

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060818\
 Data File : VX002399.D
 Acq On : 08 Jun 2018 13:55
 Operator : JC/MD
 Sample : VX0608WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS02

Quant Time: Jun 09 01:47:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	286543	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	414452	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	397363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	243589	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	204128	49.80	ug/l	0.00
Spiked Amount						
			Recovery	=	99.60%	
35) Dibromofluoromethane	5.51	113	159620	48.97	ug/l	0.00
Spiked Amount						
			Recovery	=	97.94%	
50) Toluene-d8	8.72	98	601237	48.13	ug/l	0.00
Spiked Amount						
			Recovery	=	96.26%	
62) 4-Bromofluorobenzene	11.14	95	225618	46.83	ug/l	0.00
Spiked Amount						
			Recovery	=	93.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	59328	19.92	ug/l	100
3) Chloromethane	1.32	50	66533	17.64	ug/l	99
4) Vinyl Chloride	1.41	62	75714	20.17	ug/l	97
5) Bromomethane	1.64	94	47763	20.51	ug/l	98
6) Chloroethane	1.73	64	51222	21.09	ug/l	99
7) Trichlorofluoromethane	1.93	101	127049	22.21	ug/l	99
8) Diethyl Ether	2.19	74	47517	22.04	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	72449	23.47	ug/l	100
10) Methyl Iodide	2.51	142	67024	15.44	ug/l	99
11) Tert butyl alcohol	3.07	59	92622	98.28	ug/l	98
12) 1,1-Dichloroethene	2.37	96	63857	20.93	ug/l	96
13) Acrolein	2.30	56	44448	103.53	ug/l	100
14) Allyl chloride	2.73	41	125345	18.93	ug/l	97
15) Acrylonitrile	3.15	53	196778	107.31	ug/l	100
16) Acetone	2.45	43	210056	108.33	ug/l	99
17) Carbon Disulfide	2.57	76	141072	17.55	ug/l	99
18) Methyl Acetate	2.78	43	94735	21.54	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	240914	21.31	ug/l	100
20) Methylene Chloride	2.86	84	72586	20.79	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	68154	20.26	ug/l	99
22) Diisopropyl ether	3.87	45	223749	19.32	ug/l	95
23) Vinyl Acetate	3.83	43	971551	90.53	ug/l	100
24) 1,1-Dichloroethane	3.70	63	134416	20.54	ug/l	99
25) 2-Butanone	4.71	43	261379	93.03	ug/l	97
26) 2,2-Dichloropropane	4.59	77	93660	18.31	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	68887	18.83	ug/l	95
28) Bromochloromethane	5.02	49	64589	21.16	ug/l	99
29) Tetrahydrofuran	5.17	42	164494	90.81	ug/l	98
30) Chloroform	5.22	83	120653	19.11	ug/l	99
31) Cyclohexane	5.58	56	103207	19.95	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	104843	19.58	ug/l	99
36) 1,1-Dichloropropene	5.80	75	85886	19.71	ug/l	100
37) Ethyl Acetate	4.87	43	100948	19.27	ug/l	100
38) Carbon Tetrachloride	5.79	117	89960	19.74	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060818\
 Data File : VX002399.D
 Acq On : 08 Jun 2018 13:55
 Operator : JC/MD
 Sample : VX0608WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS02

Quant Time: Jun 09 01:47:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	106317	19.91	ug/l	98
40) Benzene	6.15	78	264127	19.77	ug/l	99
41) Methacrylonitrile	5.06	41	55787	18.60	ug/l	97
42) 1,2-Dichloroethane	6.20	62	103849	19.57	ug/l	99
43) Isopropyl Acetate	6.47	43	165569	18.60	ug/l	100
44) Trichloroethene	7.22	130	72204	19.47	ug/l	98
45) 1,2-Dichloropropane	7.52	63	68676	19.04	ug/l	98
46) Dibromomethane	7.67	93	46553	19.04	ug/l	98
47) Bromodichloromethane	7.90	83	83293	18.84	ug/l	99
48) Methyl methacrylate	7.78	41	85313	19.08	ug/l	99
49) 1,4-Dioxane	7.76	88	32518	389.02	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	542768	97.93	ug/l	99
52) Toluene	8.79	92	172233	20.27	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	99483	18.76	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	91473	18.28	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	70066	20.05	ug/l	98
56) Ethyl methacrylate	9.18	69	107445	19.26	ug/l	99
57) 1,3-Dichloropropane	9.38	76	113480	19.36	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	282330	109.33	ug/l	100
59) 2-Hexanone	9.50	43	425851	99.47	ug/l	100
60) Dibromochloromethane	9.59	129	66263	18.85	ug/l	99
61) 1,2-Dibromoethane	9.68	107	72102	19.79	ug/l	99
64) Tetrachloroethene	9.34	164	80059	19.54	ug/l	98
65) Chlorobenzene	10.14	112	194558	19.68	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	69077	19.29	ug/l	100
67) Ethyl Benzene	10.26	91	337684	20.41	ug/l	99
68) m/p-Xylenes	10.37	106	257131	39.98	ug/l	100
69) o-Xylene	10.70	106	128273	20.04	ug/l	98
70) Styrene	10.71	104	208163	19.89	ug/l	99
71) Bromoform	10.86	173	49134	17.72	ug/l #	100
73) Isopropylbenzene	11.02	105	348342	20.56	ug/l	100
74) N-amyl acetate	6.47	43	165569	18.13	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	103637	19.45	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	116442	21.79	ug/l	81
77) Bromobenzene	11.26	156	92669	19.48	ug/l	99
78) n-propylbenzene	11.37	91	388806	20.64	ug/l	100
79) 2-Chlorotoluene	11.43	91	232561	19.56	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	291628	20.06	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	25139	16.49	ug/l	92
82) 4-Chlorotoluene	11.51	91	273312	19.91	ug/l	100
83) tert-Butylbenzene	11.77	119	291632	20.61	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	302127	20.19	ug/l	100
85) sec-Butylbenzene	11.95	105	356431	21.48	ug/l	100
86) p-Isopropyltoluene	12.07	119	318767	21.09	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	167007	19.63	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	171612	19.57	ug/l	99
89) n-Butylbenzene	12.39	91	270946	21.38	ug/l	99
90) Hexachloroethane	12.60	117	44358	18.39	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	172168	19.56	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	22292	19.13	ug/l	98

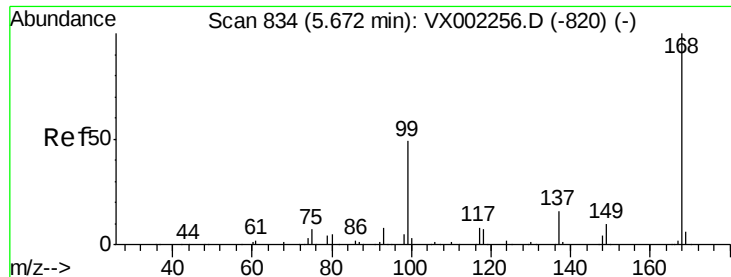
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060818\
Data File : VX002399.D
Acq On : 08 Jun 2018 13:55
Operator : JC/MD
Sample : VX0608WBS02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS02

Quant Time: Jun 09 01:47:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	123295	19.98	ug/l	99
94) Hexachlorobutadiene	13.79	225	65975	21.64	ug/l	100
95) Naphthalene	13.84	128	356034	20.08	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	126791	20.15	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA_X

ClientSampleId :

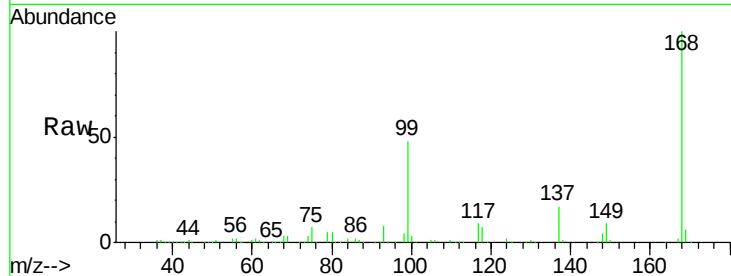
VX0608WBS02

Tot Ion:168 Resp: 286543

Ion Ratio Lower Upper

168 100

99 48.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

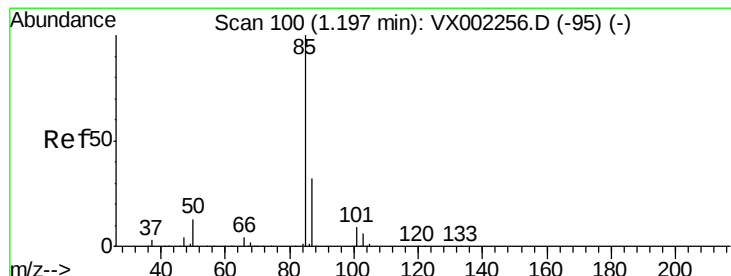
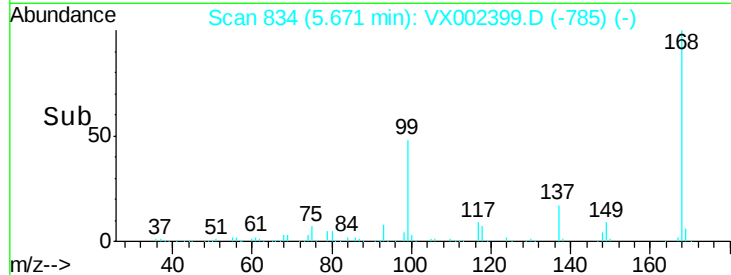
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.92 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002399.D

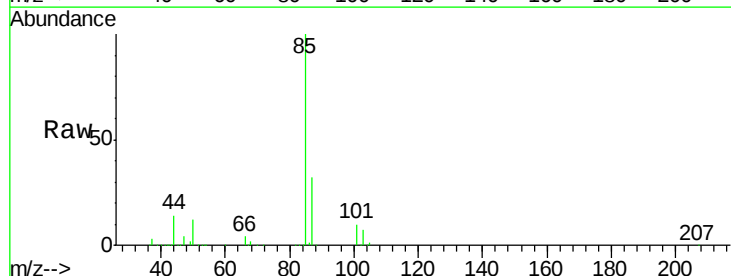
Acq: 08 Jun 2018 13:55

Tgt Ion: 85 Resp: 59328

Ion Ratio Lower Upper

85 100

87 31.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

60000

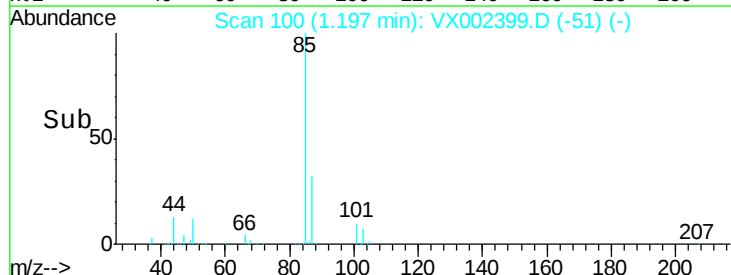
40000

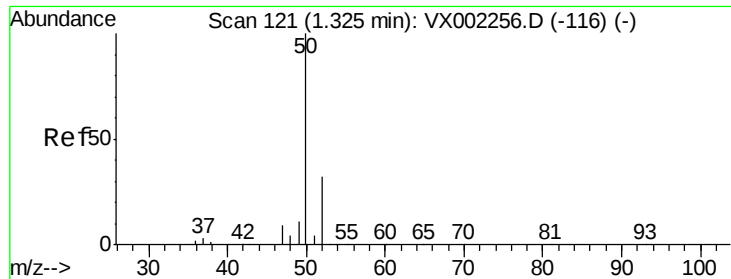
20000

0

1.15 1.20 1.25 1.30

Time-->

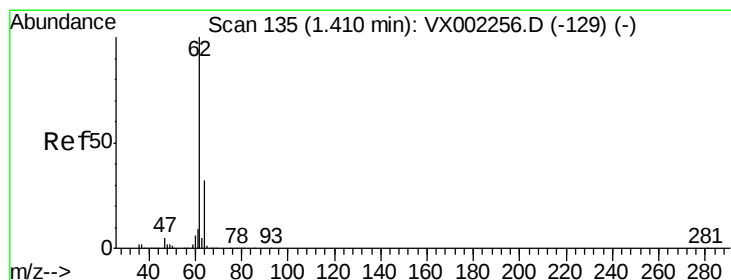
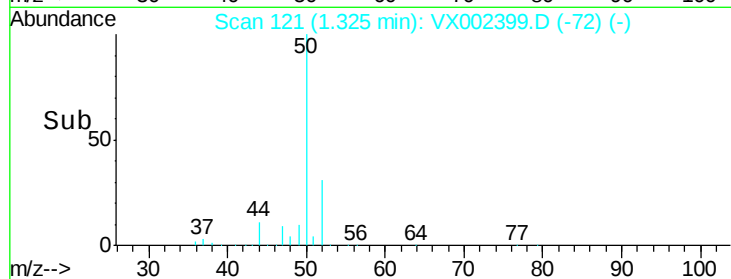
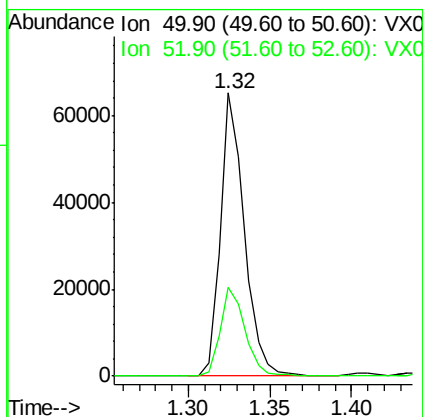
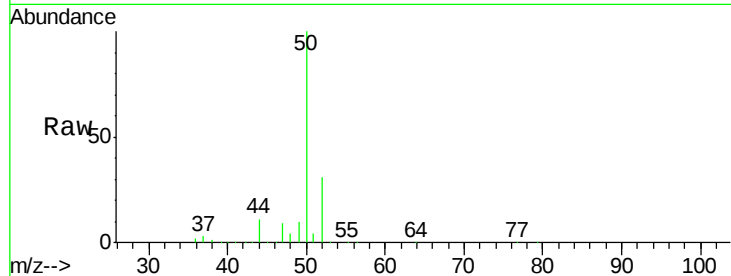




#3
Chloromethane
Concen: 17.64 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002399.D
Acq: 08 Jun 2018 13:55

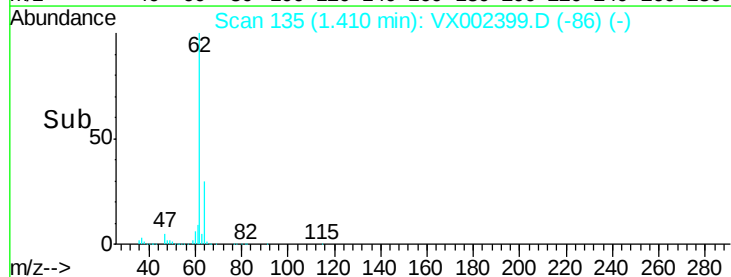
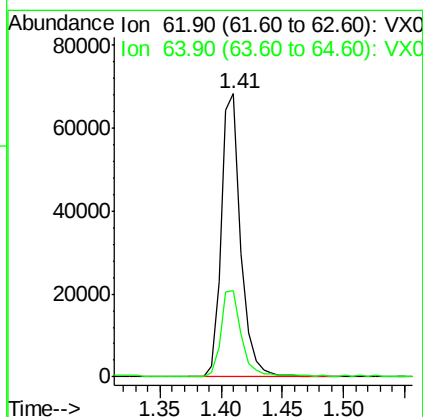
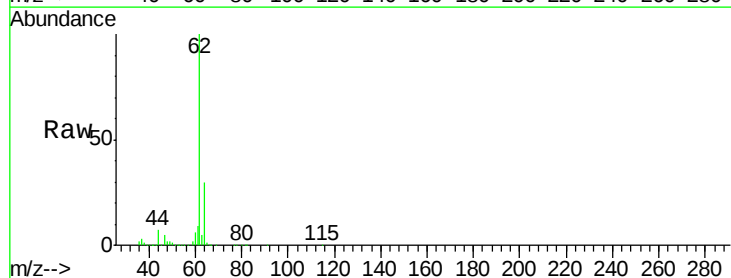
Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS02

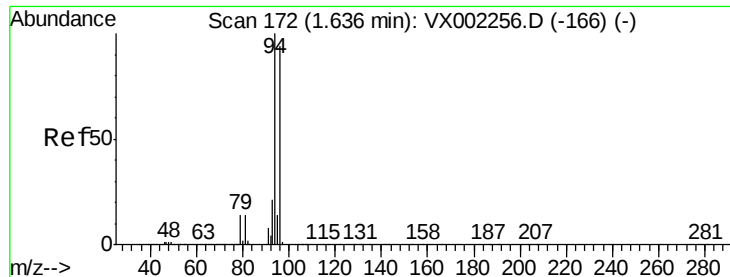
Tot Ion: 50 Resp: 66533
Ion Ratio Lower Upper
50 100
52 31.3 25.7 38.5



#4
Vinyl Chloride
Concen: 20.17 ug/l
RT: 1.41 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX002399.D
Acq: 08 Jun 2018 13:55

Tgt Ion: 62 Resp: 75714
Ion Ratio Lower Upper
62 100
64 30.0 25.4 38.2





#5

Bromomethane

Concen: 20.51 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA_X

ClientSampleId :

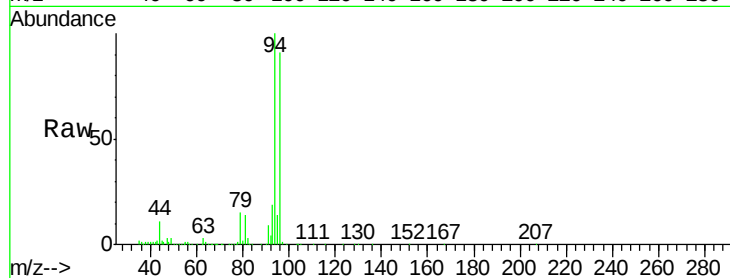
VX0608WBS02

Tot Ion: 94 Resp: 47763

Ion Ratio Lower Upper

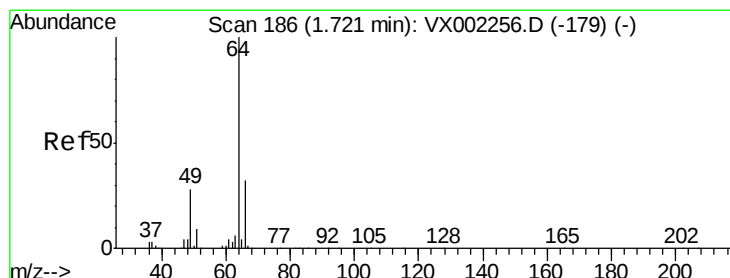
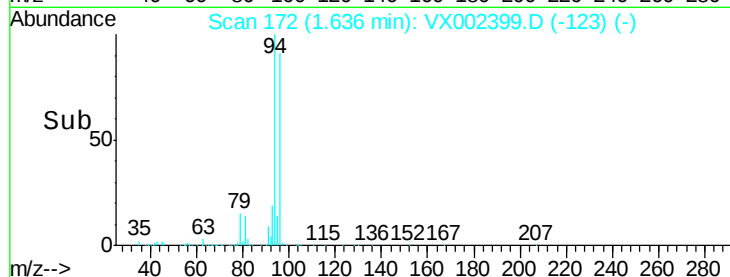
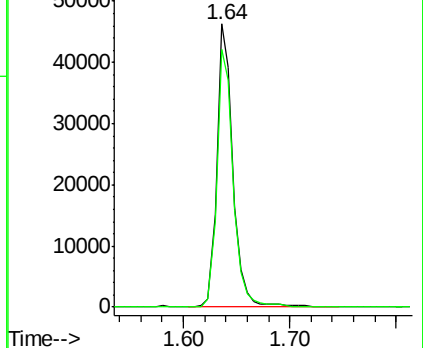
94 100

96 91.3 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.09 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002399.D

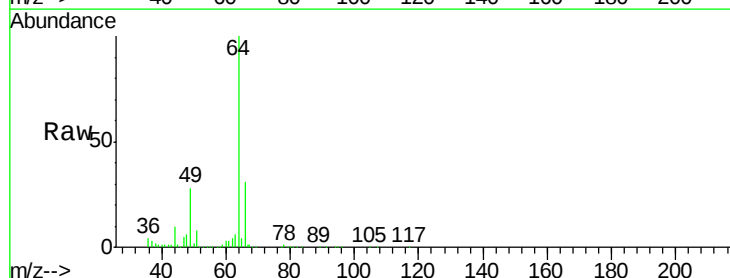
Acq: 08 Jun 2018 13:55

Tgt Ion: 64 Resp: 51222

Ion Ratio Lower Upper

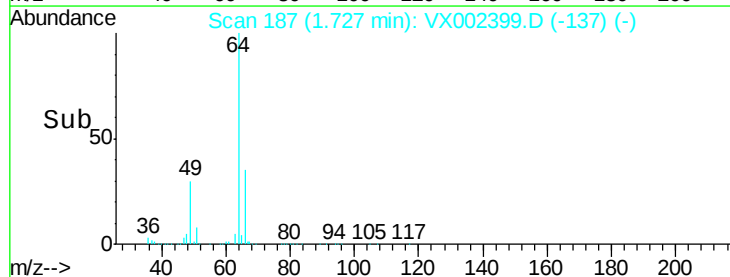
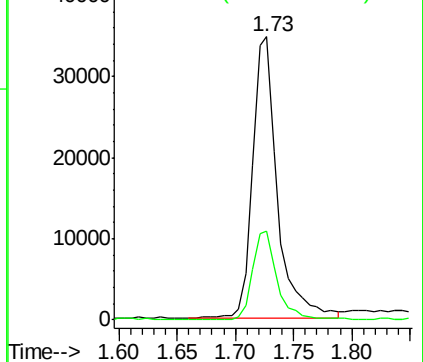
64 100

