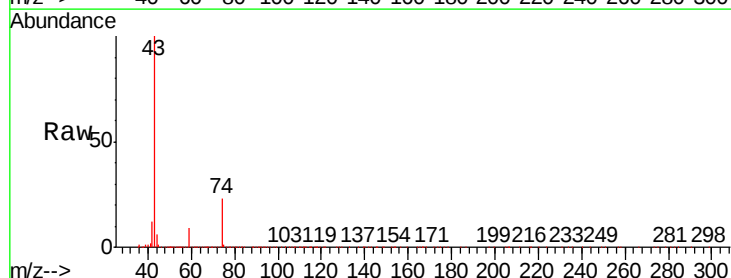
Instrument :
MSVOA_X
ClientSampleId :
VX0102WBSD01

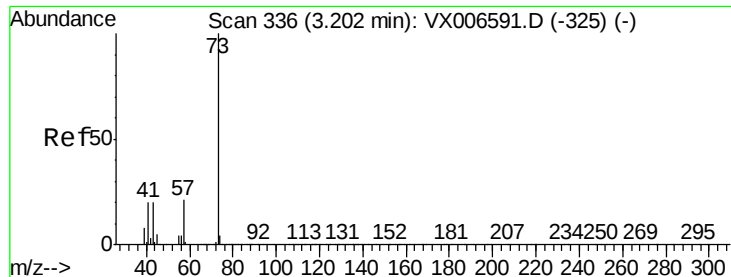
Tgt Ion: 76 Resp: 195181
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 23.095 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Tgt Ion: 43 Resp: 185138
Ion Ratio Lower Upper
43 100
74 23.7 18.6 28.0





#19

Methyl tert-butyl Ether

Concen: 21.448 ug/l

RT: 3.20 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

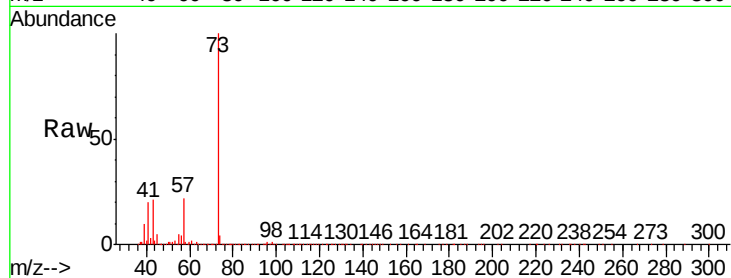
VX0102WBSD01

Tgt Ion: 73 Resp: 350187

Ion Ratio Lower Upper

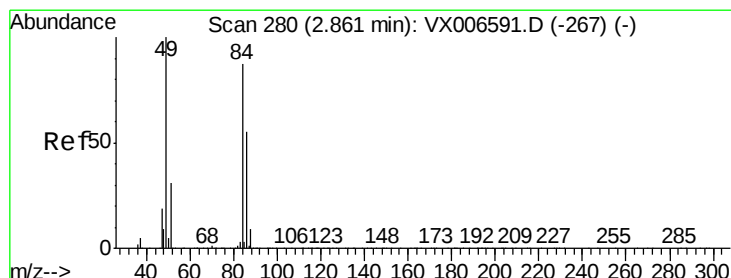
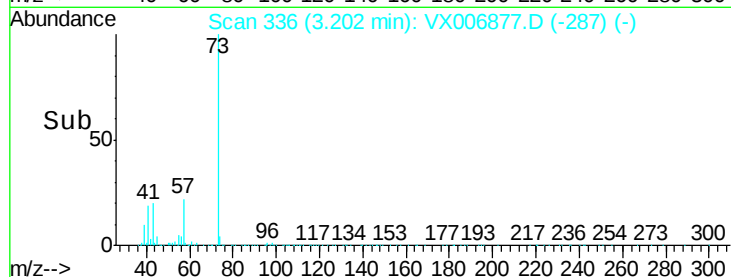
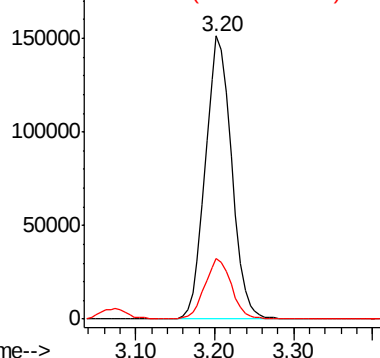
73 100

57 21.5 16.8 25.2



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 19.692 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Tgt Ion: 84 Resp: 111011

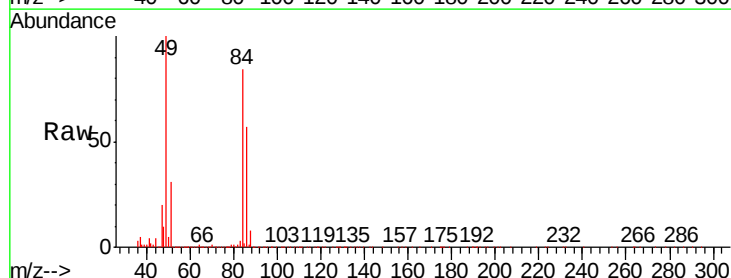
Ion Ratio Lower Upper

84 100

49 118.2 91.8 137.6

51 36.4 28.5 42.7

86 67.1 50.2 75.2

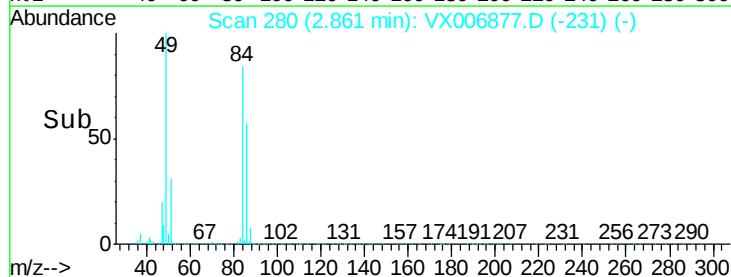
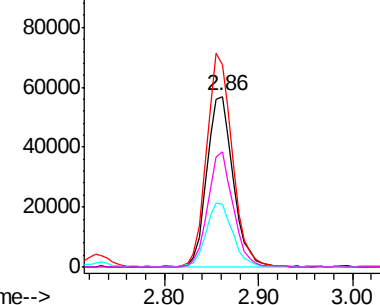


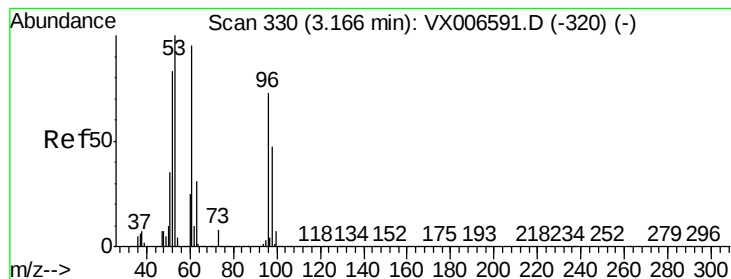
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 18.260 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX0102WBSD01

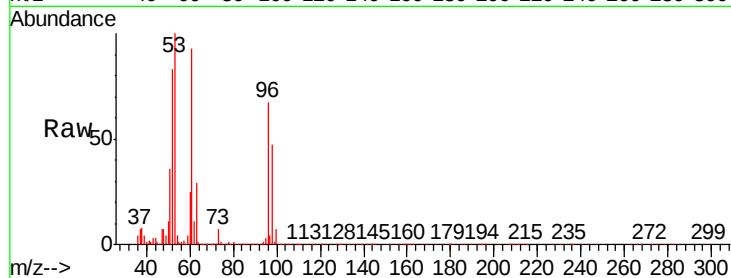
Tgt Ion: 96 Resp: 99528

Ion Ratio Lower Upper

96 100

61 139.3 103.7 155.5

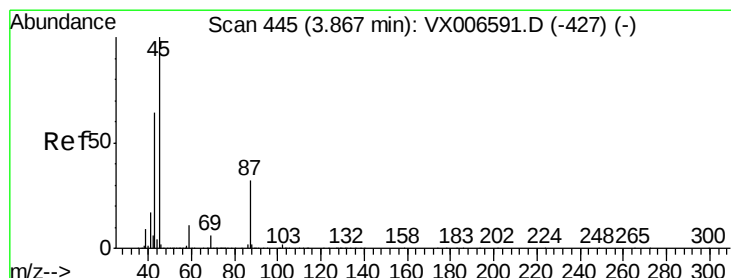
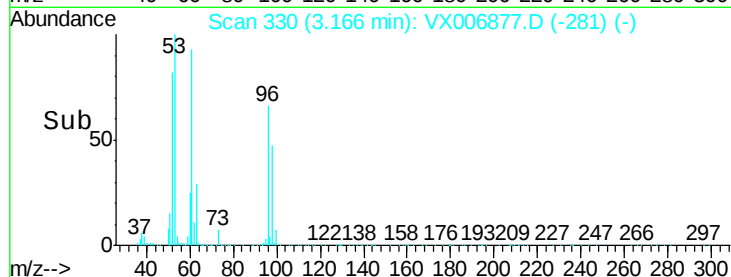
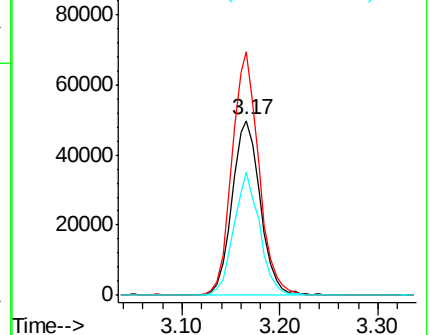
98 70.8 51.0 76.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 21.102 ug/l

RT: 3.87 min Scan# 445

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Tgt Ion: 45 Resp: 319653

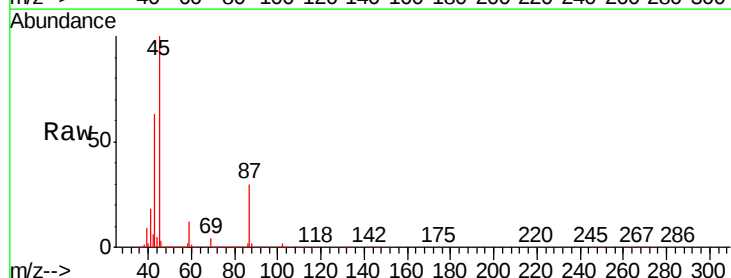
Ion Ratio Lower Upper

45 100

43 62.4 51.2 76.8

87 29.8 25.8 38.6

59 11.5 9.0 13.4

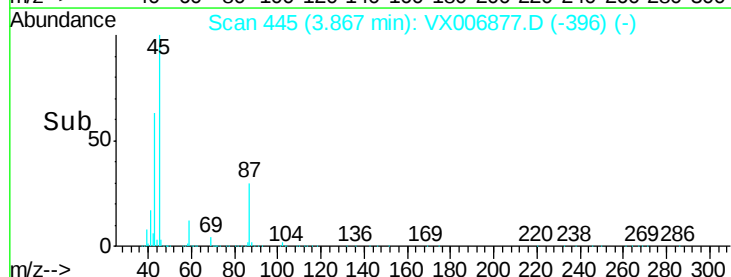
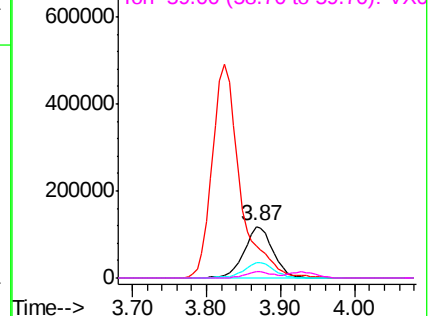


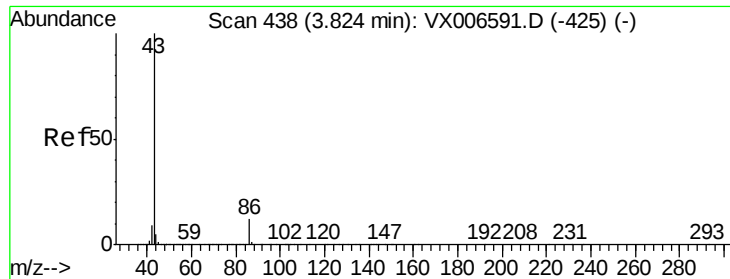
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 102.784 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

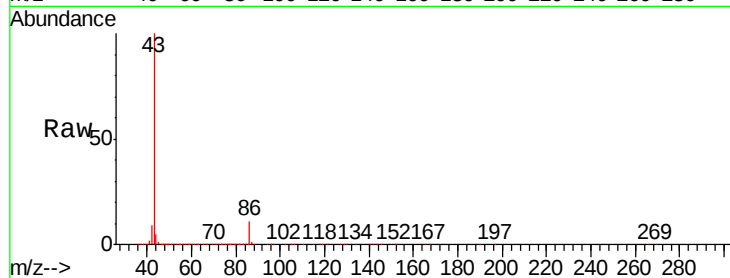
VX0102WBSD01

Tgt Ion: 43 Resp: 1273586

Ion Ratio Lower Upper

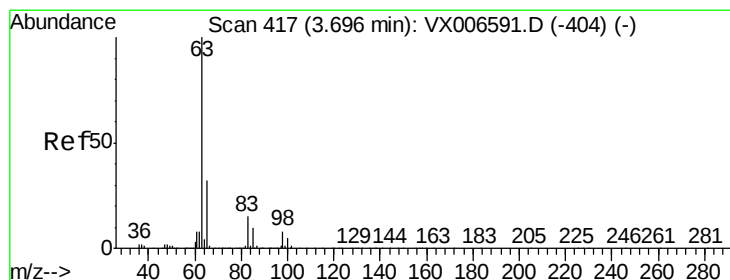
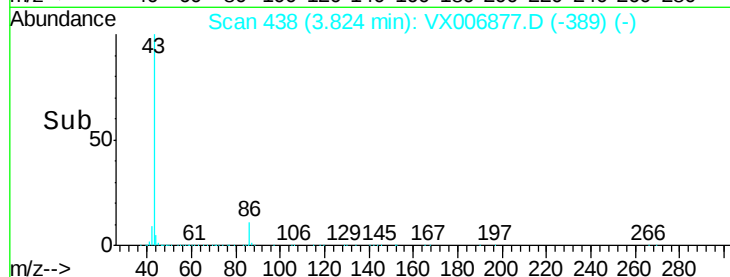
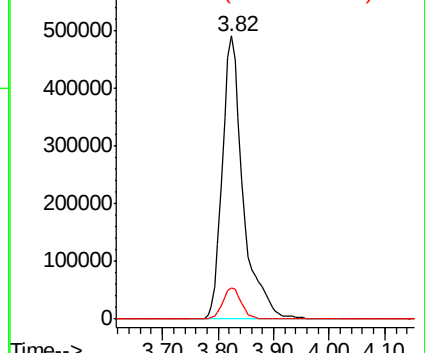
43 100

86 11.0 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.416 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

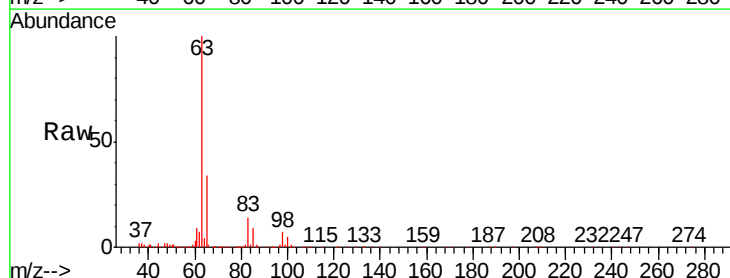
Tgt Ion: 63 Resp: 175577

Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.5

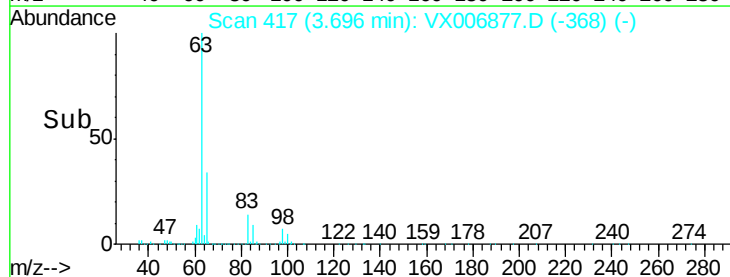
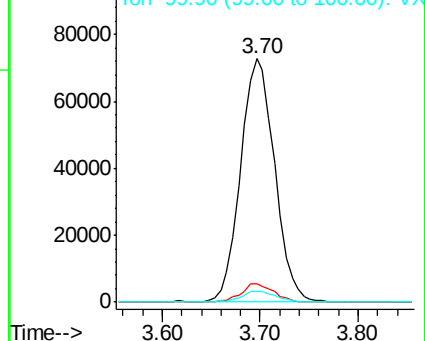
100 4.6 2.4 7.2

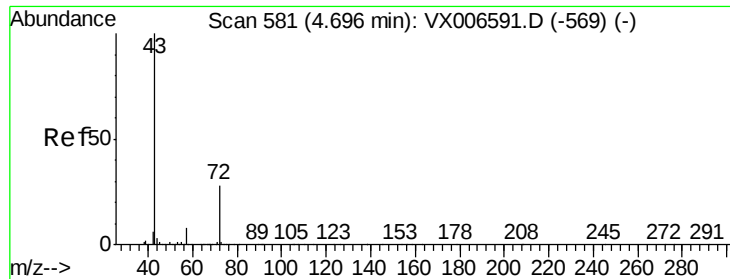


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 99.393 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

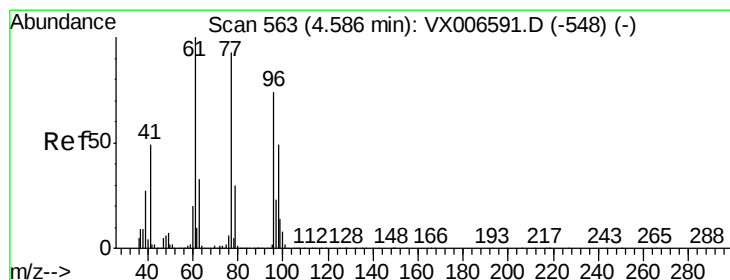
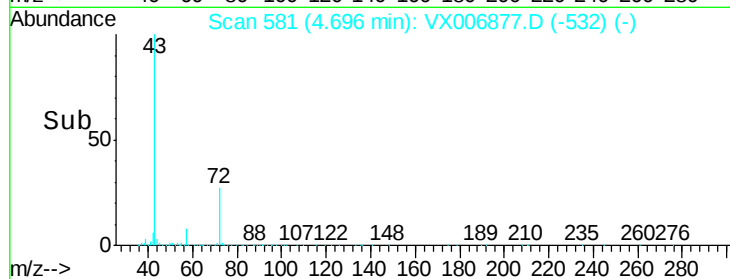
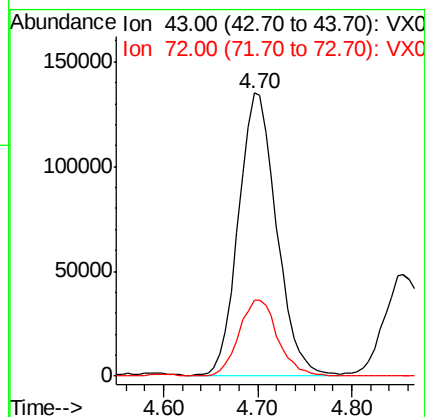
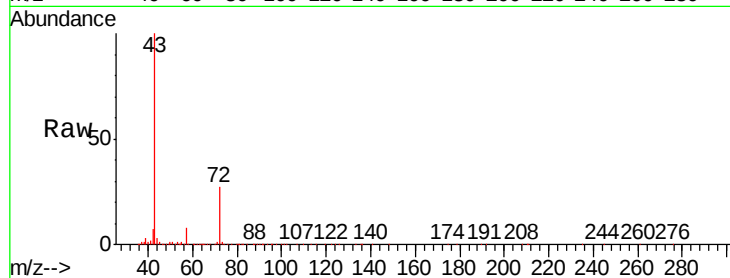
VX0102WBSD01

Tgt Ion: 43 Resp: 381151

Ion Ratio Lower Upper

43 100

72 26.8 22.4 33.6



#26

2,2-Dichloropropane

Concen: 19.438 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006877.D

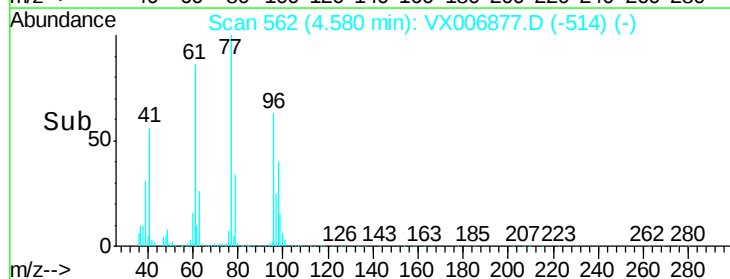
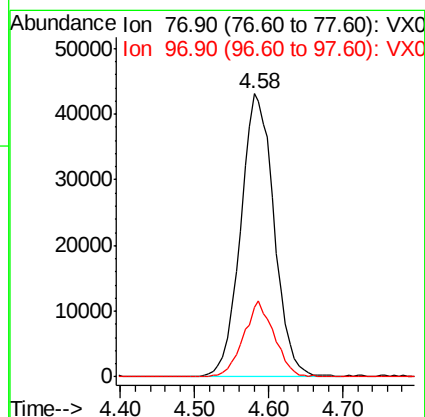
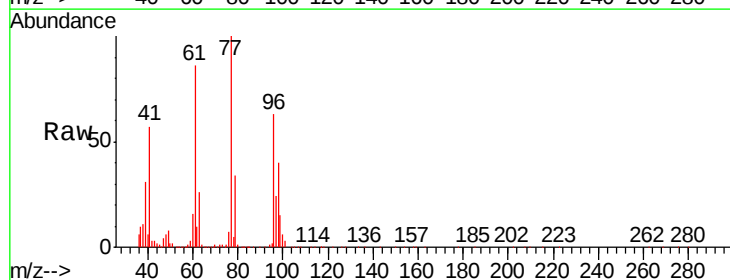
Acq: 02 Jan 2019 13:11

Tgt Ion: 77 Resp: 135779

Ion Ratio Lower Upper

77 100

97 24.7 12.4 37.4



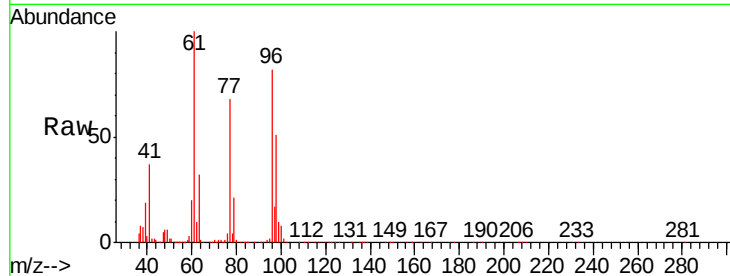


#27

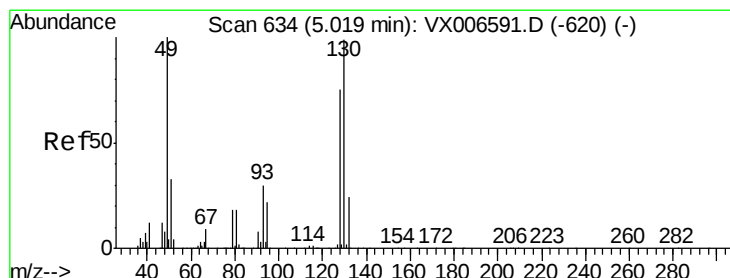
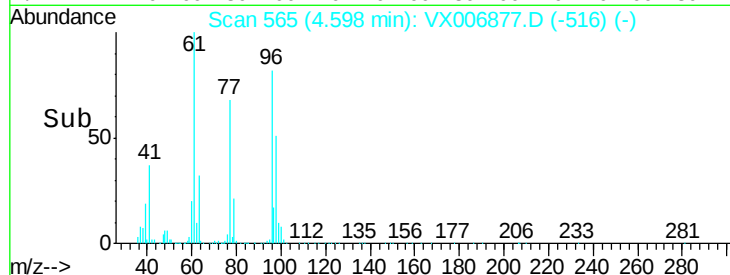
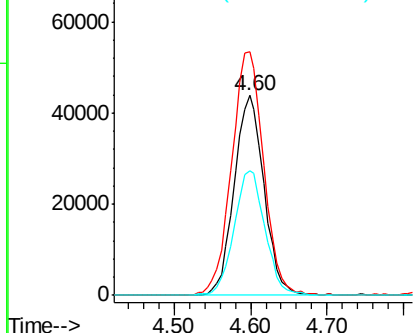
cis-1,2-Dichloroethene
Concen: 19.747 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX0102WBSD01

Tgt Ion: 96 Resp: 118751
Ion Ratio Lower Upper
96 100
61 130.8 0.0 258.6
98 64.4 0.0 132.0



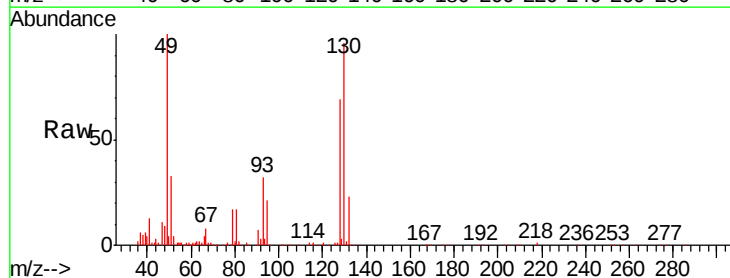
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



