

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091118\
 Data File : VX004473.D
 Acq On : 11 Sep 2018 18:47
 Operator : JC/MD
 Sample : VX0911WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911WBSD01

Quant Time: Sep 12 05:52:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 15:21:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	242308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	354792	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	336197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199469	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	167257	53.53	ug/l	0.00
Spiked Amount			Recovery	=	107.06%	
35) Dibromofluoromethane	5.50	113	140519	43.28	ug/l	0.00
Spiked Amount			Recovery	=	86.56%	
50) Toluene-d8	8.72	98	553801	50.86	ug/l	0.00
Spiked Amount			Recovery	=	101.72%	
62) 4-Bromofluorobenzene	11.14	95	197195	50.74	ug/l	0.00
Spiked Amount			Recovery	=	101.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	49449	21.77	ug/l	100
3) Chloromethane	1.32	50	67951	21.74	ug/l	100
4) Vinyl Chloride	1.40	62	70121	21.86	ug/l	99
5) Bromomethane	1.64	94	38640	28.26	ug/l	99
6) Chloroethane	1.72	64	42760	20.61	ug/l	96
7) Trichlorofluoromethane	1.93	101	90504	21.28	ug/l	96
8) Diethyl Ether	2.19	74	40067	21.02	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.38	101	55850	20.70	ug/l	99
10) Methyl Iodide	2.51	142	55472	19.99	ug/l	99
11) Tert butyl alcohol	3.07	59	83174	111.57	ug/l	99
12) 1,1-Dichloroethene	2.37	96	53707	21.21	ug/l	97
13) Acrolein	2.29	56	36209	123.04	ug/l	96
14) Allyl chloride	2.73	41	112784	21.67	ug/l	94
15) Acrylonitrile	3.15	53	195674	108.99	ug/l	99
16) Acetone	2.45	43	159093	104.33	ug/l	98
17) Carbon Disulfide	2.57	76	156280	21.36	ug/l	98
18) Methyl Acetate	2.78	43	91919	21.49	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	189446	21.33	ug/l	97
20) Methylene Chloride	2.85	84	63300	20.24	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	58982	21.08	ug/l	96
22) Diisopropyl ether	3.87	45	197662	21.08	ug/l	96
23) Vinyl Acetate	3.82	43	827570	109.09	ug/l	98
24) 1,1-Dichloroethane	3.70	63	114738	21.68	ug/l	98
25) 2-Butanone	4.71	43	247258	101.88	ug/l	96
26) 2,2-Dichloropropane	4.58	77	73309	20.17	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	65745	21.05	ug/l	99
28) Bromochloromethane	5.01	49	55720	23.02	ug/l	92
29) Tetrahydrofuran	5.16	42	161623	110.43	ug/l	96
30) Chloroform	5.22	83	110777	21.44	ug/l	93
31) Cyclohexane	5.57	56	93767	20.75	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	85976	20.66	ug/l	99
36) 1,1-Dichloropropene	5.80	75	77662	18.03	ug/l	99
37) Ethyl Acetate	4.86	43	92963	18.98	ug/l	100
38) Carbon Tetrachloride	5.78	117	74873	17.80	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	91925	20.45	ug/l	97
40) Benzene	6.14	78	240860	18.85	ug/l	100
41) Methacrylonitrile	5.06	41	50912	18.86	ug/l	99
42) 1,2-Dichloroethane	6.20	62	80422	18.97	ug/l	99
43) Isopropyl Acetate	6.46	43	132163	20.31	ug/l	98
44) Trichloroethene	7.21	130	65342	19.68	ug/l	95
45) 1,2-Dichloropropane	7.52	63	64011	20.82	ug/l	98
46) Dibromomethane	7.66	93	39963	20.57	ug/l	97
47) Bromodichloromethane	7.90	83	73276	19.94	ug/l	99
48) Methyl methacrylate	7.78	41	68708	21.34	ug/l	96
49) 1,4-Dioxane	7.76	88	32815	430.56	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	459046	99.97	ug/l	96
52) Toluene	8.79	92	149675	19.88	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	81198	18.92	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	90271	20.63	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	61453	18.95	ug/l	96
56) Ethyl methacrylate	9.18	69	86284	18.81	ug/l	96
57) 1,3-Dichloropropane	9.37	76	102285	19.42	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	236097	105.37	ug/l	95
59) 2-Hexanone	9.50	43	348865	99.05	ug/l	96
60) Dibromochloromethane	9.59	129	58664	19.22	ug/l	100
61) 1,2-Dibromoethane	9.68	107	62262	20.10	ug/l	100
64) Tetrachloroethene	9.34	164	73586	17.53	ug/l	97
65) Chlorobenzene	10.14	112	166627	19.95	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	57039	19.81	ug/l	100
67) Ethyl Benzene	10.26	91	276222	20.34	ug/l	98
68) m/p-Xylenes	10.36	106	218160	41.71	ug/l	96
69) o-Xylene	10.70	106	103207	20.52	ug/l	98
70) Styrene	10.71	104	174851	20.99	ug/l	98
71) Bromoform	10.86	173	44874	18.98	ug/l	99
73) Isopropylbenzene	11.02	105	282144	21.48	ug/l	100
74) N-amyl acetate	10.90	43	116304	21.03	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	88750	20.94	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	104344	26.77	ug/l	87
77) Bromobenzene	11.26	156	74699	20.57	ug/l	97
78) n-propylbenzene	11.36	91	323992	21.45	ug/l	100
79) 2-Chlorotoluene	11.42	91	192415	21.00	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	236998	21.46	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	25319	20.11	ug/l	98
82) 4-Chlorotoluene	11.51	91	227445	21.27	ug/l	100
83) tert-Butylbenzene	11.77	119	222945	21.20	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	246105	21.83	ug/l	98
85) sec-Butylbenzene	11.95	105	286161	21.36	ug/l	99
86) p-Isopropyltoluene	12.07	119	254657	21.52	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	137023	20.23	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	140226	20.03	ug/l	99
89) n-Butylbenzene	12.39	91	220561	20.46	ug/l	98
90) Hexachloroethane	12.60	117	37497	19.80	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	138678	20.22	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19322	21.36	ug/l	98

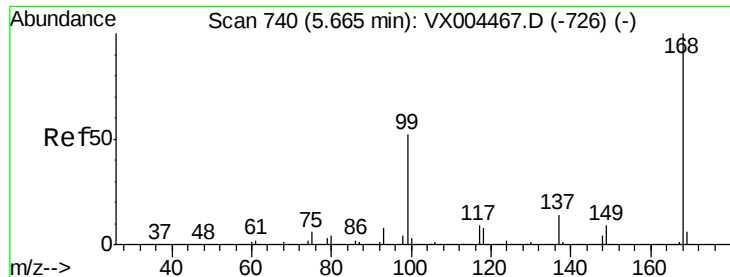
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091118\
Data File : VX004473.D
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ClientSampleId :
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Quant Time: Sep 12 05:52:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 15:21:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	99475	20.49	ug/l	98
94) Hexachlorobutadiene	13.79	225	49548	19.54	ug/l	96
95) Naphthalene	13.83	128	290253	21.31	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	102511	20.55	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX004473.D

Acq: 11 Sep 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

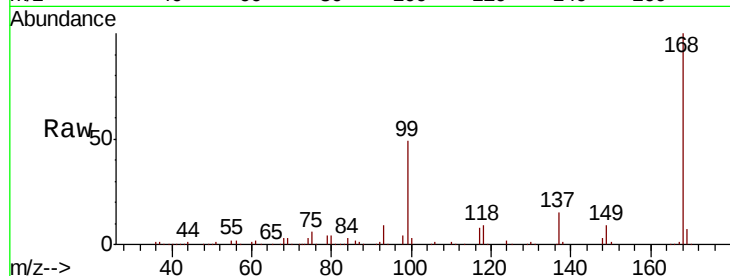
VX0911WBSD01

Tot Ion:168 Resp: 242308

Ion Ratio Lower Upper

168 100

99 49.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

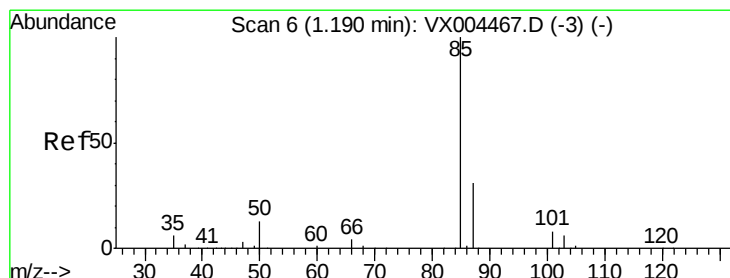
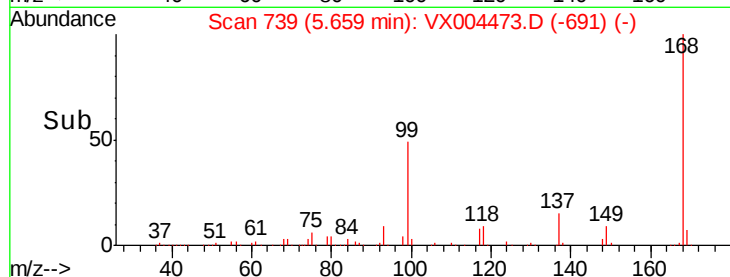
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 21.77 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.01 min

Lab File: VX004473.D

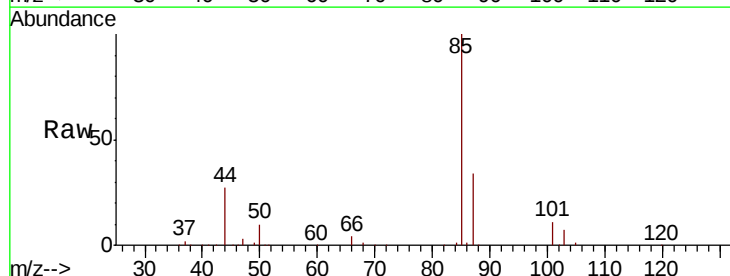
Acq: 11 Sep 2018 18:47

Tgt Ion: 85 Resp: 49449

Ion Ratio Lower Upper

85 100

87 34.0 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

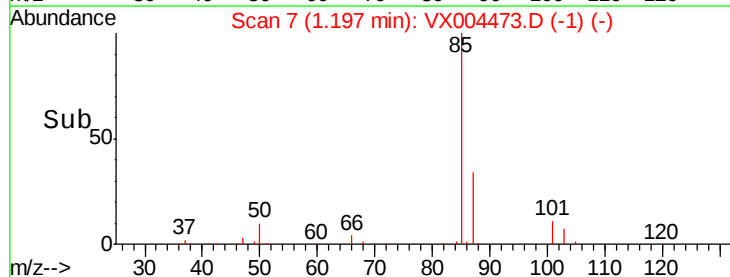
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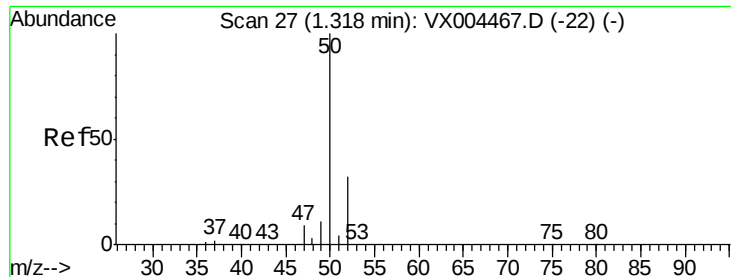
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 21.74 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX004473.D

Acq: 11 Sep 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

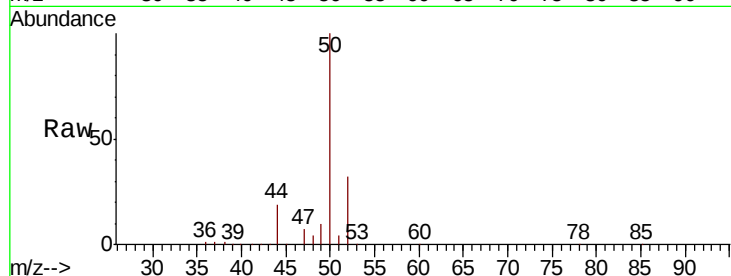
VX0911WBSD01

Tot Ion: 50 Resp: 67951

Ion Ratio Lower Upper

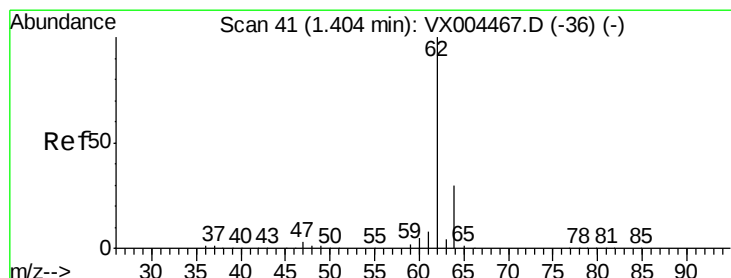
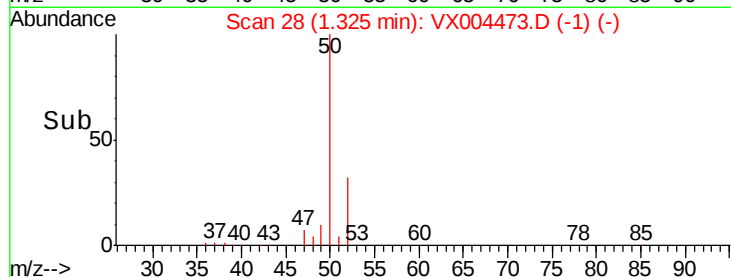
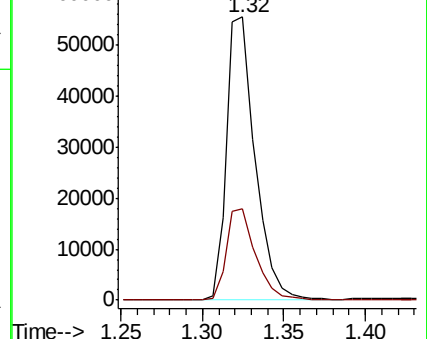
50 100

52 32.4 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 21.86 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004473.D

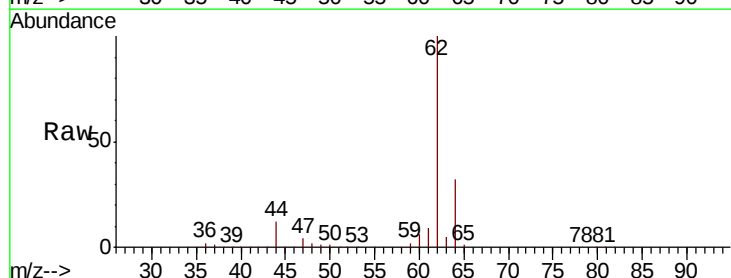
Acq: 11 Sep 2018 18:47

Tgt Ion: 62 Resp: 70121

Ion Ratio Lower Upper

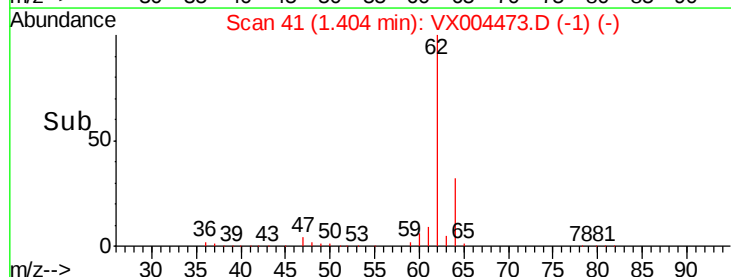
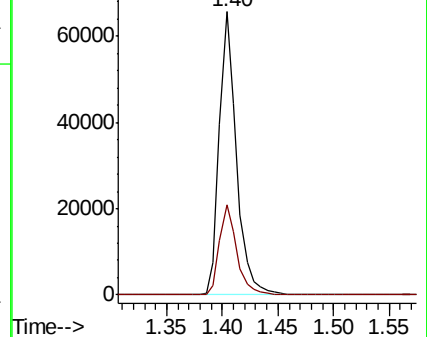
62 100

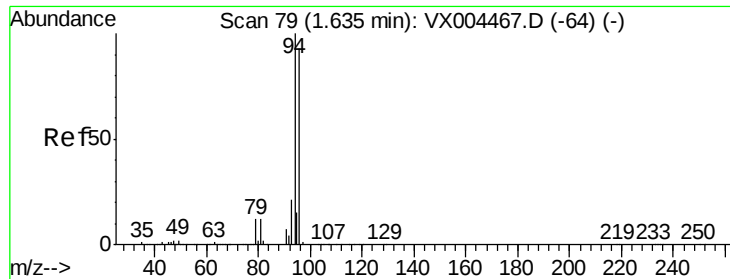
64 32.0 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 28.26 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004473.D

Acq: 11 Sep 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

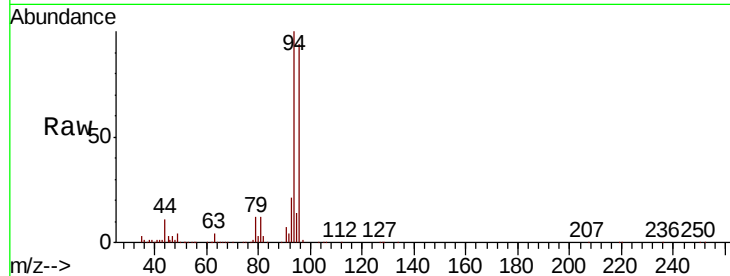
VX0911WBSD01

Tot Ion: 94 Resp: 38640

Ion Ratio Lower Upper

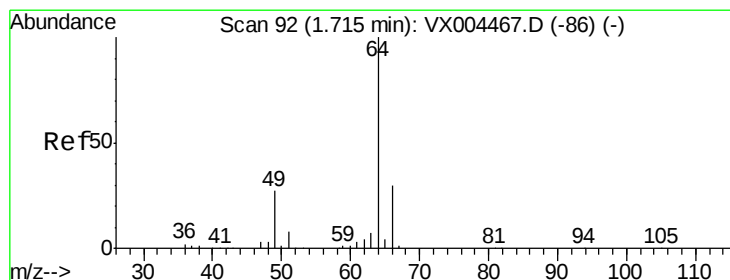
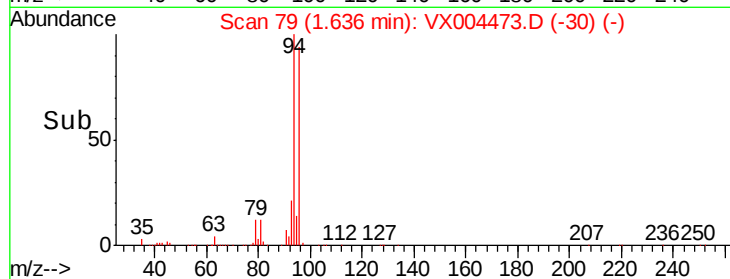
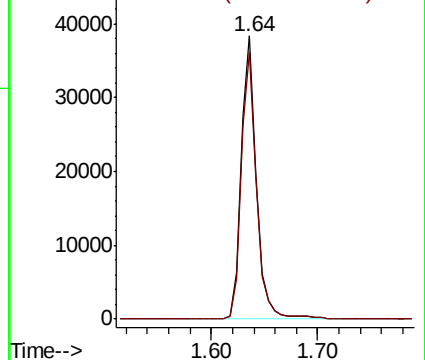
94 100

96 94.2 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.61 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004473.D

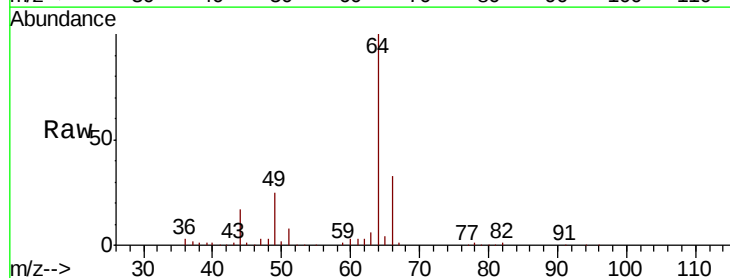
Acq: 11 Sep 2018 18:47

Tgt Ion: 64 Resp: 42760

Ion Ratio Lower Upper

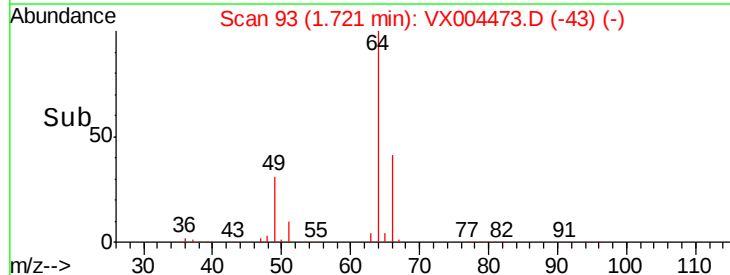
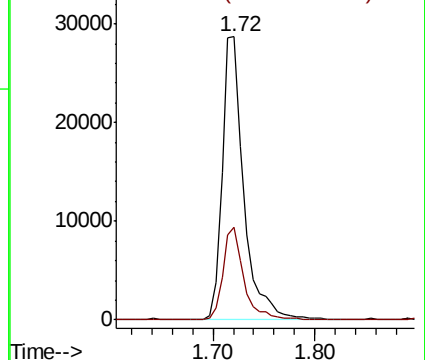
64 100

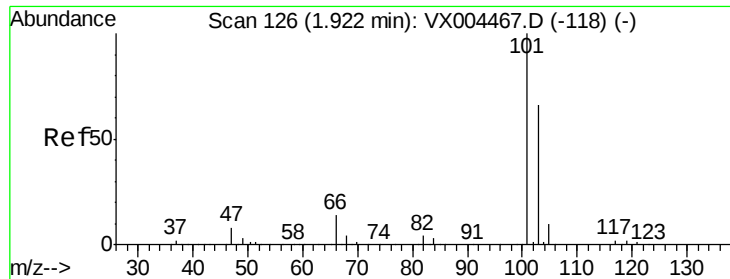
66 32.9 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



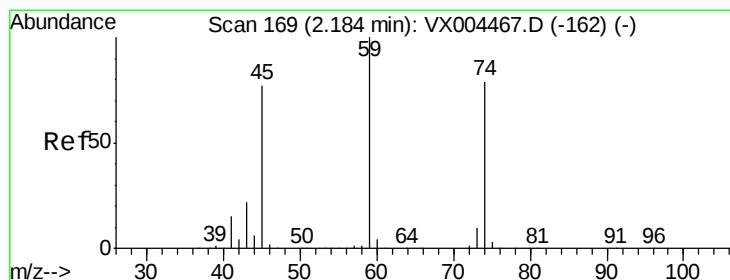
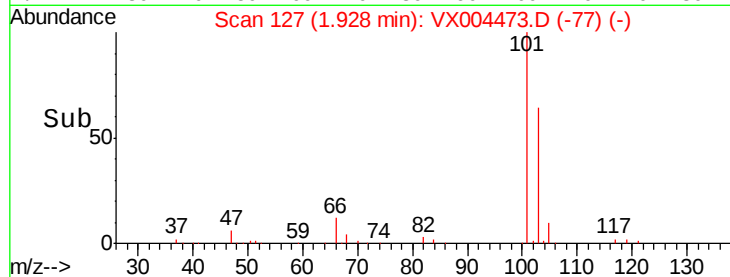
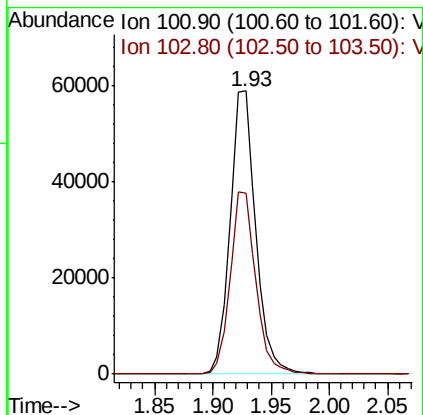
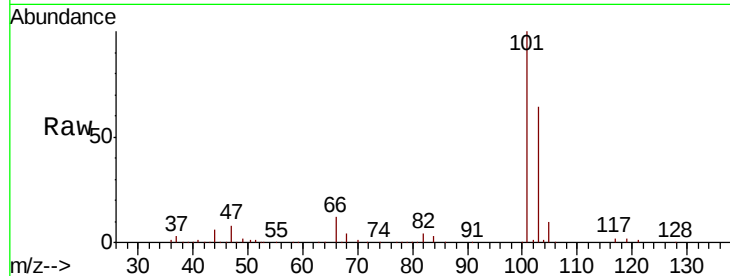


#7

Trichlorofluoromethane
 Concen: 21.28 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX004473.D
 Acq: 11 Sep 2018 18:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911WBSD01

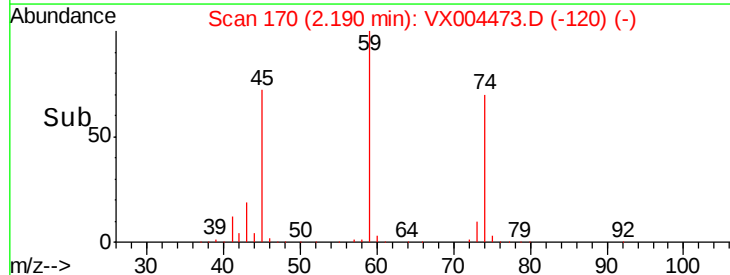
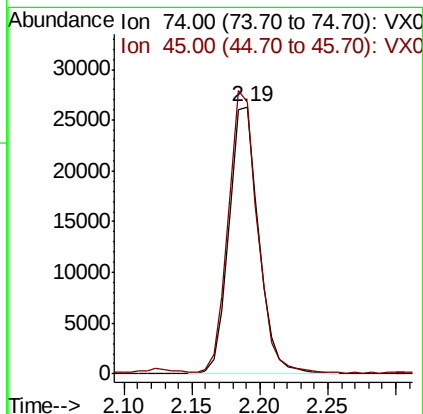
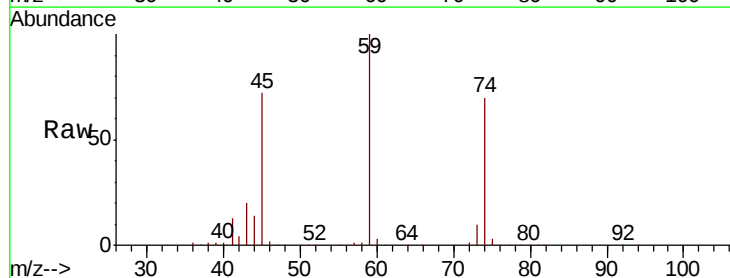
Tot Ion:101 Resp: 90504
 Ion Ratio Lower Upper
 101 100
 103 64.0 48.9 73.3

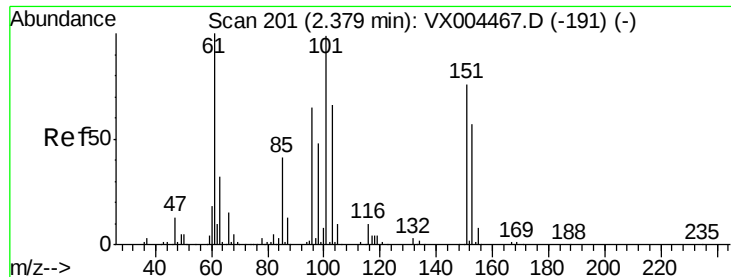


#8

Diethyl Ether
 Concen: 21.02 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX004473.D
 Acq: 11 Sep 2018 18:47

Tgt Ion: 74 Resp: 40067
 Ion Ratio Lower Upper
 74 100
 45 104.0 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.70 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX004473.D

Acq: 11 Sep 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

VX0911WBSD01

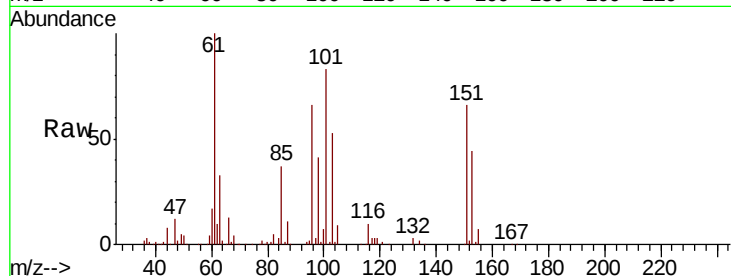
Tot Ion:101 Resp: 55850

Ion Ratio Lower Upper

101 100

85 44.2 34.2 51.4

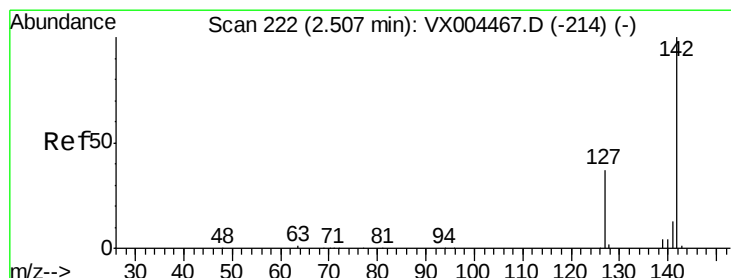
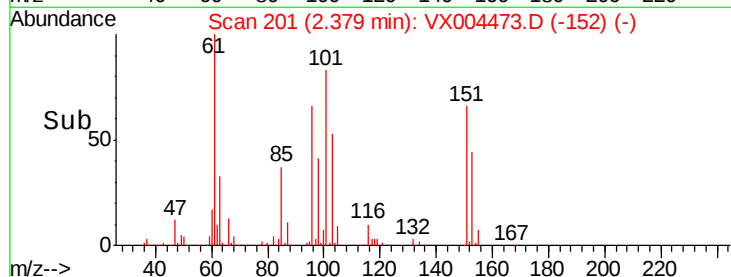
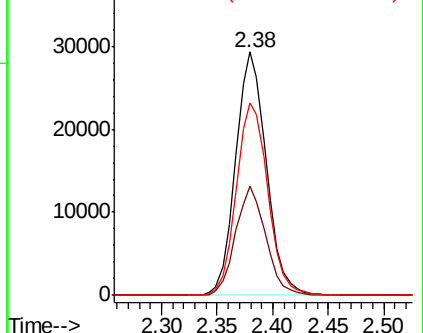
151 81.4 65.0 97.6



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: 19.99 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004473.D

Acq: 11 Sep 2018 18:47

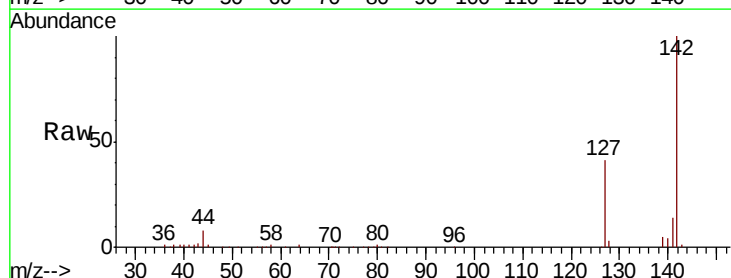
Tgt Ion:142 Resp: 55472

Ion Ratio Lower Upper

142 100

127 41.6 33.8 50.6

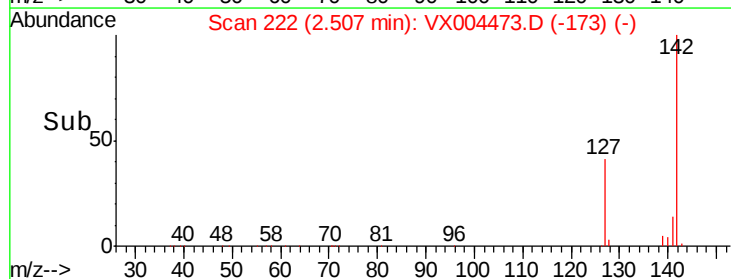
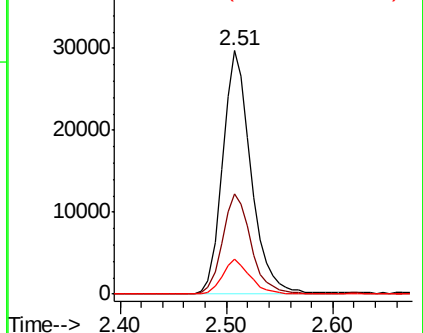
141 14.0 11.4 17.0