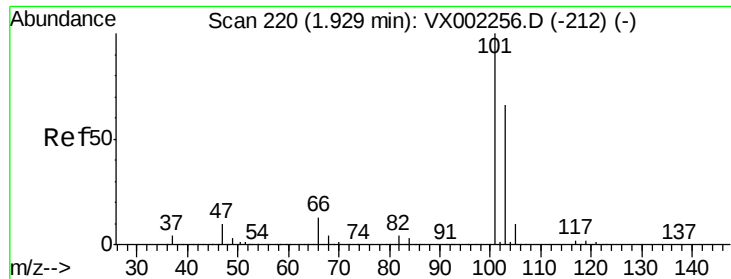
66 31.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



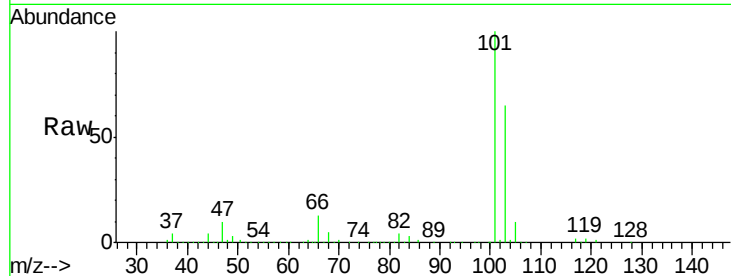


#7

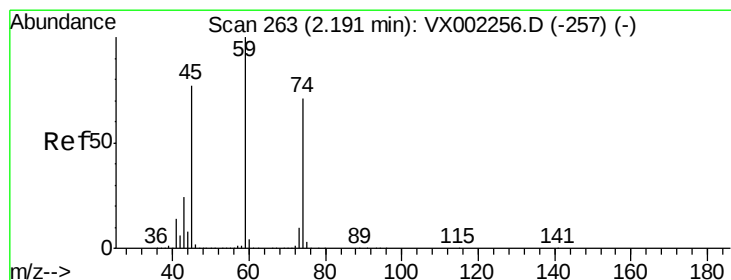
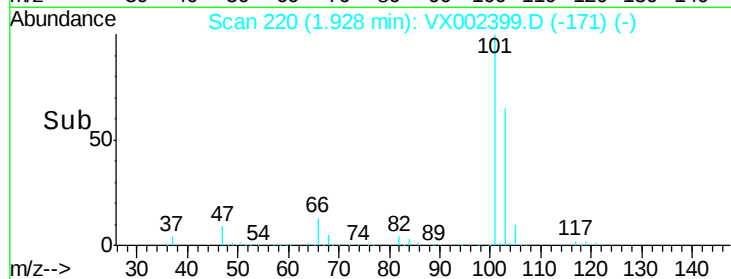
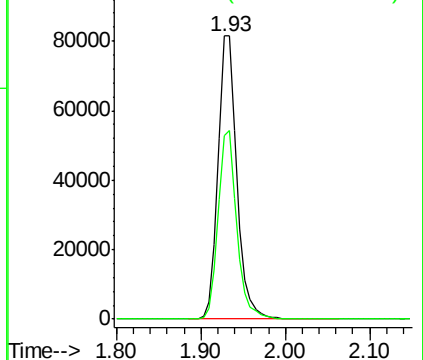
Trichlorofluoromethane
 Concen: 22.21 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX002399.D
 Acq: 08 Jun 2018 13:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS02

Tot Ion:101 Resp: 127049
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.8 79.2



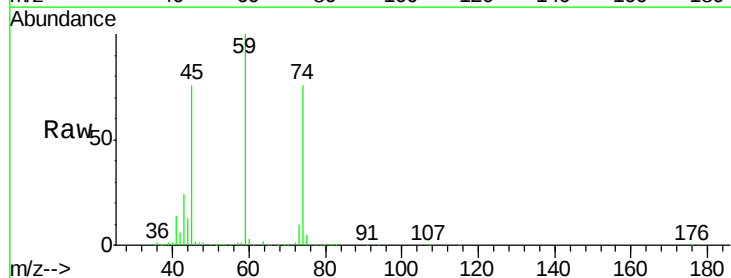
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



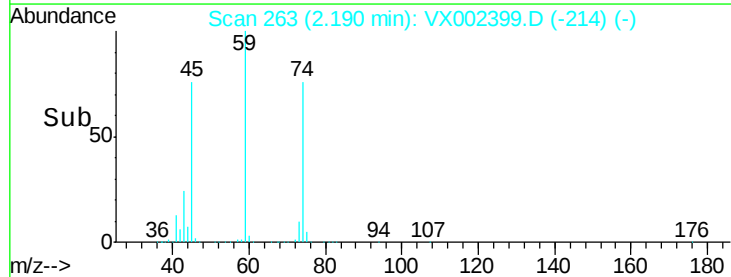
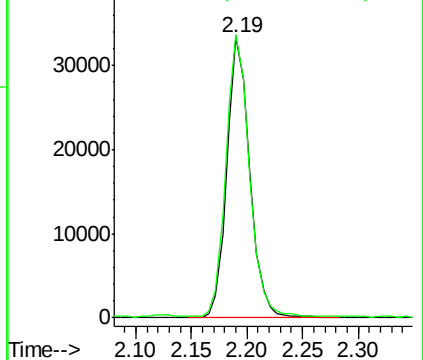
#8

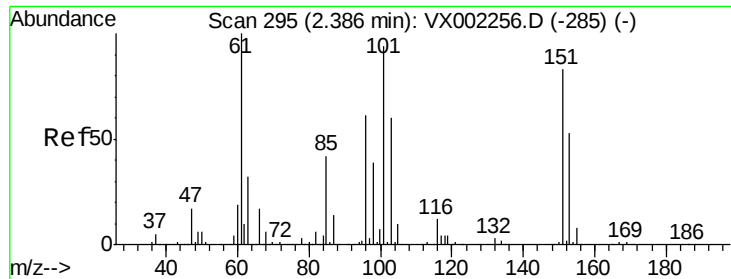
Diethyl Ether
 Concen: 22.04 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002399.D
 Acq: 08 Jun 2018 13:55

Tgt Ion: 74 Resp: 47517
 Ion Ratio Lower Upper
 74 100
 45 102.3 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.47 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS02

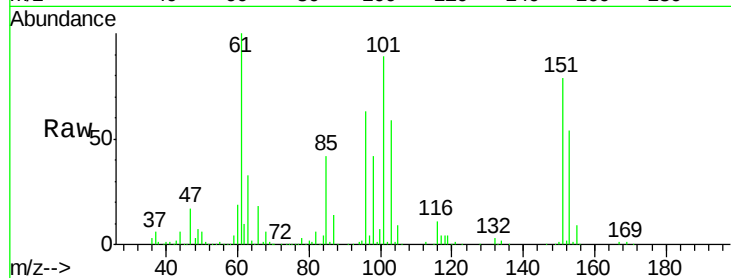
Tot Ion:101 Resp: 72449

Ion Ratio Lower Upper

101 100

85 44.9 36.0 54.0

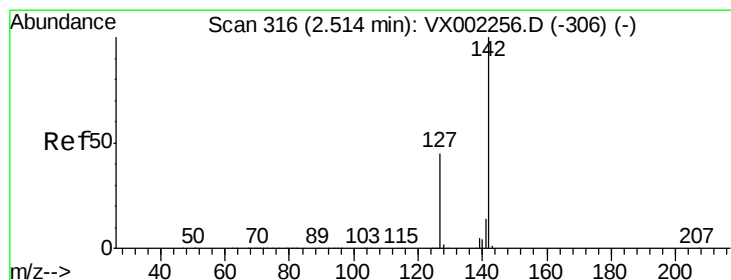
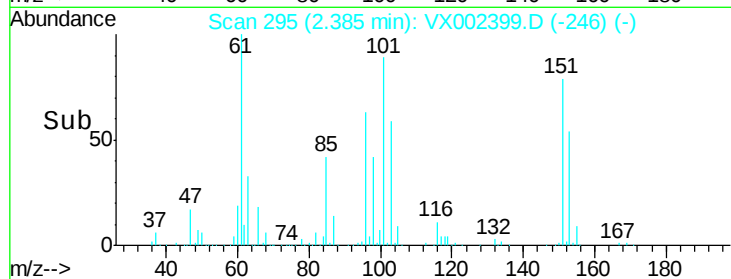
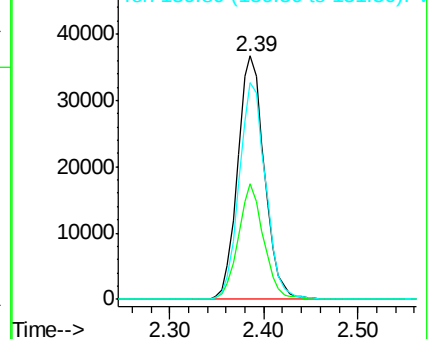
151 88.0 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.44 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

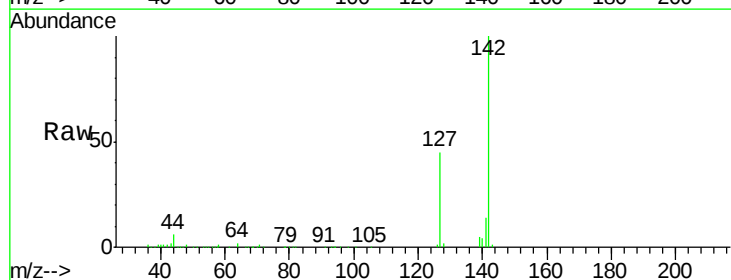
Tgt Ion:142 Resp: 67024

Ion Ratio Lower Upper

142 100

127 46.5 36.6 55.0

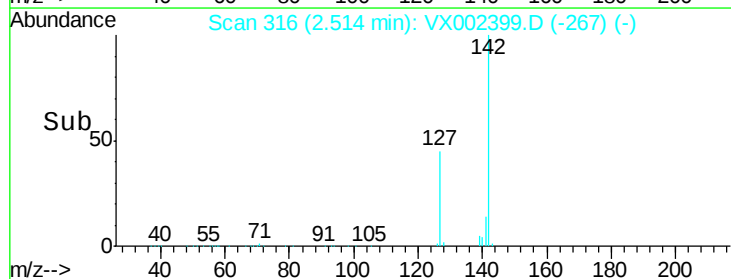
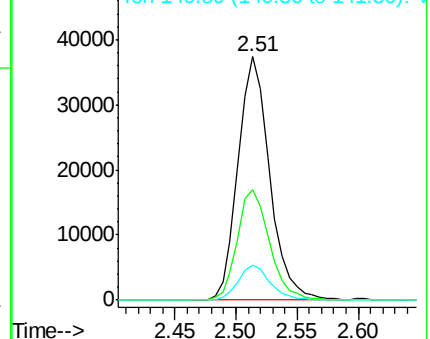
141 14.4 11.3 16.9

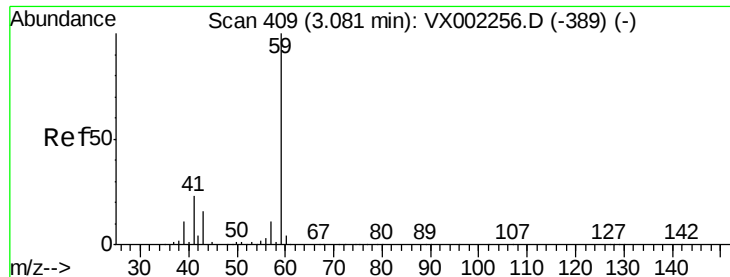


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



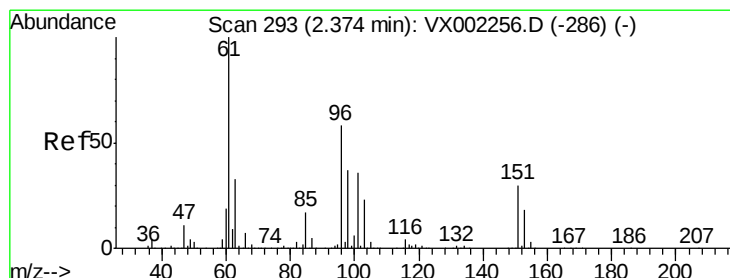
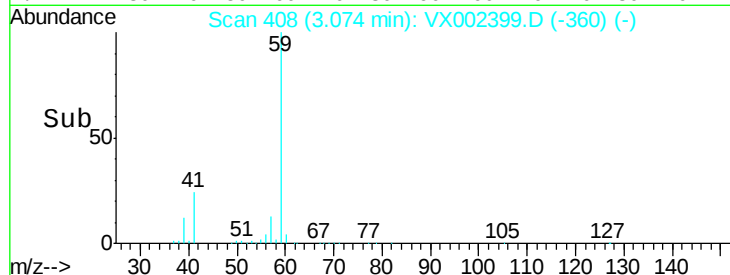
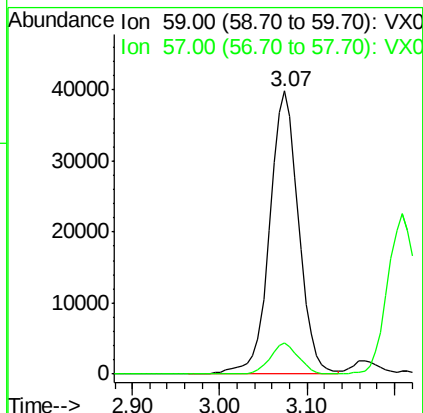
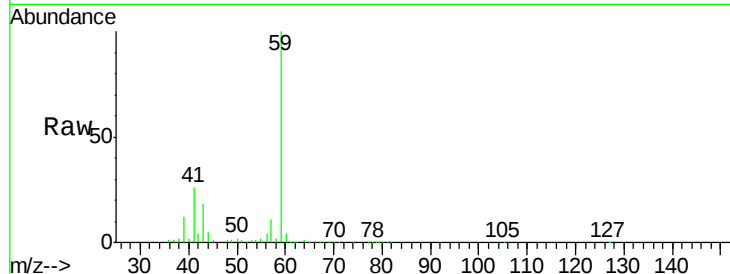


#11

Tert butyl alcohol
 Concen: 98.28 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX002399.D
 Acq: 08 Jun 2018 13:55

Instrument :
 MSVOA_X
 ClientSampled :
 VX0608WBS02

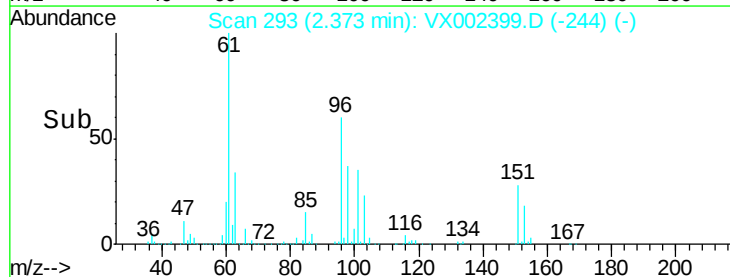
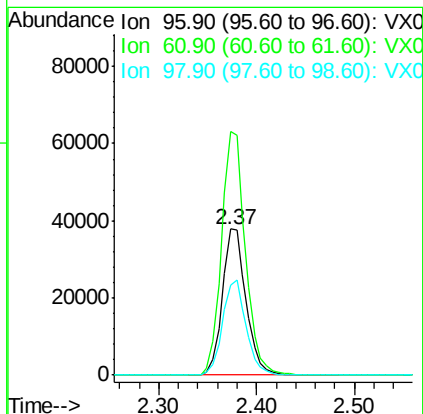
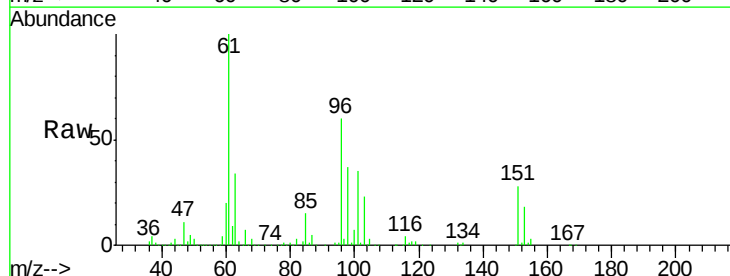
Tot Ion: 59 Resp: 92622
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.2 12.2

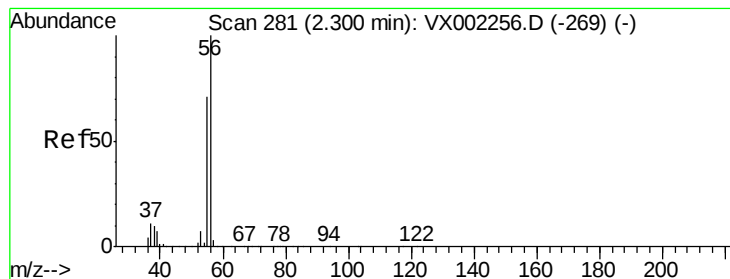


#12

1,1-Dichloroethene
 Concen: 20.93 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX002399.D
 Acq: 08 Jun 2018 13:55

Tgt Ion: 96 Resp: 63857
 Ion Ratio Lower Upper
 96 100
 61 166.4 137.9 206.9
 98 61.8 51.6 77.4





#13

Acrolein

Concen: 103.53 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA_X

ClientSampleId :

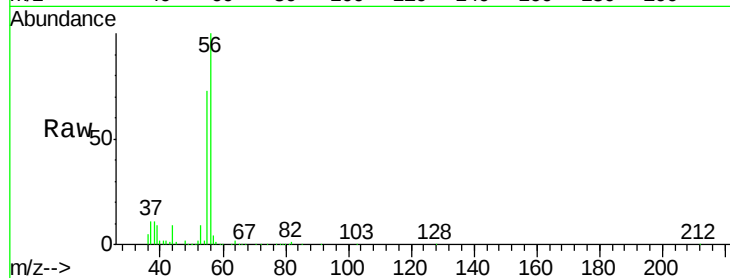
VX0608WBS02

Tot Ion: 56 Resp: 44448

Ion Ratio Lower Upper

56 100

55 71.2 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

25000

20000

15000

10000

5000

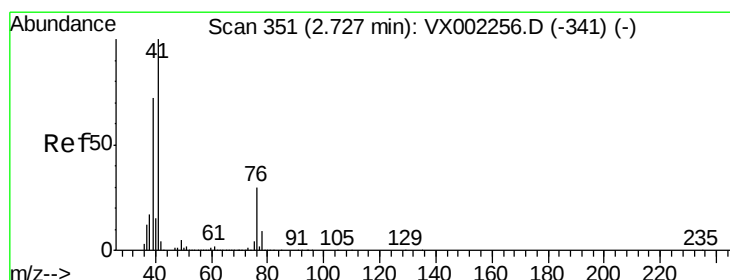
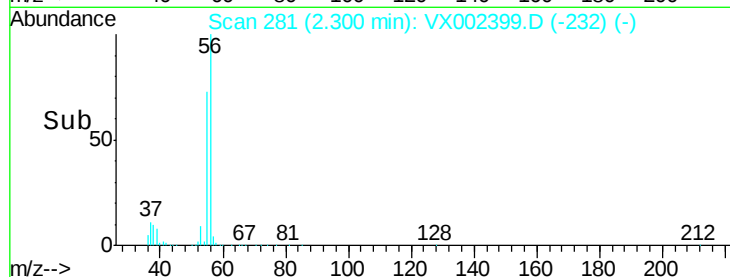
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 18.93 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