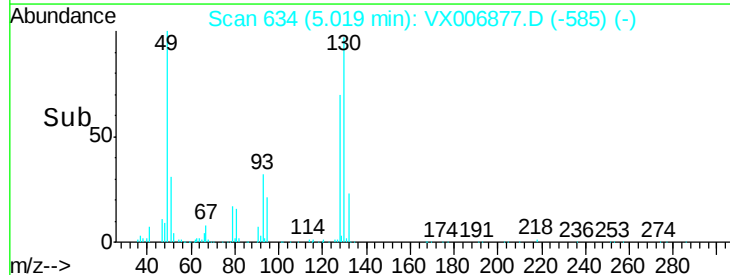
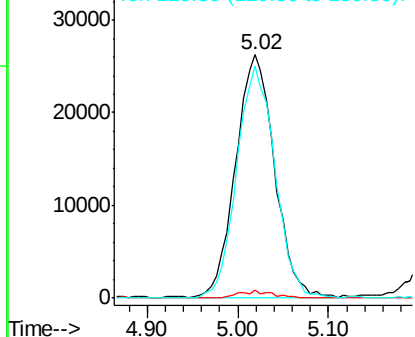
#28

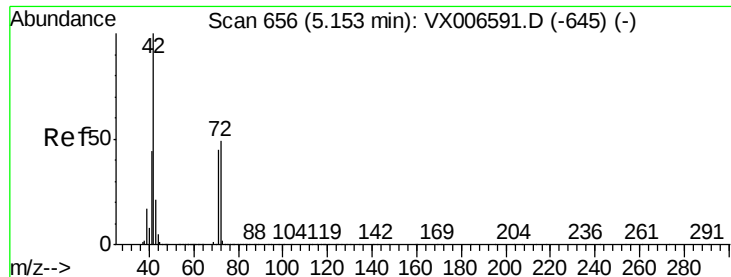
Bromochloromethane
Concen: 19.396 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Tgt Ion: 49 Resp: 78263
Ion Ratio Lower Upper
49 100
129 2.7 0.0 5.4
130 93.8 77.7 116.5



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

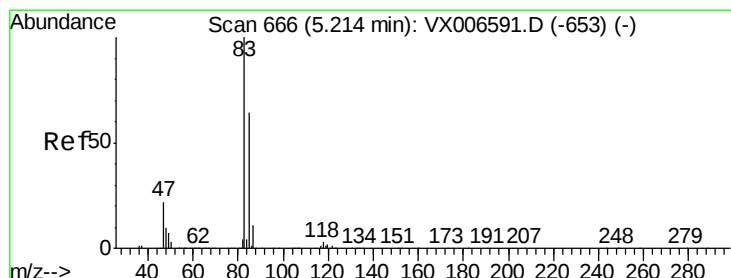
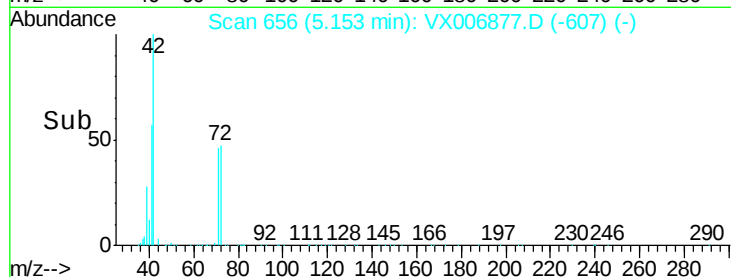
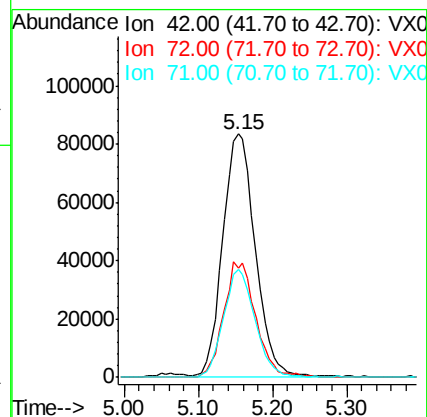
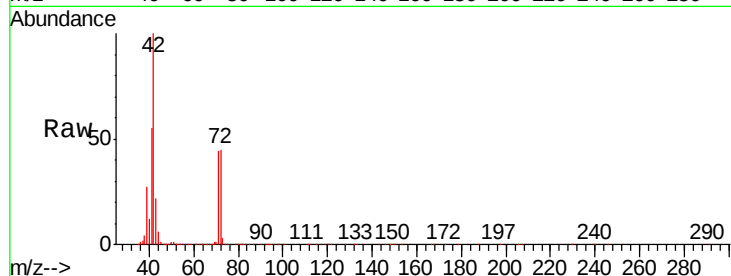




#29
Tetrahydrofuran
Concen: 99.966 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

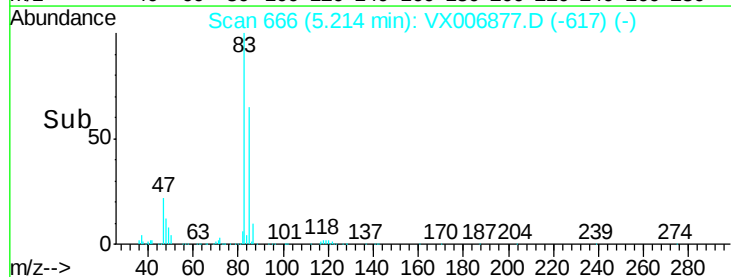
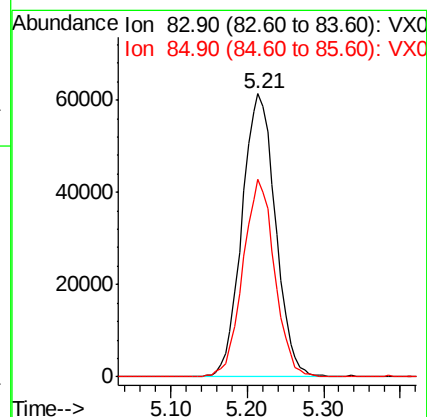
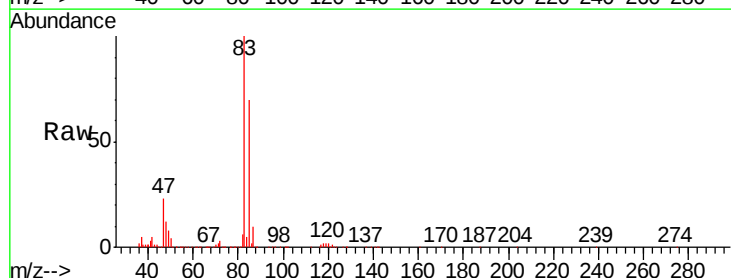
Instrument :
MSVOA_X
ClientSampleId :
VX0102WBSD01

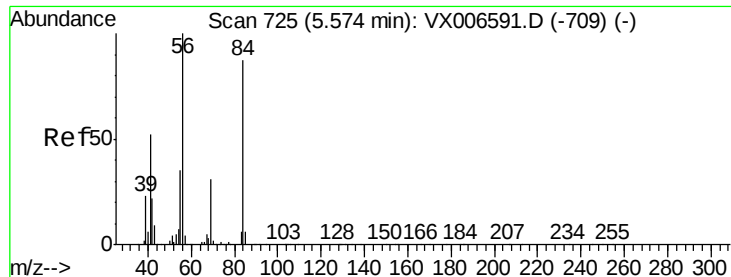
Tgt Ion: 42 Resp: 252486
Ion Ratio Lower Upper
42 100
72 47.5 38.9 58.3
71 42.7 36.2 54.4



#30
Chloroform
Concen: 19.938 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Tgt Ion: 83 Resp: 186703
Ion Ratio Lower Upper
83 100
85 69.6 51.2 76.8

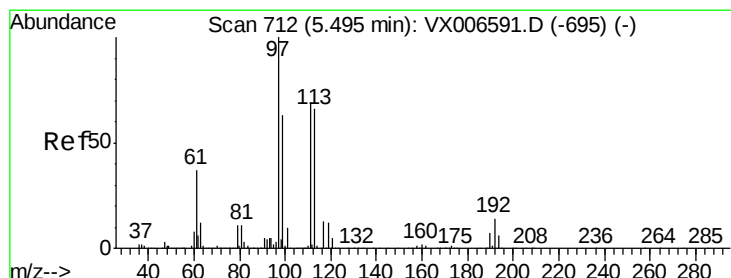
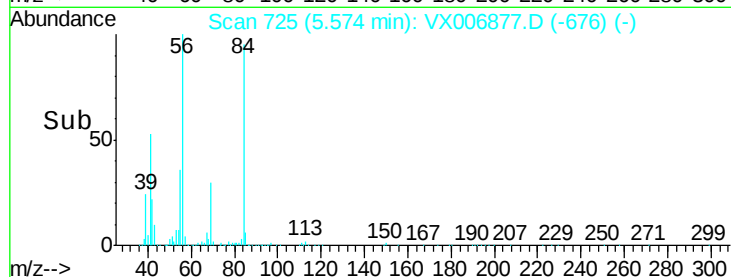
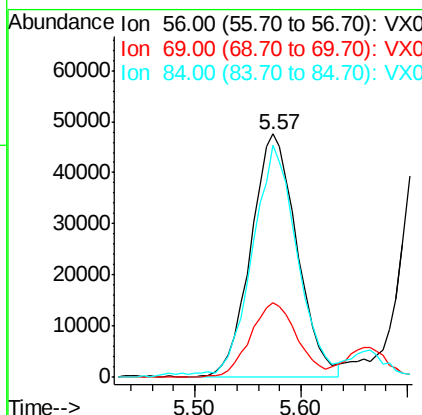
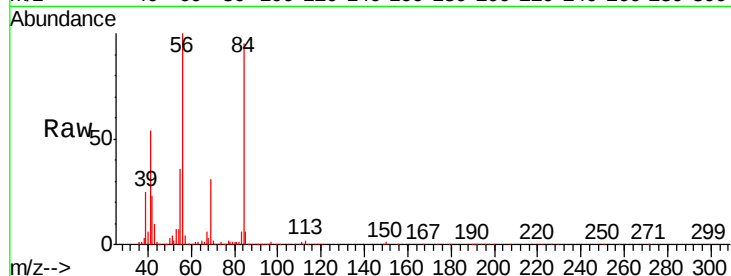




#31
Cyclohexane
Concen: 17.396 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

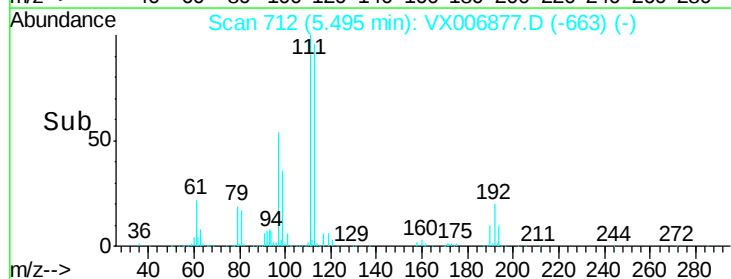
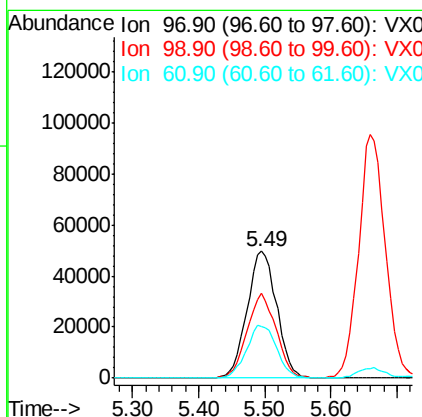
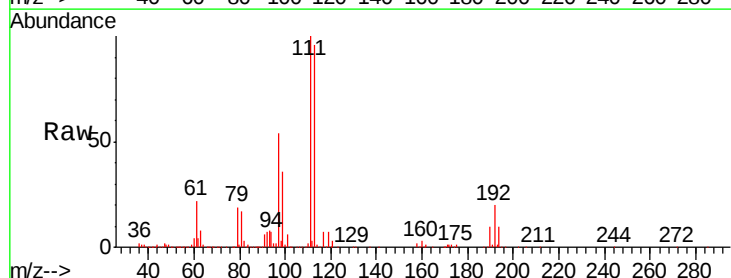
Instrument :
MSVOA_X
ClientSampleId :
VX0102WBSD01

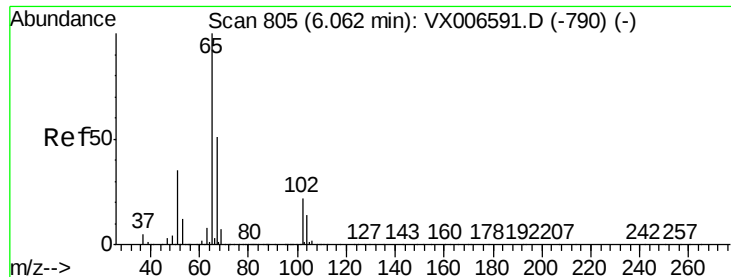
Tgt Ion: 56 Resp: 142911
Ion Ratio Lower Upper
56 100
69 30.4 24.4 36.6
84 94.0 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 19.712 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Tgt Ion: 97 Resp: 155867
Ion Ratio Lower Upper
97 100
99 65.0 51.7 77.5
61 41.6 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 50.203 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

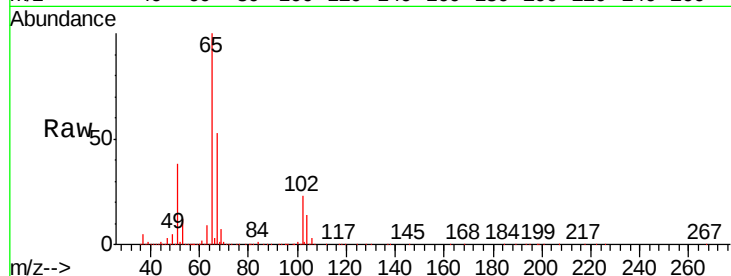
VX0102WBSD01

Tgt Ion: 65 Resp: 297903

Ion Ratio Lower Upper

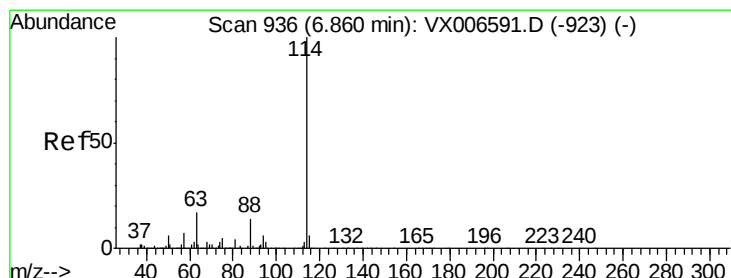
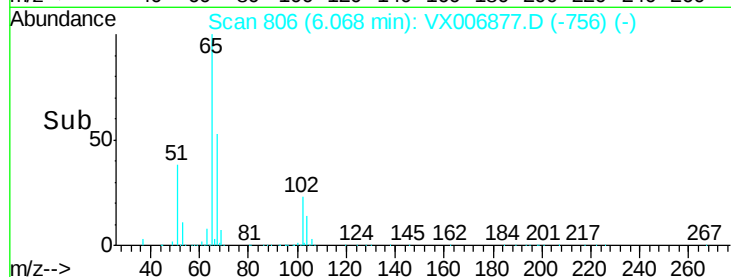
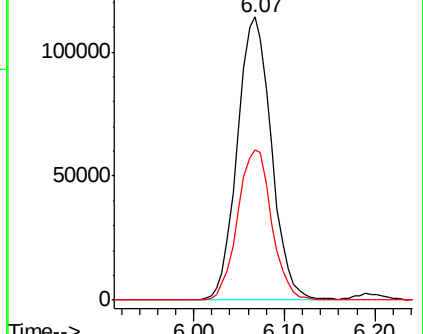
65 100

67 53.1 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

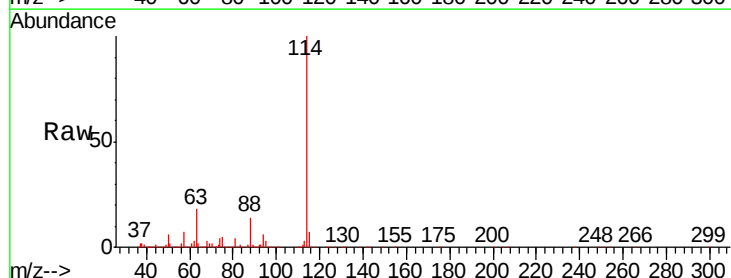
Tgt Ion: 114 Resp: 809099

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.8

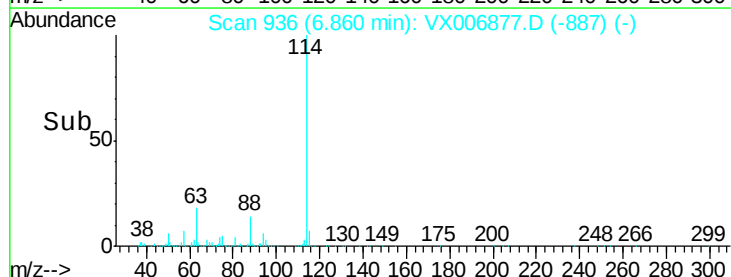
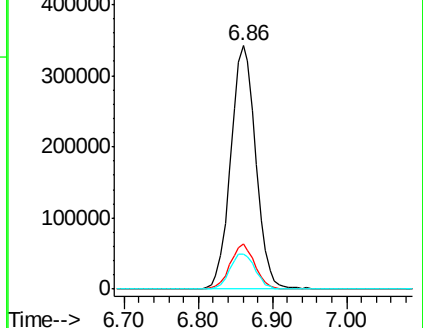
88 14.2 0.0 28.8

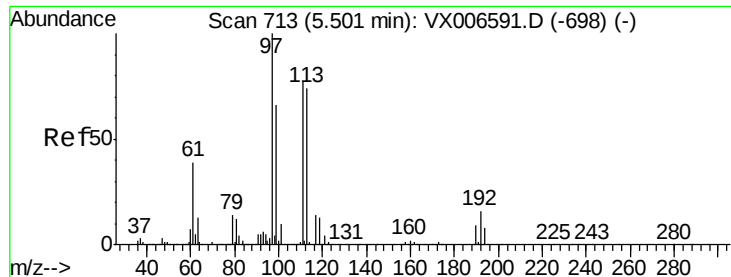


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.856 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampled :

VX0102WBSD01

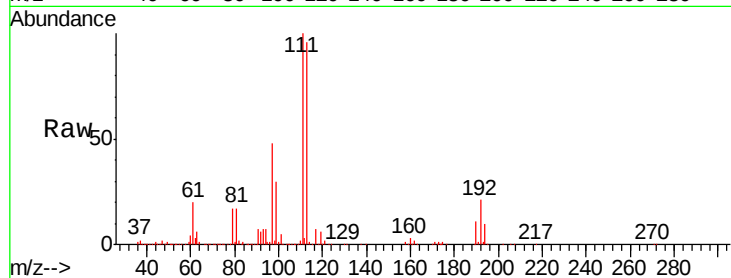
Tgt Ion:113 Resp: 270445

Ion Ratio Lower Upper

113 100

111 103.3 81.6 122.4

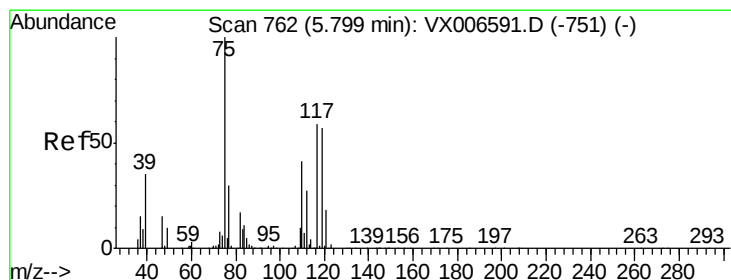
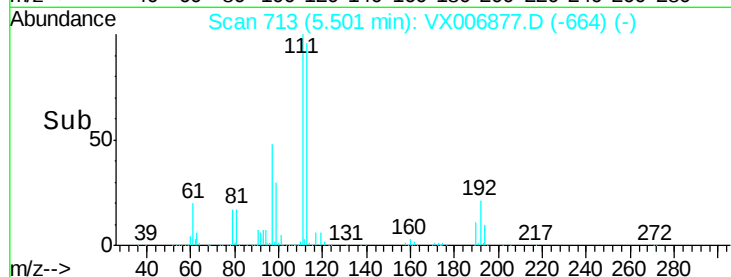
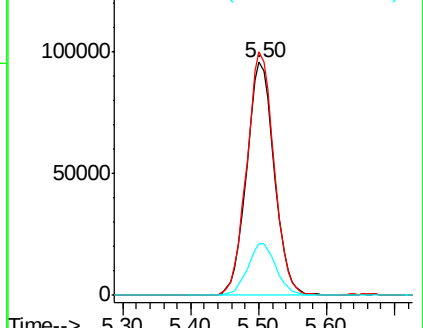
192 22.8 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.049 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

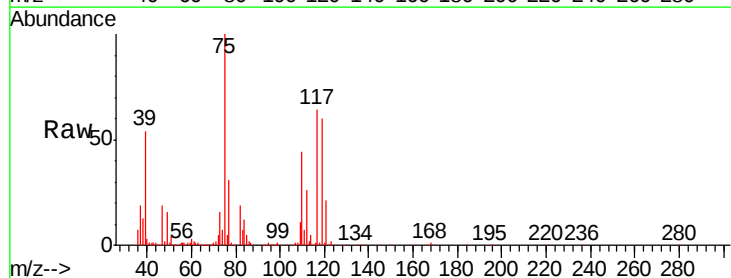
Tgt Ion: 75 Resp: 127649

Ion Ratio Lower Upper

75 100

110 40.7 20.2 60.5

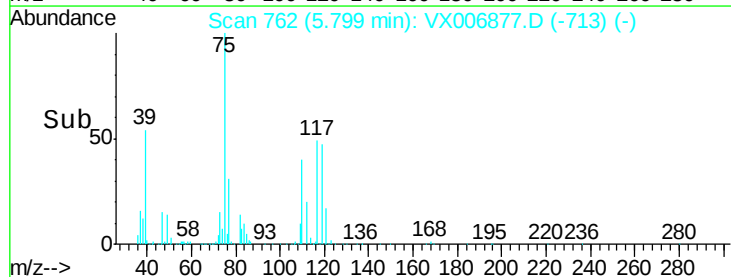
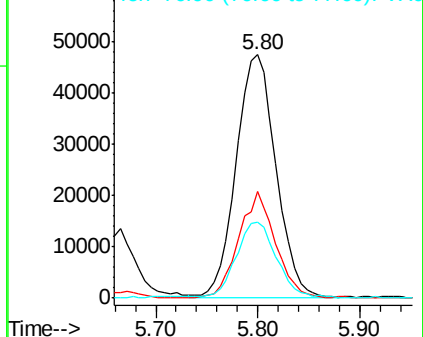
77 31.6 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

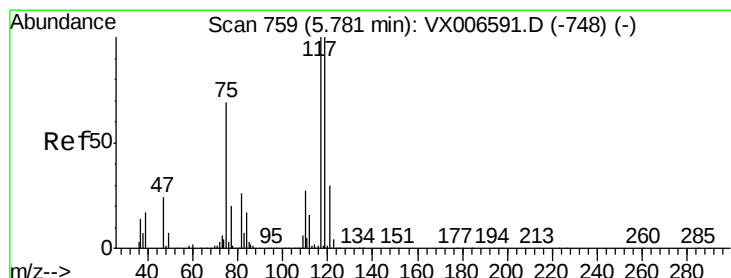
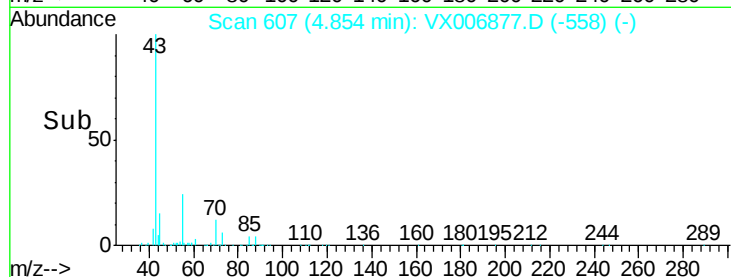
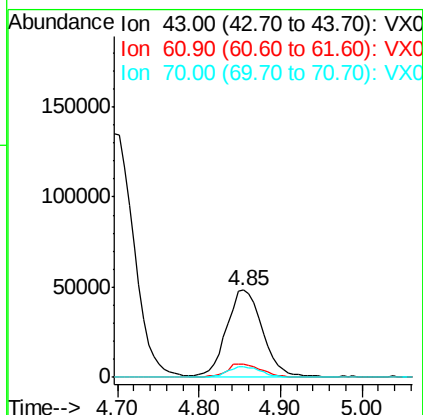
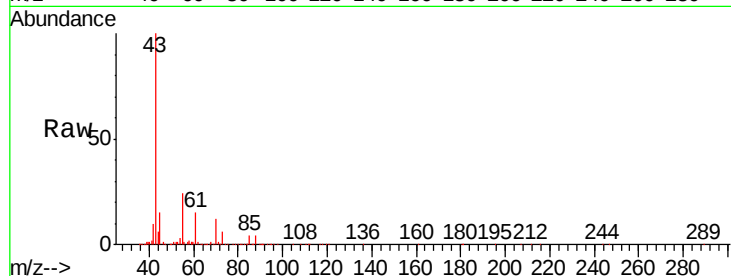




