

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091318\
 Data File : VX004509.D
 Acq On : 13 Sep 2018 12:07
 Operator : JC/MD
 Sample : VX0913WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBS01

Quant Time: Sep 14 03:51:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	301705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	379315	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	367635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	214880	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	187055	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
35) Dibromofluoromethane	5.50	113	161267	46.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.92%	
50) Toluene-d8	8.71	98	556009	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
62) 4-Bromofluorobenzene	11.14	95	202891	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	55474	19.62	ug/l	97
3) Chloromethane	1.32	50	70276	18.06	ug/l	98
4) Vinyl Chloride	1.40	62	74165	18.57	ug/l	97
5) Bromomethane	1.64	94	38486	22.36	ug/l	100
6) Chloroethane	1.72	64	47133	18.25	ug/l	99
7) Trichlorofluoromethane	1.93	101	100596	19.00	ug/l	95
8) Diethyl Ether	2.18	74	45559	19.19	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	66500	19.80	ug/l	98
10) Methyl Iodide	2.51	142	60900	18.13	ug/l	97
11) Tert butyl alcohol	3.07	59	90139	97.11	ug/l	99
12) 1,1-Dichloroethene	2.37	96	60820	19.29	ug/l	97
13) Acrolein	2.29	56	31507	85.98	ug/l	94
14) Allyl chloride	2.73	41	118751	18.32	ug/l	97
15) Acrylonitrile	3.15	53	209124	93.55	ug/l	99
16) Acetone	2.45	43	163199	85.95	ug/l	99
17) Carbon Disulfide	2.57	76	175729	19.29	ug/l	97
18) Methyl Acetate	2.78	43	97570	18.32	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	212863	19.24	ug/l	99
20) Methylene Chloride	2.85	84	72961	18.73	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	66176	19.00	ug/l	93
22) Diisopropyl ether	3.87	45	221799	19.00	ug/l	93
23) Vinyl Acetate	3.82	43	907858	96.11	ug/l	98
24) 1,1-Dichloroethane	3.69	63	128708	19.53	ug/l	98
25) 2-Butanone	4.70	43	260366	86.16	ug/l	94
26) 2,2-Dichloropropane	4.59	77	97362	21.51	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	75664	19.46	ug/l	100
28) Bromochloromethane	5.01	49	59594	19.77	ug/l	99
29) Tetrahydrofuran	5.15	42	167901	92.13	ug/l	99
30) Chloroform	5.21	83	123020	19.12	ug/l	95
31) Cyclohexane	5.58	56	113417	20.15	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	102694	19.82	ug/l	98
36) 1,1-Dichloropropene	5.80	75	96866	21.03	ug/l	99
37) Ethyl Acetate	4.85	43	98291	18.77	ug/l	99
38) Carbon Tetrachloride	5.78	117	87597	19.48	ug/l	96

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 Data File : VX004509.D
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 Sample : VX0913WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBS01

Quant Time: Sep 14 03:51:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	101436	21.11	ug/l	93
40) Benzene	6.13	78	284501	20.82	ug/l	98
41) Methacrylonitrile	5.06	41	54413	18.86	ug/l	100
42) 1,2-Dichloroethane	6.20	62	92159	20.34	ug/l	99
43) Isopropyl Acetate	6.46	43	145031	20.85	ug/l	99
44) Trichloroethene	7.21	130	71073	20.02	ug/l	96
45) 1,2-Dichloropropane	7.52	63	63829	19.41	ug/l	98
46) Dibromomethane	7.66	93	40304	19.40	ug/l	99
47) Bromodichloromethane	7.90	83	76442	19.46	ug/l	99
48) Methyl methacrylate	7.78	41	67255	19.54	ug/l	98
49) 1,4-Dioxane	7.76	88	33211	407.58	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	438786	89.38	ug/l	99
52) Toluene	8.79	92	157000	19.50	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	87851	19.15	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	95491	20.42	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	69822	20.14	ug/l	94
56) Ethyl methacrylate	9.18	69	97722	19.93	ug/l	99
57) 1,3-Dichloropropane	9.37	76	117684	20.90	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	225971	95.09	ug/l	97
59) 2-Hexanone	9.49	43	369160	98.04	ug/l	99
60) Dibromochloromethane	9.59	129	63040	19.32	ug/l	98
61) 1,2-Dibromoethane	9.67	107	65833	19.88	ug/l	98
64) Tetrachloroethene	9.34	164	91958	20.03	ug/l	95
65) Chlorobenzene	10.14	112	176383	19.32	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	60076	19.08	ug/l	99
67) Ethyl Benzene	10.25	91	292286	19.68	ug/l	97
68) m/p-Xylenes	10.36	106	232098	40.58	ug/l	97
69) o-Xylene	10.70	106	109061	19.83	ug/l	98
70) Styrene	10.71	104	183862	20.18	ug/l	99
71) Bromoform	10.86	173	47077	18.21	ug/l	100
73) Isopropylbenzene	11.02	105	302240	21.36	ug/l	99
74) N-amyl acetate	10.90	43	113539	19.06	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	87423	19.15	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	107241	24.81	ug/l	87
77) Bromobenzene	11.26	156	79812	20.40	ug/l	99
78) n-propylbenzene	11.36	91	348831	21.44	ug/l	99
79) 2-Chlorotoluene	11.42	91	202316	20.50	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	252849	21.25	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	26836	19.79	ug/l	99
82) 4-Chlorotoluene	11.51	91	240843	20.91	ug/l	100
83) tert-Butylbenzene	11.77	119	238539	21.06	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	260928	21.48	ug/l	99
85) sec-Butylbenzene	11.94	105	309156	21.42	ug/l	98
86) p-Isopropyltoluene	12.07	119	275896	21.65	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	149221	20.45	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	150227	19.92	ug/l	97
89) n-Butylbenzene	12.39	91	242035	20.84	ug/l	98
90) Hexachloroethane	12.60	117	39475	19.35	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	148147	20.06	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18602	19.09	ug/l	98

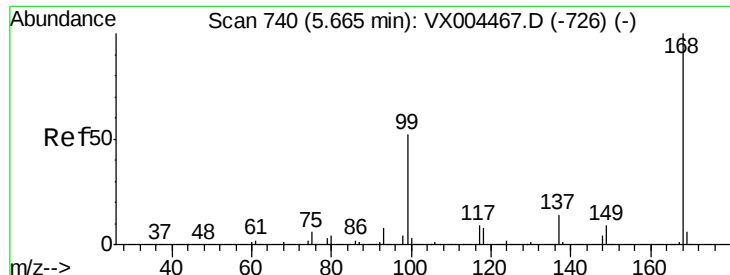
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091318\
Data File : VX004509.D
Acq On : 13 Sep 2018 12:07
Operator : JC/MD
Sample : VX0913WBS01
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MSVOA_X
ClientSampleId :
VX0913WBS01

Quant Time: Sep 14 03:51:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	109934	21.02	ug/l	99
94) Hexachlorobutadiene	13.79	225	56674	20.74	ug/l	97
95) Naphthalene	13.83	128	301470	20.55	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	111464	20.74	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX004509.D

Acq: 13 Sep 2018 12:07

Instrument :

MSVOA_X

ClientSampleId :

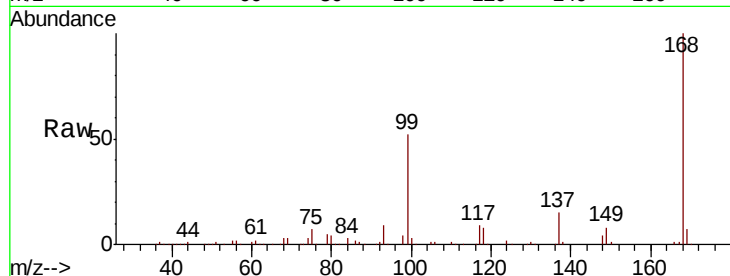
VX0913WBS01

Tot Ion:168 Resp: 301705

Ion Ratio Lower Upper

168 100

99 51.6 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

60000

40000

20000

0

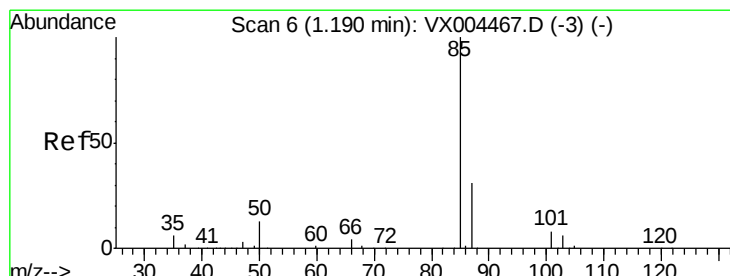
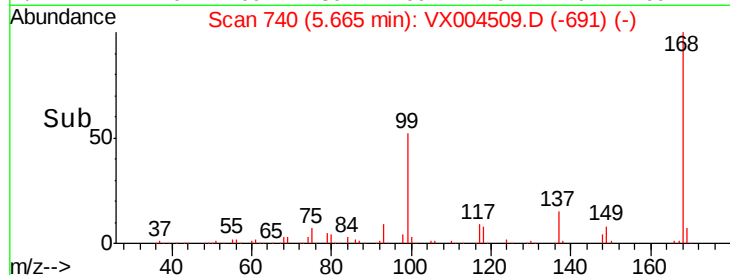
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 19.62 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.01 min

Lab File: VX004509.D

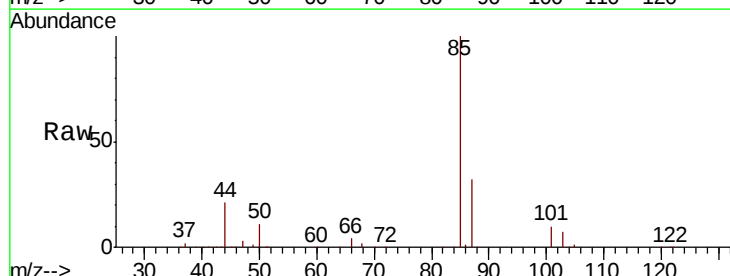
Acq: 13 Sep 2018 12:07

Tgt Ion: 85 Resp: 55474

Ion Ratio Lower Upper

85 100

87 32.1 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

60000

50000

40000

30000

20000

10000

0

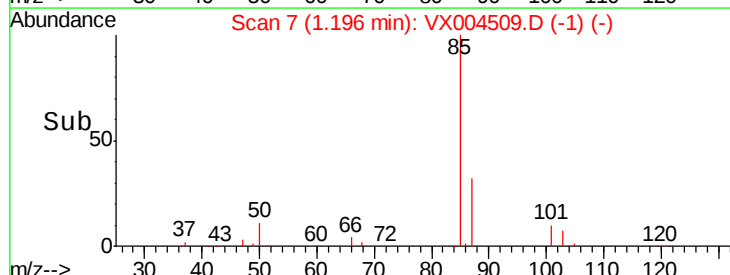
Time-->

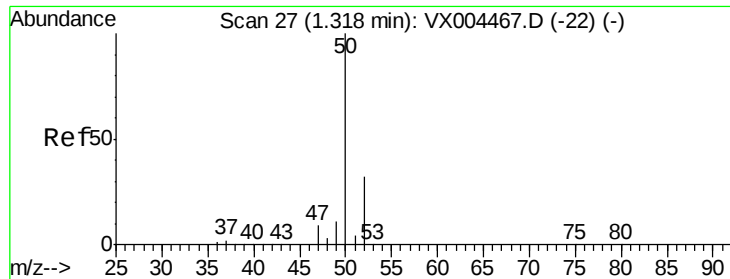
1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 18.06 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX004509.D

Acq: 13 Sep 2018 12:07

Instrument :

MSVOA_X

ClientSampleId :

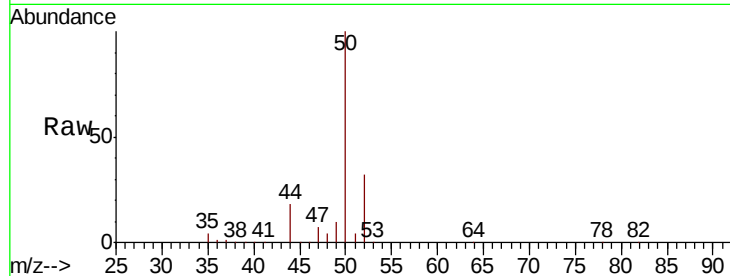
VX0913WBS01

Tot Ion: 50 Resp: 70276

Ion Ratio Lower Upper

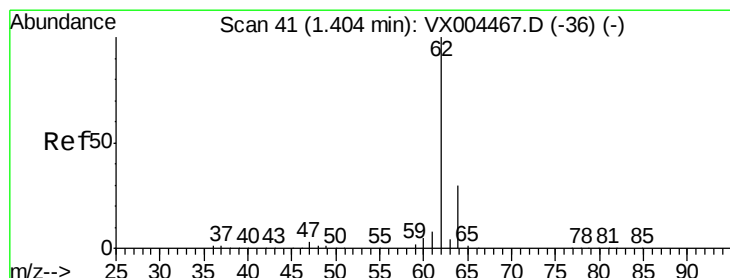
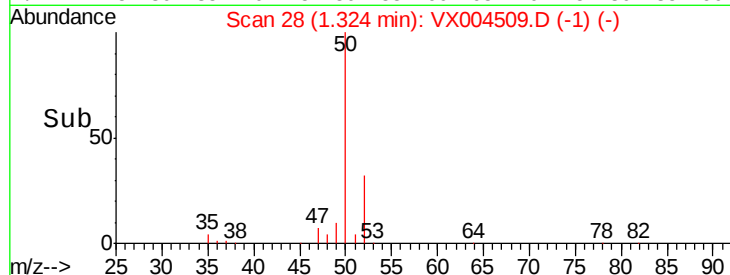
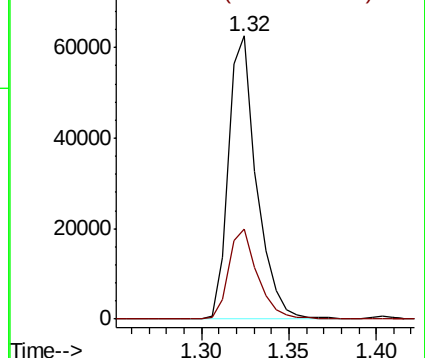
50 100

52 31.8 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: 18.57 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004509.D

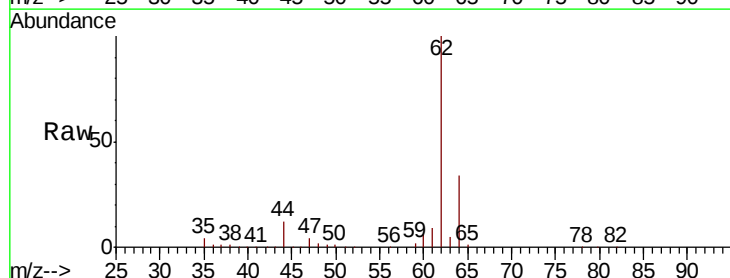
Acq: 13 Sep 2018 12:07

Tgt Ion: 62 Resp: 74165

Ion Ratio Lower Upper

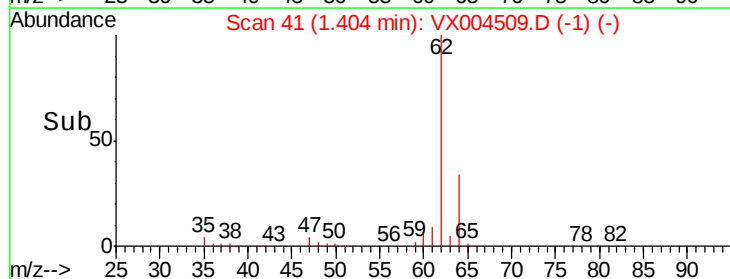
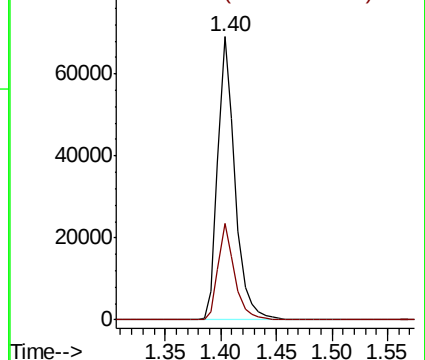
62 100

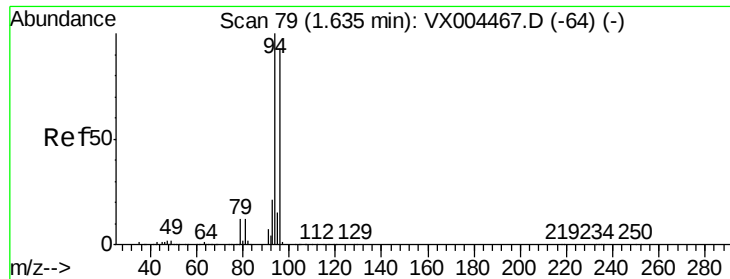
64 34.2 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 22.36 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004509.D

Acq: 13 Sep 2018 12:07

Instrument :

MSVOA_X

ClientSampleId :

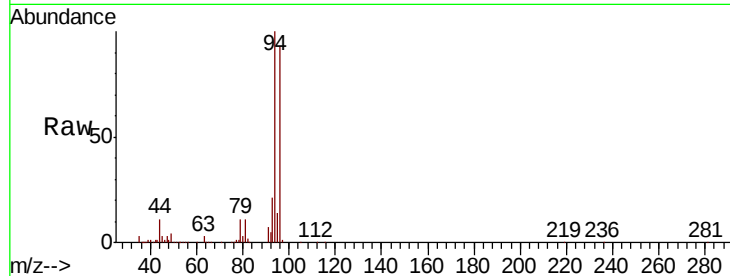
VX0913WBS01

Tot Ion: 94 Resp: 38486

Ion Ratio Lower Upper

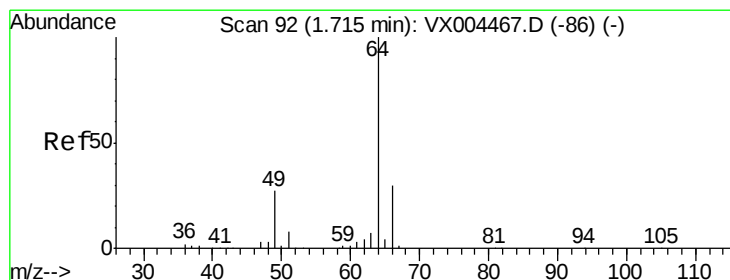
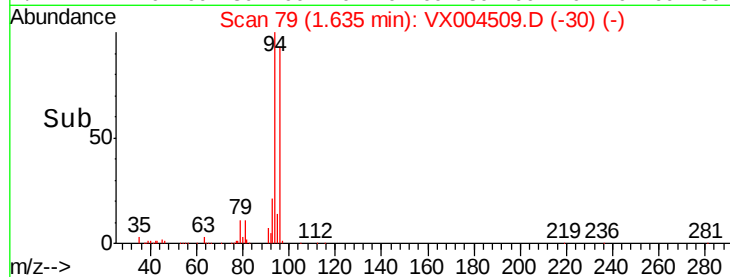
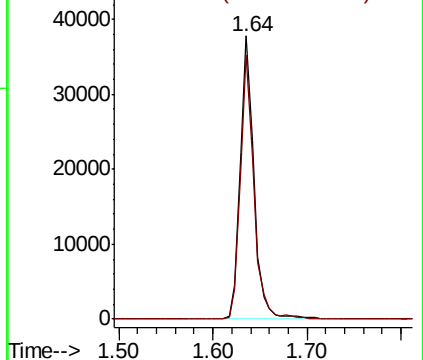
94 100

96 93.2 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: 18.25 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004509.D

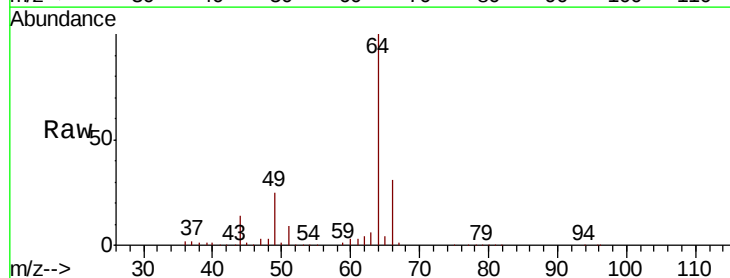
Acq: 13 Sep 2018 12:07

Tgt Ion: 64 Resp: 47133

Ion Ratio Lower Upper

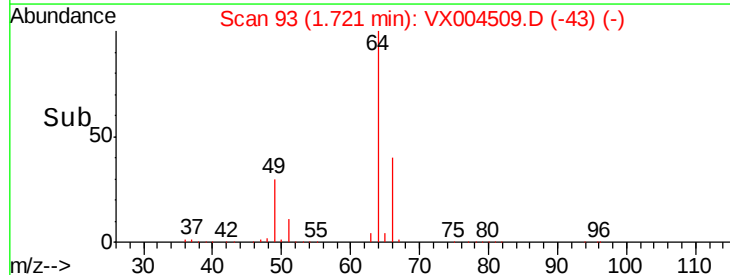
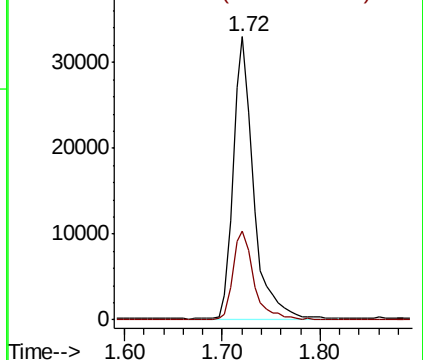
64 100

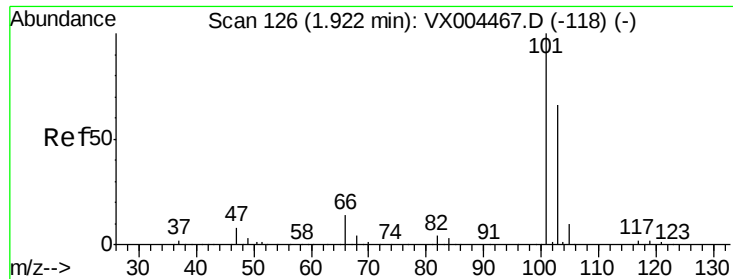
66 31.3 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



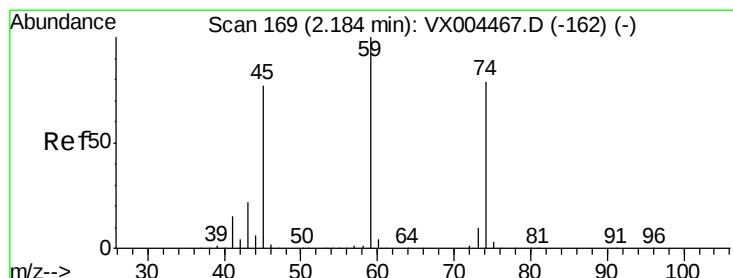
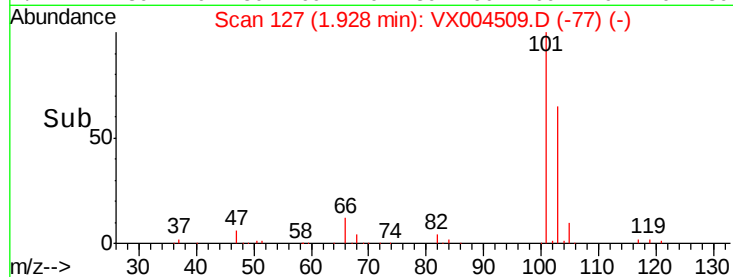
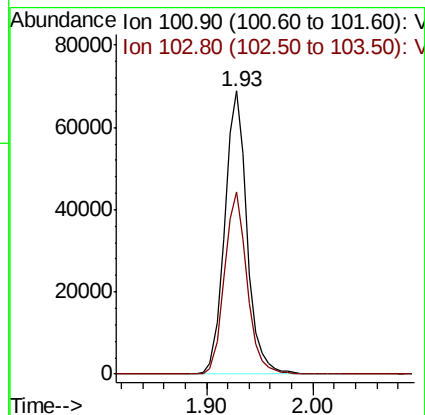
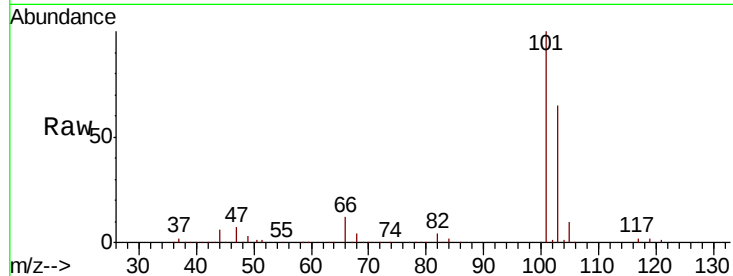


#7

Trichlorofluoromethane
 Concen: 19.00 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX004509.D
 Acq: 13 Sep 2018 12:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBS01

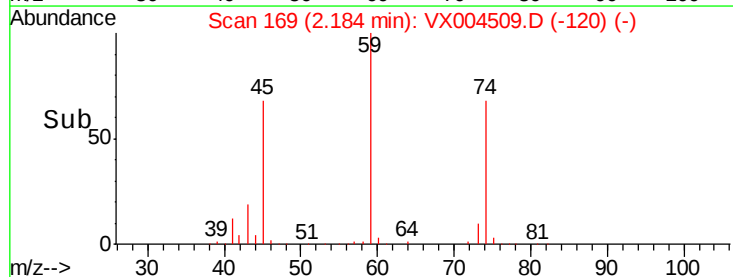
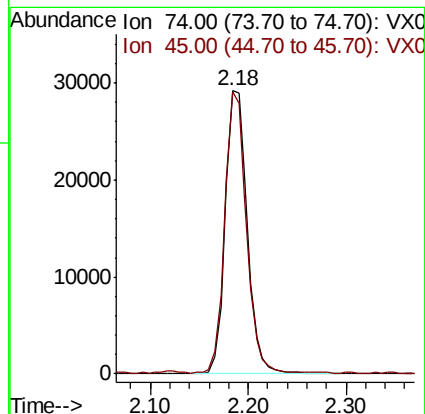
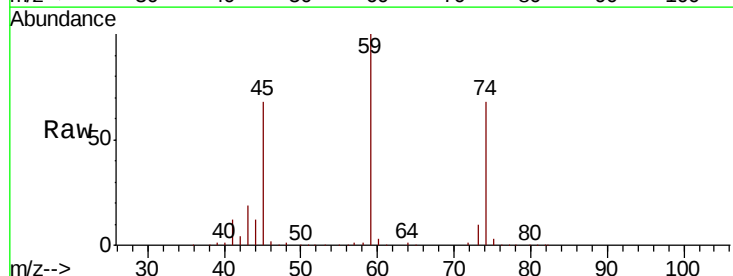
Tot Ion:101 Resp: 100596
 Ion Ratio Lower Upper
 101 100
 103 64.6 48.9 73.3



#8

Diethyl Ether
 Concen: 19.19 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX004509.D
 Acq: 13 Sep 2018 12:07

Tgt Ion: 74 Resp: 45559
 Ion Ratio Lower Upper
 74 100
 45 97.3 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.80 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX004509.D

Acq: 13 Sep 2018 12:07

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBS01

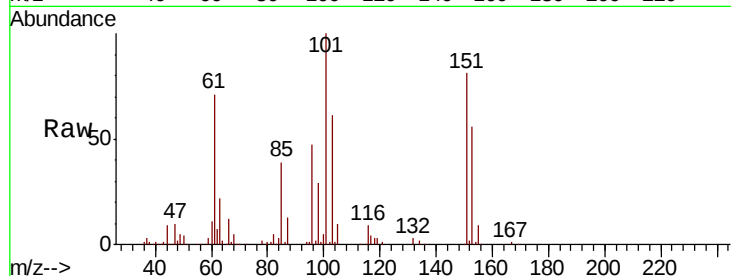
Tot Ion:101 Resp: 66500

Ion Ratio Lower Upper

101 100

85 42.2 34.2 51.4

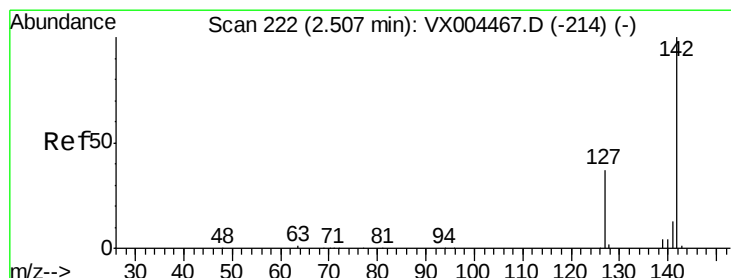
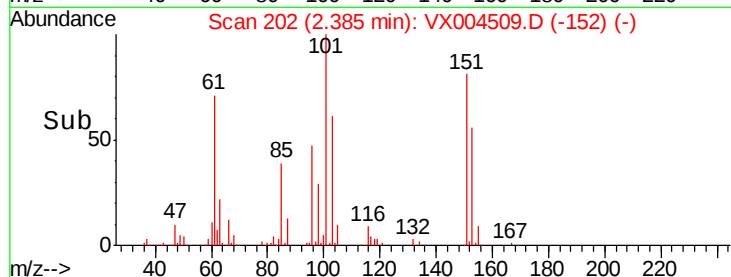
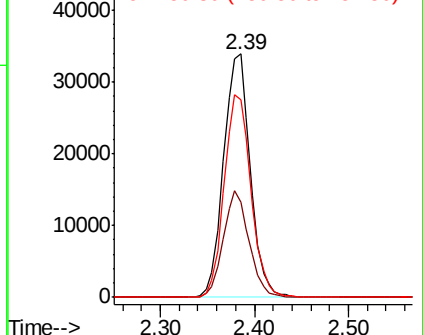
151 83.7 65.0 97.6



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: 18.13 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004509.D

Acq: 13 Sep 2018 12:07

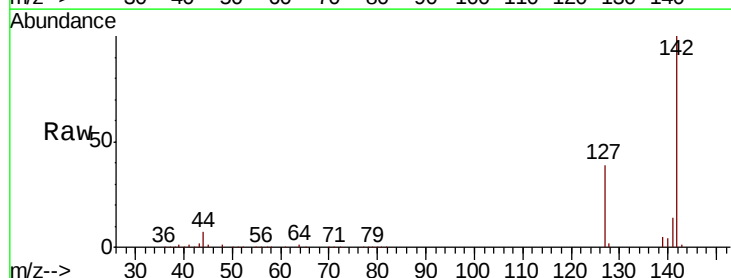
Tgt Ion:142 Resp: 60900

Ion Ratio Lower Upper

142 100

127 39.5 33.8 50.6

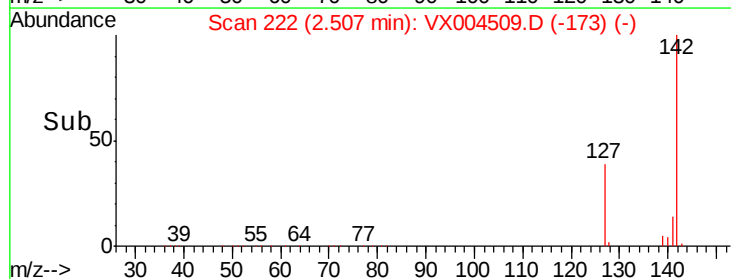
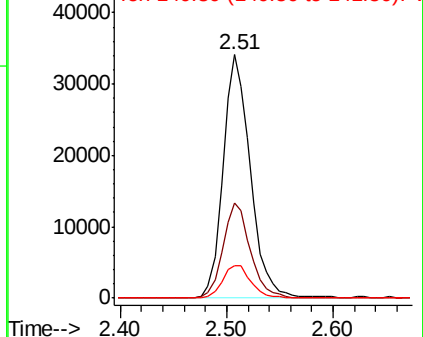
141 14.2 11.4 17.0