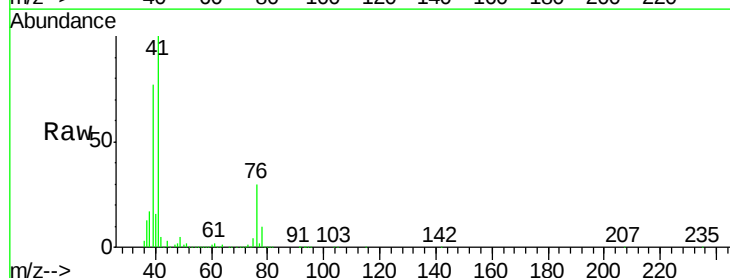
Tgt Ion: 41 Resp: 125345

Ion Ratio Lower Upper

41 100

39 74.1 56.8 85.2

76 30.5 23.8 35.8



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

2.73

80000

60000

40000

20000

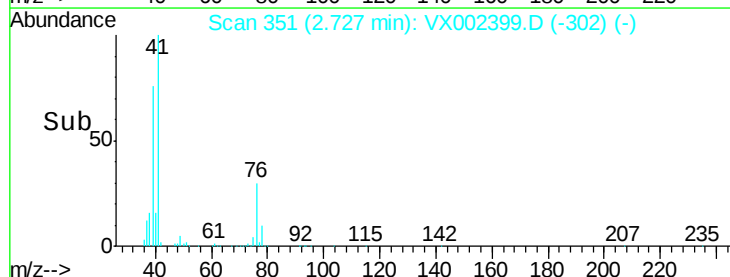
0

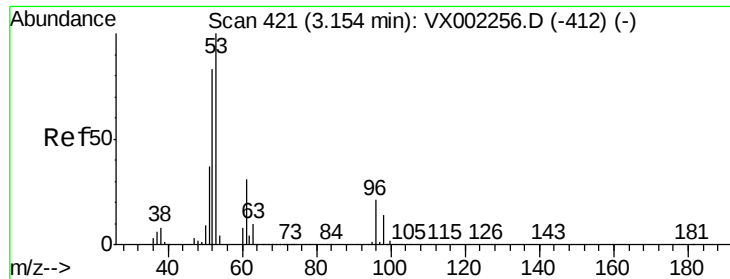
Time-->

2.60

2.70

2.80





#15

Acrylonitrile

Concen: 107.31 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS02

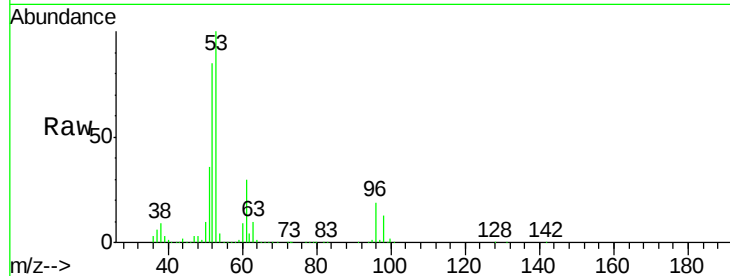
Tot Ion: 53 Resp: 196778

Ion Ratio Lower Upper

53 100

52 83.6 66.7 100.1

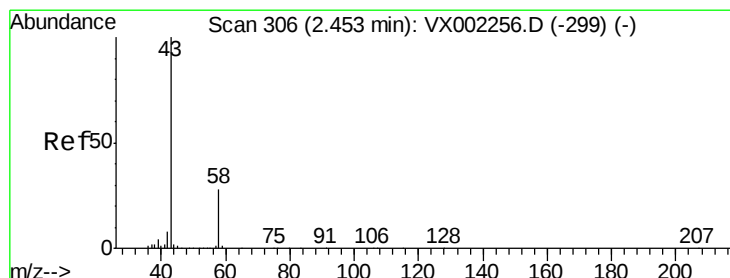
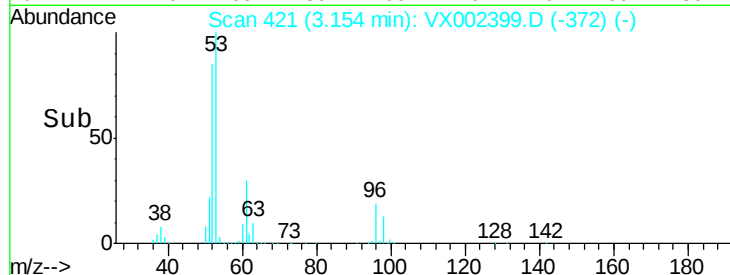
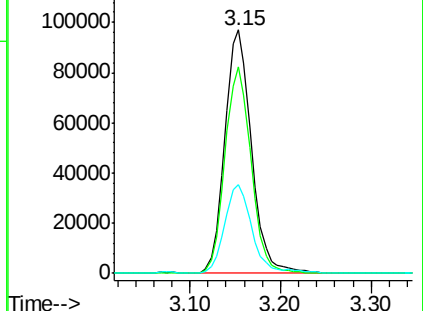
51 37.5 29.9 44.9



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: 108.33 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002399.D

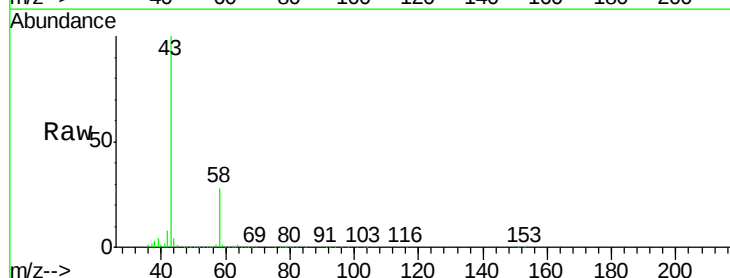
Acq: 08 Jun 2018 13:55

Tgt Ion: 43 Resp: 210056

Ion Ratio Lower Upper

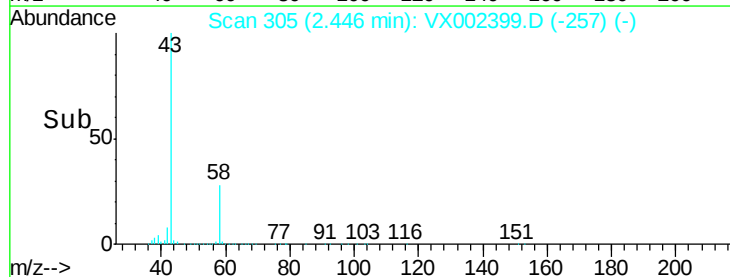
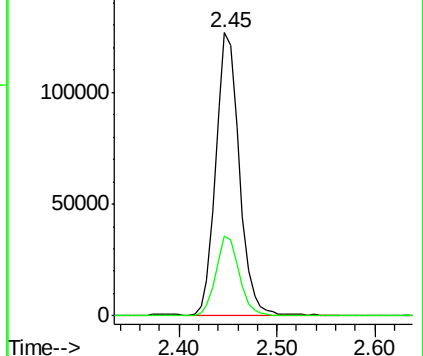
43 100

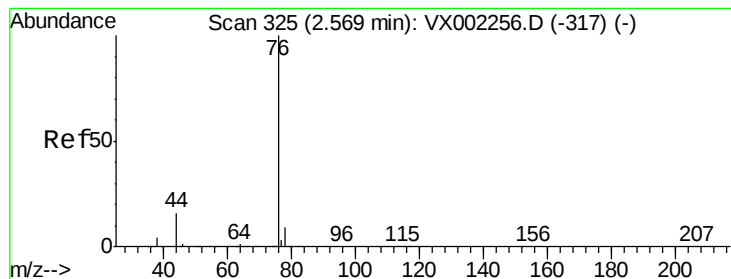
58 28.1 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.55 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA_X

ClientSampleId :

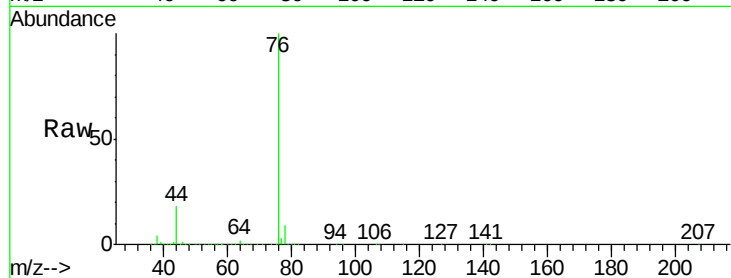
VX0608WBS02

Tot Ion: 76 Resp: 141072

Ion Ratio Lower Upper

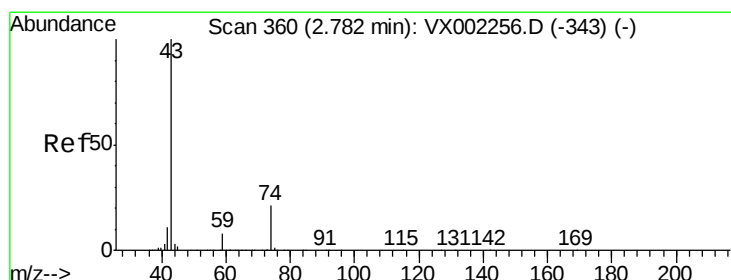
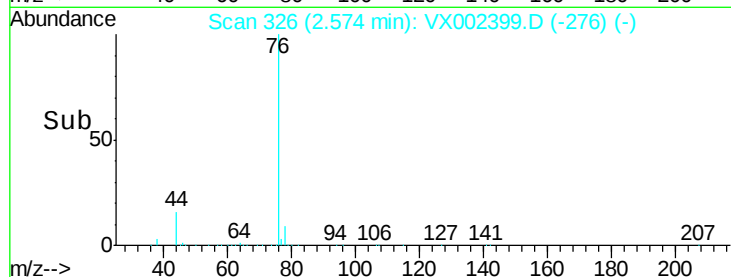
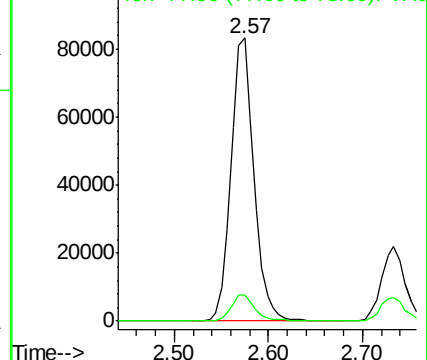
76 100

78 8.9 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.54 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002399.D

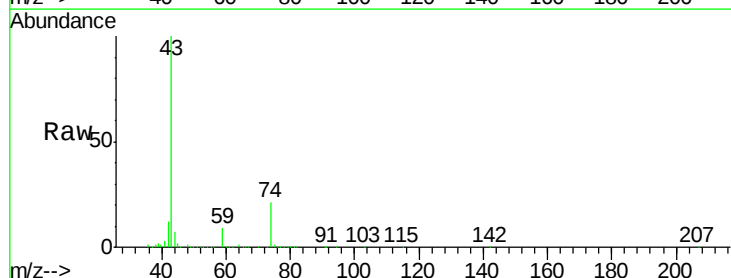
Acq: 08 Jun 2018 13:55

Tgt Ion: 43 Resp: 94735

Ion Ratio Lower Upper

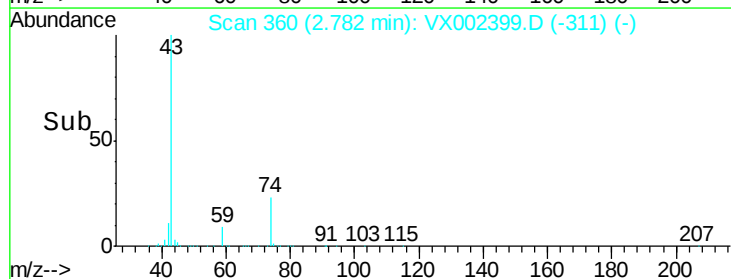
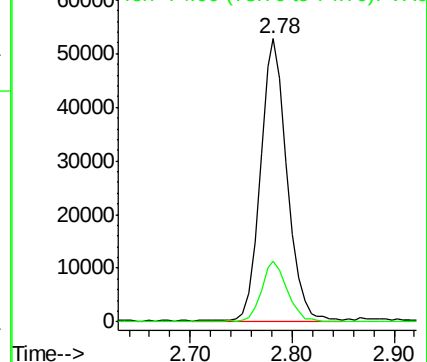
43 100

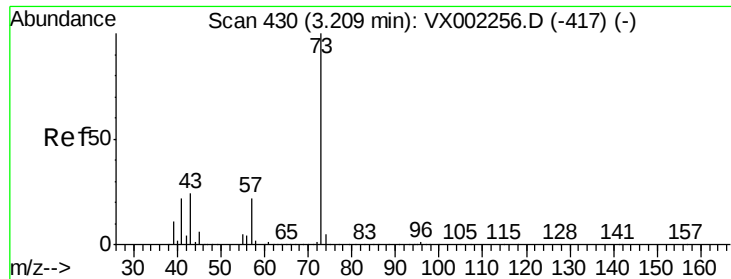
74 21.6 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

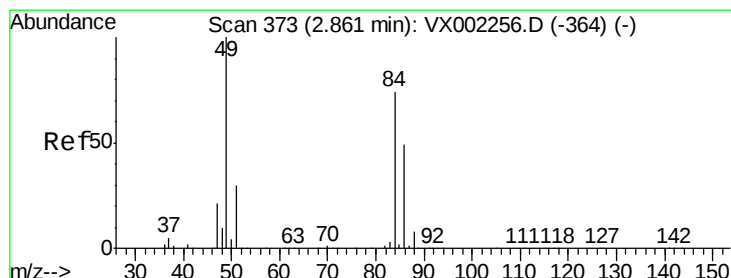
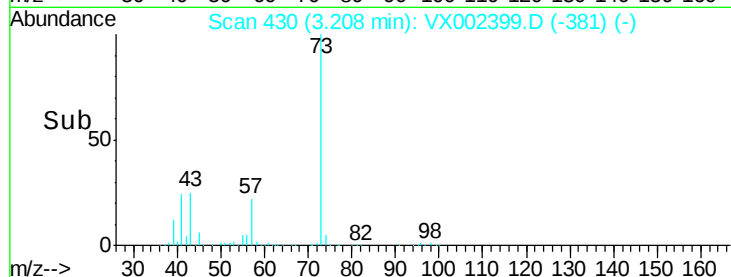
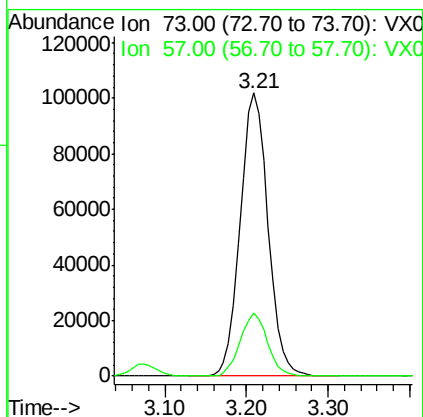
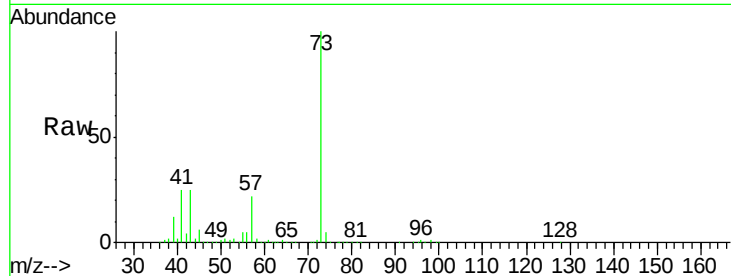




#19
Methyl tert-butyl Ether
Concen: 21.31 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002399.D
Acq: 08 Jun 2018 13:55

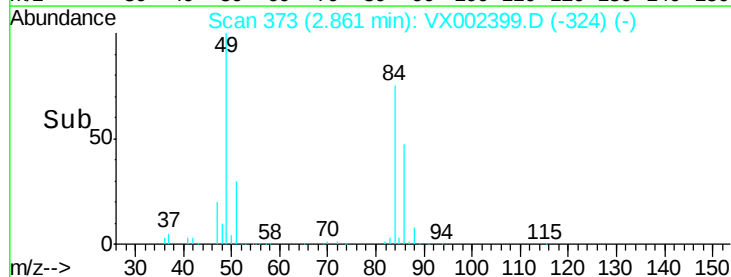
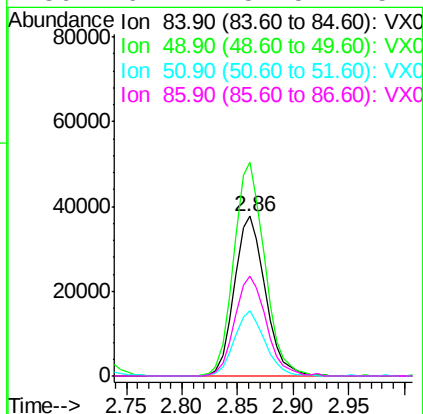
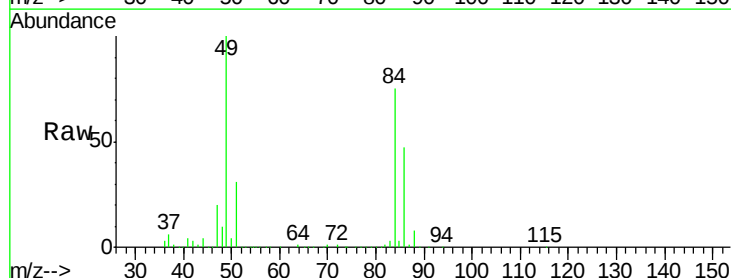
Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS02

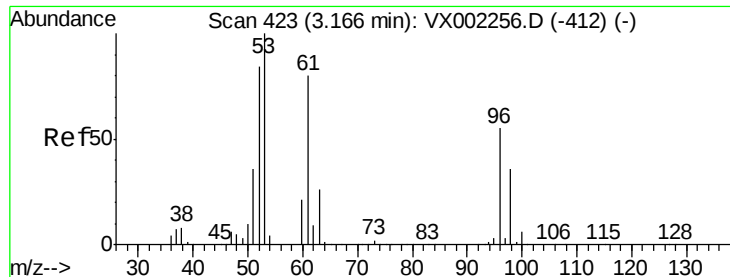
Tot Ion: 73 Resp: 240914
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5



#20
Methylene Chloride
Concen: 20.79 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002399.D
Acq: 08 Jun 2018 13:55

Tgt Ion: 84 Resp: 72586
Ion Ratio Lower Upper
84 100
49 133.6 107.8 161.6
51 40.5 32.8 49.2
86 62.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 20.26 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS02

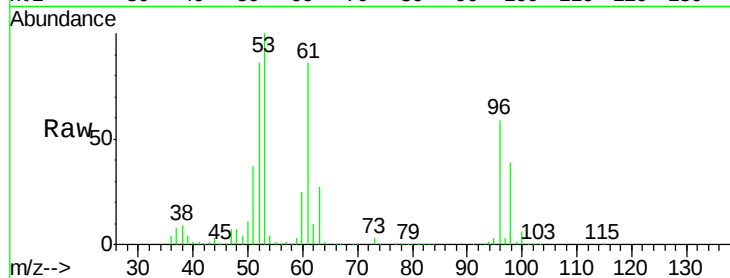
Tot Ion: 96 Resp: 68154

Ion Ratio Lower Upper

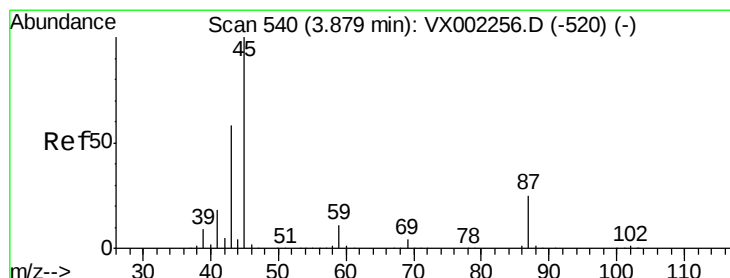
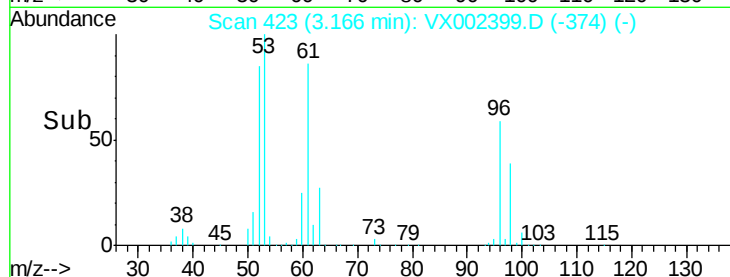
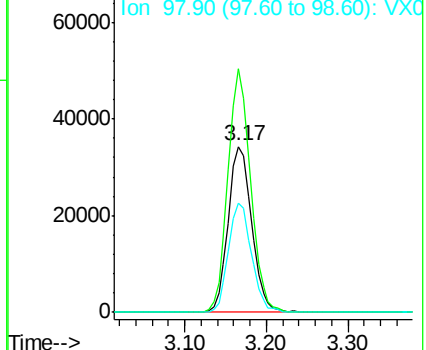
96 100

61 146.8 117.0 175.4

98 65.9 52.4 78.6



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



#22

Diisopropyl ether

Concen: 19.32 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Tgt Ion: 45 Resp: 223749

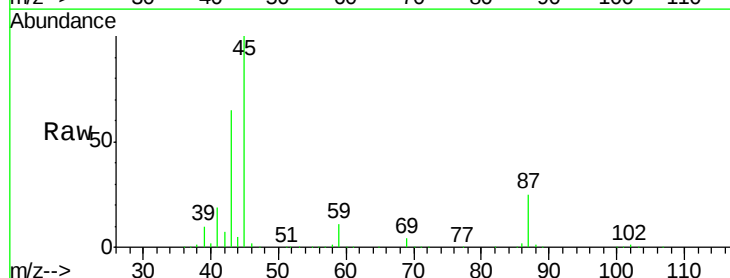
Ion Ratio Lower Upper

45 100

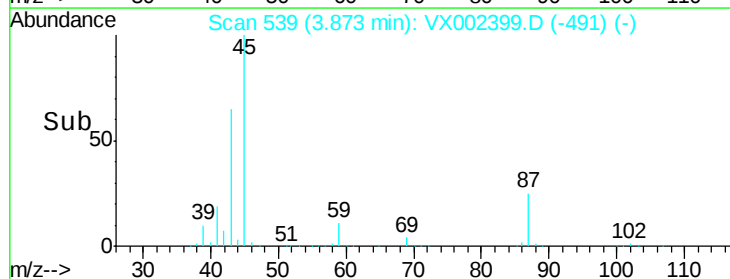
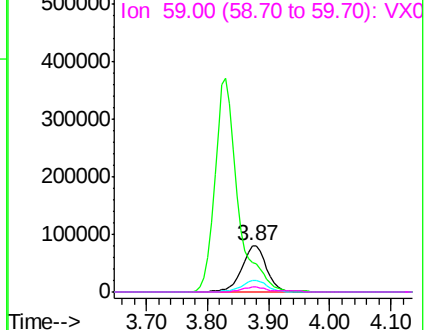
43 64.6 46.8 70.2

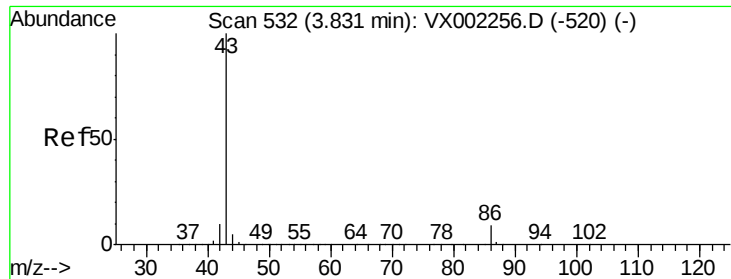
87 25.3 20.2 30.4

59 10.6 8.7 13.1



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 90.53 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA_X

ClientSampleId :