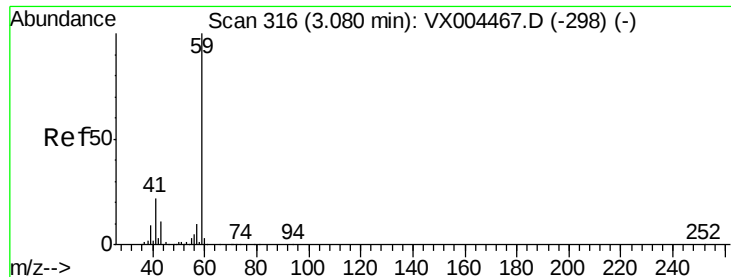


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

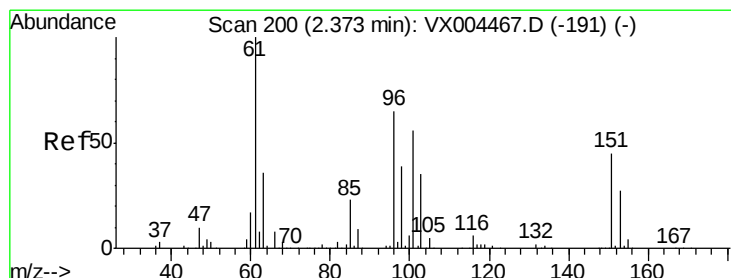
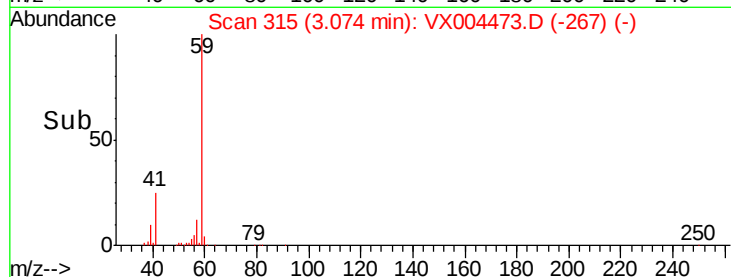
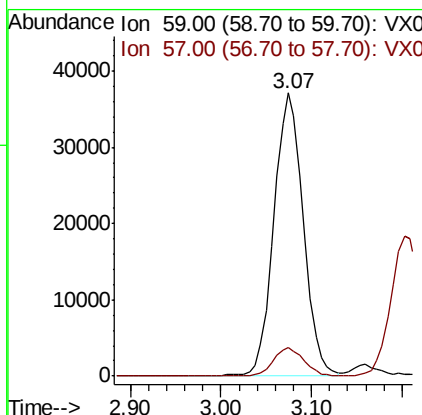
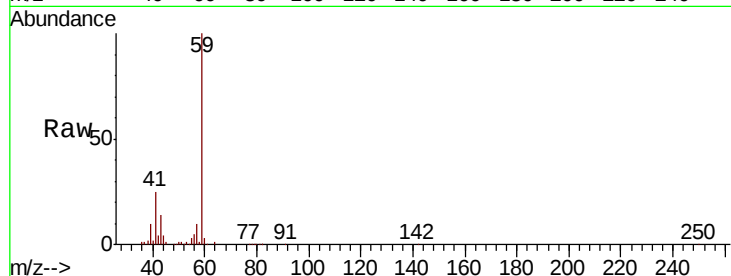




#11
Tert butyl alcohol
Concen: 111.57 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX004473.D
Acq: 11 Sep 2018 18:47

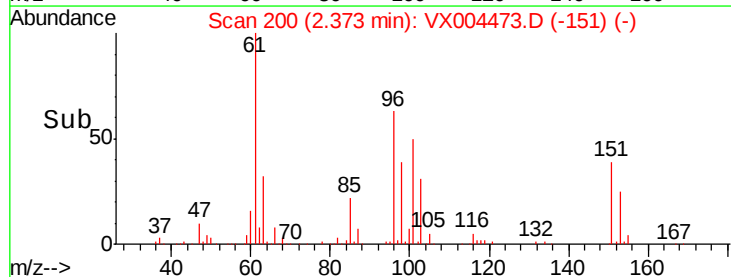
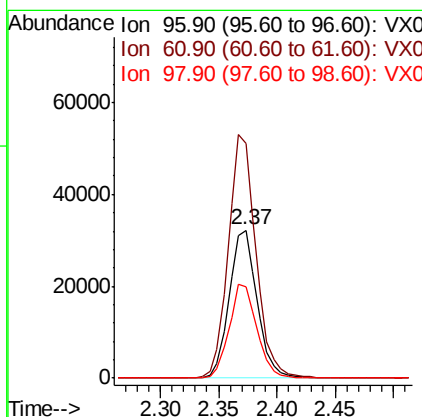
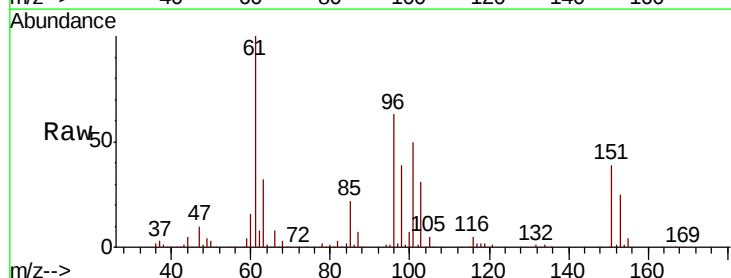
Instrument :
MSVOA_X
ClientSampleId :
VX0911WBSD01

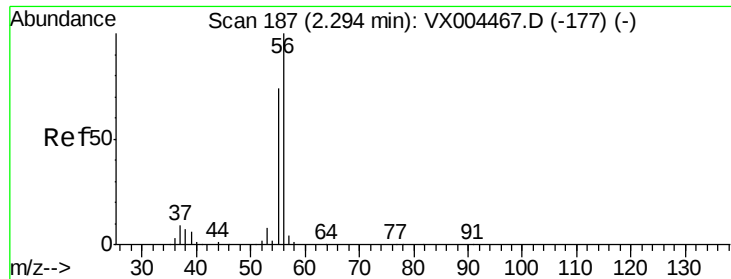
Tot Ion: 59 Resp: 83174
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4



#12
1,1-Dichloroethene
Concen: 21.21 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX004473.D
Acq: 11 Sep 2018 18:47

Tgt Ion: 96 Resp: 53707
Ion Ratio Lower Upper
96 100
61 158.6 128.8 193.2
98 61.8 52.2 78.2

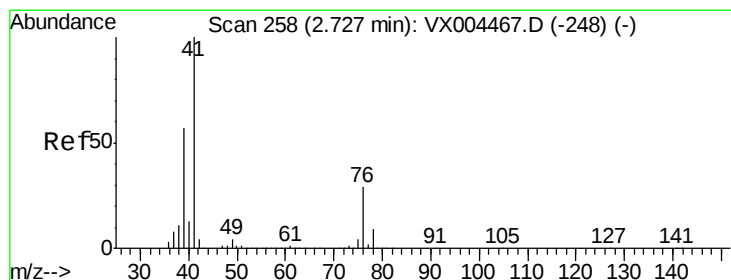
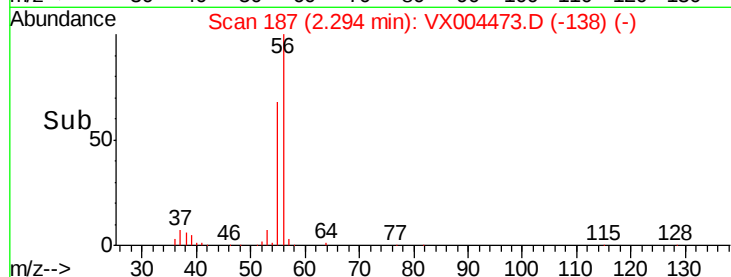
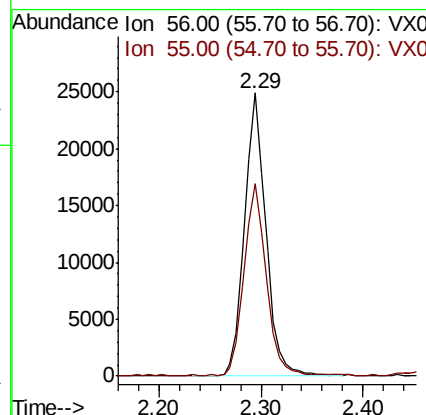
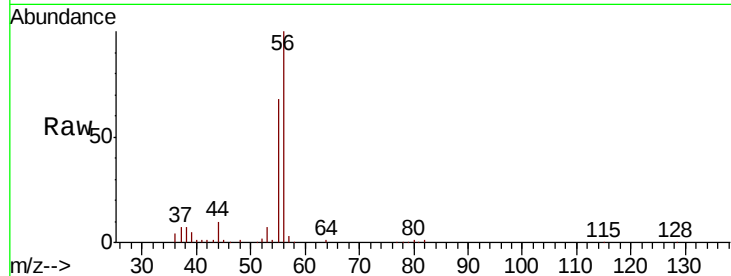




#13
Acrolein
Concen: 123.04 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX004473.D
Acq: 11 Sep 2018 18:47

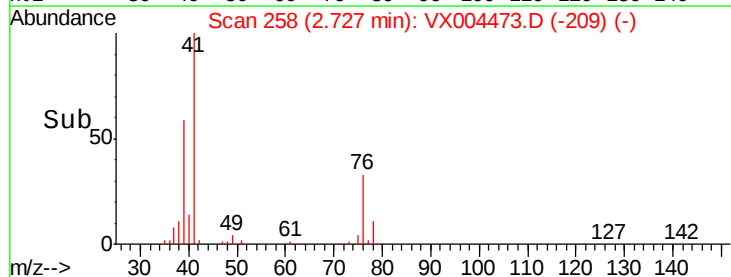
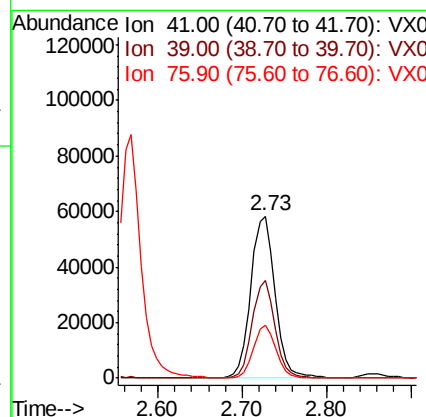
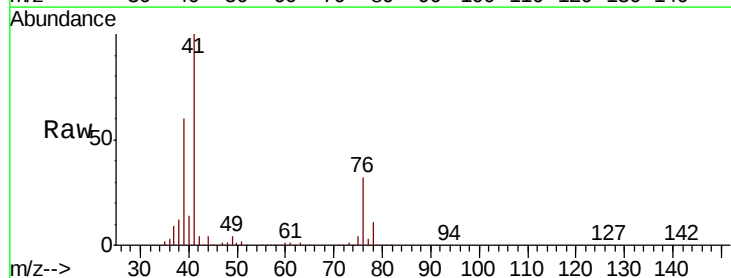
Instrument :
MSVOA_X
ClientSampleId :
VX0911WBSD01

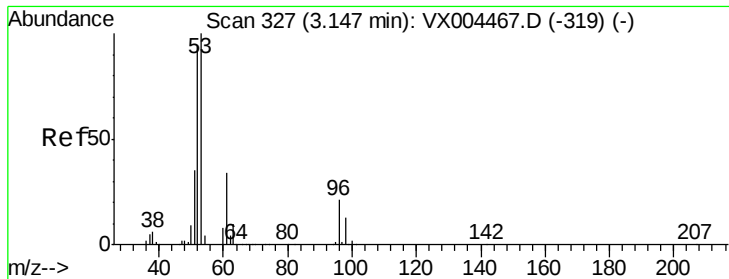
Tot Ion: 56 Resp: 36209
Ion Ratio Lower Upper
56 100
55 71.4 54.7 82.1



#14
Allyl chloride
Concen: 21.67 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX004473.D
Acq: 11 Sep 2018 18:47

Tgt Ion: 41 Resp: 112784
Ion Ratio Lower Upper
41 100
39 56.3 48.9 73.3
76 30.6 26.7 40.1





#15

Acrylonitrile

Concen: 108.99 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX004473.D

Acq: 11 Sep 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

VX0911WBSD01

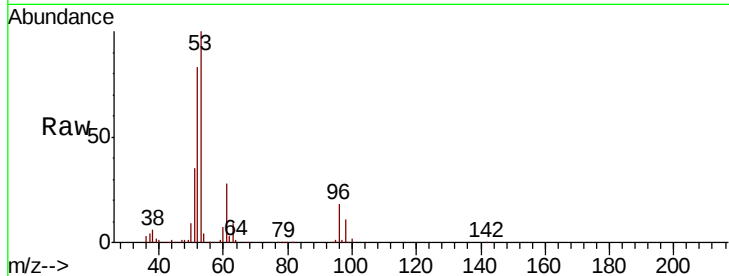
Tot Ion: 53 Resp: 195674

Ion Ratio Lower Upper

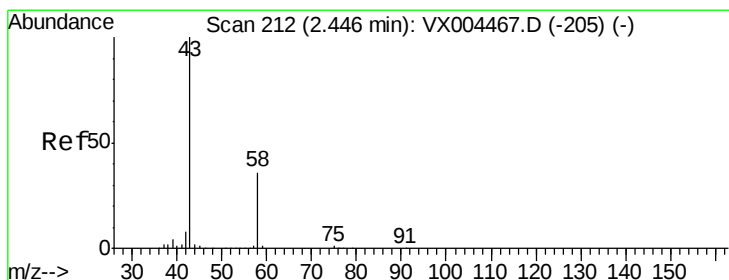
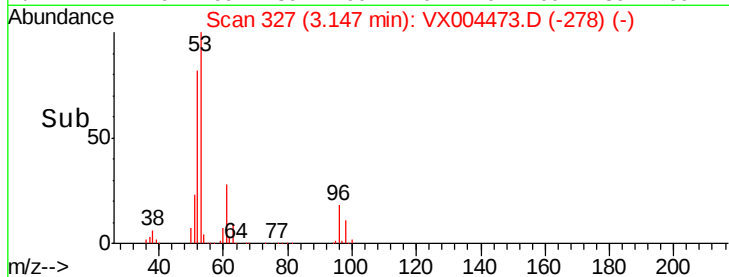
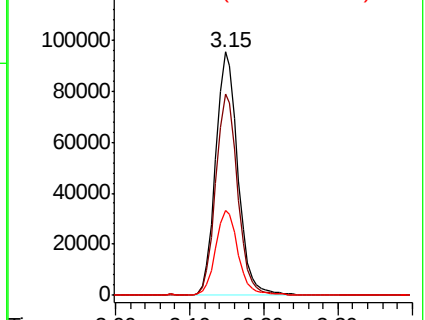
53 100

52 82.1 65.2 97.8

51 35.4 28.2 42.2



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



#16

Acetone

Concen: 104.33 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004473.D

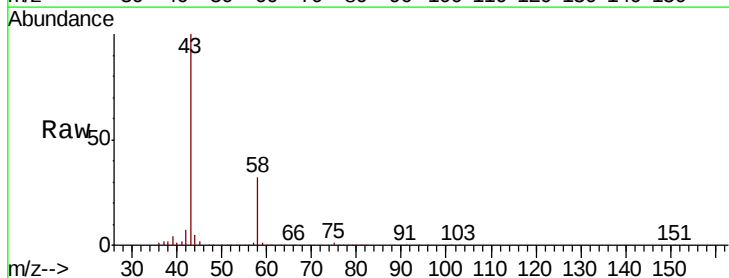
Acq: 11 Sep 2018 18:47

Tgt Ion: 43 Resp: 159093

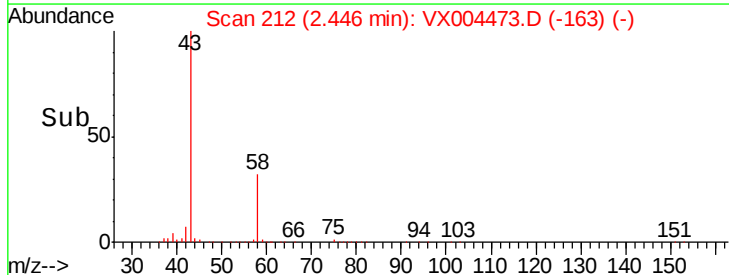
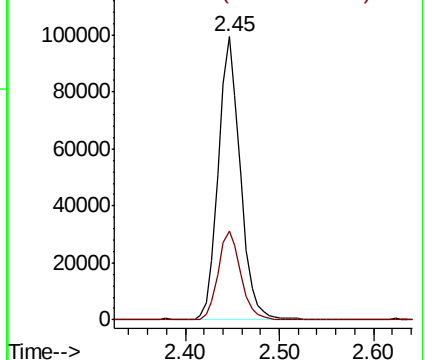
Ion Ratio Lower Upper

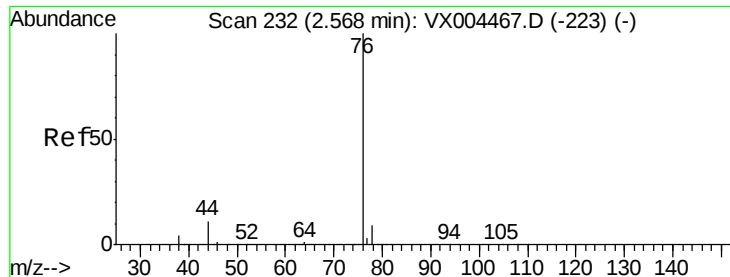
43 100

58 31.6 26.2 39.4



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





#17

Carbon Disulfide

Concen: 21.36 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX004473.D

Acq: 11 Sep 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

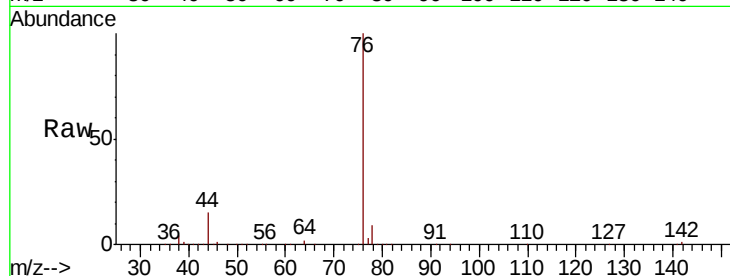
VX0911WBSD01

Tot Ion: 76 Resp: 156280

Ion Ratio Lower Upper

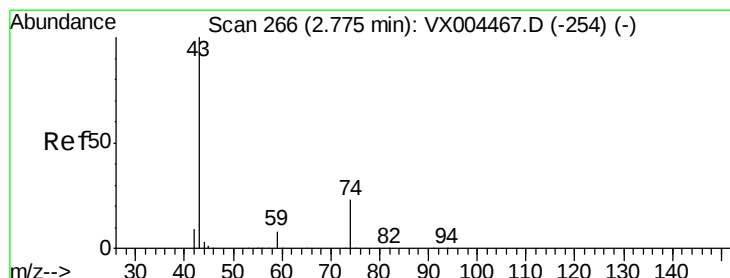
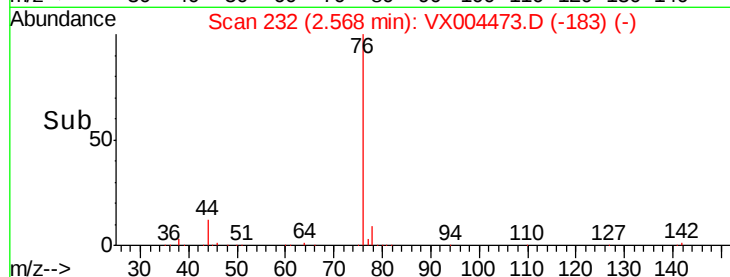
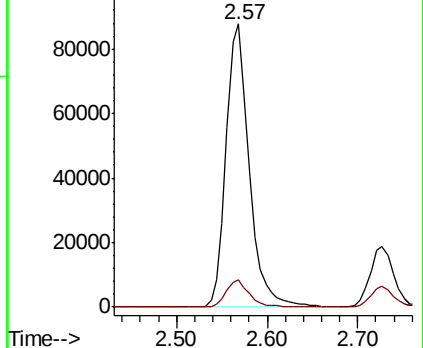
76 100

78 9.4 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.49 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX004473.D

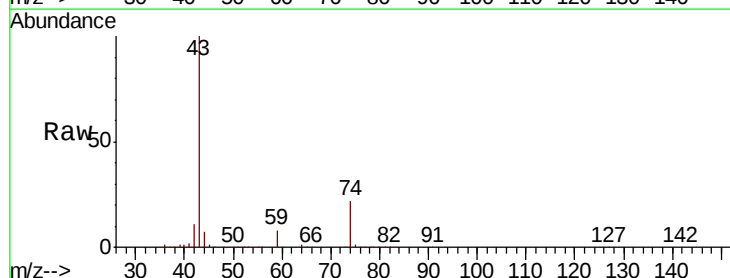
Acq: 11 Sep 2018 18:47

Tgt Ion: 43 Resp: 91919

Ion Ratio Lower Upper

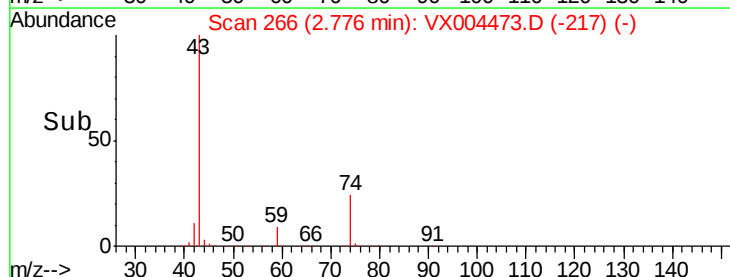
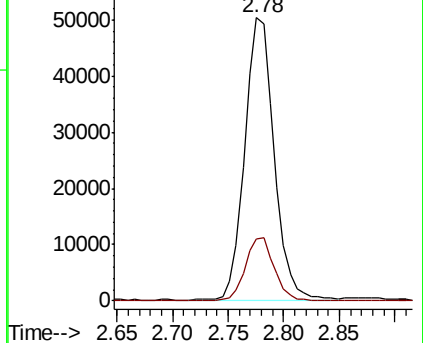
43 100

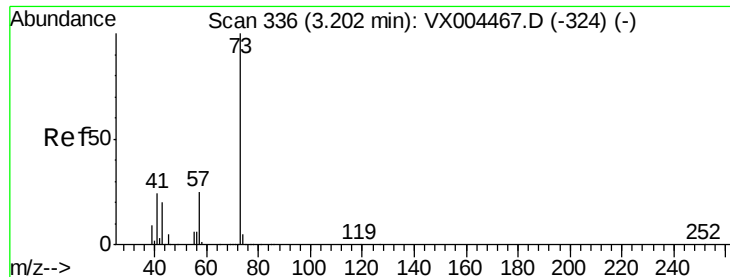
74 21.7 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



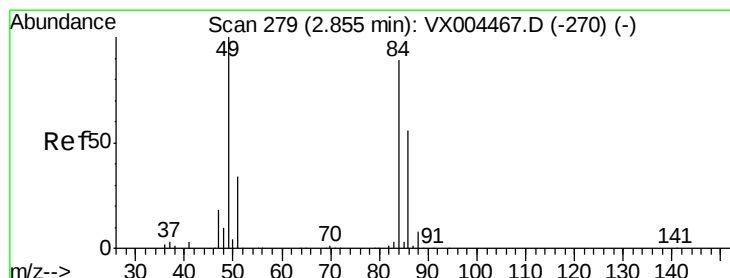
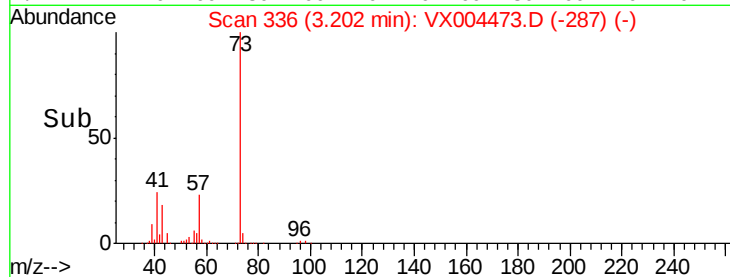
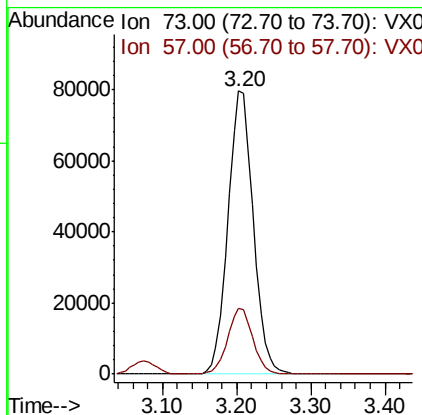
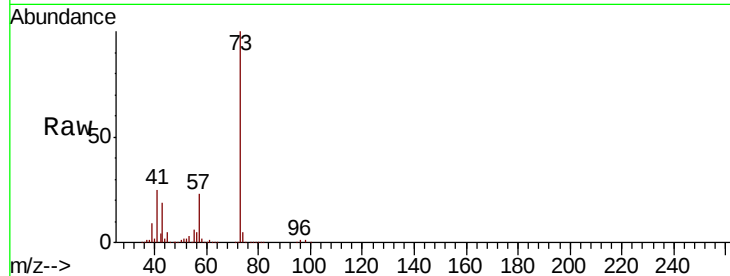


#19

Methyl tert-butyl Ether
 Concen: 21.33 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX004473.D
 Acq: 11 Sep 2018 18:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911WBSD01

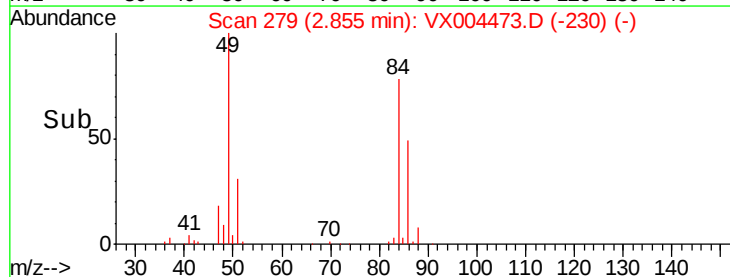
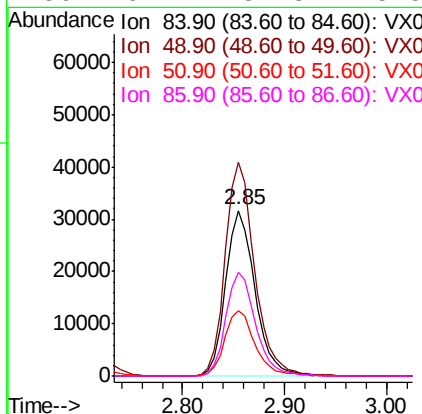
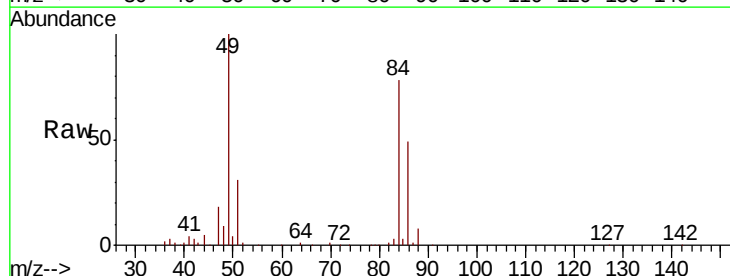
Tot Ion: 73 Resp: 189446
 Ion Ratio Lower Upper
 73 100
 57 23.0 17.1 25.7



#20

Methylene Chloride
 Concen: 20.24 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX004473.D
 Acq: 11 Sep 2018 18:47

Tgt Ion: 84 Resp: 63300
 Ion Ratio Lower Upper
 84 100
 49 129.0 101.2 151.8
 51 39.1 29.5 44.3
 86 62.7 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 21.08 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX004473.D

Acq: 11 Sep 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

VX0911WBSD01

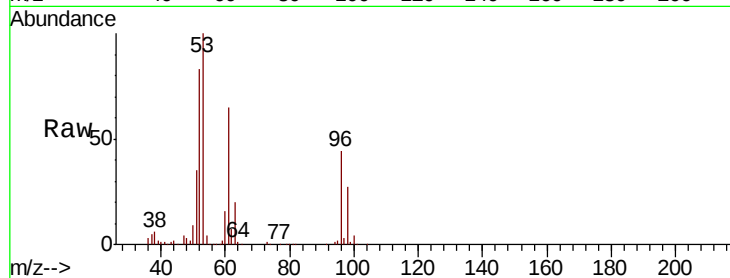
Tot Ion: 96 Resp: 58982

Ion Ratio Lower Upper

96 100

61 147.0 113.8 170.6

98 61.7 51.8 77.8

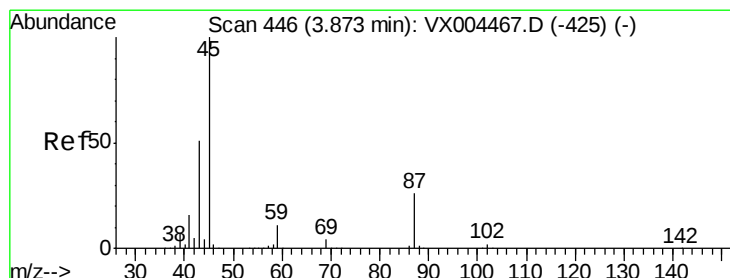
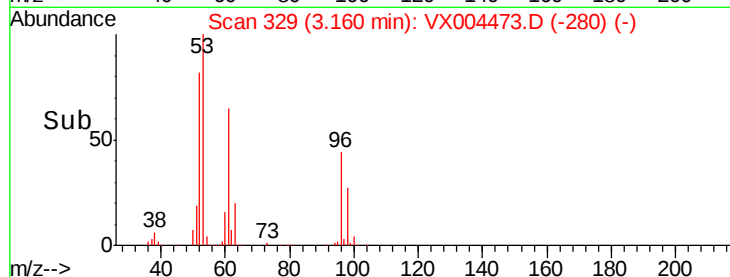
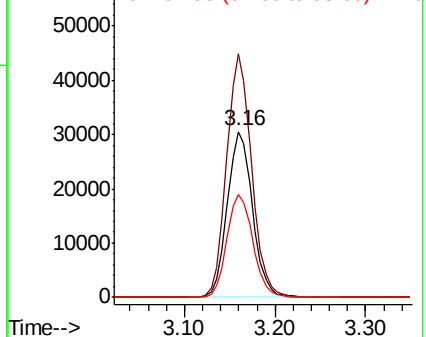


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 21.08 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX004473.D

Acq: 11 Sep 2018 18:47

Tgt Ion: 45 Resp: 197662

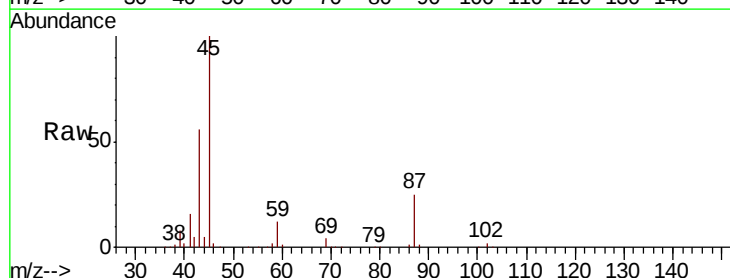
Ion Ratio Lower Upper

45 100

43 55.7 42.8 64.2

87 25.2 22.6 34.0

59 11.6 9.6 14.4



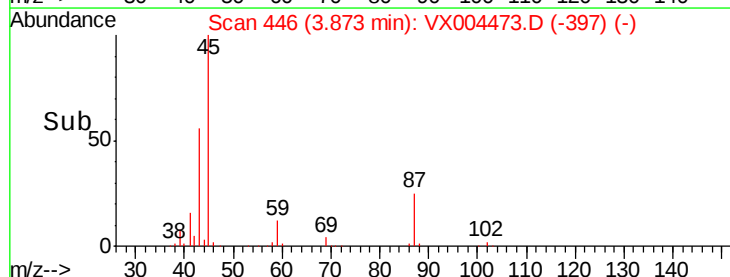
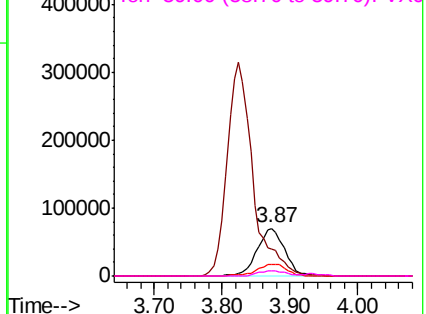
Abundance

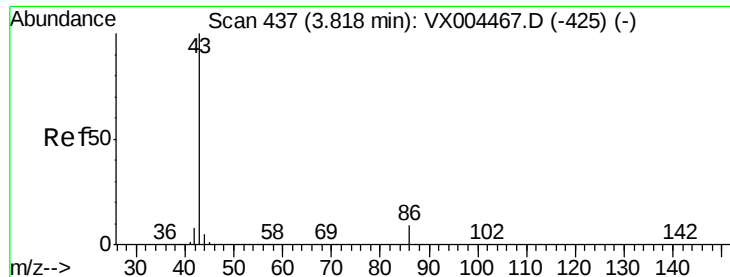
Ion 45.00 (44.70 to 45.70): VX0

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: 109.09 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX004473.D