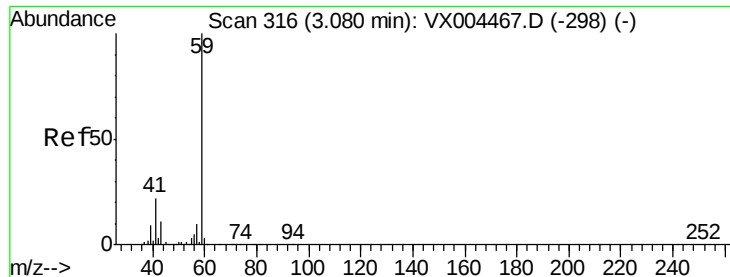


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

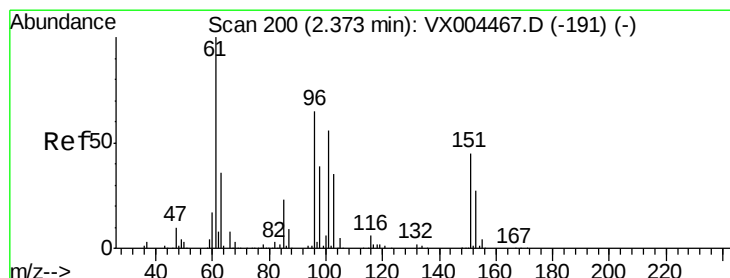
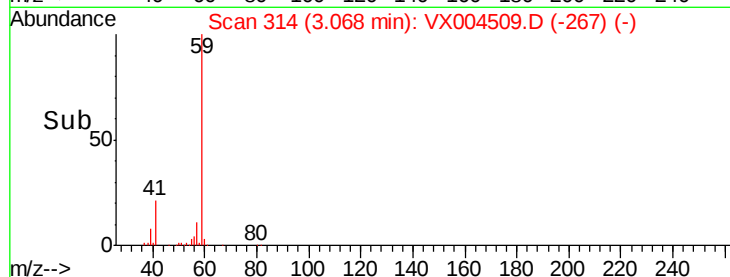
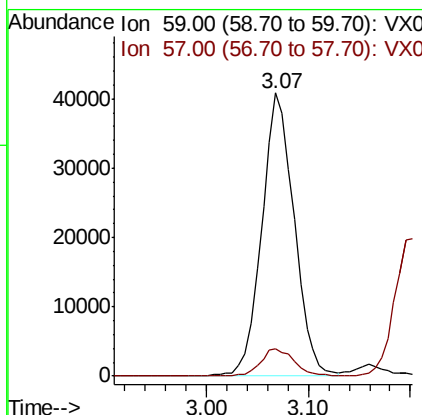
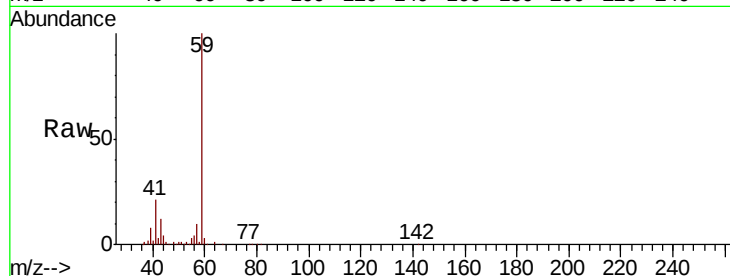




#11
Tert butyl alcohol
Concen: 97.11 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX004509.D
Acq: 13 Sep 2018 12:07

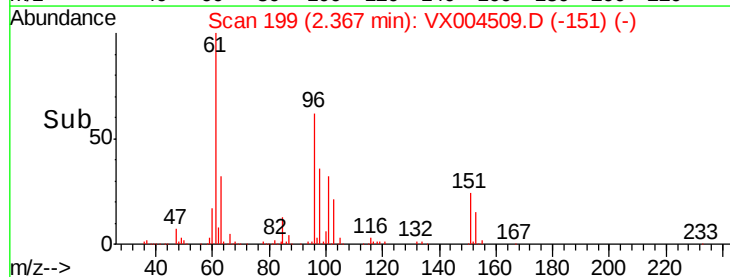
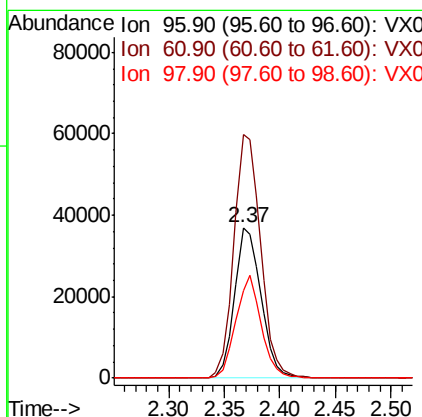
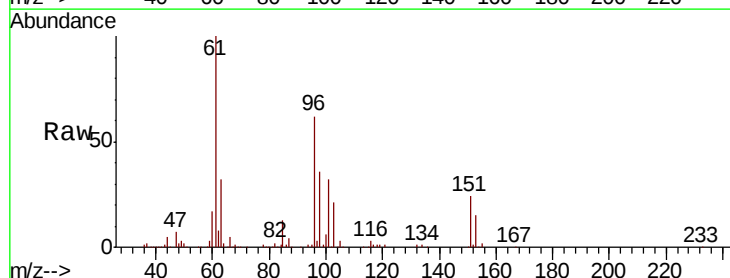
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBS01

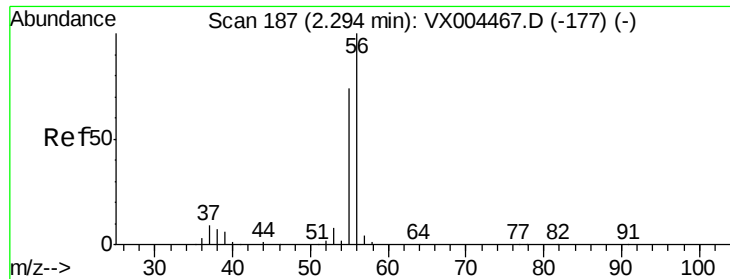
Tot Ion: 59 Resp: 90139
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4



#12
1,1-Dichloroethene
Concen: 19.29 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX004509.D
Acq: 13 Sep 2018 12:07

Tgt Ion: 96 Resp: 60820
Ion Ratio Lower Upper
96 100
61 161.6 128.8 193.2
98 58.4 52.2 78.2





#13

Acrolein

Concen: 85.98 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004509.D

Acq: 13 Sep 2018 12:07

Instrument :

MSVOA_X

ClientSampleId :

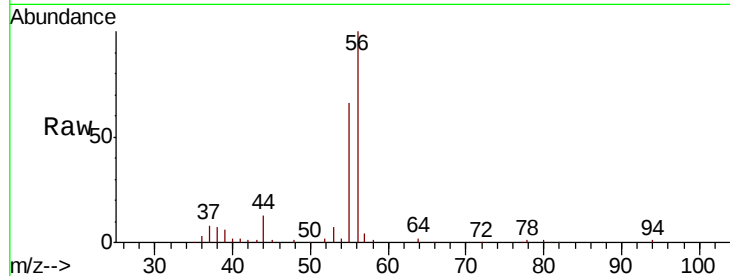
VX0913WBS01

Tot Ion: 56 Resp: 31507

Ion Ratio Lower Upper

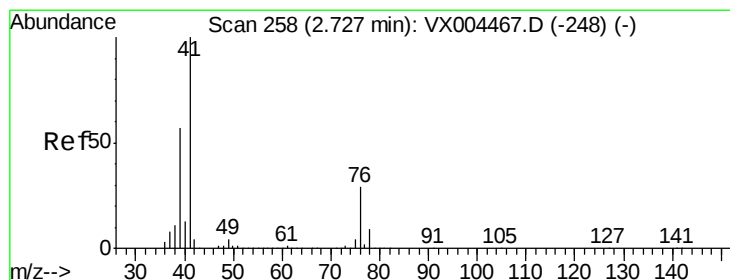
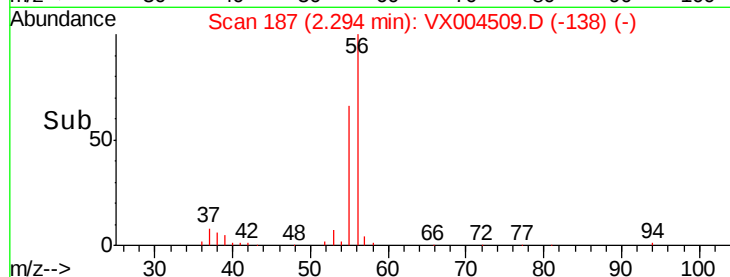
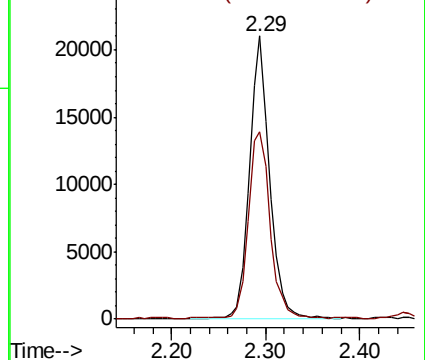
56 100

55 73.2 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.32 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX004509.D

Acq: 13 Sep 2018 12:07

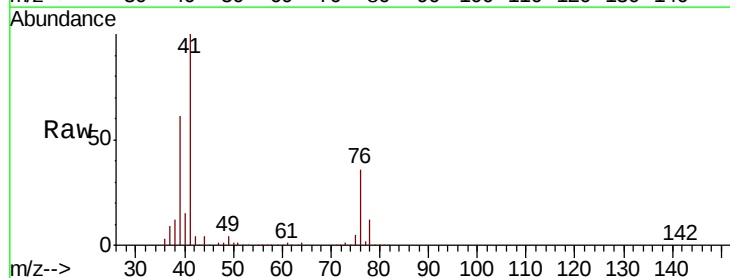
Tgt Ion: 41 Resp: 118751

Ion Ratio Lower Upper

41 100

39 58.0 48.9 73.3

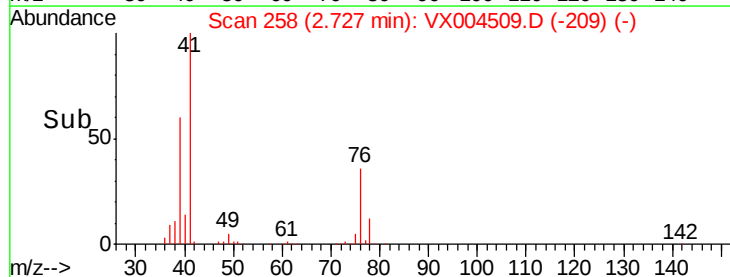
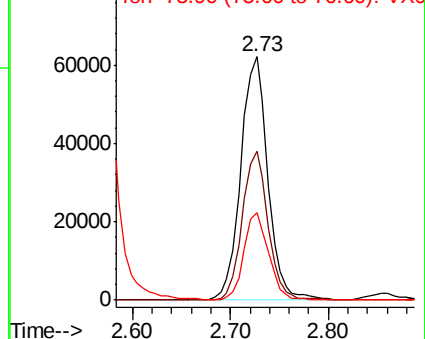
76 33.2 26.7 40.1

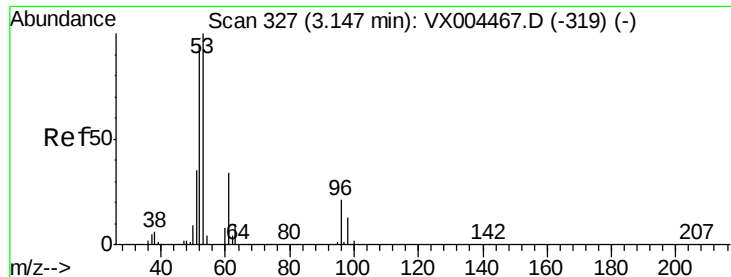


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 93.55 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX004509.D

Acq: 13 Sep 2018 12:07

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBS01

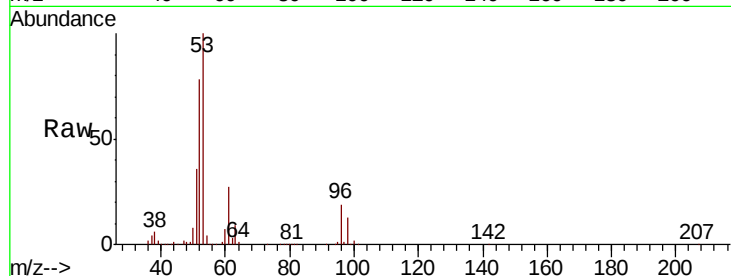
Tot Ion: 53 Resp: 209124

Ion Ratio Lower Upper

53 100

52 81.0 65.2 97.8

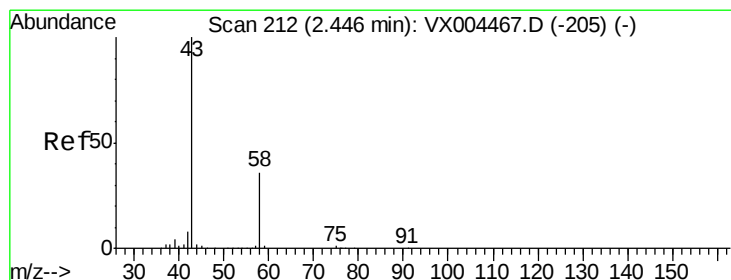
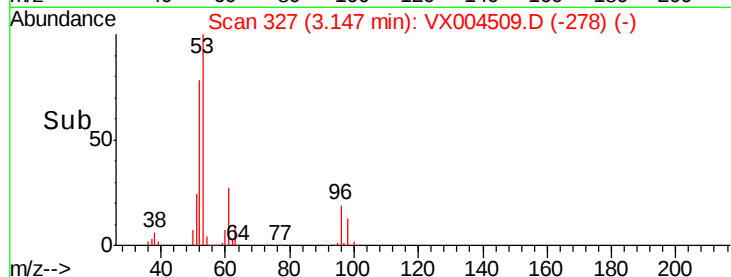
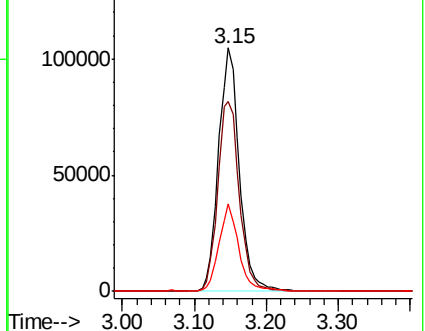
51 34.5 28.2 42.2



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: 85.95 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004509.D

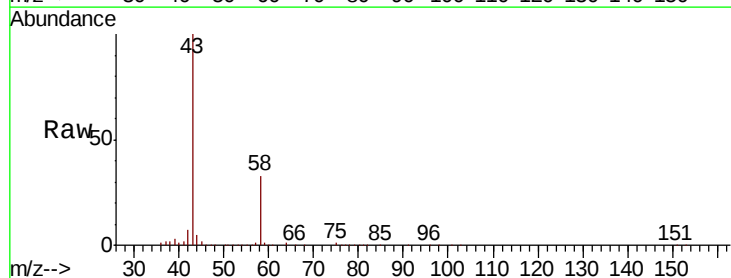
Acq: 13 Sep 2018 12:07

Tgt Ion: 43 Resp: 163199

Ion Ratio Lower Upper

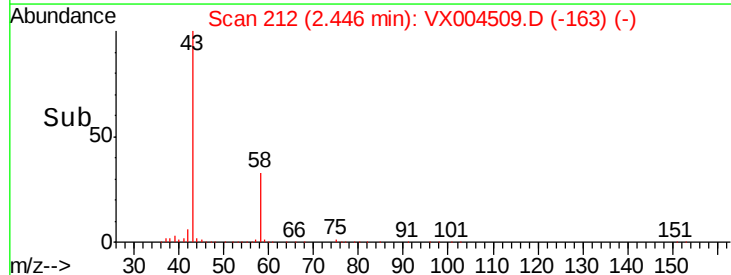
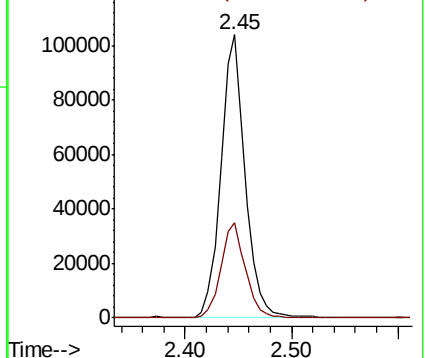
43 100

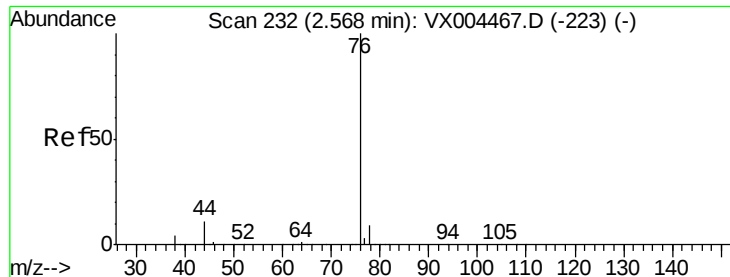
58 33.4 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

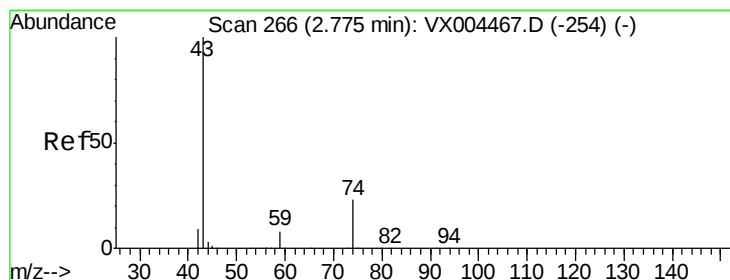
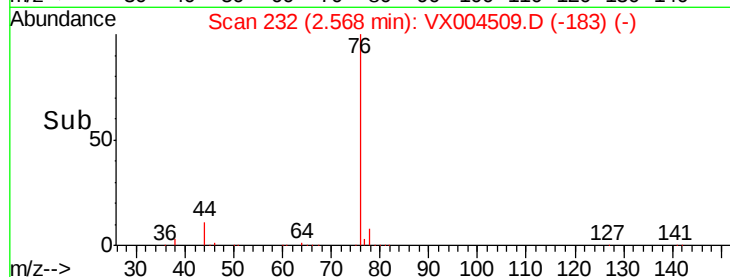
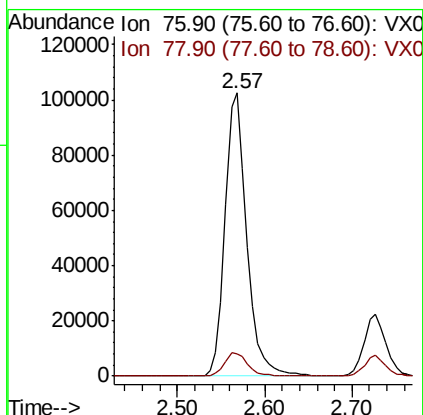
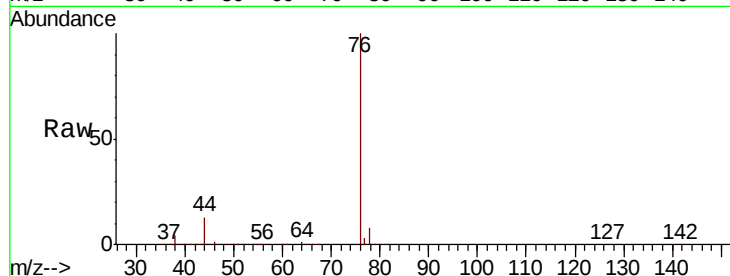




#17
Carbon Disulfide
Concen: 19.29 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX004509.D
Acq: 13 Sep 2018 12:07

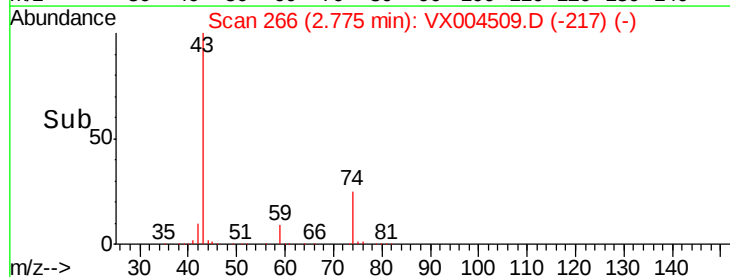
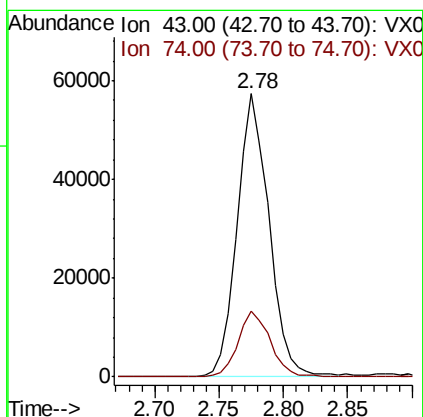
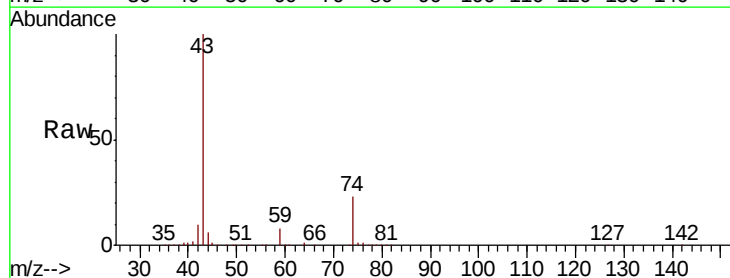
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBS01

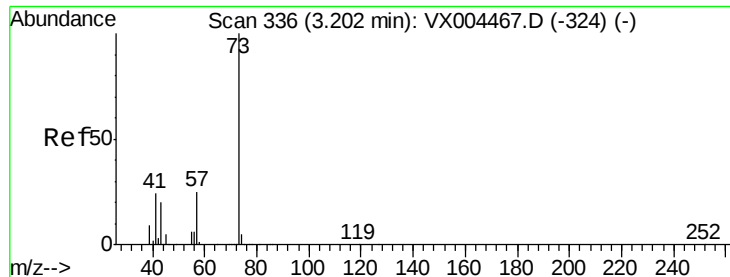
Tot Ion: 76 Resp: 175729
Ion Ratio Lower Upper
76 100
78 7.9 7.0 10.6



#18
Methyl Acetate
Concen: 18.32 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004509.D
Acq: 13 Sep 2018 12:07

Tgt Ion: 43 Resp: 97570
Ion Ratio Lower Upper
43 100
74 23.2 19.4 29.2



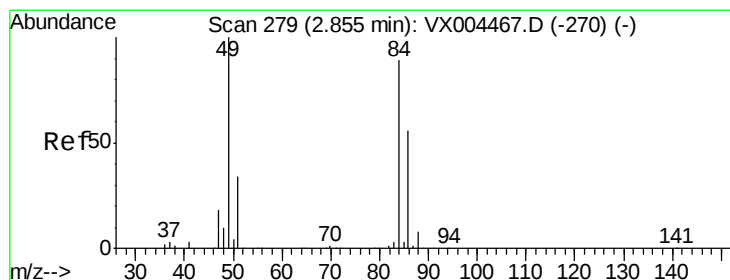
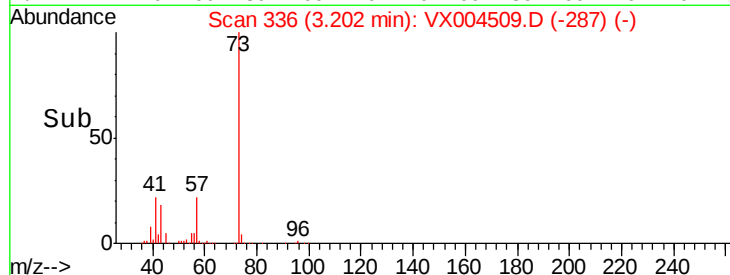
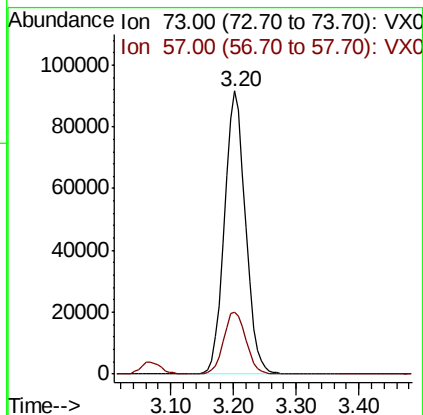
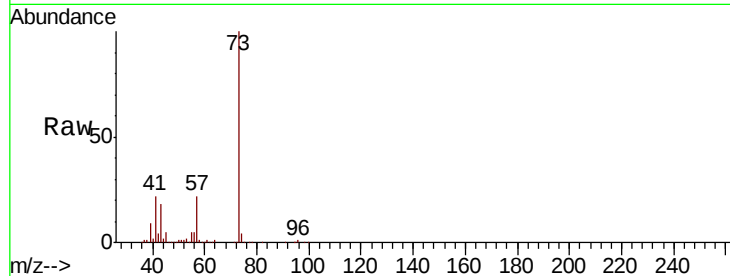


#19

Methyl tert-butyl Ether
 Concen: 19.24 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX004509.D
 Acq: 13 Sep 2018 12:07

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0913WBS01

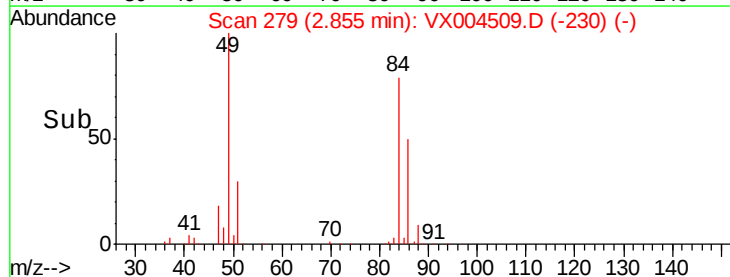
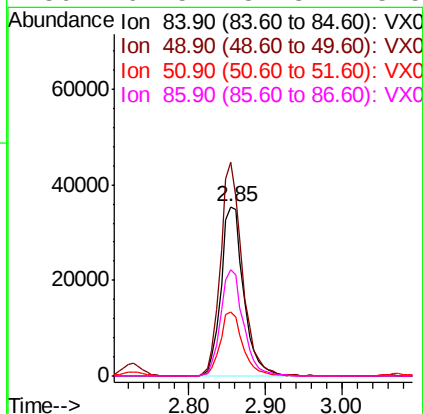
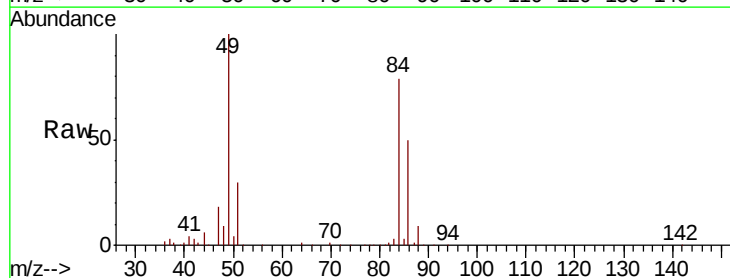
Tot Ion: 73 Resp: 212863
 Ion Ratio Lower Upper
 73 100
 57 21.7 17.1 25.7

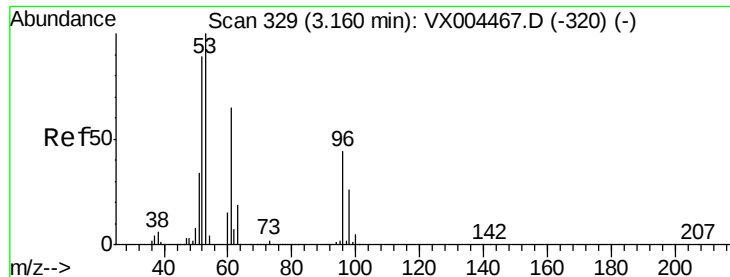


#20

Methylene Chloride
 Concen: 18.73 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX004509.D
 Acq: 13 Sep 2018 12:07

Tgt Ion: 84 Resp: 72961
 Ion Ratio Lower Upper
 84 100
 49 126.1 101.2 151.8
 51 38.1 29.5 44.3
 86 62.5 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 19.00 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004509.D

Acq: 13 Sep 2018 12:07

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBS01

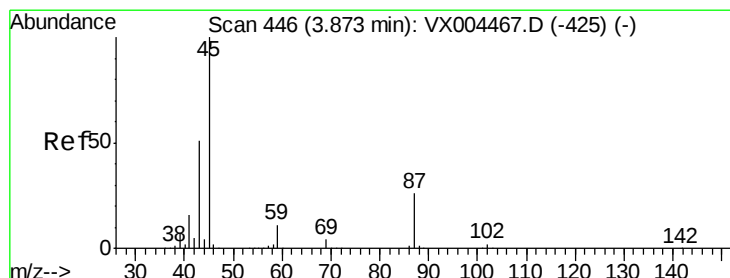
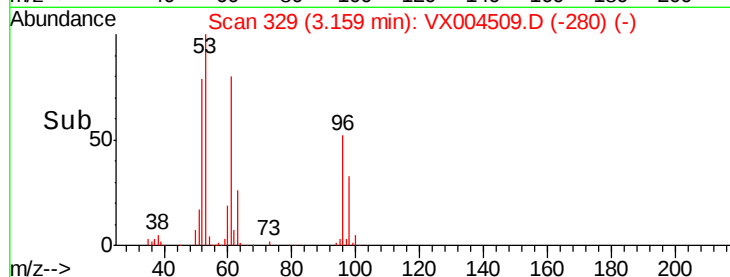
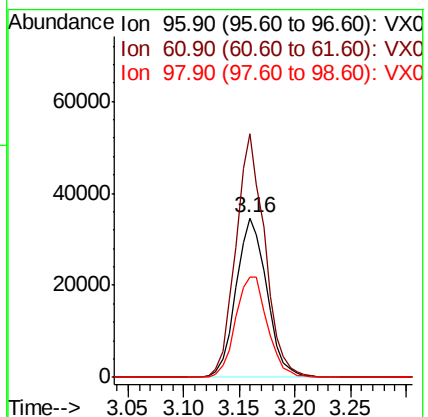
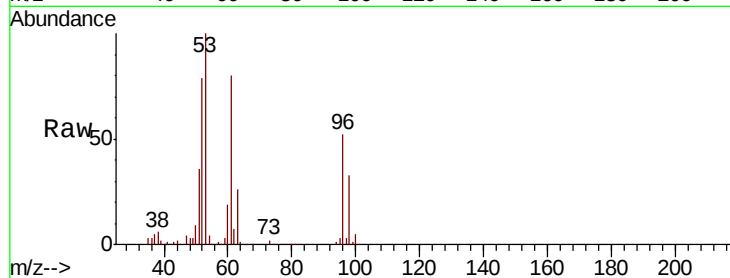
Tot Ion: 96 Resp: 66176

Ion Ratio Lower Upper

96 100

61 153.0 113.8 170.6

98 63.1 51.8 77.8



#22

Diisopropyl ether

Concen: 19.00 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX004509.D

Acq: 13 Sep 2018 12:07

Tgt Ion: 45 Resp: 221799

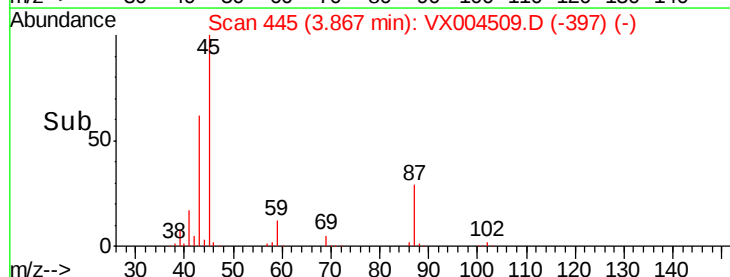
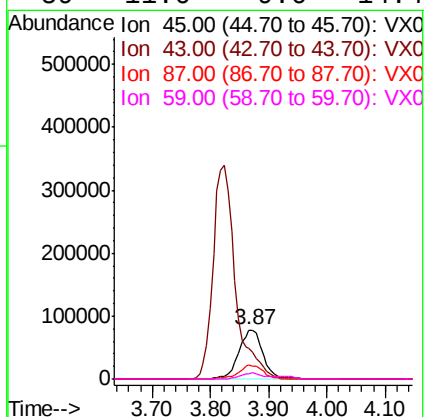
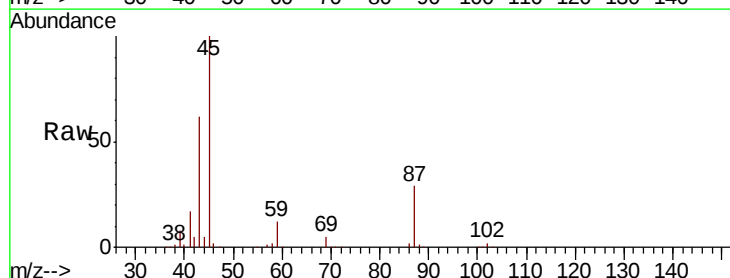
Ion Ratio Lower Upper

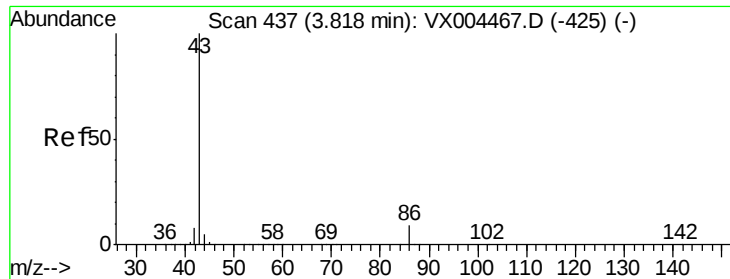
45 100

43 61.3 42.8 64.2

87 29.4 22.6 34.0

59 11.6 9.6 14.4





#23

Vinyl Acetate

Concen: 96.11 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX004509.D

Acq: 13 Sep 2018 12:07

Instrument :