#37
Ethyl Acetate
Concen: 20.866 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

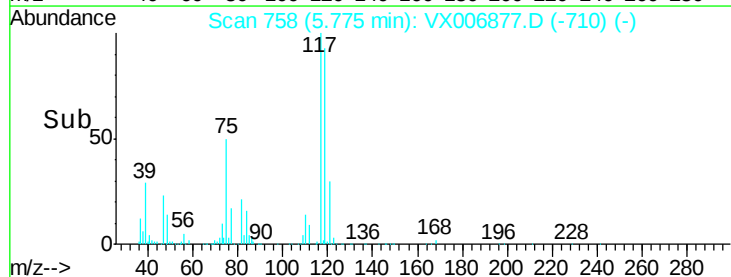
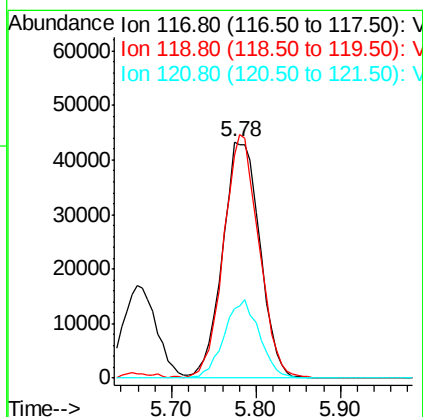
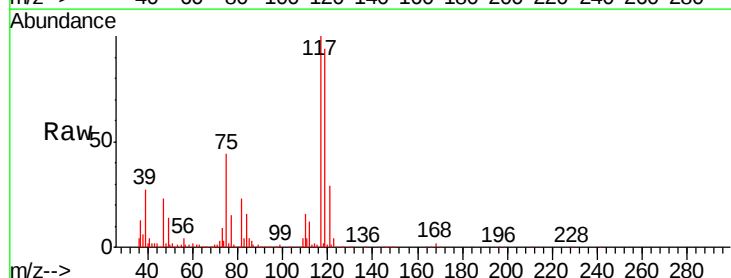
Instrument :
MSVOA_X
ClientSampleId :
VX0102WBSD01

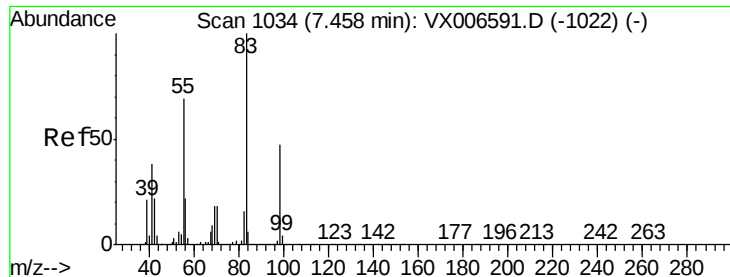
Tgt Ion: 43 Resp: 145538
Ion Ratio Lower Upper
43 100
61 14.8 11.9 17.9
70 11.5 9.7 14.5



#38
Carbon Tetrachloride
Concen: 20.016 ug/l
RT: 5.78 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Tgt Ion: 117 Resp: 130353
Ion Ratio Lower Upper
117 100
119 94.2 79.4 119.2
121 29.2 24.0 36.0

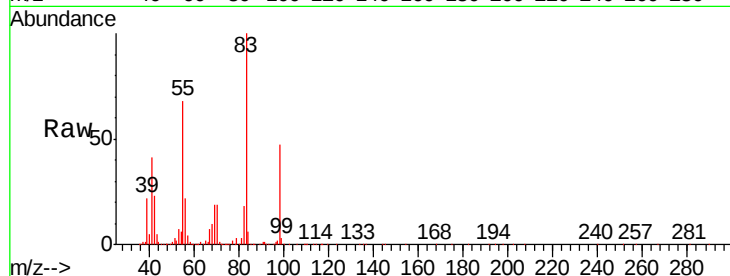




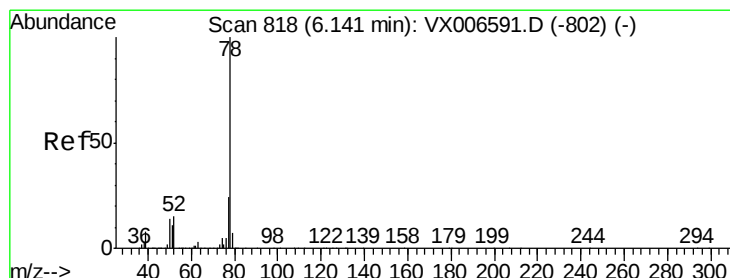
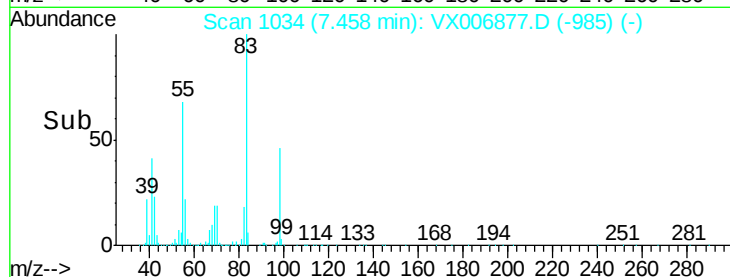
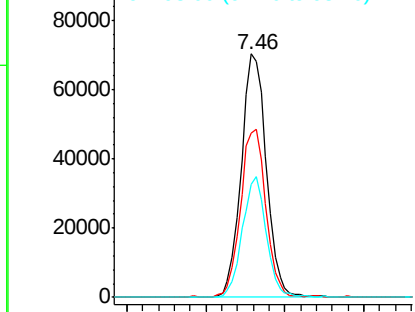
#39
Methylcyclohexane
Concen: 17.783 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX0102WBSD01

Tgt Ion: 83 Resp: 156885
Ion Ratio Lower Upper
83 100
55 67.4 54.9 82.3
98 46.5 37.9 56.9

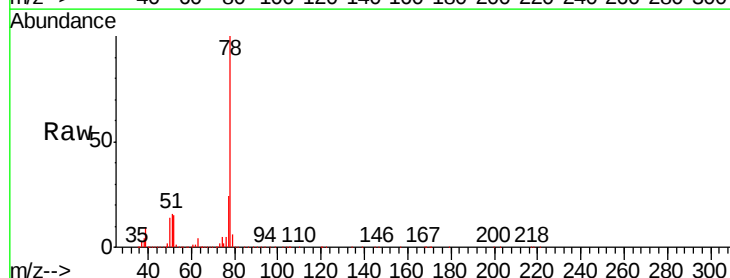


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

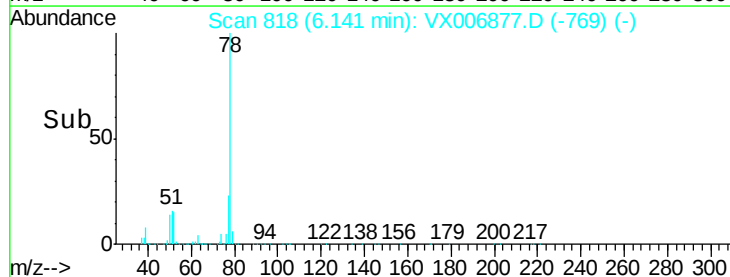
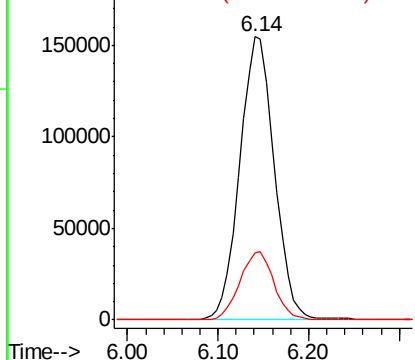


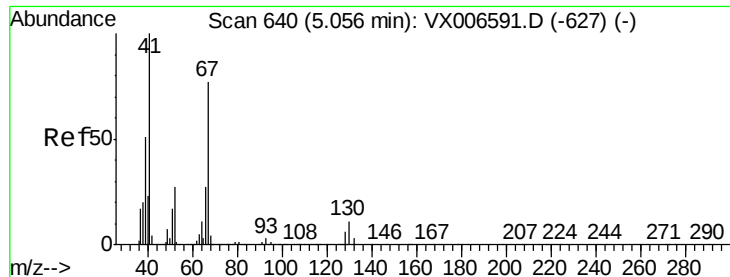
#40
Benzene
Concen: 20.027 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Tgt Ion: 78 Resp: 407948
Ion Ratio Lower Upper
78 100
77 23.6 19.2 28.8



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





#41

Methacrylonitrile

Concen: 21.802 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX0102WBSD01

Tgt Ion: 41 Resp: 80735

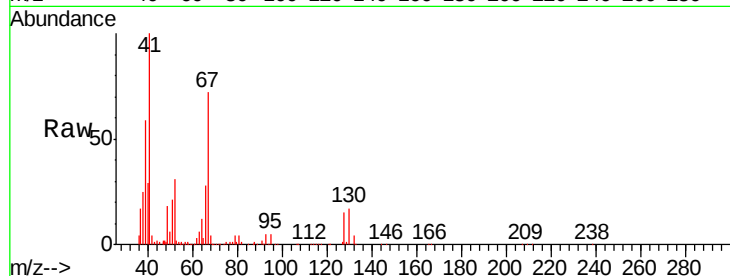
Ion Ratio Lower Upper

41 100

39 56.4 42.8 64.2

67 75.5 62.1 93.1

52 30.5 23.4 35.0

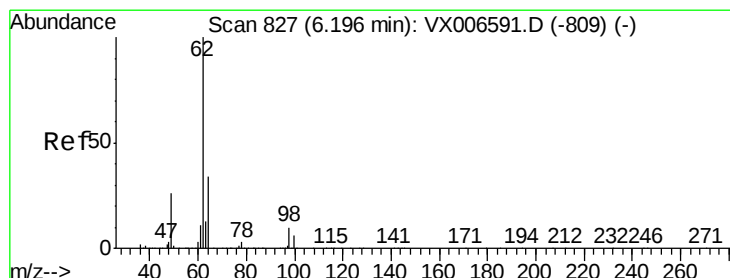
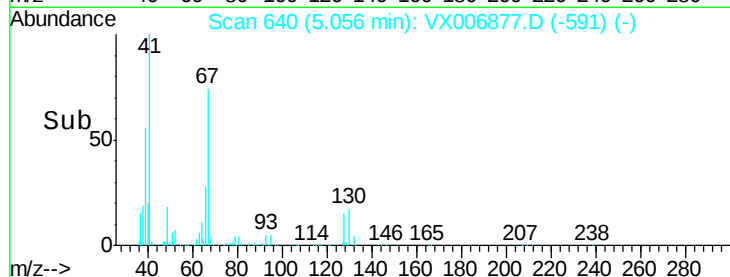
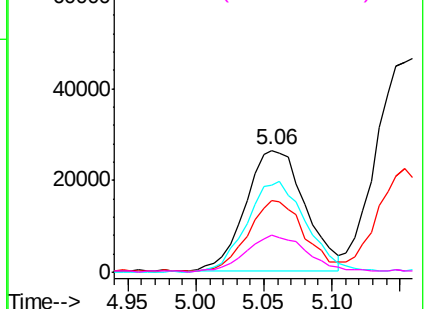


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.226 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX006877.D

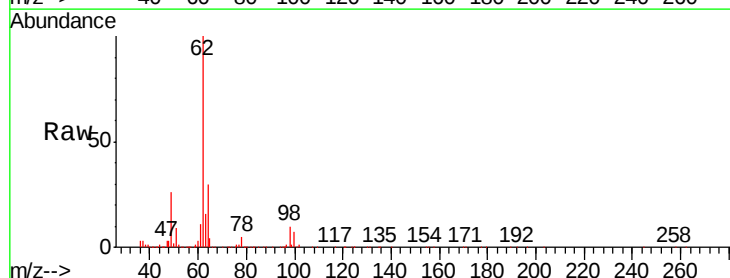
Acq: 02 Jan 2019 13:11

Tgt Ion: 62 Resp: 140388

Ion Ratio Lower Upper

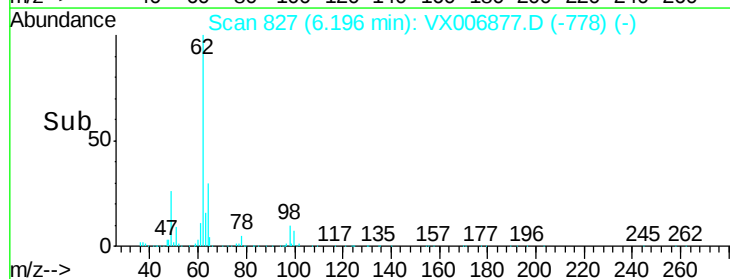
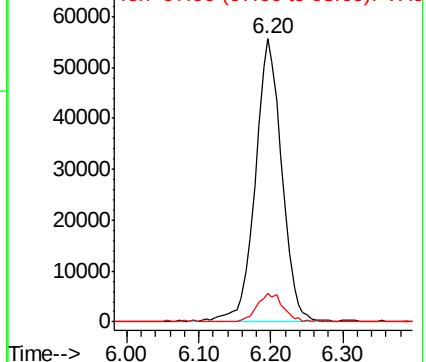
62 100

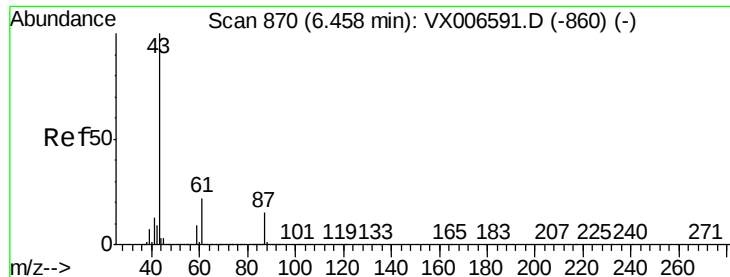
98 10.2 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 22.149 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX0102WBSD01

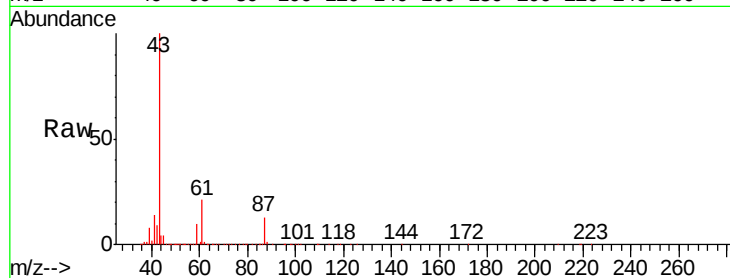
Tgt Ion: 43 Resp: 235055

Ion Ratio Lower Upper

43 100

61 20.2 16.8 25.2

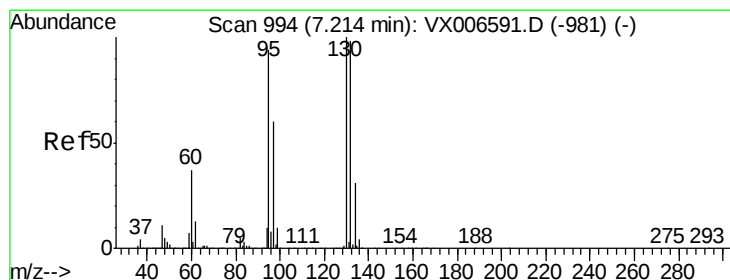
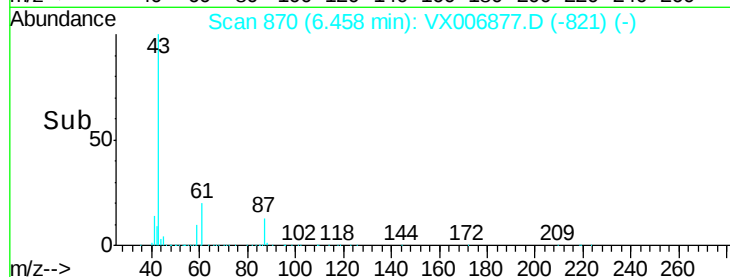
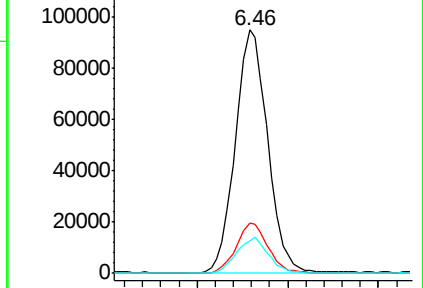
87 14.6 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.164 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006877.D

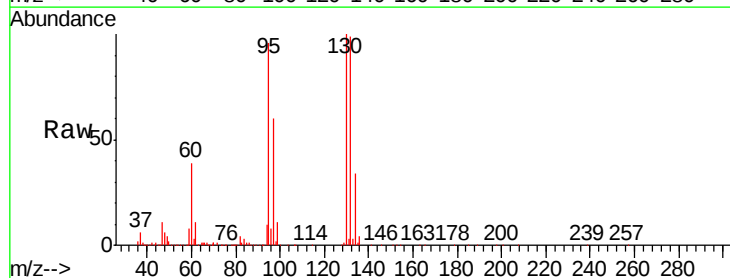
Acq: 02 Jan 2019 13:11

Tgt Ion: 130 Resp: 118150

Ion Ratio Lower Upper

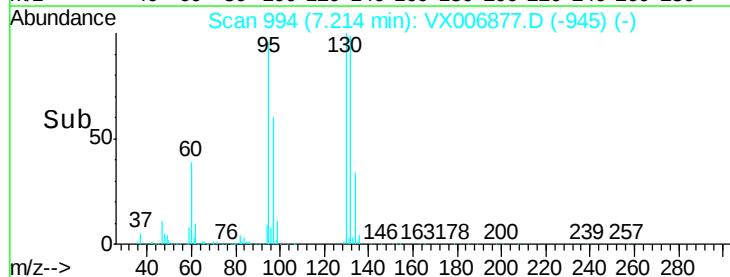
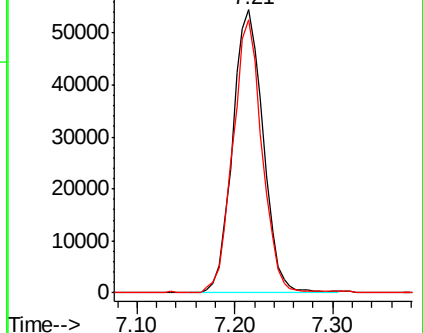
130 100

95 96.3 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 21.001 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

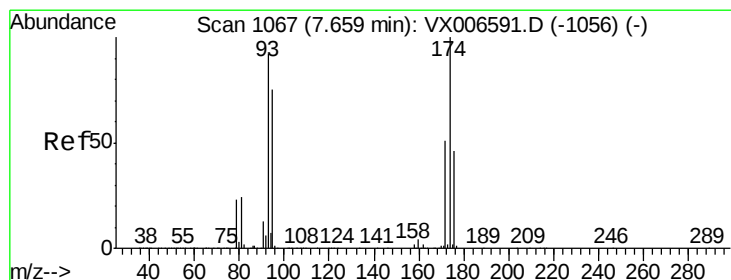
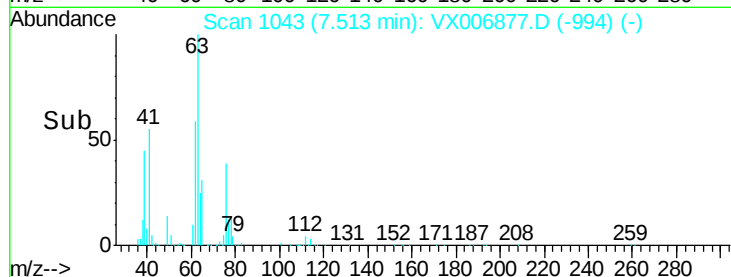
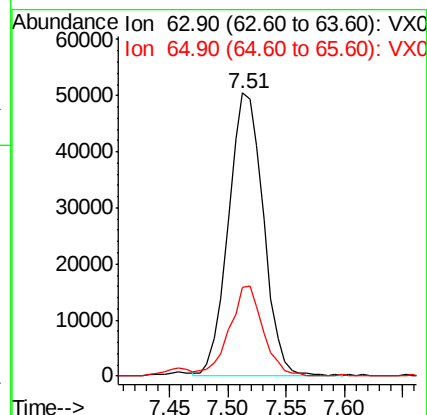
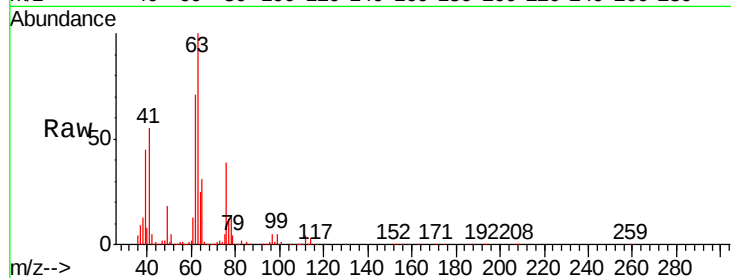
VX0102WBSD01

Tgt Ion: 63 Resp: 104102

Ion Ratio Lower Upper

63 100

65 31.0 25.4 38.0



#46

Dibromomethane

Concen: 20.595 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

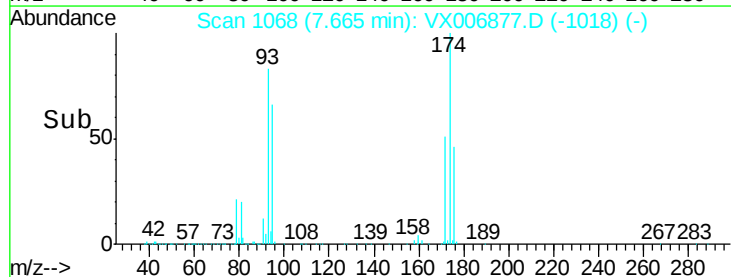
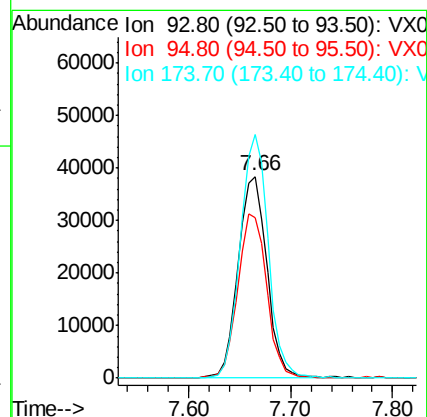
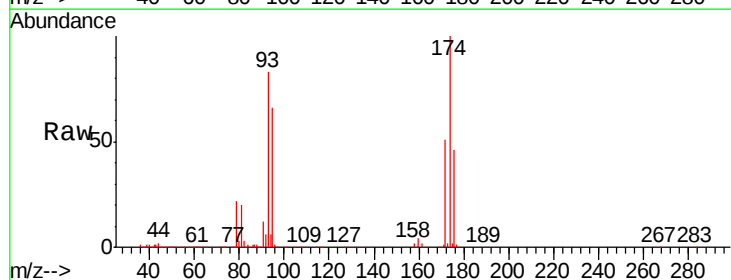
Tgt Ion: 93 Resp: 75092

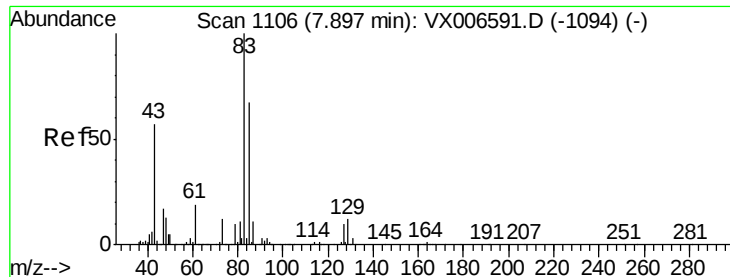
Ion Ratio Lower Upper

93 100

95 81.7 66.2 99.4

174 117.0 91.0 136.4





#47

Bromodichloromethane

Concen: 20.339 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX0102WBSD01

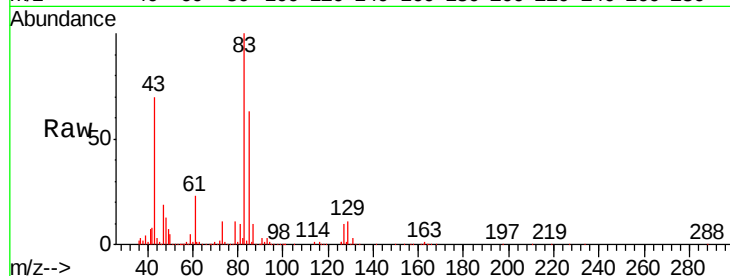
Tgt Ion: 83 Resp: 123117

Ion Ratio Lower Upper

83 100

85 62.3 53.2 79.8

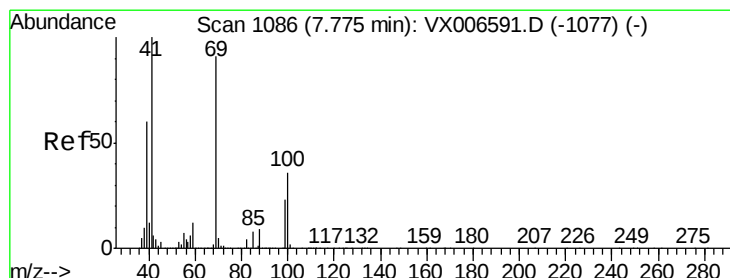
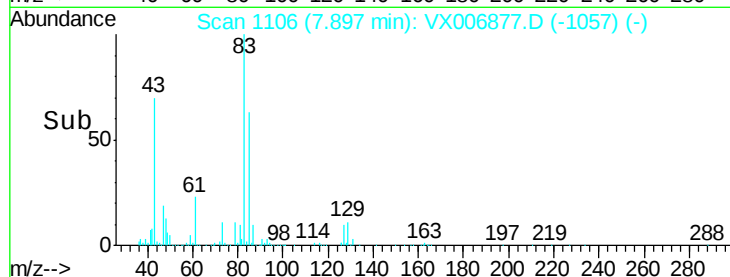
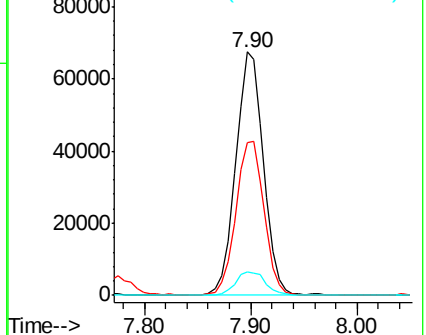
127 9.8 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.943 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