Acq: 11 Sep 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

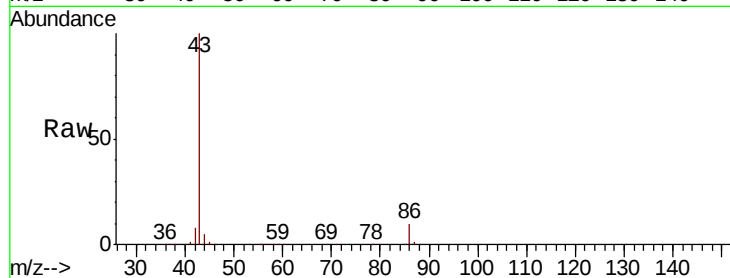
VX0911WBSD01

Tot Ion: 43 Resp: 827570

Ion Ratio Lower Upper

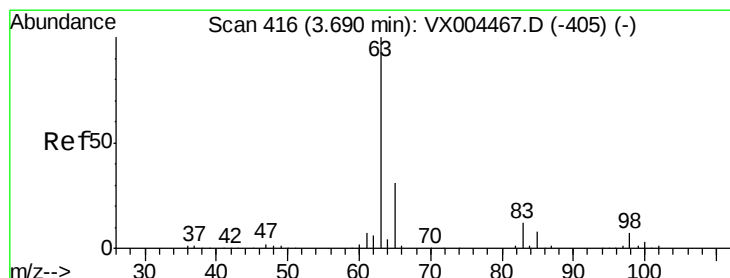
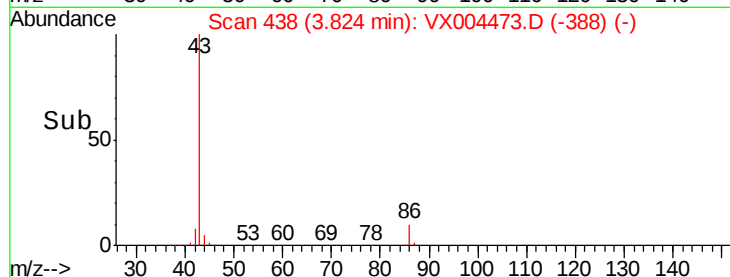
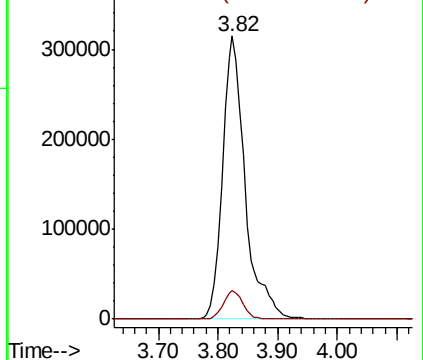
43 100

86 10.2 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 21.68 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX004473.D

Acq: 11 Sep 2018 18:47

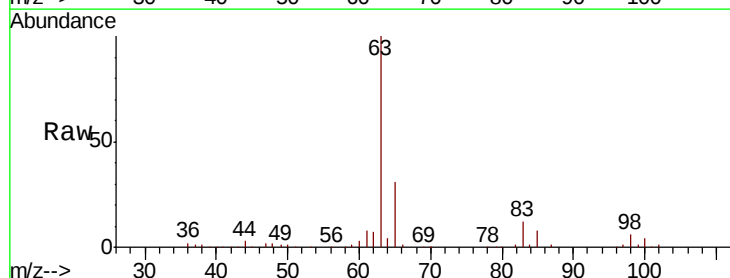
Tgt Ion: 63 Resp: 114738

Ion Ratio Lower Upper

63 100

98 6.1 3.5 10.4

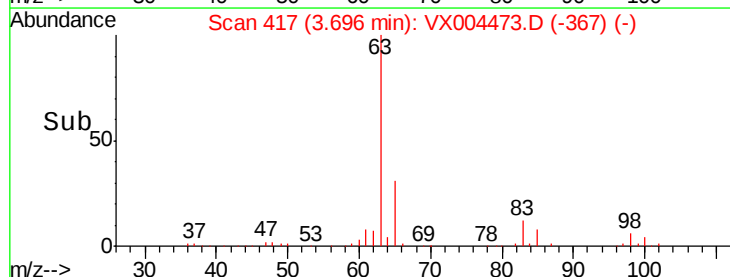
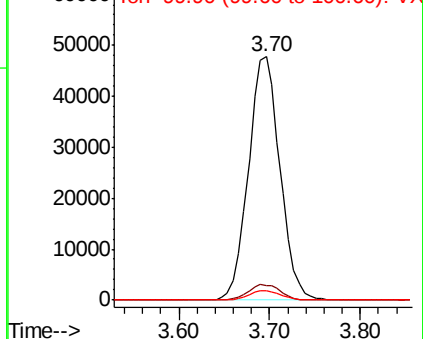
100 4.0 2.4 7.1

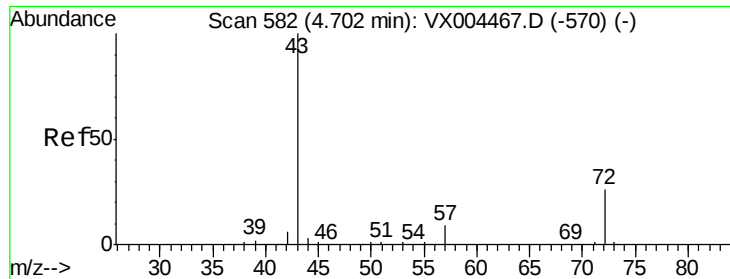


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 101.88 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX004473.D

Acq: 11 Sep 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

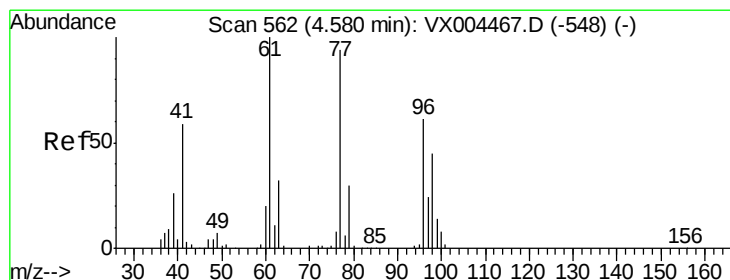
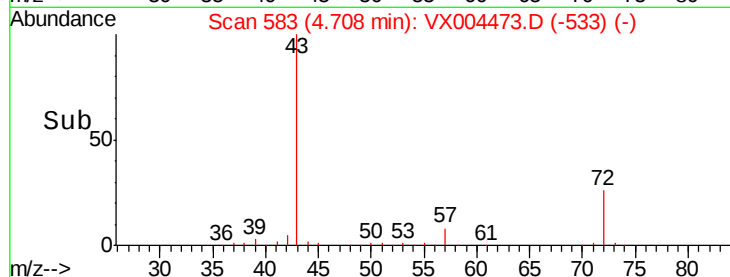
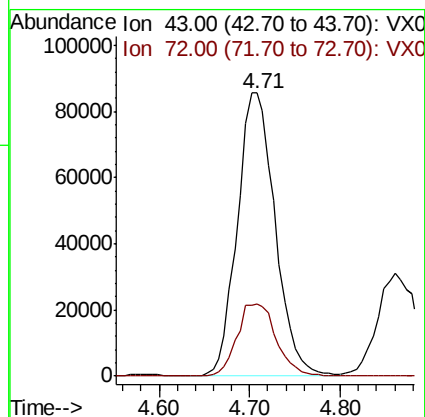
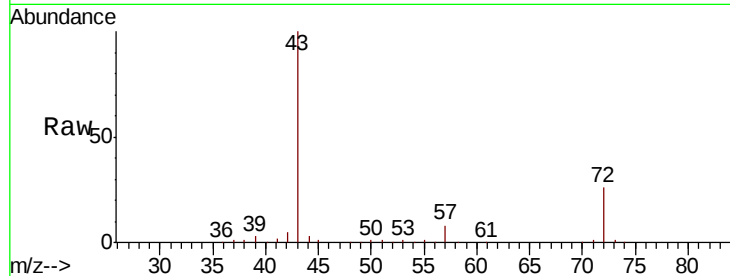
VX0911WBSD01

Tot Ion: 43 Resp: 247258

Ion Ratio Lower Upper

43 100

72 25.6 22.0 33.0



#26

2,2-Dichloropropane

Concen: 20.17 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX004473.D

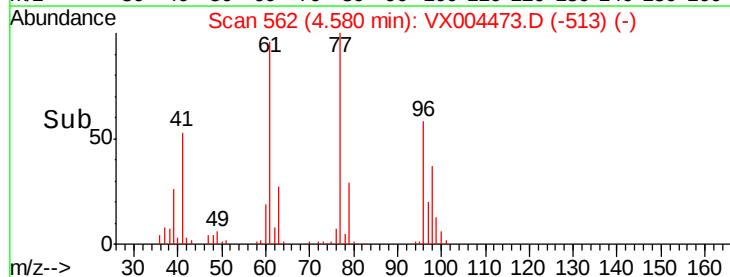
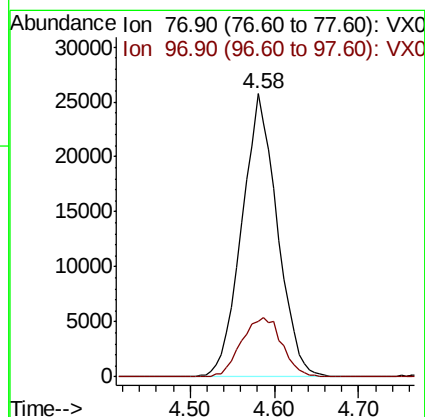
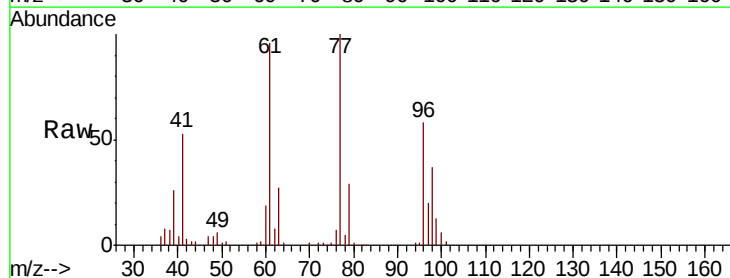
Acq: 11 Sep 2018 18:47

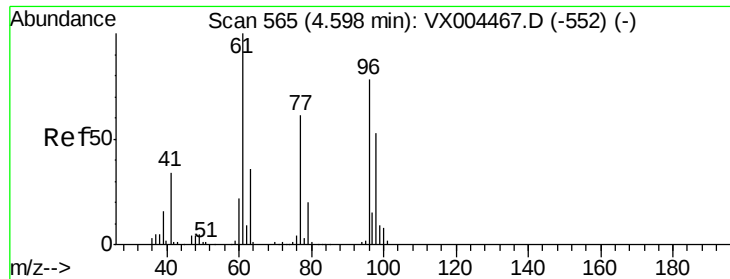
Tgt Ion: 77 Resp: 73309

Ion Ratio Lower Upper

77 100

97 24.1 11.7 35.0



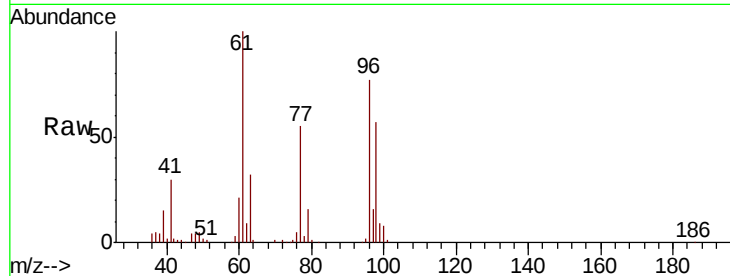


#27

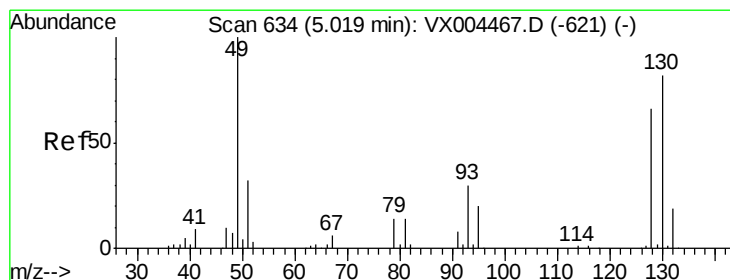
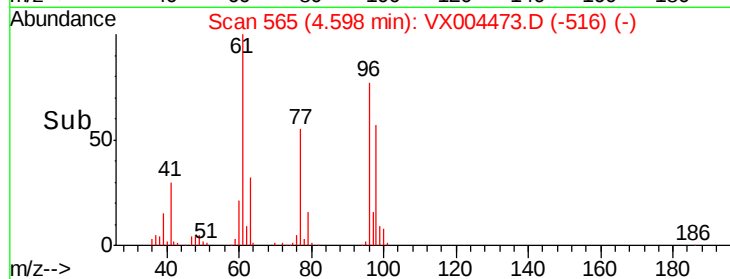
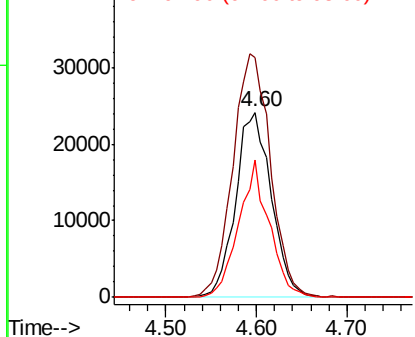
cis-1,2-Dichloroethene
Concen: 21.05 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX004473.D
Acq: 11 Sep 2018 18:47

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBSD01

Tot Ion: 96 Resp: 65745
Ion Ratio Lower Upper
96 100
61 139.8 0.0 282.6
98 63.5 0.0 130.2



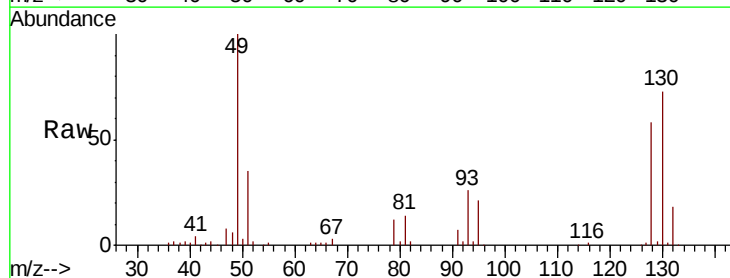
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



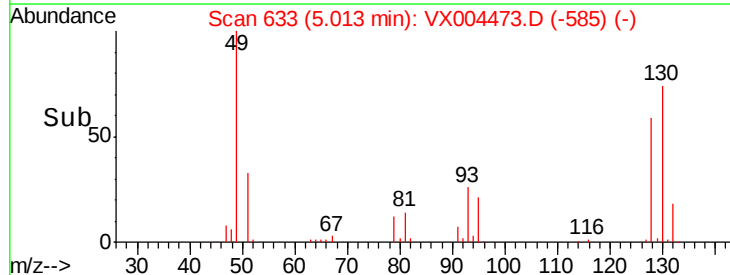
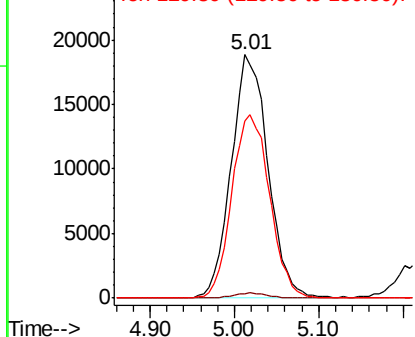
#28

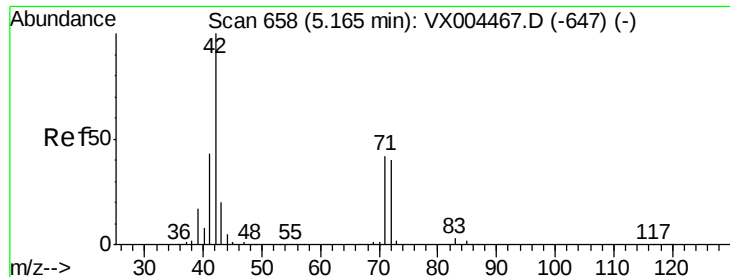
Bromochloromethane
Concen: 23.02 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX004473.D
Acq: 11 Sep 2018 18:47

Tgt Ion: 49 Resp: 55720
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.2
130 77.2 67.5 101.3



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

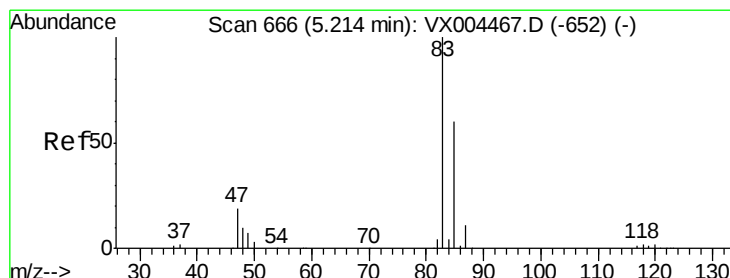
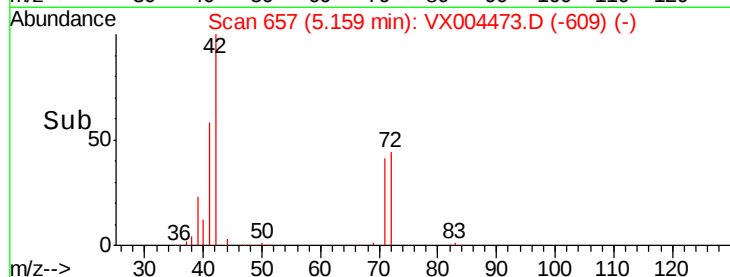
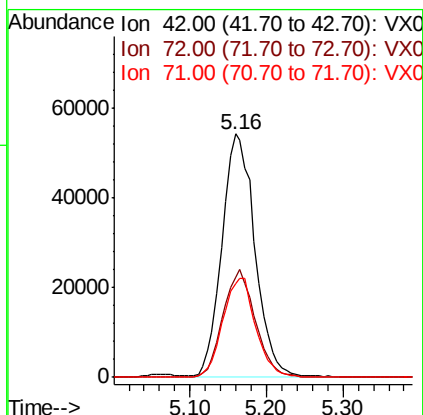
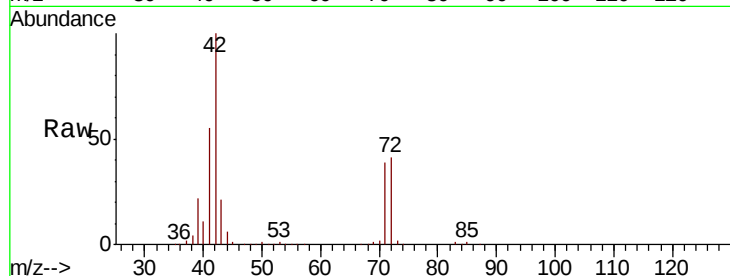




#29
Tetrahydrofuran
Concen: 110.43 ug/l
RT: 5.16 min Scan# 657
Delta R.T. -0.01 min
Lab File: VX004473.D
Acq: 11 Sep 2018 18:47

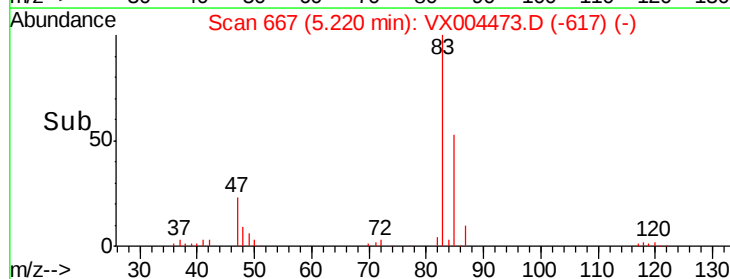
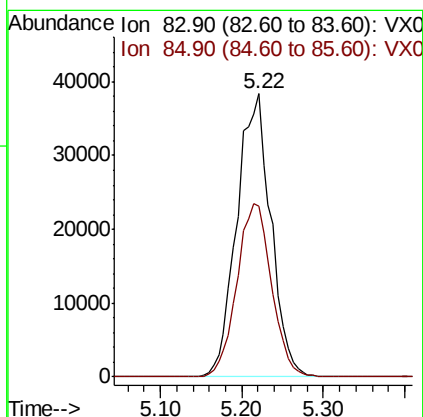
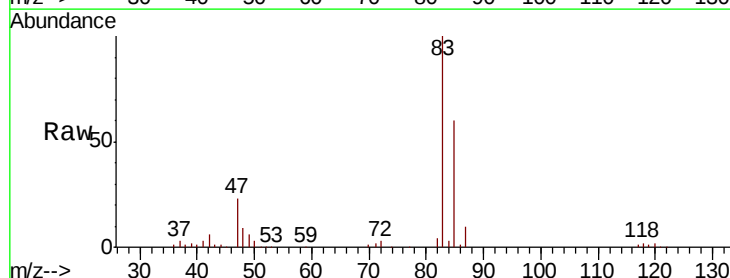
Instrument :
MSVOA_X
ClientSampleId :
VX0911WBSD01

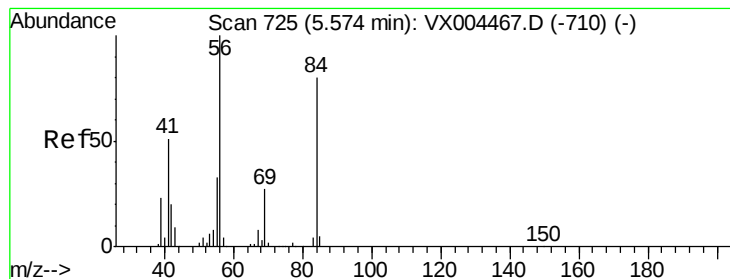
Tot Ion: 42 Resp: 161623
Ion Ratio Lower Upper
42 100
72 43.7 37.4 56.0
71 40.7 34.5 51.7



#30
Chloroform
Concen: 21.44 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX004473.D
Acq: 11 Sep 2018 18:47

Tgt Ion: 83 Resp: 110777
Ion Ratio Lower Upper
83 100
85 60.2 52.6 79.0





#31

Cyclohexane

Concen: 20.75 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX004473.D

Acq: 11 Sep 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

VX0911WBSD01

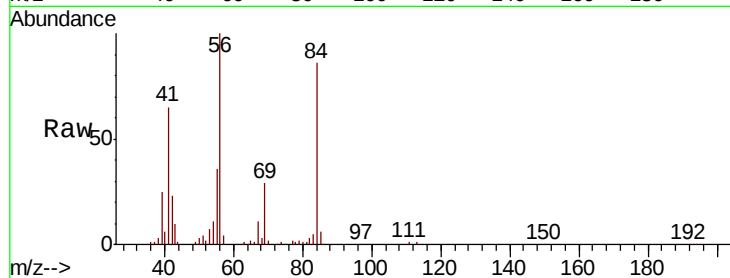
Tot Ion: 56 Resp: 93767

Ion Ratio Lower Upper

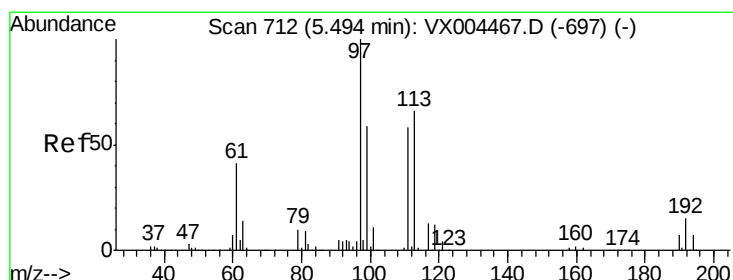
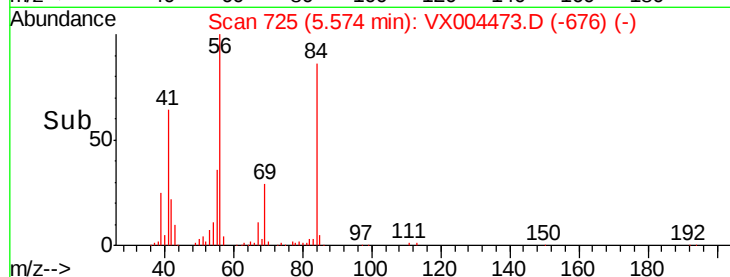
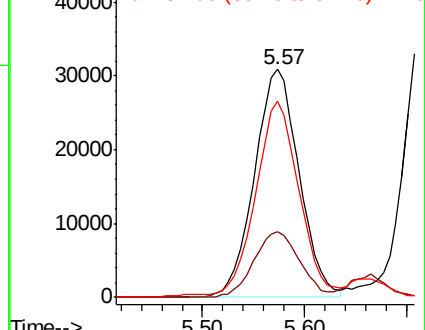
56 100

69 28.6 25.4 38.2

84 85.0 71.4 107.2



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



#32

1,1,1-Trichloroethane

Concen: 20.66 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX004473.D

Acq: 11 Sep 2018 18:47

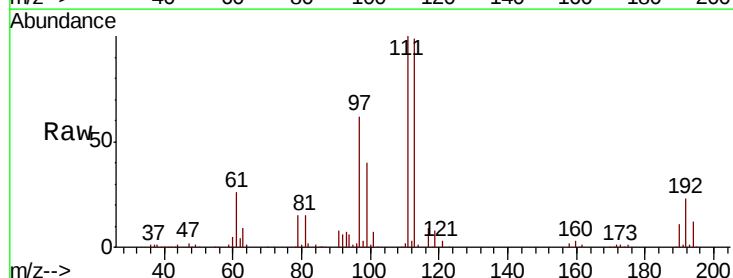
Tgt Ion: 97 Resp: 85976

Ion Ratio Lower Upper

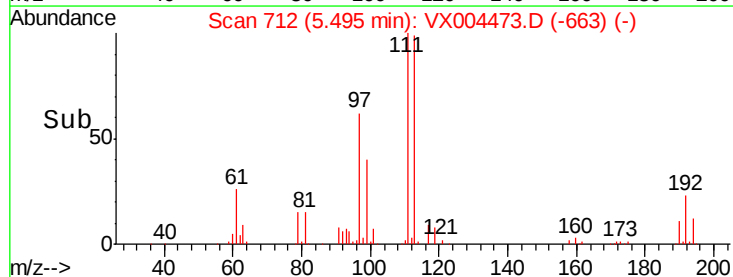
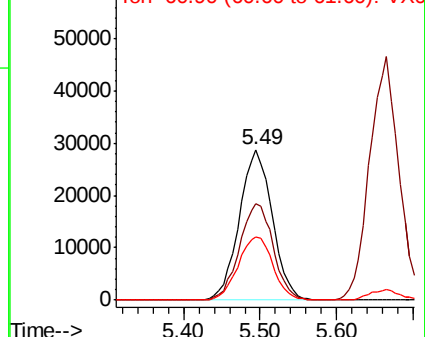
97 100

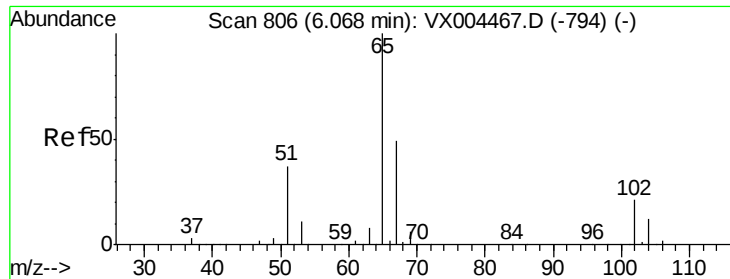
99 65.4 52.0 78.0

61 44.3 34.9 52.3



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

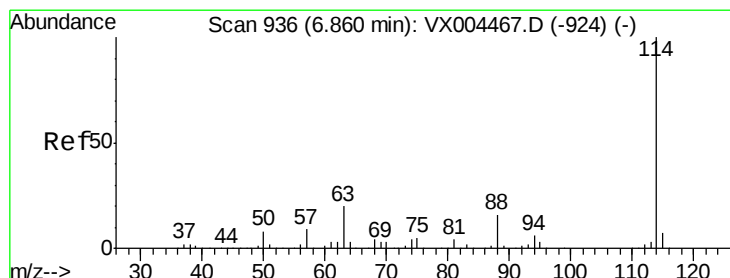
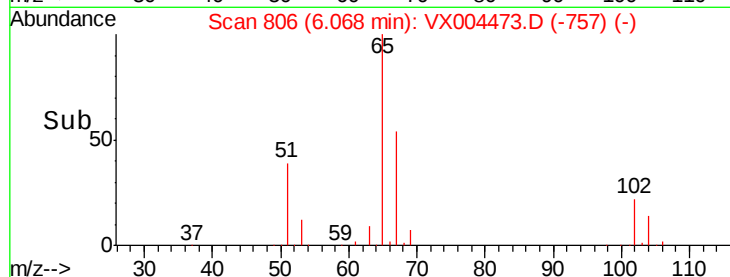
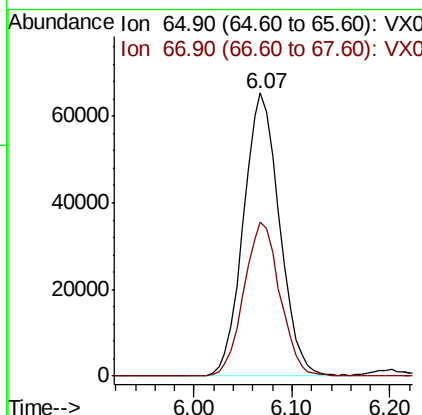
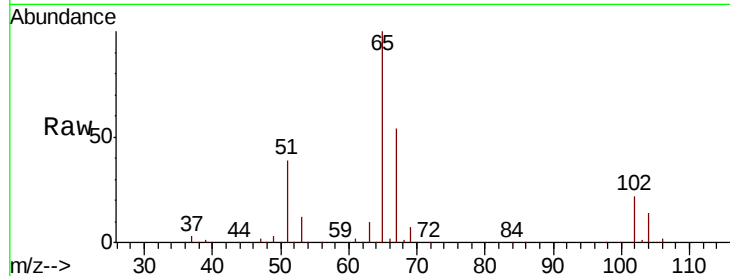




#33
 1,2-Dichloroethane-d4
 Concen: 53.53 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004473.D
 Acq: 11 Sep 2018 18:47

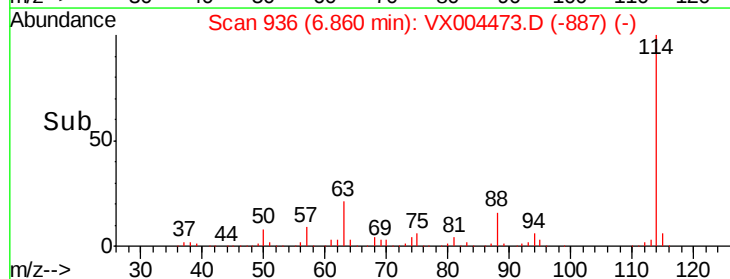
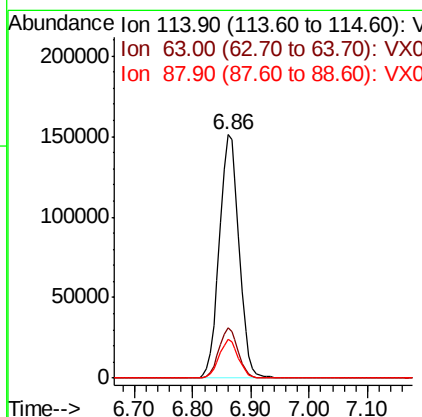
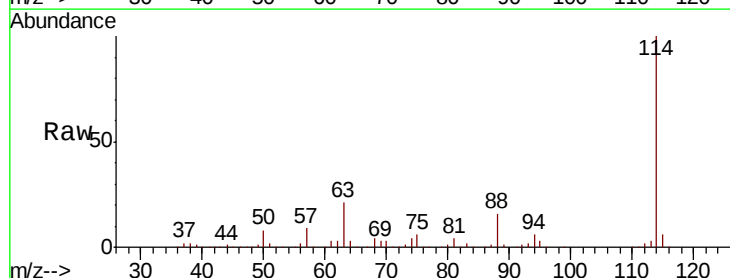
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911WBSD01

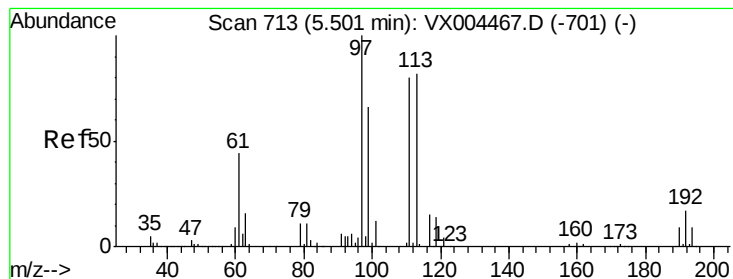
Tot Ion: 65 Resp: 167257
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004473.D
 Acq: 11 Sep 2018 18:47