MSVOA_X

ClientSampleId :

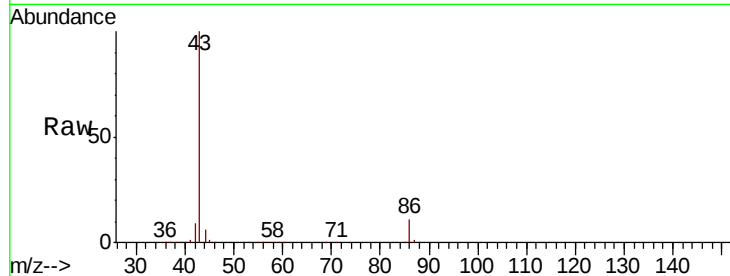
VX0913WBS01

Tot Ion: 43 Resp: 907858

Ion Ratio Lower Upper

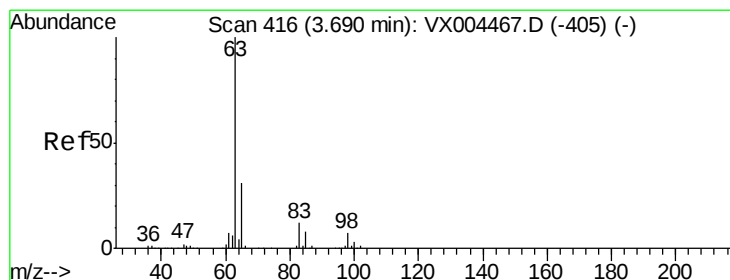
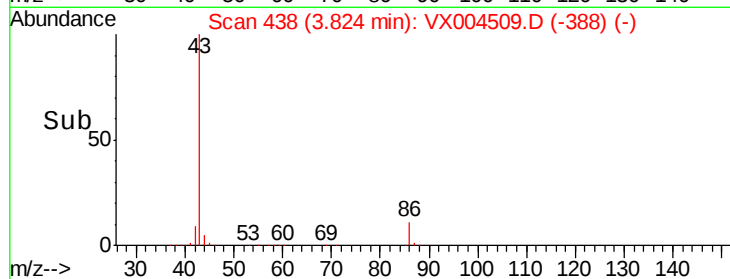
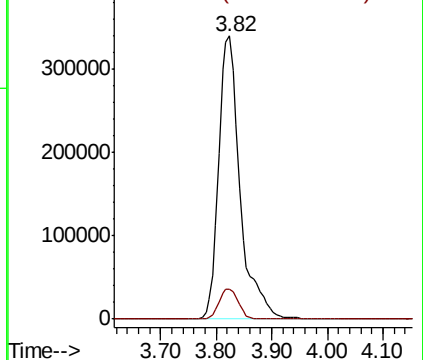
43 100

86 10.5 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: 19.53 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX004509.D

Acq: 13 Sep 2018 12:07

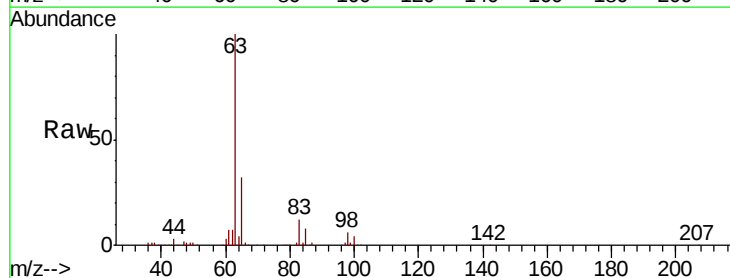
Tgt Ion: 63 Resp: 128708

Ion Ratio Lower Upper

63 100

98 6.0 3.5 10.4

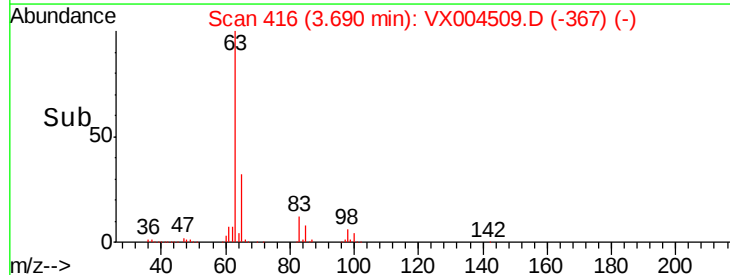
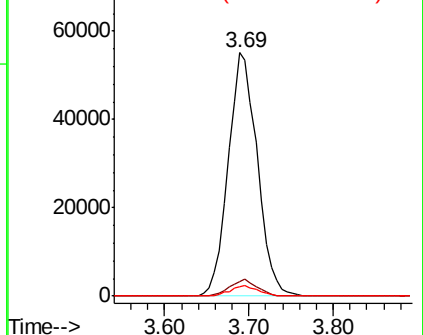
100 4.0 2.4 7.1

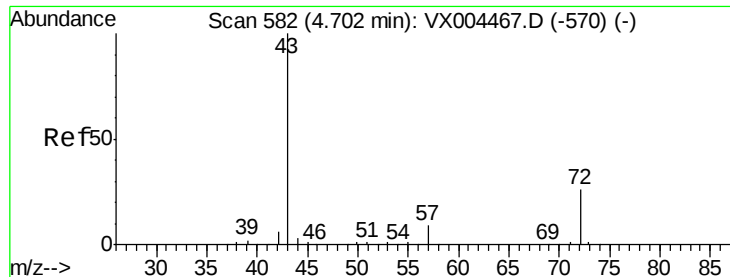


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 86.16 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX004509.D

Acq: 13 Sep 2018 12:07

Instrument :

MSVOA_X

ClientSampled :

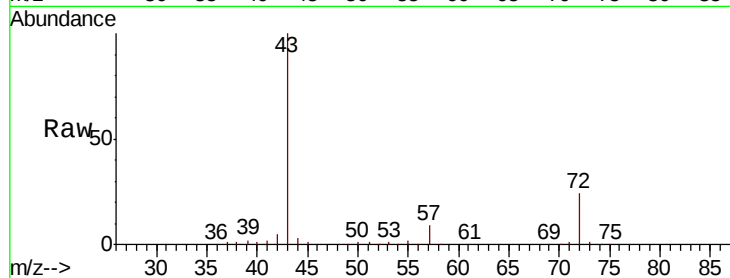
VX0913WBS01

Tot Ion: 43 Resp: 260366

Ion Ratio Lower Upper

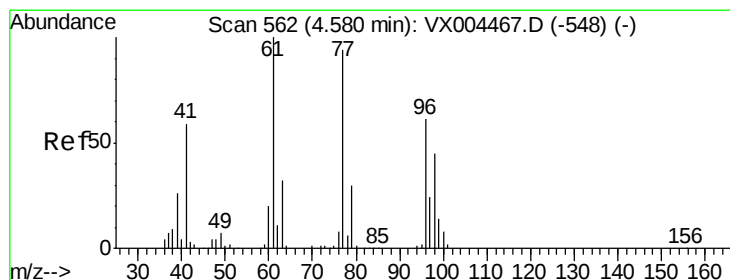
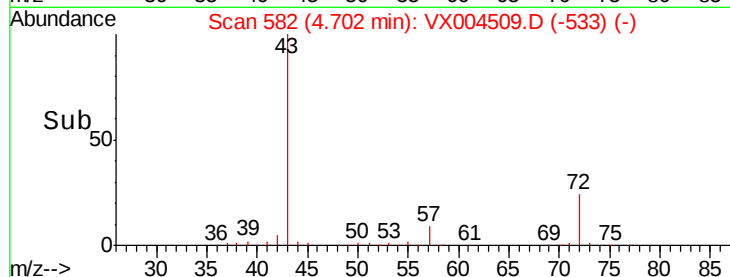
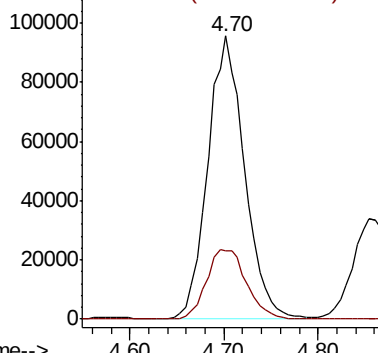
43 100

72 24.2 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 21.51 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX004509.D

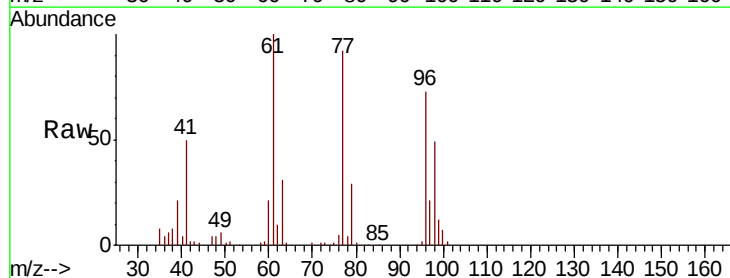
Acq: 13 Sep 2018 12:07

Tgt Ion: 77 Resp: 97362

Ion Ratio Lower Upper

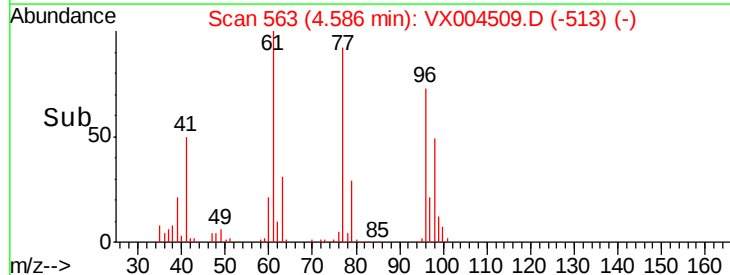
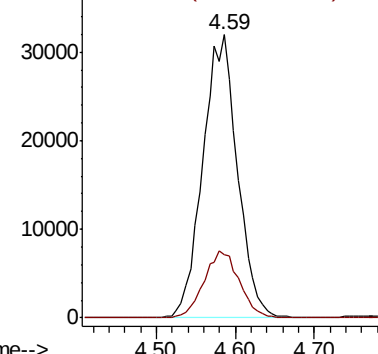
77 100

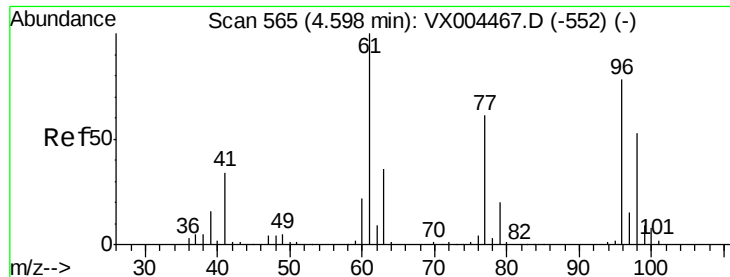
97 23.9 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



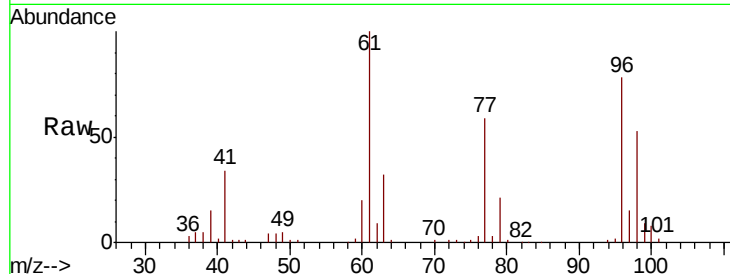


#27

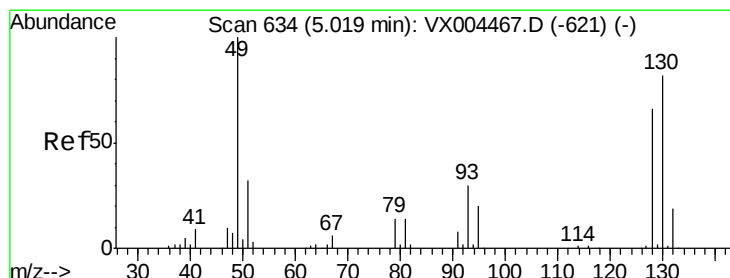
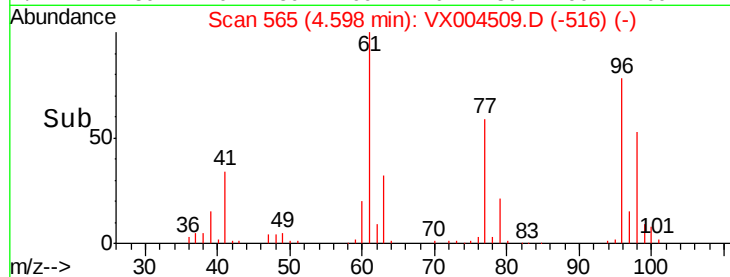
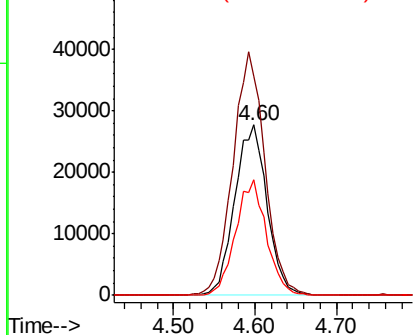
cis-1,2-Dichloroethene
 Concen: 19.46 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX004509.D
 Acq: 13 Sep 2018 12:07

Instrument :
 MSVOA_X
 ClientSampled :
 VX0913WBS01

Tot Ion: 96 Resp: 75664
 Ion Ratio Lower Upper
 96 100
 61 141.7 0.0 282.6
 98 64.5 0.0 130.2



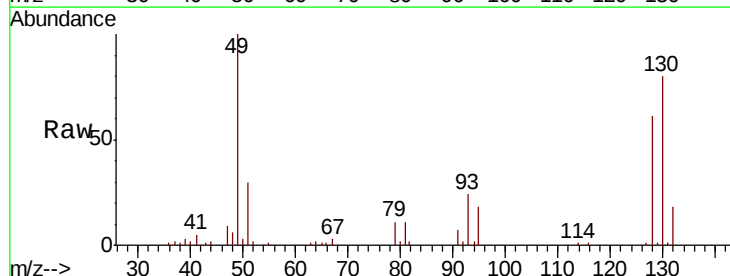
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



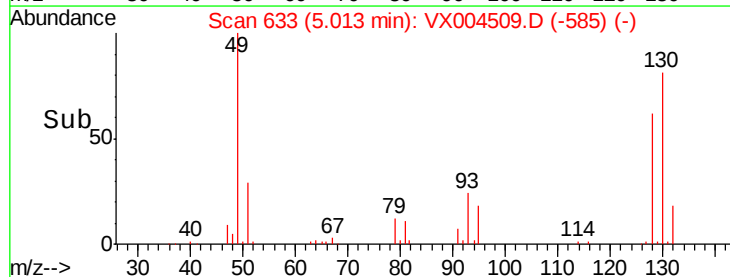
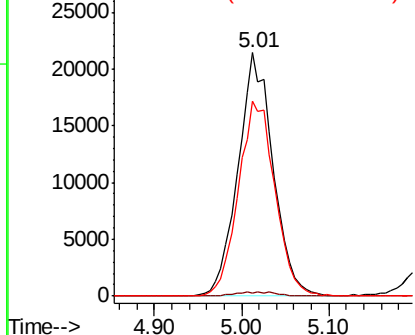
#28

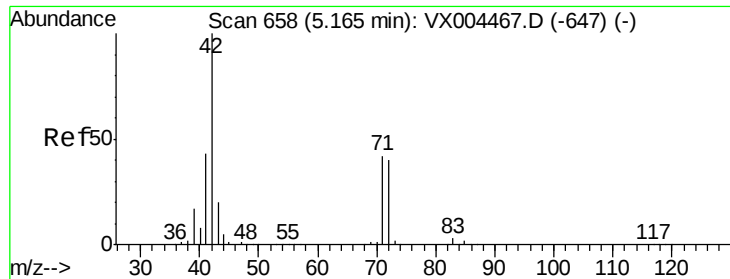
Bromochloromethane
 Concen: 19.77 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX004509.D
 Acq: 13 Sep 2018 12:07

Tgt Ion: 49 Resp: 59594
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 83.8 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: 92.13 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX004509.D

Acq: 13 Sep 2018 12:07

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBS01

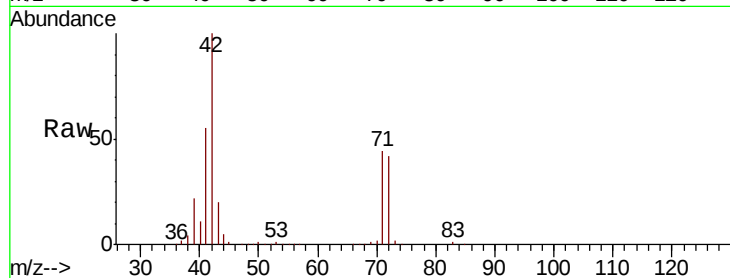
Tot Ion: 42 Resp: 167901

Ion Ratio Lower Upper

42 100

72 45.6 37.4 56.0

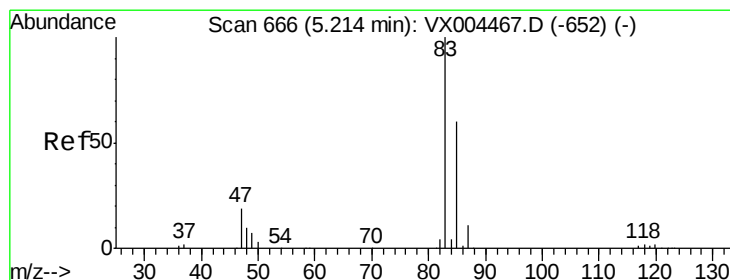
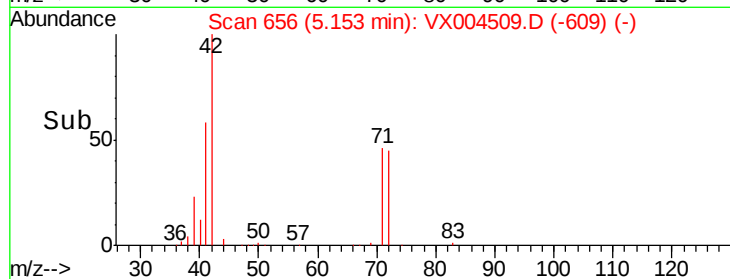
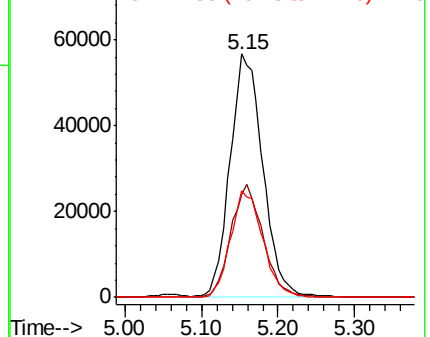
71 43.4 34.5 51.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.12 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX004509.D

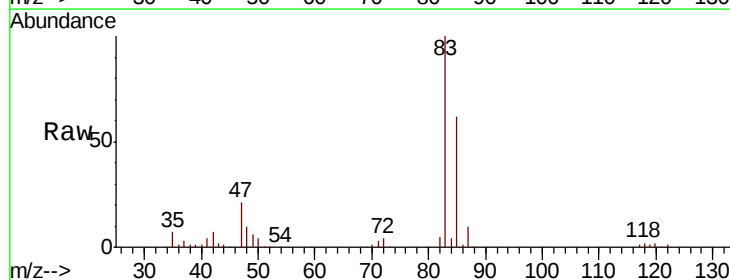
Acq: 13 Sep 2018 12:07

Tgt Ion: 83 Resp: 123020

Ion Ratio Lower Upper

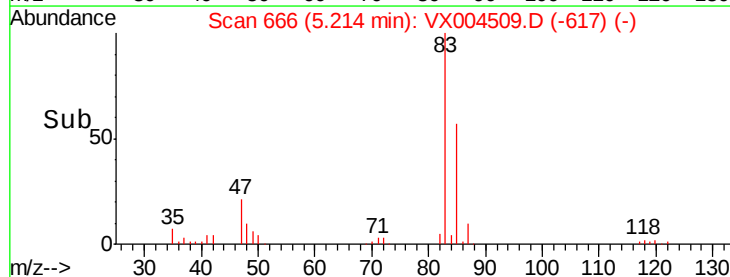
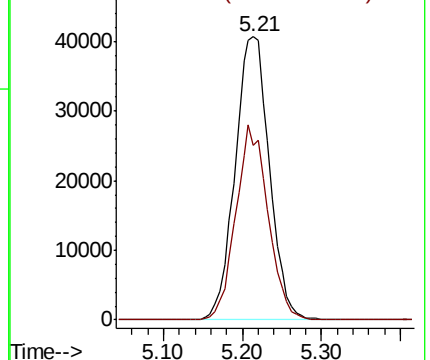
83 100

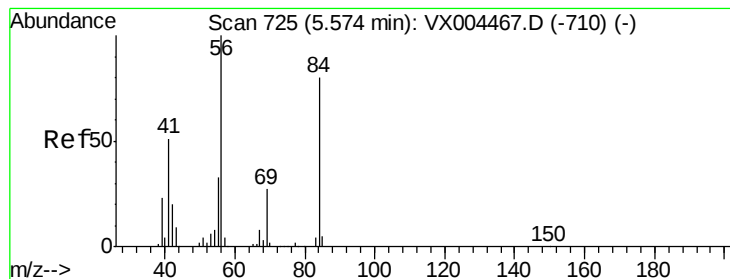
85 61.8 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 20.15 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX004509.D

Acq: 13 Sep 2018 12:07

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBS01

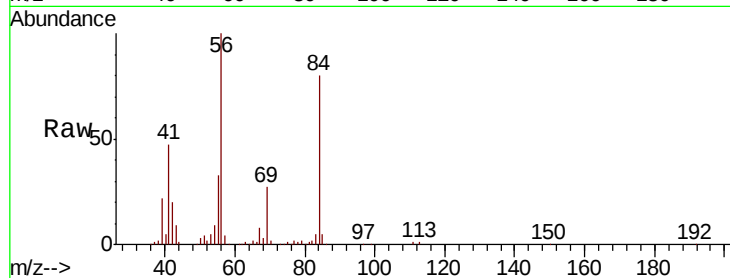
Tot Ion: 56 Resp: 113417

Ion Ratio Lower Upper

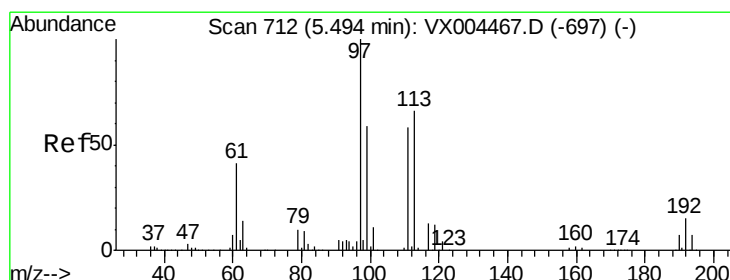
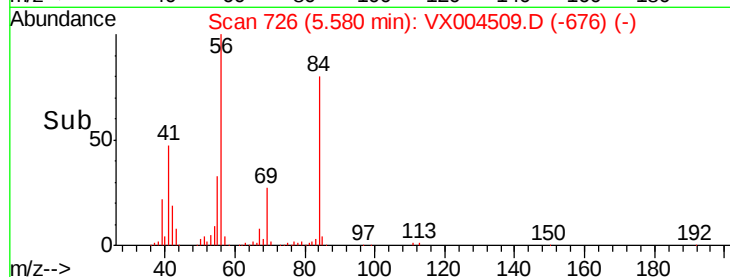
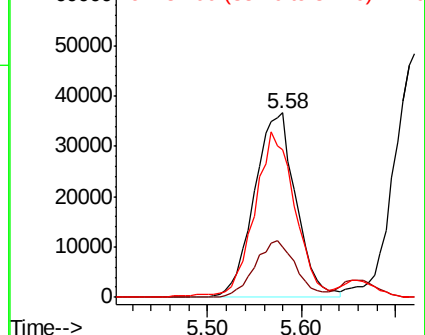
56 100

69 27.3 25.4 38.2

84 78.8 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: 19.82 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX004509.D

Acq: 13 Sep 2018 12:07

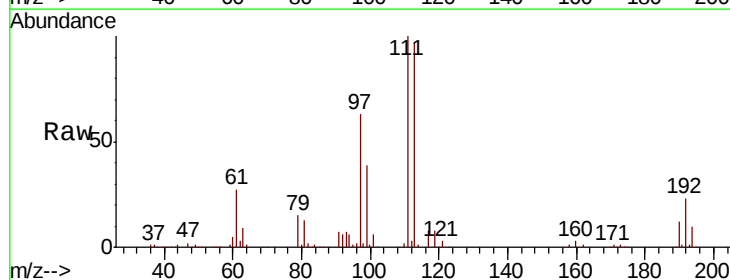
Tgt Ion: 97 Resp: 102694

Ion Ratio Lower Upper

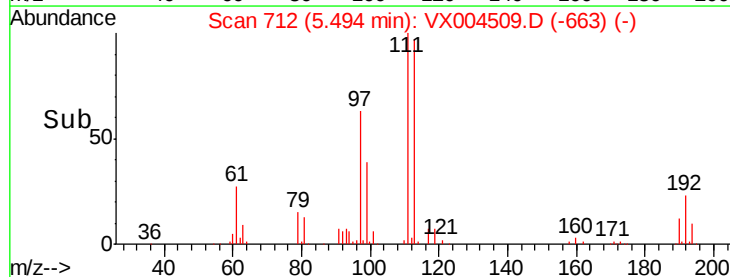
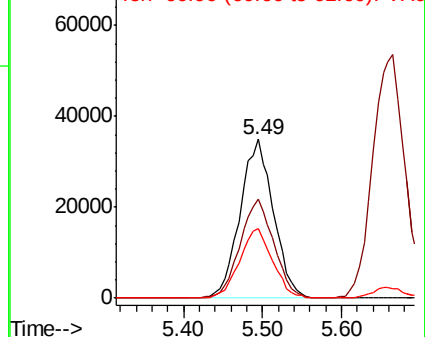
97 100

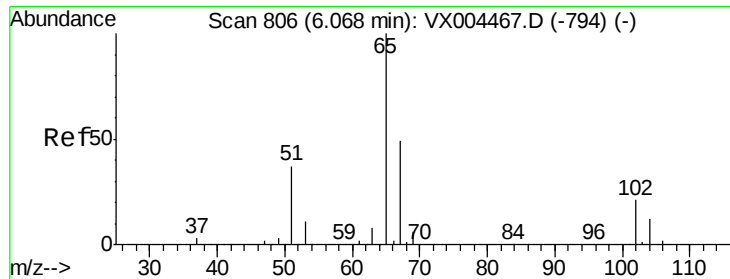
99 63.0 52.0 78.0

61 43.2 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

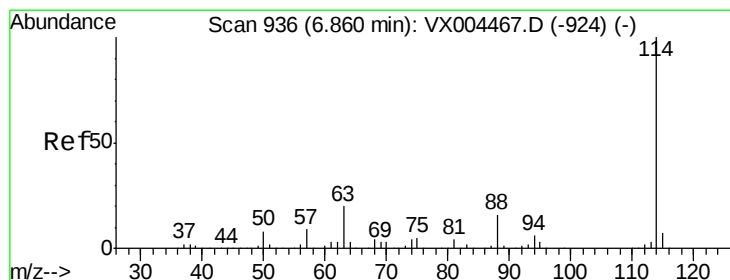
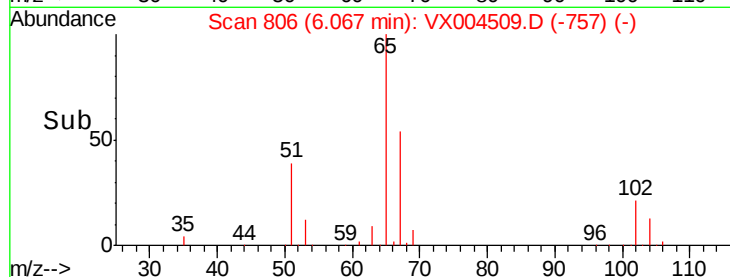
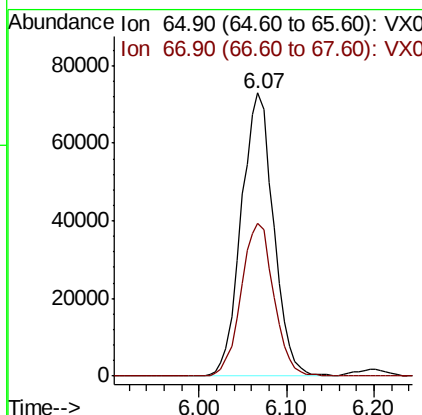
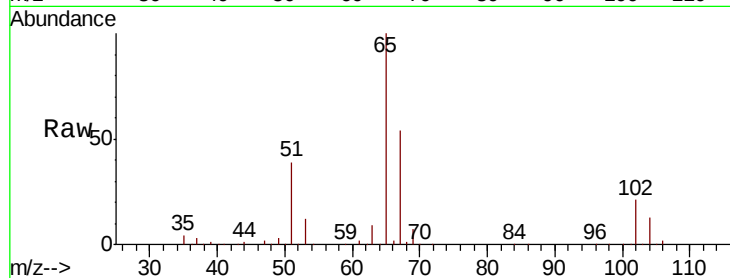




#33
 1,2-Dichloroethane-d4
 Concen: 48.08 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004509.D
 Acq: 13 Sep 2018 12:07

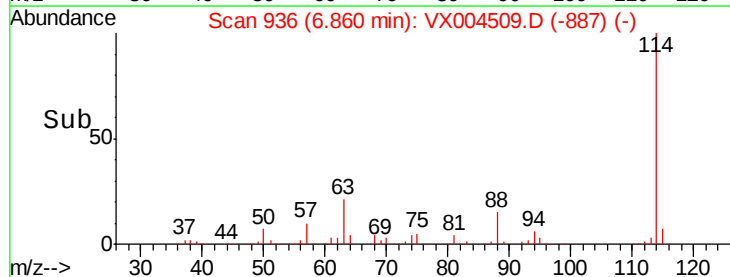
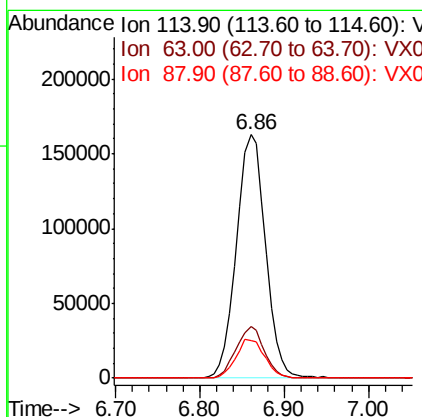
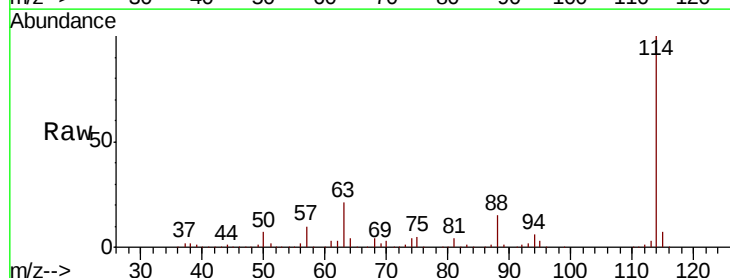
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBS01

Tot Ion: 65 Resp: 187055
 Ion Ratio Lower Upper
 65 100
 67 54.5 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: VX004509.D
 Acq: 13 Sep 2018 12:07

Tgt Ion: 114 Resp: 379315
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 39.0
 88 15.2 0.0 30.4