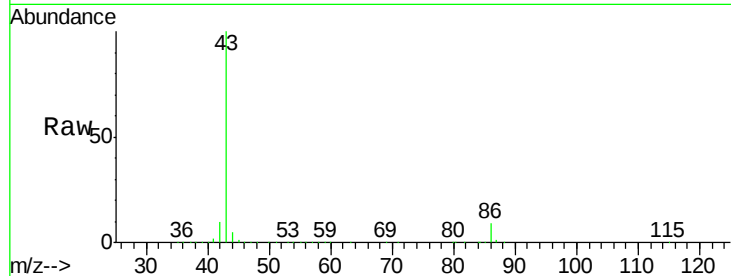
VX0608WBS02

Tot Ion: 43 Resp: 971551

Ion Ratio Lower Upper

43 100

86 9.3 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

400000

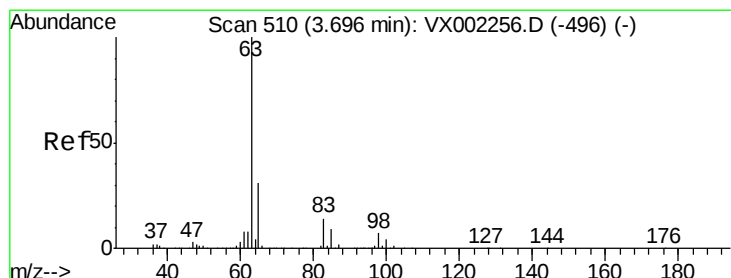
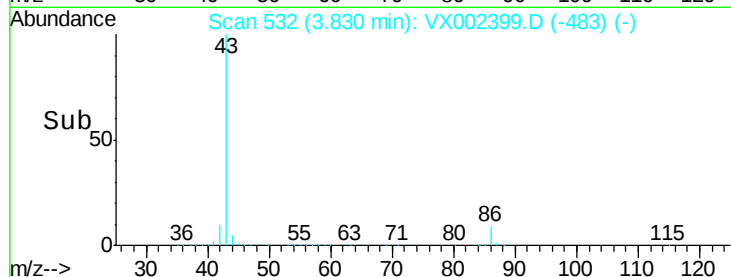
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.54 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

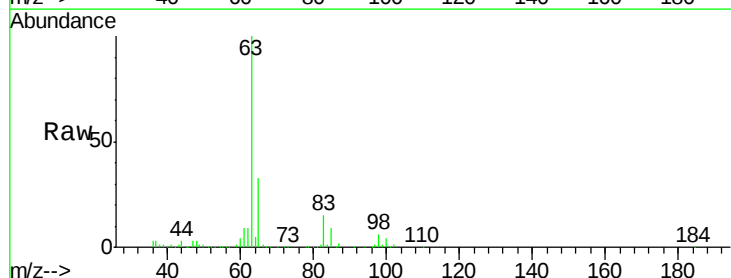
Tgt Ion: 63 Resp: 134416

Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

100 4.5 2.0 6.0



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

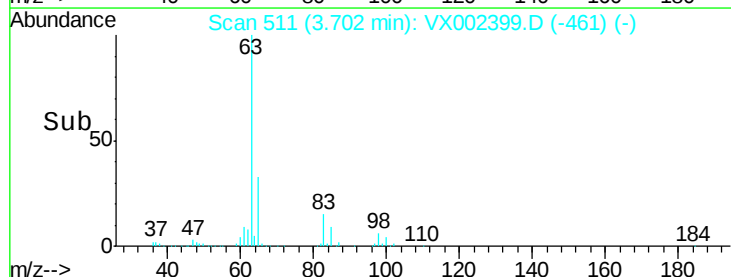
60000

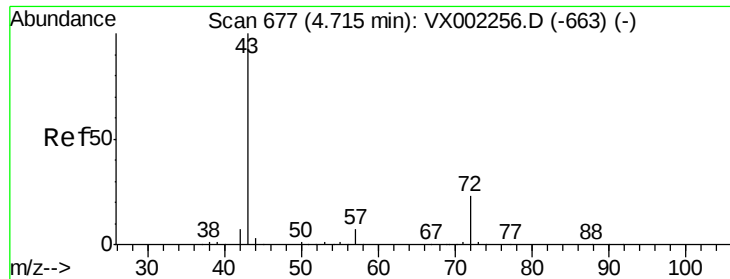
40000

20000

0

Time-->





#25

2-Butanone

Concen: 93.03 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA_X

ClientSampled :

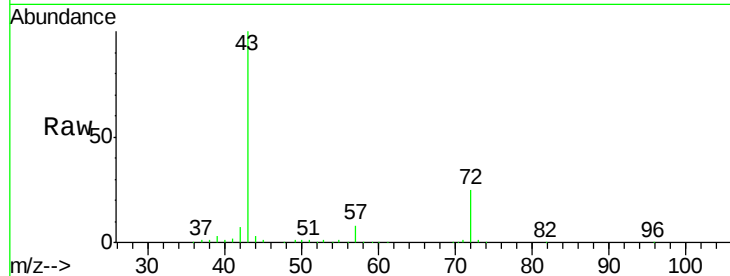
VX0608WBS02

Tot Ion: 43 Resp: 261379

Ion Ratio Lower Upper

43 100

72 24.6 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

100000

80000

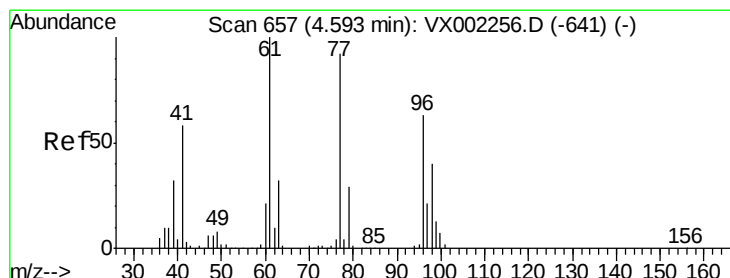
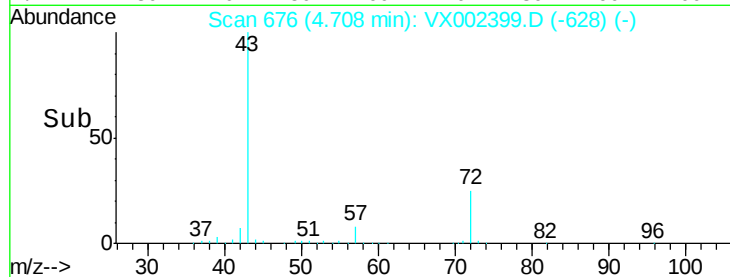
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 18.31 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002399.D

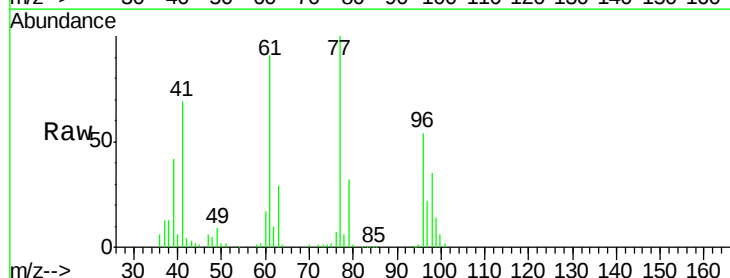
Acq: 08 Jun 2018 13:55

Tgt Ion: 77 Resp: 93660

Ion Ratio Lower Upper

77 100

97 23.1 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

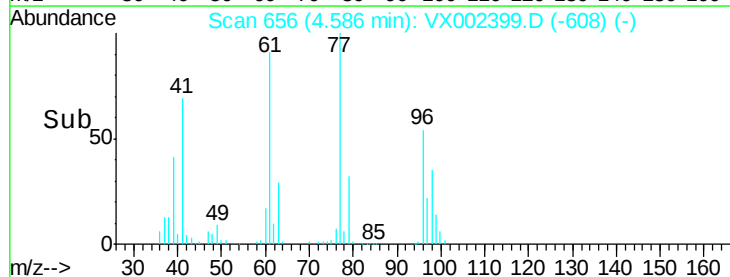
30000

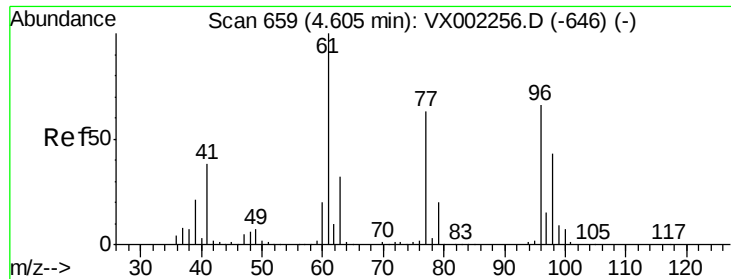
20000

10000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 18.83 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS02

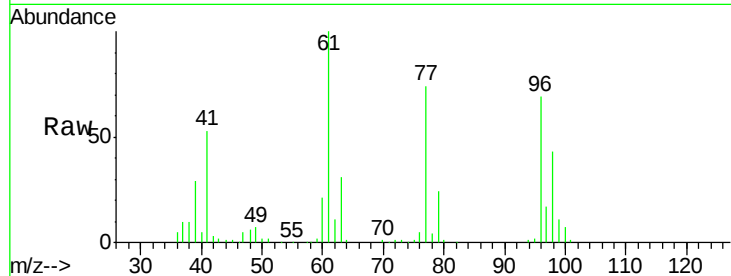
Tot Ion: 96 Resp: 68887

Ion Ratio Lower Upper

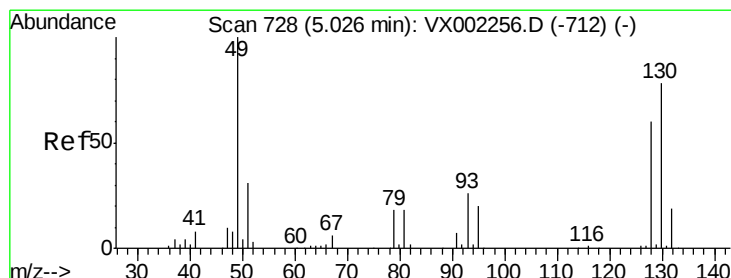
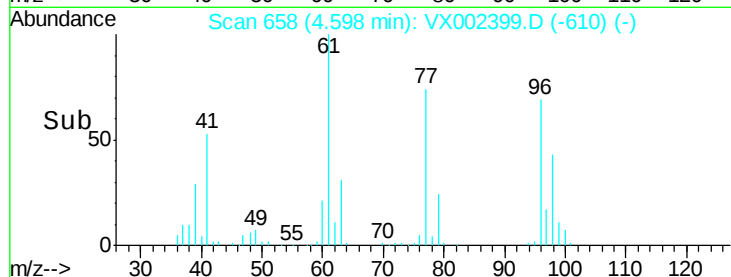
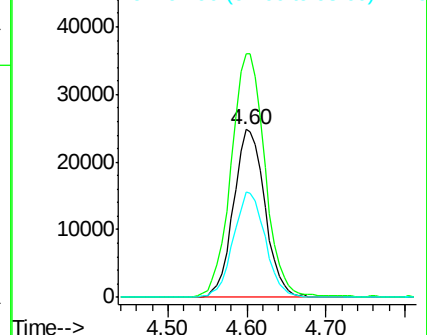
96 100

61 156.1 0.0 330.2

98 63.5 0.0 130.2



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



#28

Bromochloromethane

Concen: 21.16 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

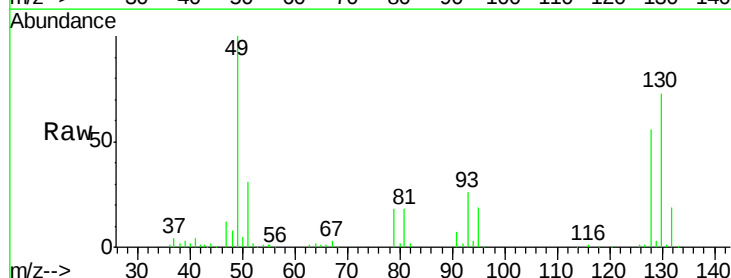
Tgt Ion: 49 Resp: 64589

Ion Ratio Lower Upper

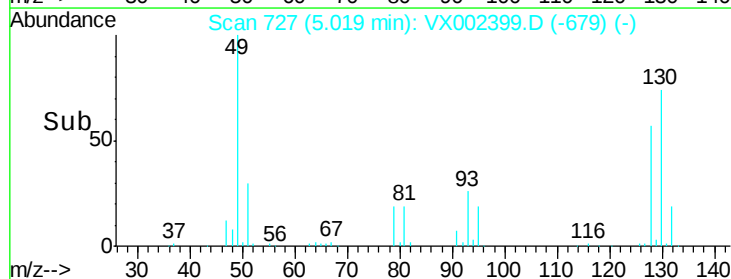
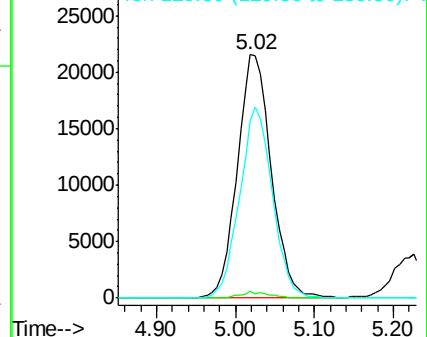
49 100

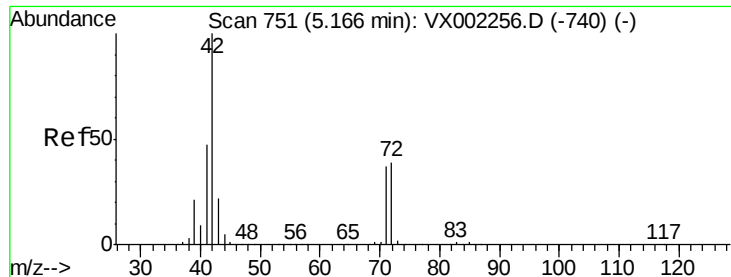
129 2.1 0.0 4.2

130 75.7 61.2 91.8



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

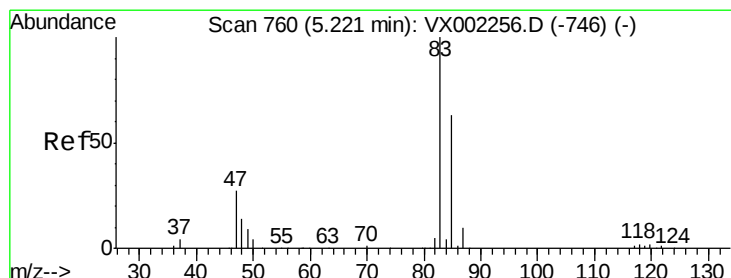
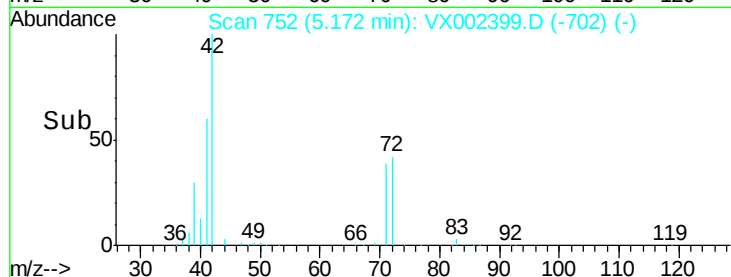
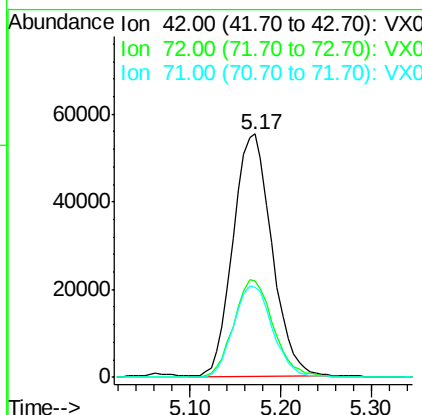
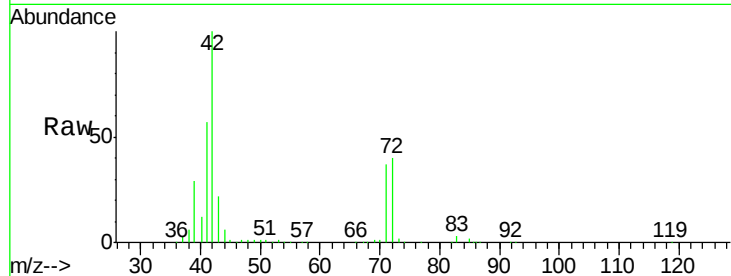




#29
Tetrahydrofuran
Concen: 90.81 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002399.D
Acq: 08 Jun 2018 13:55

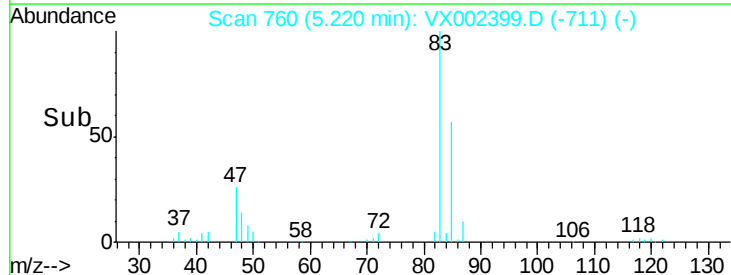
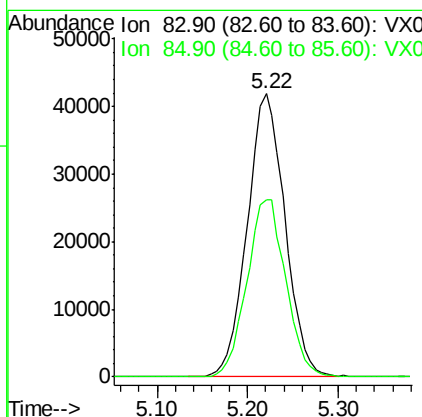
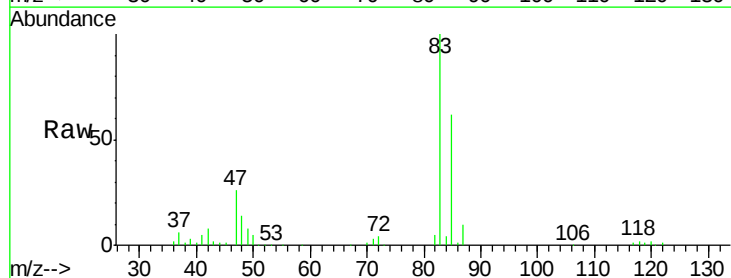
Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS02

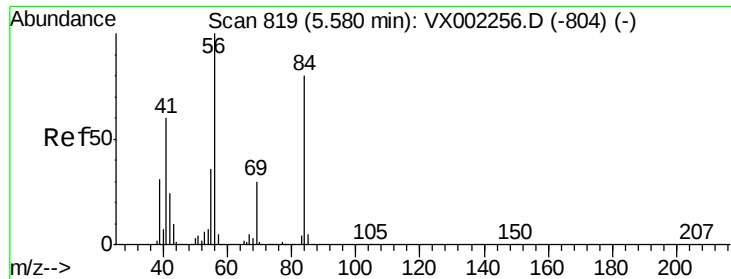
Tot Ion: 42 Resp: 164494
Ion Ratio Lower Upper
42 100
72 41.4 32.0 48.0
71 38.1 30.1 45.1



#30
Chloroform
Concen: 19.11 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002399.D
Acq: 08 Jun 2018 13:55

Tgt Ion: 83 Resp: 120653
Ion Ratio Lower Upper
83 100
85 62.4 50.4 75.6





#31

Cyclohexane

Concen: 19.95 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS02

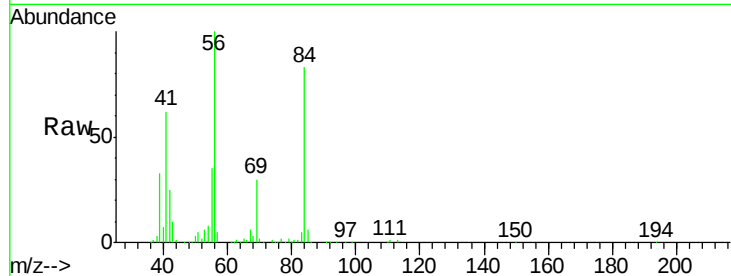
Tot Ion: 56 Resp: 103207

Ion Ratio Lower Upper

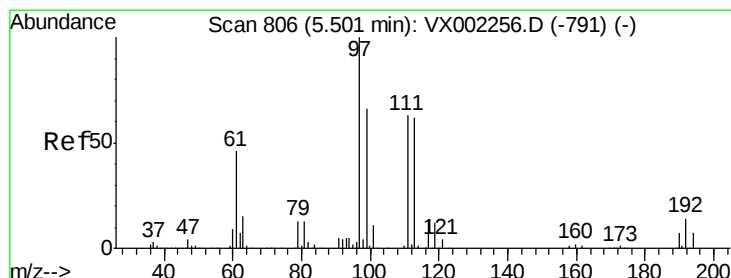
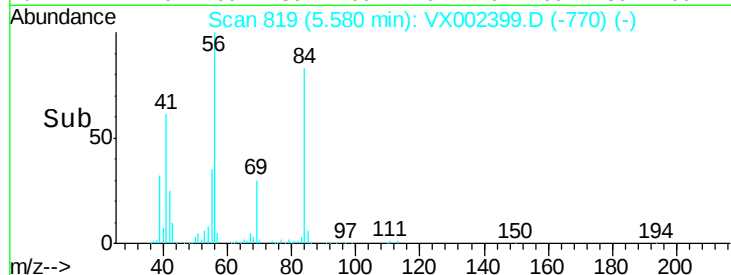
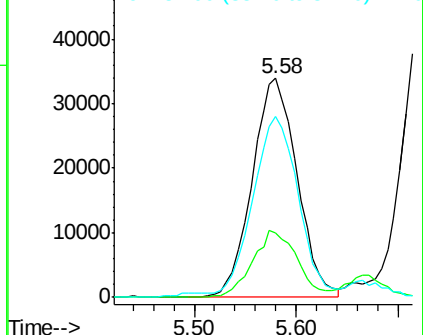
56 100