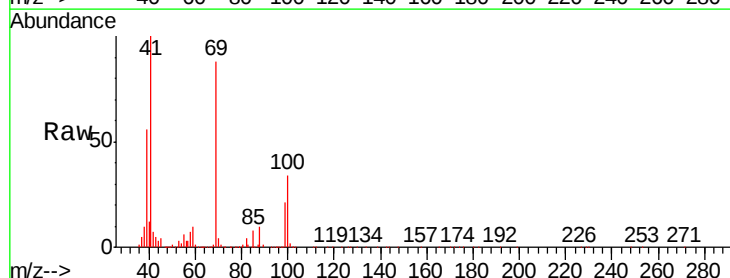
Tgt Ion: 41 Resp: 118422

Ion Ratio Lower Upper

41 100

69 87.4 72.4 108.6

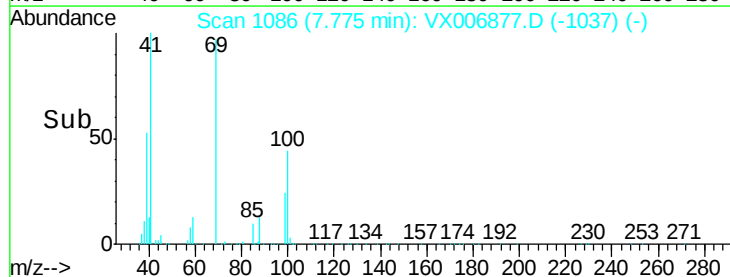
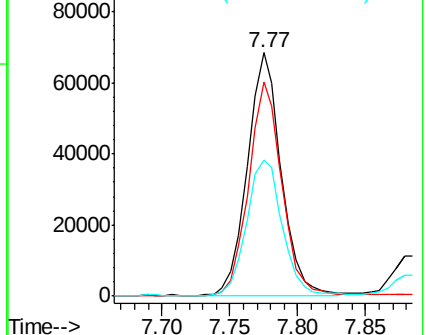
39 60.1 45.8 68.8

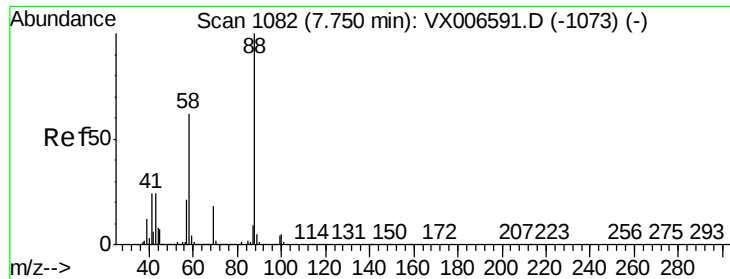


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

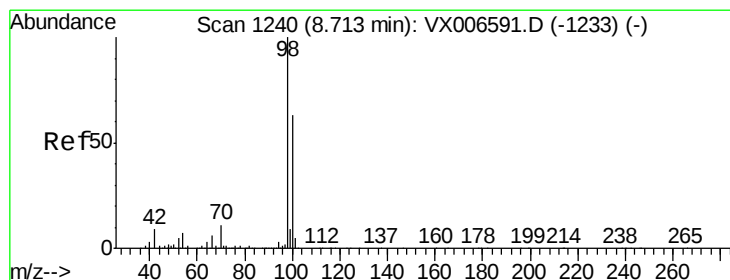
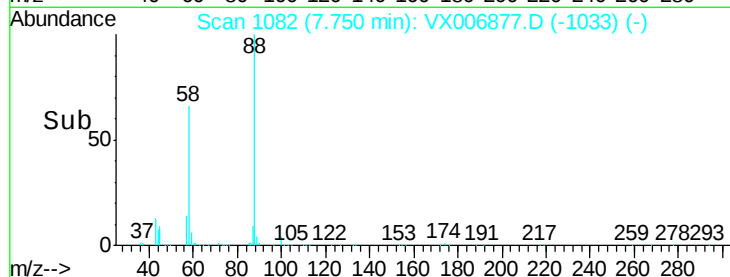
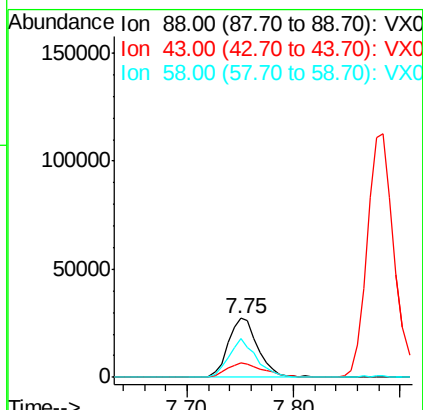
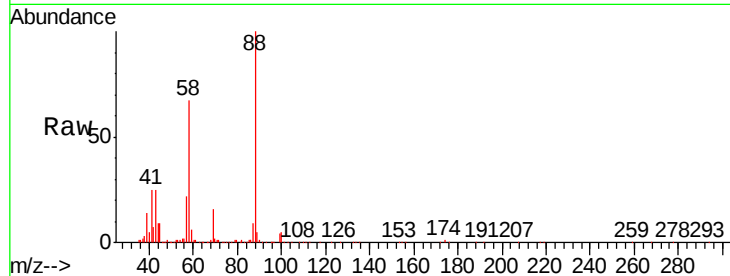




#49
1,4-Dioxane
Concen: 368.460 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

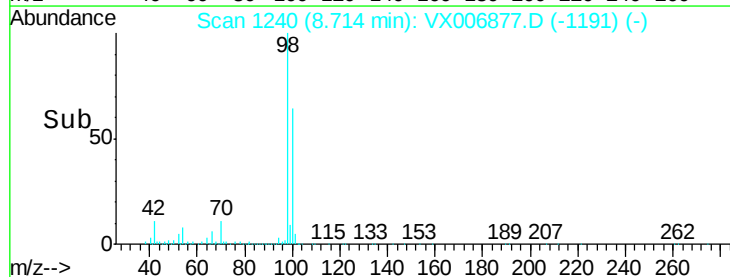
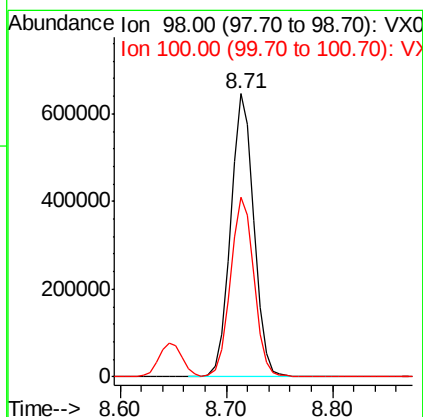
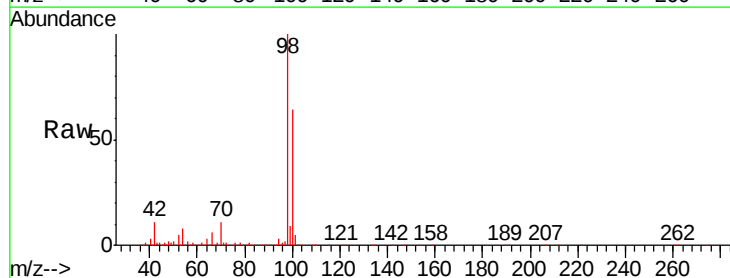
Instrument :
MSVOA_X
ClientSampleId :
VX0102WBSD01

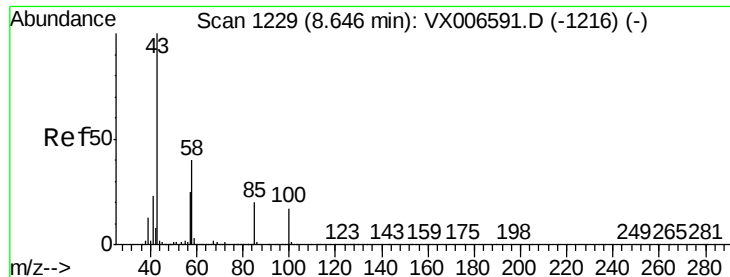
Tgt Ion	Ratio	Lower	Upper
88	100		
43	29.2	22.2	33.4
58	61.6	51.0	76.4



#50
Toluene-d8
Concen: 51.306 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.0	78.0

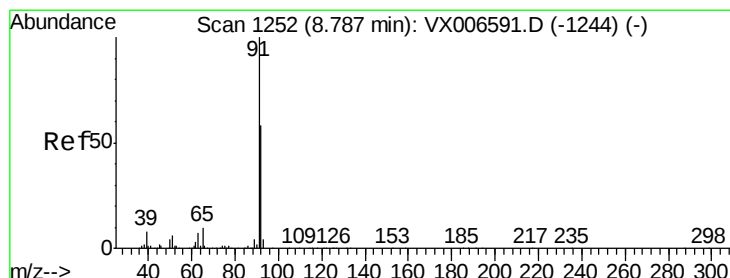
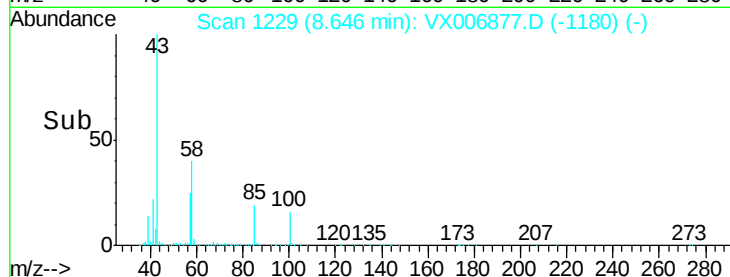
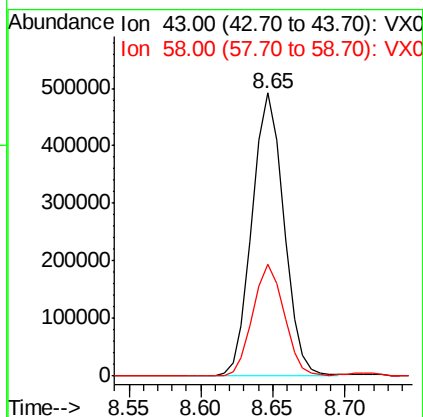
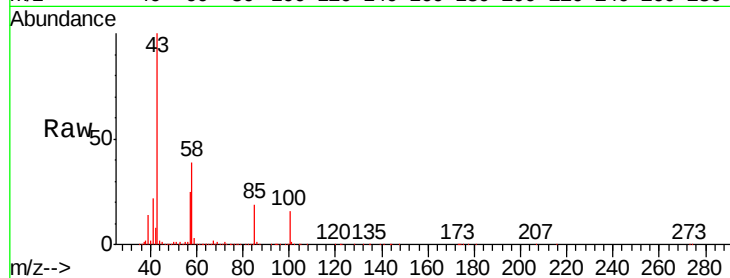




#51
 4-Methyl-2-Pentanone
 Concen: 111.159 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX006877.D
 Acq: 02 Jan 2019 13:11

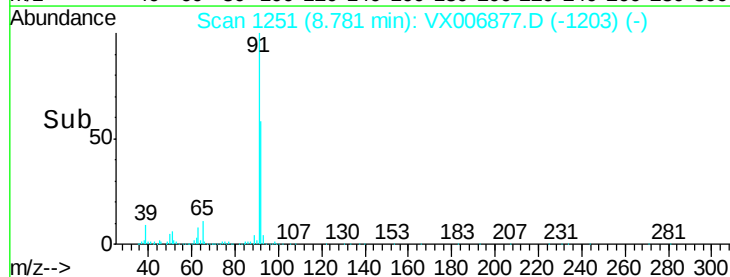
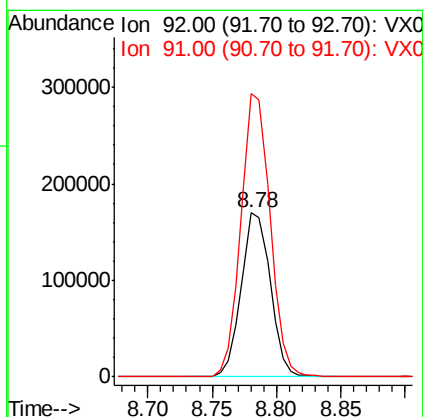
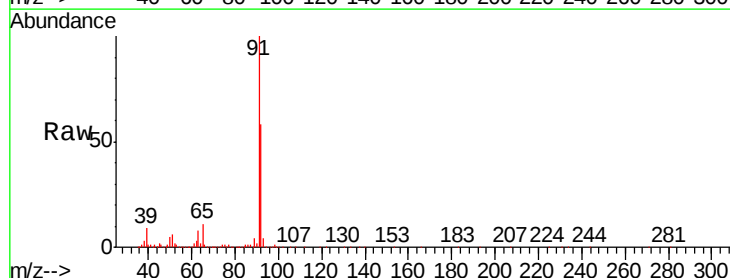
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102WBSD01

Tgt Ion: 43 Resp: 750584
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.8 47.6



#52
 Toluene
 Concen: 20.191 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX006877.D
 Acq: 02 Jan 2019 13:11

Tgt Ion: 92 Resp: 265703
 Ion Ratio Lower Upper
 92 100
 91 174.0 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 21.023 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

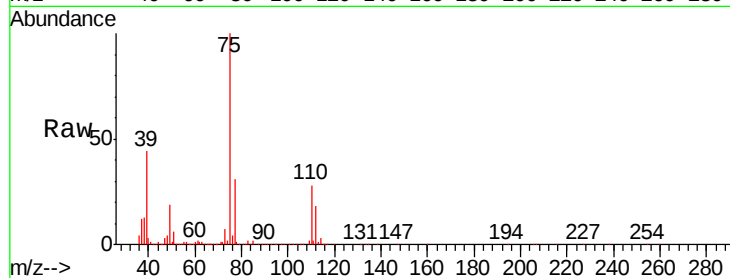
VX0102WBSD01

Tgt Ion: 75 Resp: 136480

Ion Ratio Lower Upper

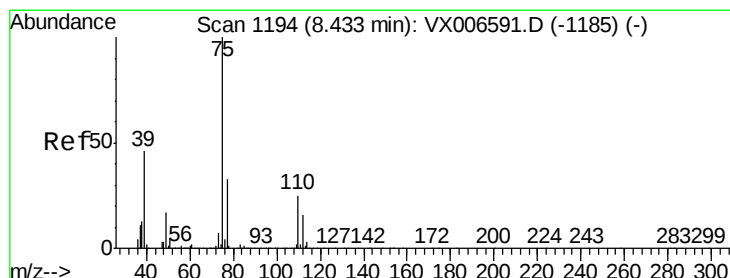
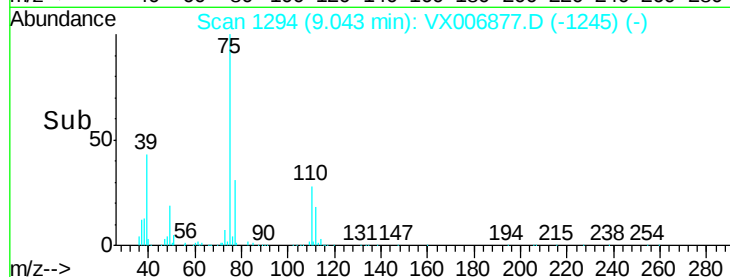
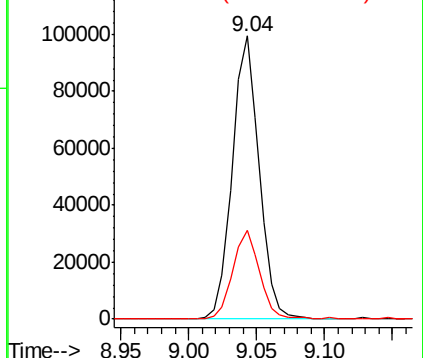
75 100

77 31.1 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 21.612 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

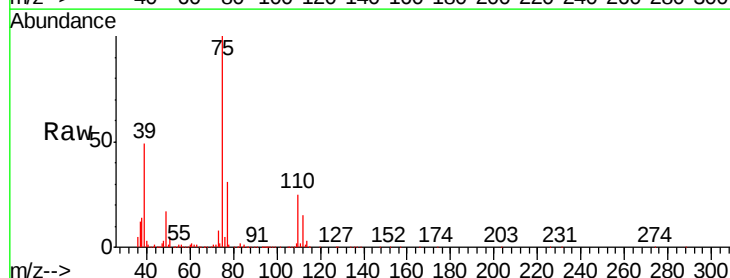
Tgt Ion: 75 Resp: 153953

Ion Ratio Lower Upper

75 100

77 31.0 26.2 39.2

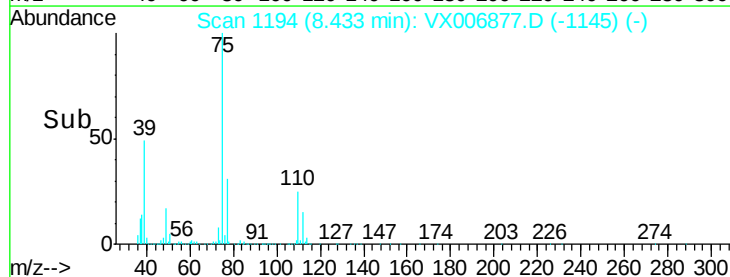
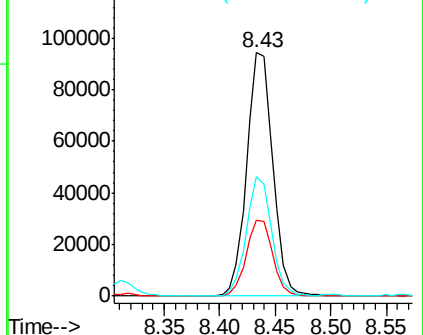
39 48.7 36.7 55.1

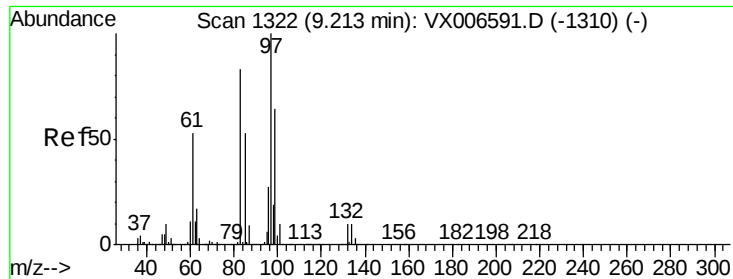


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

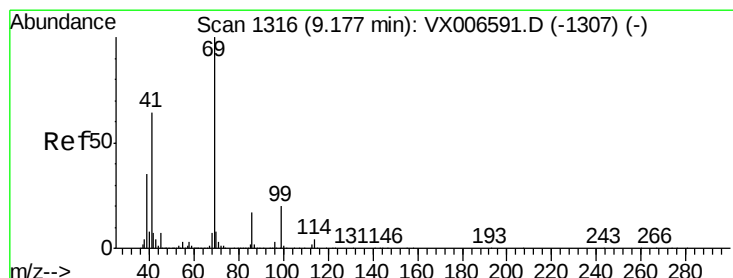
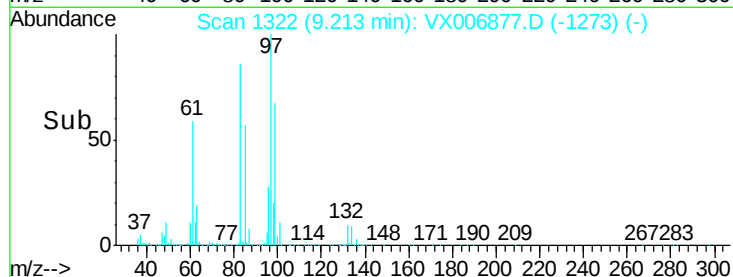
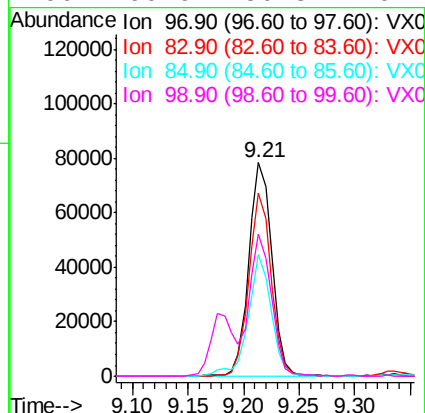
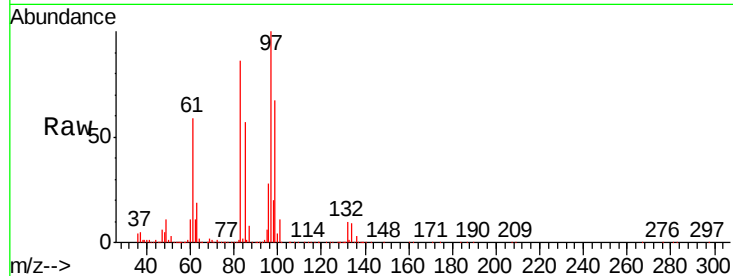




#55
 1,1,2-Trichloroethane
 Concen: 21.118 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006877.D
 Acq: 02 Jan 2019 13:11

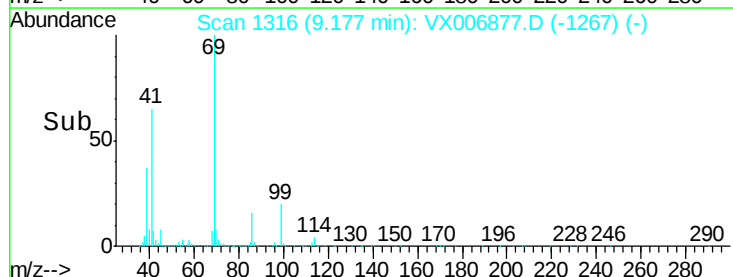
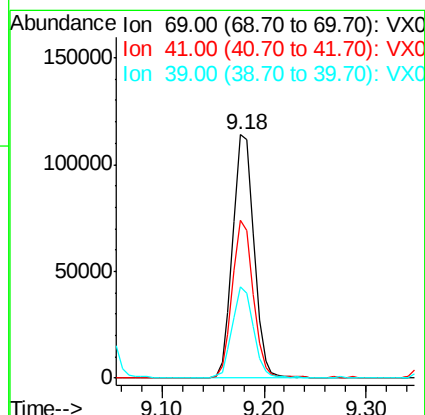
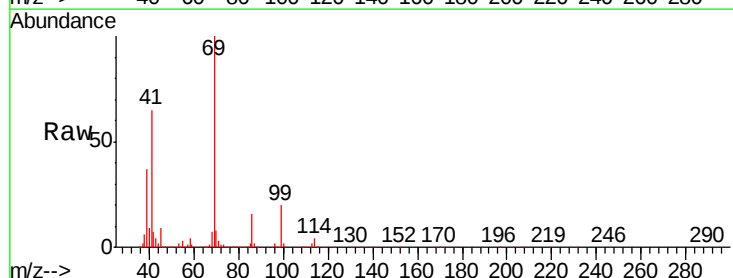
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102WBSD01

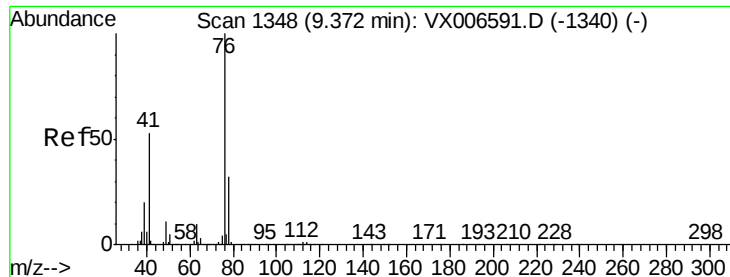
Tgt Ion:	97	Resp:	113752
Ion	Ratio	Lower	Upper
97	100		
83	85.8	66.6	99.8
85	56.9	42.7	64.1
99	66.6	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 21.641 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX006877.D
 Acq: 02 Jan 2019 13:11

Tgt Ion:	69	Resp:	164753
Ion	Ratio	Lower	Upper
69	100		
41	63.4	48.7	73.1
39	36.8	27.0	40.6