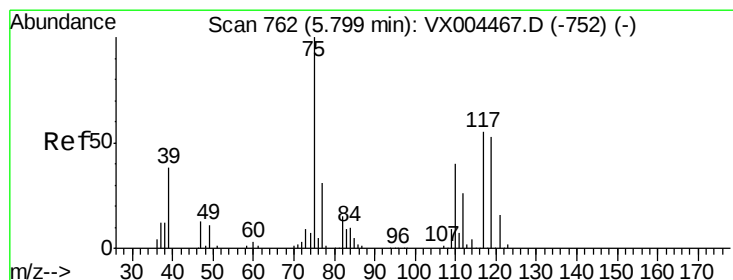
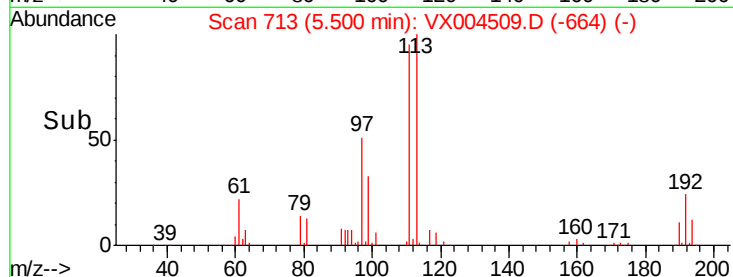
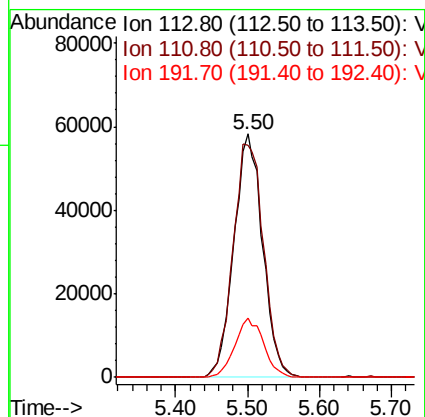
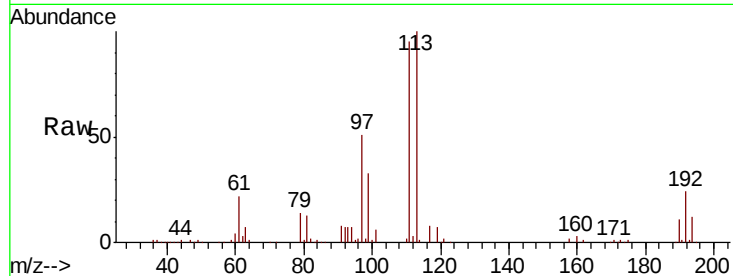




#35
 Dibromofluoromethane
 Concen: 46.46 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004509.D
 Acq: 13 Sep 2018 12:07

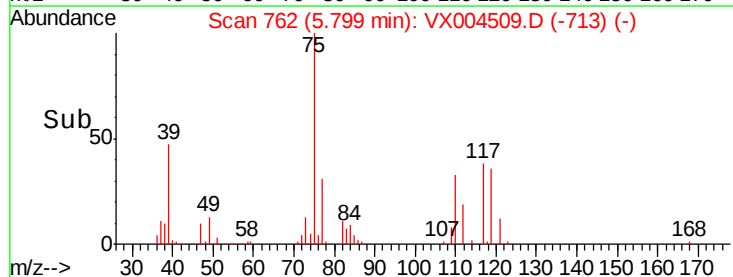
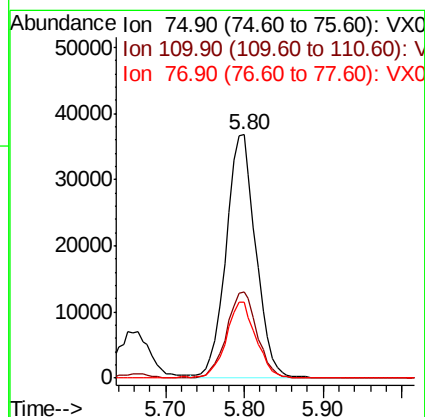
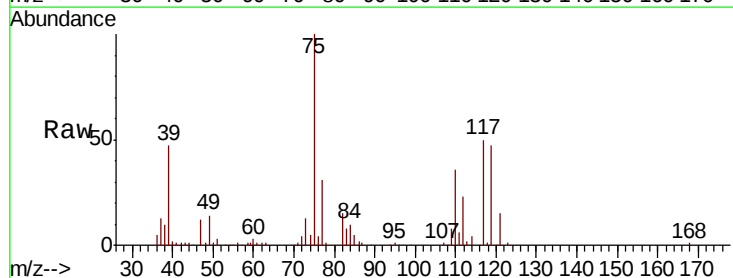
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBS01

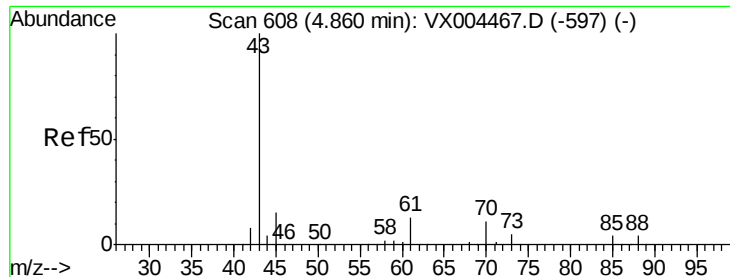
Tot Ion:113 Resp: 161267
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.4 123.6
 192 24.3 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 21.03 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX004509.D
 Acq: 13 Sep 2018 12:07

Tgt Ion: 75 Resp: 96866
 Ion Ratio Lower Upper
 75 100
 110 36.2 18.0 54.0
 77 31.7 24.6 36.8

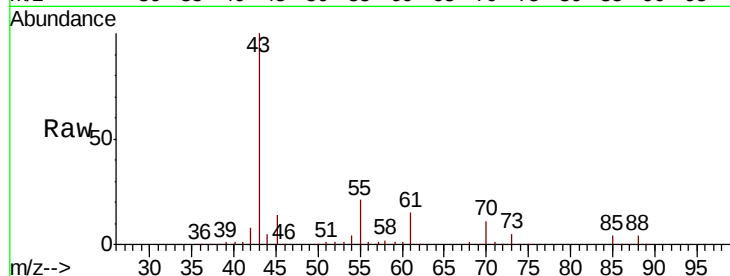




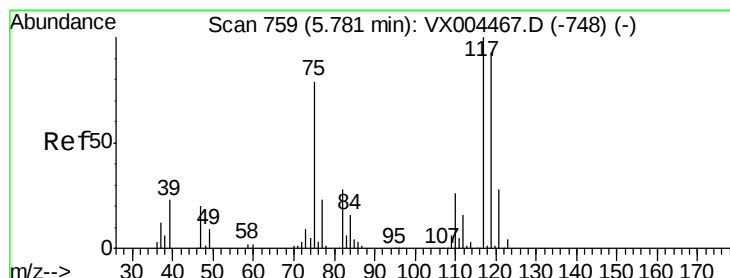
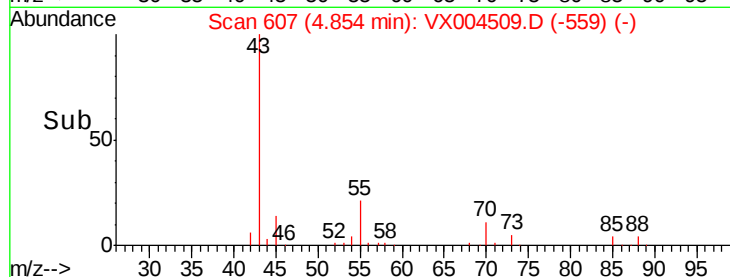
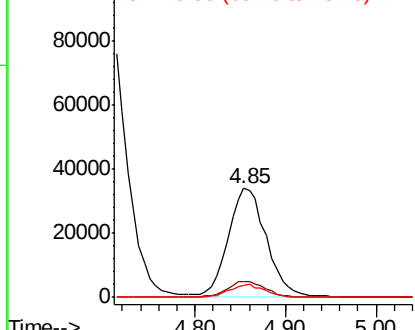
#37
Ethyl Acetate
Concen: 18.77 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX004509.D
Acq: 13 Sep 2018 12:07

Instrument :
MSVOA_X
ClientSampled :
VX0913WBS01

Tot Ion: 43 Resp: 98291
Ion Ratio Lower Upper
43 100
61 14.9 11.5 17.3
70 11.1 9.0 13.6

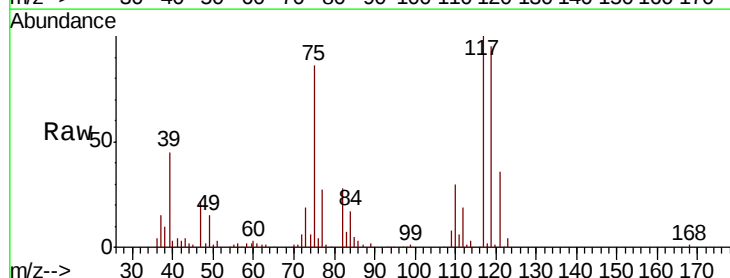


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

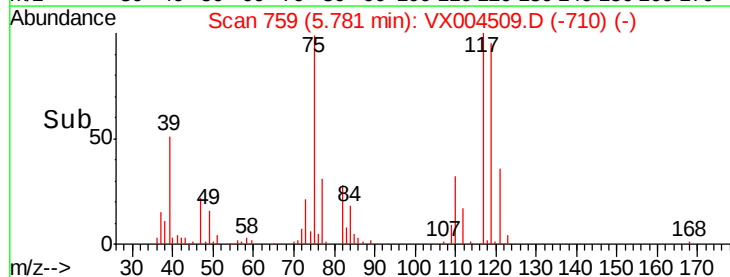
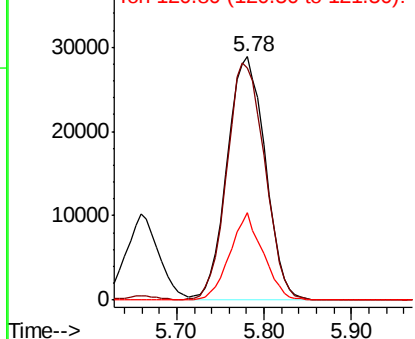


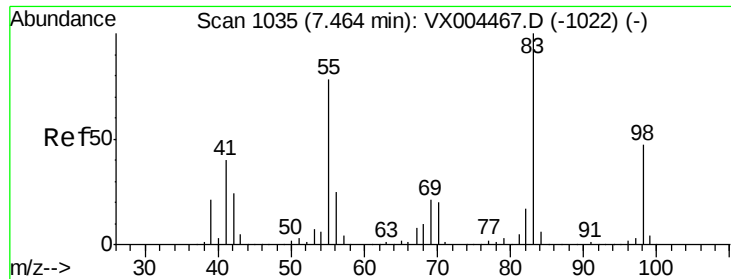
#38
Carbon Tetrachloride
Concen: 19.48 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004509.D
Acq: 13 Sep 2018 12:07

Tgt Ion: 117 Resp: 87597
Ion Ratio Lower Upper
117 100
119 95.3 78.8 118.2
121 35.9 24.9 37.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

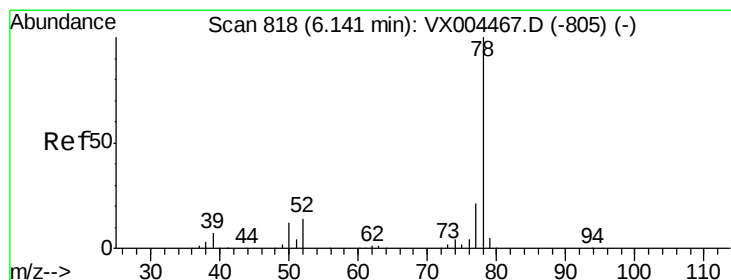
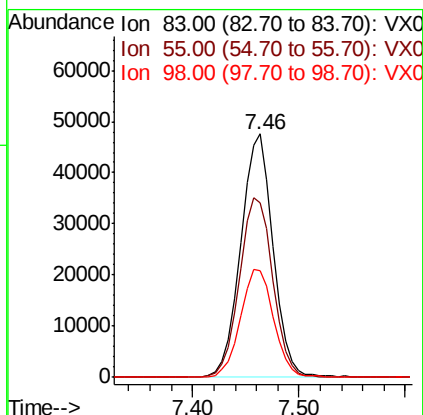
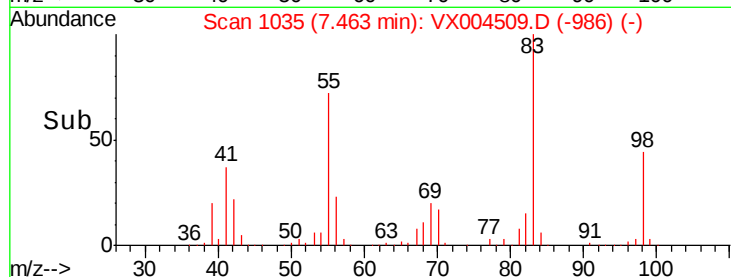
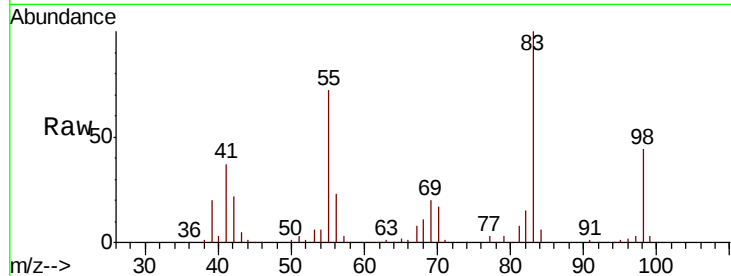




#39
Methvlcvclohexane
Concen: 21.11 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004509.D
Acq: 13 Sep 2018 12:07

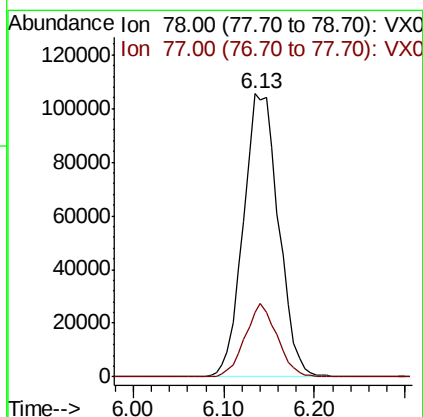
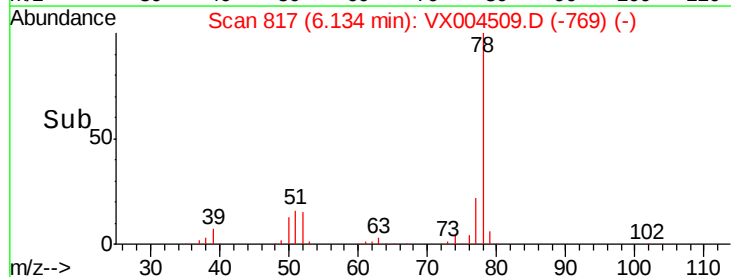
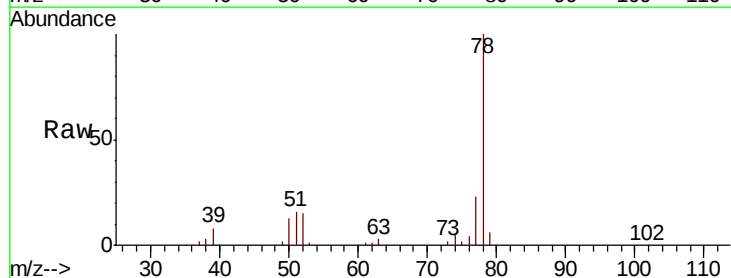
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBS01

Tot Ion: 83 Resp: 101436
Ion Ratio Lower Upper
83 100
55 71.5 61.0 91.4
98 43.6 39.6 59.4



#40
Benzene
Concen: 20.82 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX004509.D
Acq: 13 Sep 2018 12:07

Tgt Ion: 78 Resp: 284501
Ion Ratio Lower Upper
78 100
77 22.6 19.0 28.4

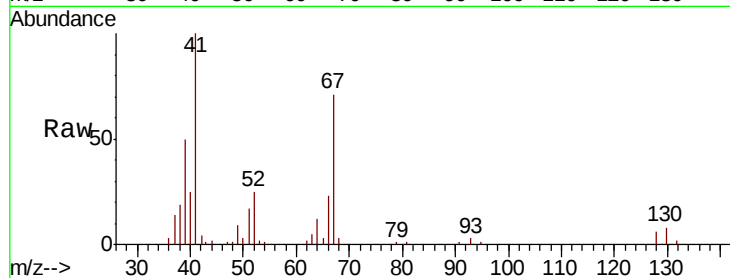




#41
Methacrylonitrile
Concen: 18.86 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX004509.D
Acq: 13 Sep 2018 12:07

Instrument :
MSVOA_X
ClientSampled :
VX0913WBS01

Tot Ion:	41	Resp:	54413
Ion	Ratio	Lower	Upper
41	100		
39	53.2	42.4	63.6
67	73.6	59.2	88.8
52	29.1	23.0	34.4



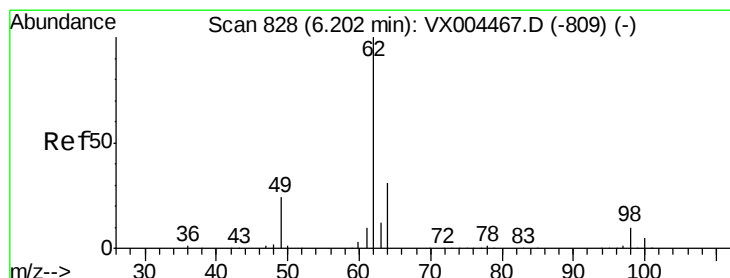
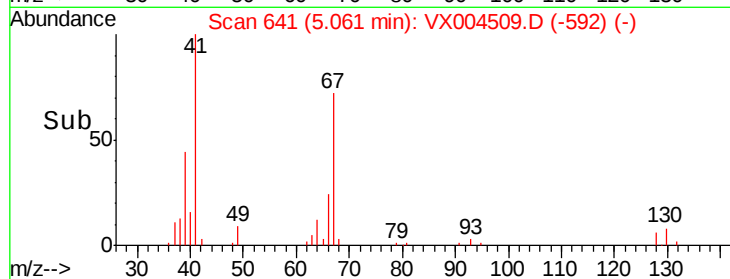
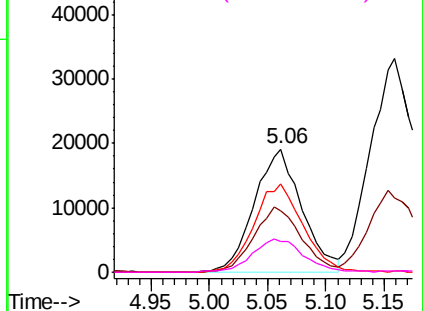
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

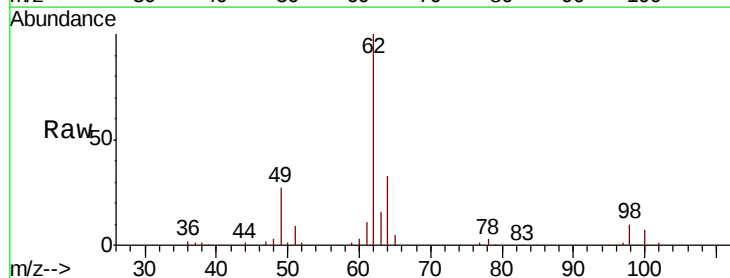
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 20.34 ug/l
RT: 6.20 min Scan# 828
Delta R.T. -0.00 min
Lab File: VX004509.D
Acq: 13 Sep 2018 12:07

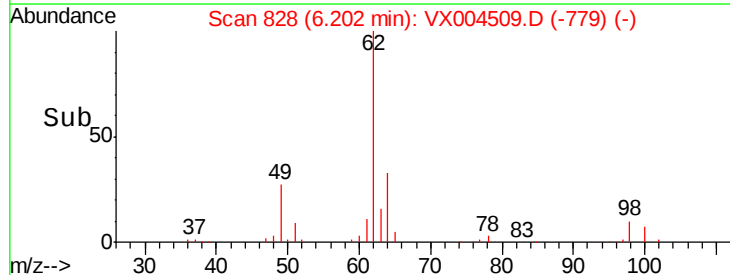
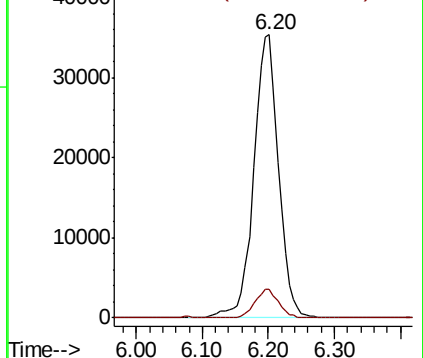
Tgt Ion:	62	Resp:	92159
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.6

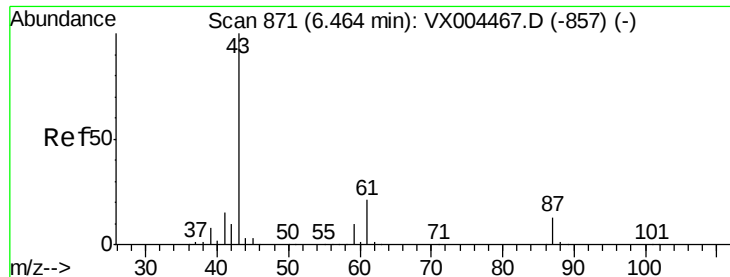


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



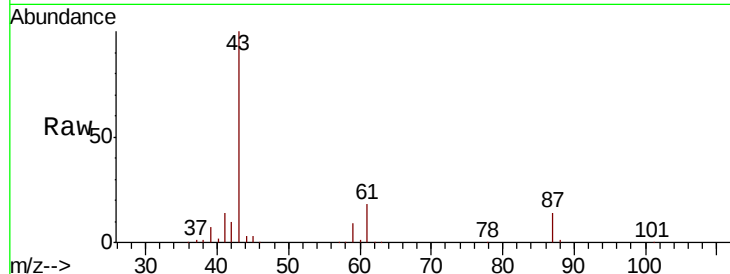


#43

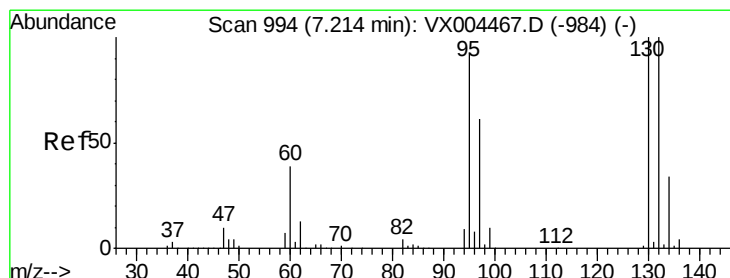
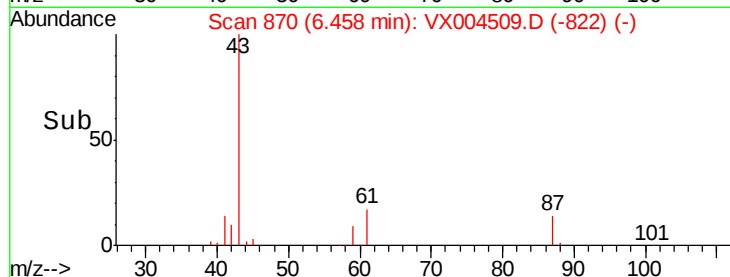
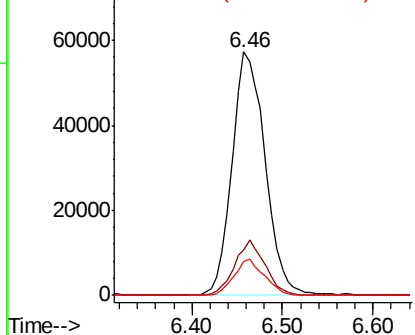
Isopropyl Acetate
 Concen: 20.85 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: VX004509.D
 Acq: 13 Sep 2018 12:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBS01

Tot Ion: 43 Resp: 145031
 Ion Ratio Lower Upper
 43 100
 61 21.0 17.0 25.4
 87 13.7 11.4 17.2



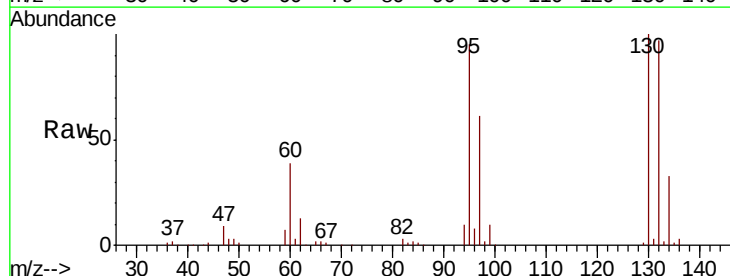
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



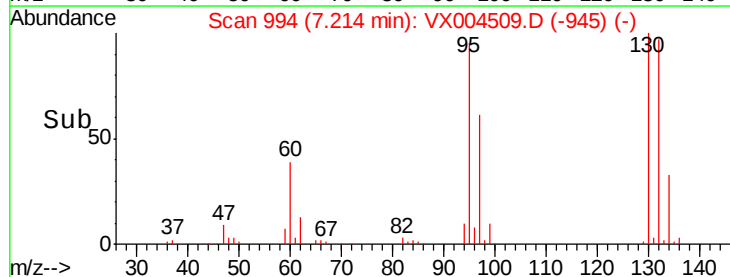
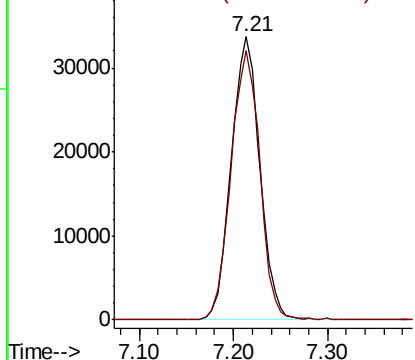
#44

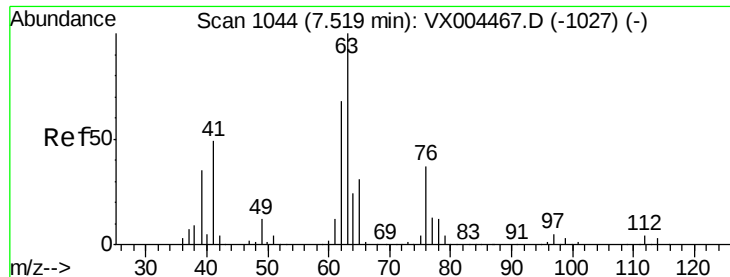
Trichloroethene
 Concen: 20.02 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX004509.D
 Acq: 13 Sep 2018 12:07

Tgt Ion:130 Resp: 71073
 Ion Ratio Lower Upper
 130 100
 95 95.0 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: 19.41 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX004509.D

Acq: 13 Sep 2018 12:07

Instrument :

MSVOA_X

ClientSampleId :

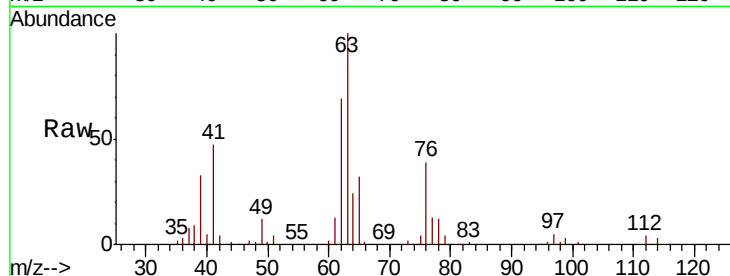
VX0913WBS01

Tot Ion: 63 Resp: 63829

Ion Ratio Lower Upper

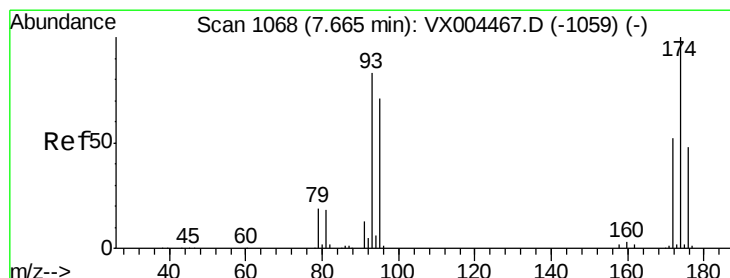
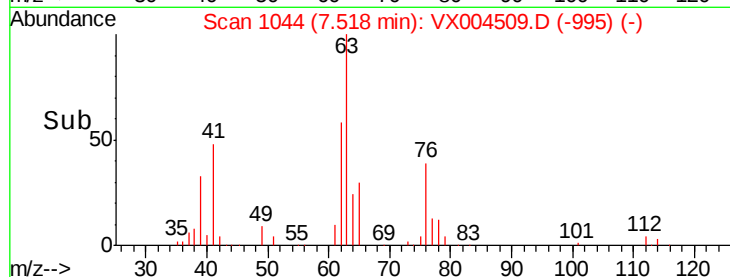
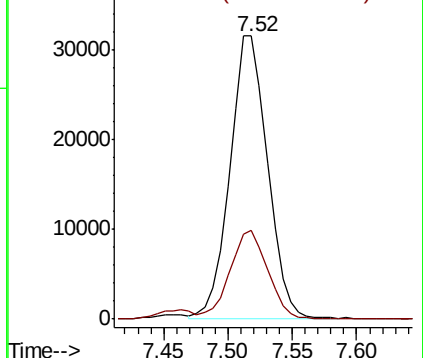
63 100

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: 19.40 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX004509.D

Acq: 13 Sep 2018 12:07

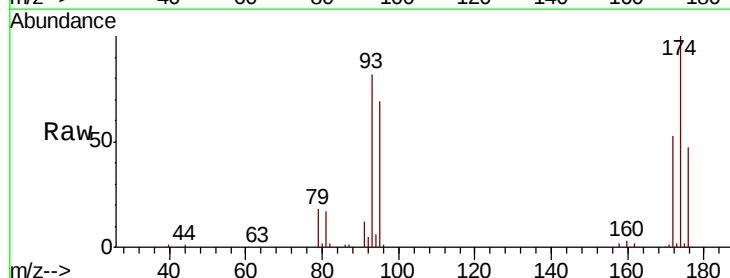
Tgt Ion: 93 Resp: 40304

Ion Ratio Lower Upper

93 100

95 83.5 65.5 98.3

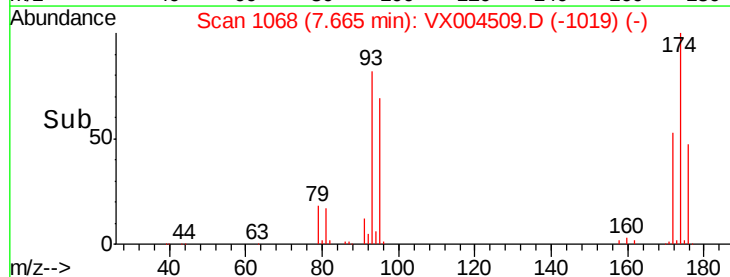
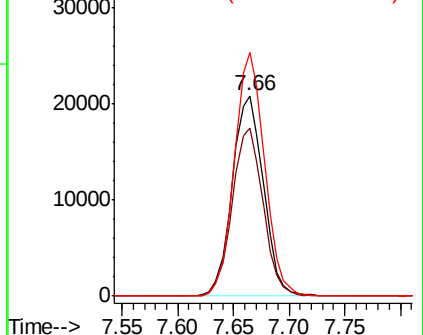
174 118.4 94.2 141.4

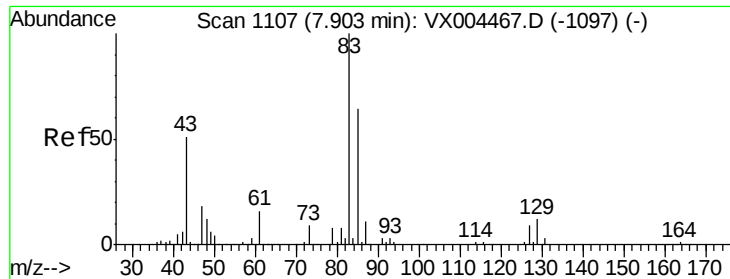


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.46 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX004509.D

Acq: 13 Sep 2018 12:07

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBS01

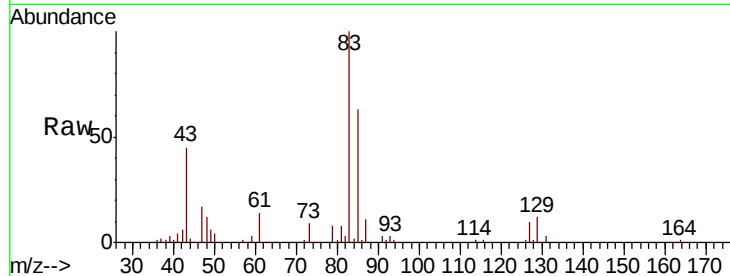
Tot Ion: 83 Resp: 76442

Ion Ratio Lower Upper

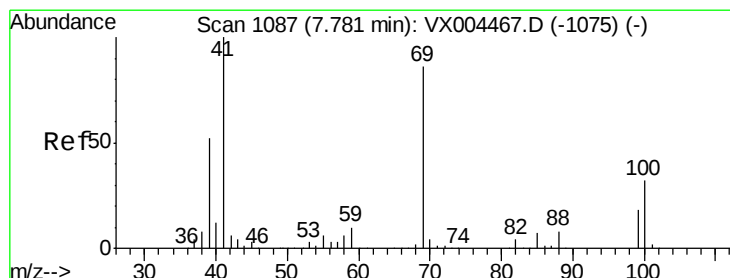
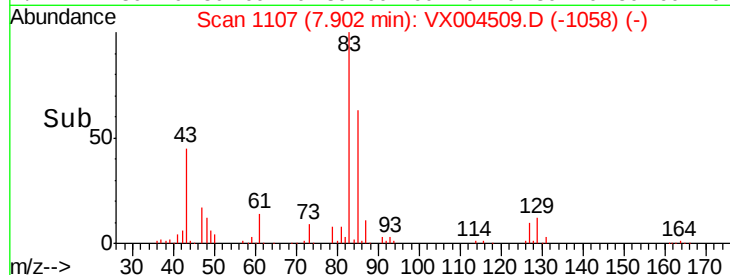
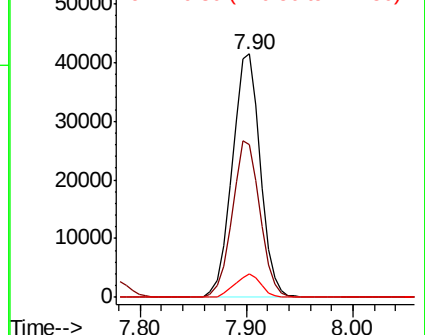
83 100