69 29.6 23.7 35.5

84 80.7 64.1 96.1



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: 19.58 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

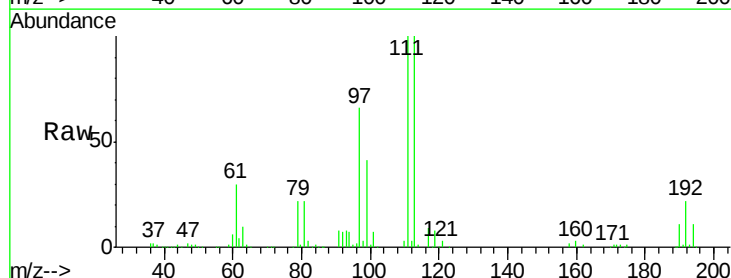
Tgt Ion: 97 Resp: 104843

Ion Ratio Lower Upper

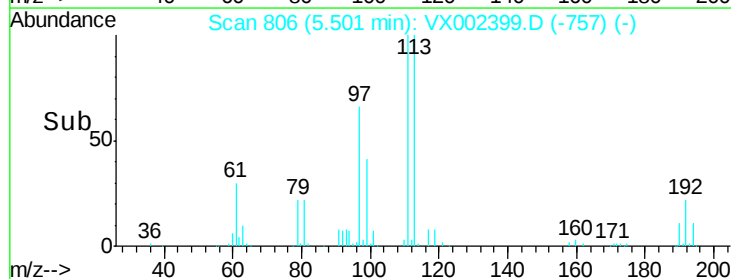
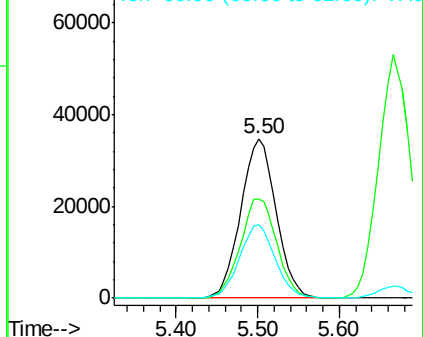
97 100

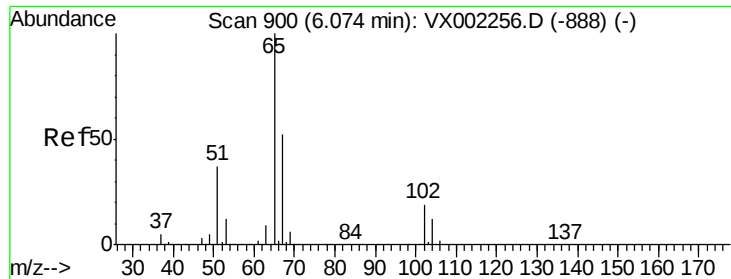
99 64.2 51.6 77.4

61 46.6 36.4 54.6



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

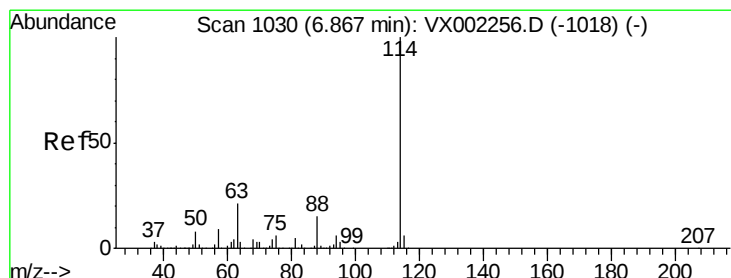
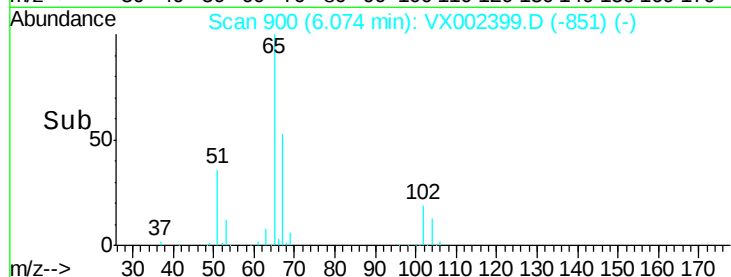
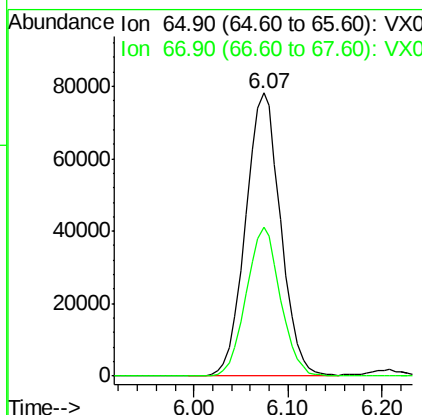
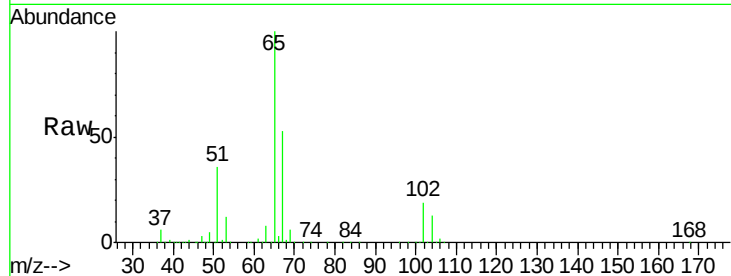




#33
 1,2-Dichloroethane-d4
 Concen: 49.80 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002399.D
 Acq: 08 Jun 2018 13:55

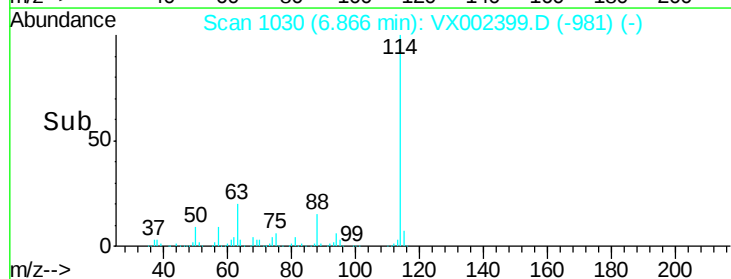
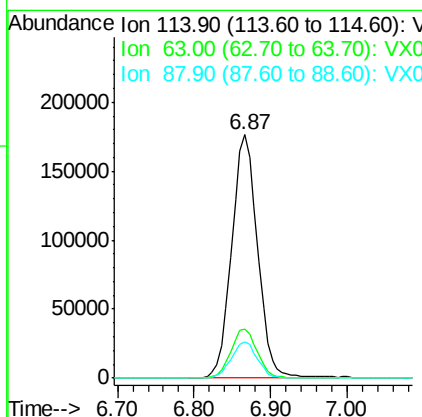
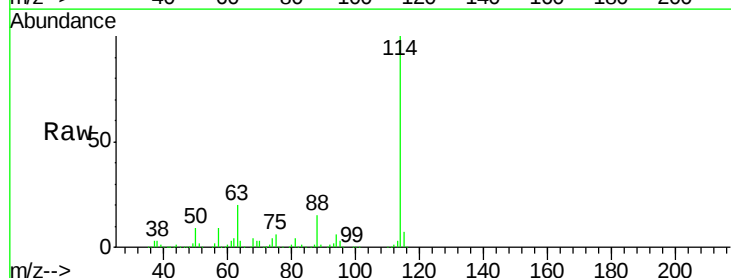
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS02

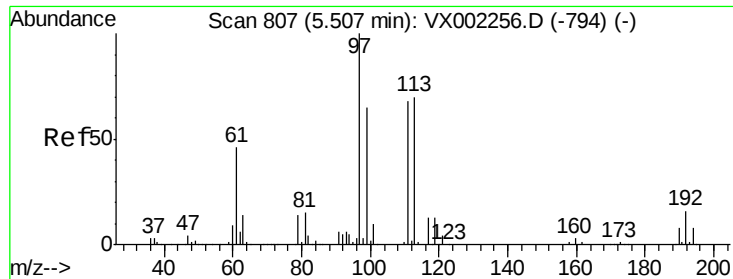
Tot Ion: 65 Resp: 204128
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002399.D
 Acq: 08 Jun 2018 13:55

Tgt Ion: 114 Resp: 414452
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.4
 88 15.0 0.0 30.0

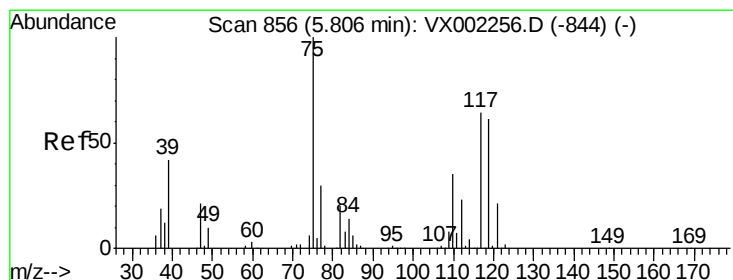
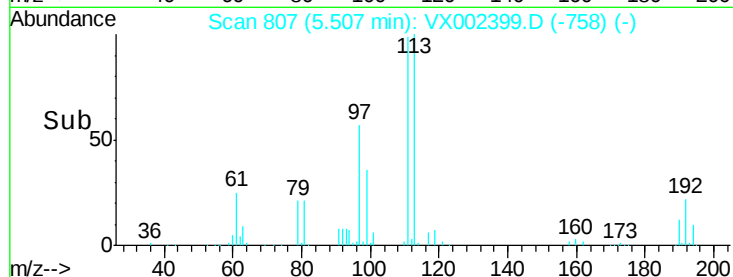
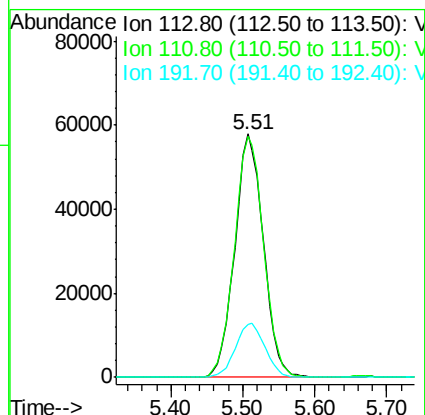
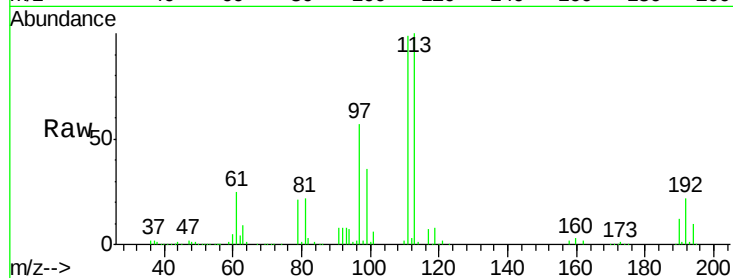




#35
Dibromofluoromethane
Concen: 48.97 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002399.D
Acq: 08 Jun 2018 13:55

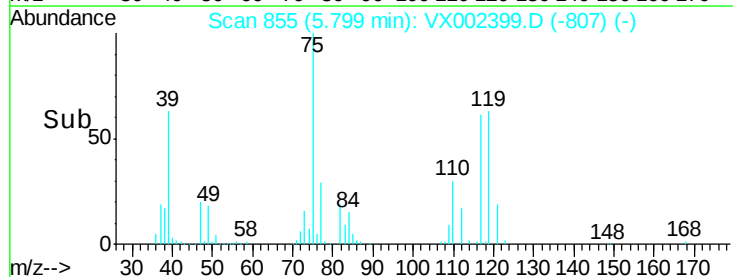
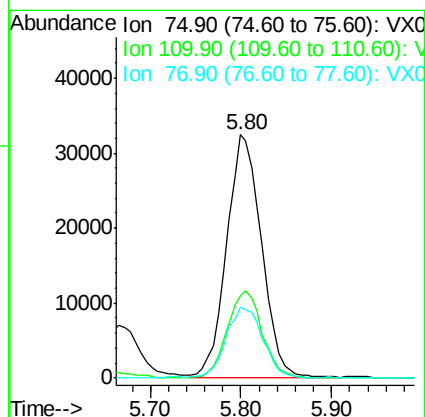
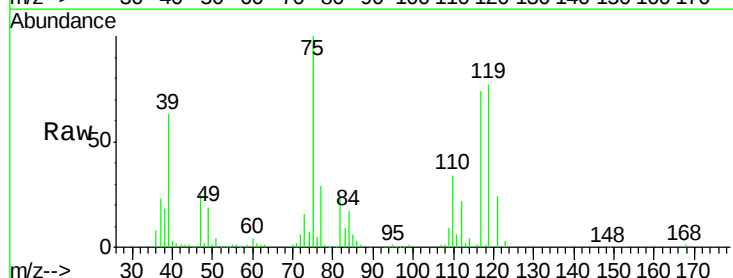
Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS02

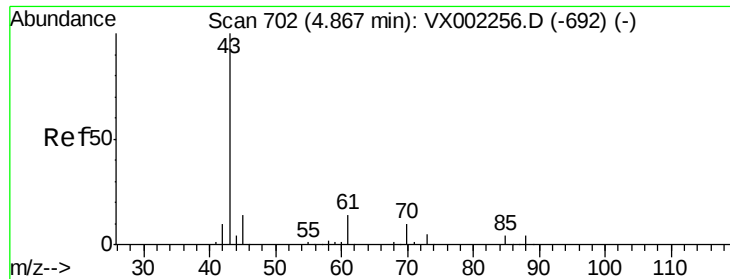
Tot Ion:113 Resp: 159620
Ion Ratio Lower Upper
113 100
111 101.3 81.4 122.0
192 22.9 19.1 28.7



#36
1,1-Dichloropropene
Concen: 19.71 ug/l
RT: 5.80 min Scan# 856
Delta R.T. -0.01 min
Lab File: VX002399.D
Acq: 08 Jun 2018 13:55

Tgt Ion: 75 Resp: 85886
Ion Ratio Lower Upper
75 100
110 36.6 18.1 54.4
77 30.5 24.3 36.5





#37

Ethyl Acetate

Concen: 19.27 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS02

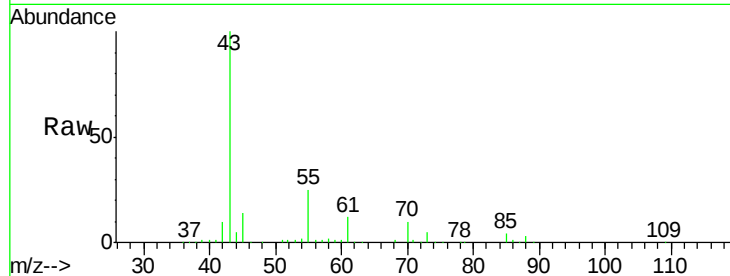
Tot Ion: 43 Resp: 100948

Ion Ratio Lower Upper

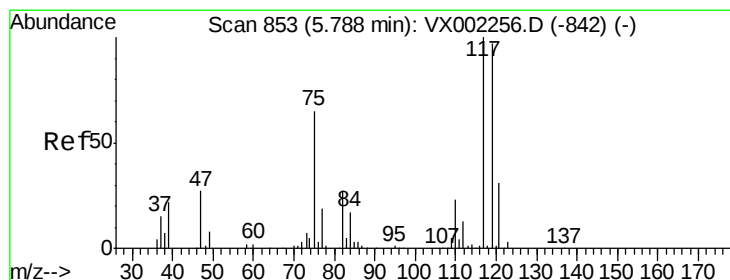
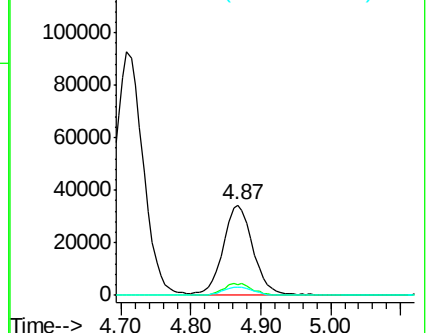
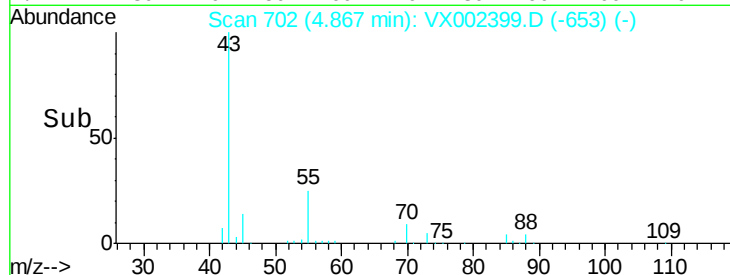
43 100

61 13.1 10.4 15.6

70 9.5 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX002399.D (-653) (-)



#38

Carbon Tetrachloride

Concen: 19.74 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

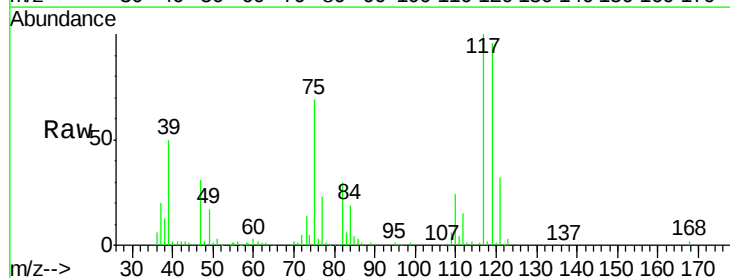
Tgt Ion: 117 Resp: 89960

Ion Ratio Lower Upper

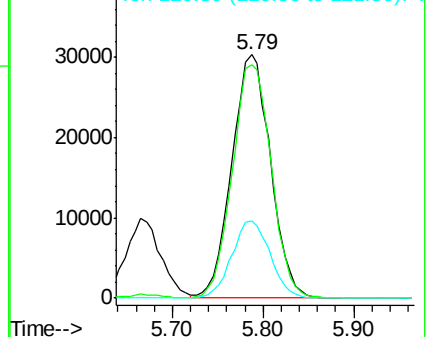
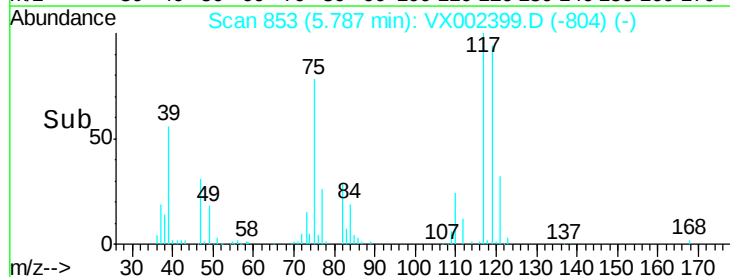
117 100

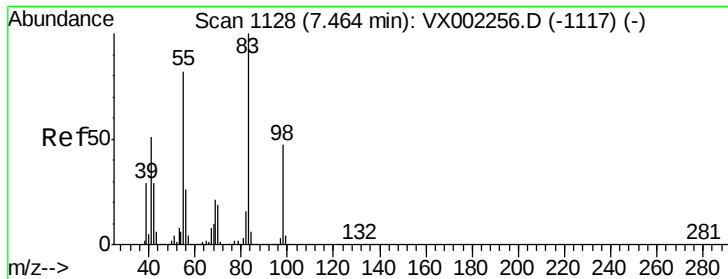
119 95.4 77.4 116.0

121 31.9 24.4 36.6



Abundance Ion 116.80 (116.50 to 117.50): VX002399.D (-804) (-)

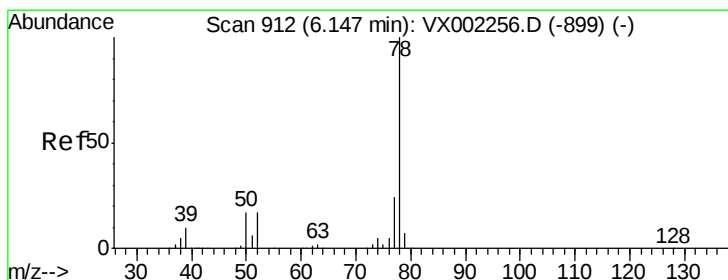
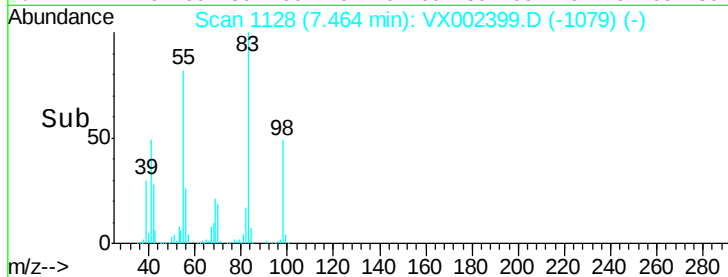
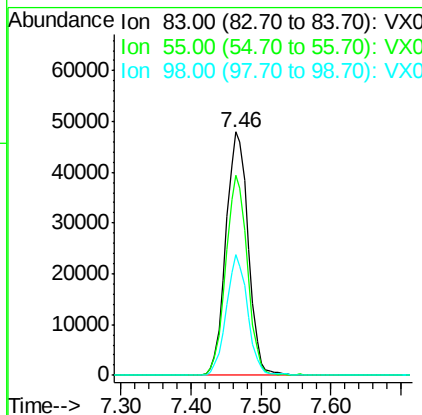
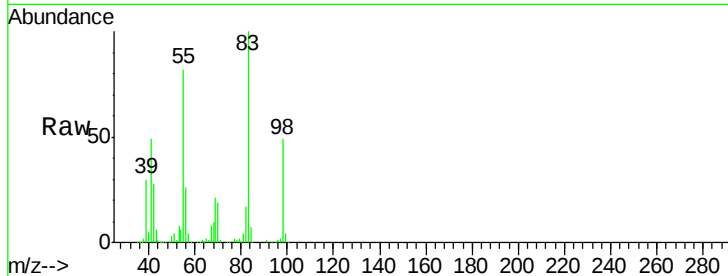