#57

1,3-Dichloropropane

Concen: 20.999 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

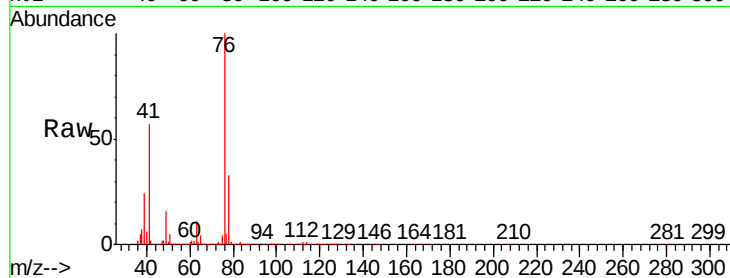
VX0102WBSD01

Tgt Ion: 76 Resp: 181977

Ion Ratio Lower Upper

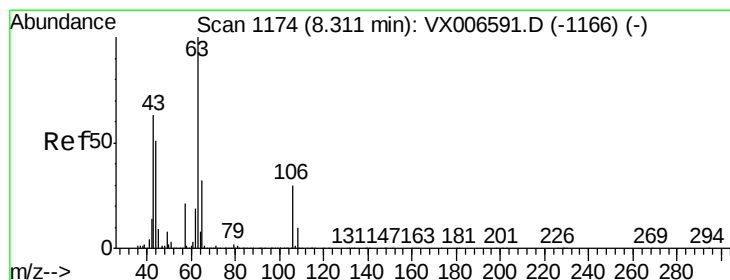
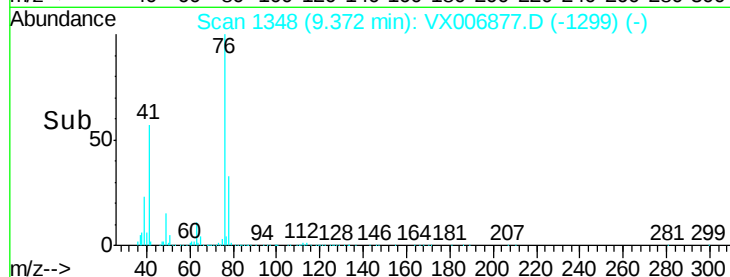
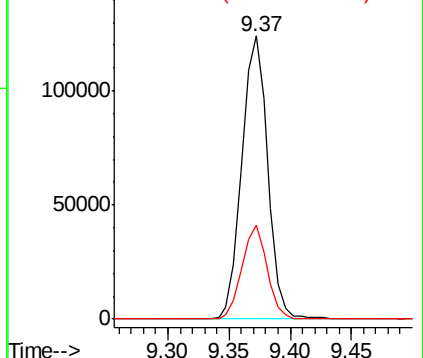
76 100

78 32.3 26.0 39.0



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: 107.726 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006877.D

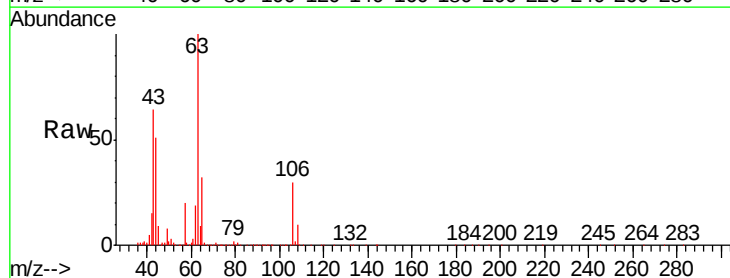
Acq: 02 Jan 2019 13:11

Tgt Ion: 63 Resp: 435949

Ion Ratio Lower Upper

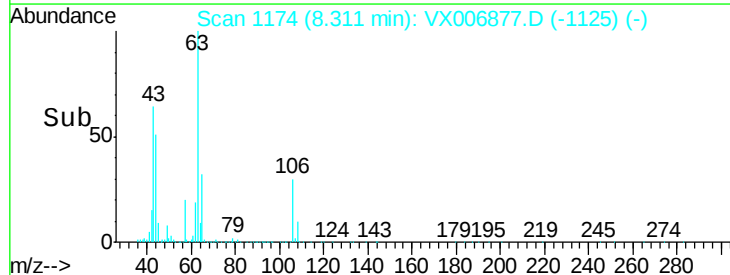
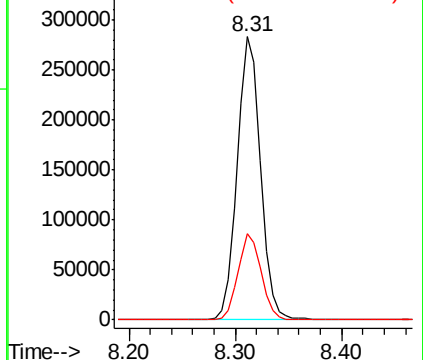
63 100

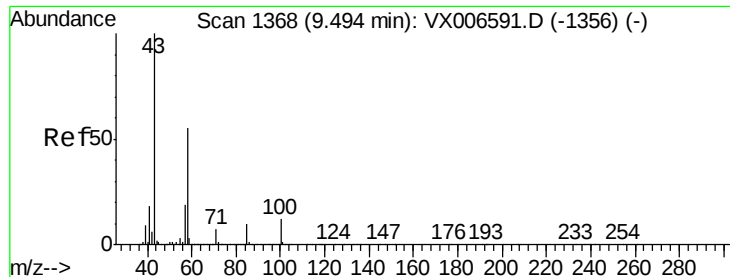
106 30.4 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

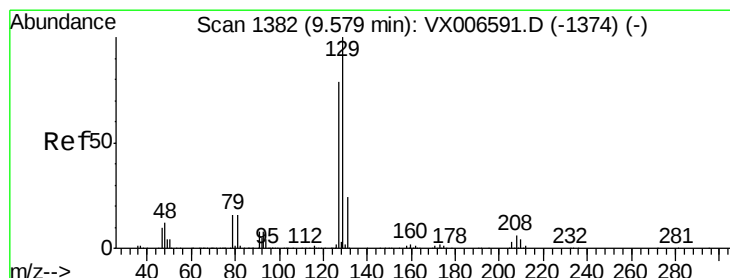
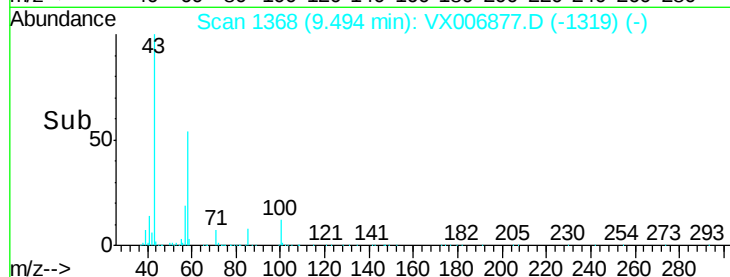
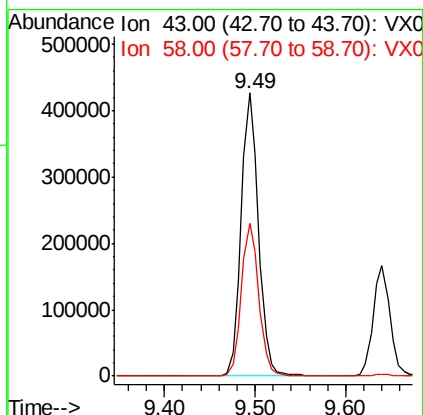
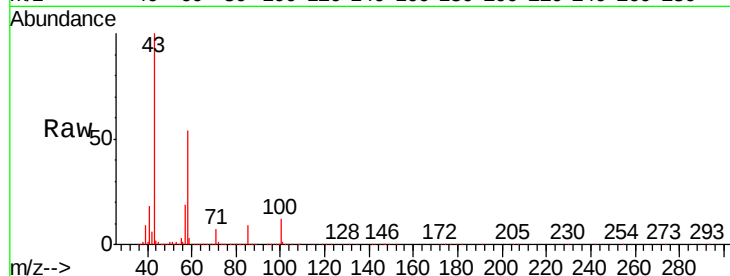




#59
2-Hexanone
Concen: 109.309 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

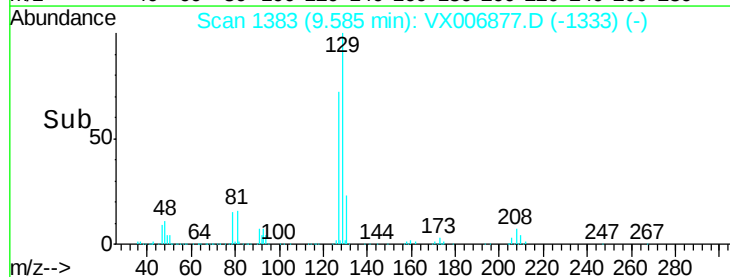
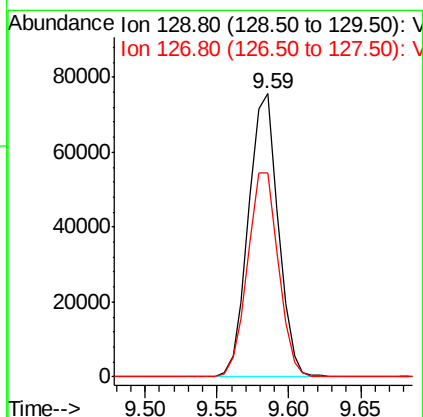
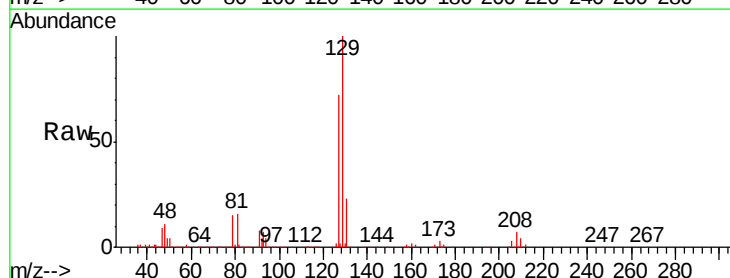
Instrument :
MSVOA_X
ClientSampleId :
VX0102WBSD01

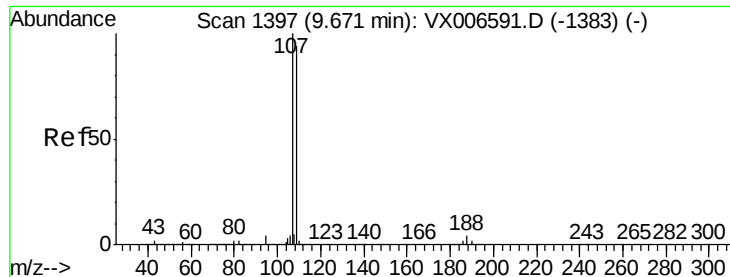
Tgt Ion: 43 Resp: 564724
Ion Ratio Lower Upper
43 100
58 54.6 27.7 83.1



#60
Dibromochloromethane
Concen: 20.577 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Tgt Ion: 129 Resp: 107843
Ion Ratio Lower Upper
129 100
127 75.2 39.3 117.8





#61

1,2-Dibromoethane

Concen: 20.765 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

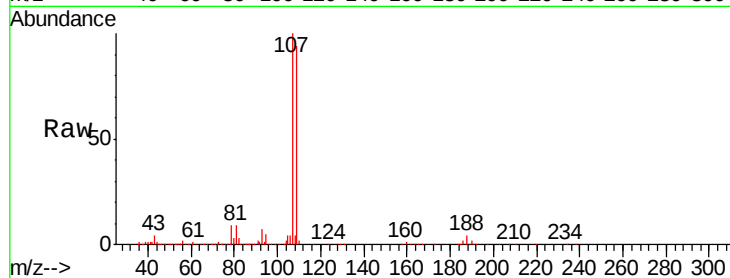
VX0102WBSD01

Tgt Ion: 107 Resp: 118899

Ion Ratio Lower Upper

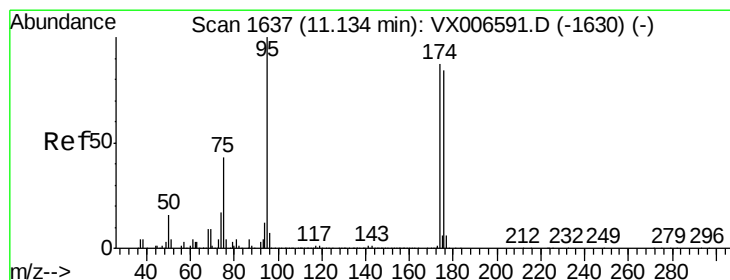
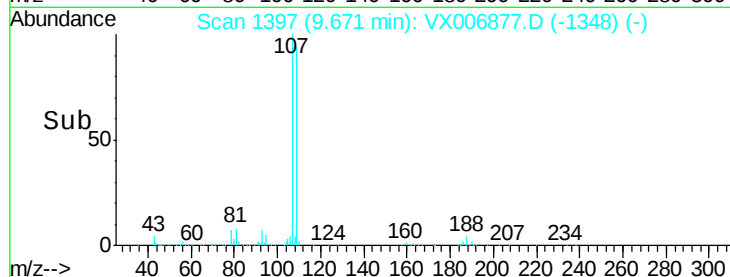
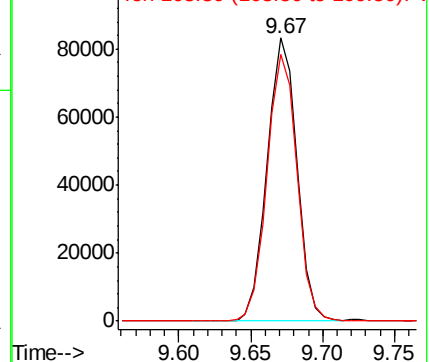
107 100

109 95.0 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.331 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

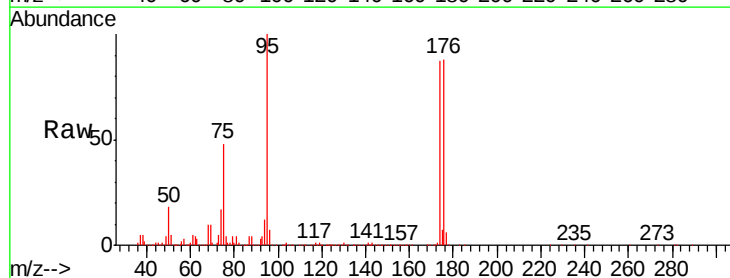
Tgt Ion: 95 Resp: 355571

Ion Ratio Lower Upper

95 100

174 94.0 0.0 182.2

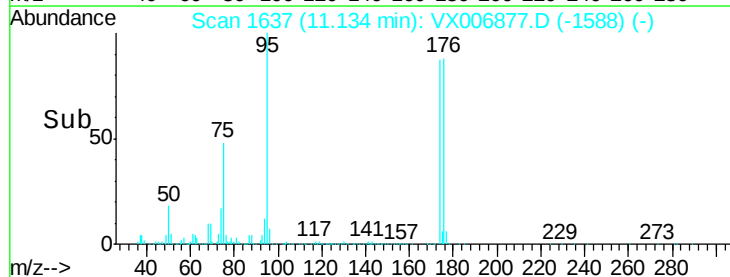
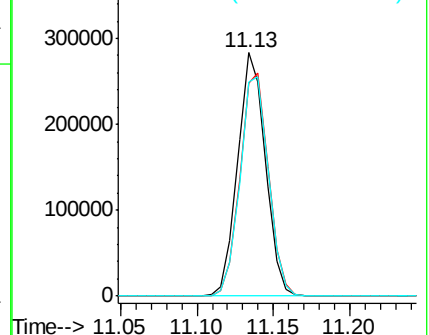
176 92.9 0.0 178.8

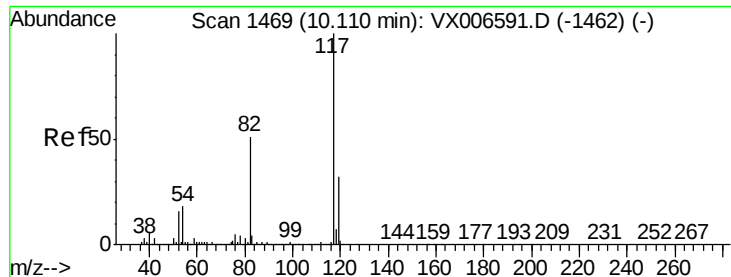


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

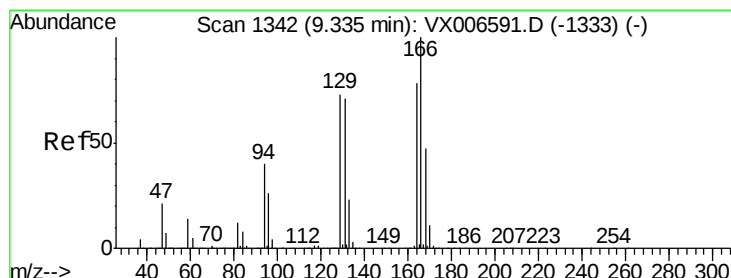
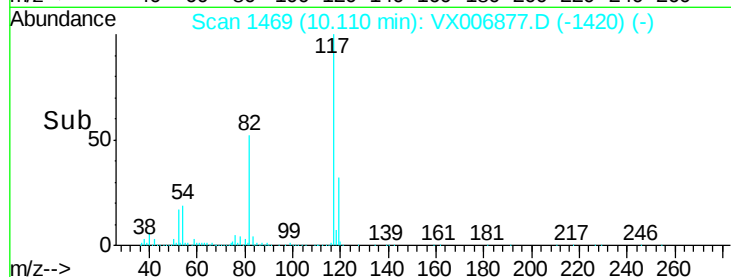
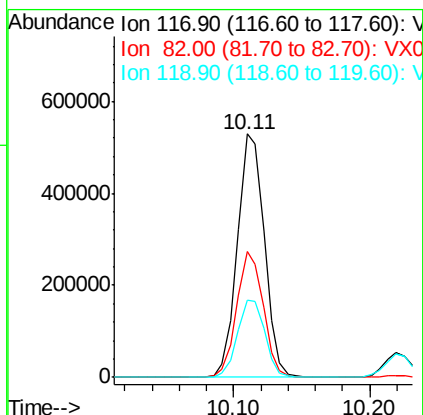
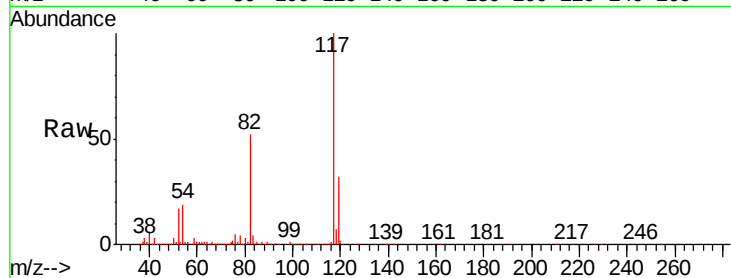




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

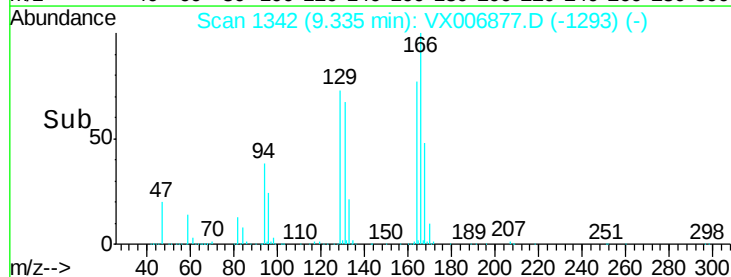
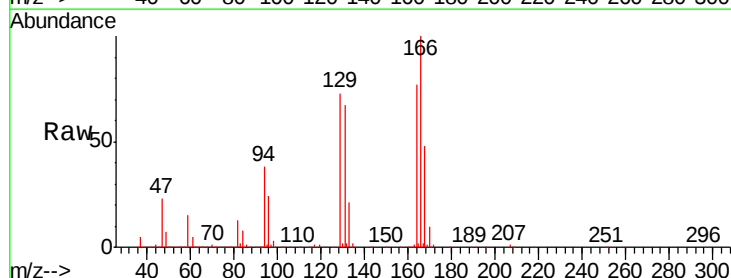
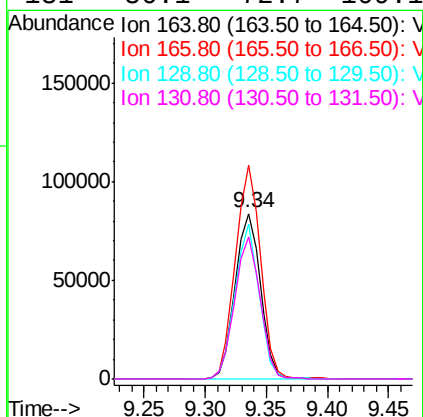
Instrument :
MSVOA_X
ClientSampleId :
VX0102WBSD01

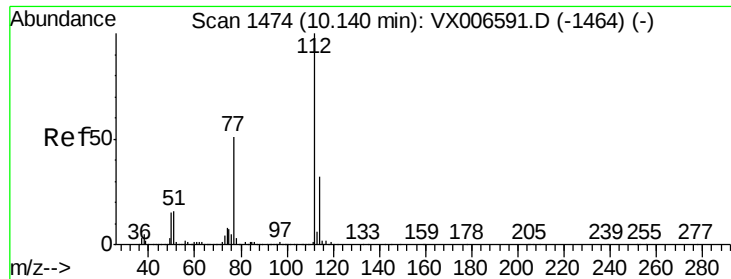
Tgt Ion:117 Resp: 733248
Ion Ratio Lower Upper
117 100
82 51.7 41.0 61.6
119 31.9 25.4 38.0



#64
Tetrachloroethene
Concen: 20.708 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Tgt Ion:164 Resp: 120237
Ion Ratio Lower Upper
164 100
166 129.2 102.5 153.7
129 93.8 75.1 112.7
131 86.1 72.7 109.1





#65

Chlorobenzene

Concen: 20.194 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

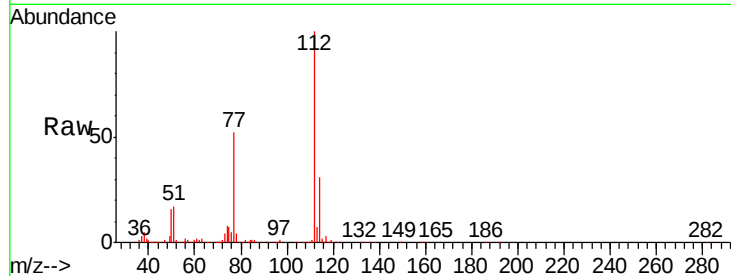
VX0102WBSD01

Tgt Ion:112 Resp: 313252

Ion Ratio Lower Upper

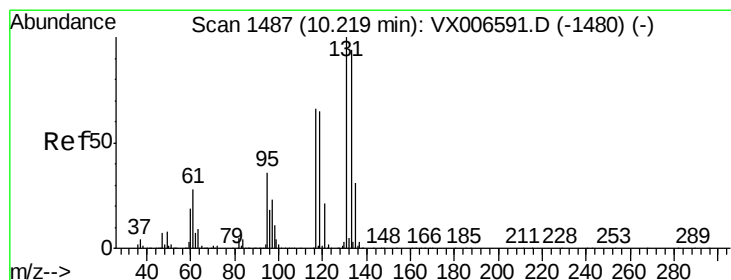
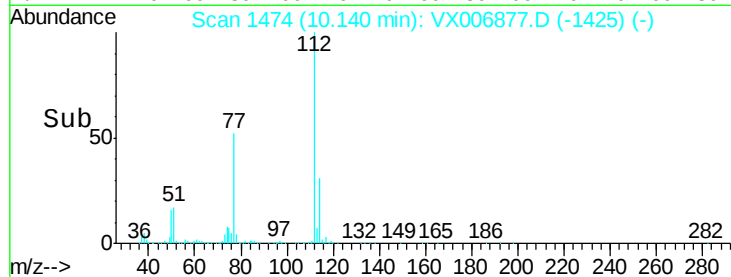
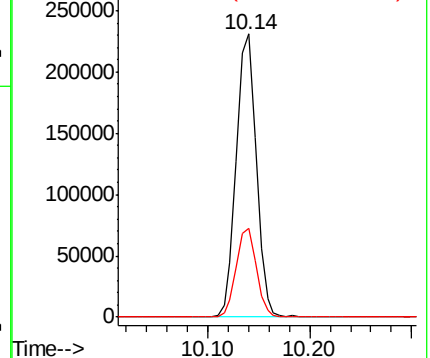
112 100

114 31.5 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 22.337 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

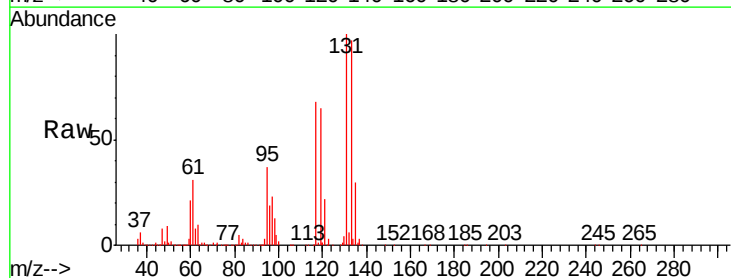
Tgt Ion:131 Resp: 108107

Ion Ratio Lower Upper

131 100

133 97.1 48.0 144.2

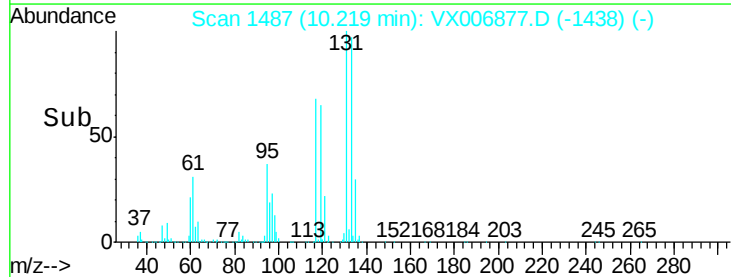
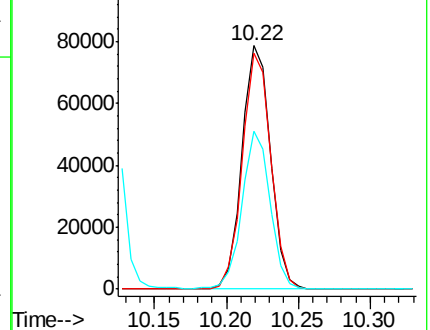
119 63.8 32.6 97.8