85 62.6 50.9 76.3

127 9.5 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: 19.54 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004509.D

Acq: 13 Sep 2018 12:07

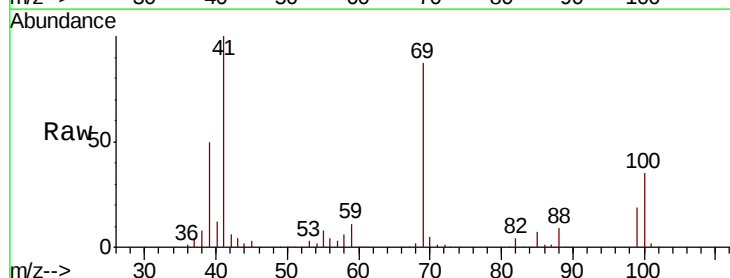
Tgt Ion: 41 Resp: 67255

Ion Ratio Lower Upper

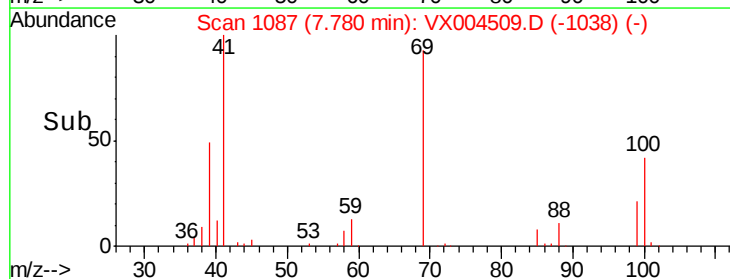
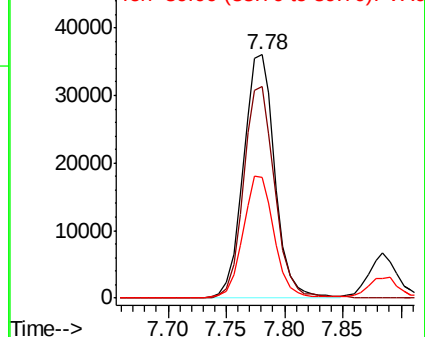
41 100

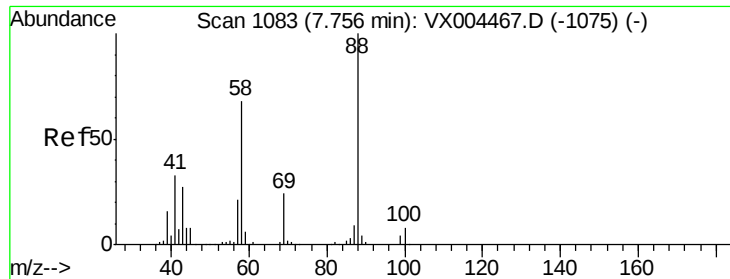
69 87.0 70.2 105.4

39 50.4 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

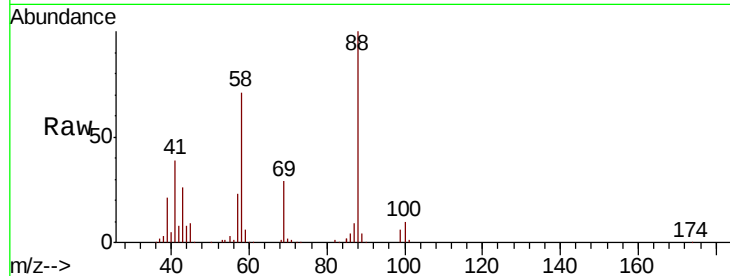




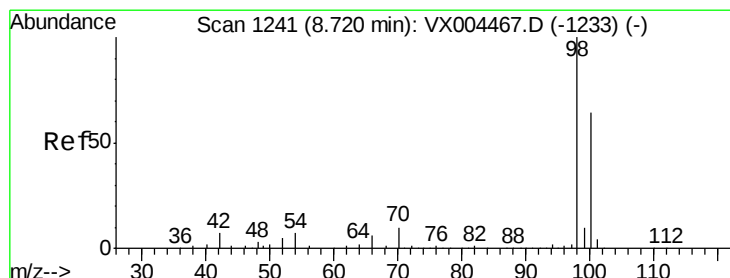
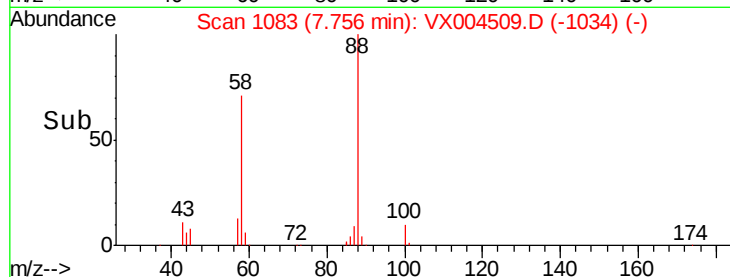
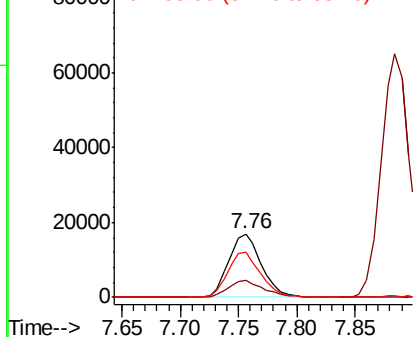
#49
 1,4-Dioxane
 Concen: 407.58 ug/l
 RT: 7.76 min Scan# 1083
 Delta R.T. -0.00 min
 Lab File: VX004509.D
 Acq: 13 Sep 2018 12:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBS01

Tot Ion: 88 Resp: 33211
 Ion Ratio Lower Upper
 88 100
 43 28.8 24.7 37.1
 58 72.3 55.3 82.9

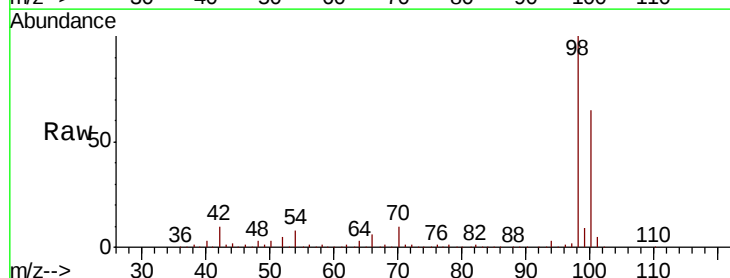


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

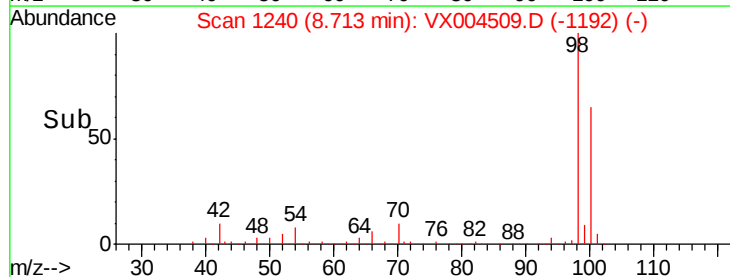
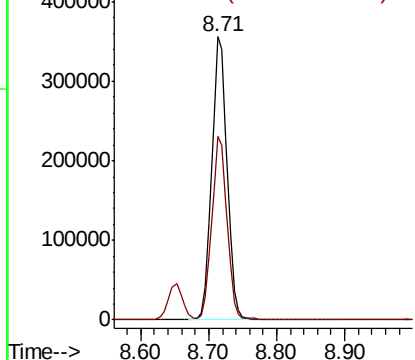


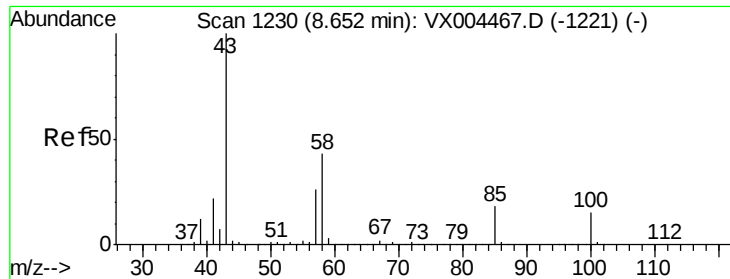
#50
 Toluene-d8
 Concen: 47.77 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: VX004509.D
 Acq: 13 Sep 2018 12:07

Tgt Ion: 98 Resp: 556009
 Ion Ratio Lower Upper
 98 100
 100 64.6 52.9 79.3



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





#51

4-Methyl-2-Pentanone

Concen: 89.38 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX004509.D

Acq: 13 Sep 2018 12:07

Instrument :

MSVOA_X

ClientSampleId :

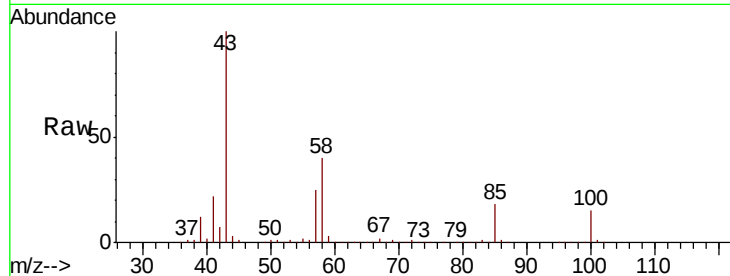
VX0913WBS01

Tot Ion: 43 Resp: 438786

Ion Ratio Lower Upper

43 100

58 40.5 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

300000

250000

200000

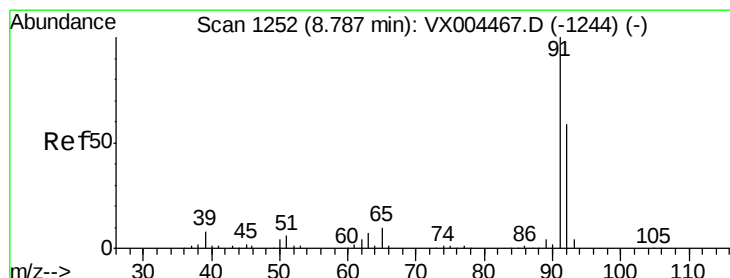
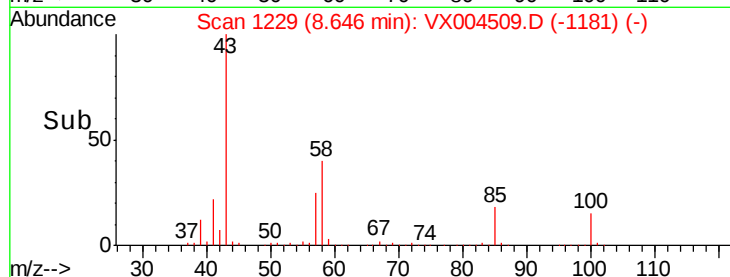
150000

100000

50000

0

Time--> 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 19.50 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004509.D

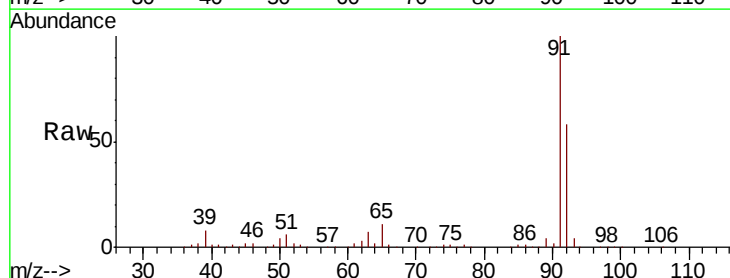
Acq: 13 Sep 2018 12:07

Tgt Ion: 92 Resp: 157000

Ion Ratio Lower Upper

92 100

91 173.6 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

200000

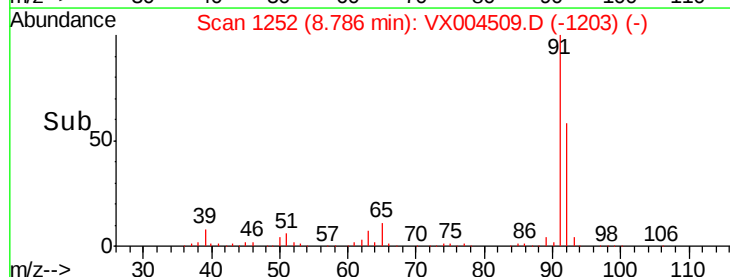
150000

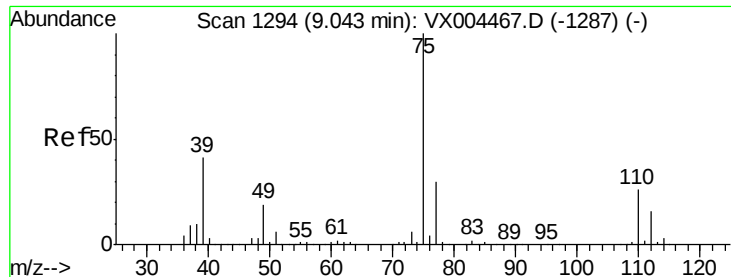
100000

50000

0

Time--> 8.70 8.75 8.80 8.85 8.90

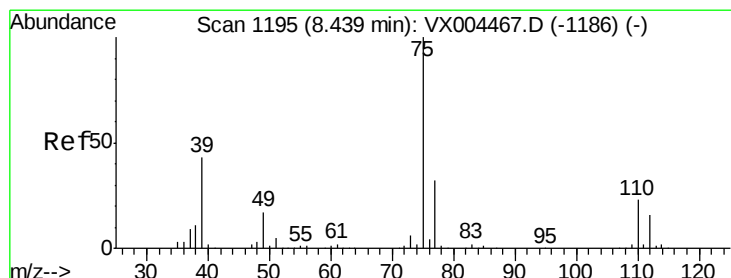
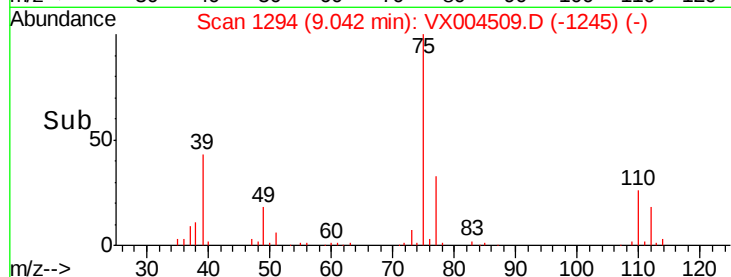
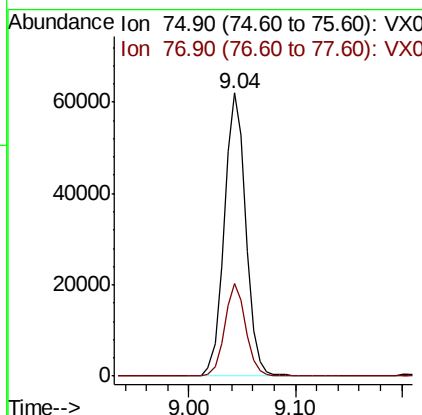
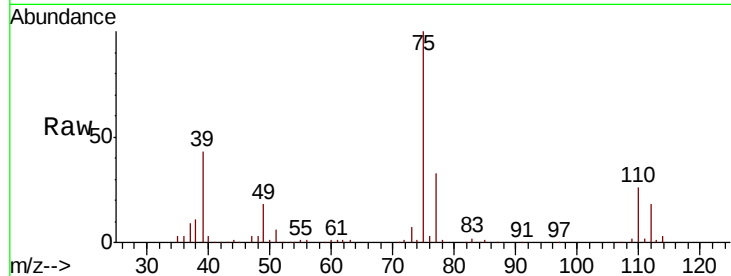




#53
 t-1,3-Dichloropropene
 Concen: 19.15 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX004509.D
 Acq: 13 Sep 2018 12:07

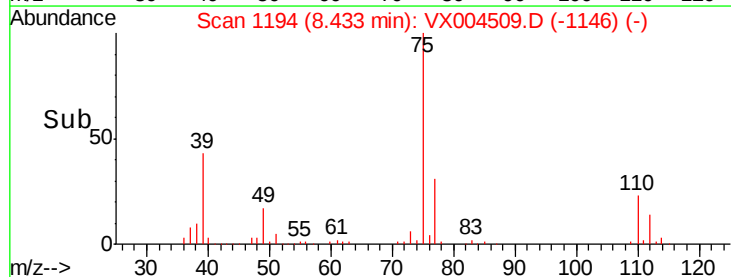
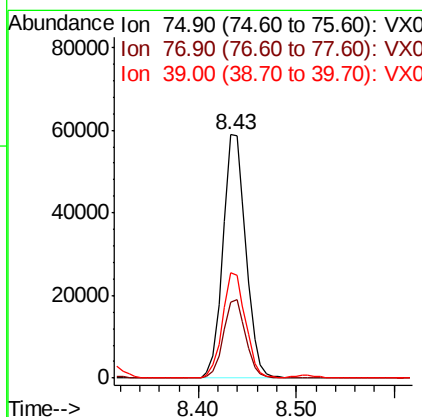
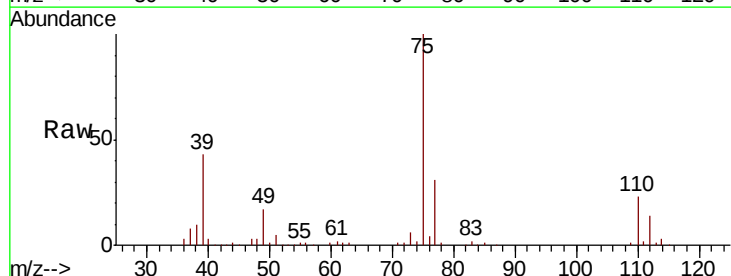
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBS01

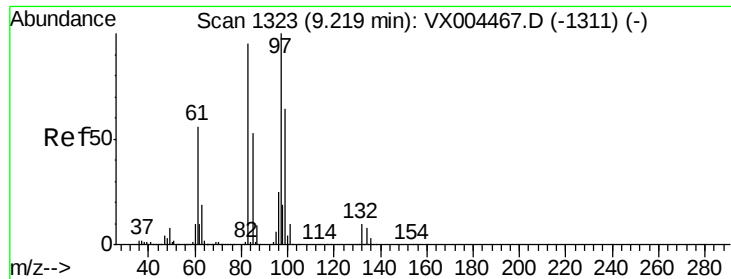
Tot Ion: 75 Resp: 87851
 Ion Ratio Lower Upper
 75 100
 77 32.8 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.42 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: VX004509.D
 Acq: 13 Sep 2018 12:07

Tgt Ion: 75 Resp: 95491
 Ion Ratio Lower Upper
 75 100
 77 31.2 26.2 39.2
 39 43.4 36.4 54.6

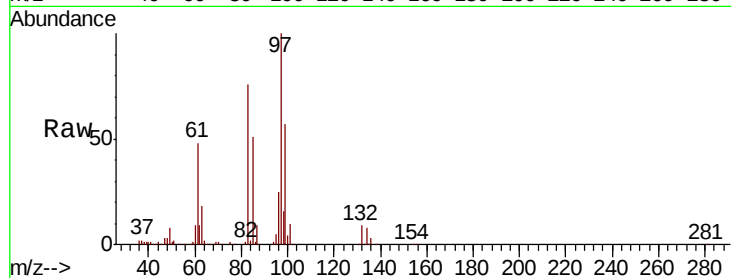




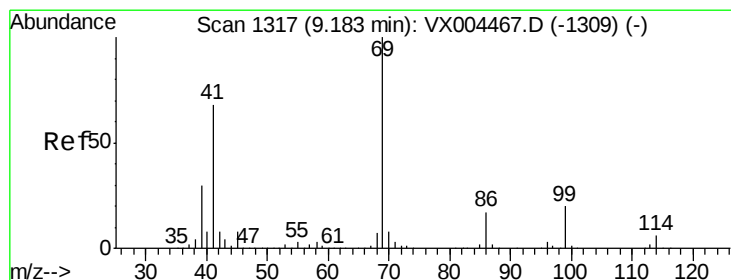
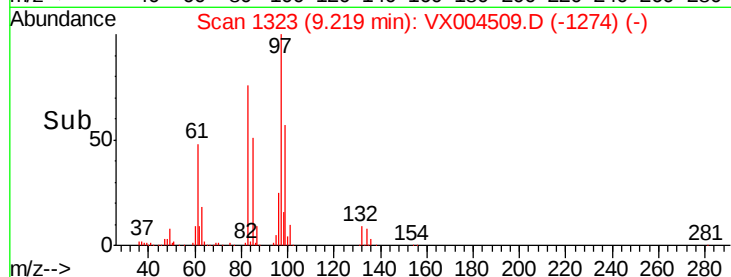
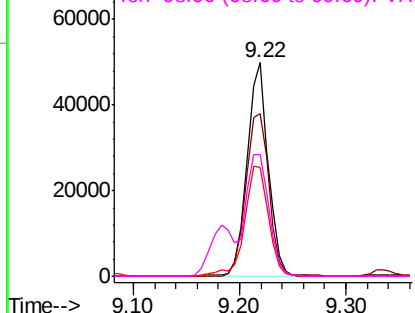
#55
 1,1,2-Trichloroethane
 Concen: 20.14 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004509.D
 Acq: 13 Sep 2018 12:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBS01

Tot Ion:	97	Resp:	69822
Ion	Ratio	Lower	Upper
97	100		
83	76.3	66.4	99.6
85	51.0	43.3	64.9
99	57.0	49.0	73.4

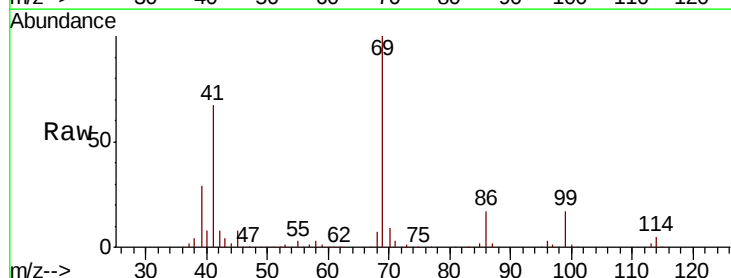


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

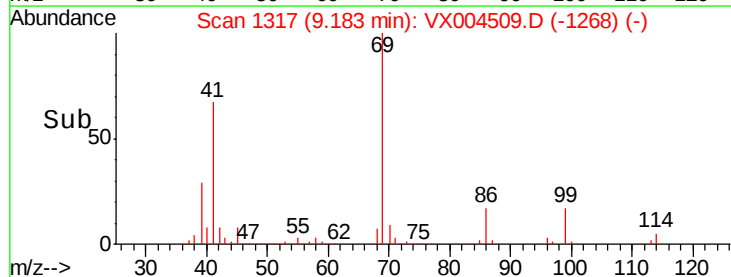
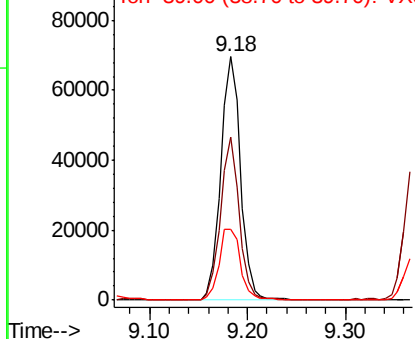


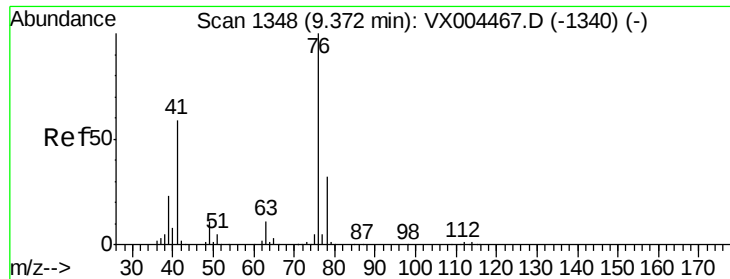
#56
 Ethyl methacrylate
 Concen: 19.93 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX004509.D
 Acq: 13 Sep 2018 12:07

Tgt Ion:	69	Resp:	97722
Ion	Ratio	Lower	Upper
69	100		
41	63.2	51.0	76.4
39	31.0	26.1	39.1



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





#57

1,3-Dichloropropane

Concen: 20.90 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX004509.D

Acq: 13 Sep 2018 12:07

Instrument :

MSVOA_X

ClientSampleId :

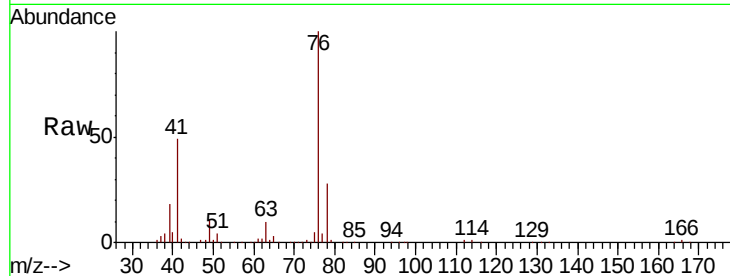
VX0913WBS01

Tot Ion: 76 Resp: 117684

Ion Ratio Lower Upper

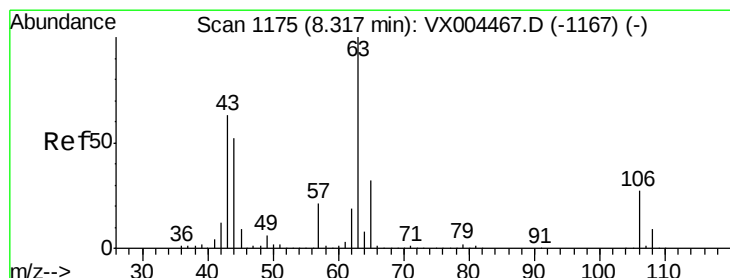
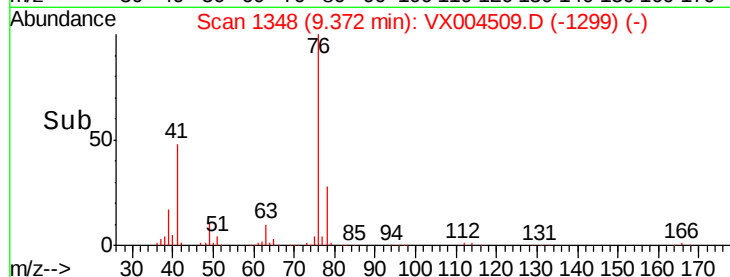
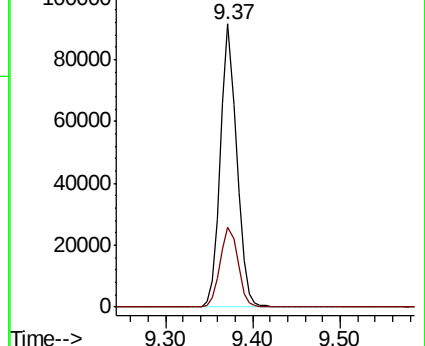
76 100

78 31.1 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 95.09 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VX004509.D

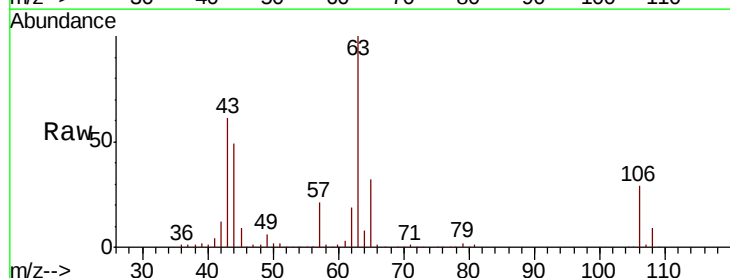
Acq: 13 Sep 2018 12:07

Tgt Ion: 63 Resp: 225971

Ion Ratio Lower Upper

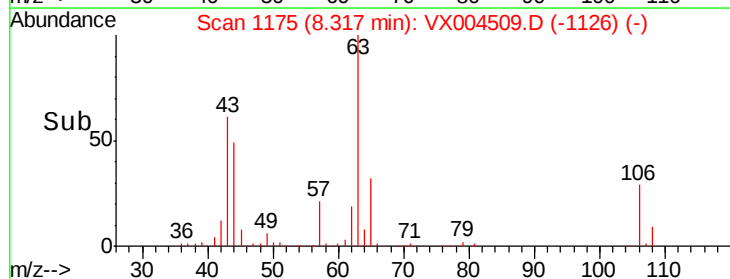
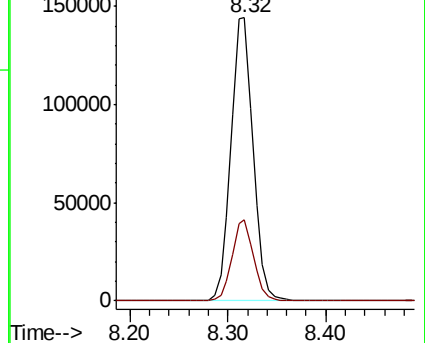
63 100

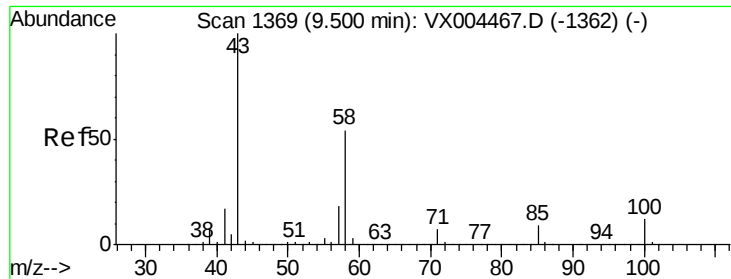
106 28.0 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

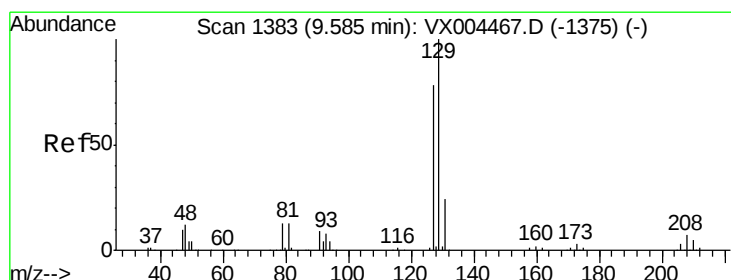
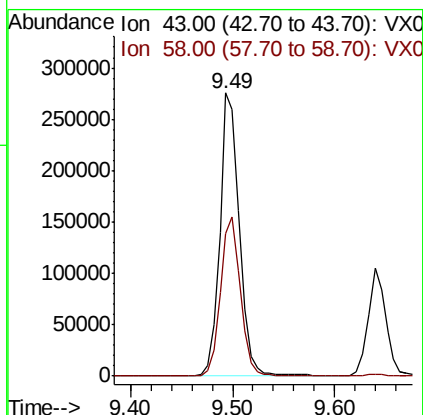
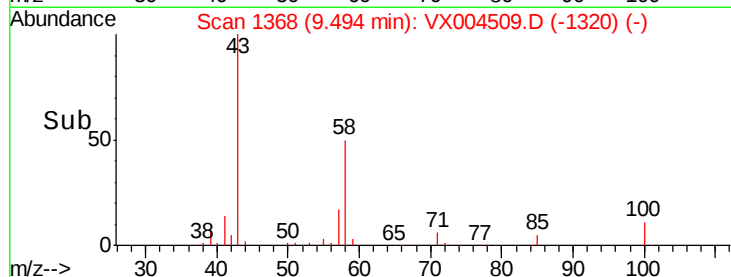
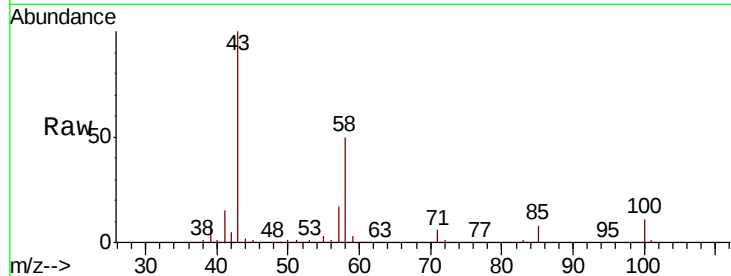