#39
Methvlcvclohexane
Concen: 19.91 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002399.D
Acq: 08 Jun 2018 13:55

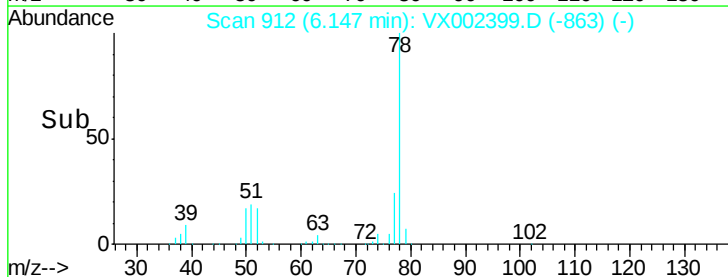
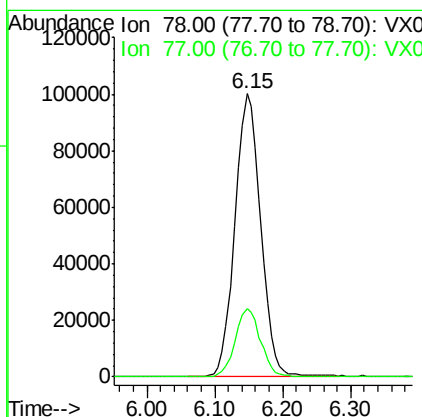
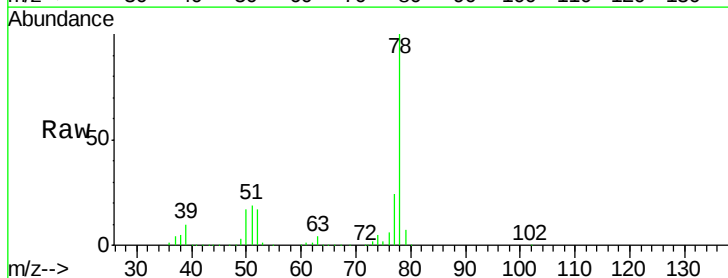
Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS02

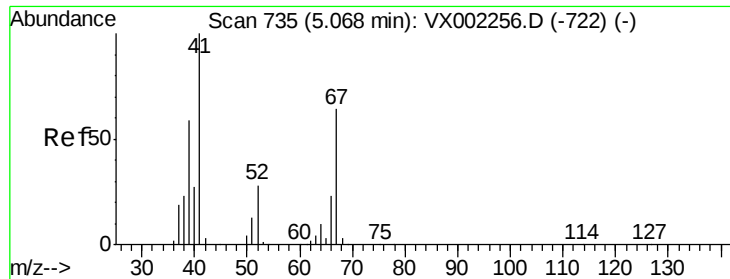
Tot Ion: 83 Resp: 106317
Ion Ratio Lower Upper
83 100
55 82.3 65.4 98.0
98 49.4 37.4 56.0



#40
Benzene
Concen: 19.77 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002399.D
Acq: 08 Jun 2018 13:55

Tgt Ion: 78 Resp: 264127
Ion Ratio Lower Upper
78 100
77 24.3 19.1 28.7

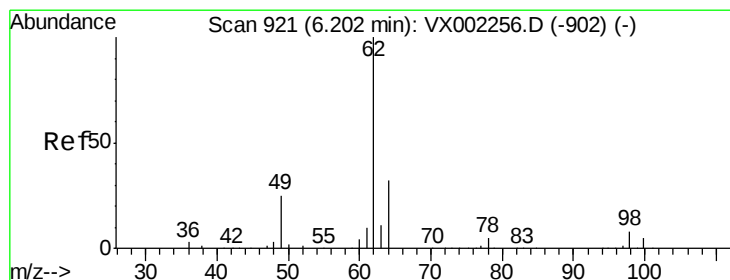
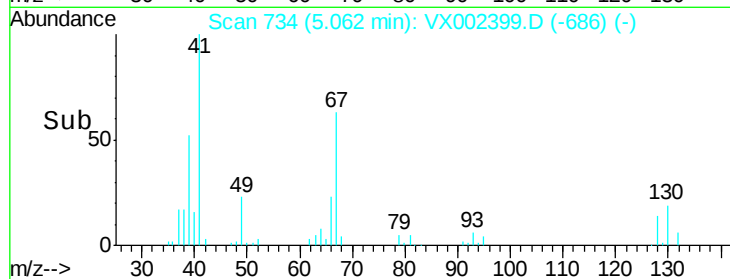
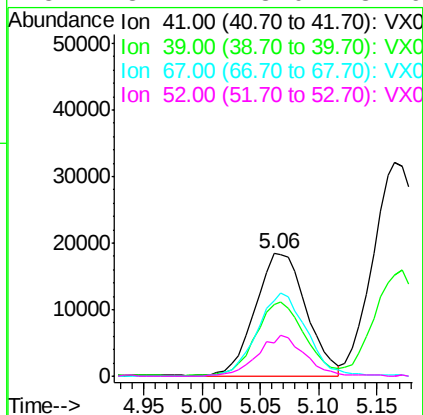
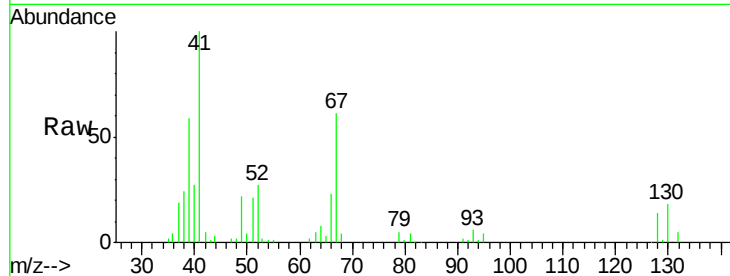




#41
Methacrylonitrile
Concen: 18.60 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002399.D
Acq: 08 Jun 2018 13:55

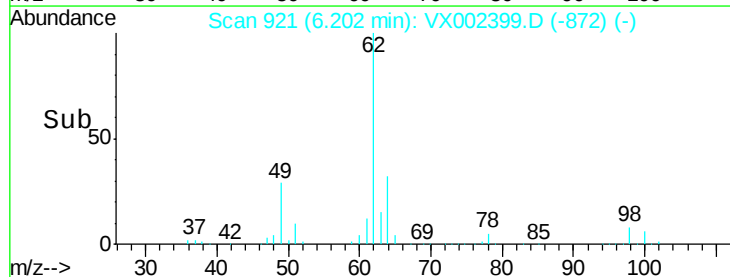
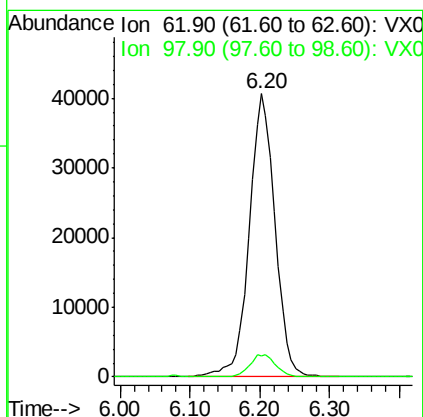
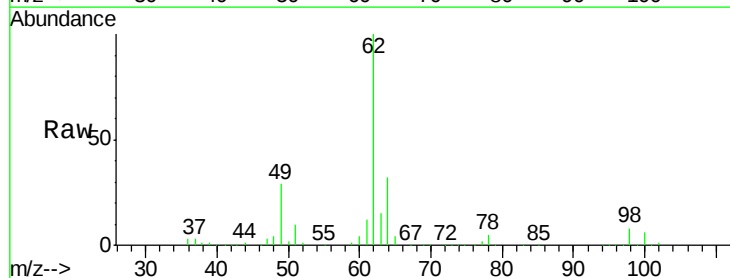
Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS02

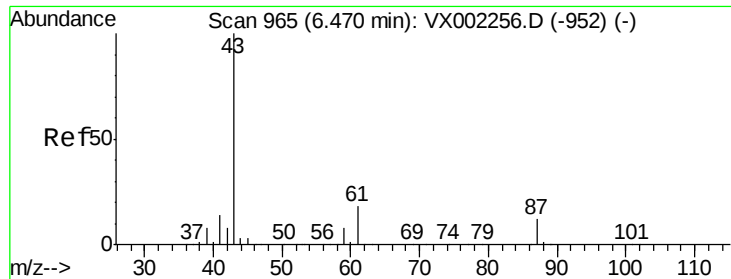
Tot Ion:	41	Resp:	55787
Ion	Ratio	Lower	Upper
41	100		
39	58.0	45.8	68.6
67	66.5	51.3	76.9
52	31.1	23.0	34.6



#42
1,2-Dichloroethane
Concen: 19.57 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002399.D
Acq: 08 Jun 2018 13:55

Tgt Ion:	62	Resp:	103849
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.6



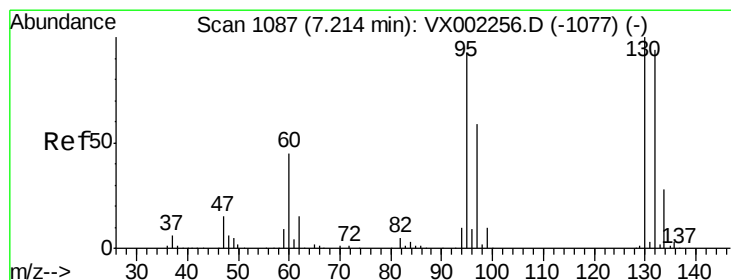
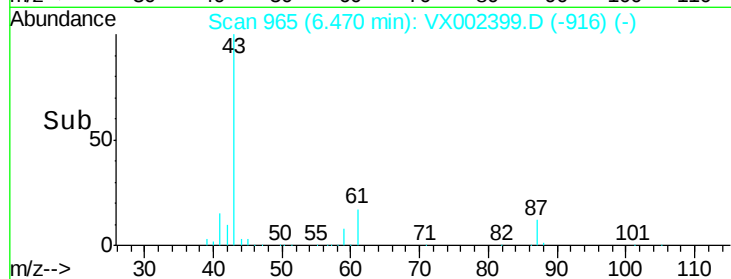
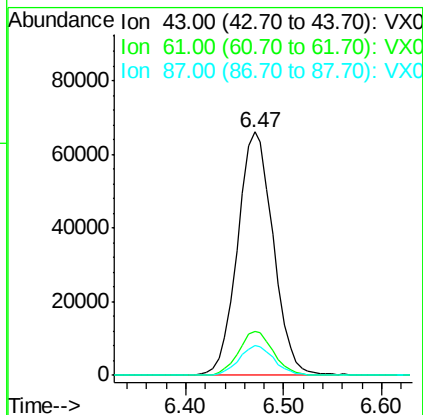
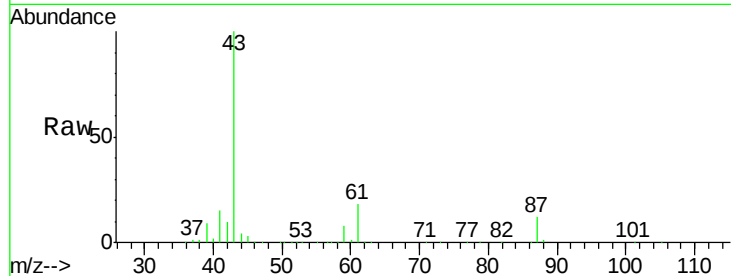


#43

Isopropyl Acetate
 Concen: 18.60 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002399.D
 Acq: 08 Jun 2018 13:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS02

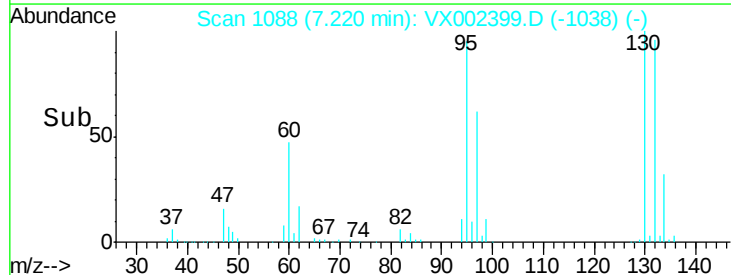
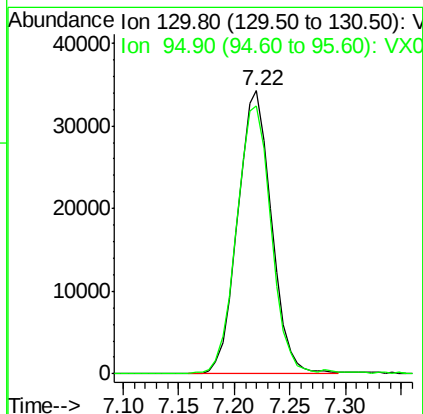
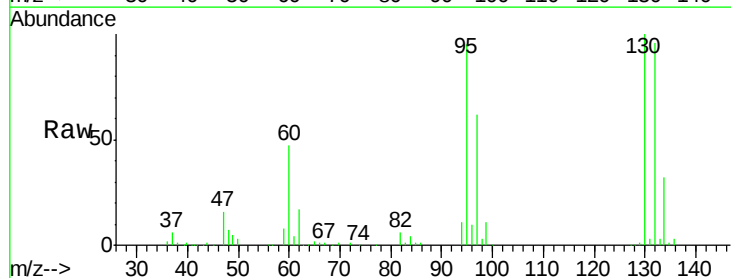
Tot Ion: 43 Resp: 165569
 Ion Ratio Lower Upper
 43 100
 61 17.9 14.4 21.6
 87 12.1 9.5 14.3

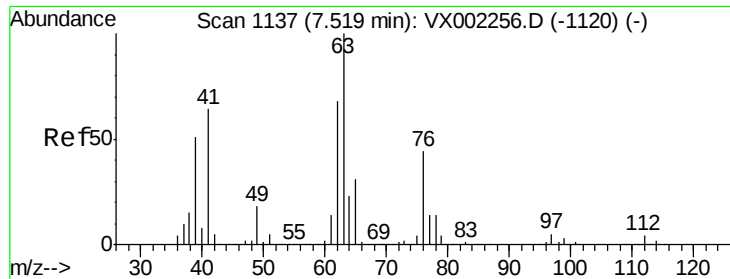


#44

Trichloroethene
 Concen: 19.47 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX002399.D
 Acq: 08 Jun 2018 13:55

Tgt Ion:130 Resp: 72204
 Ion Ratio Lower Upper
 130 100
 95 94.8 0.0 185.4

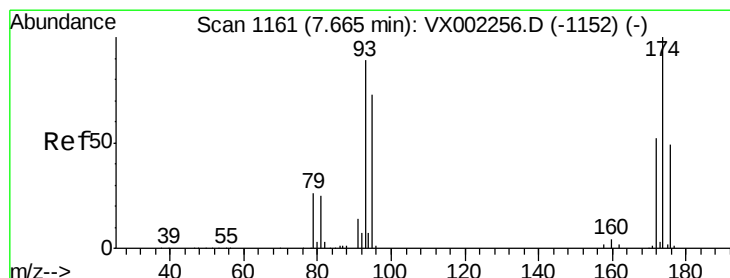
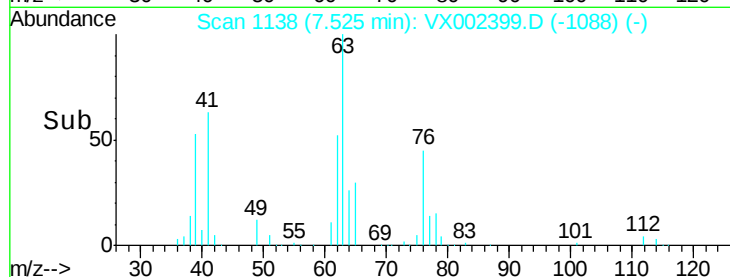
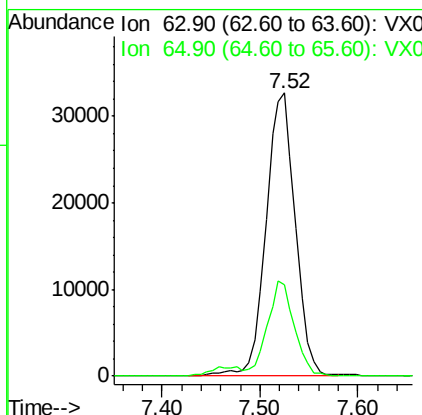
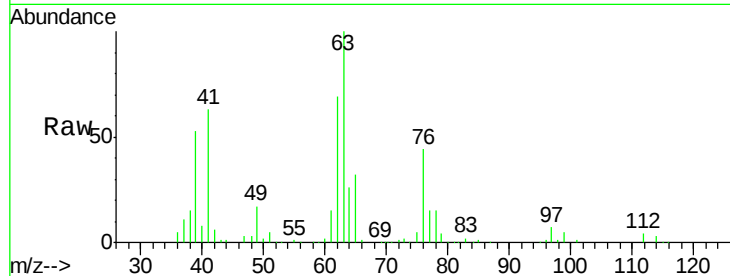




#45
 1,2-Dichloropropane
 Concen: 19.04 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VX002399.D
 Acq: 08 Jun 2018 13:55

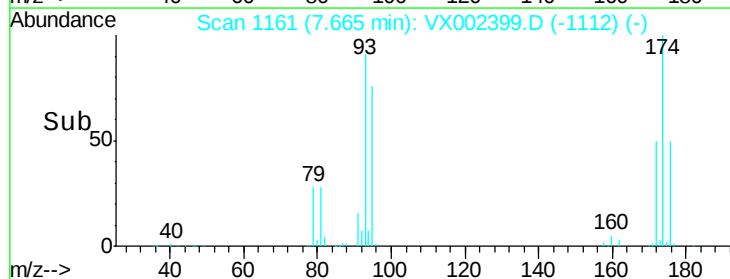
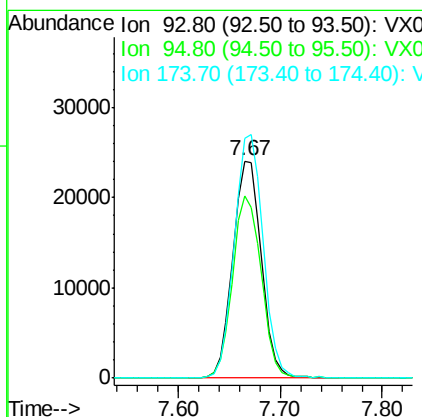
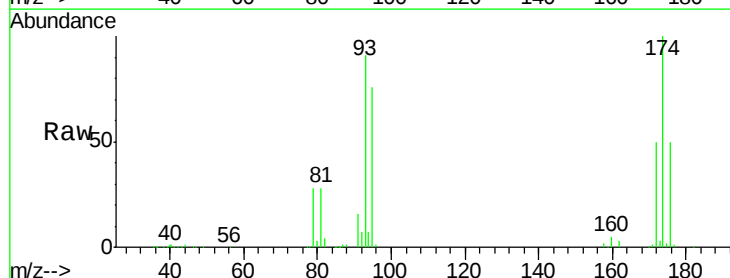
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS02

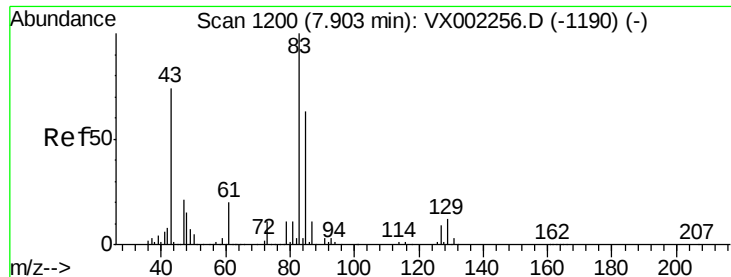
Tot Ion: 63 Resp: 68676
 Ion Ratio Lower Upper
 63 100
 65 32.1 24.7 37.1



#46
 Dibromomethane
 Concen: 19.04 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002399.D
 Acq: 08 Jun 2018 13:55

Tgt Ion: 93 Resp: 46553
 Ion Ratio Lower Upper
 93 100
 95 84.4 65.9 98.9
 174 113.0 92.4 138.6