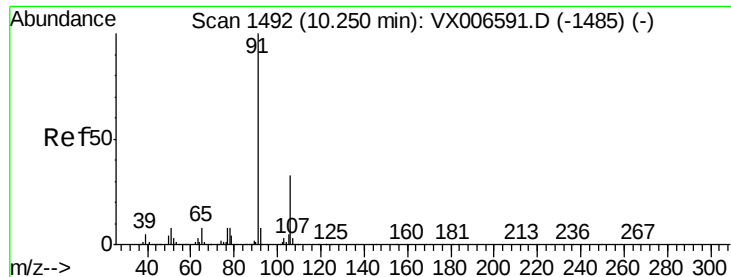


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.925 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

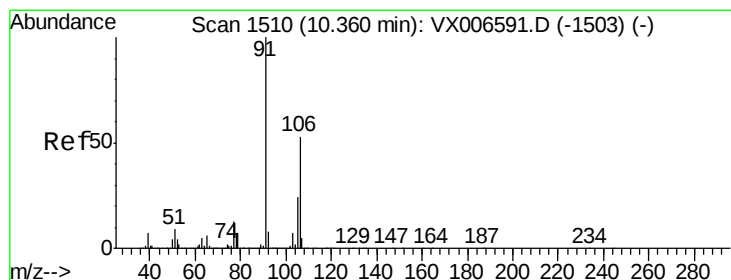
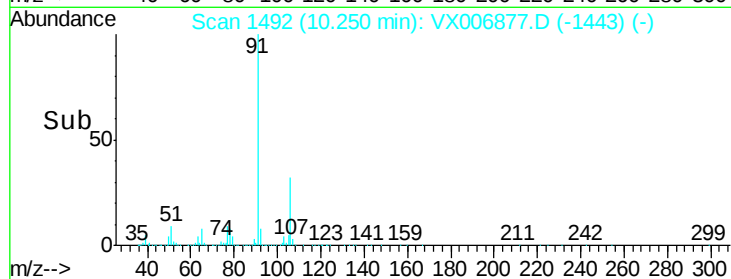
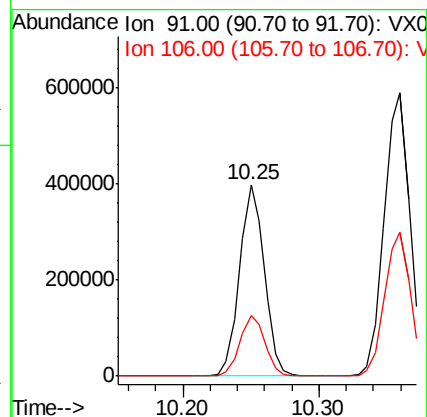
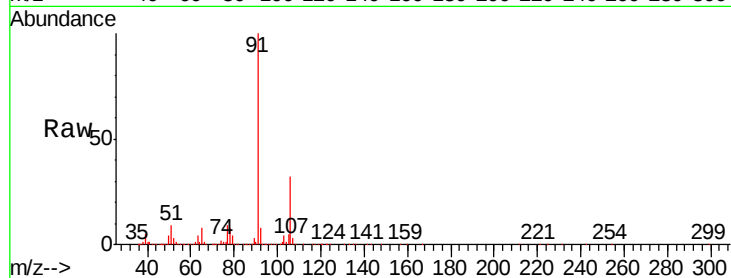
VX0102WBSD01

Tgt Ion: 91 Resp: 505074

Ion Ratio Lower Upper

91 100

106 31.6 26.4 39.6



#68

m/p-Xylenes

Concen: 39.815 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006877.D

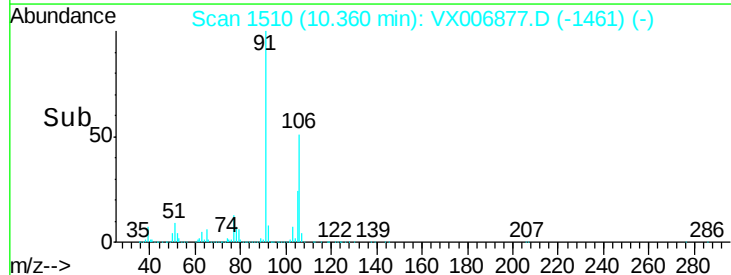
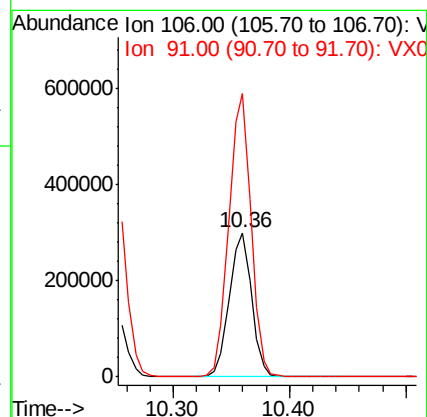
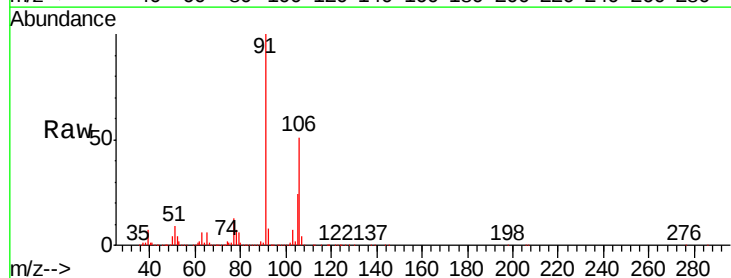
Acq: 02 Jan 2019 13:11

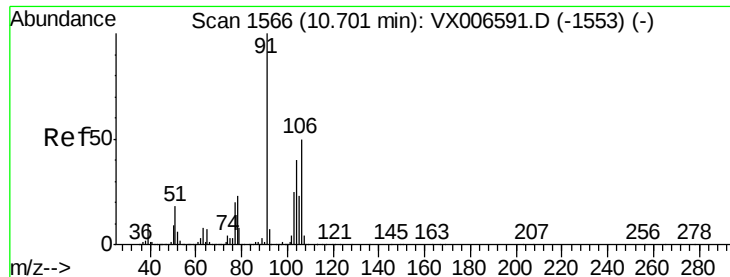
Tgt Ion: 106 Resp: 398248

Ion Ratio Lower Upper

106 100

91 194.5 155.8 233.6

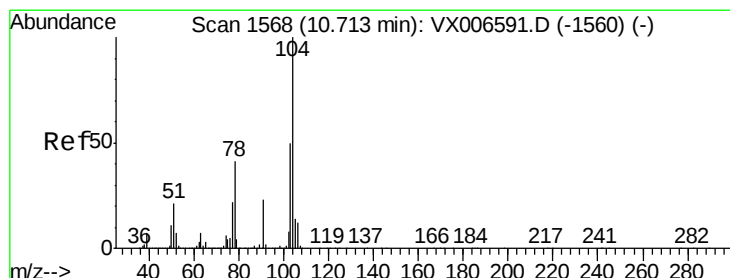
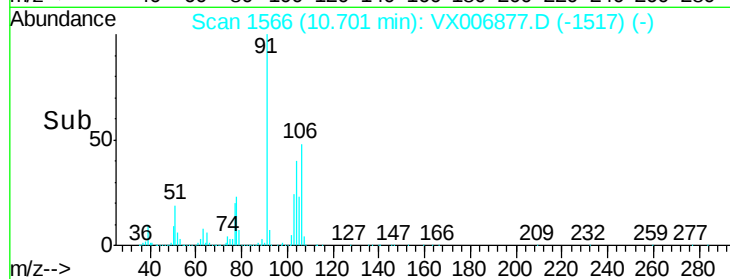
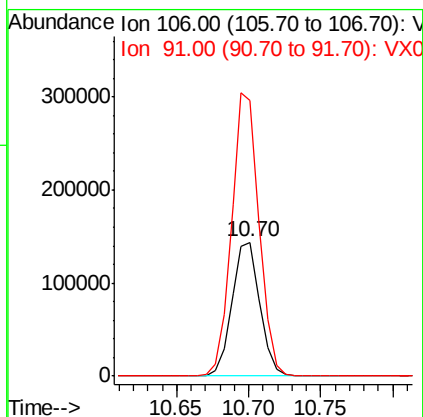
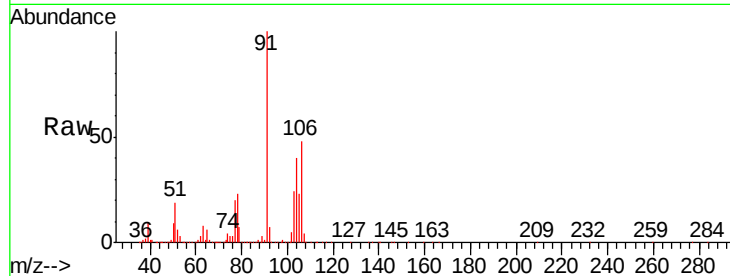




#69
o-Xylene
Concen: 19.754 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

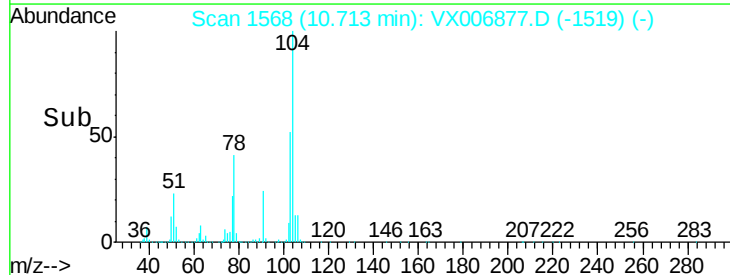
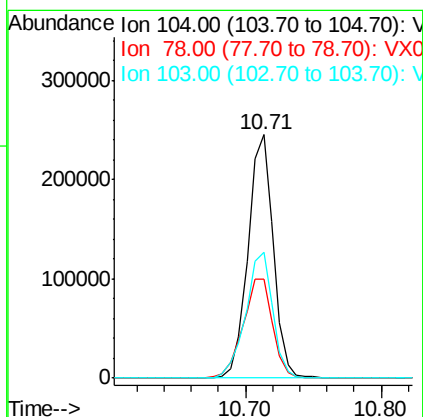
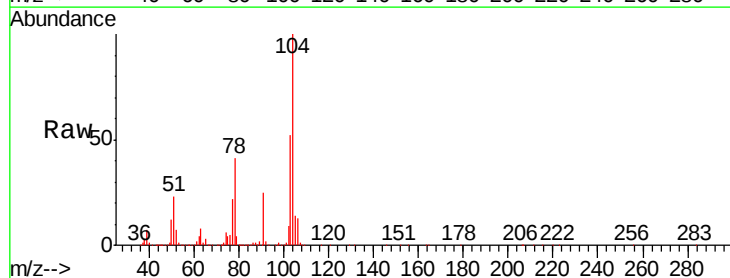
Instrument :
MSVOA_X
ClientSampleId :
VX0102WBSD01

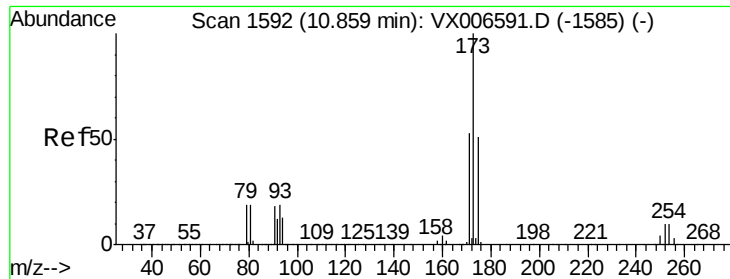
Tgt Ion:106 Resp: 195115
Ion Ratio Lower Upper
106 100
91 208.0 101.3 303.7



#70
Styrene
Concen: 20.384 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Tgt Ion:104 Resp: 318521
Ion Ratio Lower Upper
104 100
78 47.6 37.7 56.5
103 55.9 43.8 65.8

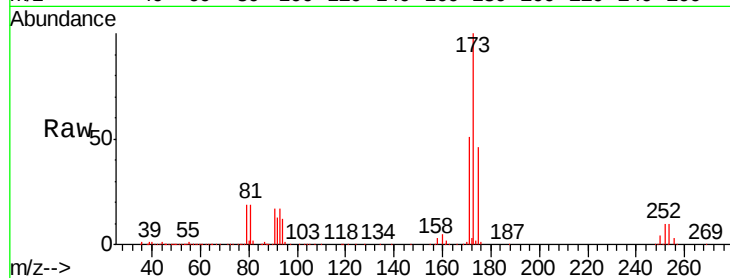




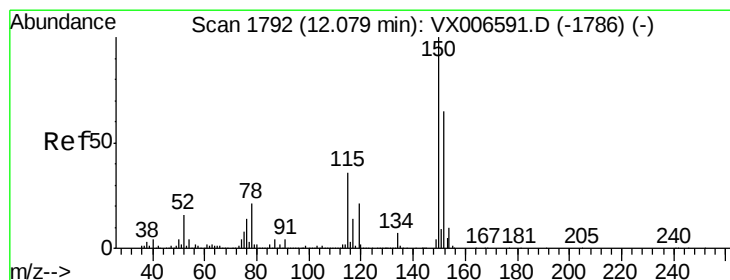
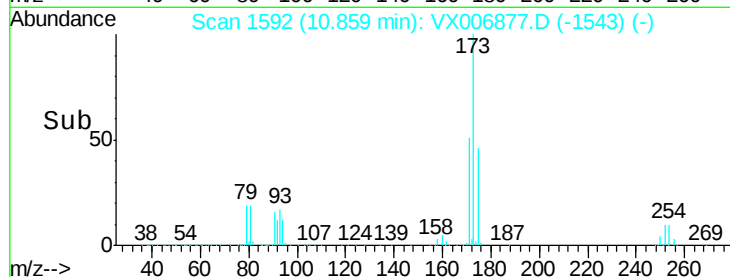
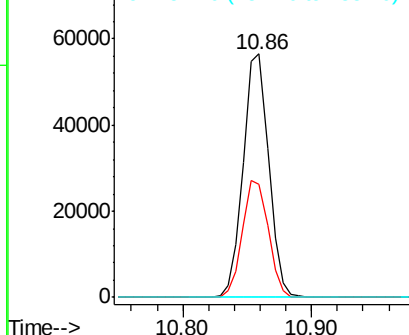
#71
Bromoform
Concen: 20.616 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX0102WBSD01

Tgt Ion:173 Resp: 77439
Ion Ratio Lower Upper
173 100
175 49.0 24.7 74.1
254 0.1 0.2 0.2#

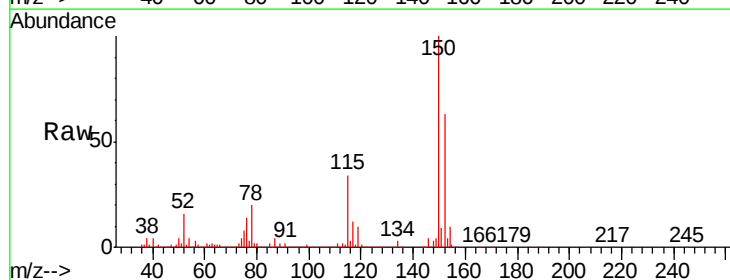


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

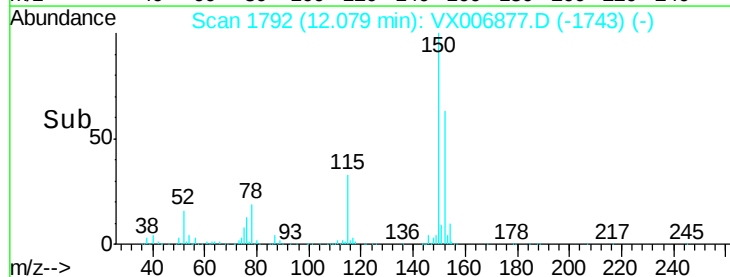
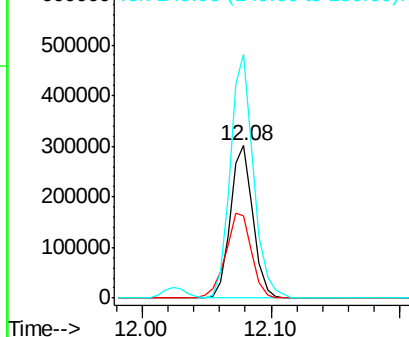


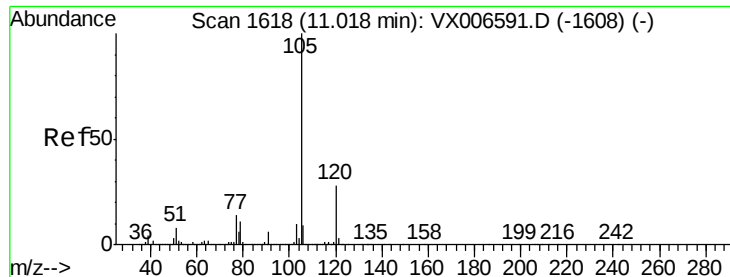
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Tgt Ion:152 Resp: 368201
Ion Ratio Lower Upper
152 100
115 64.5 39.1 117.2
150 164.7 0.0 344.8



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





#73

Isopropylbenzene

Concen: 20.651 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

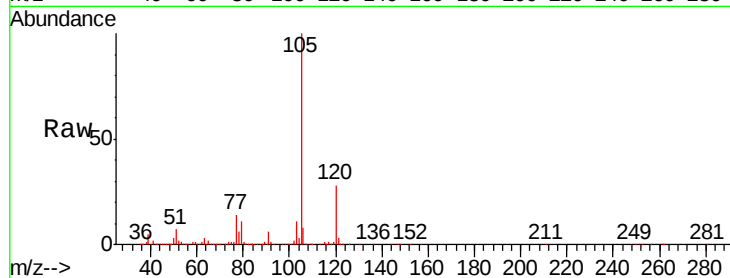
VX0102WBSD01

Tgt Ion: 105 Resp: 520185

Ion Ratio Lower Upper

105 100

120 28.0 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

400000

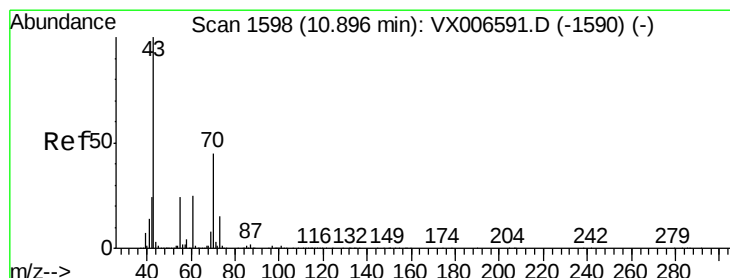
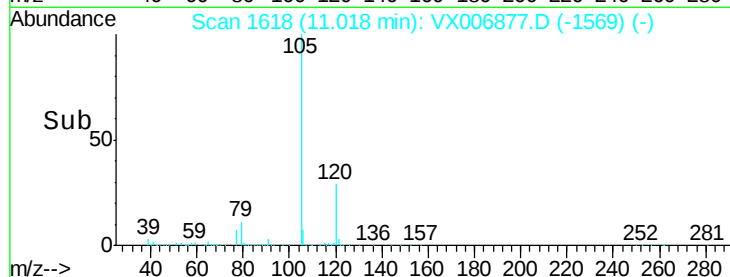
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 22.941 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Tgt Ion: 43 Resp: 206844

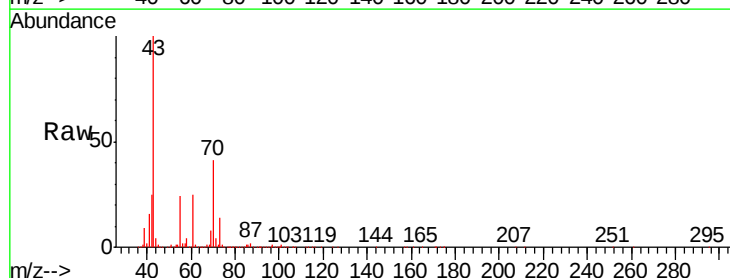
Ion Ratio Lower Upper

43 100

70 42.7 35.8 53.8

55 25.0 19.4 29.0

61 24.2 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

250000

200000

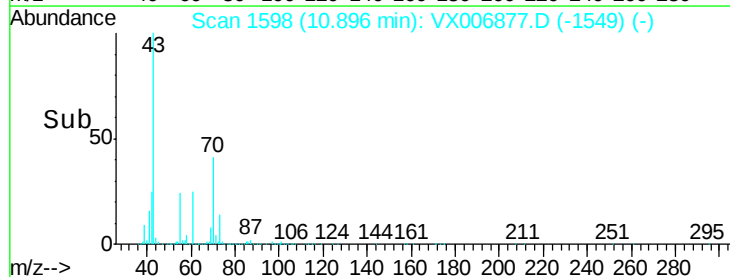
150000

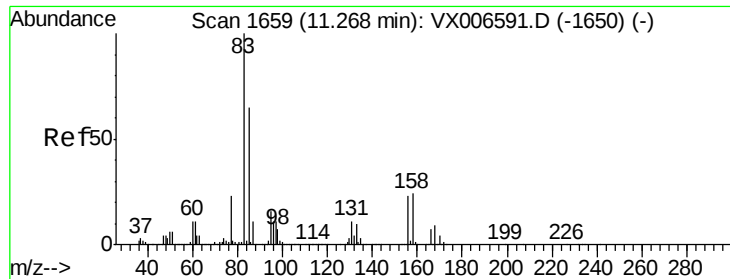
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.400 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampled :

VX0102WBSD01

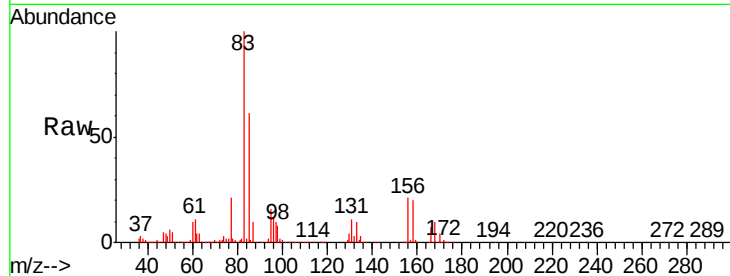
Tgt Ion: 83 Resp: 167803

Ion Ratio Lower Upper

83 100

131 10.9 5.7 17.1

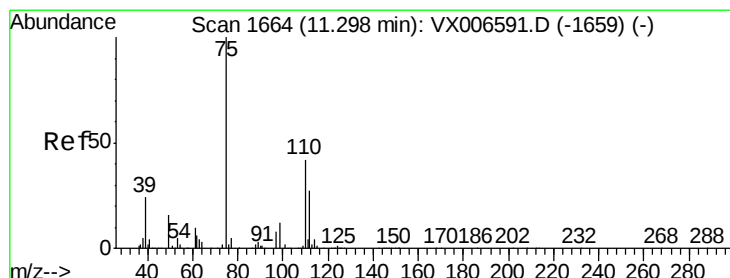
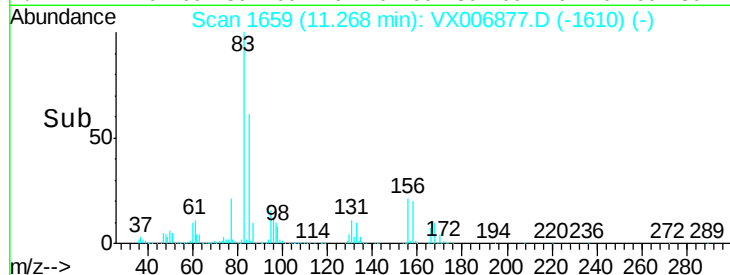
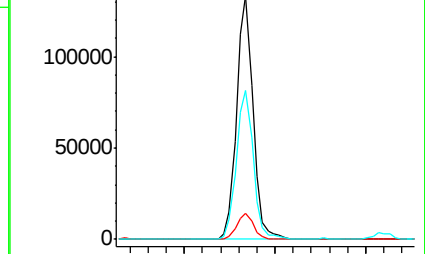
85 63.4 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.488 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX006877.D

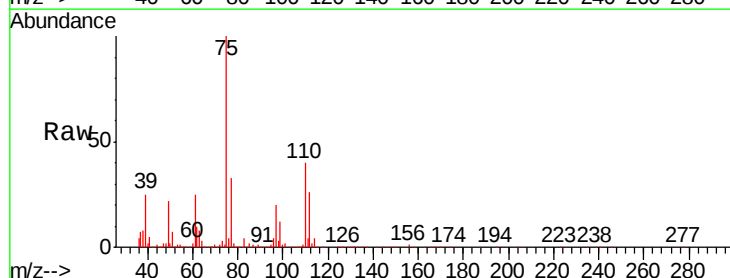
Acq: 02 Jan 2019 13:11

Tgt Ion: 75 Resp: 181253

Ion Ratio Lower Upper

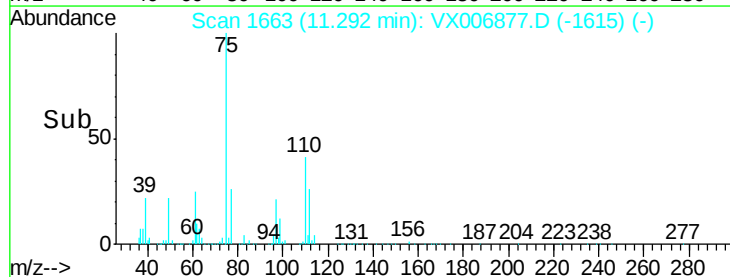
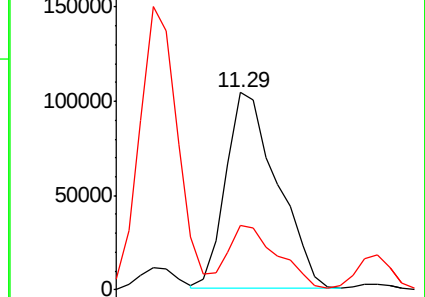
75 100