#59
2-Hexanone
Concen: 98.04 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX004509.D
Acq: 13 Sep 2018 12:07

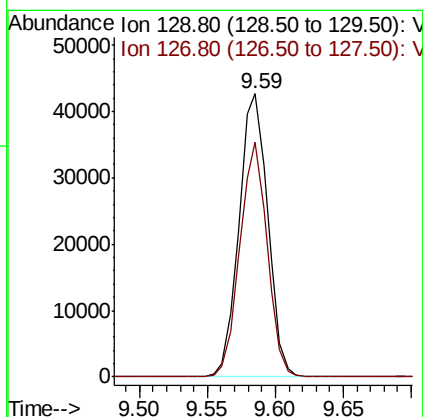
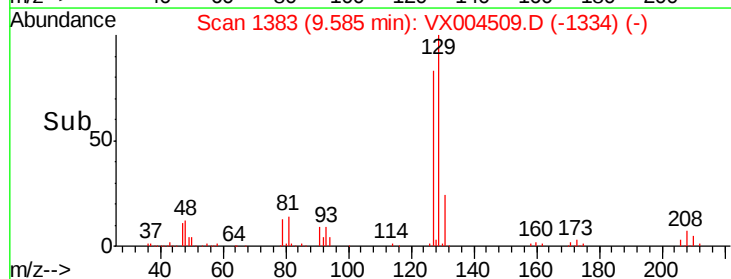
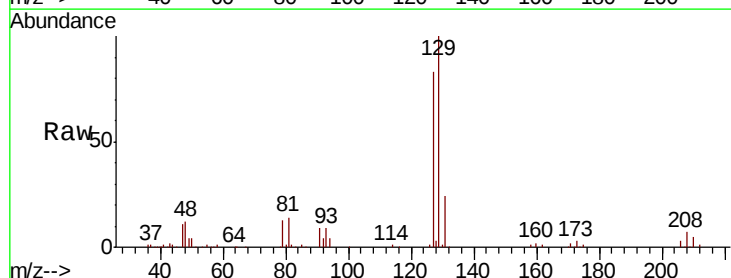
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBS01

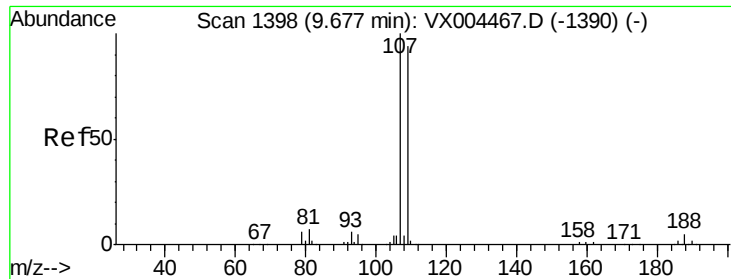
Tot Ion: 43 Resp: 369160
Ion Ratio Lower Upper
43 100
58 57.4 29.0 87.0



#60
Dibromochloromethane
Concen: 19.32 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004509.D
Acq: 13 Sep 2018 12:07

Tgt Ion: 129 Resp: 63040
Ion Ratio Lower Upper
129 100
127 78.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.88 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VX004509.D

Acq: 13 Sep 2018 12:07

Instrument :

MSVOA_X

ClientSampleId :

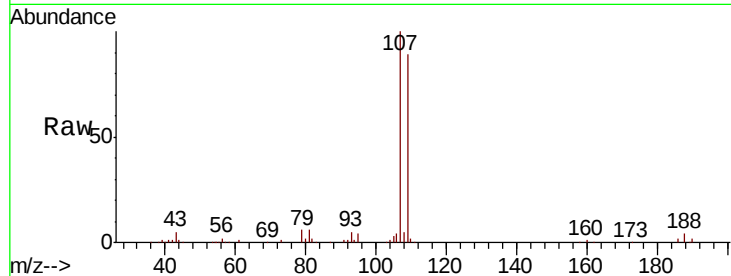
VX0913WBS01

Tot Ion:107 Resp: 65833

Ion Ratio Lower Upper

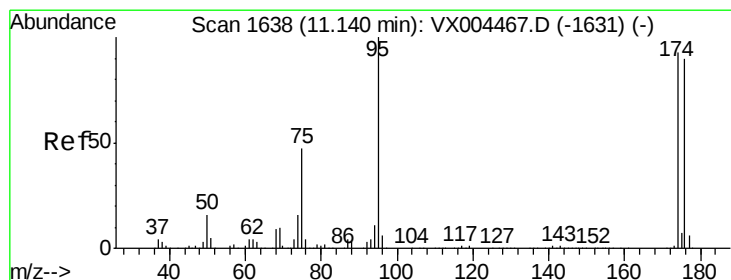
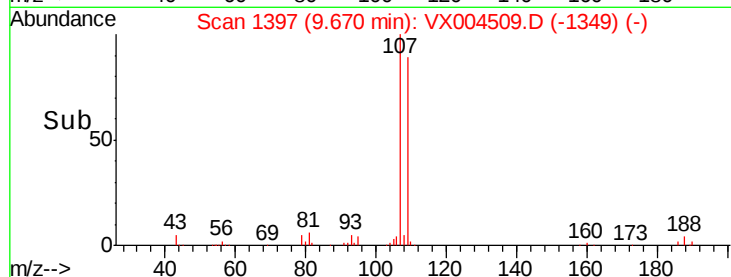
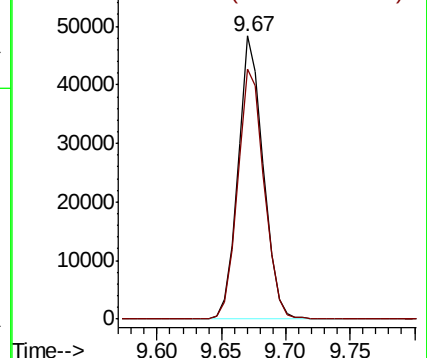
107 100

109 92.7 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: 48.83 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004509.D

Acq: 13 Sep 2018 12:07

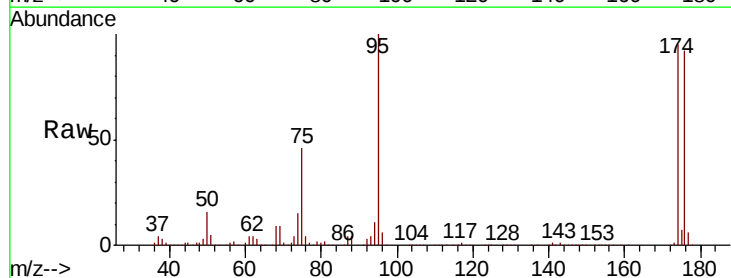
Tgt Ion: 95 Resp: 202891

Ion Ratio Lower Upper

95 100

174 91.7 0.0 185.2

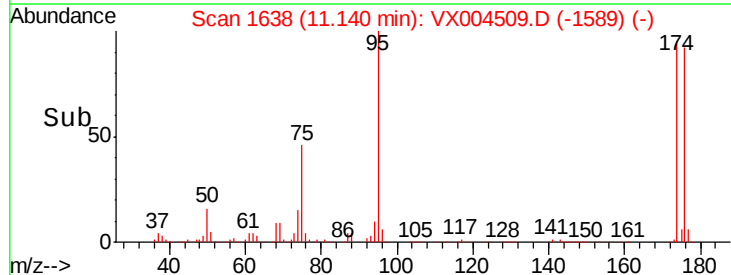
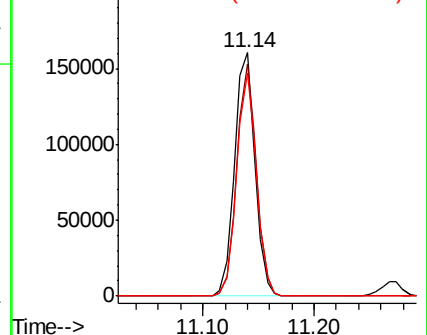
176 88.7 0.0 178.6

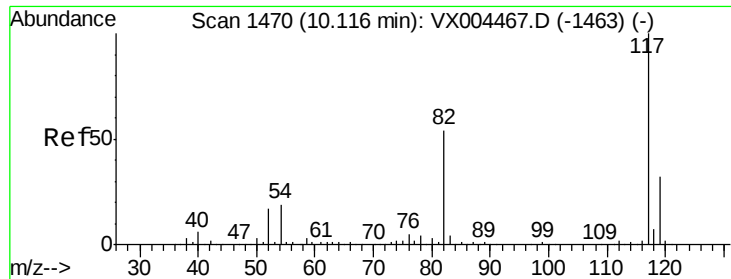


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

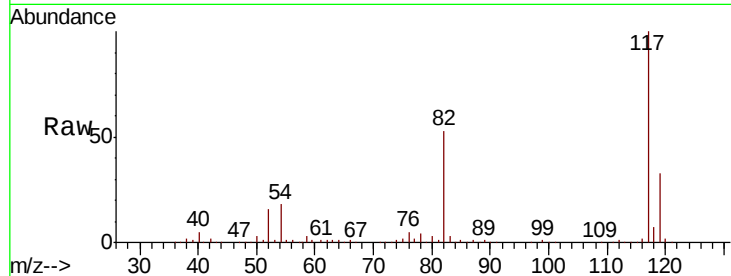




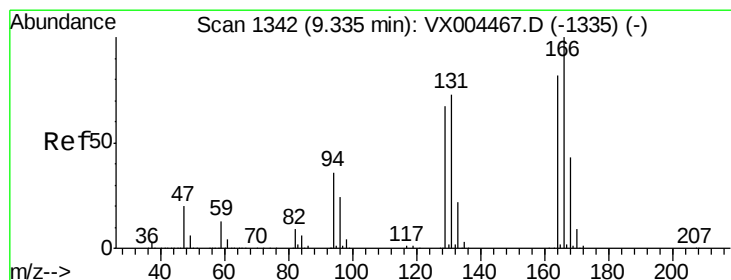
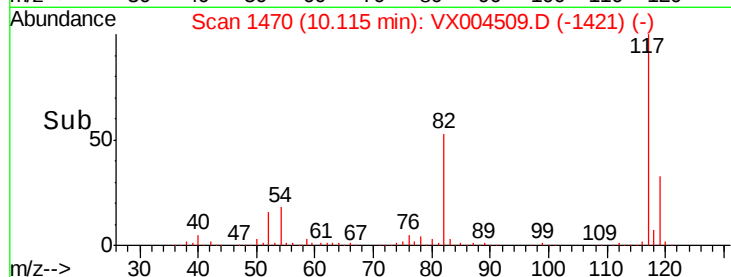
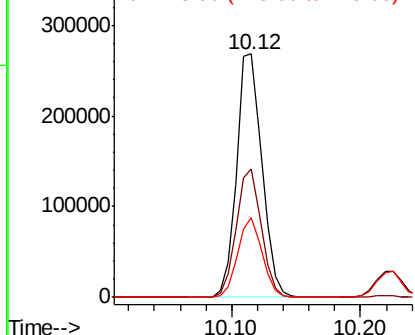
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004509.D
Acq: 13 Sep 2018 12:07

Instrument :
MSVOA_X
ClientSampled :
VX0913WBS01

Tot Ion:117 Resp: 367635
Ion Ratio Lower Upper
117 100
82 52.7 47.8 71.6
119 32.6 29.3 43.9

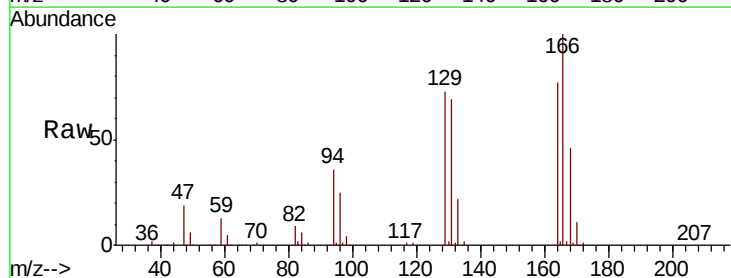


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

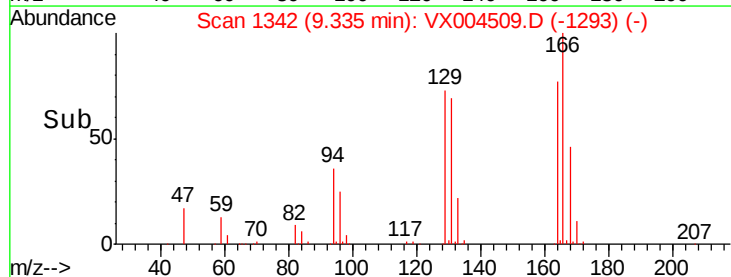
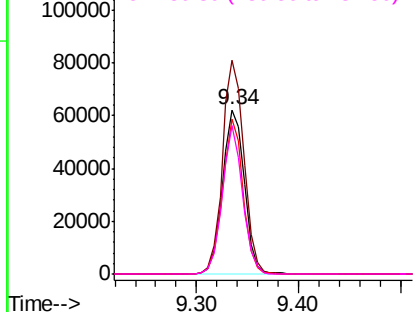


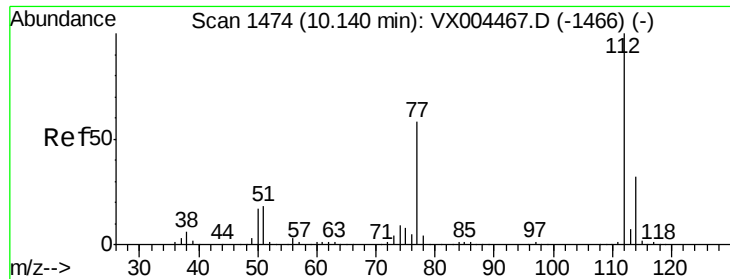
#64
Tetrachloroethene
Concen: 20.03 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004509.D
Acq: 13 Sep 2018 12:07

Tgt Ion:164 Resp: 91958
Ion Ratio Lower Upper
164 100
166 129.9 102.8 154.2
129 94.4 69.4 104.0
131 90.0 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

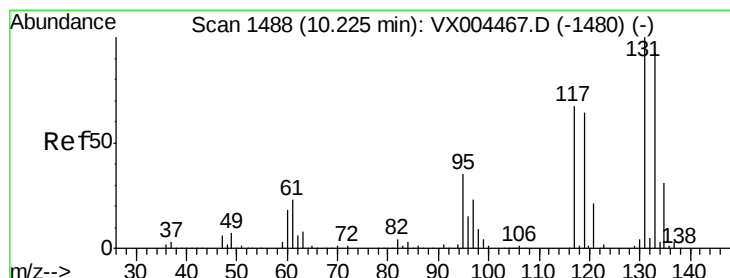
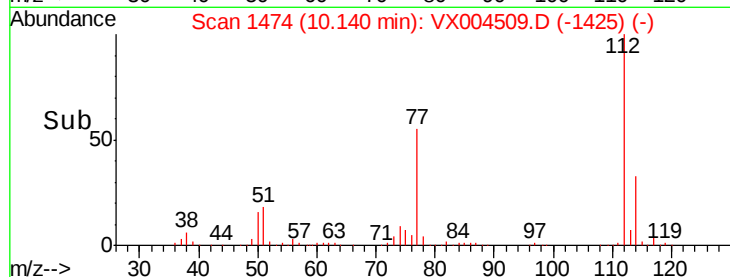
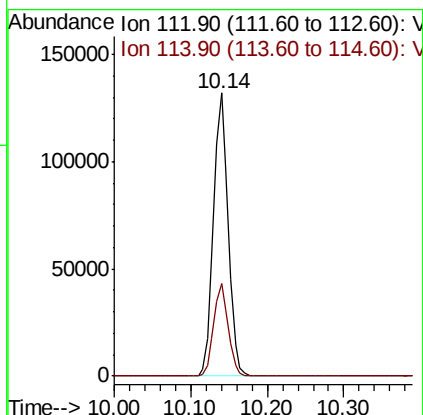
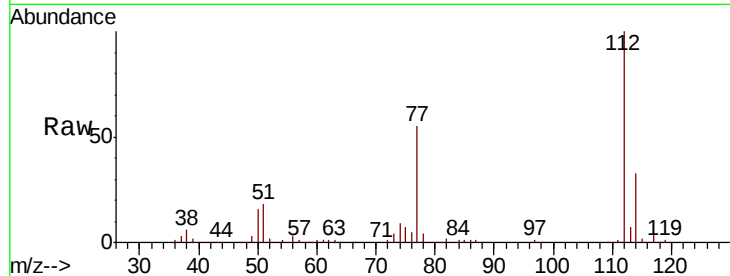




#65
Chlorobenzene
Concen: 19.32 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004509.D
Acq: 13 Sep 2018 12:07

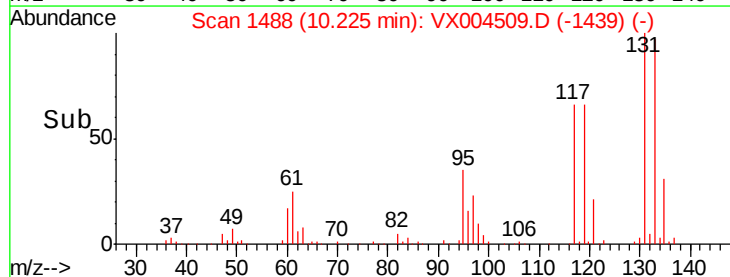
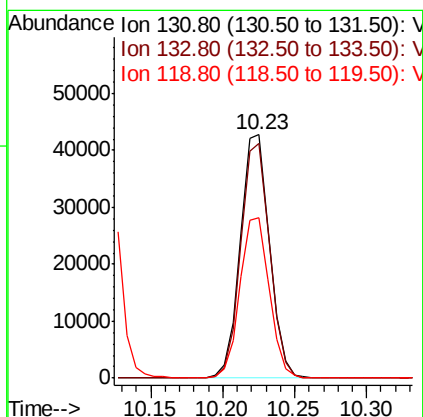
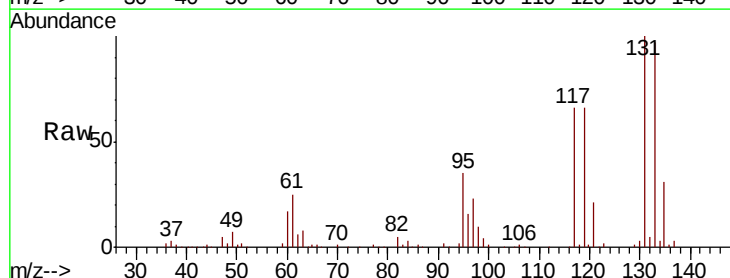
Instrument :
MSVOA_X
ClientSampled :
VX0913WBS01

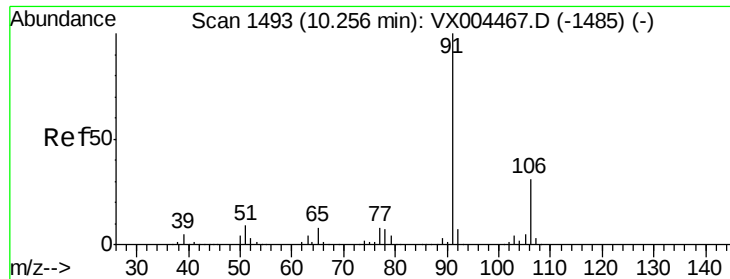
Tot Ion:112 Resp: 176383
Ion Ratio Lower Upper
112 100
114 32.7 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.08 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX004509.D
Acq: 13 Sep 2018 12:07

Tgt Ion:131 Resp: 60076
Ion Ratio Lower Upper
131 100
133 95.5 48.1 144.4
119 66.4 32.9 98.6

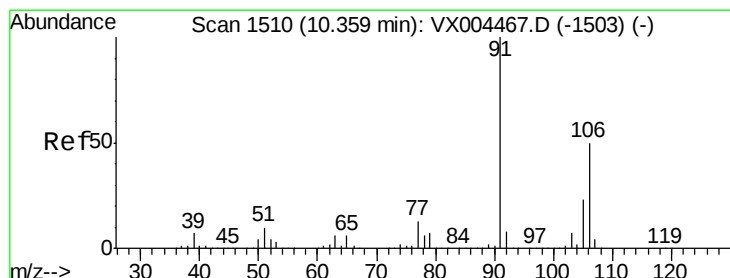
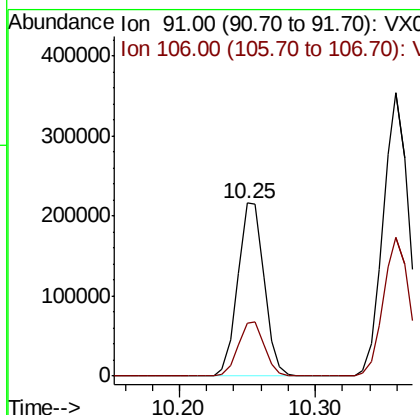
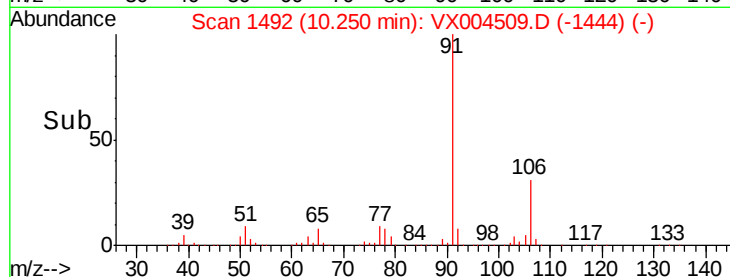
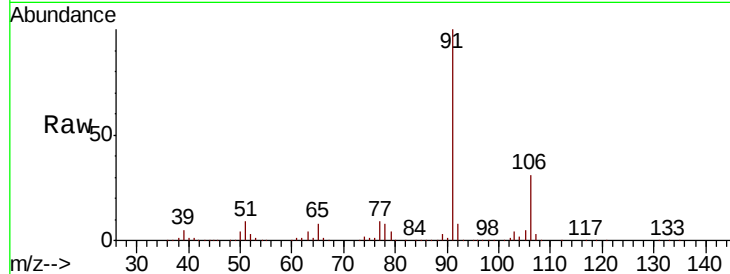




#67
Ethyl Benzene
Concen: 19.68 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX004509.D
Acq: 13 Sep 2018 12:07

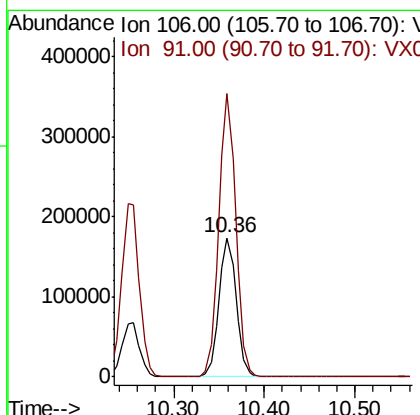
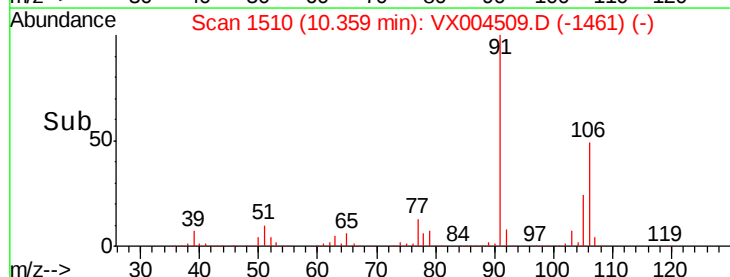
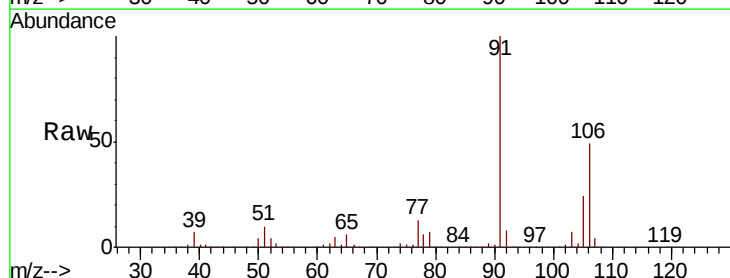
Instrument :
MSVOA_X
ClientSampled :
VX0913WBS01

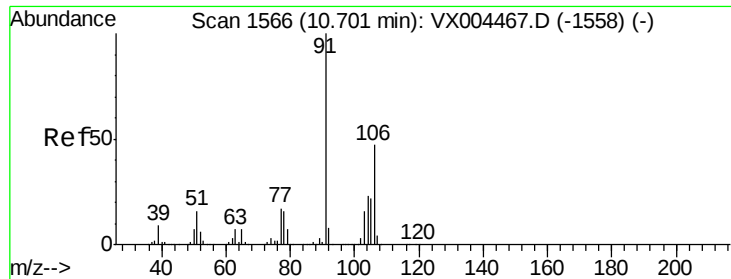
Tot Ion: 91 Resp: 292286
Ion Ratio Lower Upper
91 100
106 30.8 25.9 38.9



#68
m/p-Xylenes
Concen: 40.58 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004509.D
Acq: 13 Sep 2018 12:07

Tgt Ion: 106 Resp: 232098
Ion Ratio Lower Upper
106 100
91 200.4 157.1 235.7

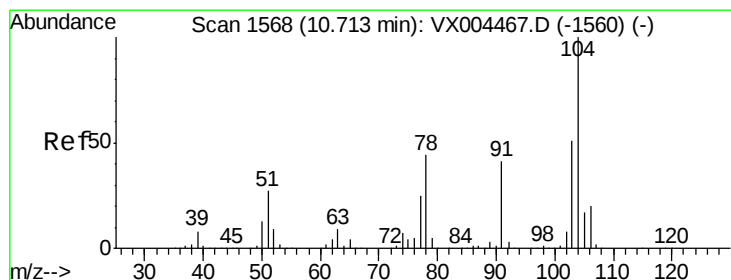
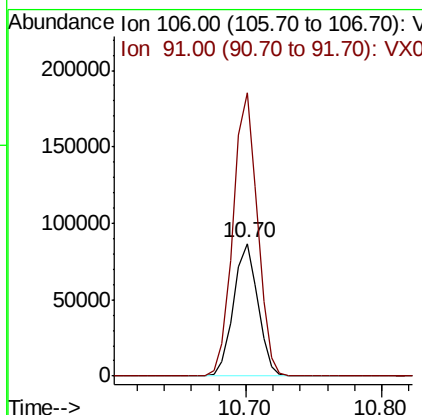
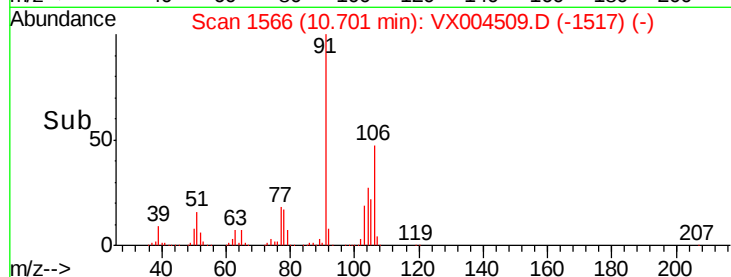
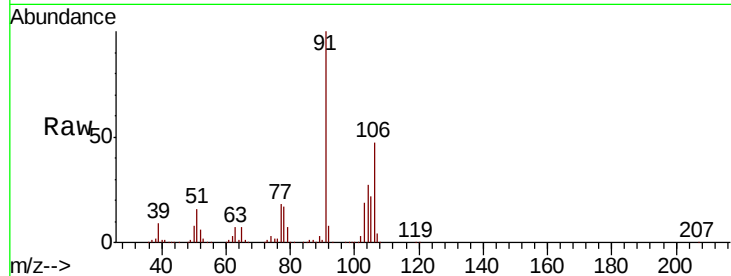




#69
o-Xylene
Concen: 19.83 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004509.D
Acq: 13 Sep 2018 12:07

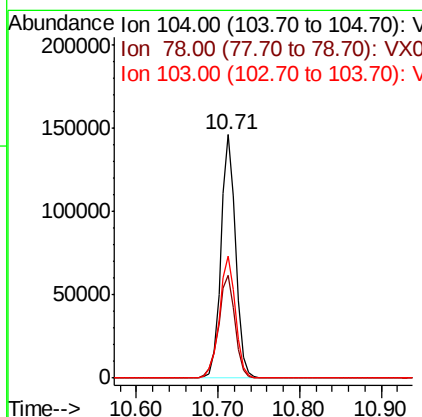
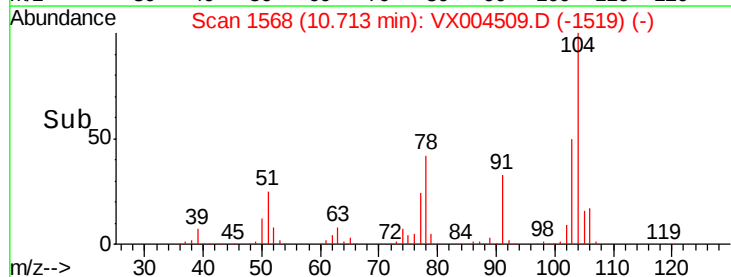
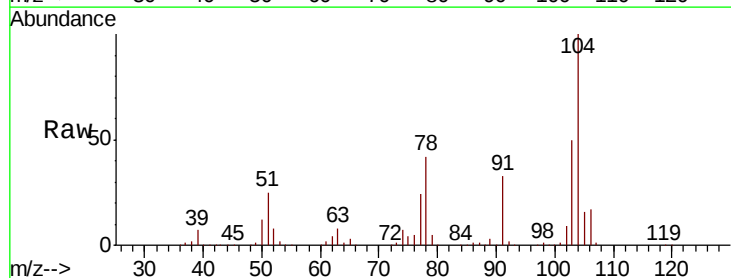
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBS01

Tot Ion:106 Resp: 109061
Ion Ratio Lower Upper
106 100
91 212.6 105.1 315.1



#70
Styrene
Concen: 20.18 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004509.D
Acq: 13 Sep 2018 12:07

Tgt Ion:104 Resp: 183862
Ion Ratio Lower Upper
104 100
78 47.3 37.4 56.0
103 55.0 43.8 65.6

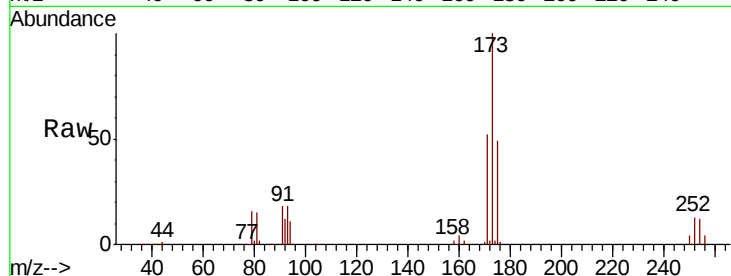




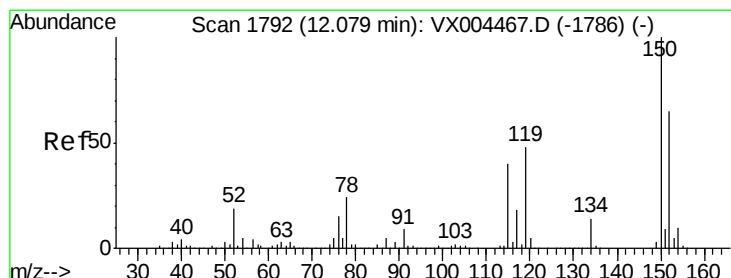
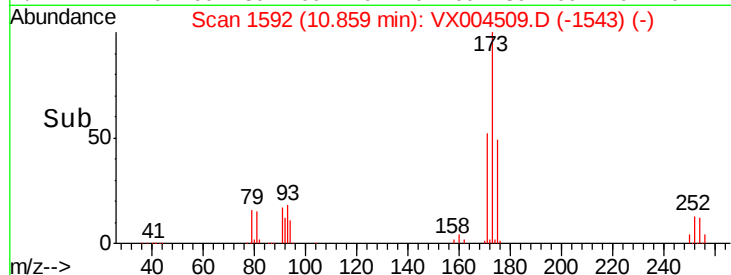
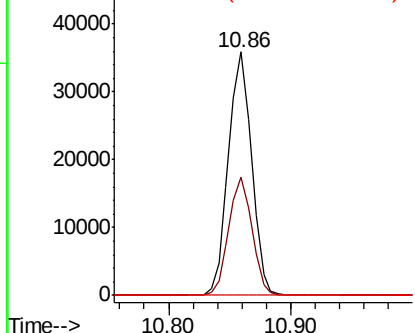
#71
Bromoform
Concen: 18.21 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX004509.D
Acq: 13 Sep 2018 12:07

Instrument :
MSVOA_X
ClientSampleId :
VX0913WBS01

Tot Ion:173 Resp: 47077
Ion Ratio Lower Upper
173 100
175 48.5 24.1 72.3
254 0.2 0.2 0.2