#47

Bromodichloromethane

Concen: 18.84 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS02

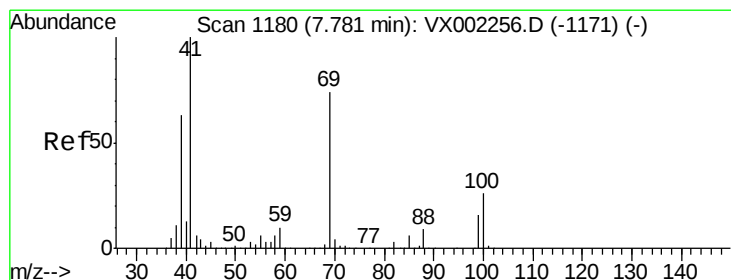
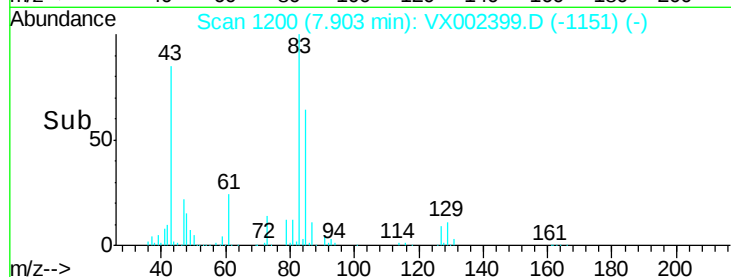
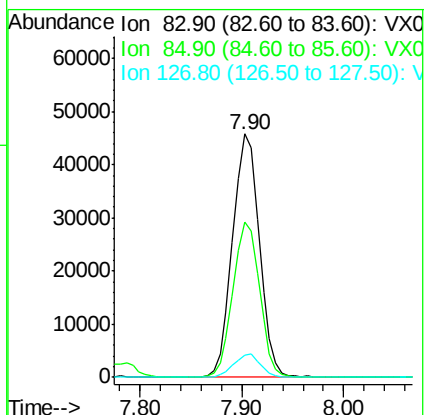
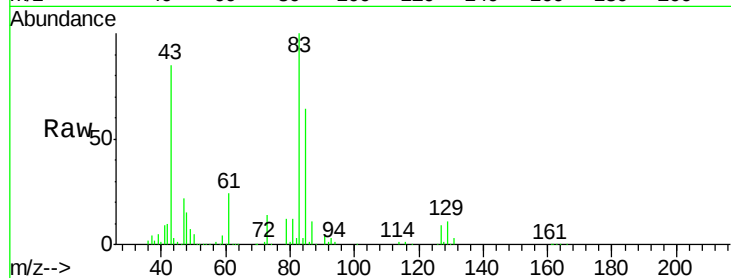
Tot Ion: 83 Resp: 83293

Ion Ratio Lower Upper

83 100

85 63.7 50.3 75.5

127 9.0 7.0 10.4



#48

Methyl methacrylate

Concen: 19.08 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

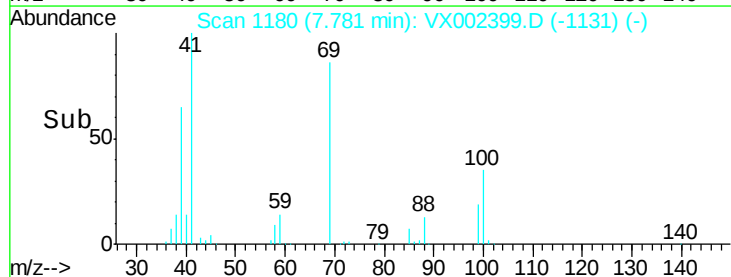
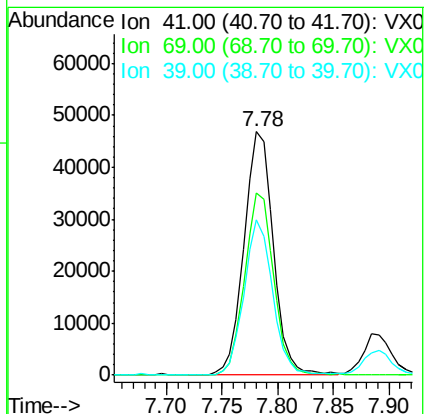
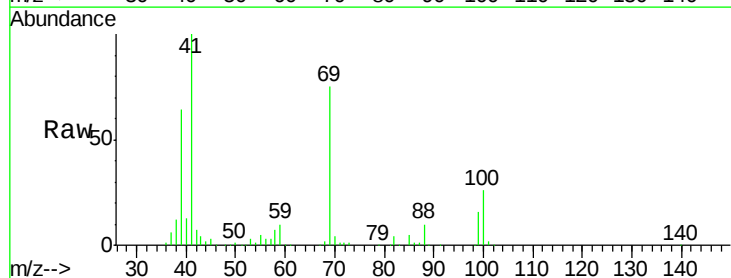
Tgt Ion: 41 Resp: 85313

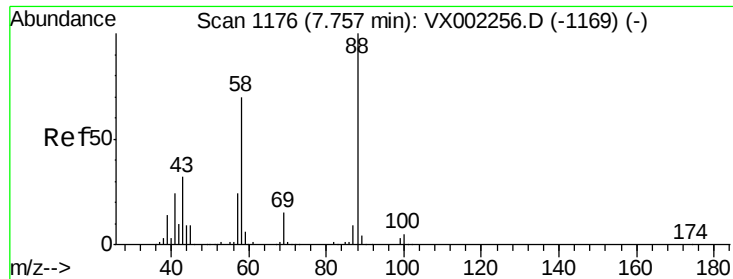
Ion Ratio Lower Upper

41 100

69 75.1 59.1 88.7

39 61.6 48.9 73.3

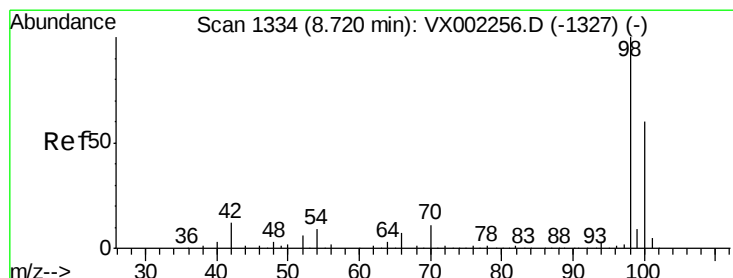
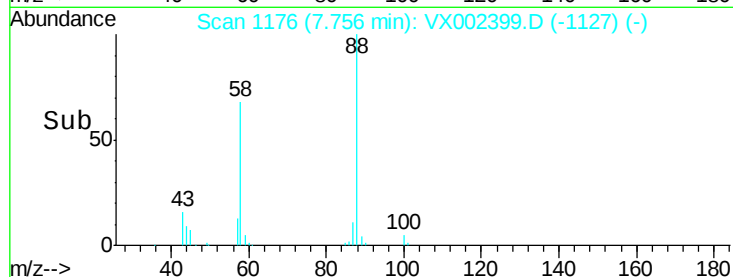
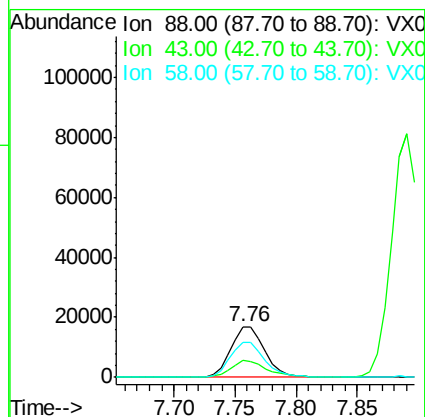
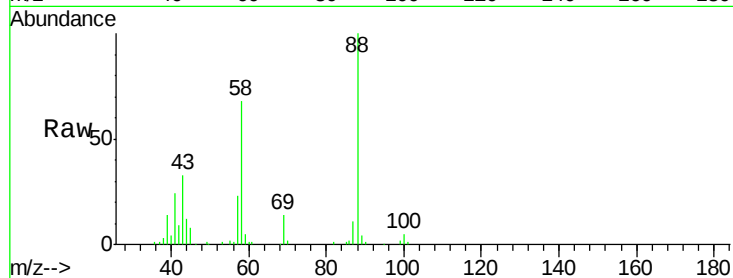




#49
1,4-Dioxane
Concen: 389.02 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002399.D
Acq: 08 Jun 2018 13:55

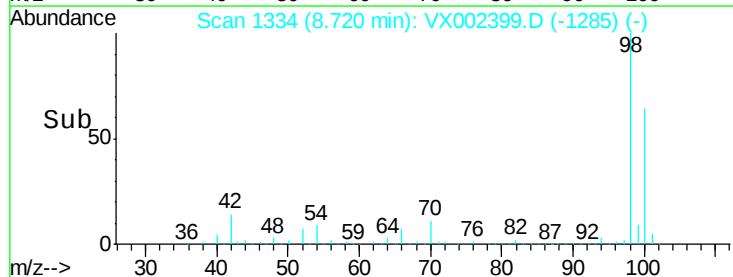
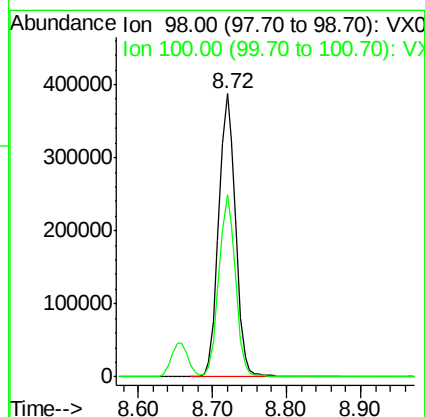
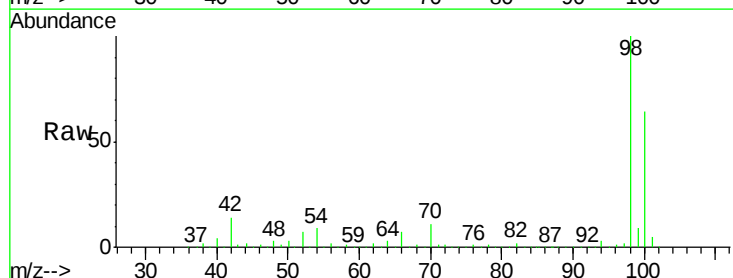
Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS02

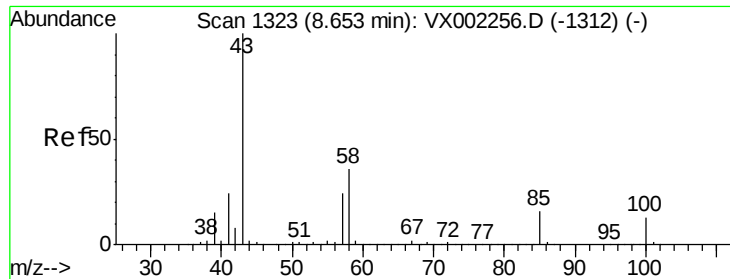
Tot Ion: 88 Resp: 32518
Ion Ratio Lower Upper
88 100
43 36.5 29.8 44.6
58 71.4 57.1 85.7



#50
Toluene-d8
Concen: 48.13 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002399.D
Acq: 08 Jun 2018 13:55

Tgt Ion: 98 Resp: 601237
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 97.93 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA_X

ClientSampleId :

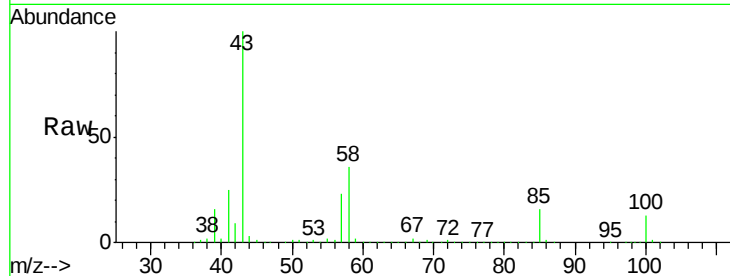
VX0608WBS02

Tot Ion: 43 Resp: 542768

Ion Ratio Lower Upper

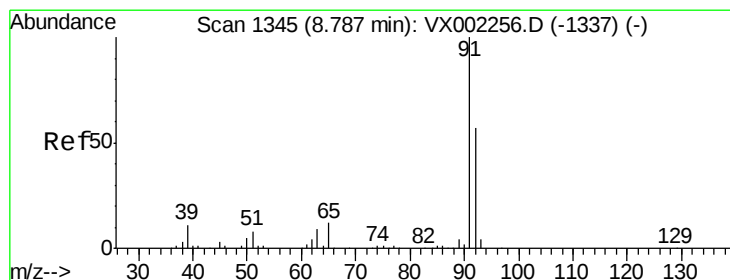
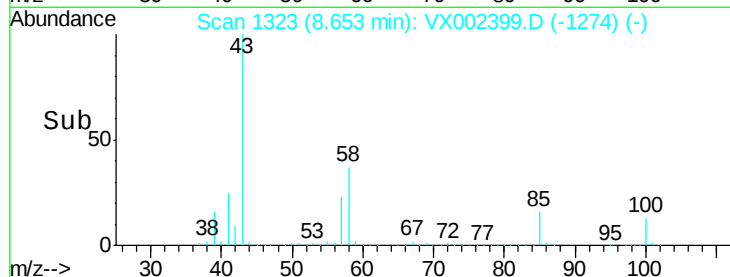
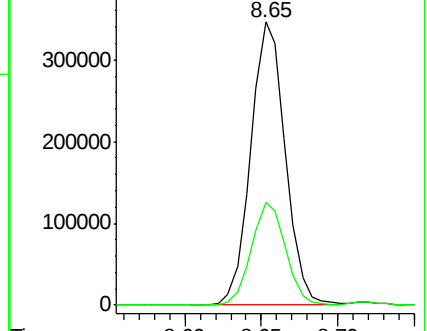
43 100

58 36.0 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.27 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002399.D

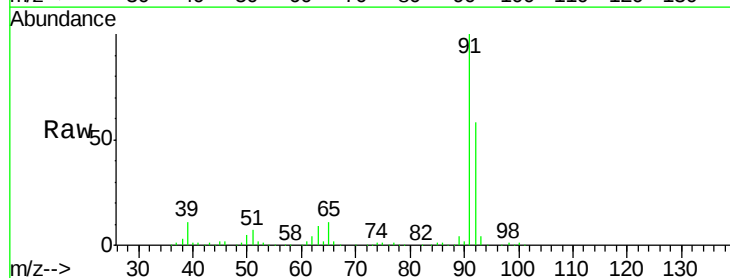
Acq: 08 Jun 2018 13:55

Tgt Ion: 92 Resp: 172233

Ion Ratio Lower Upper

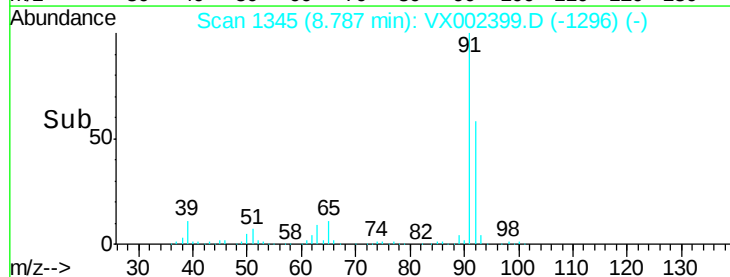
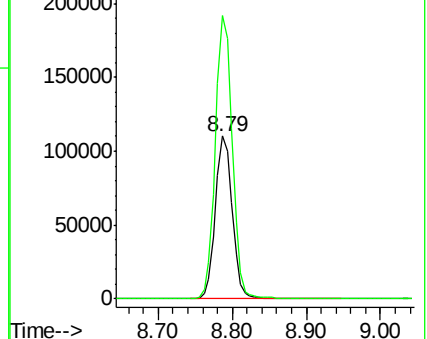
92 100

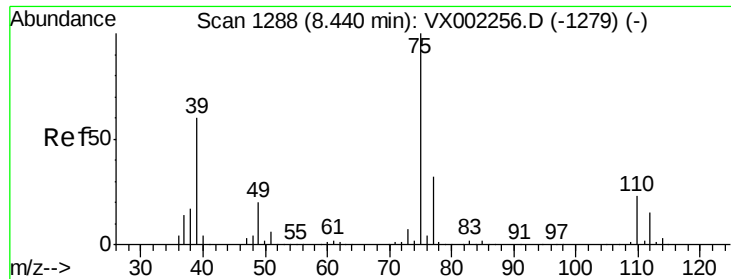
91 173.4 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

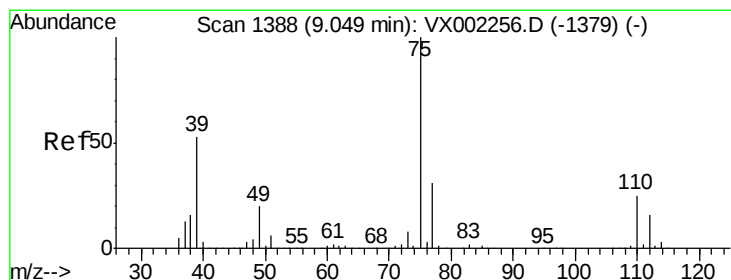
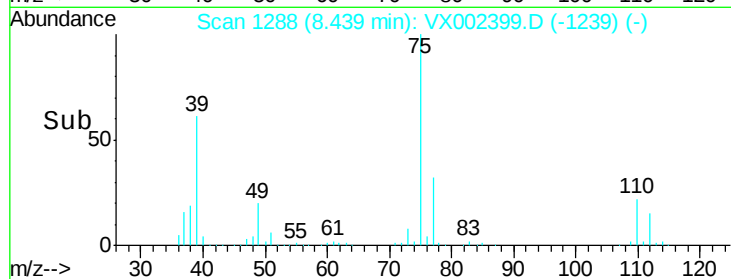
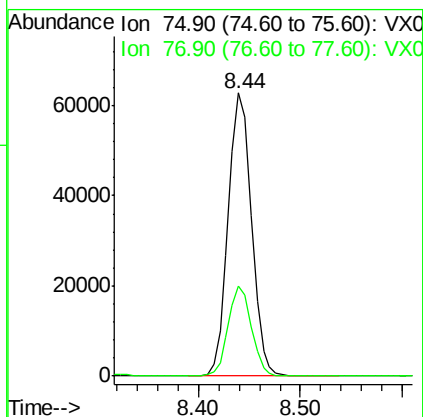
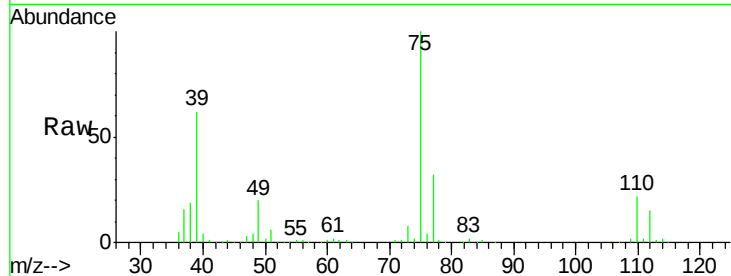




#53
t-1,3-Dichloropropene
Concen: 18.76 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002399.D
Acq: 08 Jun 2018 13:55

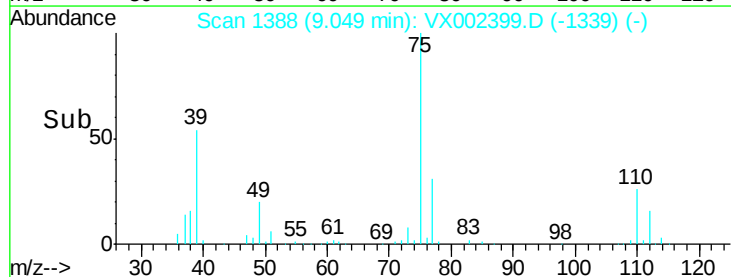
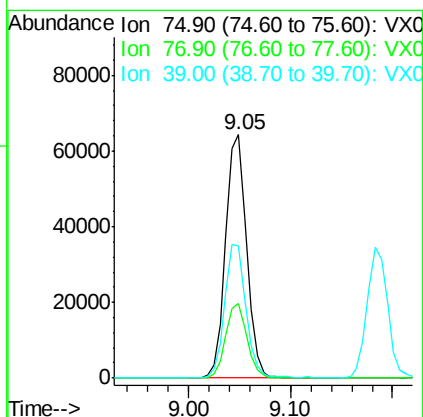
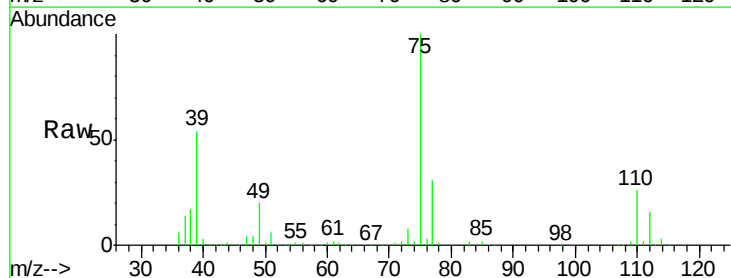
Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS02

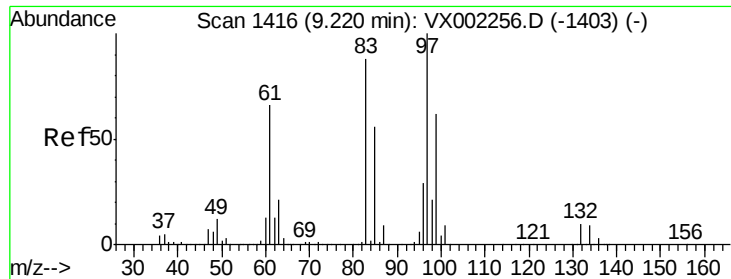
Tot Ion: 75 Resp: 99483
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 18.28 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX002399.D
Acq: 08 Jun 2018 13:55

Tgt Ion: 75 Resp: 91473
Ion Ratio Lower Upper
75 100
77 30.8 24.8 37.2
39 54.0 42.4 63.6