Tgt Ion: 114 Resp: 354792
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 39.0
 88 15.8 0.0 30.4





#35

Dibromofluoromethane

Concen: 43.28 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX004473.D

Acq: 11 Sep 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

VX0911WBSD01

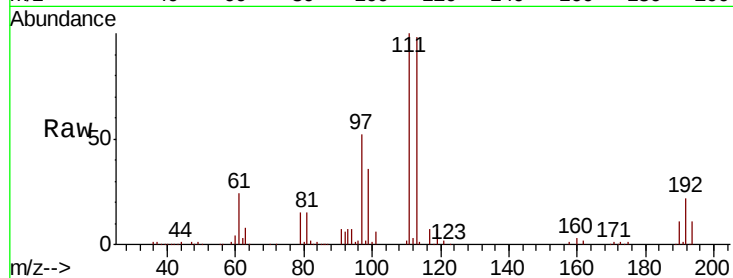
Tot Ion:113 Resp: 140519

Ion Ratio Lower Upper

113 100

111 101.3 82.4 123.6

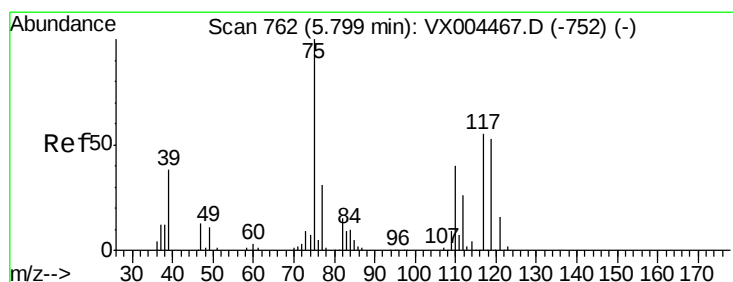
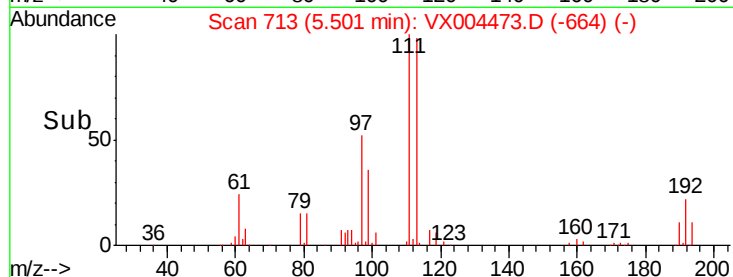
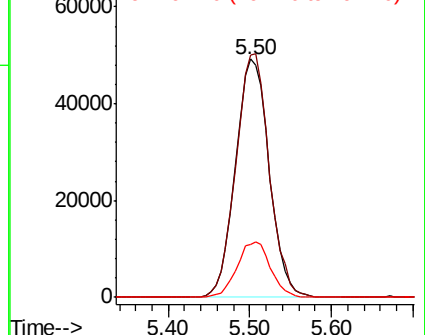
192 23.2 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.03 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX004473.D

Acq: 11 Sep 2018 18:47

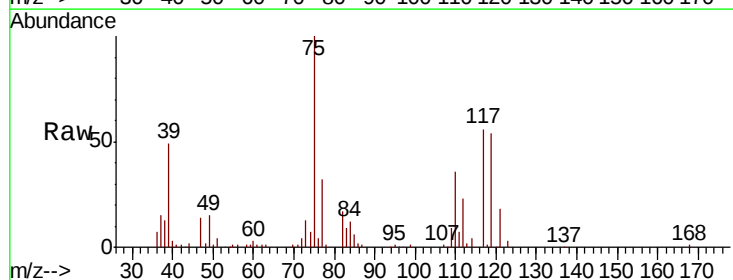
Tgt Ion: 75 Resp: 77662

Ion Ratio Lower Upper

75 100

110 36.3 18.0 54.0

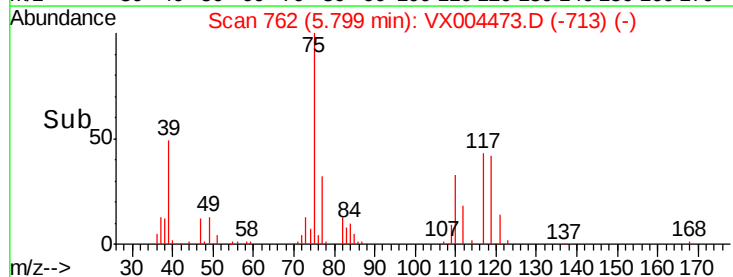
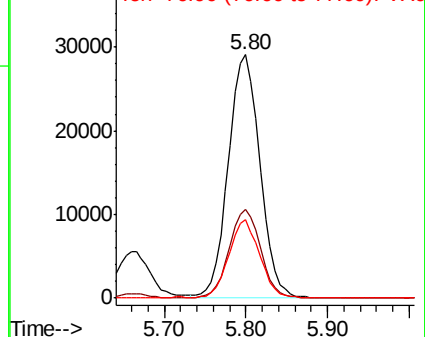
77 31.6 24.6 36.8

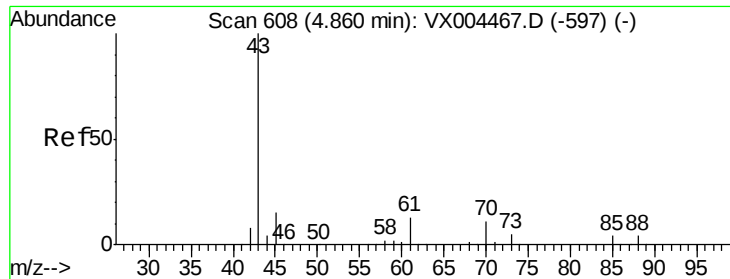


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

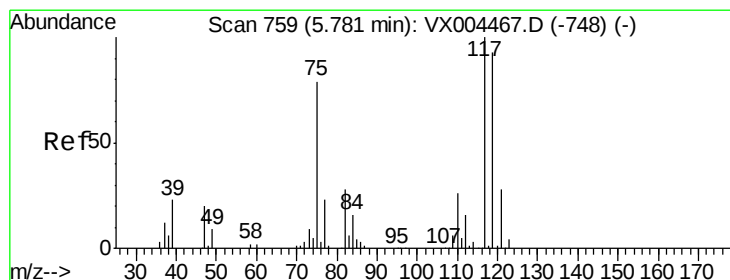
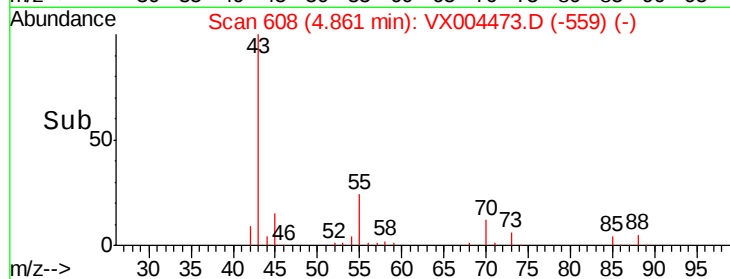
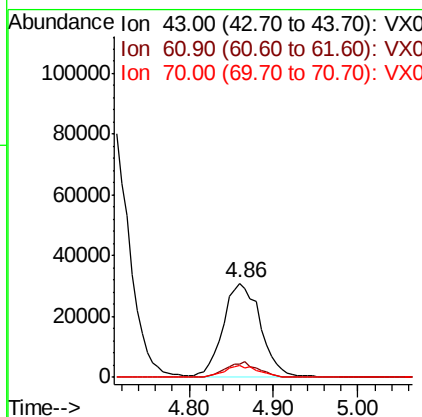
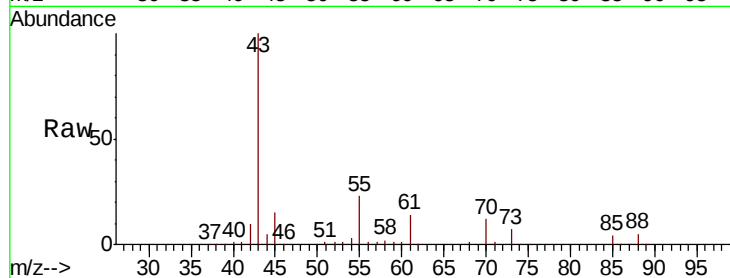




#37
Ethyl Acetate
Concen: 18.98 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX004473.D
Acq: 11 Sep 2018 18:47

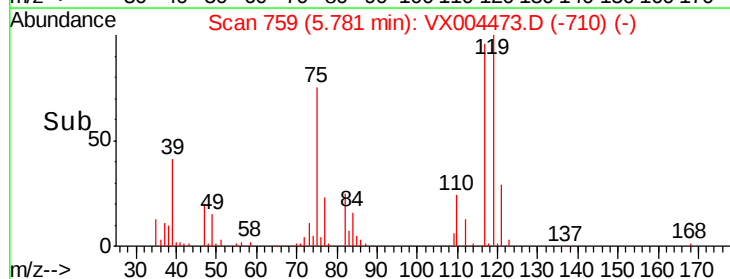
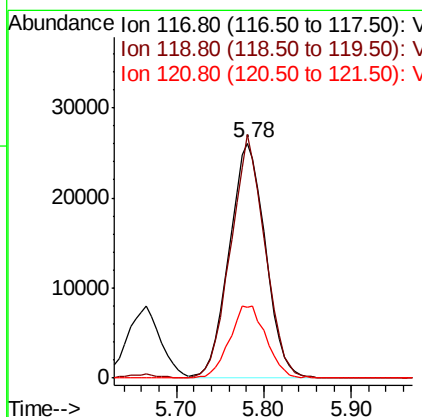
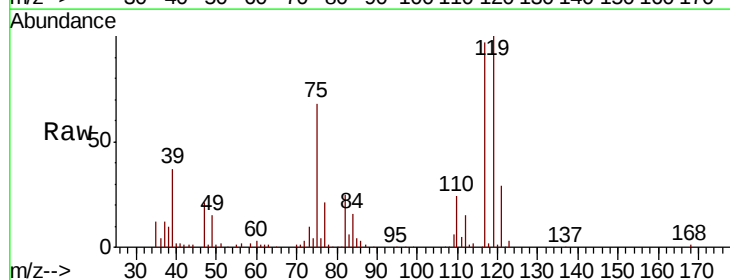
Instrument :
MSVOA_X
ClientSampleID :
VX0911WBSD01

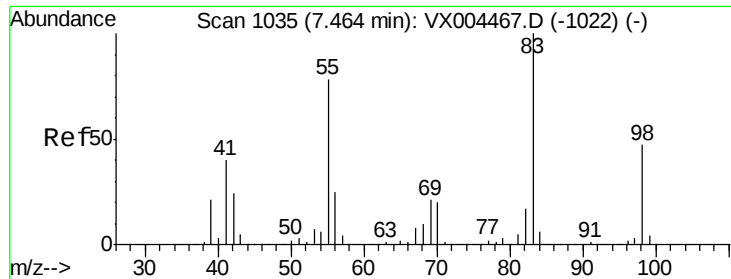
Tot Ion: 43 Resp: 92963
Ion Ratio Lower Upper
43 100
61 14.5 11.5 17.3
70 11.3 9.0 13.6



#38
Carbon Tetrachloride
Concen: 17.80 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX004473.D
Acq: 11 Sep 2018 18:47

Tgt Ion: 117 Resp: 74873
Ion Ratio Lower Upper
117 100
119 103.5 78.8 118.2
121 30.1 24.9 37.3

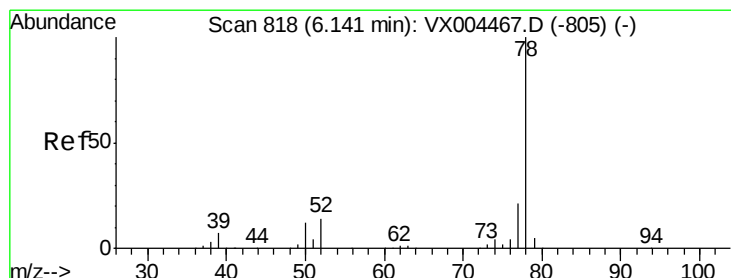
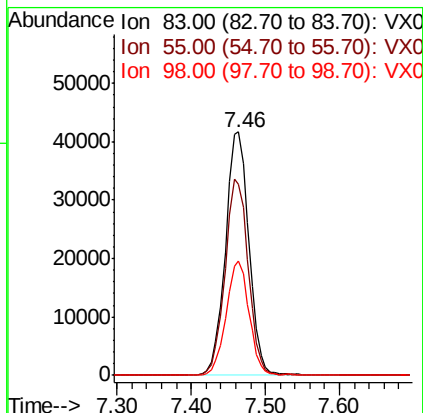
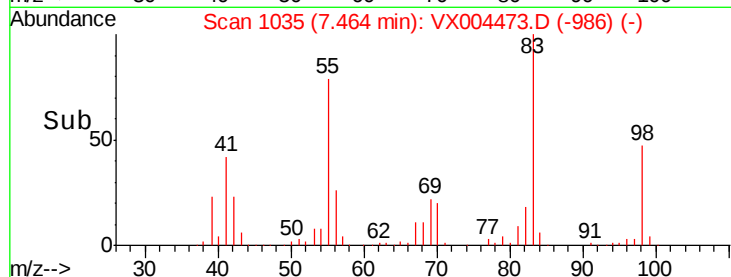
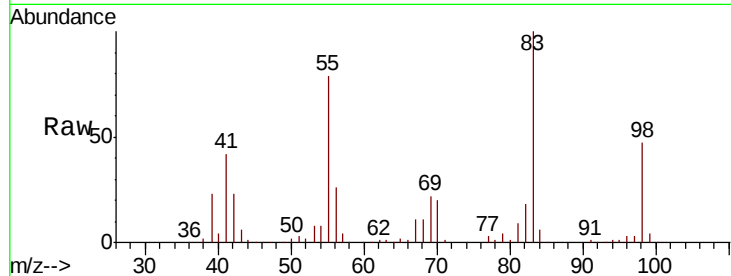




#39
Methvlcvclohexane
Concen: 20.45 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX004473.D
Acq: 11 Sep 2018 18:47

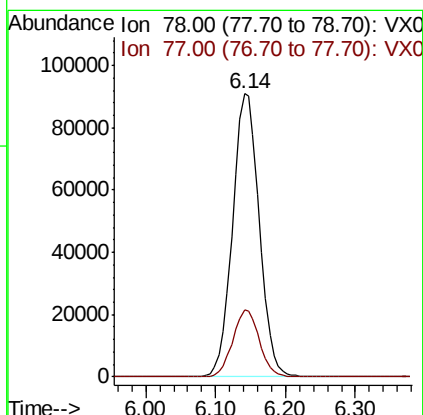
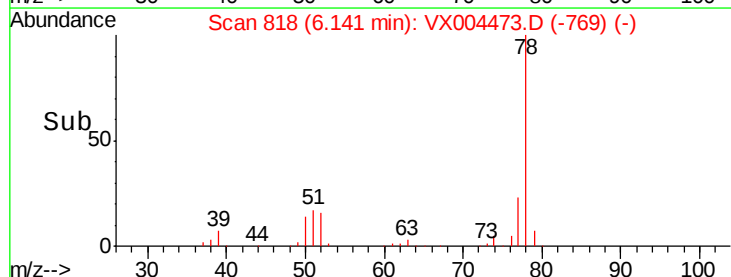
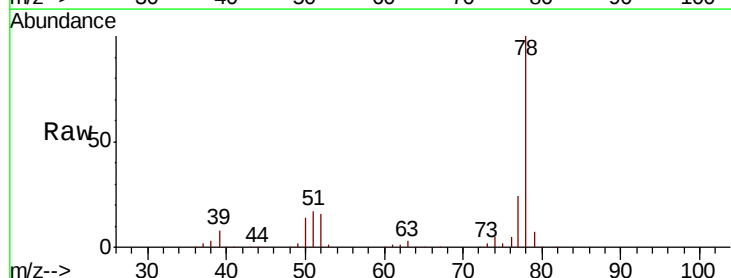
Instrument :
MSVOA_X
ClientSampleId :
VX0911WBSD01

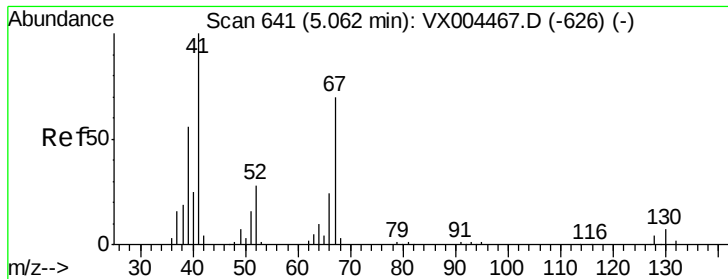
Tot Ion: 83 Resp: 91925
Ion Ratio Lower Upper
83 100
55 78.7 61.0 91.4
98 46.9 39.6 59.4



#40
Benzene
Concen: 18.85 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004473.D
Acq: 11 Sep 2018 18:47

Tgt Ion: 78 Resp: 240860
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4





#41

Methacrylonitrile

Concen: 18.86 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX004473.D

Acq: 11 Sep 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

VX0911WBSD01

Tot Ion: 41 Resp: 50912

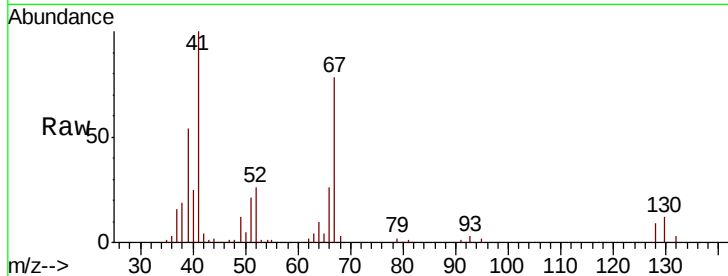
Ion Ratio Lower Upper

41 100

39 53.1 42.4 63.6

67 72.2 59.2 88.8

52 27.4 23.0 34.4

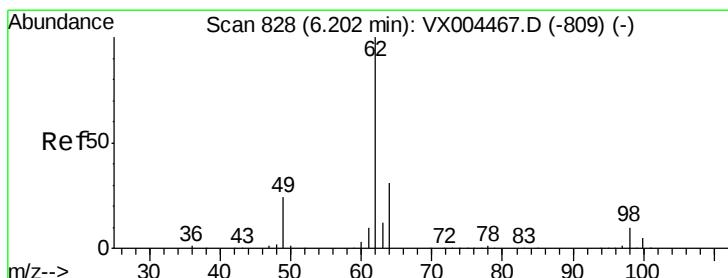
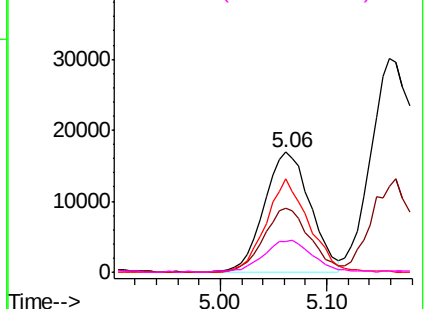
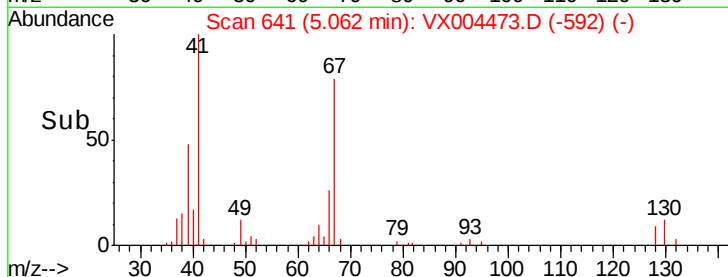


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 18.97 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.01 min

Lab File: VX004473.D

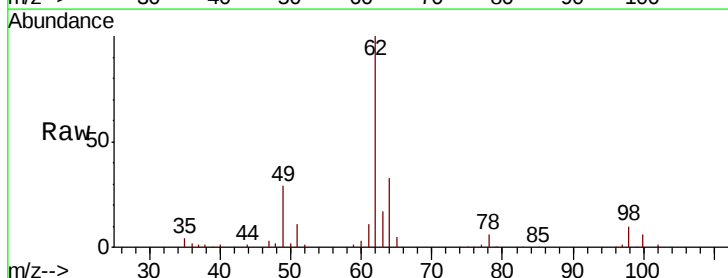
Acq: 11 Sep 2018 18:47

Tgt Ion: 62 Resp: 80422

Ion Ratio Lower Upper

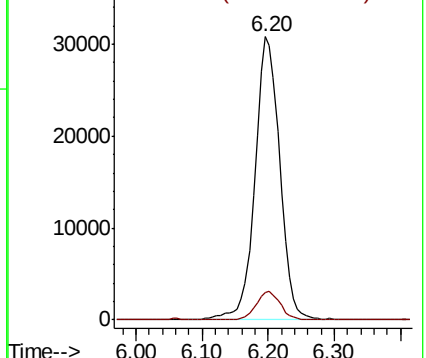
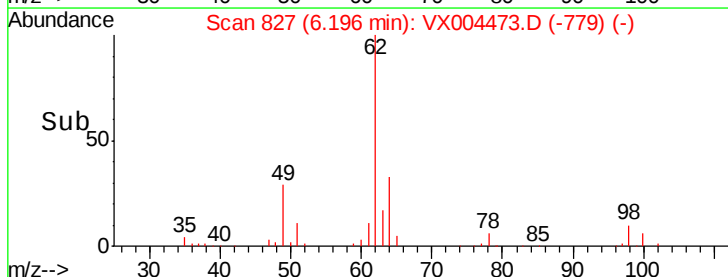
62 100

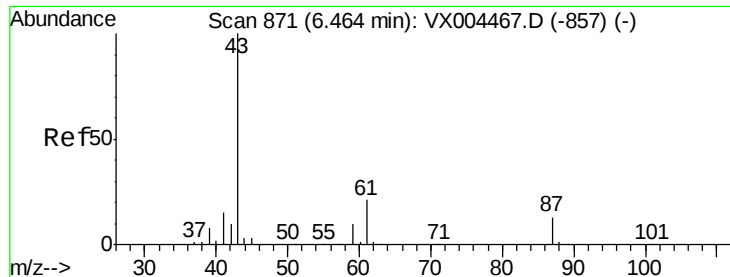
98 9.8 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.31 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX004473.D

Acq: 11 Sep 2018 18:47

Instrument :

MSVOA_X

ClientSampled :

VX0911WBSD01

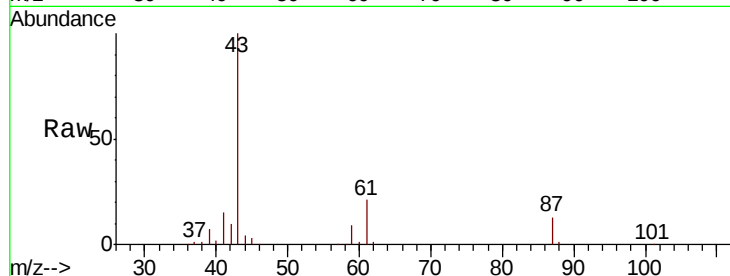
Tot Ion: 43 Resp: 132163

Ion Ratio Lower Upper

43 100

61 20.4 17.0 25.4

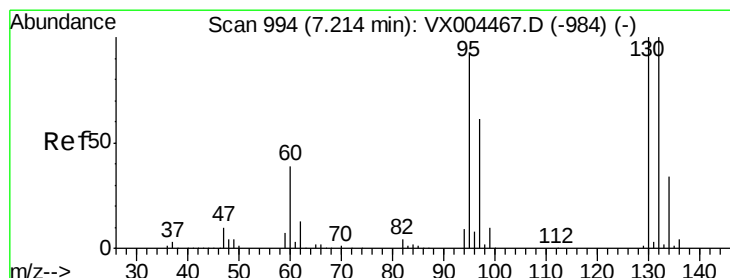
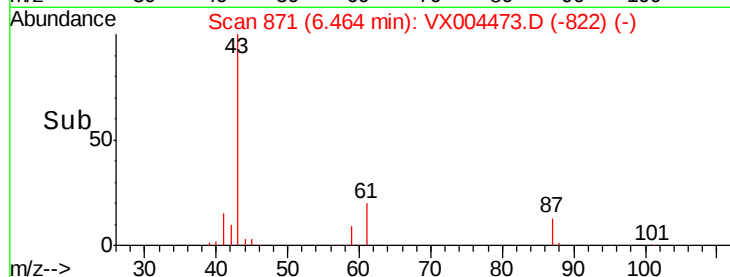
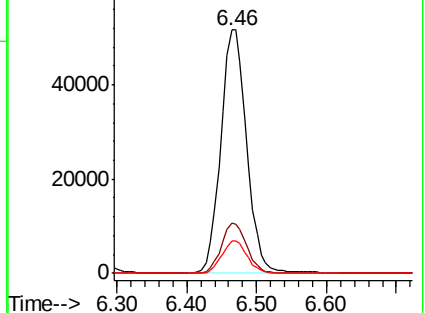
87 13.2 11.4 17.2



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: 19.68 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX004473.D

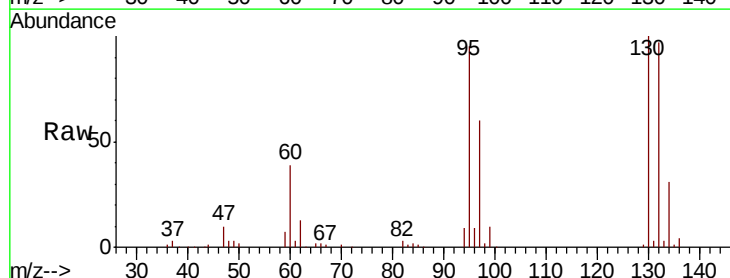
Acq: 11 Sep 2018 18:47

Tgt Ion:130 Resp: 65342

Ion Ratio Lower Upper

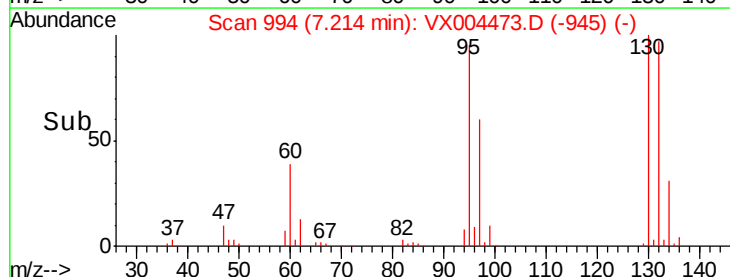
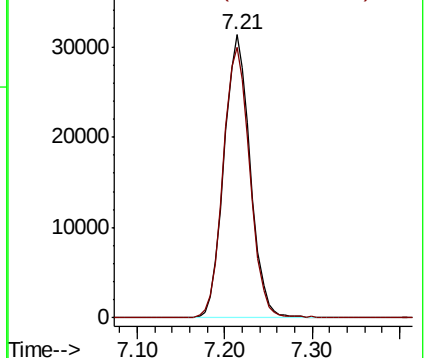
130 100

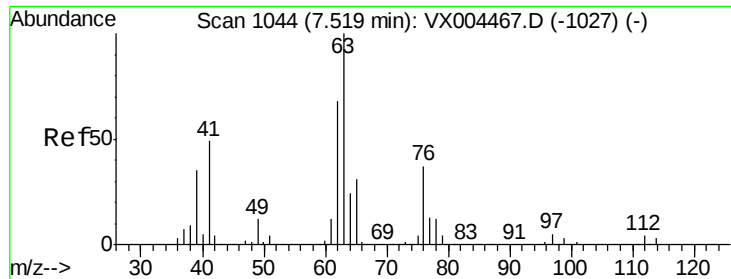
95 95.4 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.82 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX004473.D

Acq: 11 Sep 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

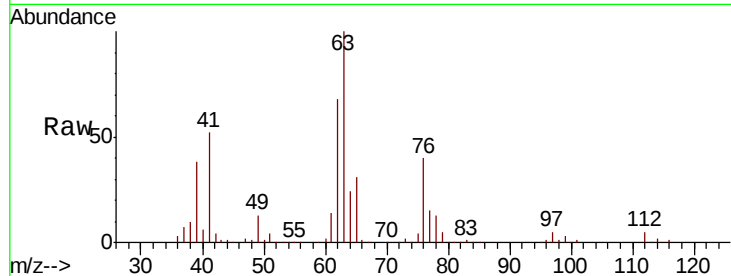
VX0911WBSD01

Tot Ion: 63 Resp: 64011

Ion Ratio Lower Upper

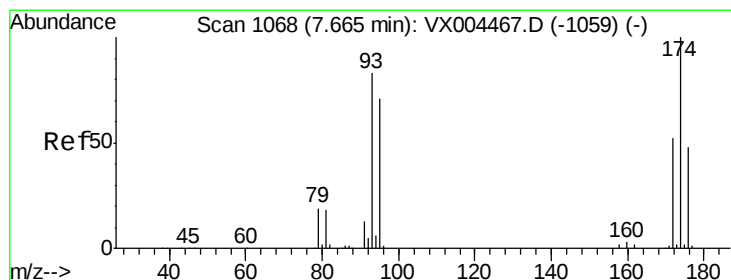
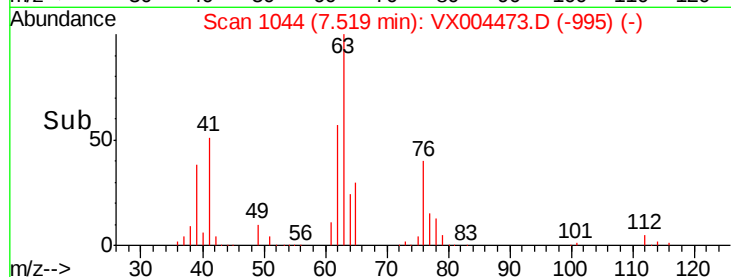
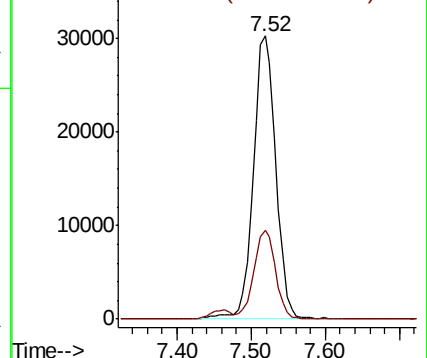
63 100

65 31.4 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.57 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX004473.D

Acq: 11 Sep 2018 18:47

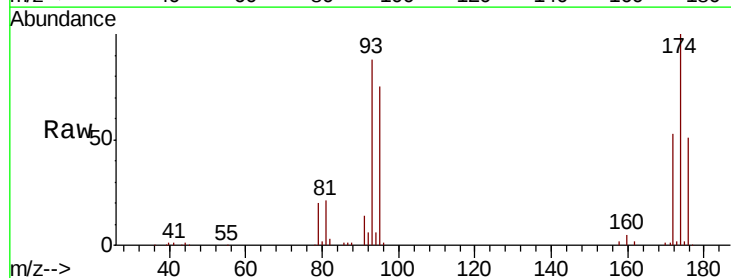
Tgt Ion: 93 Resp: 39963

Ion Ratio Lower Upper

93 100

95 82.9 65.5 98.3

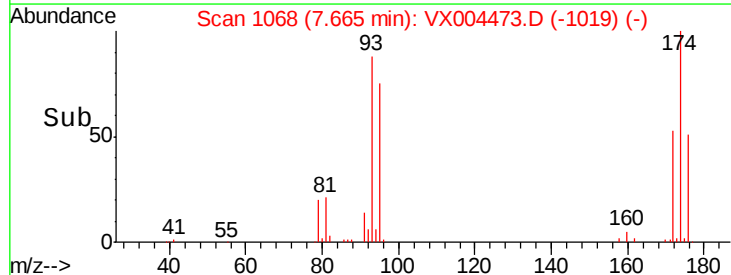
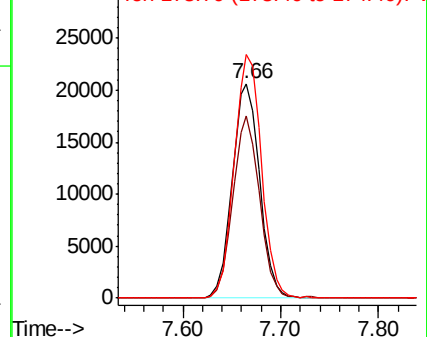
174 113.7 94.2 141.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.94 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX004473.D