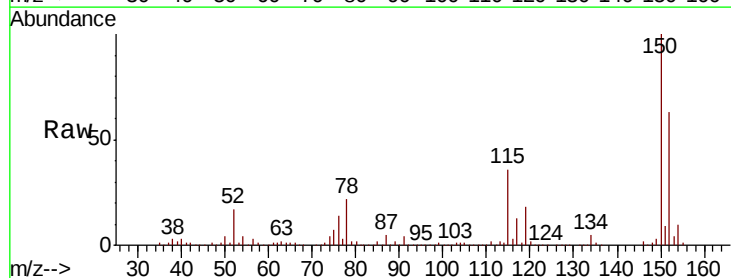


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

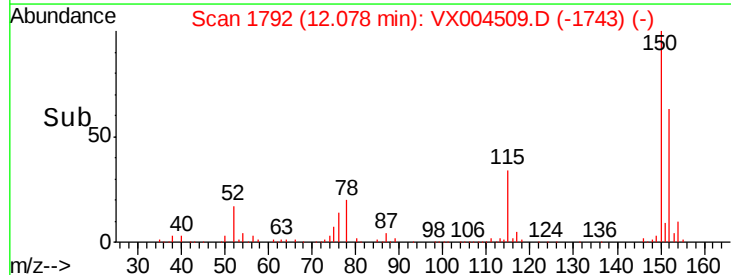
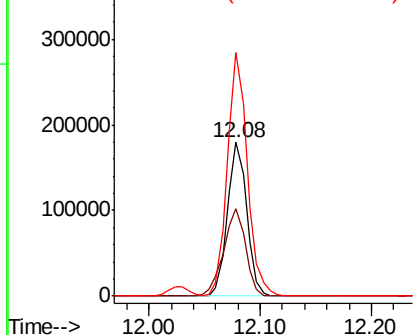


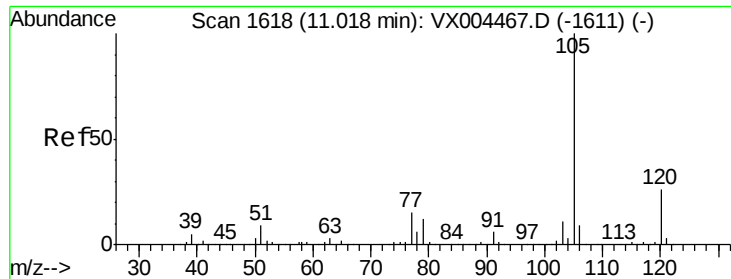
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004509.D
Acq: 13 Sep 2018 12:07

Tgt Ion:152 Resp: 214880
Ion Ratio Lower Upper
152 100
115 64.5 39.0 117.0
150 163.7 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: 21.36 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004509.D

Acq: 13 Sep 2018 12:07

Instrument :

MSVOA_X

ClientSampled :

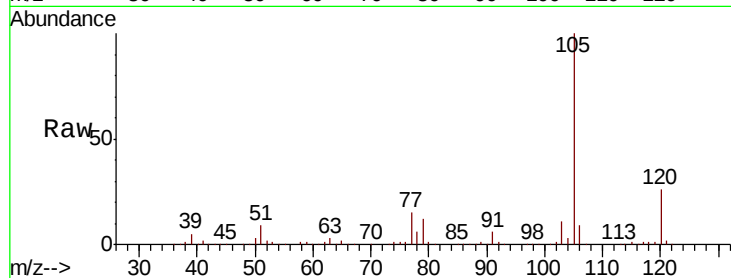
VX0913WBS01

Tot Ion:105 Resp: 302240

Ion Ratio Lower Upper

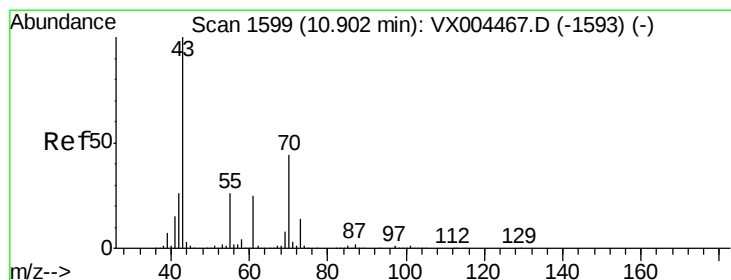
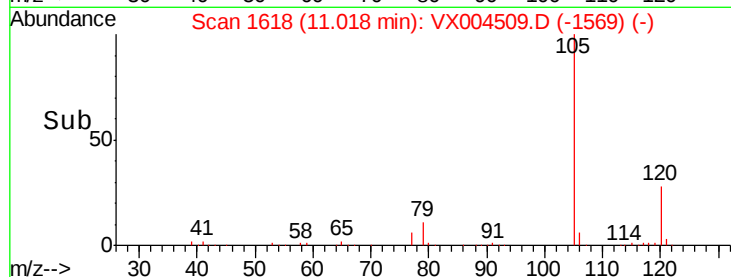
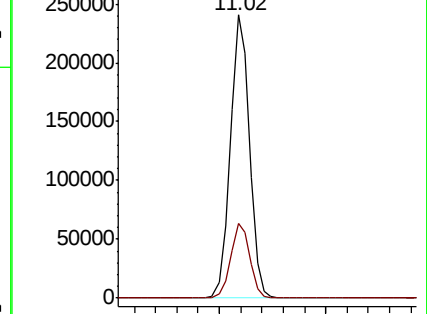
105 100

120 26.5 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: 19.06 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX004509.D

Acq: 13 Sep 2018 12:07

Tgt Ion: 43 Resp: 113539

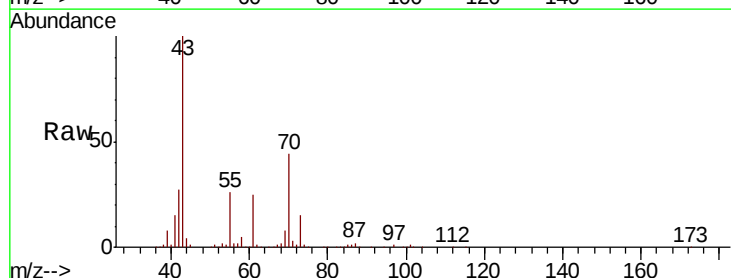
Ion Ratio Lower Upper

43 100

70 44.6 37.4 56.0

55 27.1 21.8 32.8

61 24.9 20.6 30.8

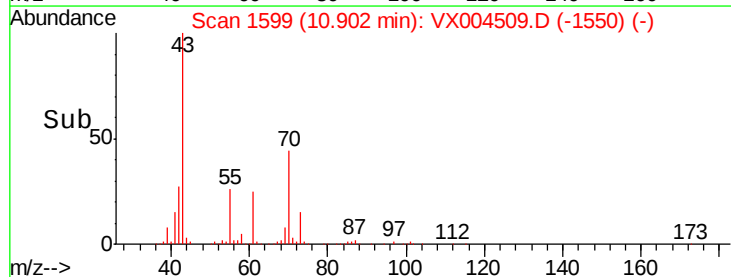
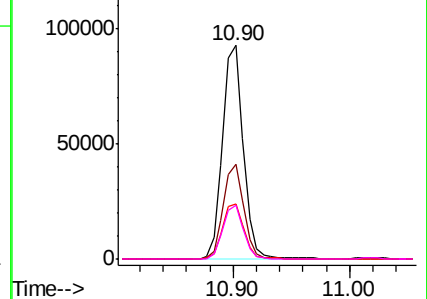


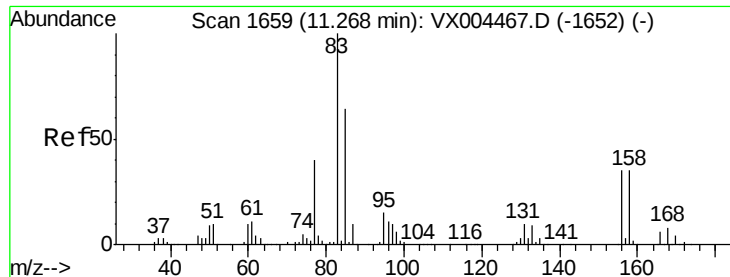
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.15 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004509.D

Acq: 13 Sep 2018 12:07

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBS01

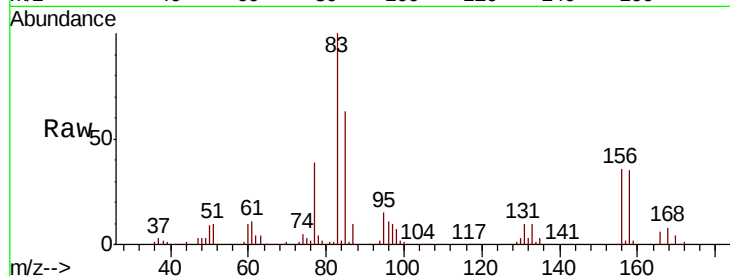
Tot Ion: 83 Resp: 87423

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

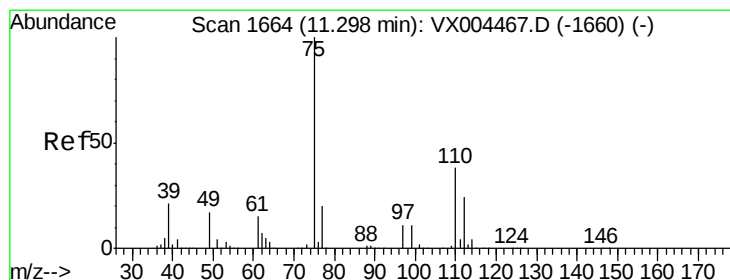
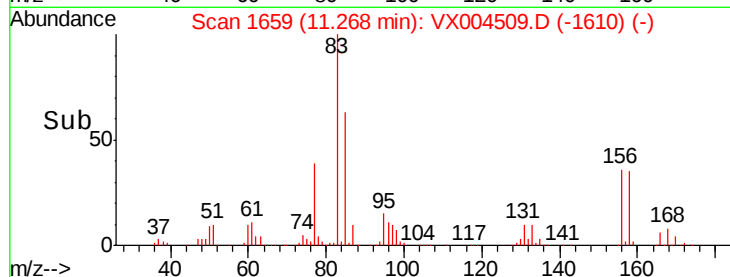
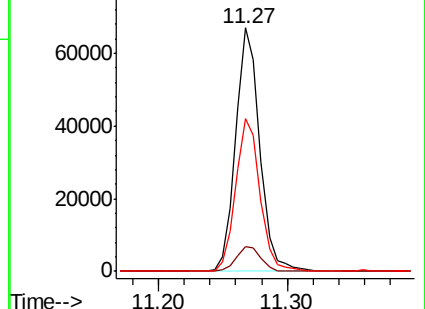
85 63.8 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.81 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX004509.D

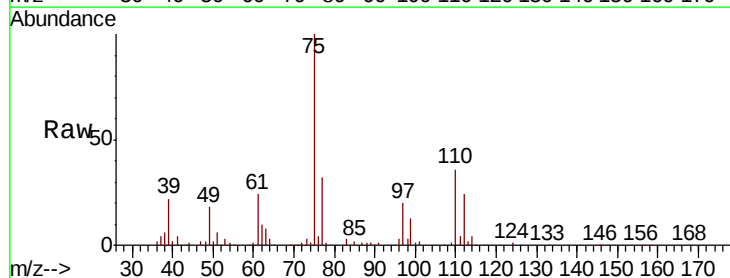
Acq: 13 Sep 2018 12:07

Tgt Ion: 75 Resp: 107241

Ion Ratio Lower Upper

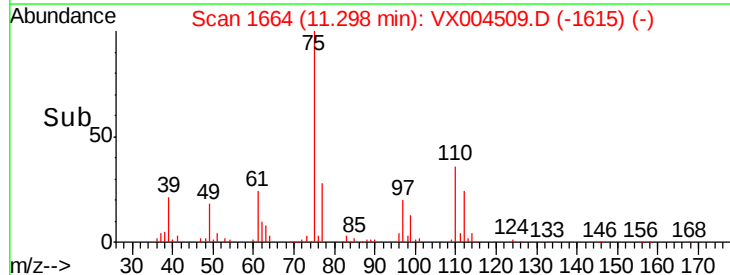
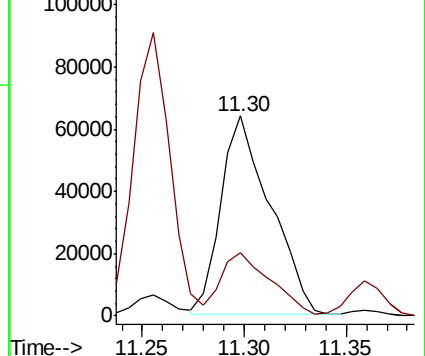
75 100

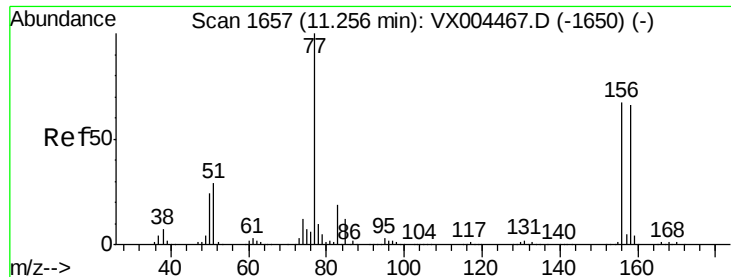
77 32.0 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.40 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004509.D

Acq: 13 Sep 2018 12:07

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBS01

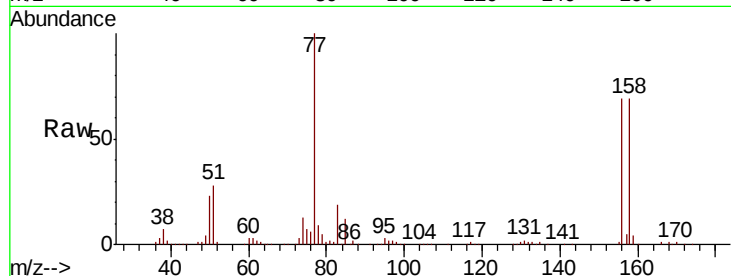
Tot Ion:156 Resp: 79812

Ion Ratio Lower Upper

156 100

77 144.2 71.5 214.3

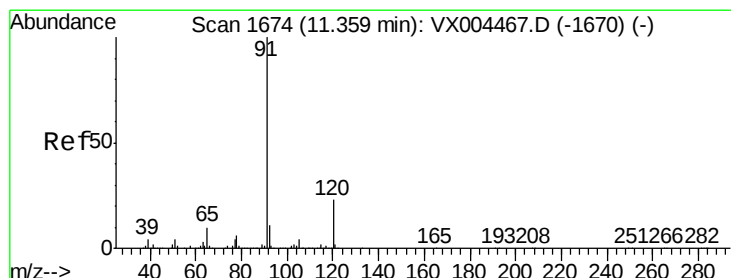
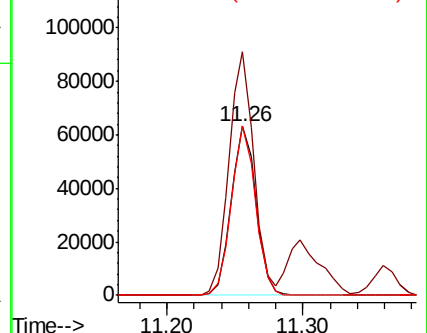
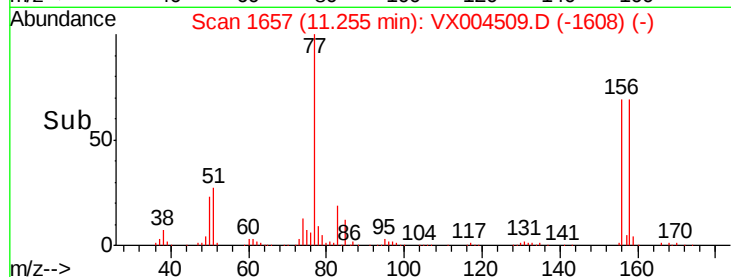
158 98.0 48.9 146.8



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: 21.44 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004509.D

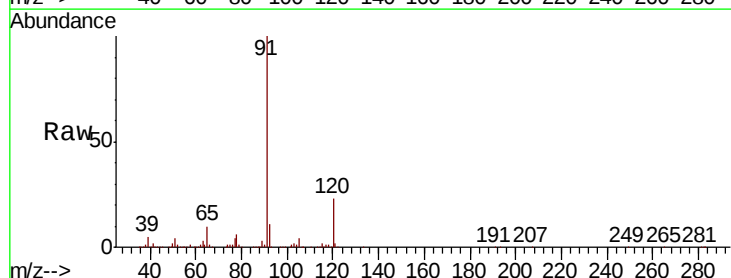
Acq: 13 Sep 2018 12:07

Tgt Ion: 91 Resp: 348831

Ion Ratio Lower Upper

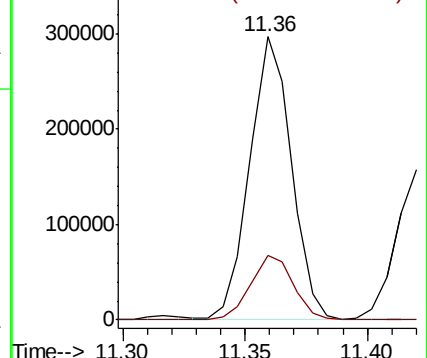
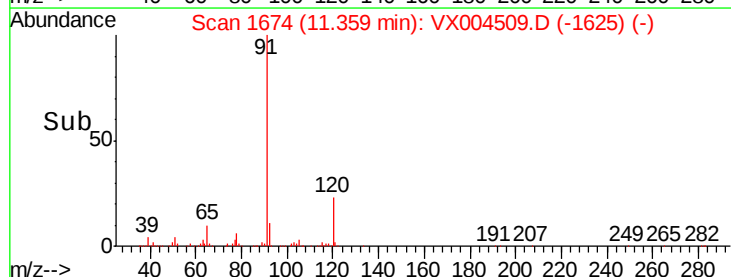
91 100

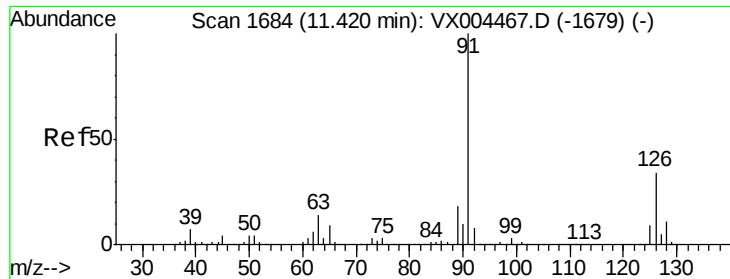
120 23.5 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

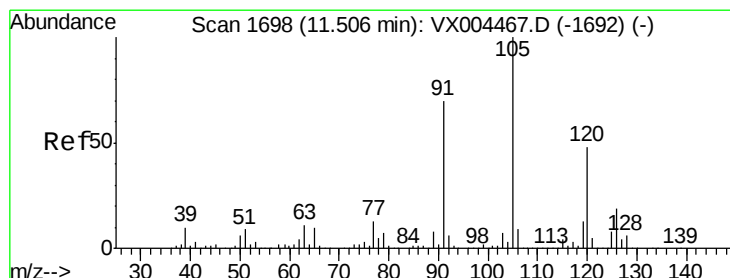
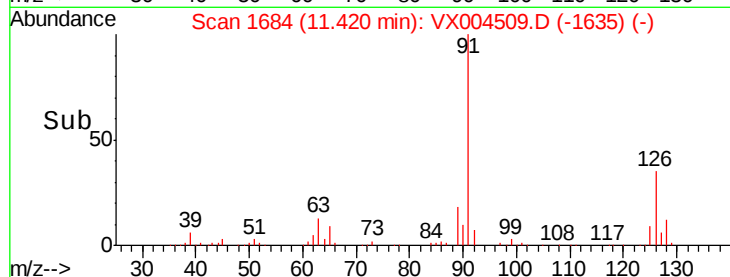
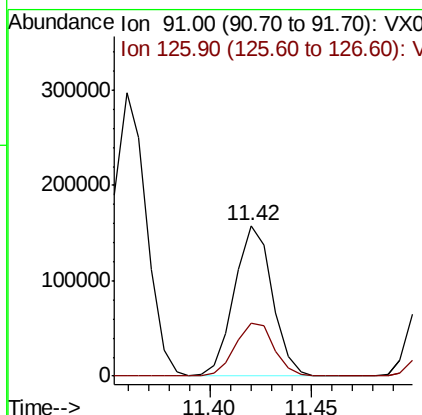
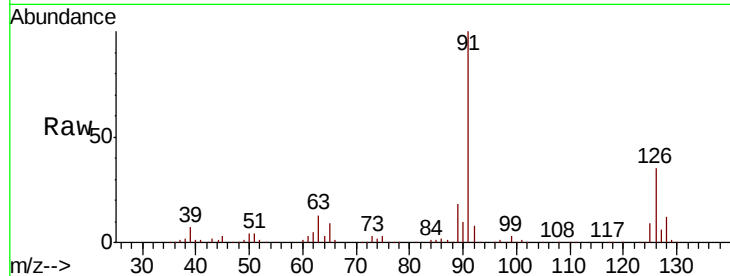




#79
 2-Chlorotoluene
 Concen: 20.50 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX004509.D
 Acq: 13 Sep 2018 12:07

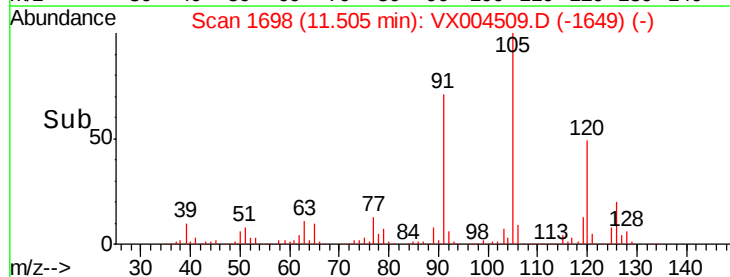
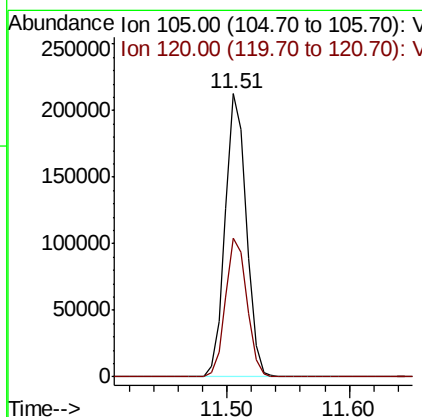
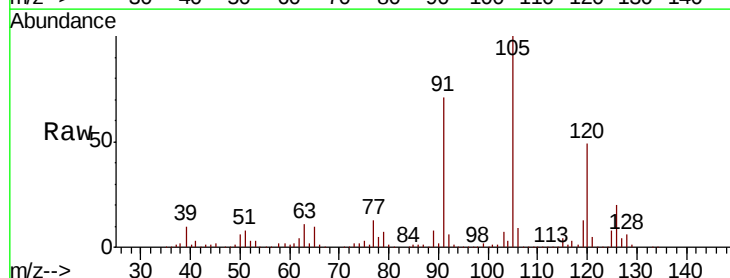
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBS01

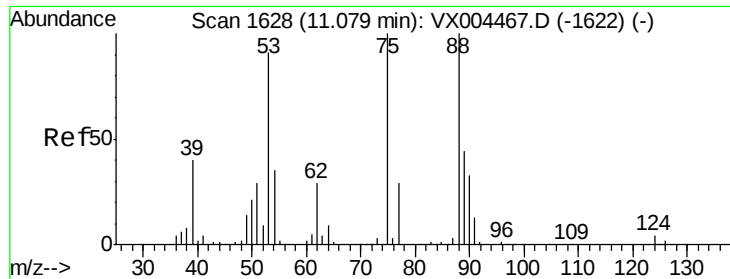
Tot Ion: 91 Resp: 202316
 Ion Ratio Lower Upper
 91 100
 126 36.1 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 21.25 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX004509.D
 Acq: 13 Sep 2018 12:07

Tgt Ion: 105 Resp: 252849
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.79 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX004509.D

Acq: 13 Sep 2018 12:07

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBS01

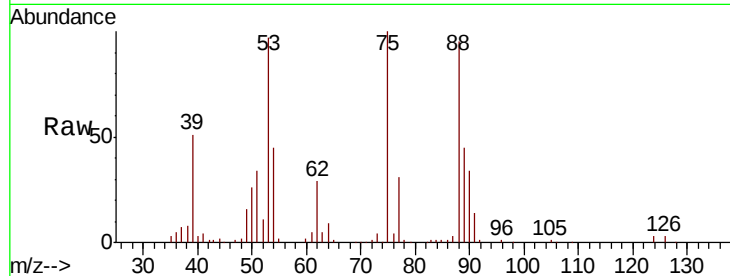
Tot Ion: 75 Resp: 26836

Ion Ratio Lower Upper

75 100

53 99.8 80.1 120.1

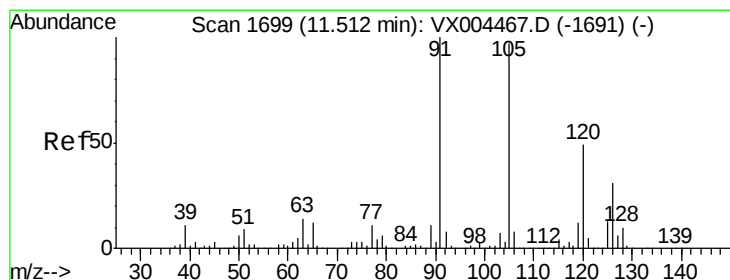
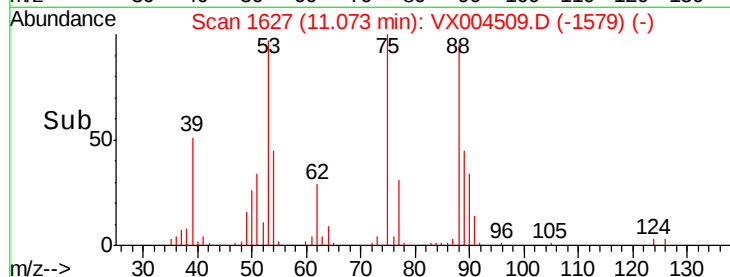
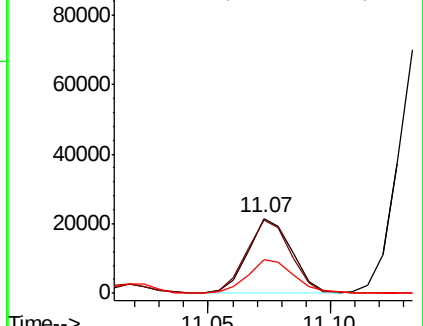
89 47.8 37.2 55.8



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: 20.91 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004509.D

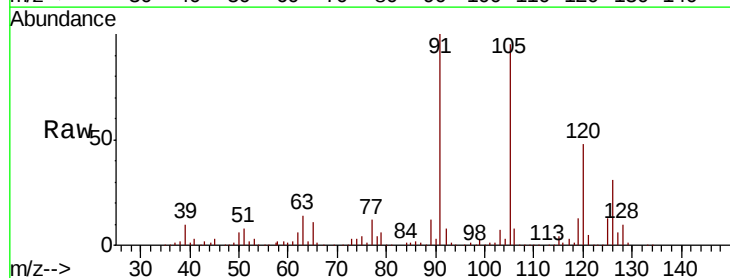
Acq: 13 Sep 2018 12:07

Tgt Ion: 91 Resp: 240843

Ion Ratio Lower Upper

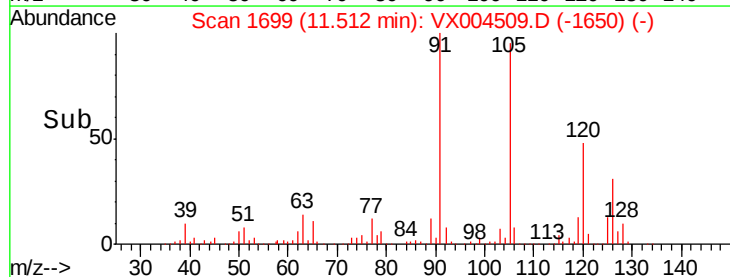
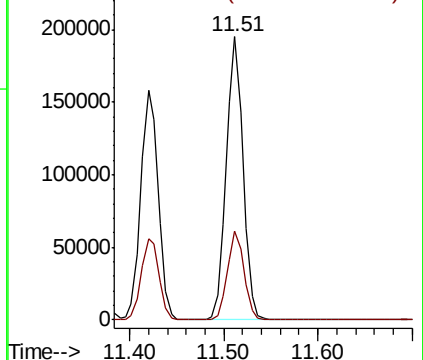
91 100

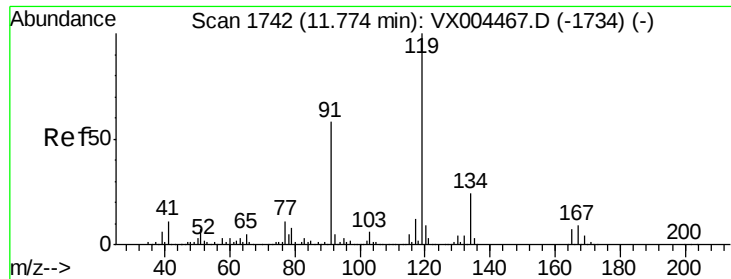
126 31.1 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

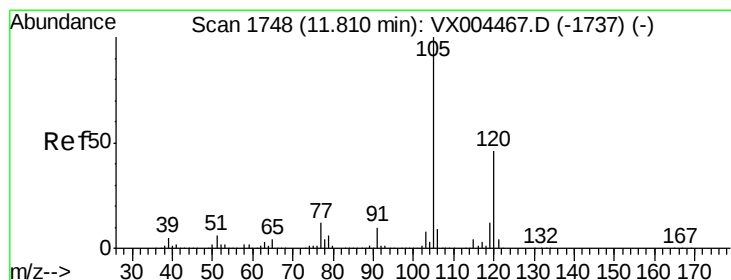
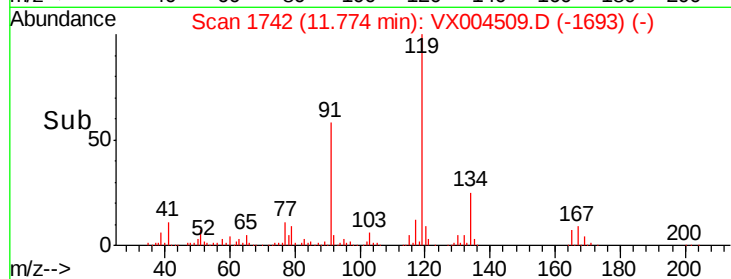
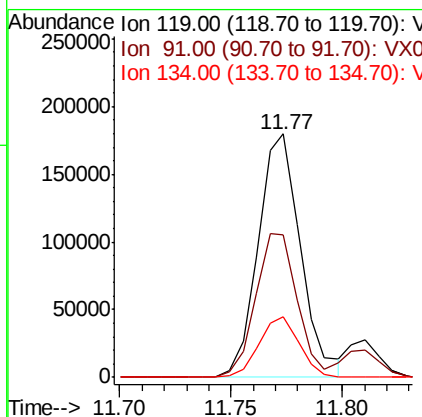
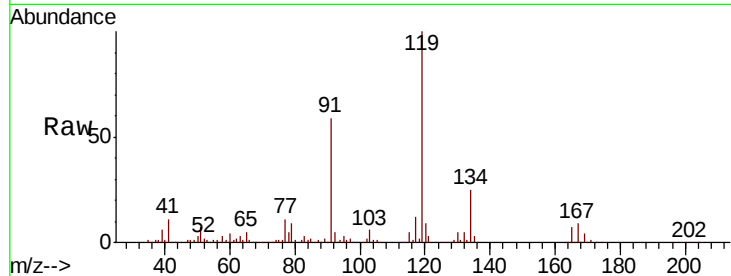




#83
 tert-Butylbenzene
 Concen: 21.06 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004509.D
 Acq: 13 Sep 2018 12:07

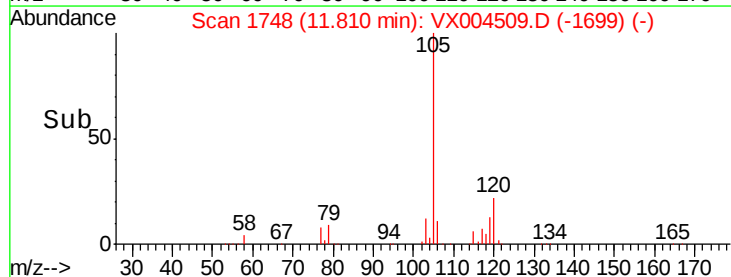
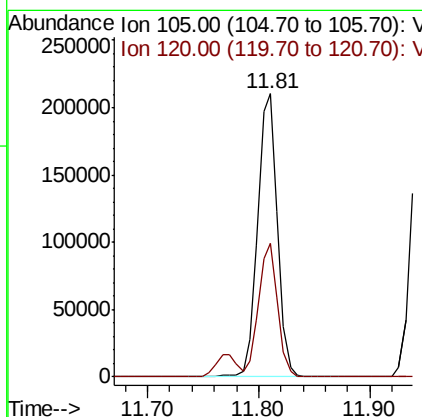
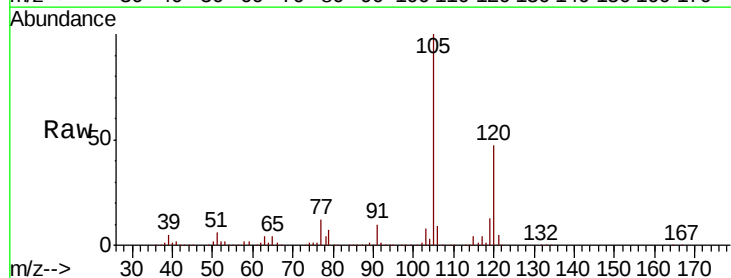
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBS01