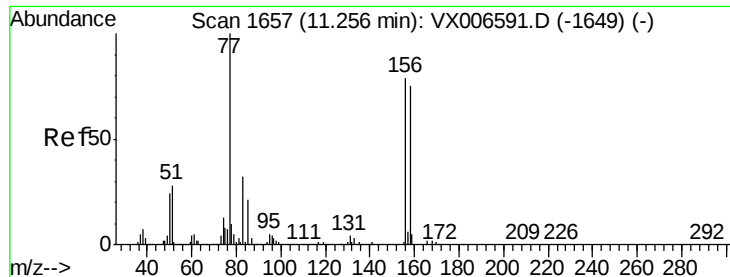
77 33.0 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.454 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX0102WBSD01

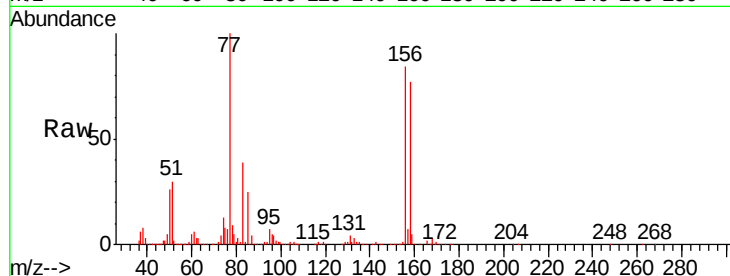
Tgt Ion:156 Resp: 146105

Ion Ratio Lower Upper

156 100

77 132.5 68.0 204.0

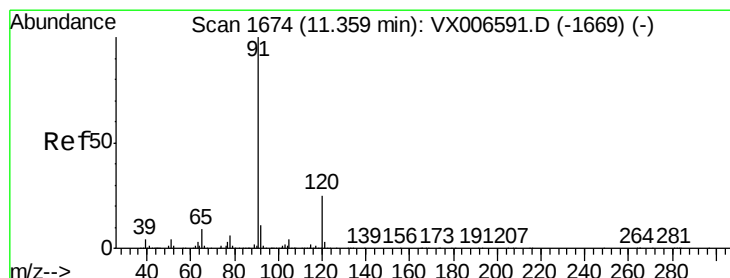
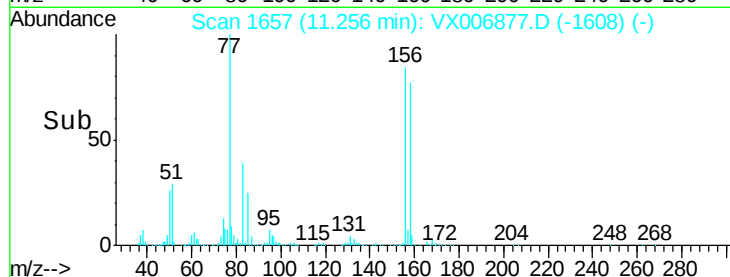
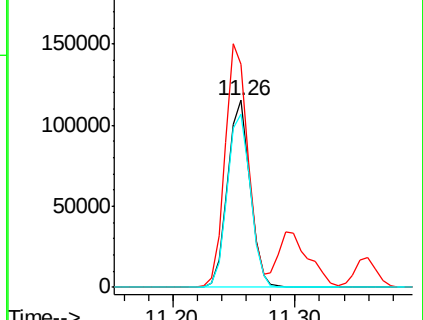
158 95.8 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.660 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006877.D

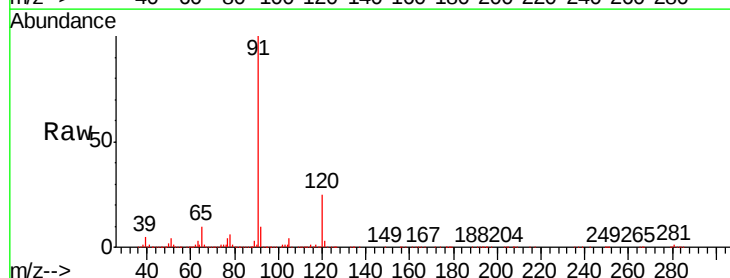
Acq: 02 Jan 2019 13:11

Tgt Ion: 91 Resp: 573080

Ion Ratio Lower Upper

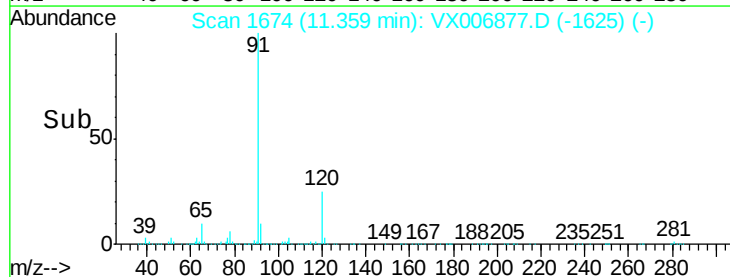
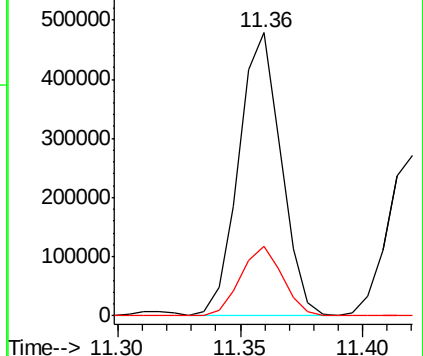
91 100

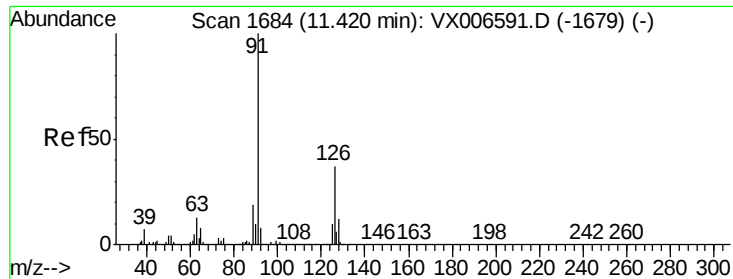
120 24.8 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

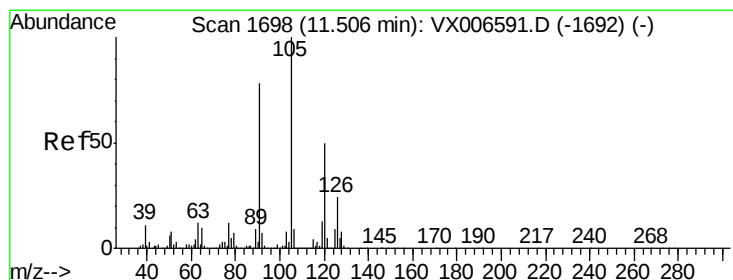
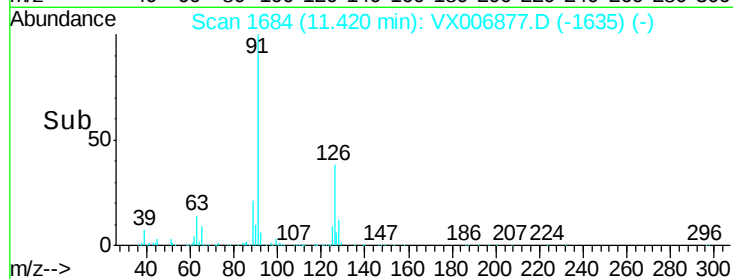
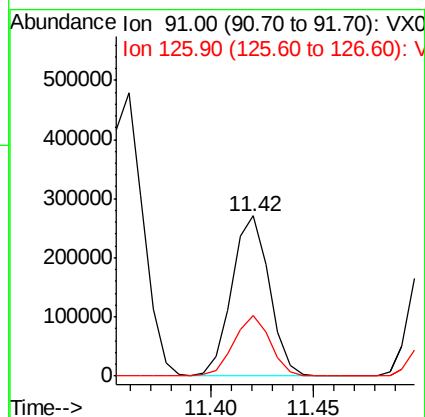
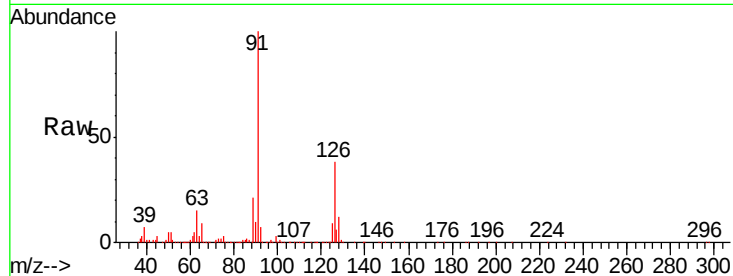




#79
 2-Chlorotoluene
 Concen: 20.280 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX006877.D
 Acq: 02 Jan 2019 13:11

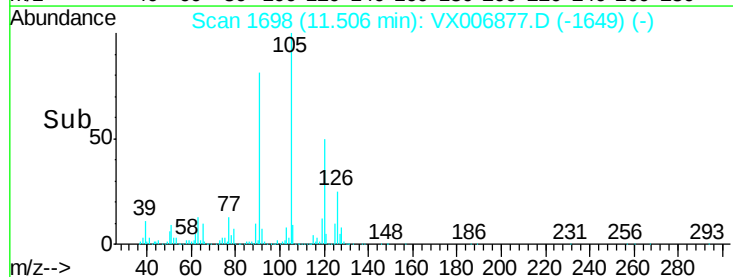
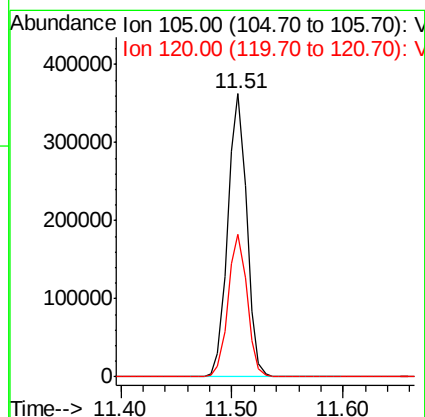
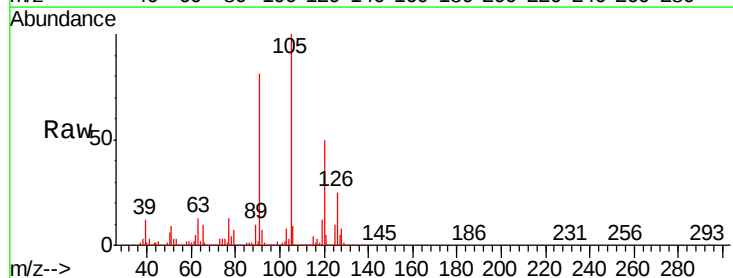
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102WBSD01

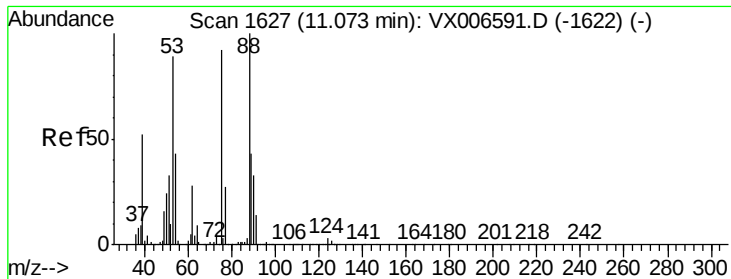
Tgt Ion: 91 Resp: 340900
 Ion Ratio Lower Upper
 91 100
 126 37.2 18.6 56.0



#80
 1,3,5-Trimethylbenzene
 Concen: 20.548 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX006877.D
 Acq: 02 Jan 2019 13:11

Tgt Ion: 105 Resp: 426318
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.1 75.3

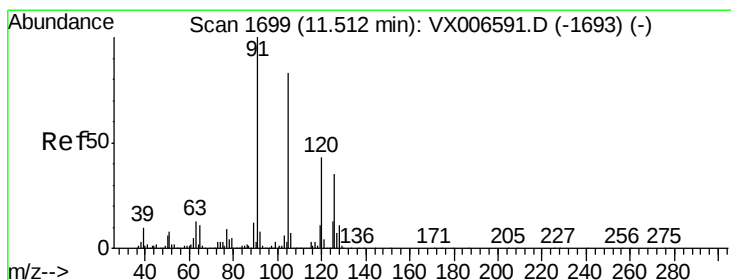
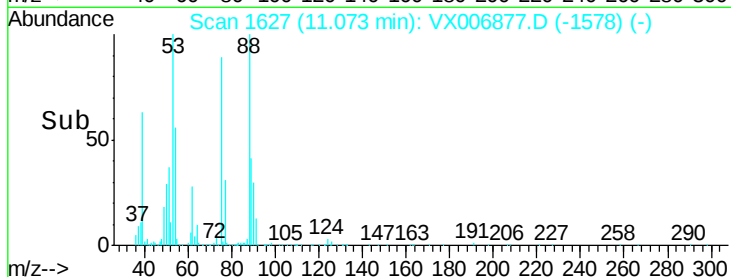
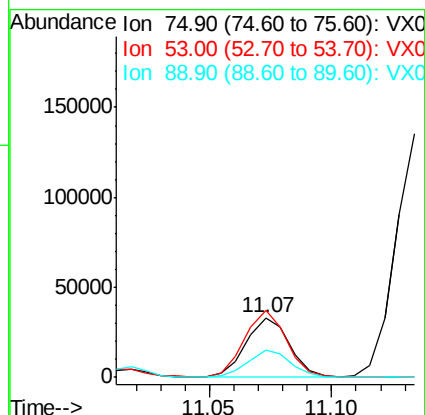
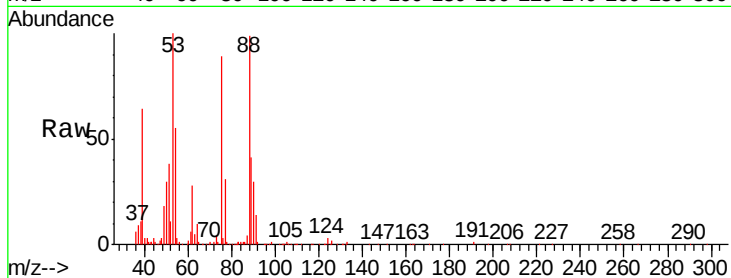




#81
trans-1,4-Dichloro-2-butene
Concen: 20.914 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

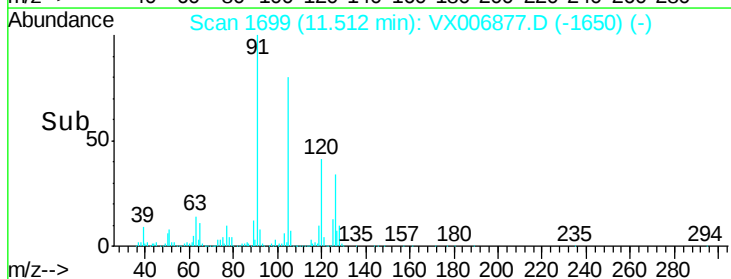
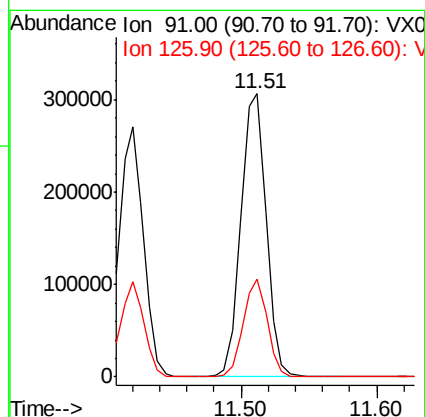
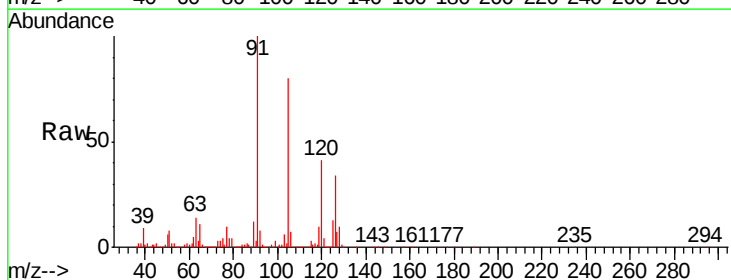
Instrument :
MSVOA_X
ClientSampled :
VX0102WBSD01

Tgt Ion: 75 Resp: 40978
Ion Ratio Lower Upper
75 100
53 109.2 79.7 119.5
89 46.0 38.0 57.0



#82
4-Chlorotoluene
Concen: 20.453 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Tgt Ion: 91 Resp: 394373
Ion Ratio Lower Upper
91 100
126 32.7 16.3 48.9

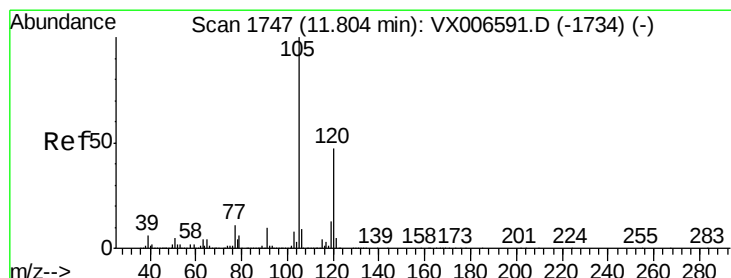
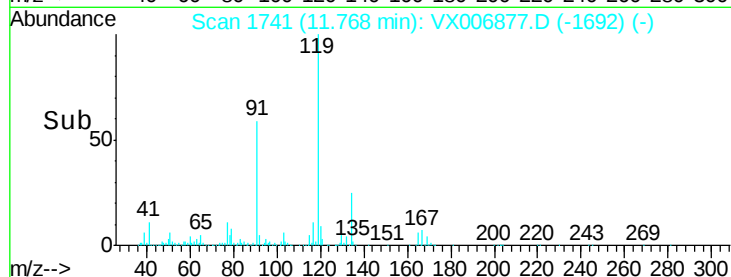
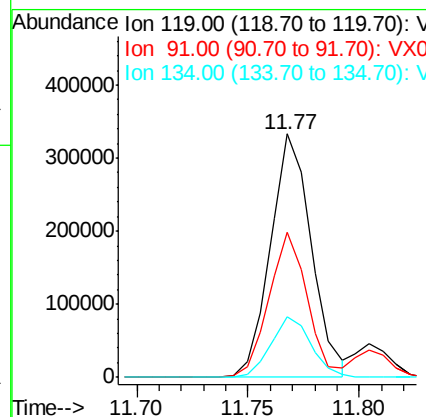
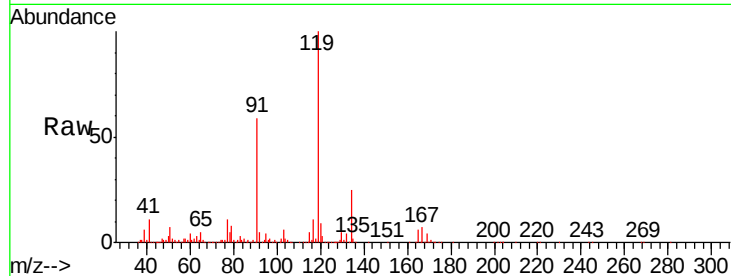




#83
 tert-Butylbenzene
 Concen: 20.431 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX006877.D
 Acq: 02 Jan 2019 13:11

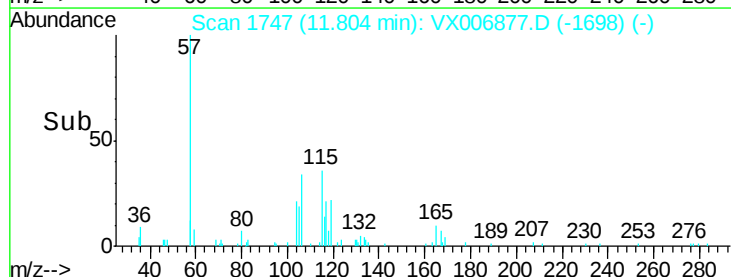
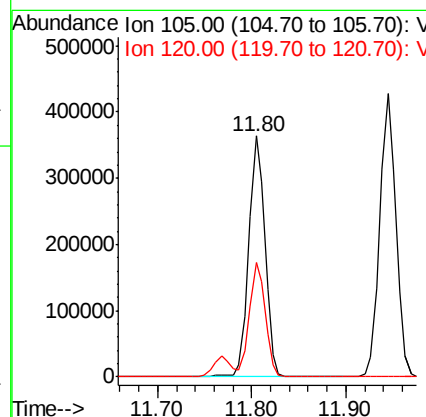
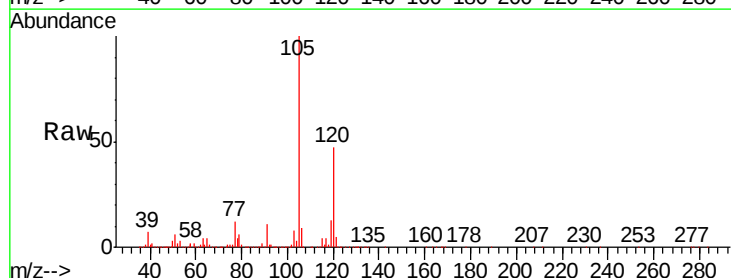
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102WBSD01

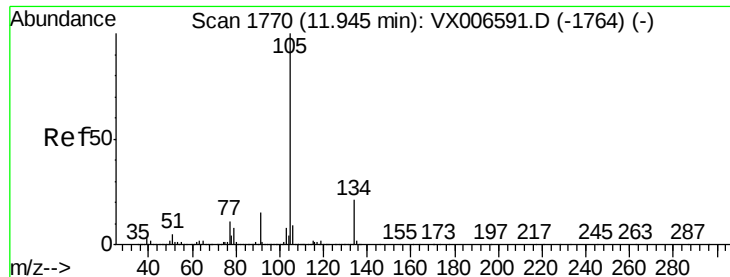
Tgt Ion:119 Resp: 424250
 Ion Ratio Lower Upper
 119 100
 91 56.3 27.7 83.1
 134 24.3 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 20.074 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006877.D
 Acq: 02 Jan 2019 13:11

Tgt Ion:105 Resp: 438071
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.2 69.6





#85

sec-Butylbenzene

Concen: 19.984 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

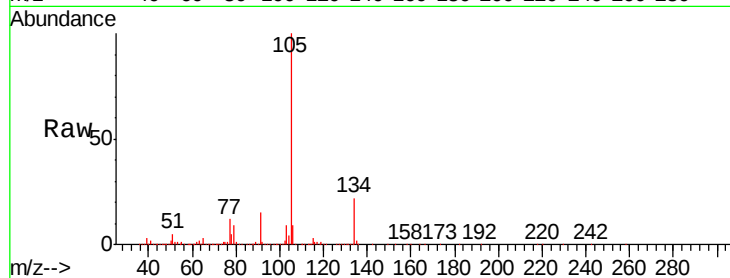
VX0102WBSD01

Tgt Ion:105 Resp: 508774

Ion Ratio Lower Upper

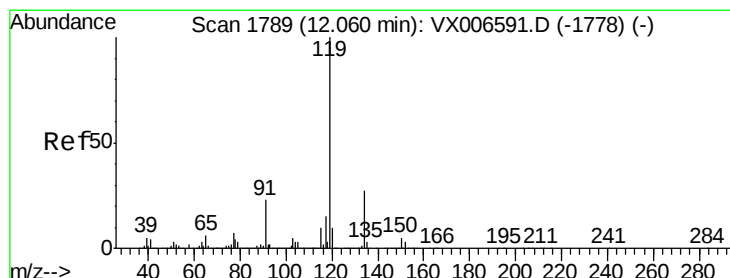
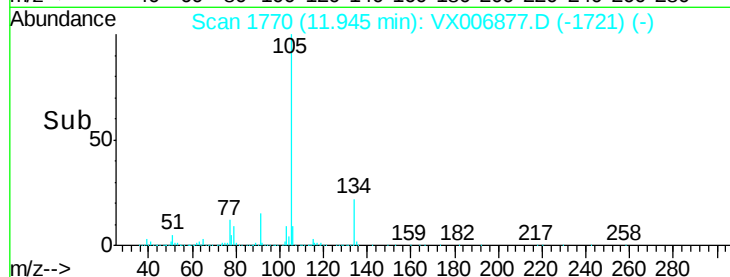
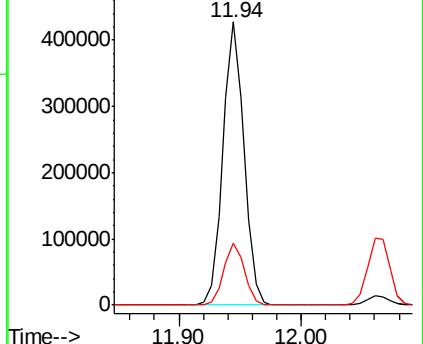
105 100

134 21.6 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.388 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