Acq: 11 Sep 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

VX0911WBSD01

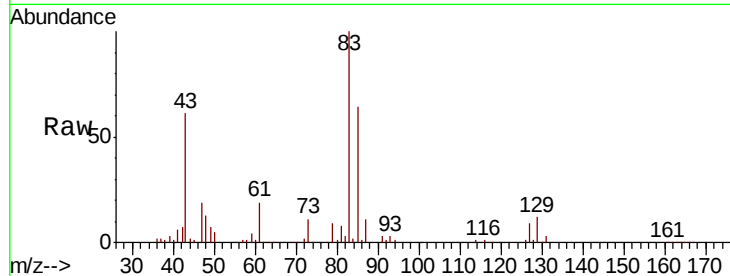
Tot Ion: 83 Resp: 73276

Ion Ratio Lower Upper

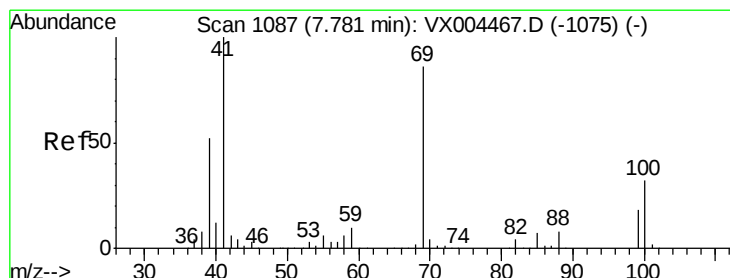
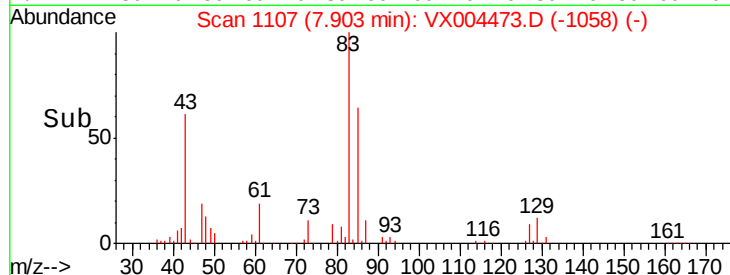
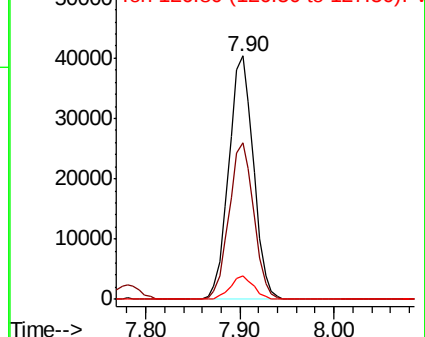
83 100

85 64.3 50.9 76.3

127 9.4 7.3 10.9



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



#48

Methyl methacrylate

Concen: 21.34 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX004473.D

Acq: 11 Sep 2018 18:47

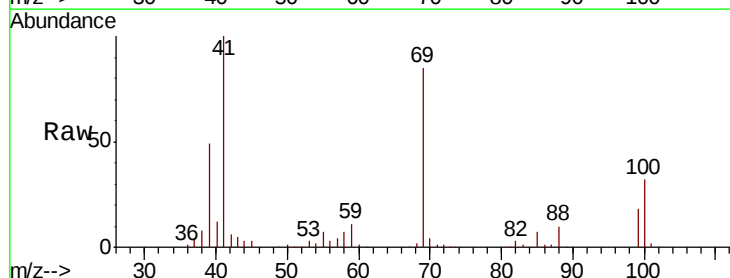
Tgt Ion: 41 Resp: 68708

Ion Ratio Lower Upper

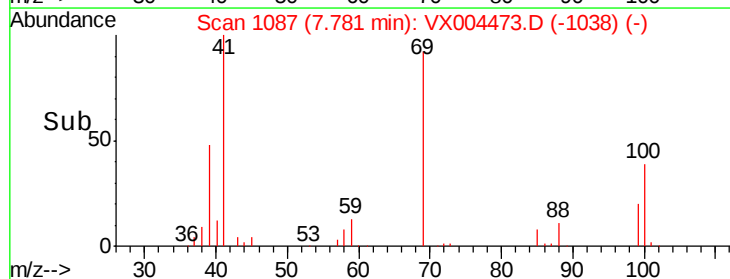
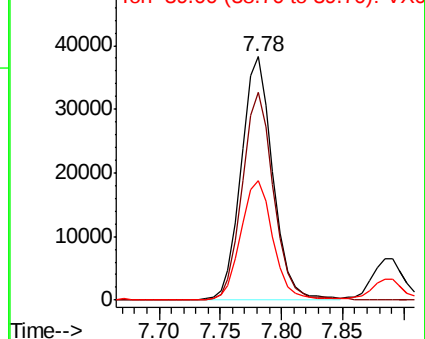
41 100

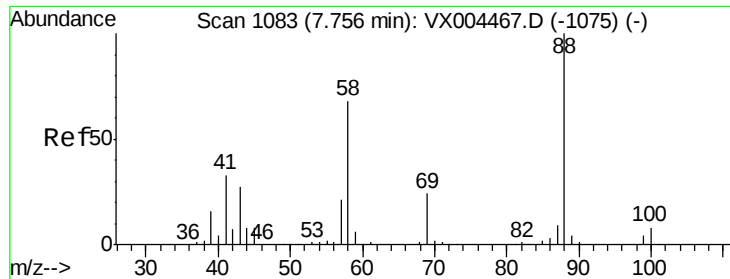
69 84.7 70.2 105.4

39 49.7 42.7 64.1



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

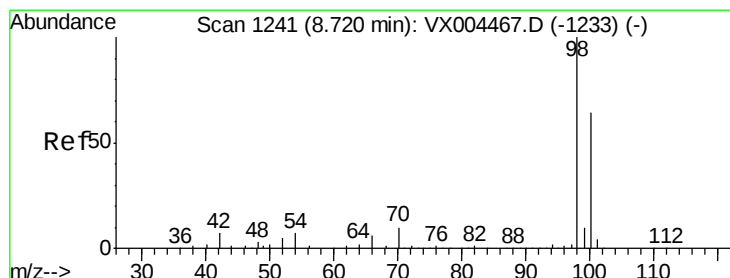
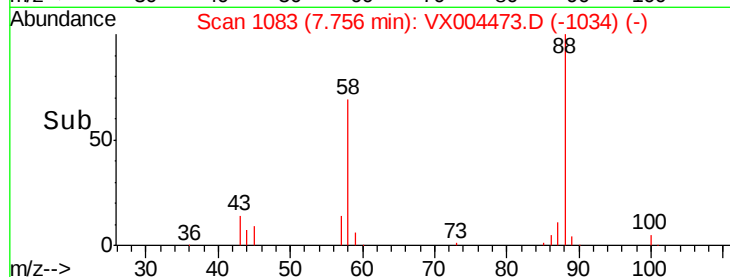
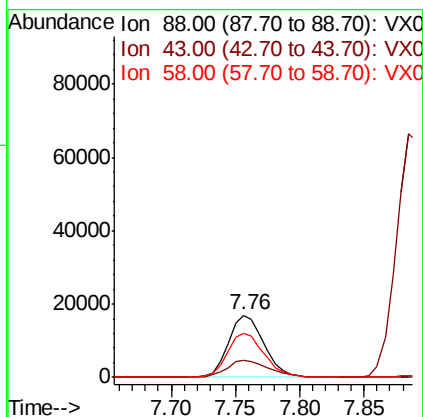
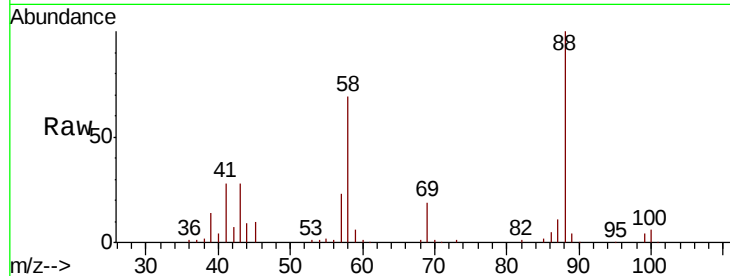




#49
1,4-Dioxane
Concen: 430.56 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX004473.D
Acq: 11 Sep 2018 18:47

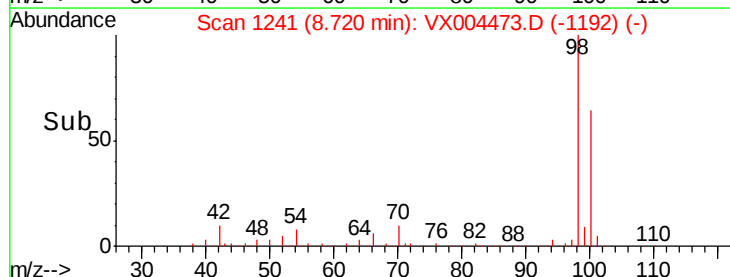
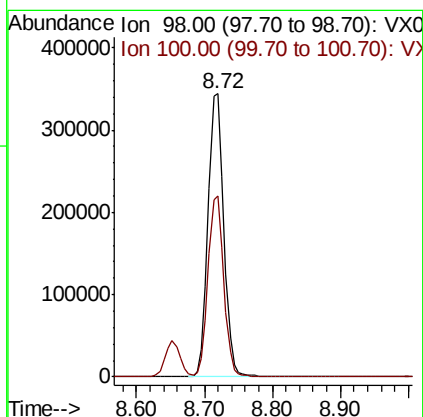
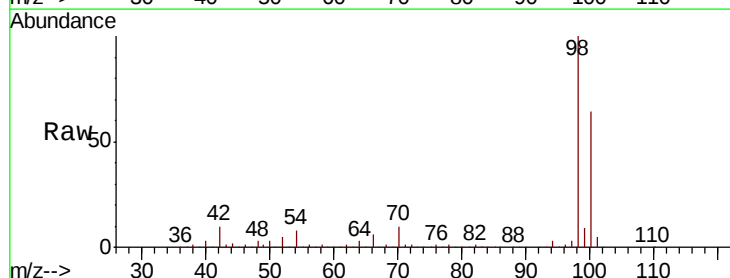
Instrument :
MSVOA_X
ClientSampleId :
VX0911WBSD01

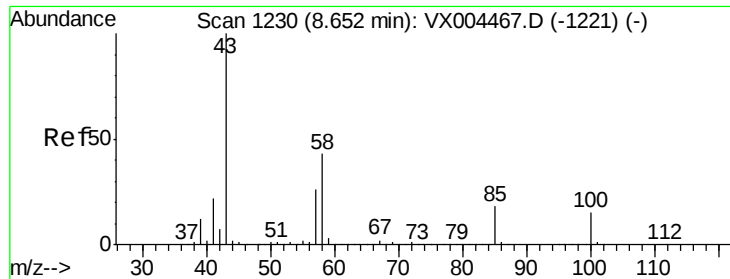
Tot Ion: 88 Resp: 32815
Ion Ratio Lower Upper
88 100
43 33.1 24.7 37.1
58 73.0 55.3 82.9



#50
Toluene-d8
Concen: 50.86 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004473.D
Acq: 11 Sep 2018 18:47

Tgt Ion: 98 Resp: 553801
Ion Ratio Lower Upper
98 100
100 64.2 52.9 79.3

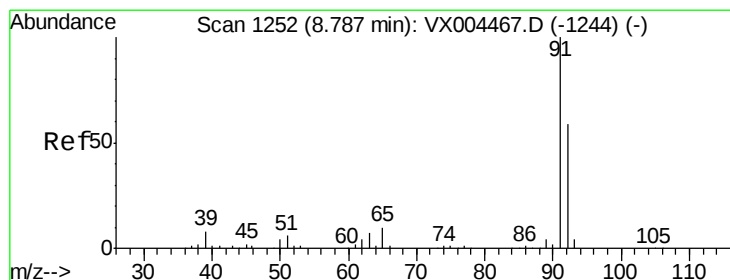
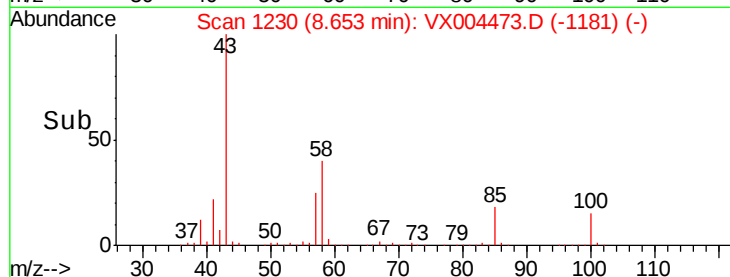
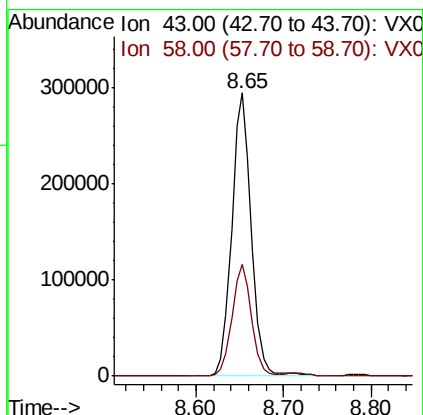
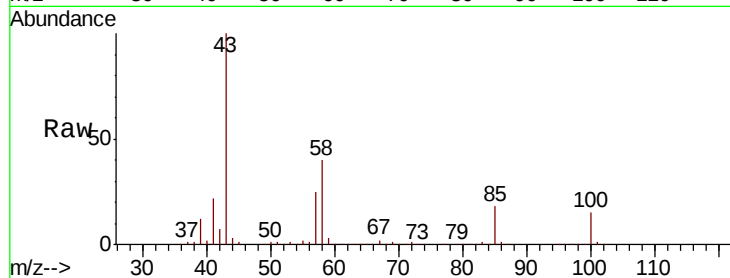




#51
4-Methyl-2-Pentanone
Concen: 99.97 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX004473.D
Acq: 11 Sep 2018 18:47

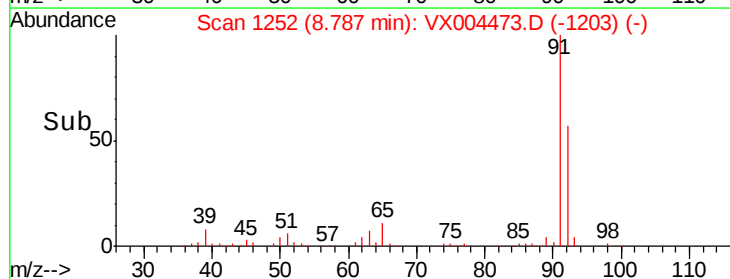
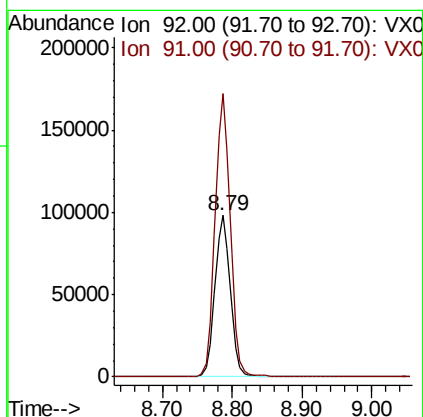
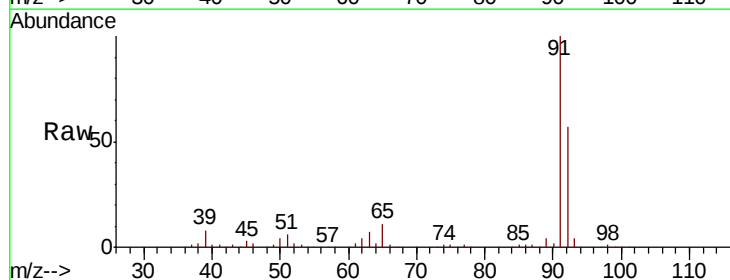
Instrument :
MSVOA_X
ClientSampleId :
VX0911WBSD01

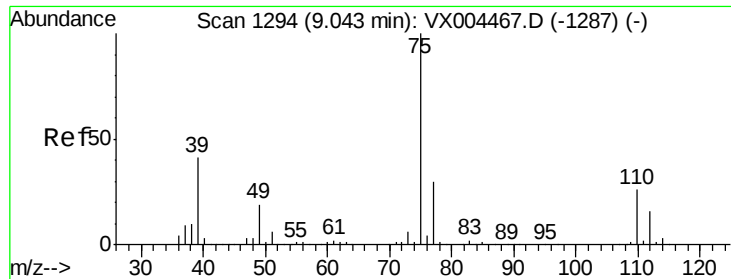
Tot Ion: 43 Resp: 459046
Ion Ratio Lower Upper
43 100
58 39.1 33.1 49.7



#52
Toluene
Concen: 19.88 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX004473.D
Acq: 11 Sep 2018 18:47

Tgt Ion: 92 Resp: 149675
Ion Ratio Lower Upper
92 100
91 173.7 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 18.92 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX004473.D

Acq: 11 Sep 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

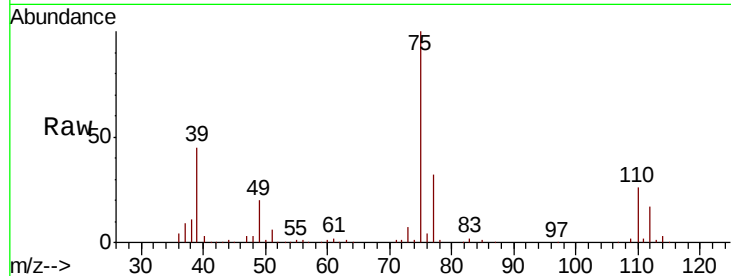
VX0911WBSD01

Tot Ion: 75 Resp: 81198

Ion Ratio Lower Upper

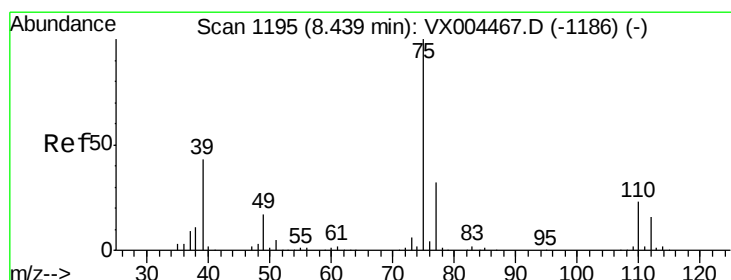
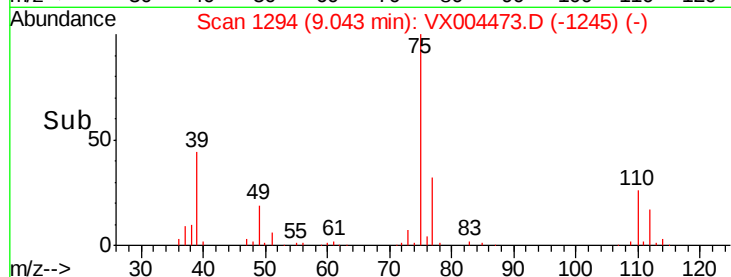
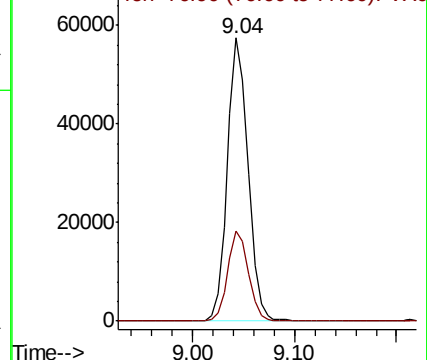
75 100

77 31.9 24.6 37.0



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: 20.63 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.00 min

Lab File: VX004473.D

Acq: 11 Sep 2018 18:47

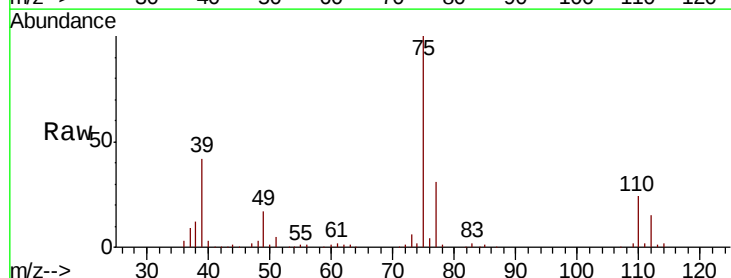
Tgt Ion: 75 Resp: 90271

Ion Ratio Lower Upper

75 100

77 31.4 26.2 39.2

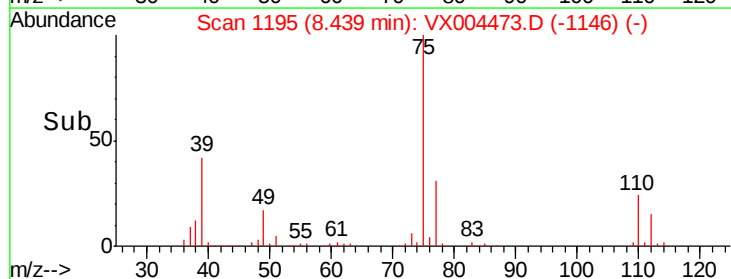
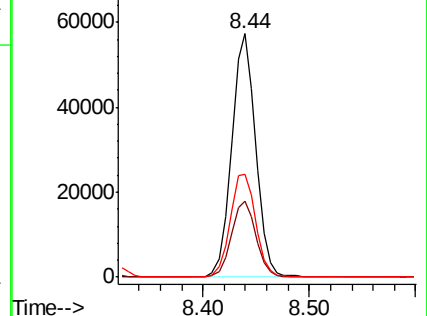
39 42.2 36.4 54.6



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

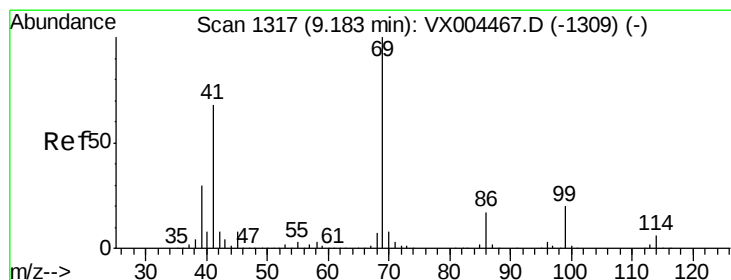
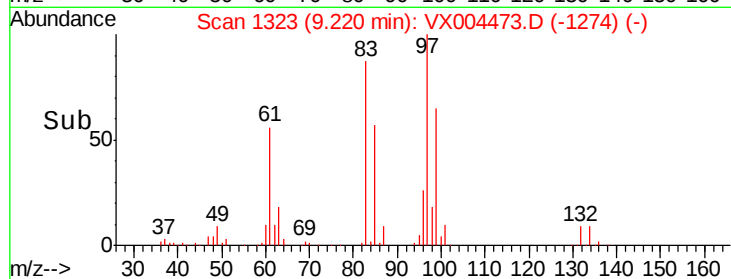
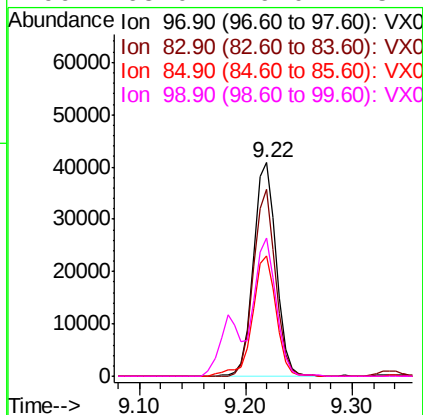
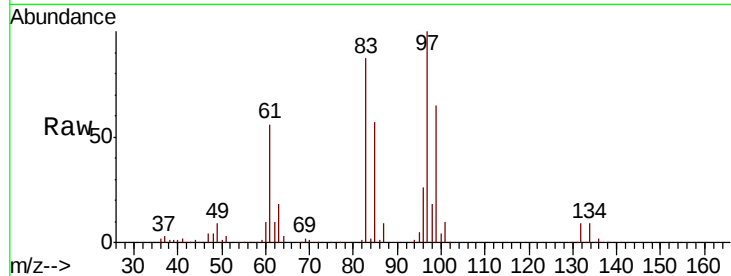




#55
 1,1,2-Trichloroethane
 Concen: 18.95 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX004473.D
 Acq: 11 Sep 2018 18:47

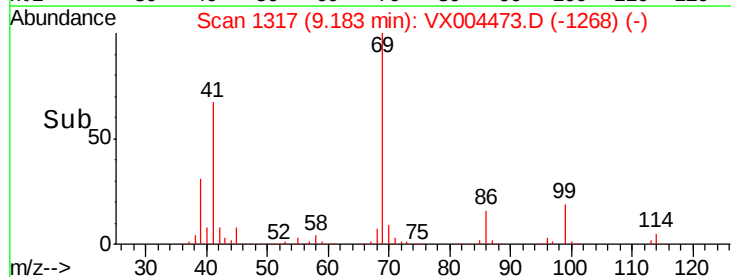
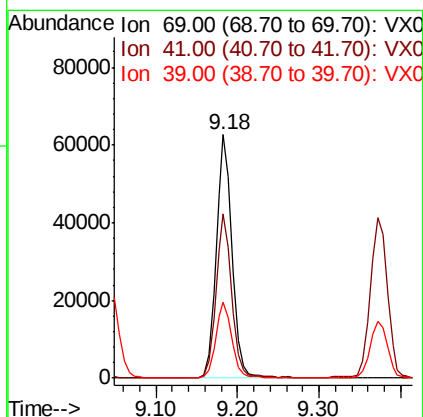
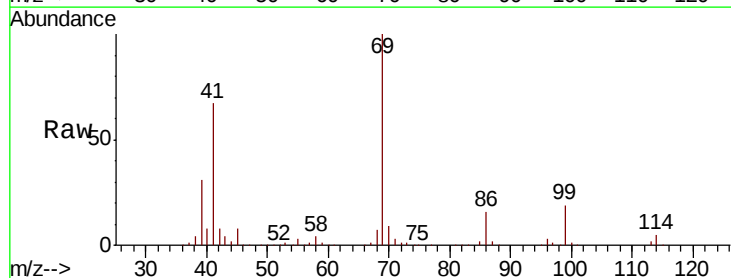
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911WBSD01

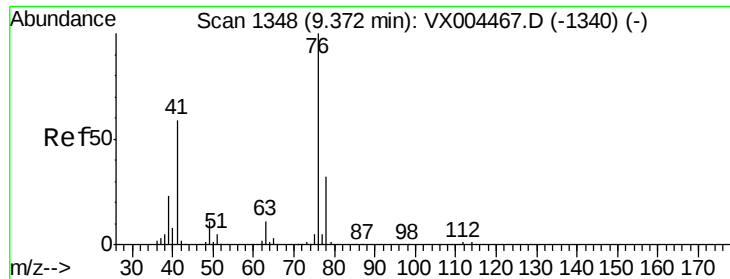
Tot Ion:	97	Resp:	61453
Ion	Ratio	Lower	Upper
97	100		
83	87.2	66.4	99.6
85	56.5	43.3	64.9
99	65.0	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 18.81 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX004473.D
 Acq: 11 Sep 2018 18:47

Tgt Ion:	69	Resp:	86284
Ion	Ratio	Lower	Upper
69	100		
41	67.3	51.0	76.4
39	31.5	26.1	39.1





#57

1,3-Dichloropropane

Concen: 19.42 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX004473.D

Acq: 11 Sep 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

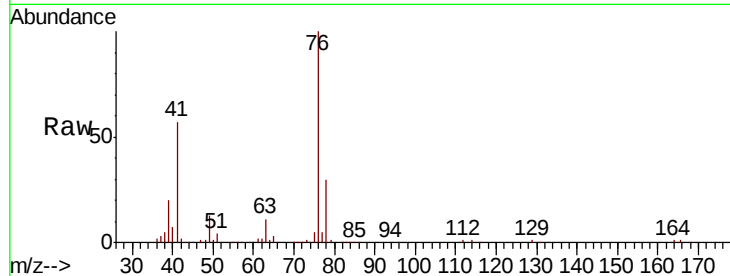
VX0911WBSD01

Tot Ion: 76 Resp: 102285

Ion Ratio Lower Upper

76 100

78 32.0 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

80000

60000

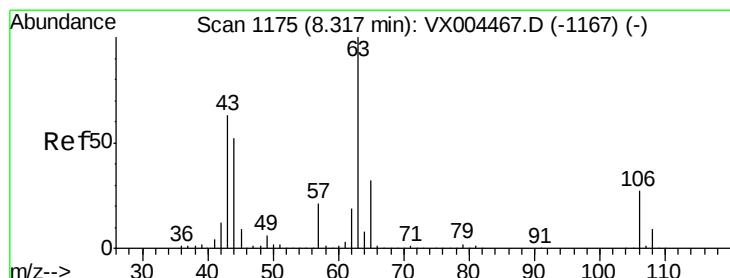
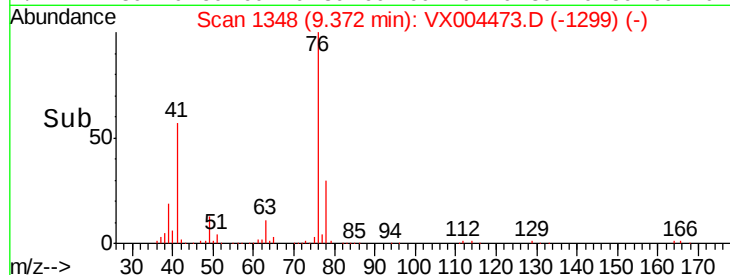
40000

20000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 105.37 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX004473.D

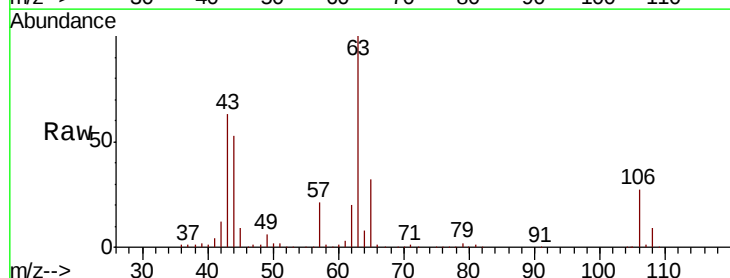
Acq: 11 Sep 2018 18:47

Tgt Ion: 63 Resp: 236097

Ion Ratio Lower Upper

63 100

106 27.1 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

150000

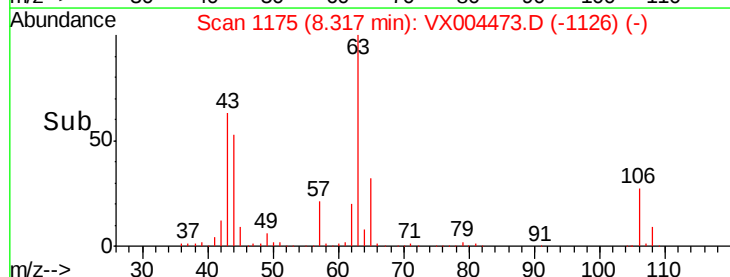
100000

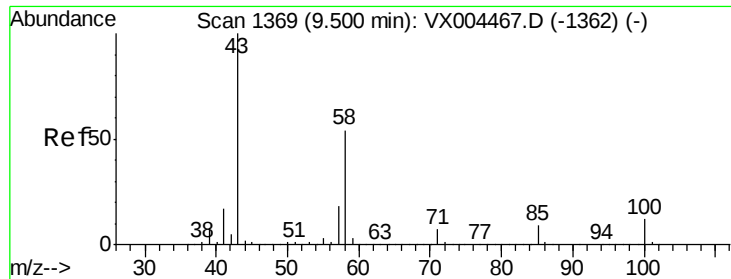
50000

0

8.20 8.30 8.40

Time-->

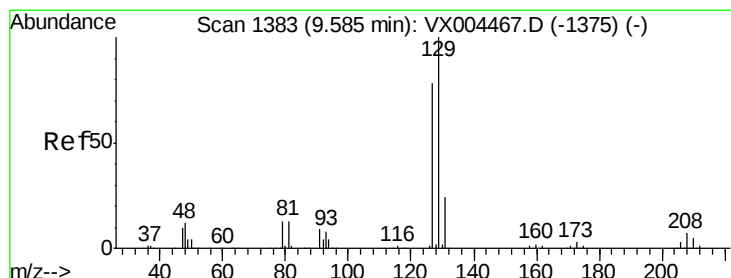
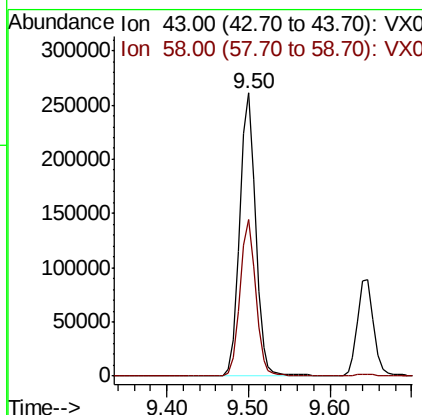
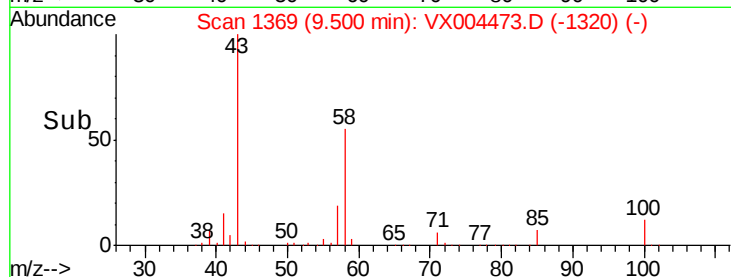
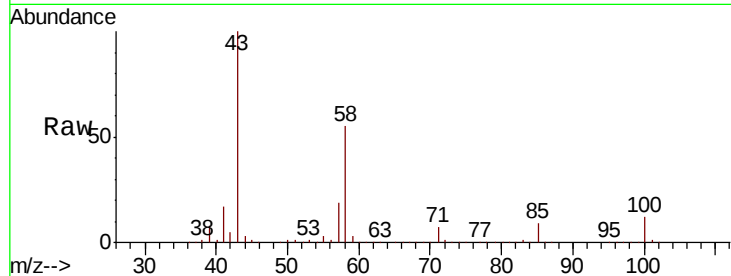