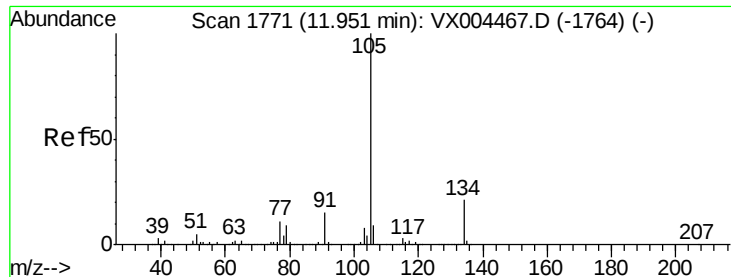
Tot Ion	Ratio	Lower	Upper
119	100		
91	57.9	27.0	81.0
134	23.6	11.7	35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.48 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX004509.D
 Acq: 13 Sep 2018 12:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.2	69.6





#85

sec-Butylbenzene

Concen: 21.42 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004509.D

Acq: 13 Sep 2018 12:07

Instrument :

MSVOA_X

ClientSampled :

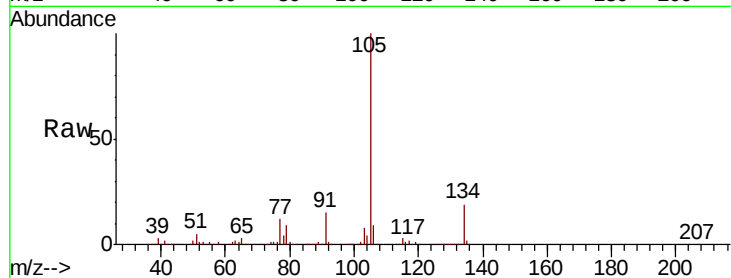
VX0913WBS01

Tot Ion:105 Resp: 309156

Ion Ratio Lower Upper

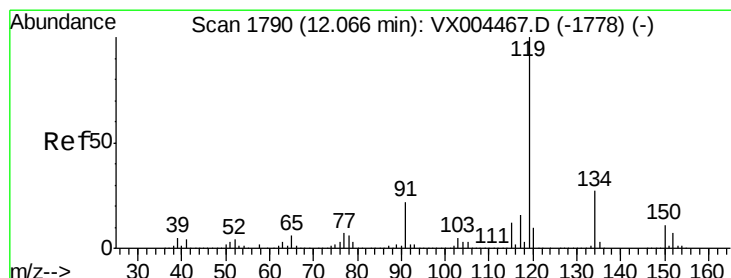
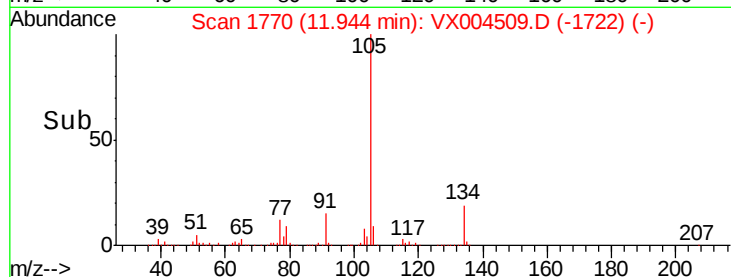
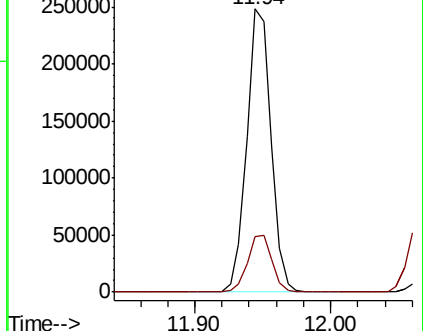
105 100

134 20.3 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: 21.65 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004509.D

Acq: 13 Sep 2018 12:07

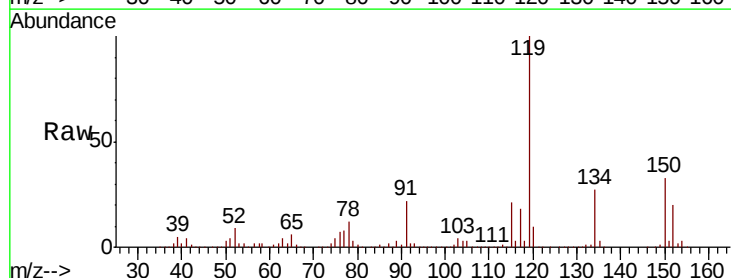
Tgt Ion:119 Resp: 275896

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.2

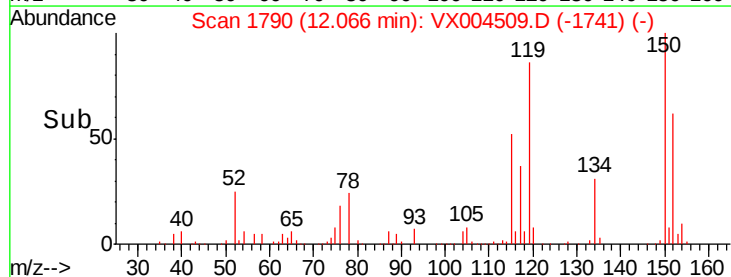
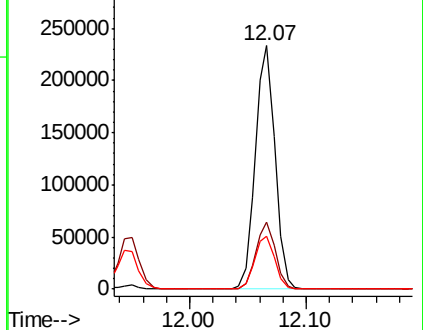
91 22.3 10.9 32.7

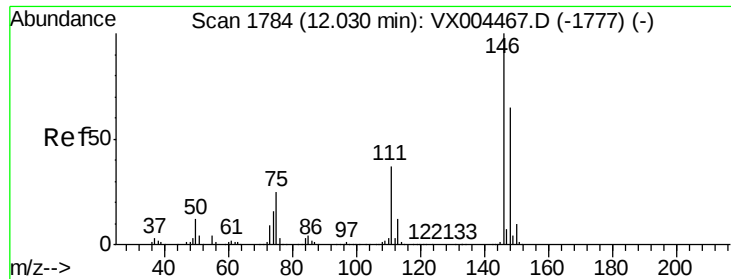


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 20.45 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VX004509.D

Acq: 13 Sep 2018 12:07

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBS01

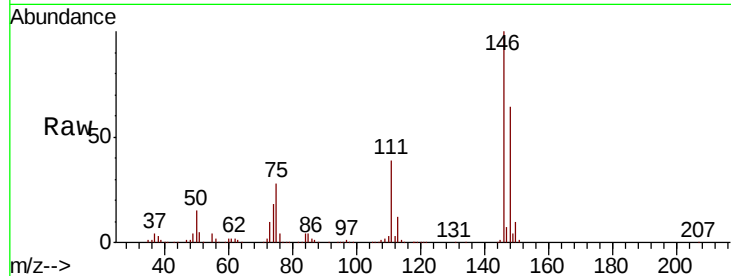
Tot Ion:146 Resp: 149221

Ion Ratio Lower Upper

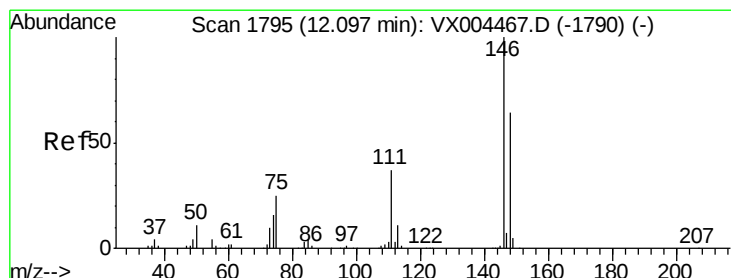
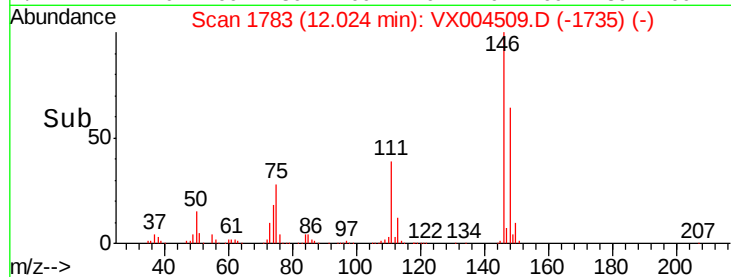
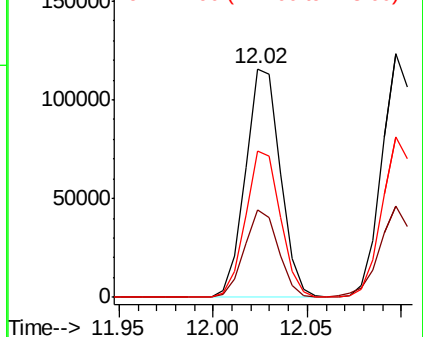
146 100

111 37.2 18.7 56.1

148 63.9 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.92 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX004509.D

Acq: 13 Sep 2018 12:07

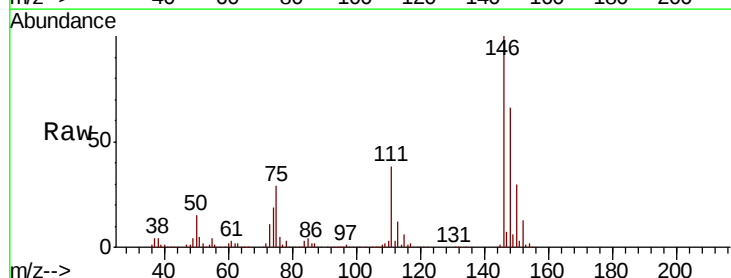
Tgt Ion:146 Resp: 150227

Ion Ratio Lower Upper

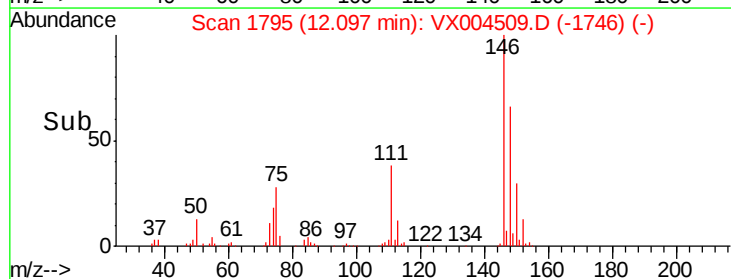
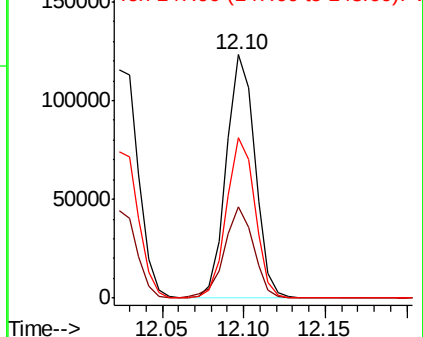
146 100

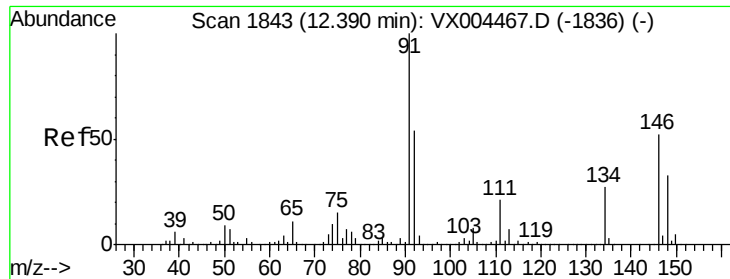
111 38.4 18.1 54.1

148 65.5 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

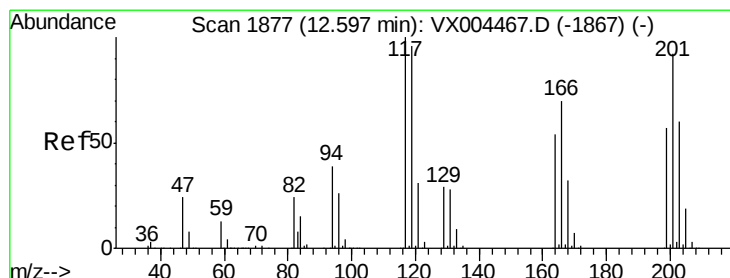
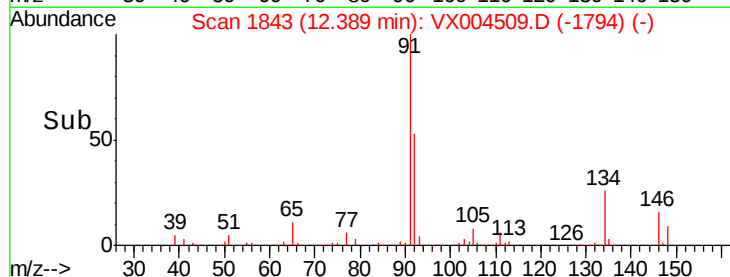
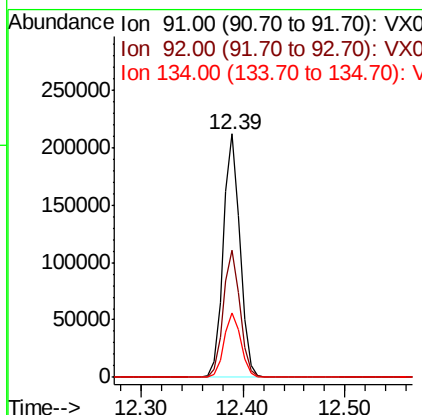
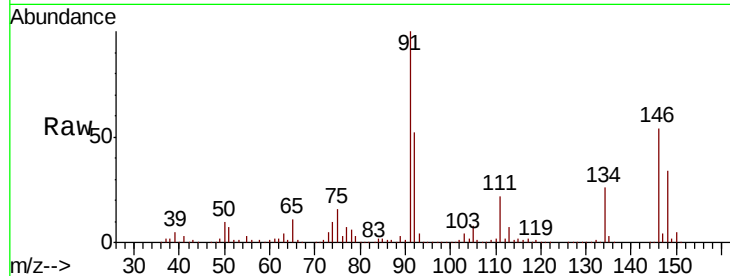




#89
n-Butylbenzene
Concen: 20.84 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004509.D
Acq: 13 Sep 2018 12:07

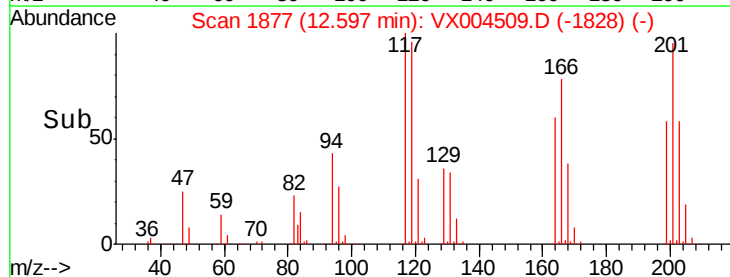
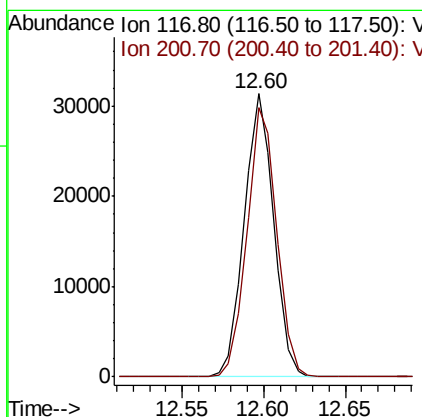
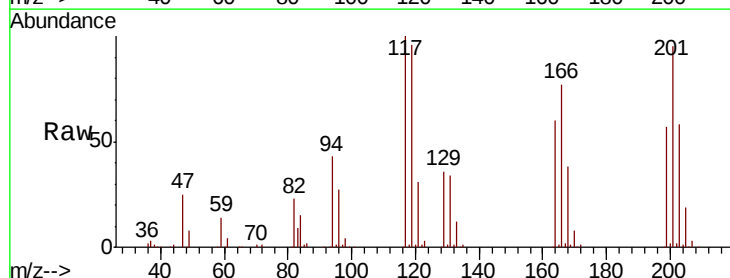
Instrument :
MSVOA_X
ClientSampled :
VX0913WBS01

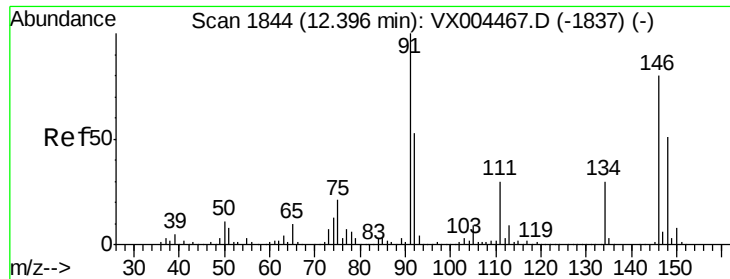
Tot Ion: 91 Resp: 242035
Ion Ratio Lower Upper
91 100
92 52.2 27.3 81.9
134 26.7 13.6 40.7



#90
Hexachloroethane
Concen: 19.35 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004509.D
Acq: 13 Sep 2018 12:07

Tgt Ion: 117 Resp: 39475
Ion Ratio Lower Upper
117 100
201 95.8 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 20.06 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VX004509.D

Acq: 13 Sep 2018 12:07

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBS01

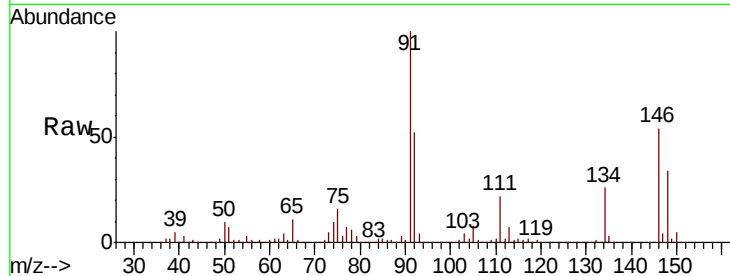
Tot Ion:146 Resp: 148147

Ion Ratio Lower Upper

146 100

111 39.0 19.4 58.1

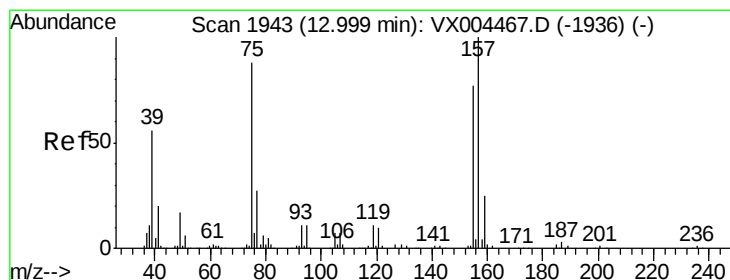
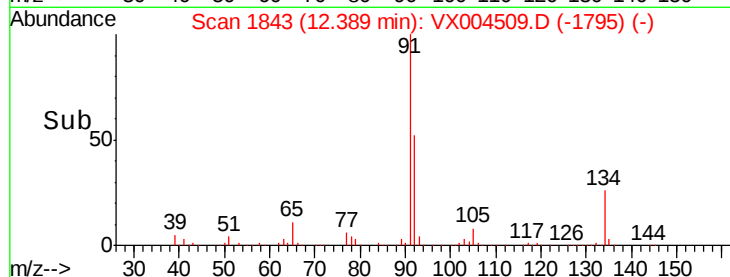
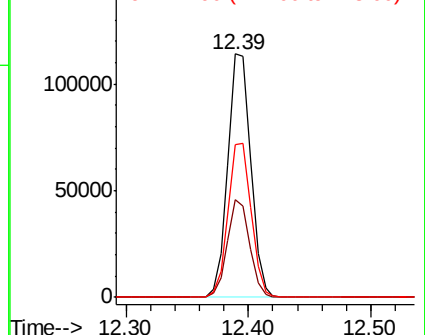
148 63.6 32.8 98.3



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: 19.09 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX004509.D

Acq: 13 Sep 2018 12:07

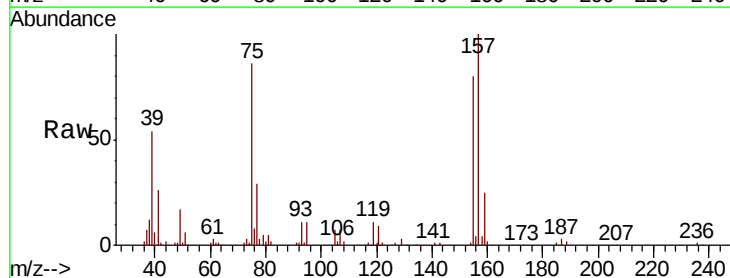
Tgt Ion: 75 Resp: 18602

Ion Ratio Lower Upper

75 100

155 98.7 48.0 144.2

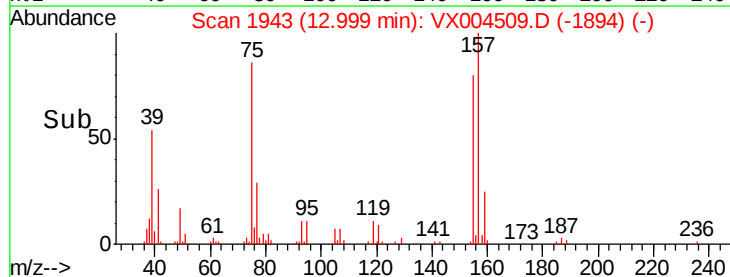
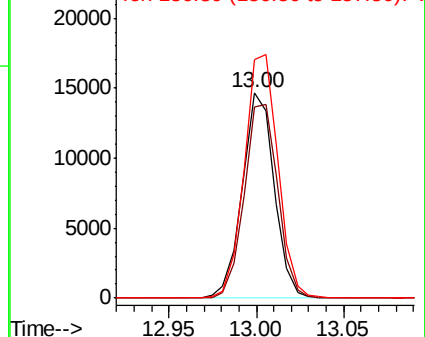
157 124.5 61.4 184.1

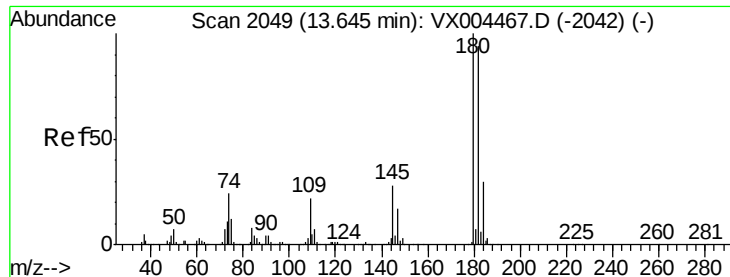


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

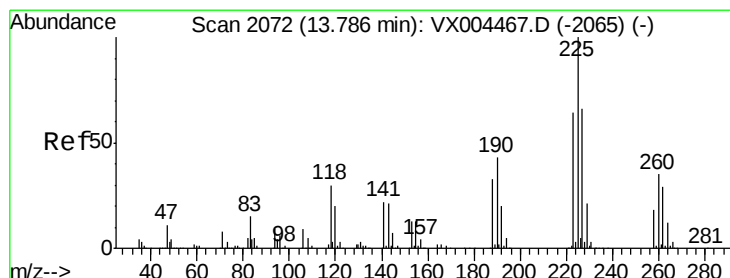
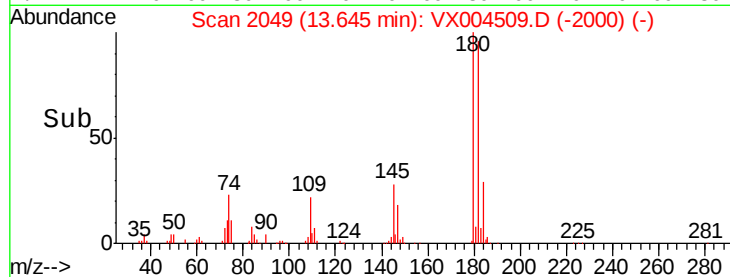
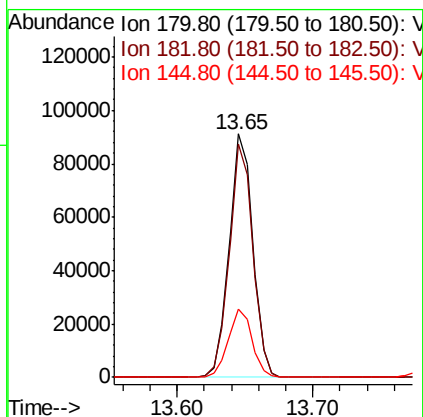
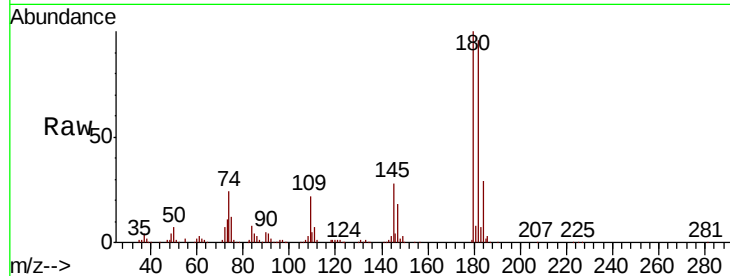




#93
 1,2,4-Trichlorobenzene
 Concen: 21.02 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004509.D
 Acq: 13 Sep 2018 12:07

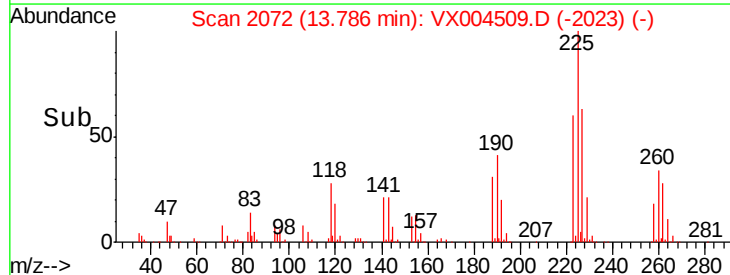
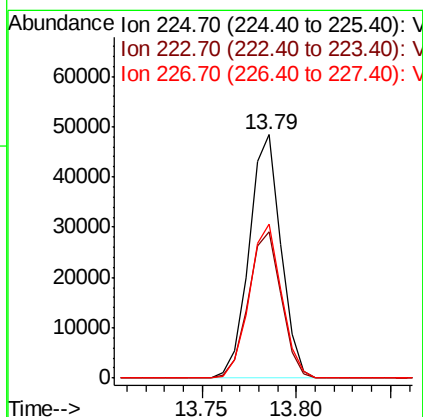
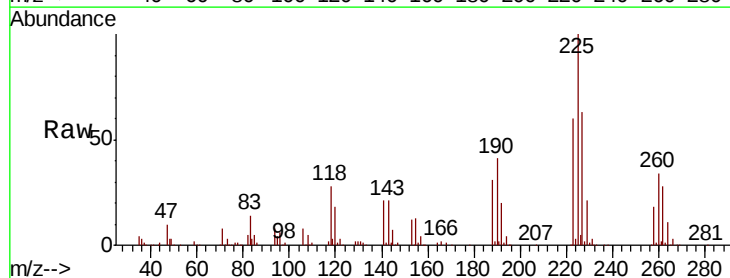
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBS01

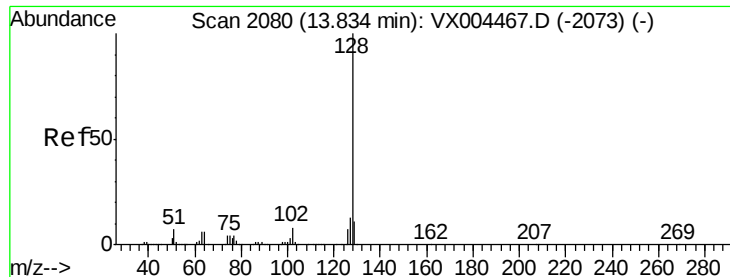
Tot Ion:180 Resp: 109934
 Ion Ratio Lower Upper
 180 100
 182 95.7 48.4 145.0
 145 28.2 14.3 42.9



#94
 Hexachlorobutadiene
 Concen: 20.74 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004509.D
 Acq: 13 Sep 2018 12:07

Tgt Ion:225 Resp: 56674
 Ion Ratio Lower Upper
 225 100
 223 62.2 30.1 90.5
 227 63.9 30.8 92.4





#95

Naphthalene

Concen: 20.55 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX004509.D

Acq: 13 Sep 2018 12:07

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBS01

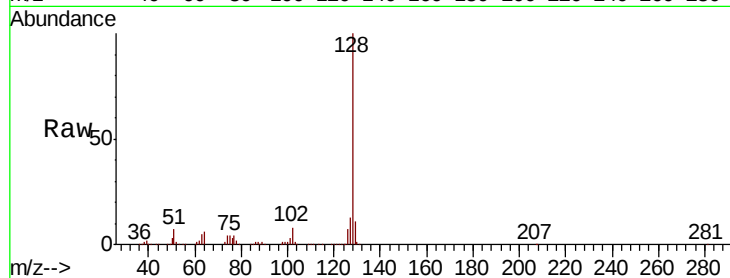
Tot Ion:128 Resp: 301470

Ion Ratio Lower Upper

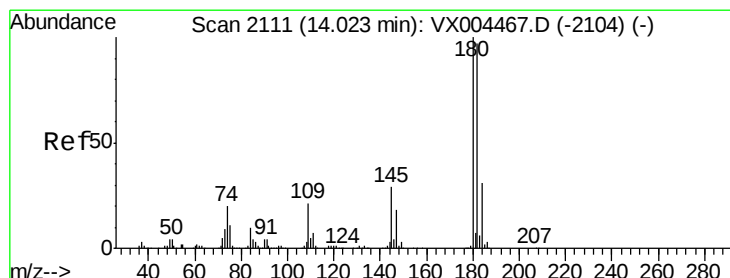
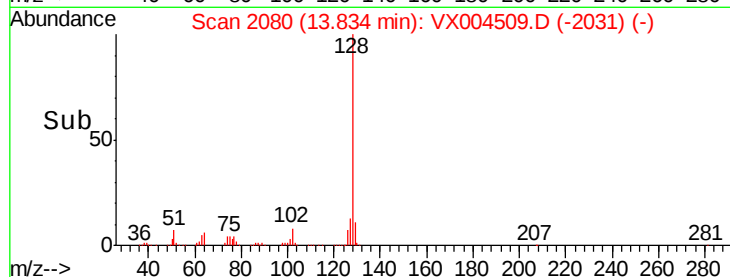
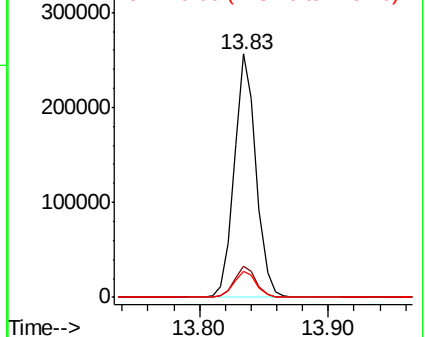
128 100

127 12.9 10.2 15.2

129 10.9 8.6 12.8



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



#96

1,2,3-Trichlorobenzene

Concen: 20.74 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX004509.D

Acq: 13 Sep 2018 12:07

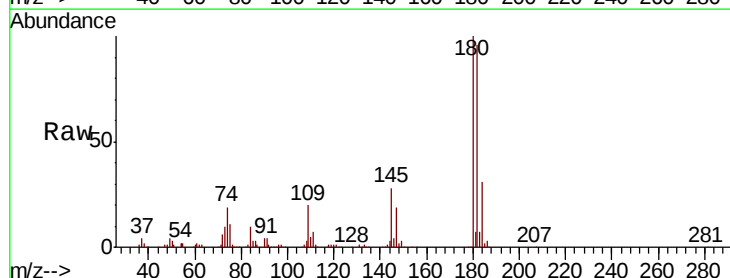
Tgt Ion:180 Resp: 111464

Ion Ratio Lower Upper

180 100

182 94.7 48.5 145.6

145 29.4 14.9 44.9



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