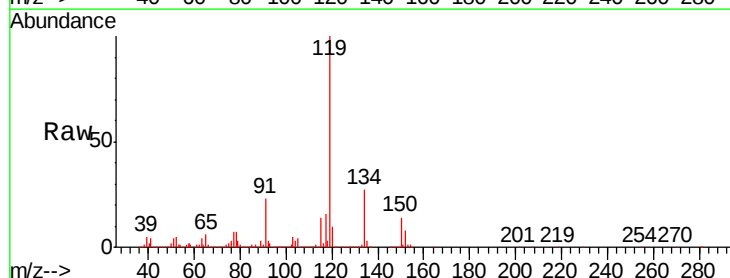
Tgt Ion:119 Resp: 456268

Ion Ratio Lower Upper

119 100

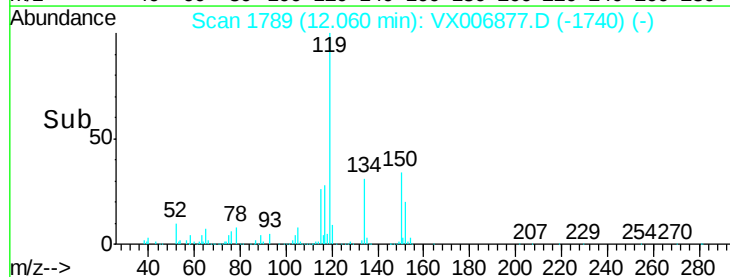
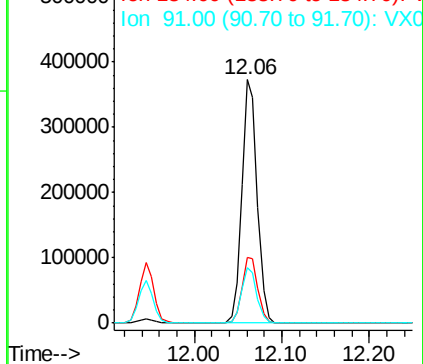
134 27.8 14.0 41.9

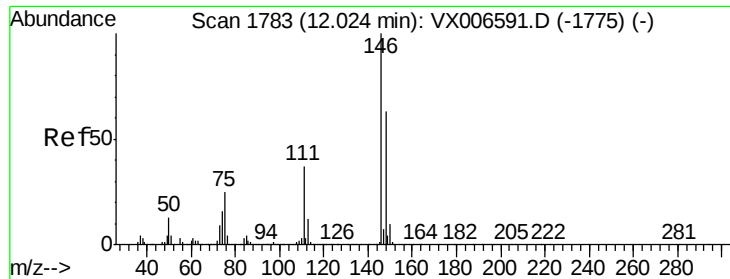
91 22.7 11.3 33.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

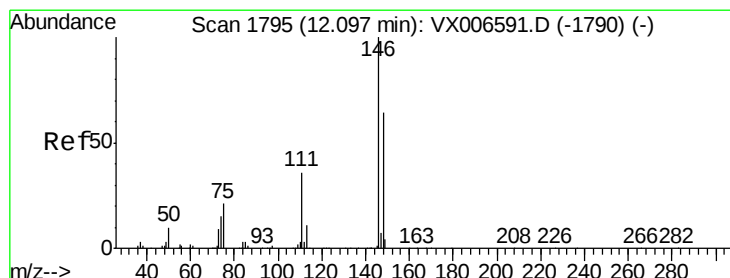
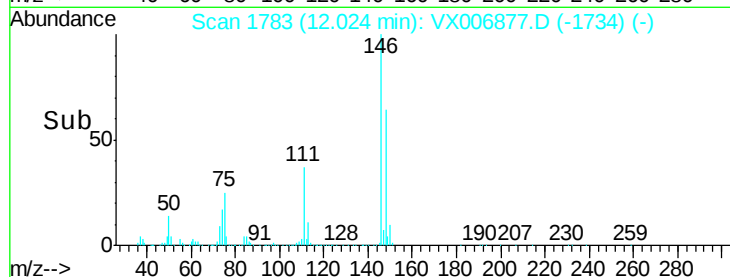
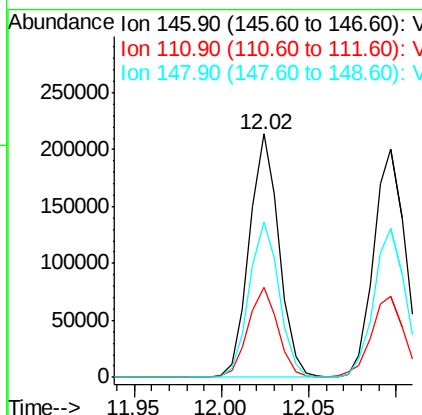
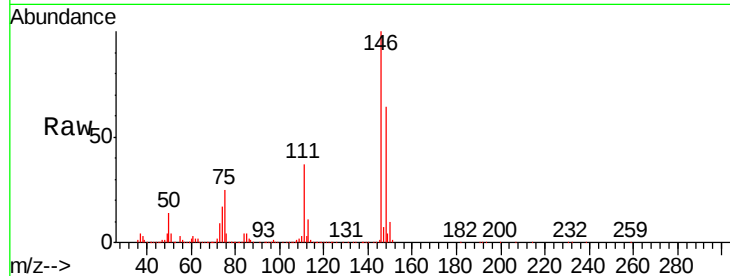




#87
 1,3-Dichlorobenzene
 Concen: 20.512 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006877.D
 Acq: 02 Jan 2019 13:11

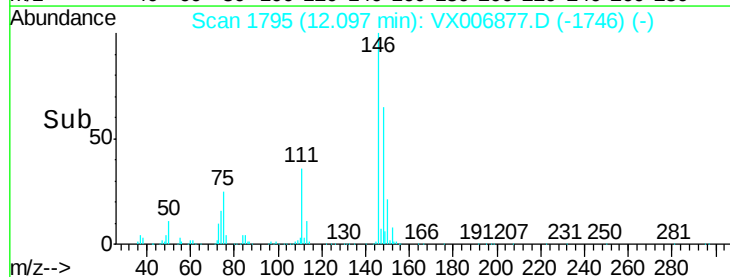
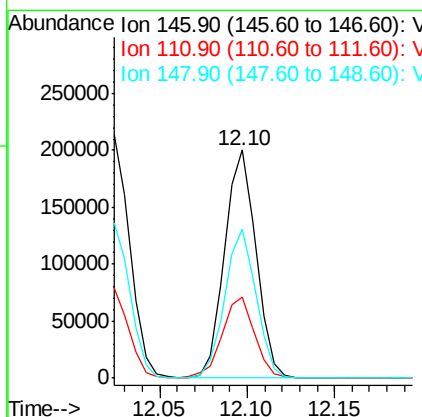
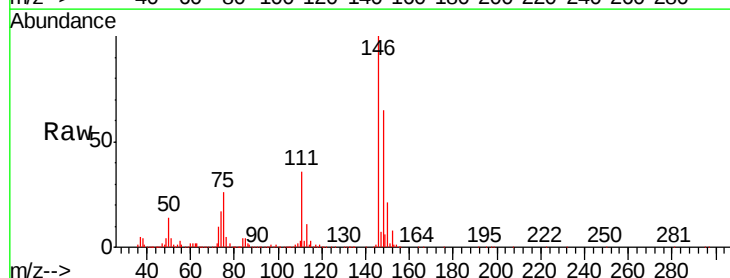
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102WBSD01

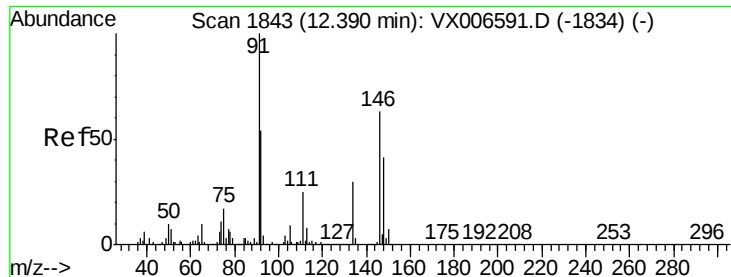
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.6	55.8
148	64.5	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.890 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006877.D
 Acq: 02 Jan 2019 13:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.1	54.1
148	65.2	31.9	95.9





#89

n-Butylbenzene

Concen: 19.849 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX0102WBSD01

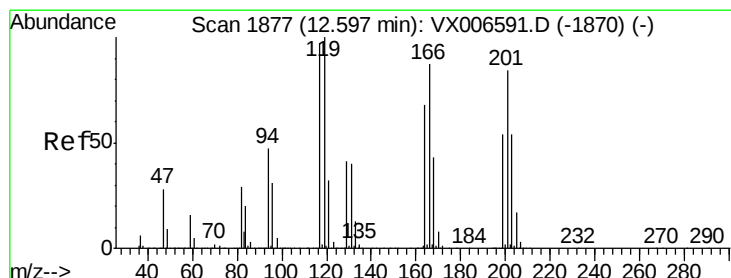
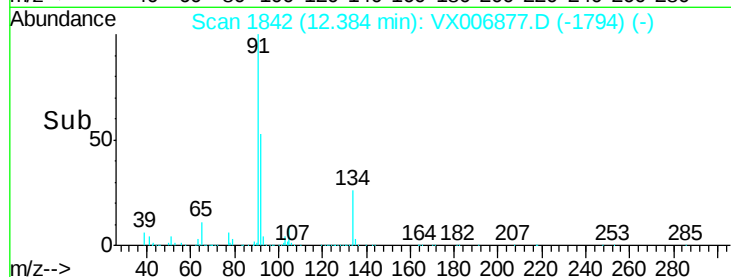
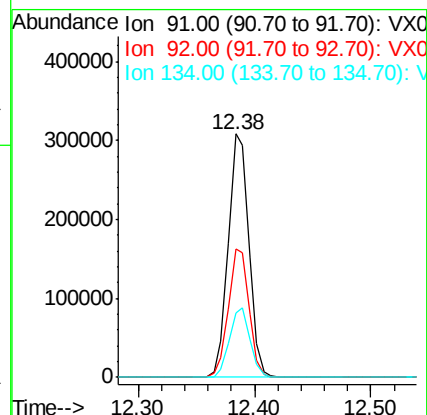
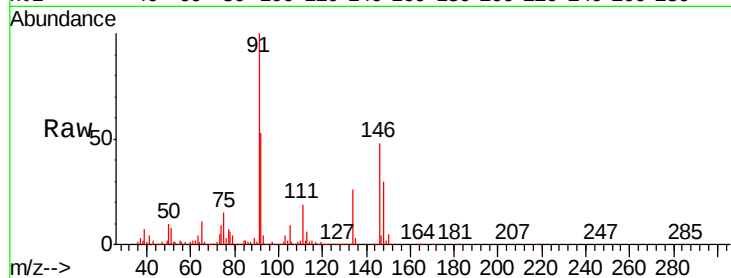
Tgt Ion: 91 Resp: 378042

Ion Ratio Lower Upper

91 100

92 52.7 26.8 80.4

134 28.2 14.4 43.2



#90

Hexachloroethane

Concen: 20.556 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX006877.D

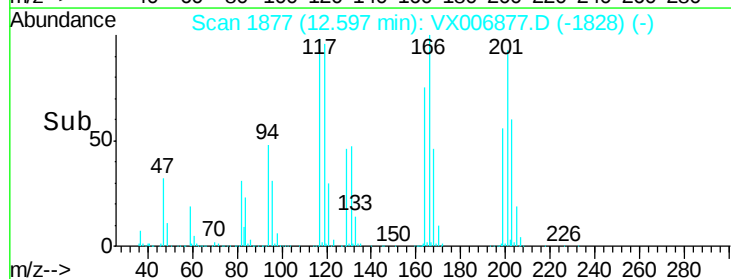
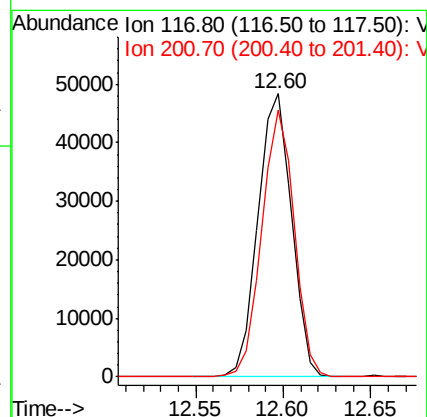
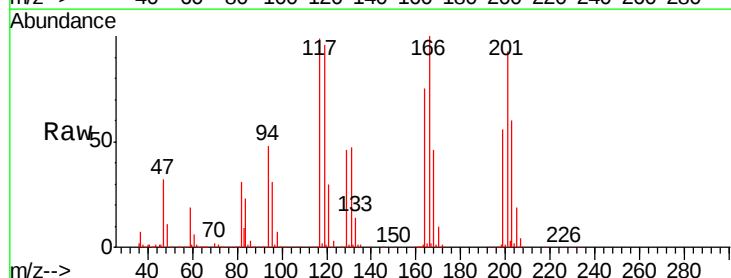
Acq: 02 Jan 2019 13:11

Tgt Ion: 117 Resp: 64725

Ion Ratio Lower Upper

117 100

201 90.6 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 20.600 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX0102WBSD01

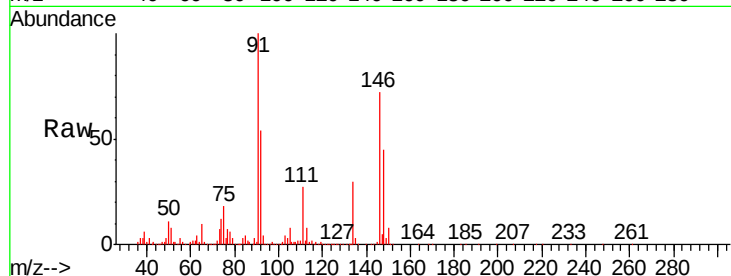
Tgt Ion:146 Resp: 252922

Ion Ratio Lower Upper

146 100

111 37.9 19.4 58.2

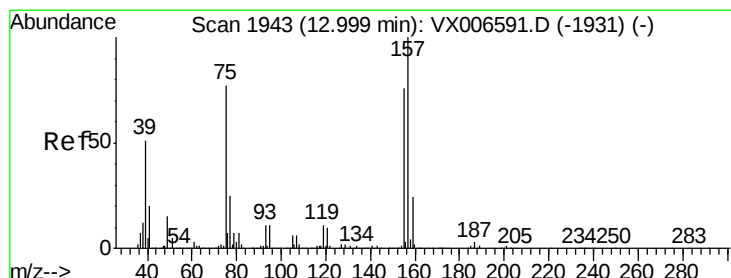
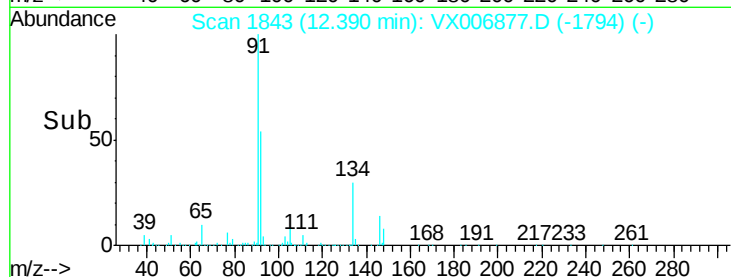
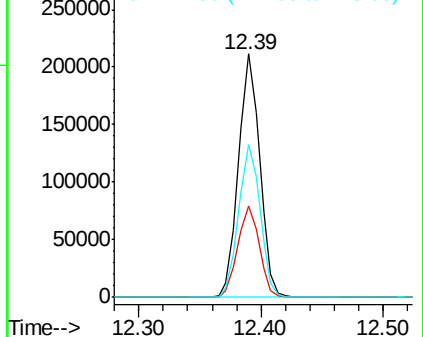
148 63.7 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.547 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

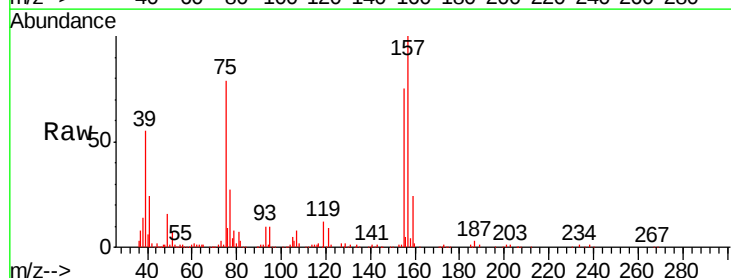
Tgt Ion: 75 Resp: 31849

Ion Ratio Lower Upper

75 100

155 98.0 50.6 151.8

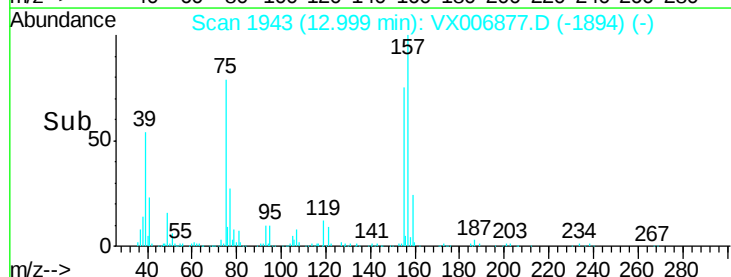
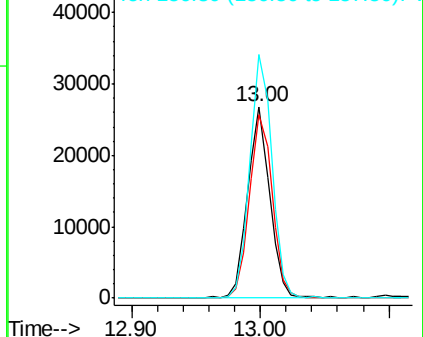
157 126.4 64.6 193.8

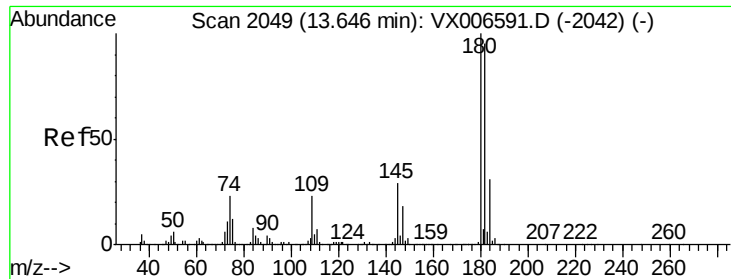


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

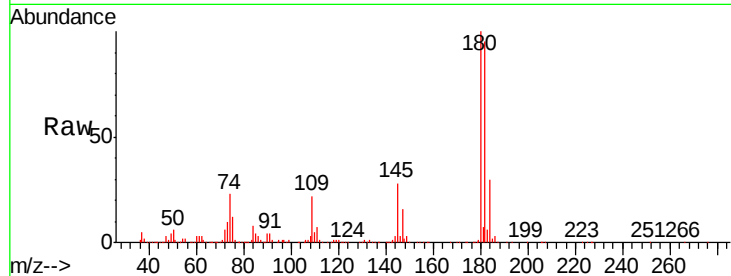




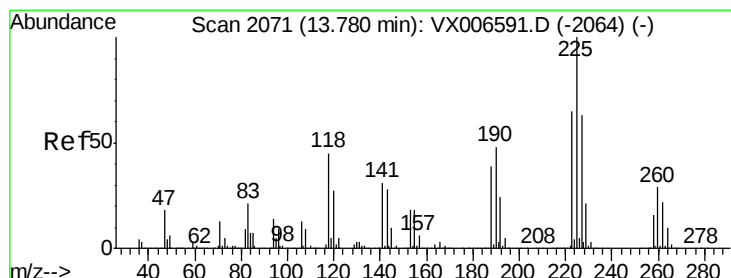
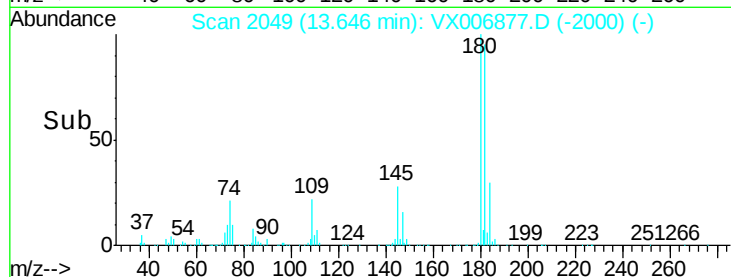
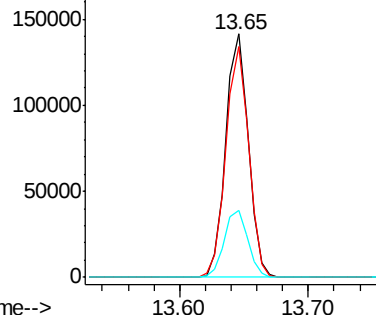
#93
 1,2,4-Trichlorobenzene
 Concen: 20.032 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006877.D
 Acq: 02 Jan 2019 13:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102WBSD01

Tgt Ion:180 Resp: 169651
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.3 142.0
 145 28.6 14.8 44.3

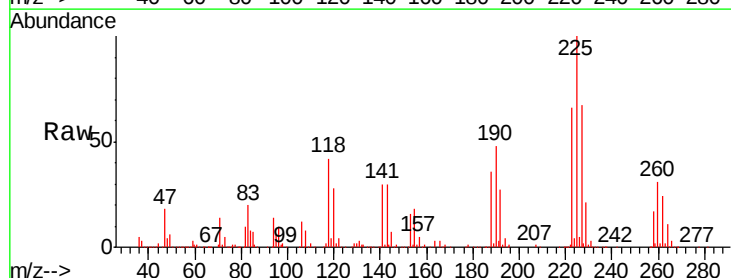


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

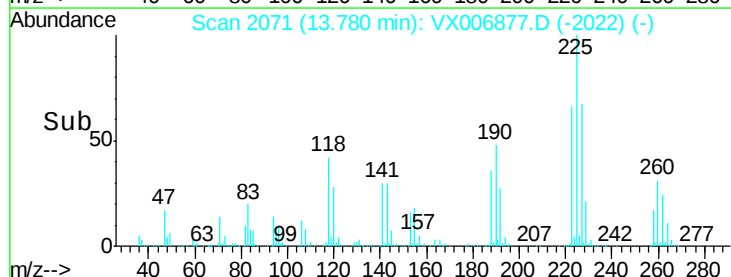
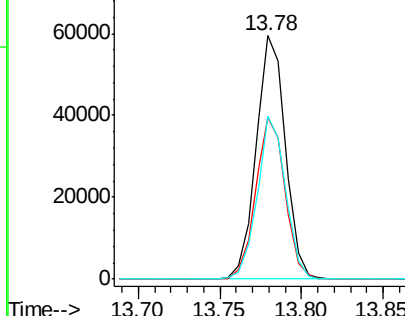


#94
 Hexachlorobutadiene
 Concen: 18.473 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX006877.D
 Acq: 02 Jan 2019 13:11

Tgt Ion:225 Resp: 73743
 Ion Ratio Lower Upper
 225 100
 223 66.3 32.1 96.3
 227 64.5 32.3 96.8



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

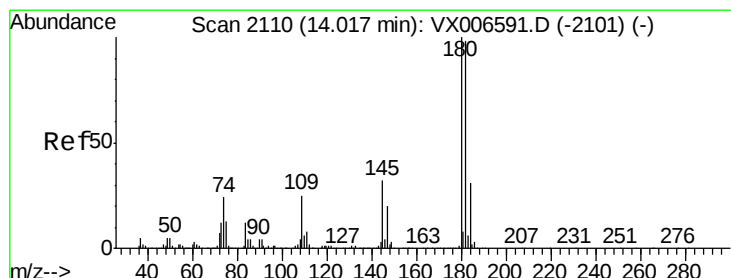
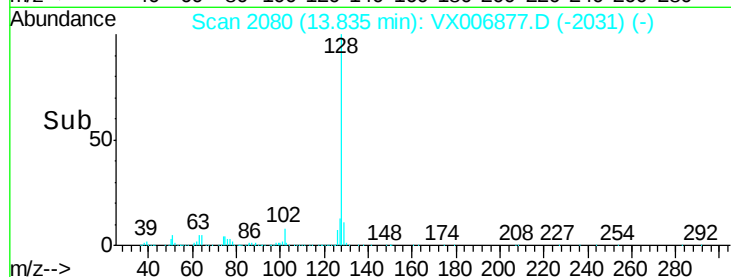
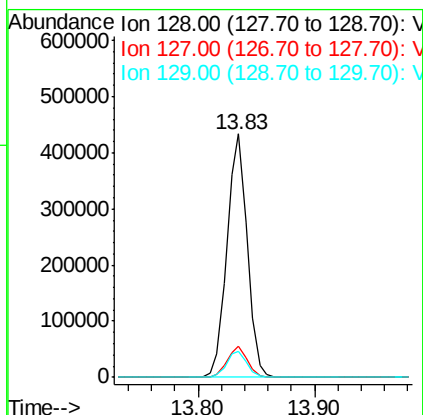
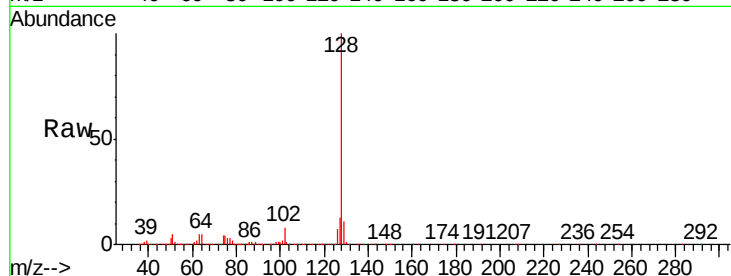




#95
Naphthalene
Concen: 19.285 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX0102WBSD01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.1	15.1
129	10.8	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.257 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	48.5	145.5
145	30.9	16.0	47.9