#59
 2-Hexanone
 Concen: 99.05 ug/l
 RT: 9.50 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VX004473.D
 Acq: 11 Sep 2018 18:47

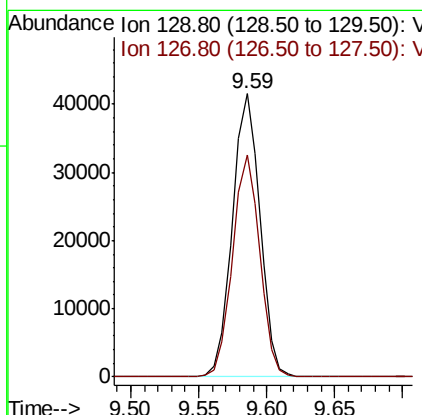
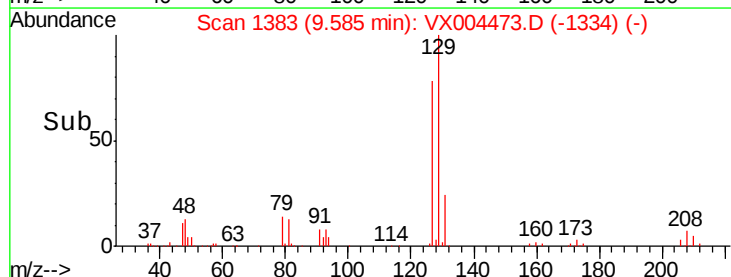
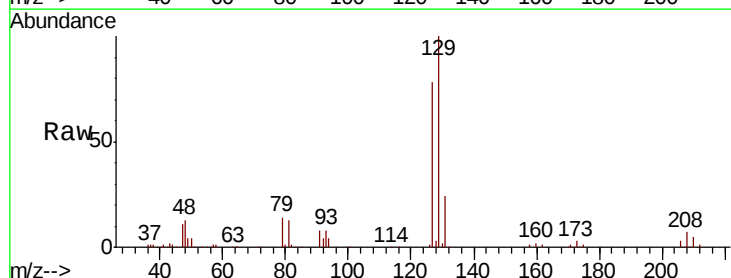
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911WBSD01

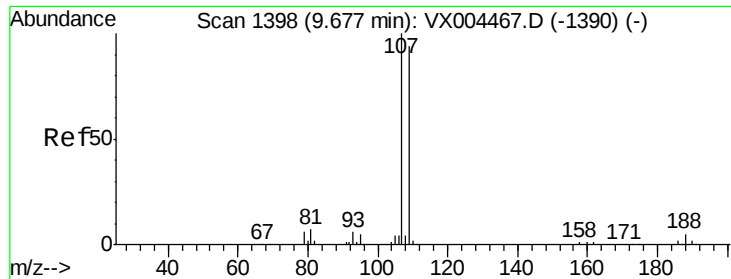
Tot Ion: 43 Resp: 348865
 Ion Ratio Lower Upper
 43 100
 58 54.8 29.0 87.0



#60
 Dibromochloromethane
 Concen: 19.22 ug/l
 RT: 9.59 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: VX004473.D
 Acq: 11 Sep 2018 18:47

Tgt Ion: 129 Resp: 58664
 Ion Ratio Lower Upper
 129 100
 127 77.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.10 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.00 min

Lab File: VX004473.D

Acq: 11 Sep 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

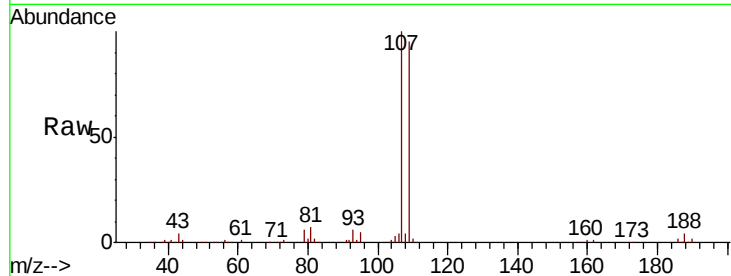
VX0911WBSD01

Tot Ion:107 Resp: 62262

Ion Ratio Lower Upper

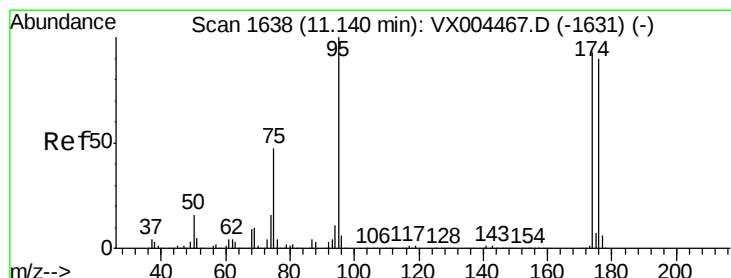
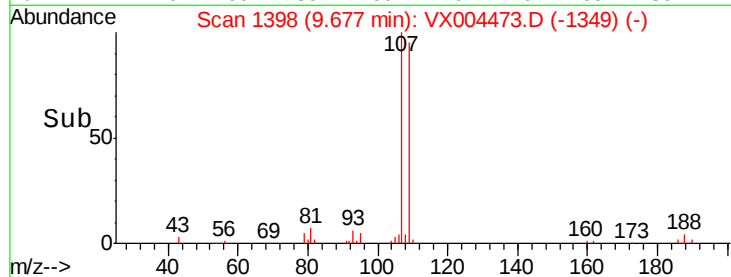
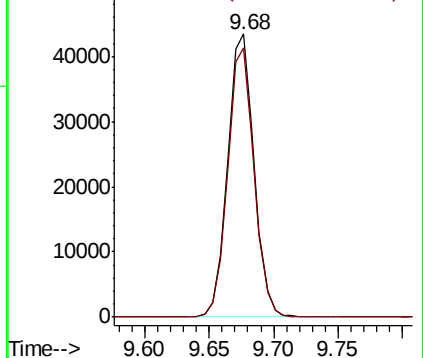
107 100

109 95.2 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.74 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004473.D

Acq: 11 Sep 2018 18:47

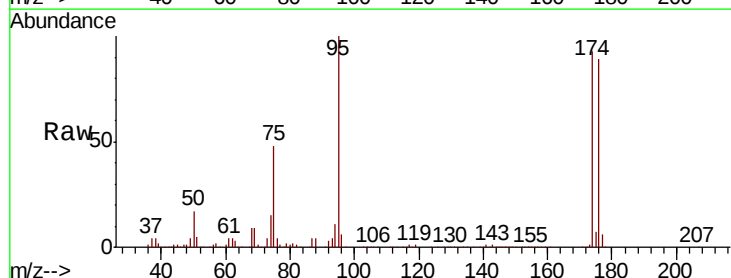
Tgt Ion: 95 Resp: 197195

Ion Ratio Lower Upper

95 100

174 90.2 0.0 185.2

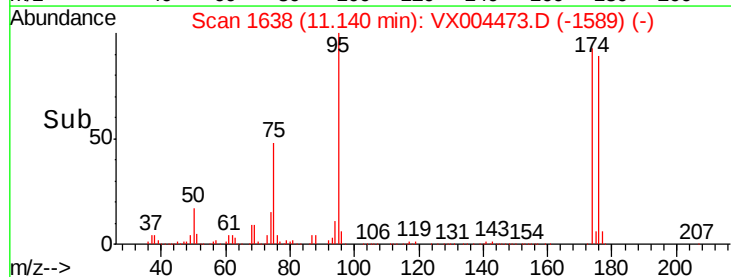
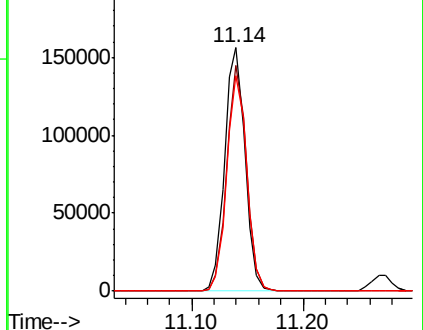
176 87.5 0.0 178.6



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

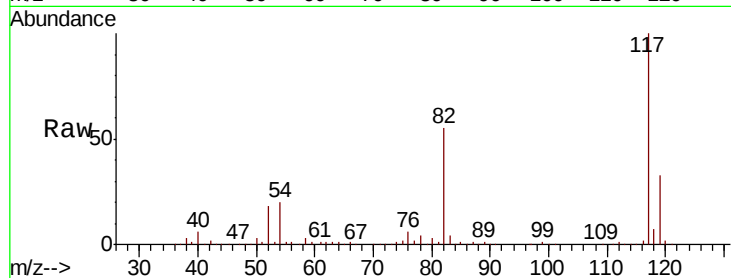




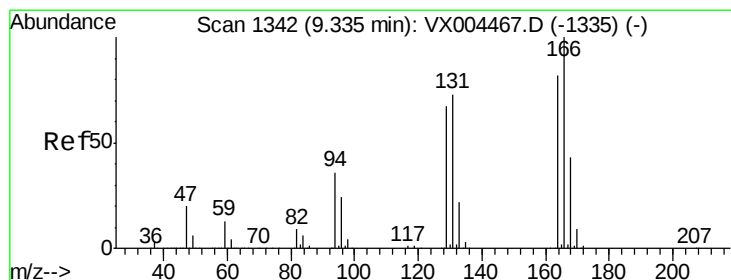
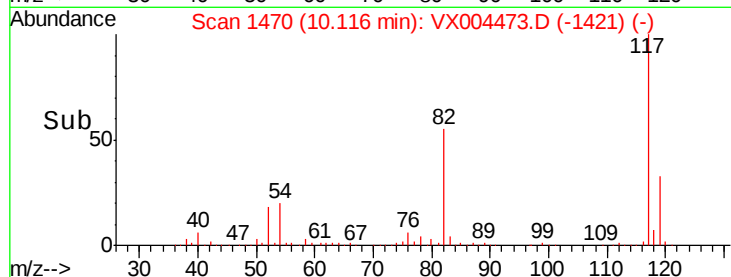
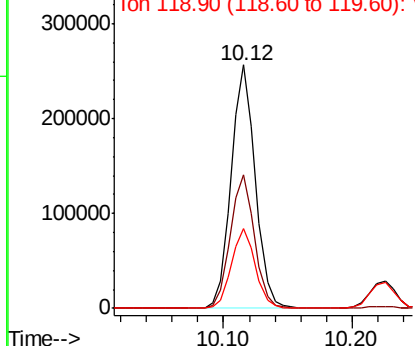
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004473.D
Acq: 11 Sep 2018 18:47

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBSD01

Tot Ion:117 Resp: 336197
Ion Ratio Lower Upper
117 100
82 54.8 47.8 71.6
119 32.5 29.3 43.9

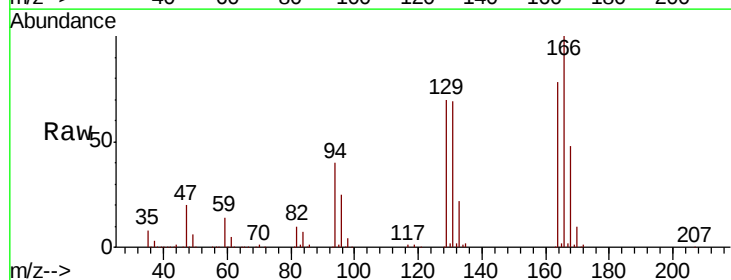


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

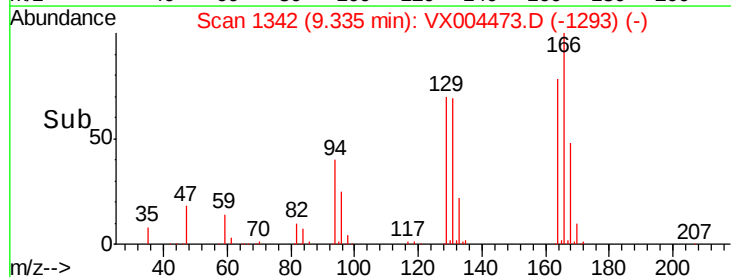
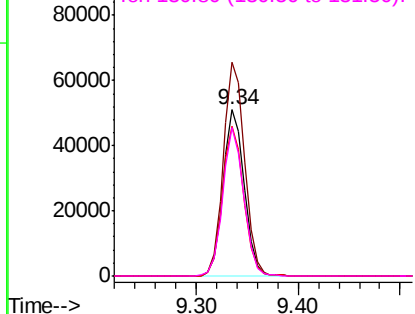


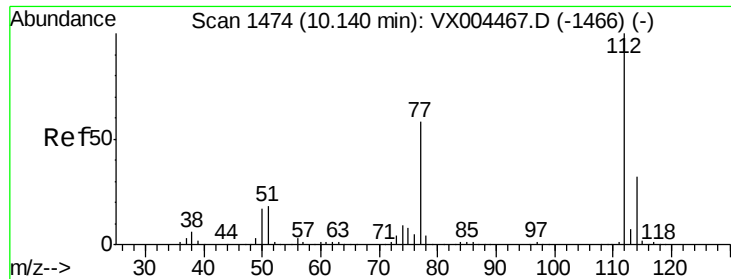
#64
Tetrachloroethene
Concen: 17.53 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004473.D
Acq: 11 Sep 2018 18:47

Tgt Ion:164 Resp: 73586
Ion Ratio Lower Upper
164 100
166 128.8 102.8 154.2
129 90.2 69.4 104.0
131 89.2 67.9 101.9



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

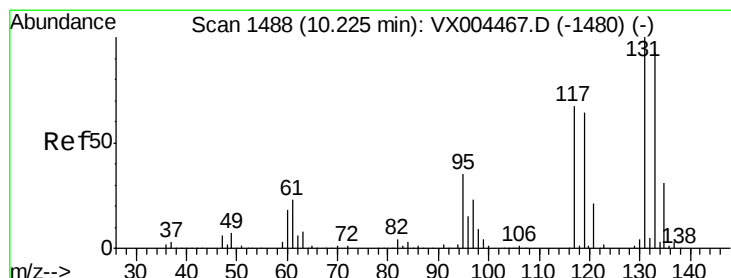
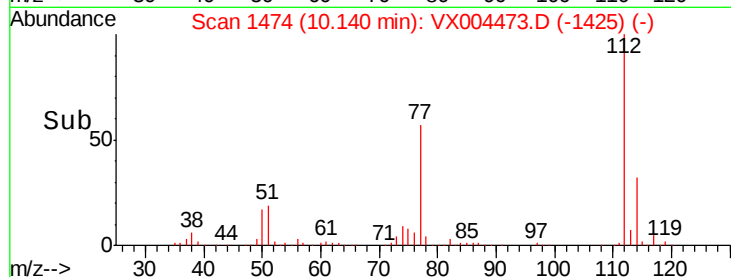
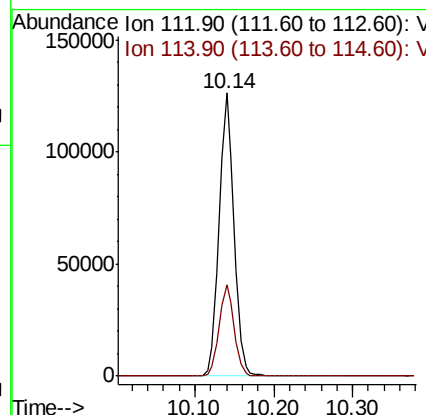
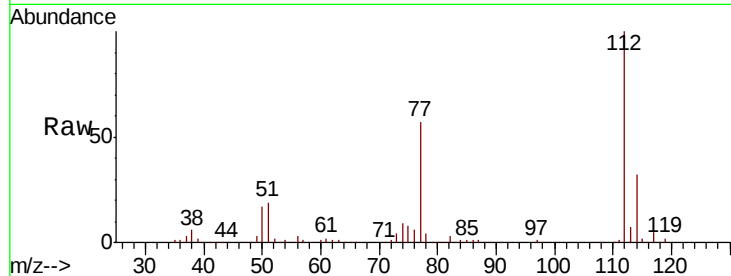




#65
Chlorobenzene
Concen: 19.95 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX004473.D
Acq: 11 Sep 2018 18:47

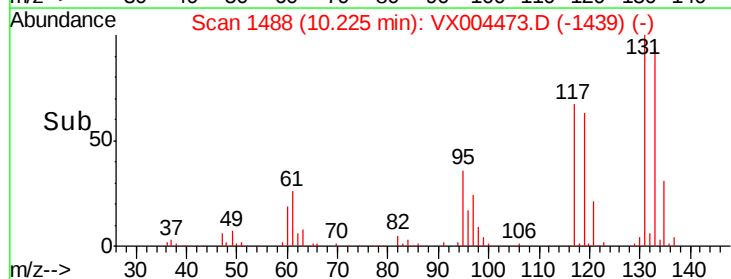
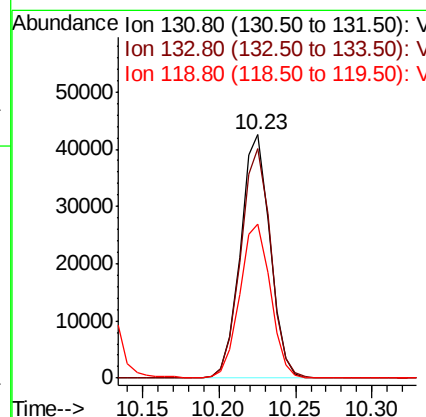
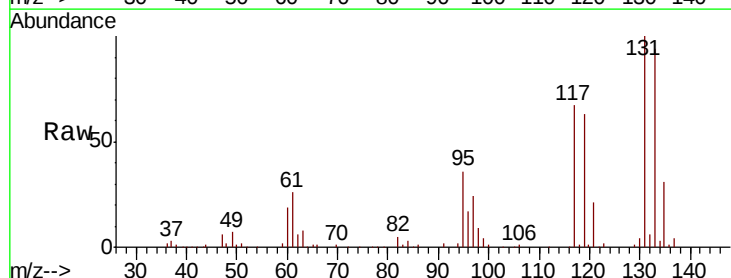
Instrument :
MSVOA_X
ClientSampleId :
VX0911WBSD01

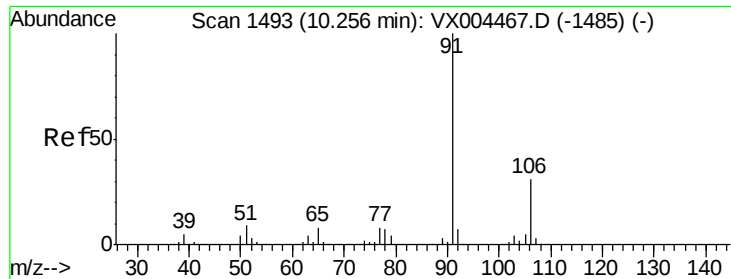
Tot Ion:112 Resp: 166627
Ion Ratio Lower Upper
112 100
114 32.4 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.81 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VX004473.D
Acq: 11 Sep 2018 18:47

Tgt Ion:131 Resp: 57039
Ion Ratio Lower Upper
131 100
133 96.0 48.1 144.4
119 65.9 32.9 98.6

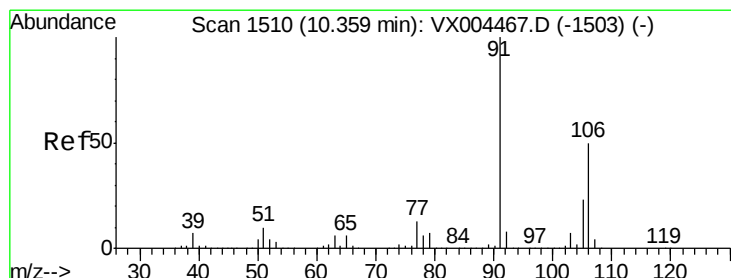
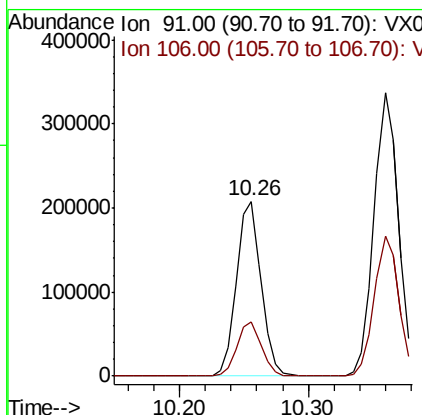
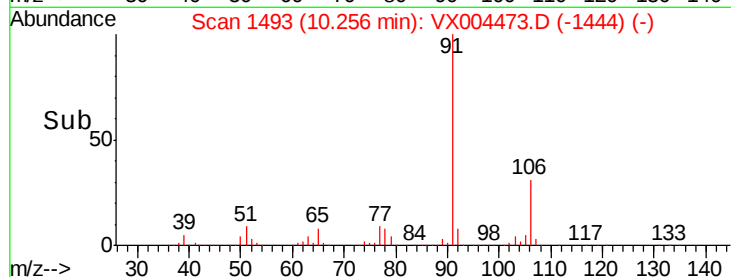
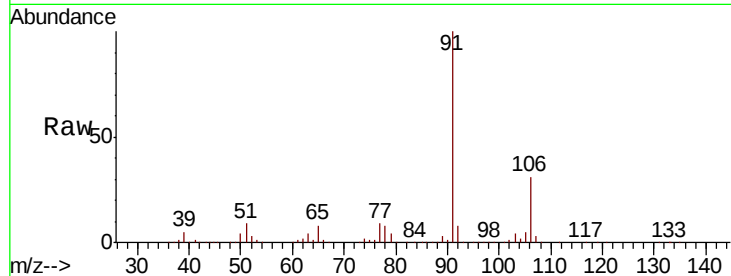




#67
Ethyl Benzene
Concen: 20.34 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004473.D
Acq: 11 Sep 2018 18:47

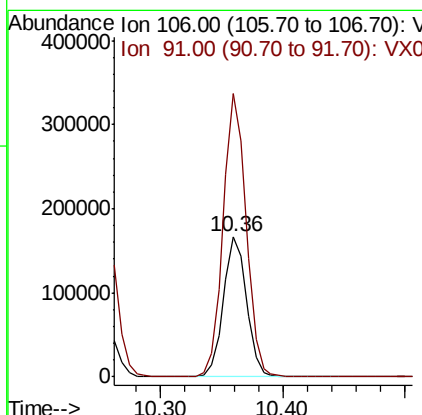
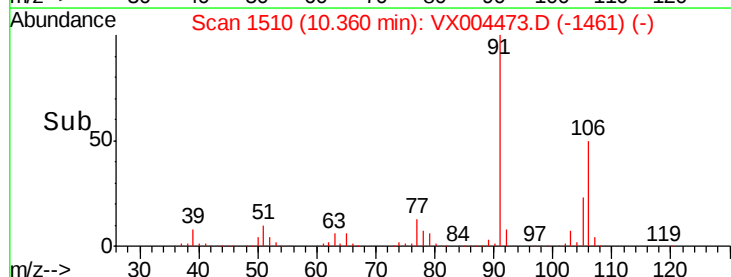
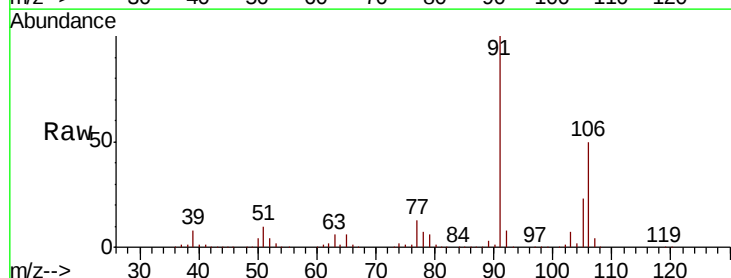
Instrument :
MSVOA_X
ClientSampleId :
VX0911WBSD01

Tot Ion: 91 Resp: 276222
Ion Ratio Lower Upper
91 100
106 31.0 25.9 38.9



#68
m/p-Xylenes
Concen: 41.71 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX004473.D
Acq: 11 Sep 2018 18:47

Tgt Ion: 106 Resp: 218160
Ion Ratio Lower Upper
106 100
91 201.7 157.1 235.7

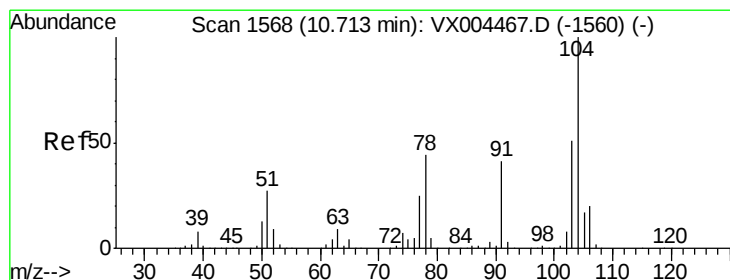
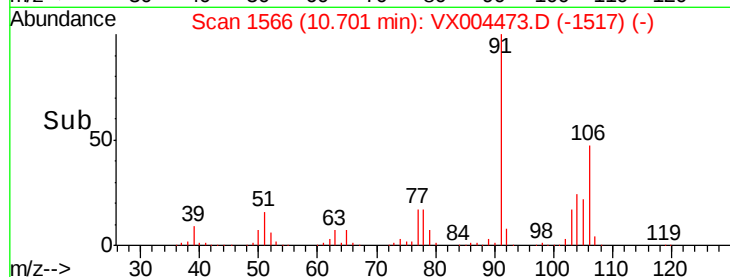
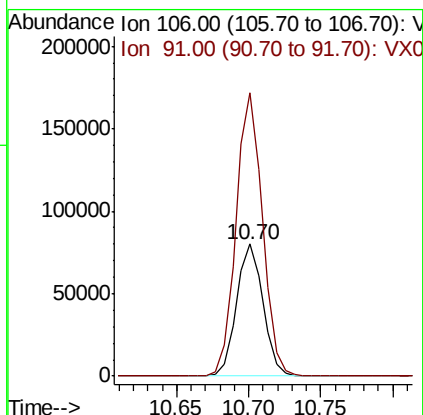
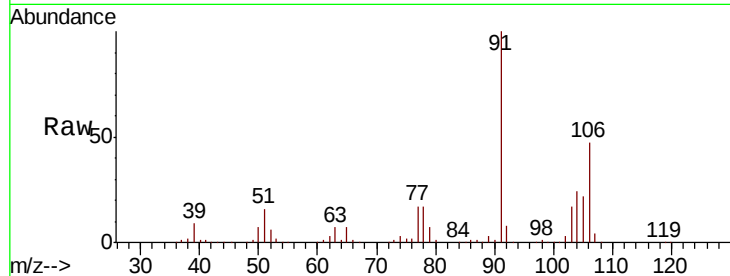




#69
o-Xylene
Concen: 20.52 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004473.D
Acq: 11 Sep 2018 18:47

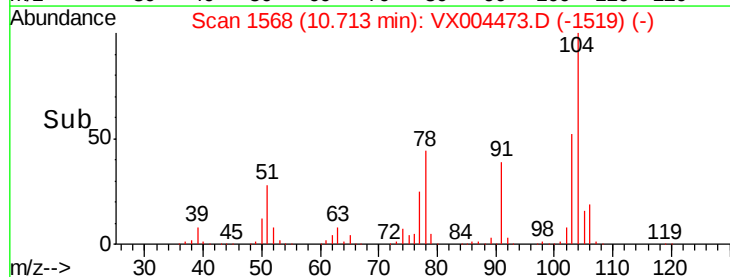
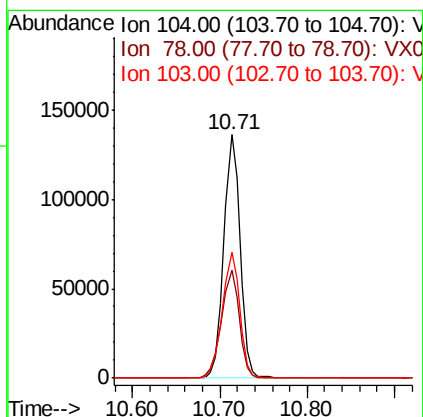
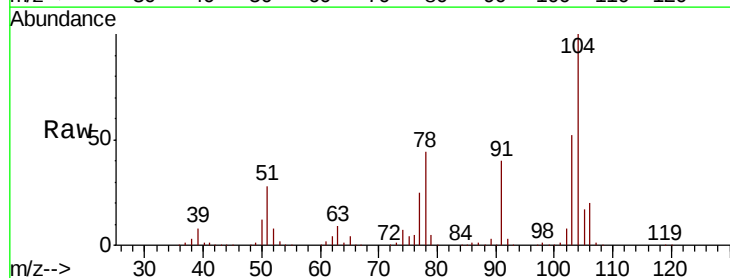
Instrument :
MSVOA_X
ClientSampleId :
VX0911WBSD01

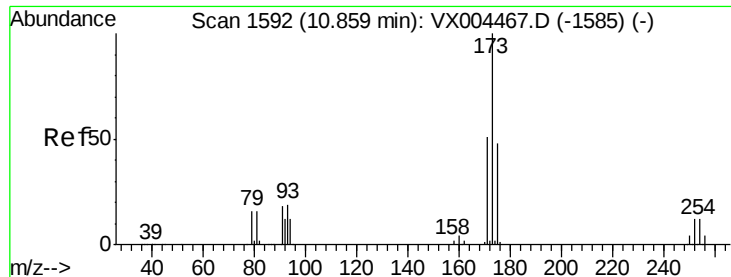
Tot Ion:106 Resp: 103207
Ion Ratio Lower Upper
106 100
91 213.2 105.1 315.1



#70
Styrene
Concen: 20.99 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004473.D
Acq: 11 Sep 2018 18:47

Tgt Ion:104 Resp: 174851
Ion Ratio Lower Upper
104 100
78 48.5 37.4 56.0
103 55.4 43.8 65.6





#71

Bromoform

Concen: 18.98 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX004473.D

Acq: 11 Sep 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

VX0911WBSD01

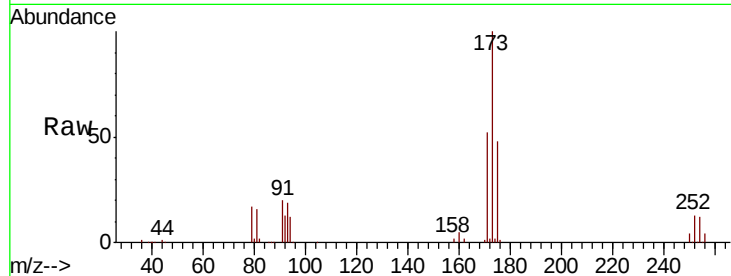
Tot Ion:173 Resp: 44874

Ion Ratio Lower Upper

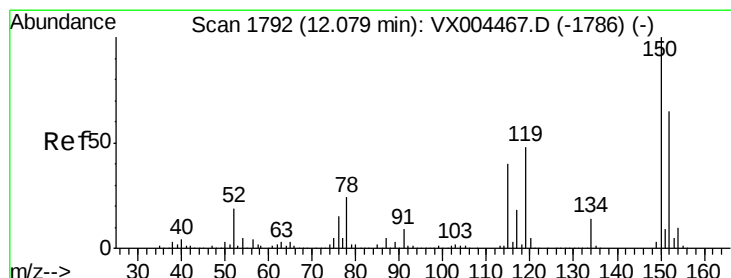
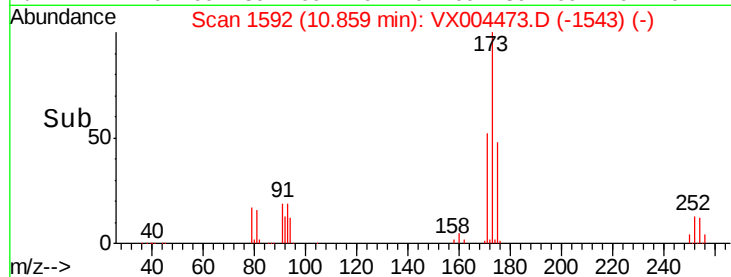
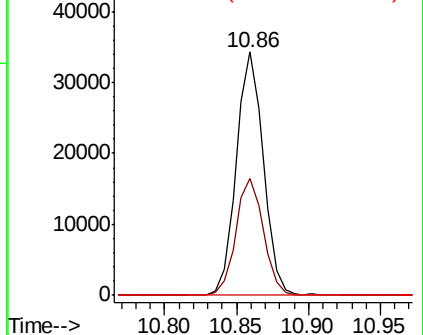
173 100

175 49.1 24.1 72.3

254 0.2 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: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004473.D

Acq: 11 Sep 2018 18:47

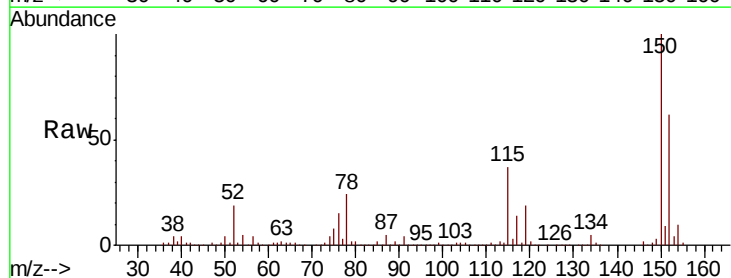
Tgt Ion:152 Resp: 199469

Ion Ratio Lower Upper

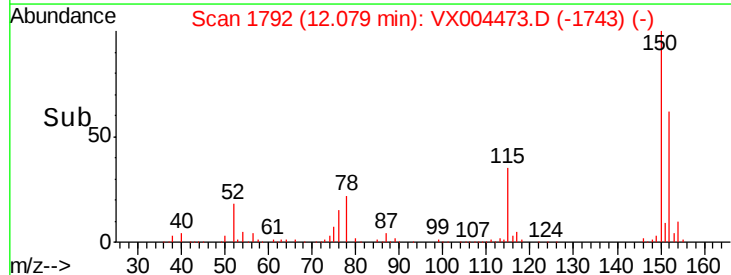
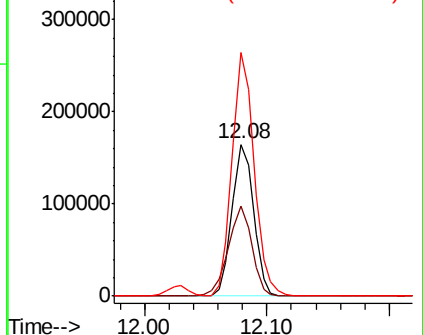
152 100

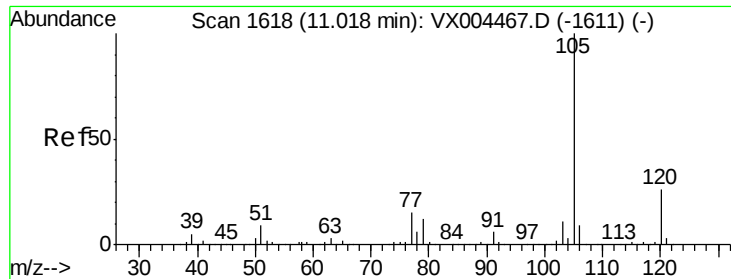
115 65.1 39.0 117.0

150 165.2 0.0 351.0



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





#73

Isopropylbenzene

Concen: 21.48 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004473.D

Acq: 11 Sep 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

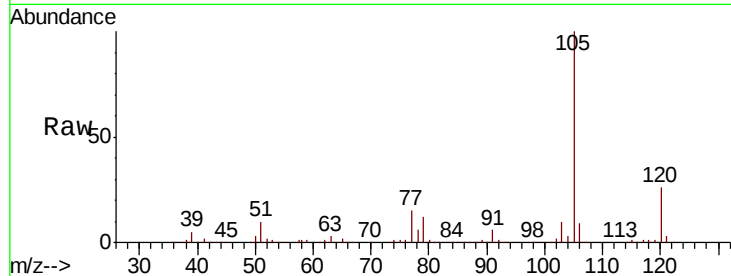
VX0911WBSD01

Tot Ion:105 Resp: 282144

Ion Ratio Lower Upper

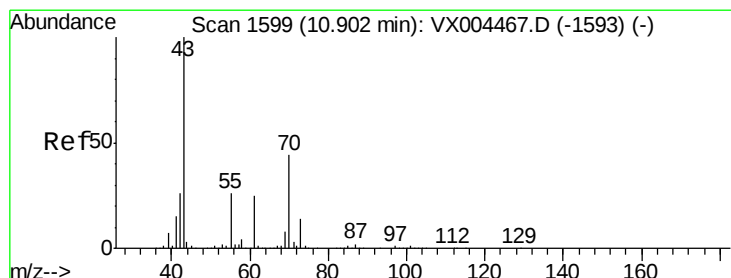
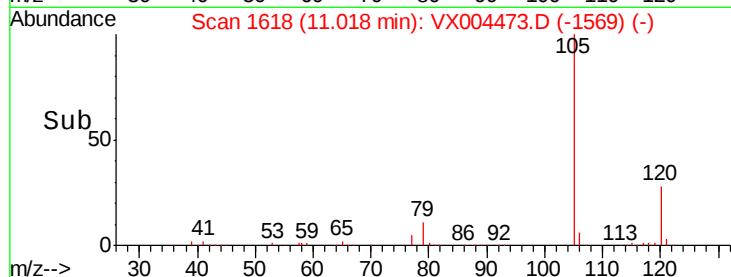
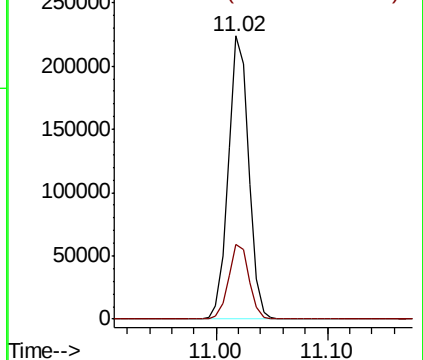
105 100

120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.03 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX004473.D

Acq: 11 Sep 2018 18:47

Tgt Ion: 43 Resp: 116304

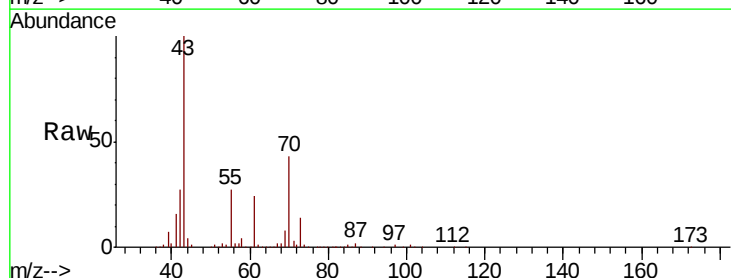
Ion Ratio Lower Upper

43 100

70 42.7 37.4 56.0

55 27.0 21.8 32.8

61 24.1 20.6 30.8

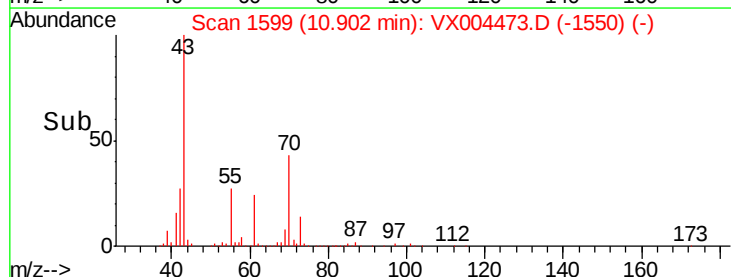
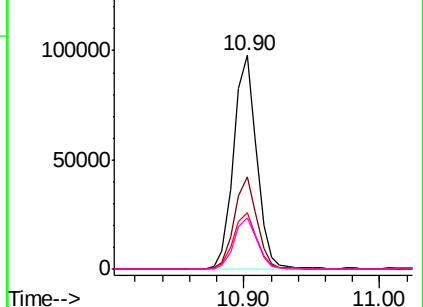


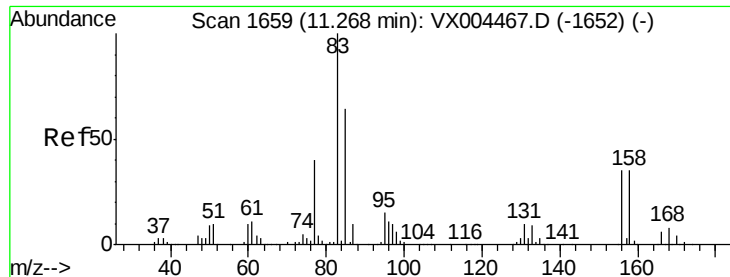
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

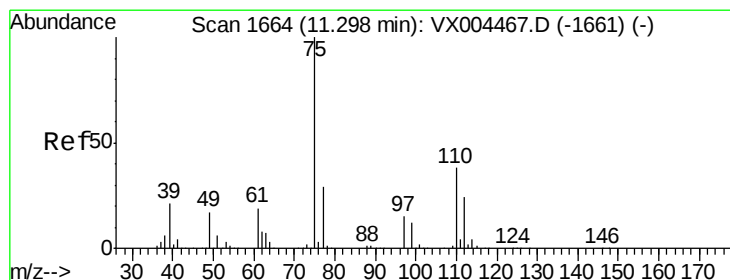
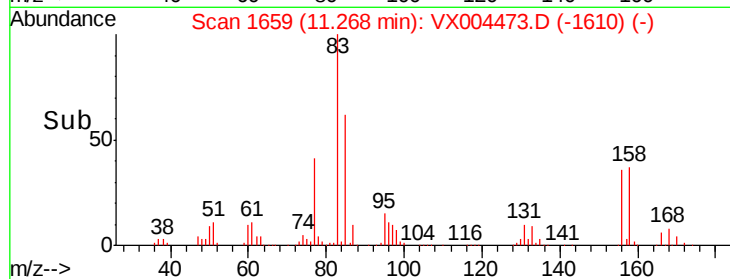
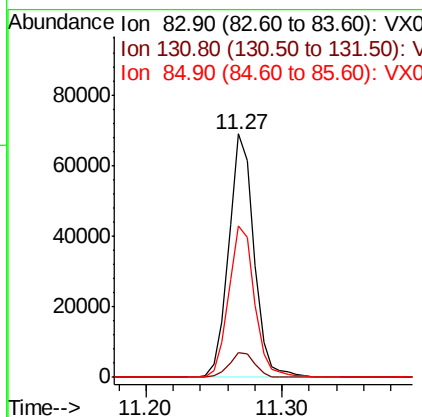
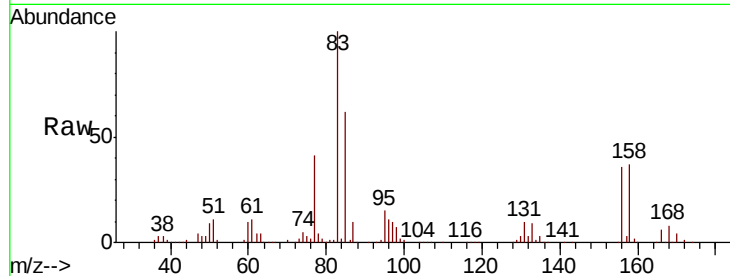




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.94 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VX004473.D
 Acq: 11 Sep 2018 18:47

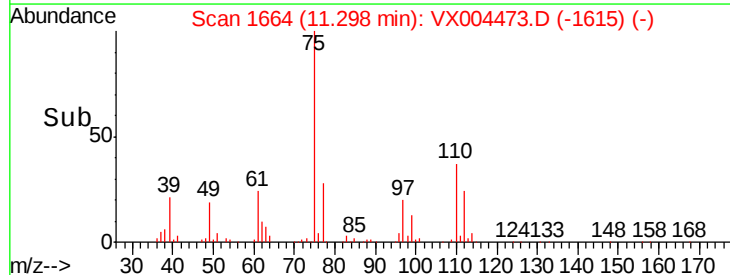
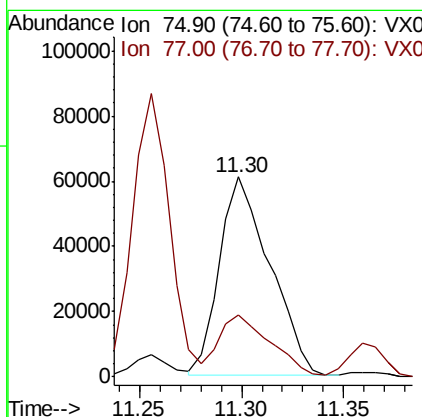
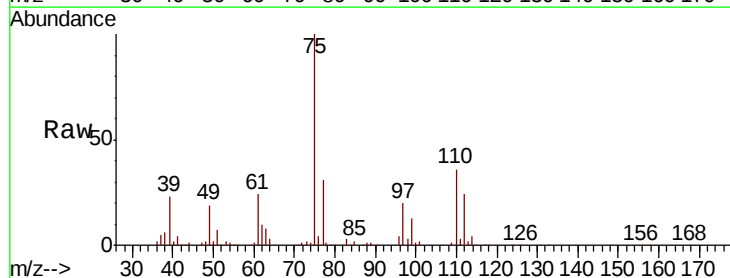
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911WBSD01

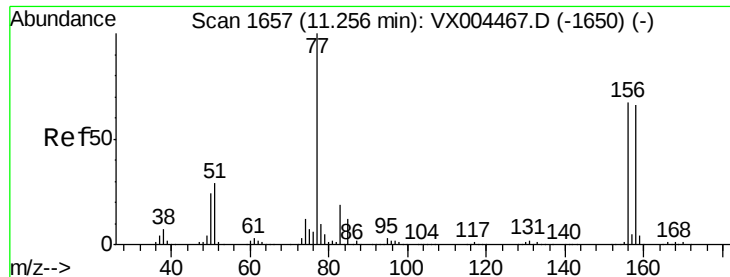
Tot Ion: 83 Resp: 88750
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.2 15.6
 85 64.0 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 26.77 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. 0.00 min
 Lab File: VX004473.D
 Acq: 11 Sep 2018 18:47

Tgt Ion: 75 Resp: 104344
 Ion Ratio Lower Upper
 75 100
 77 32.1 20.2 60.6





#77

Bromobenzene

Concen: 20.57 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX004473.D

Acq: 11 Sep 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

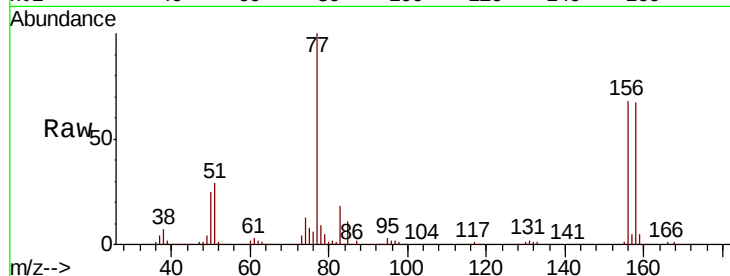
VX0911WBSD01

Tot Ion:156 Resp: 74699

Ion	Ratio	Lower	Upper
156	100		
77	147.9	71.5	214.3
158	98.1	48.9	146.8

77 147.9 71.5 214.3

158 98.1 48.9 146.8

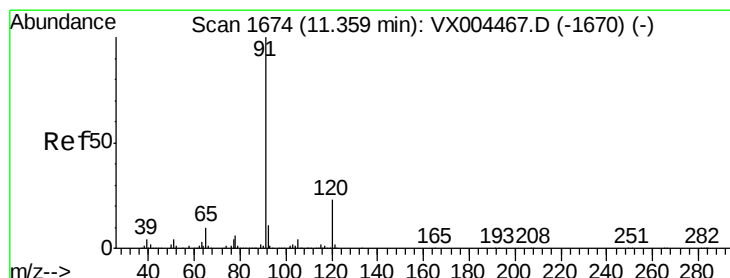
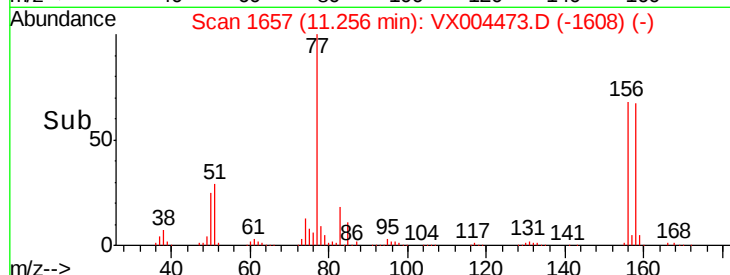
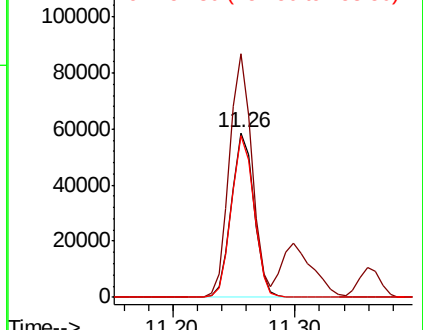


Abundance

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: 21.45 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004473.D

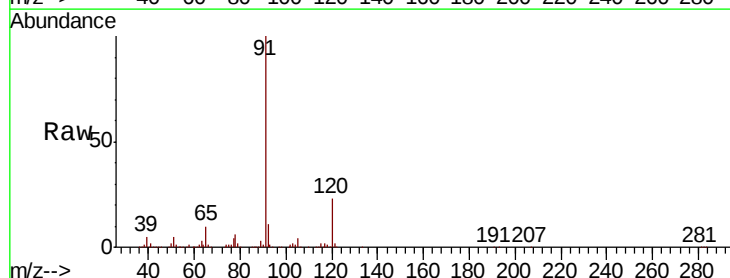
Acq: 11 Sep 2018 18:47

Tgt Ion: 91 Resp: 323992

Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.9	35.9

91 100

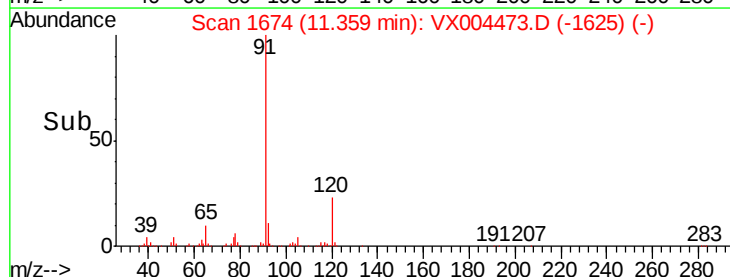
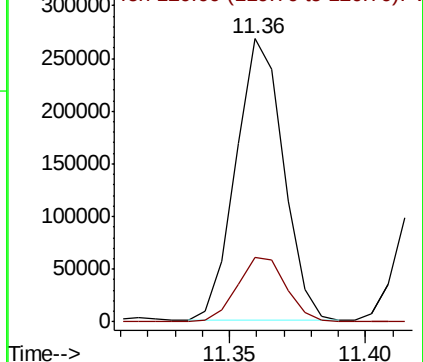
120 23.7 11.9 35.9



Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.00 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX004473.D

Acq: 11 Sep 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

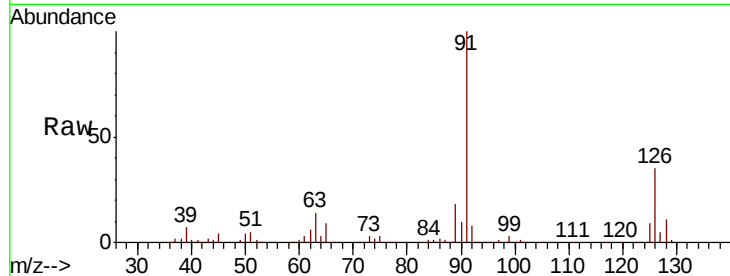
VX0911WBSD01

Tot Ion: 91 Resp: 192415

Ion Ratio Lower Upper

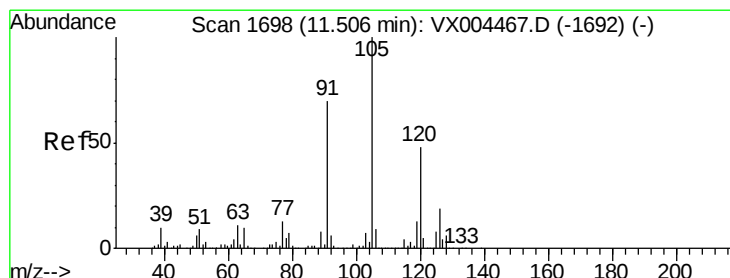
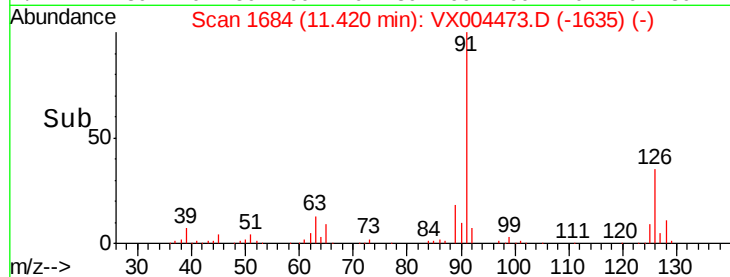
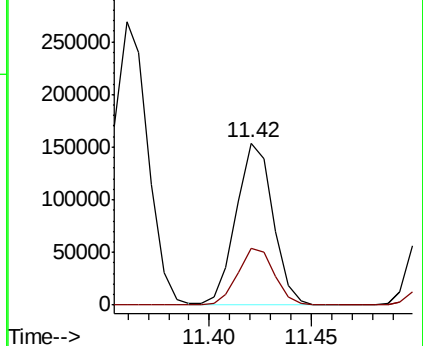
91 100

126 35.4 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.46 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004473.D

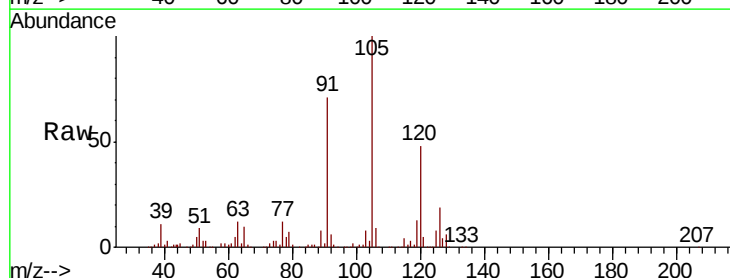
Acq: 11 Sep 2018 18:47

Tgt Ion:105 Resp: 236998

Ion Ratio Lower Upper

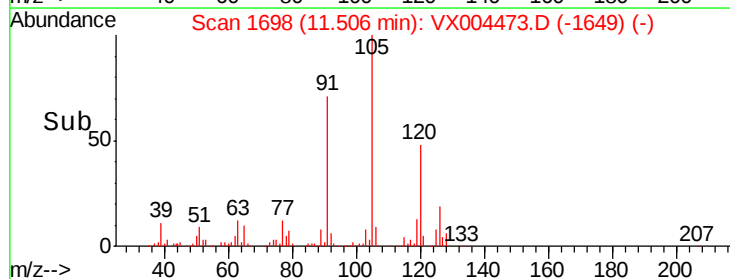
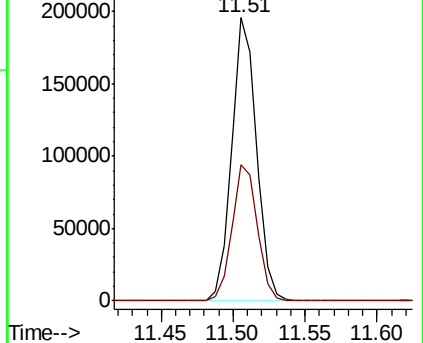
105 100

120 49.1 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 20.11 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VX004473.D

Acq: 11 Sep 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

VX0911WBSD01

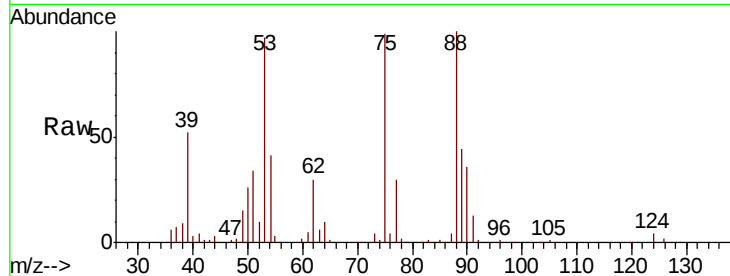
Tot Ion: 75 Resp: 25319

Ion Ratio Lower Upper

75 100

53 101.1 80.1 120.1

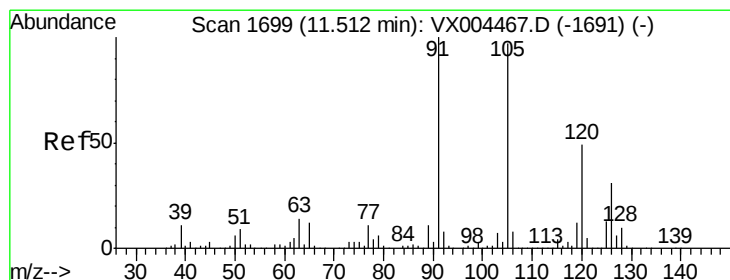
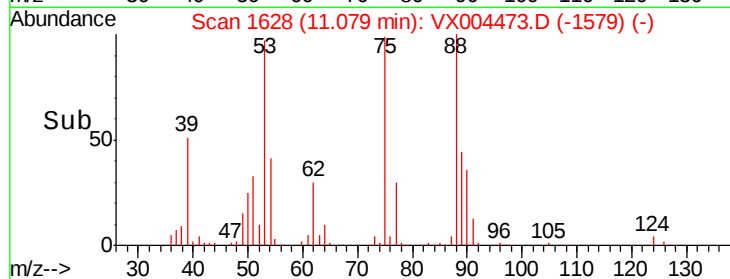
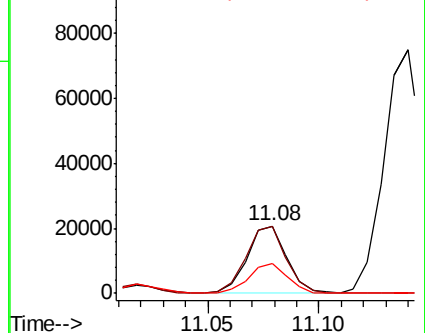
89 44.7 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 21.27 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX004473.D

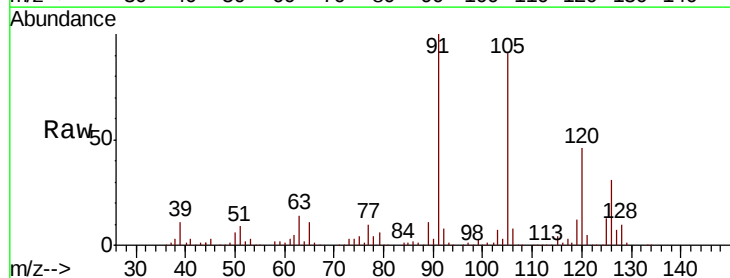
Acq: 11 Sep 2018 18:47

Tgt Ion: 91 Resp: 227445

Ion Ratio Lower Upper

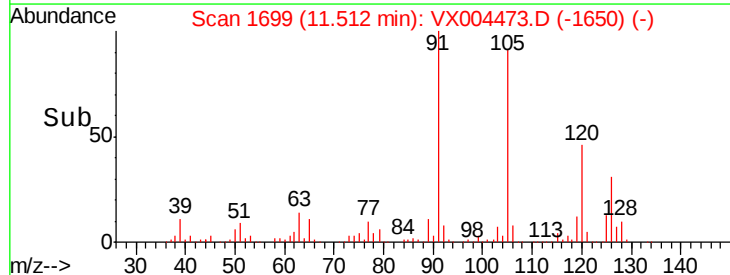
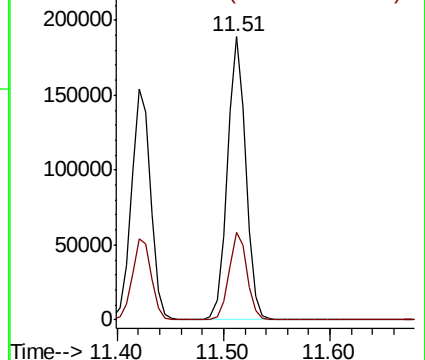
91 100

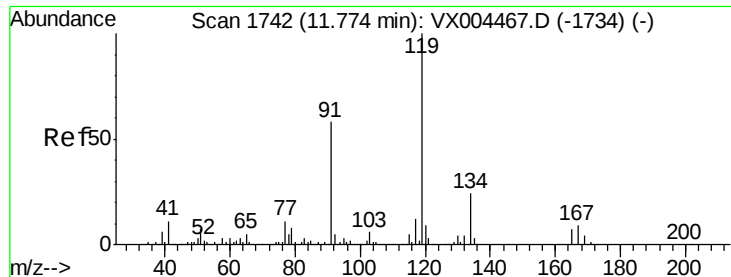
126 30.8 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

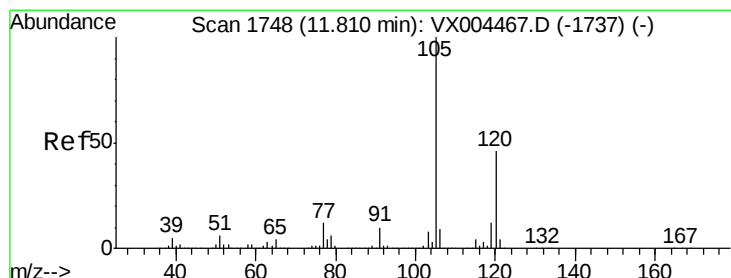
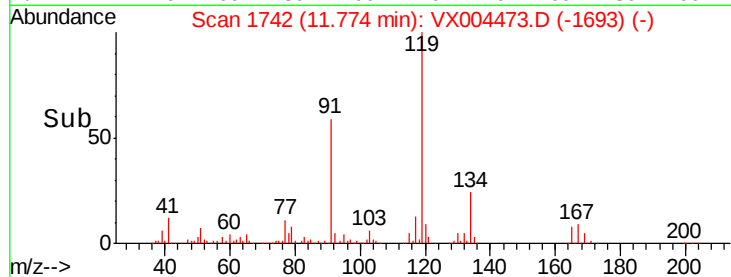
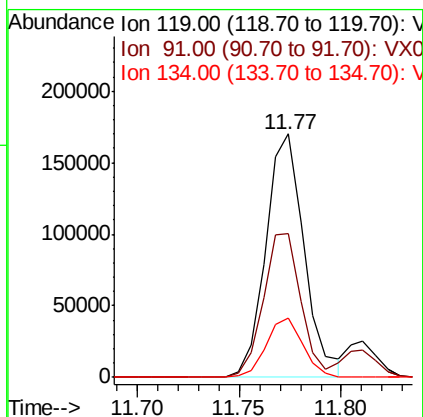
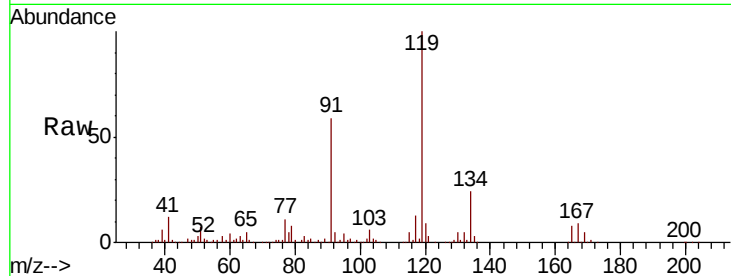




#83
 tert-Butylbenzene
 Concen: 21.20 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX004473.D
 Acq: 11 Sep 2018 18:47

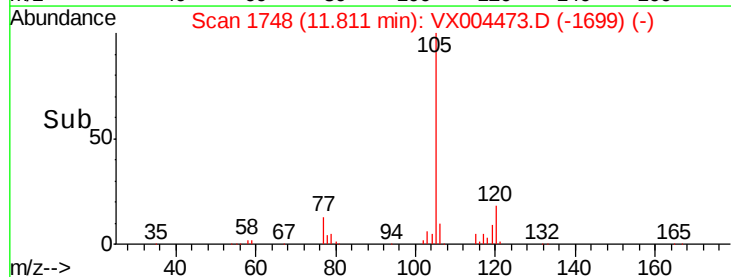
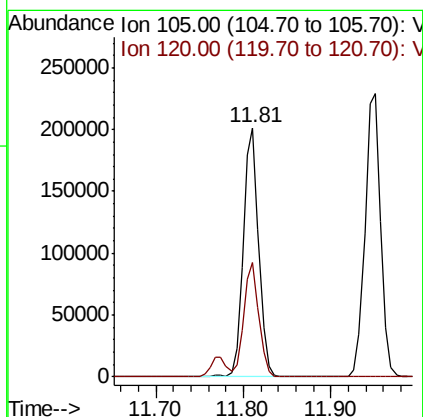
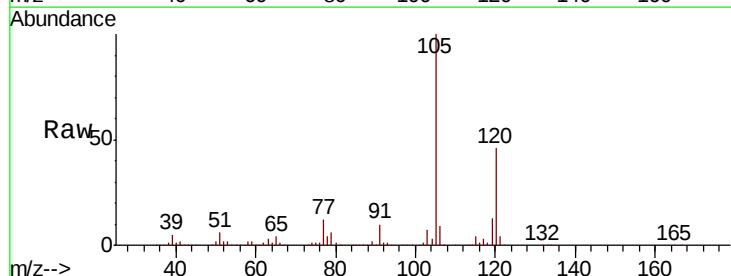
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0911WBSD01

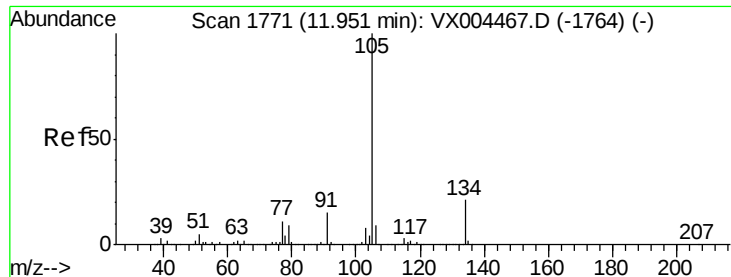
Tot Ion:119 Resp: 222945
 Ion Ratio Lower Upper
 119 100
 91 57.8 27.0 81.0
 134 23.4 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.83 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004473.D
 Acq: 11 Sep 2018 18:47

Tgt Ion:105 Resp: 246105
 Ion Ratio Lower Upper
 105 100
 120 44.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 21.36 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. 0.00 min

Lab File: VX004473.D

Acq: 11 Sep 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

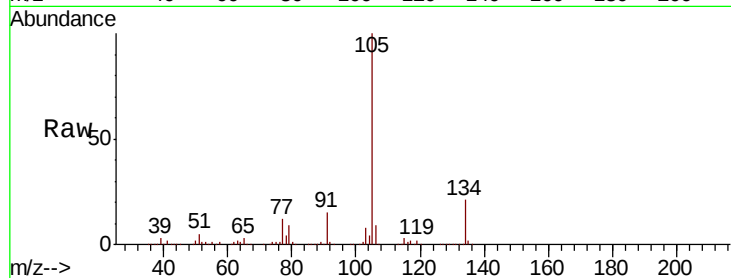
VX0911WBSD01

Tot Ion:105 Resp: 286161

Ion Ratio Lower Upper

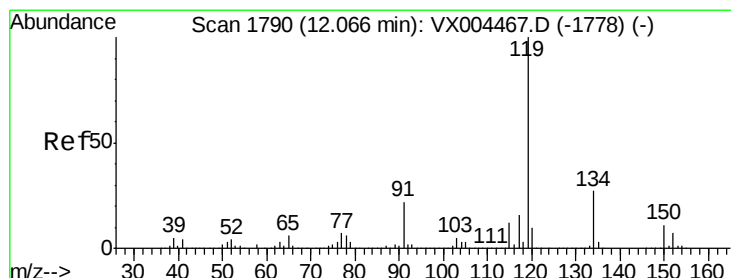
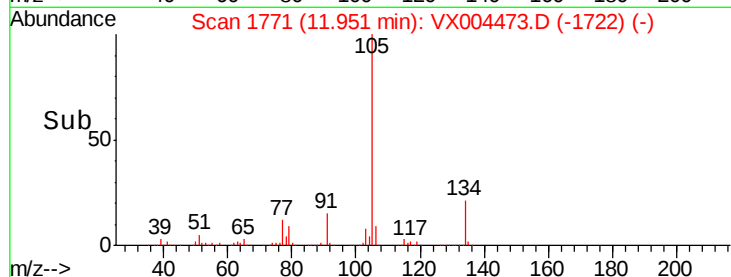
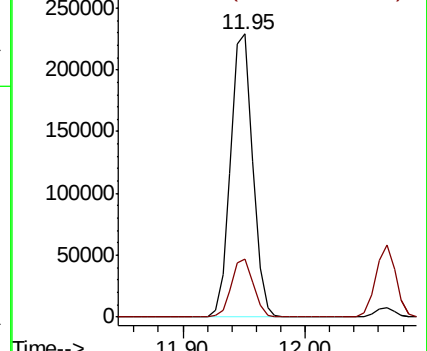
105 100

134 20.5 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.52 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX004473.D

Acq: 11 Sep 2018 18:47

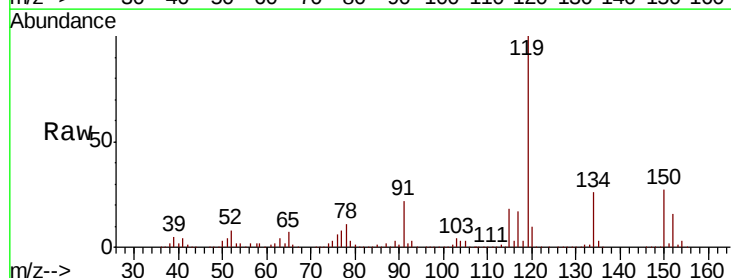
Tgt Ion:119 Resp: 254657

Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.2

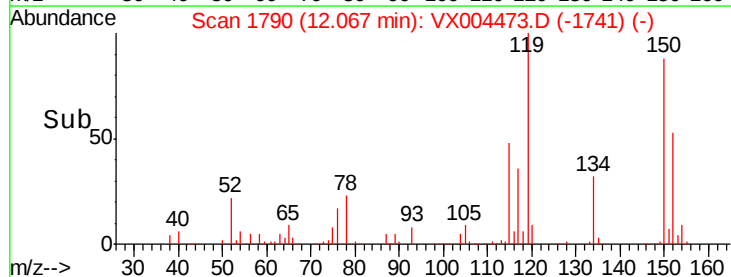
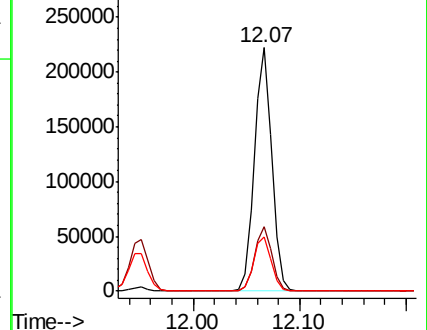
91 22.8 10.9 32.7

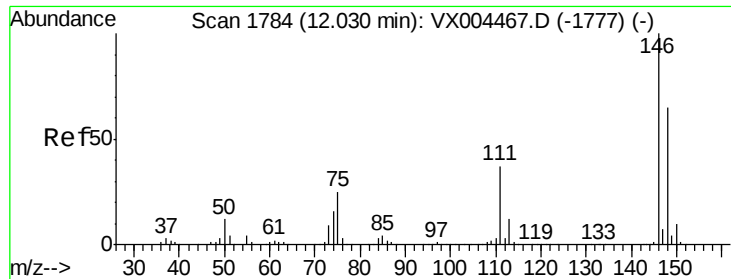


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

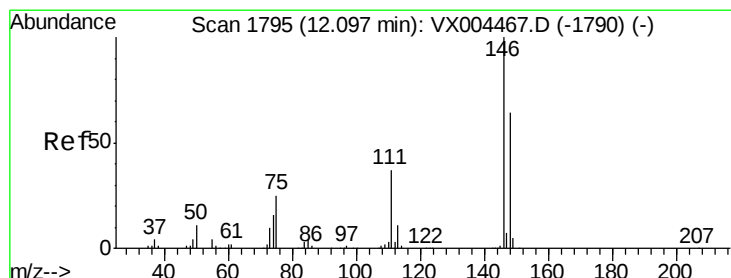
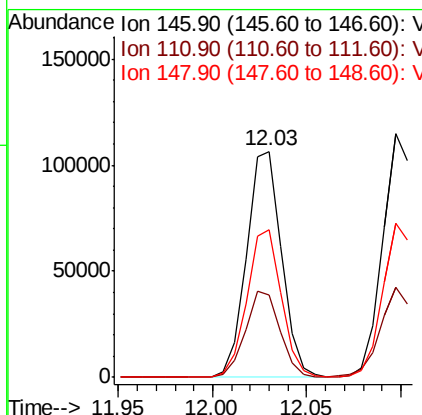
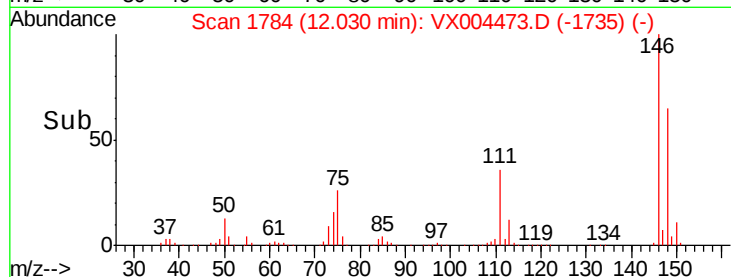
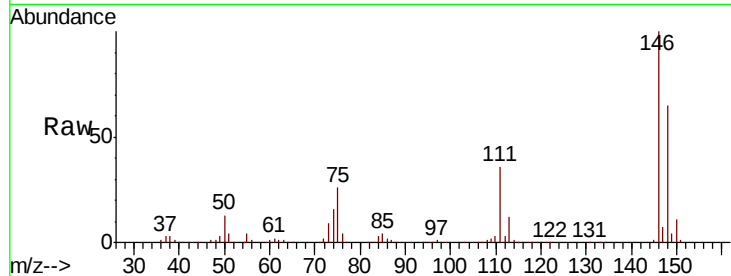




#87
 1,3-Dichlorobenzene
 Concen: 20.23 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX004473.D
 Acq: 11 Sep 2018 18:47

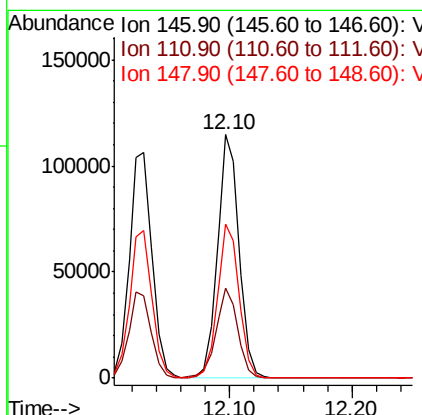
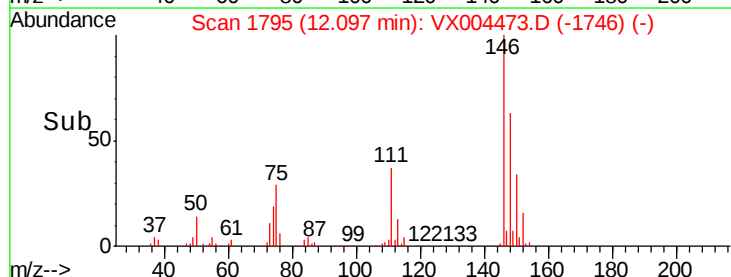
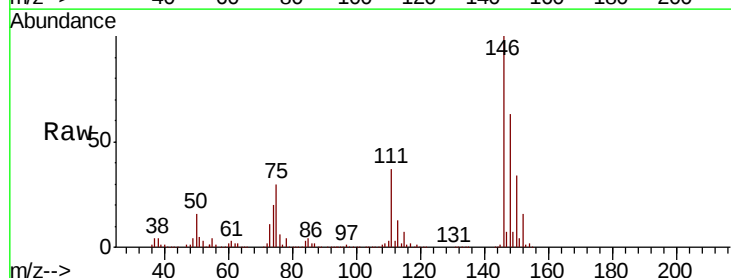
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911WBSD01

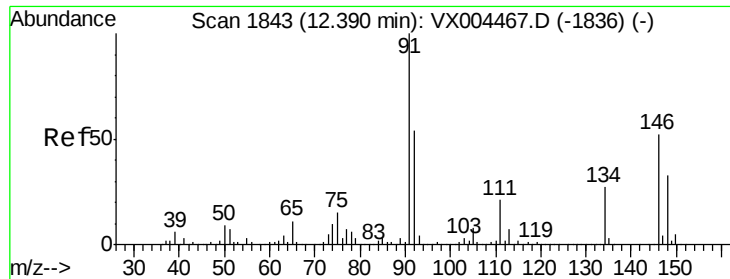
Tot Ion:146 Resp: 137023
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.7 56.1
 148 64.3 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 20.03 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX004473.D
 Acq: 11 Sep 2018 18:47

Tgt Ion:146 Resp: 140226
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.1 54.1
 148 63.7 32.0 96.0

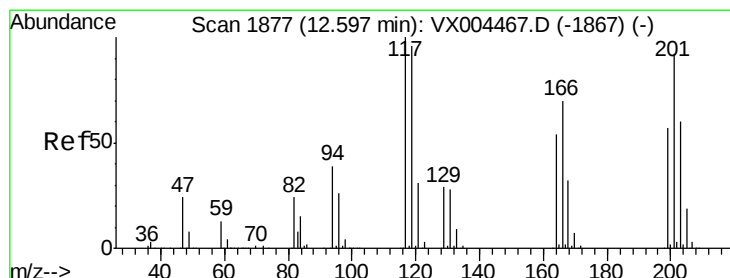
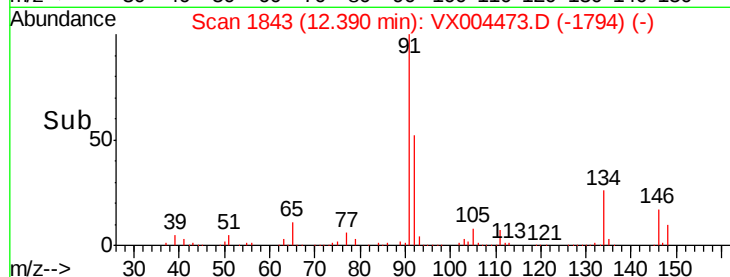
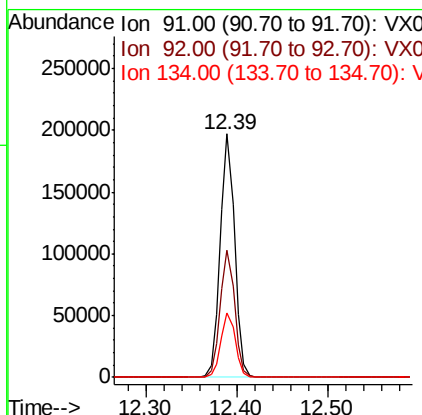
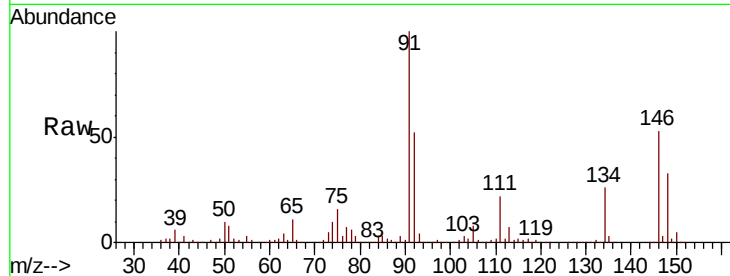




#89
n-Butylbenzene
Concen: 20.46 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX004473.D
Acq: 11 Sep 2018 18:47

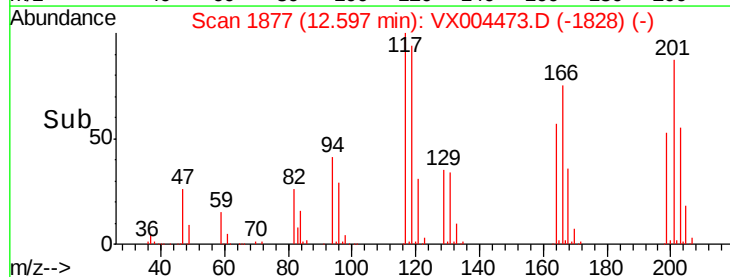
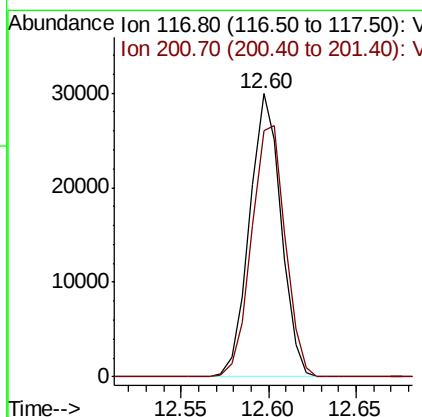
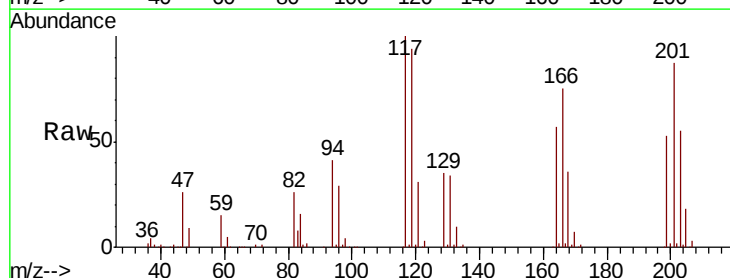
Instrument :
MSVOA_X
ClientSampled :
VX0911WBSD01

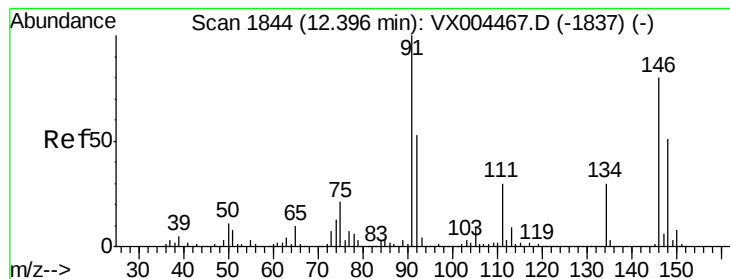
Tot Ion: 91 Resp: 220561
Ion Ratio Lower Upper
91 100
92 52.5 27.3 81.9
134 26.4 13.6 40.7



#90
Hexachloroethane
Concen: 19.80 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX004473.D
Acq: 11 Sep 2018 18:47

Tgt Ion: 117 Resp: 37497
Ion Ratio Lower Upper
117 100
201 94.8 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 20.22 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VX004473.D

Acq: 11 Sep 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

VX0911WBSD01

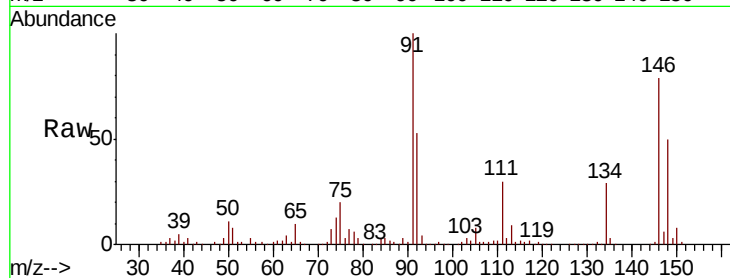
Tot Ion:146 Resp: 138678

Ion Ratio Lower Upper

146 100

111 39.6 19.4 58.1

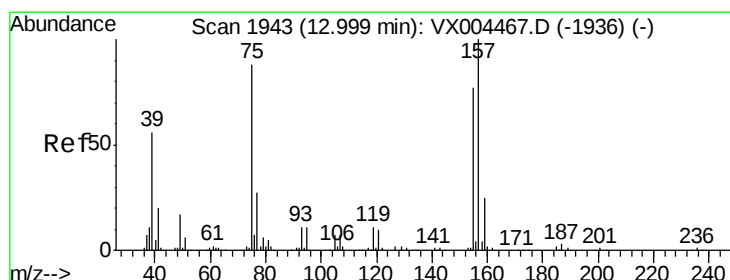
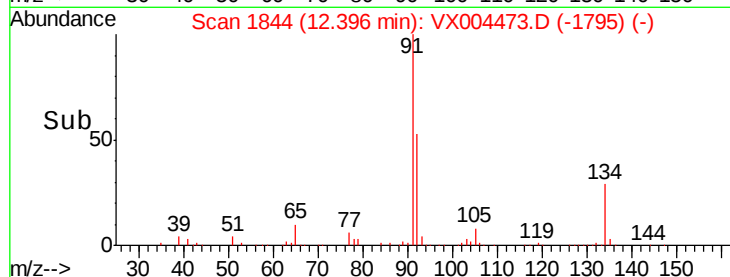
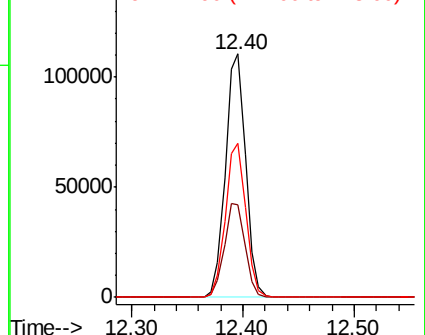
148 63.6 32.8 98.3



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: 21.36 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX004473.D

Acq: 11 Sep 2018 18:47

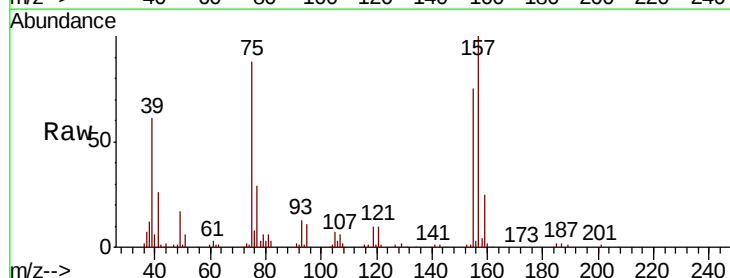
Tgt Ion: 75 Resp: 19322

Ion Ratio Lower Upper

75 100

155 93.0 48.0 144.2

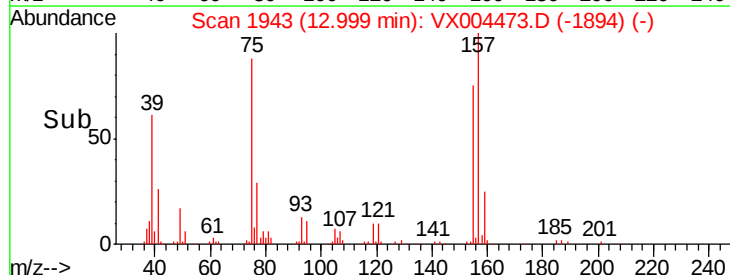
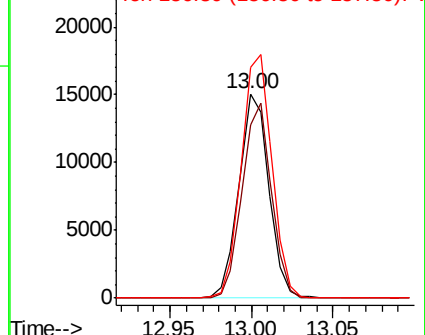
157 121.5 61.4 184.1

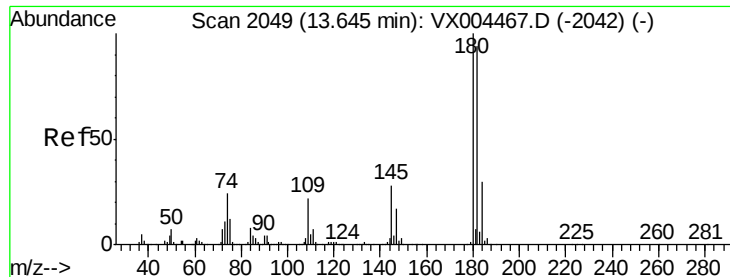


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

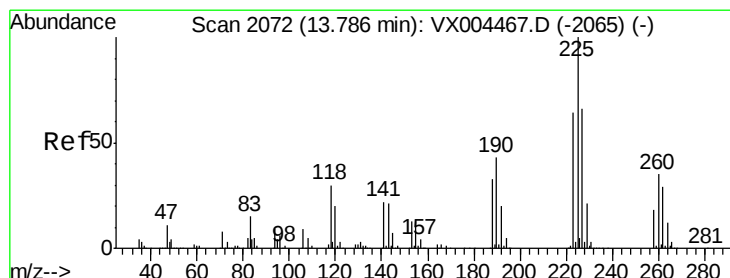
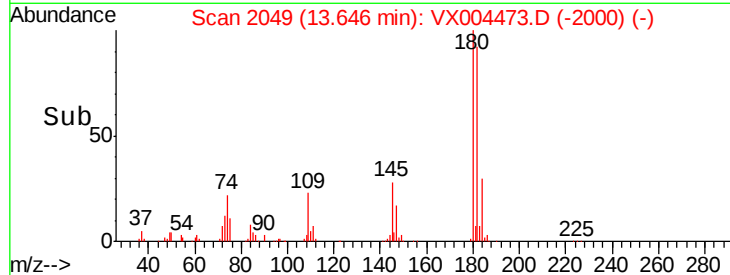
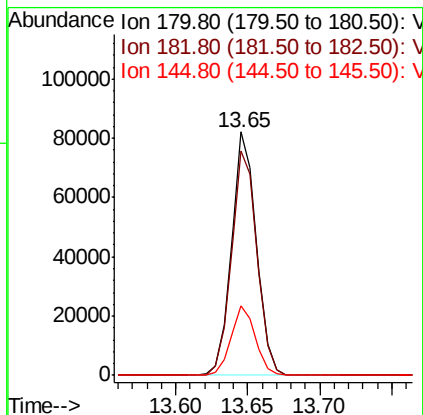
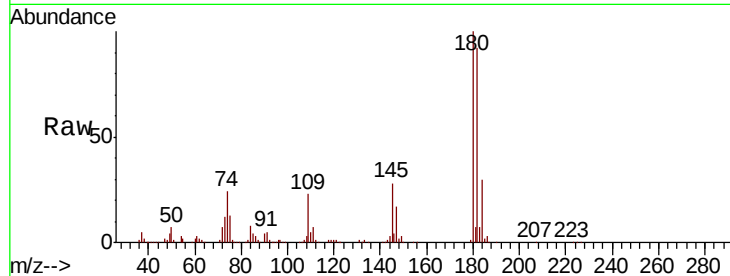




#93
 1,2,4-Trichlorobenzene
 Concen: 20.49 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX004473.D
 Acq: 11 Sep 2018 18:47

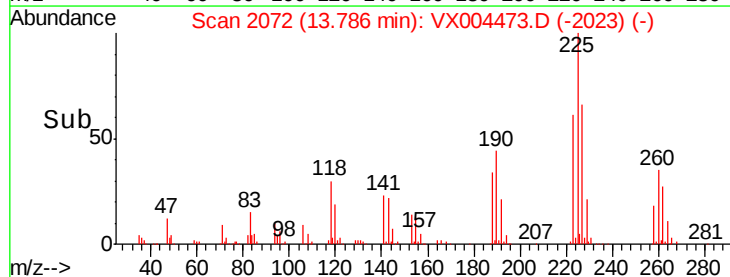
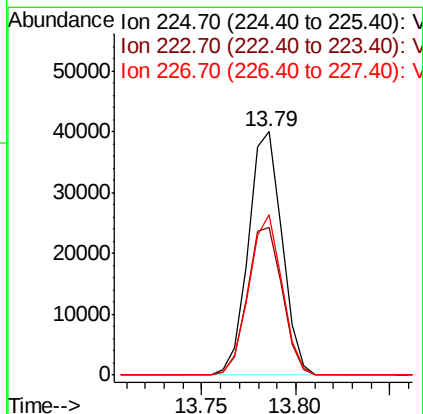
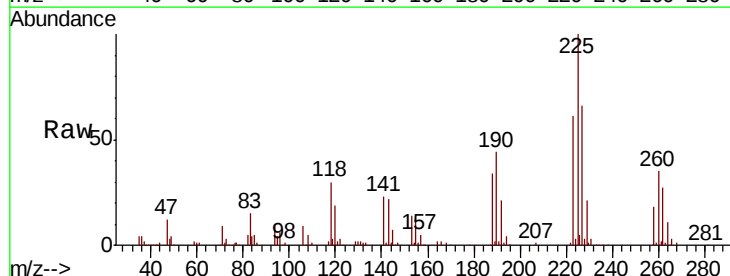
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911WBSD01

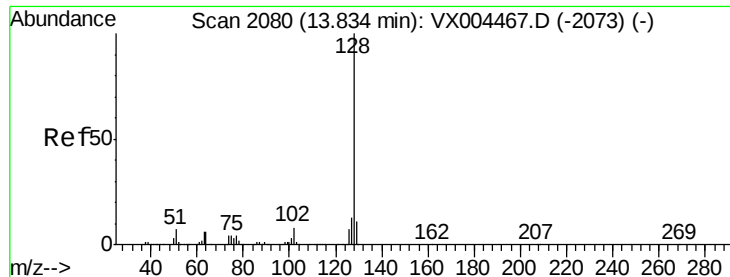
Tot Ion:180 Resp: 99475
 Ion Ratio Lower Upper
 180 100
 182 94.5 48.4 145.0
 145 27.9 14.3 42.9



#94
 Hexachlorobutadiene
 Concen: 19.54 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX004473.D
 Acq: 11 Sep 2018 18:47

Tgt Ion:225 Resp: 49548
 Ion Ratio Lower Upper
 225 100
 223 62.9 30.1 90.5
 227 64.9 30.8 92.4





#95

Naphthalene

Concen: 21.31 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004473.D

Acq: 11 Sep 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

VX0911WBSD01

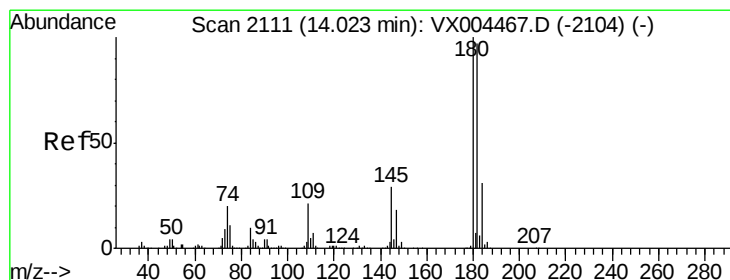
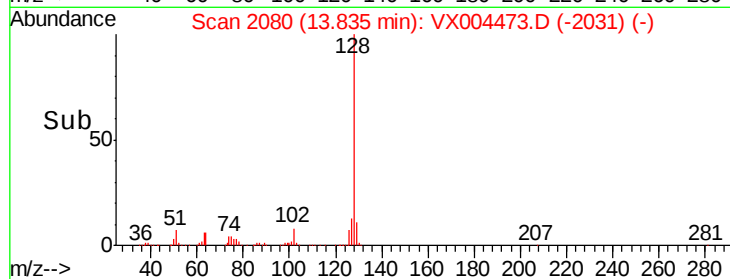
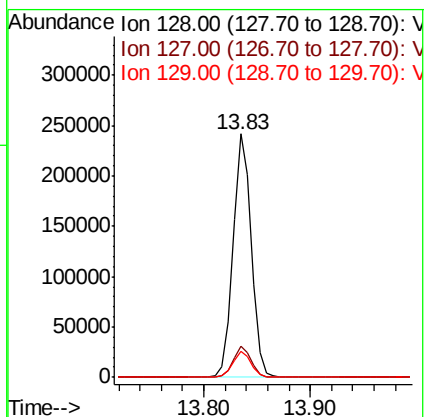
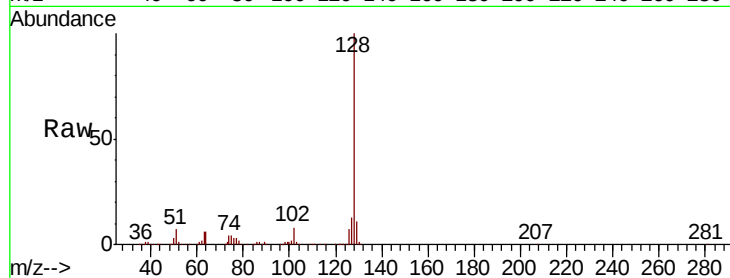
Tot Ion:128 Resp: 290253

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 20.55 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX004473.D

Acq: 11 Sep 2018 18:47

Tgt Ion:180 Resp: 102511

Ion Ratio Lower Upper

180 100

182 94.1 48.5 145.6

145 29.5 14.9 44.9