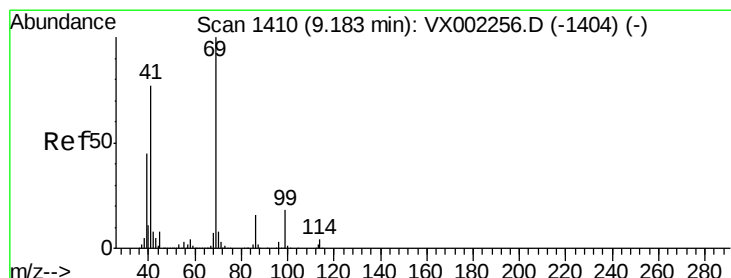
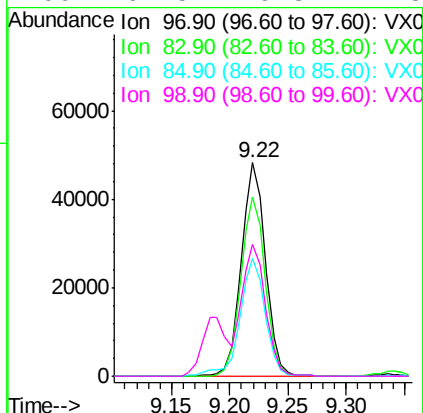
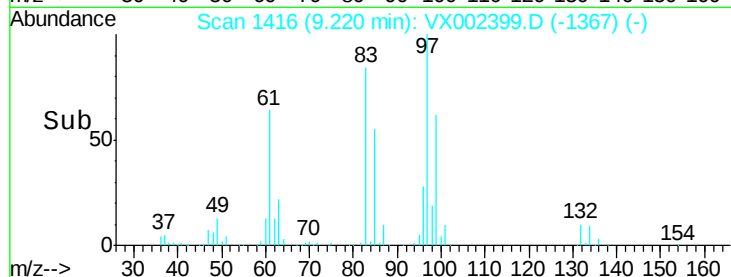
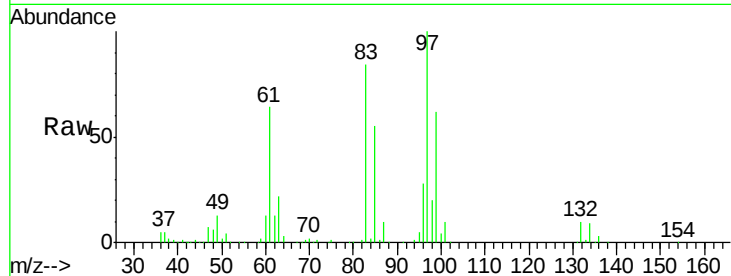




#55
 1,1,2-Trichloroethane
 Concen: 20.05 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002399.D
 Acq: 08 Jun 2018 13:55

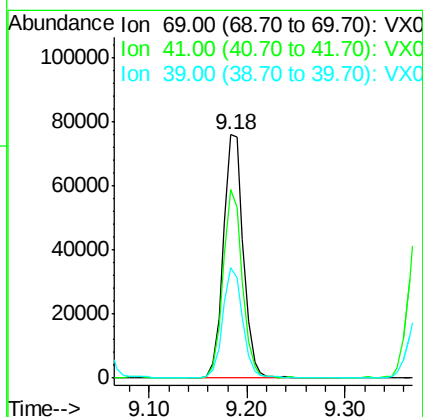
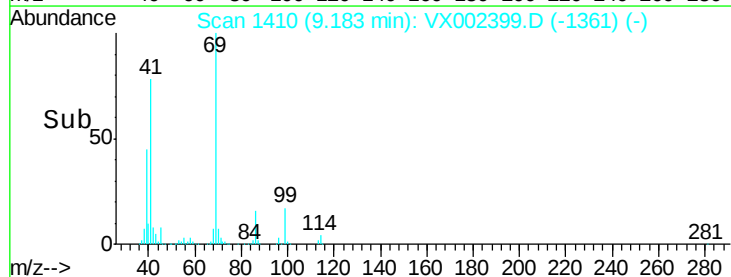
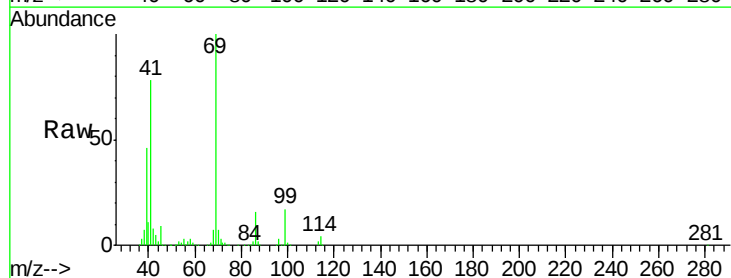
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS02

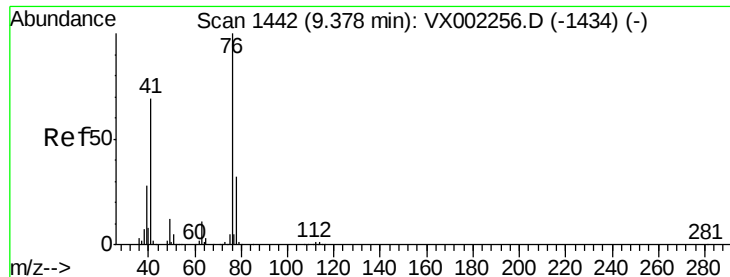
Tot Ion:	97	Resp:	70066
Ion	Ratio	Lower	Upper
97	100		
83	83.9	70.2	105.2
85	55.0	44.9	67.3
99	61.5	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 19.26 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002399.D
 Acq: 08 Jun 2018 13:55

Tgt Ion:	69	Resp:	107445
Ion	Ratio	Lower	Upper
69	100		
41	74.1	60.3	90.5
39	44.8	35.8	53.8





#57

1,3-Dichloropropane

Concen: 19.36 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA_X

ClientSampleId :

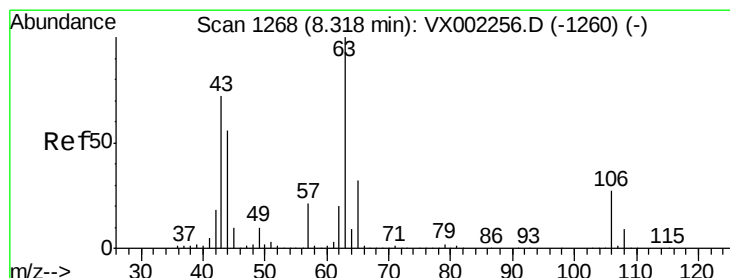
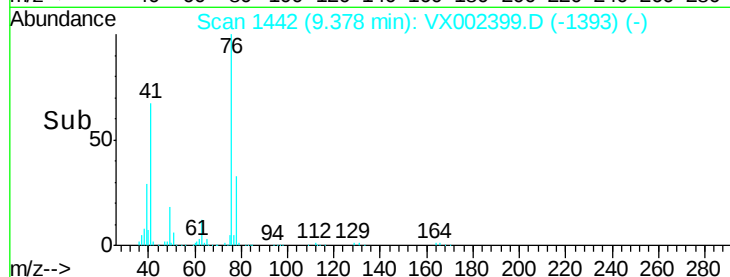
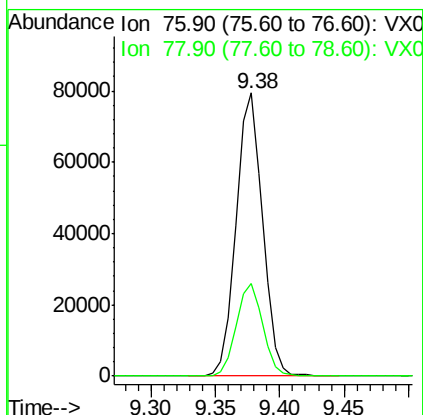
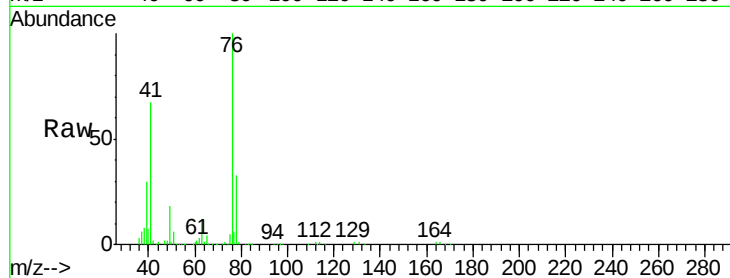
VX0608WBS02

Tot Ion: 76 Resp: 113480

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 109.33 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002399.D

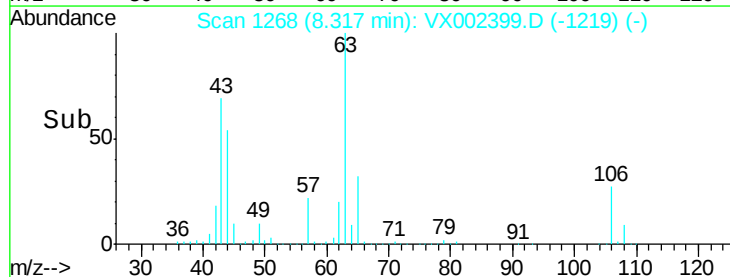
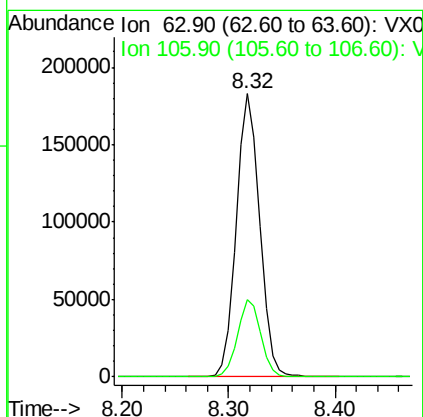
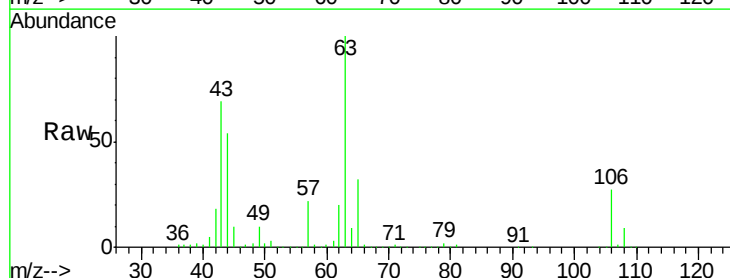
Acq: 08 Jun 2018 13:55

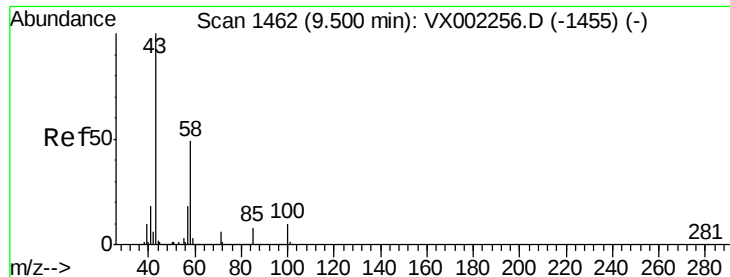
Tgt Ion: 63 Resp: 282330

Ion Ratio Lower Upper

63 100

106 27.4 21.8 32.8

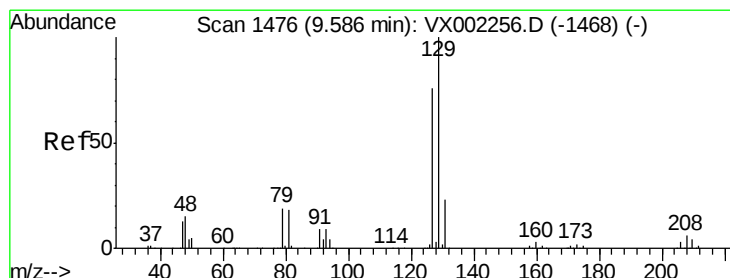
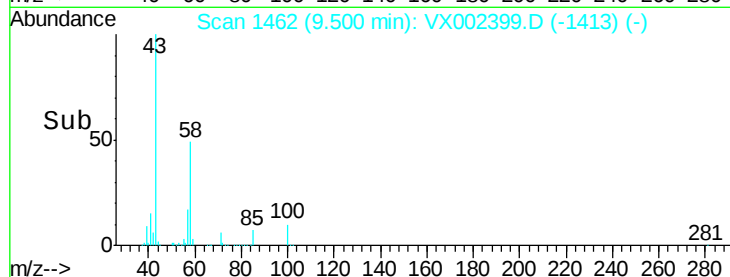
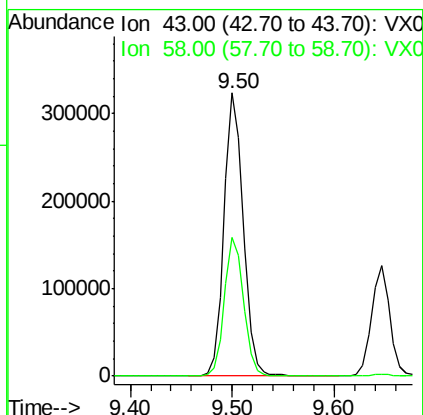
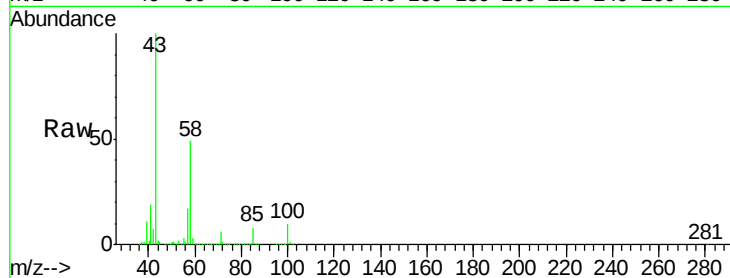




#59
2-Hexanone
Concen: 99.47 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002399.D
Acq: 08 Jun 2018 13:55

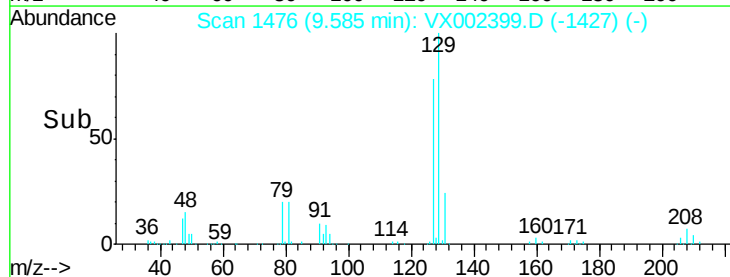
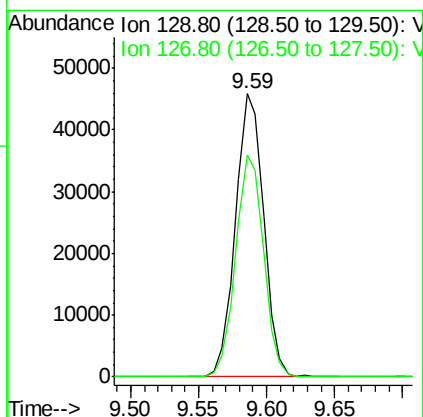
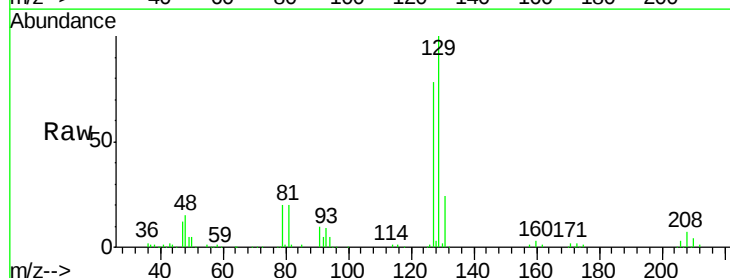
Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS02

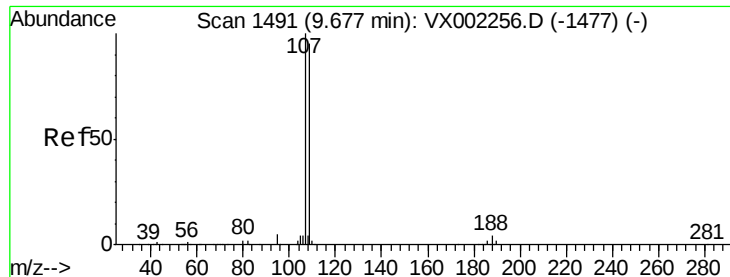
Tot Ion: 43 Resp: 425851
Ion Ratio Lower Upper
43 100
58 48.9 24.6 73.6



#60
Dibromochloromethane
Concen: 18.85 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002399.D
Acq: 08 Jun 2018 13:55

Tgt Ion: 129 Resp: 66263
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.3





#61

1,2-Dibromoethane

Concen: 19.79 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA_X

ClientSampleId :

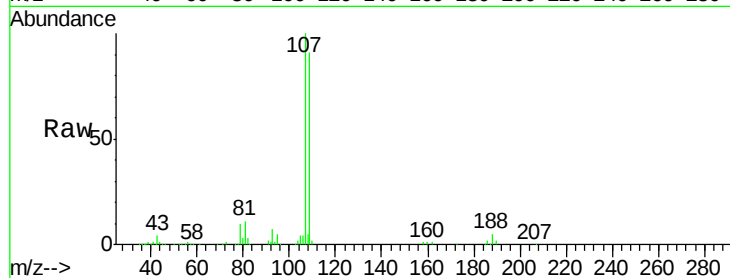
VX0608WBS02

Tot Ion:107 Resp: 72102

Ion Ratio Lower Upper

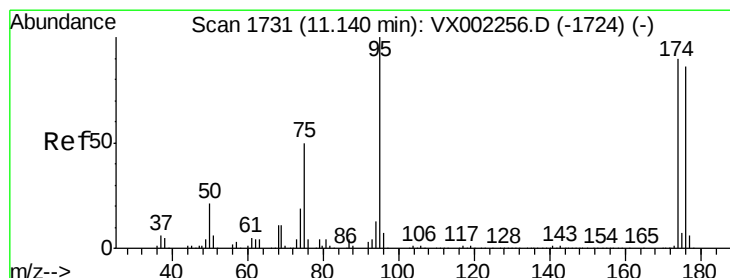
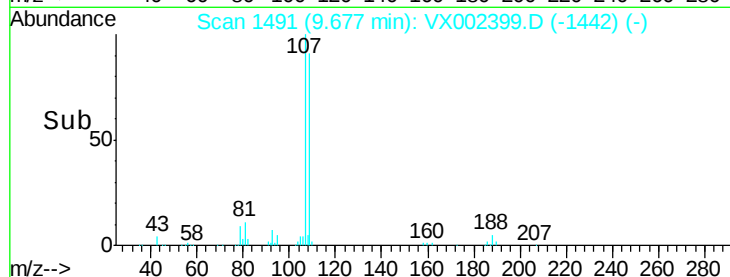
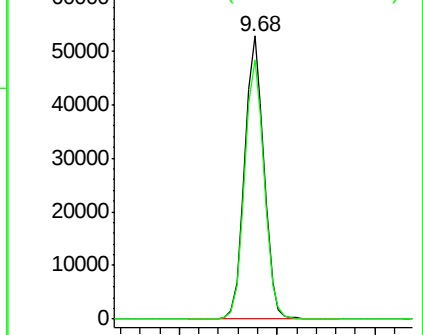
107 100

109 93.4 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.83 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

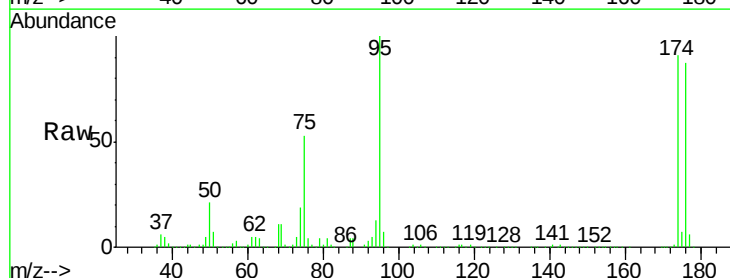
Tgt Ion: 95 Resp: 225618

Ion Ratio Lower Upper

95 100

174 95.1 0.0 187.4

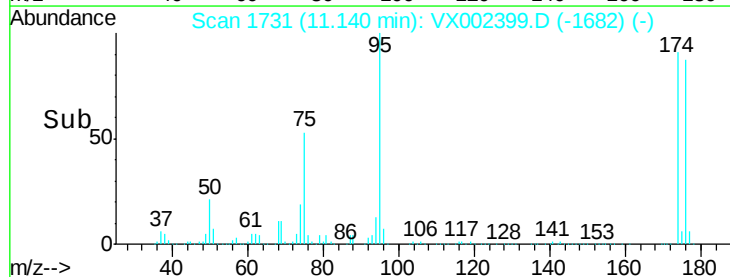
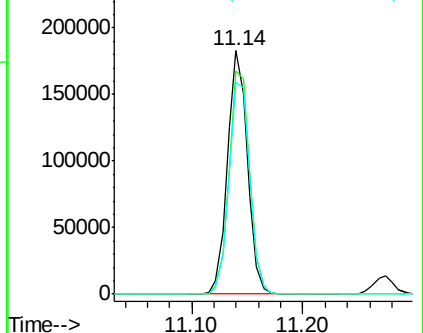
176 91.7 0.0 181.0

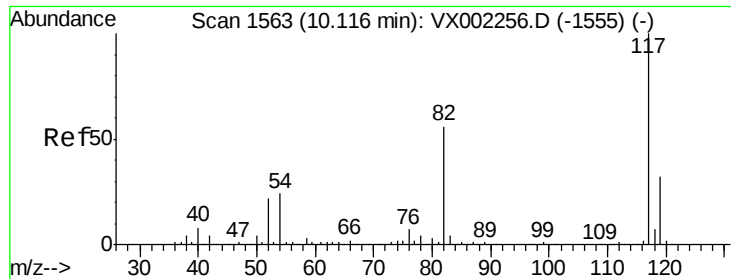


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

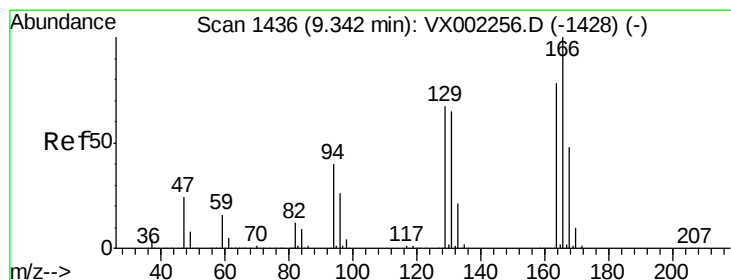
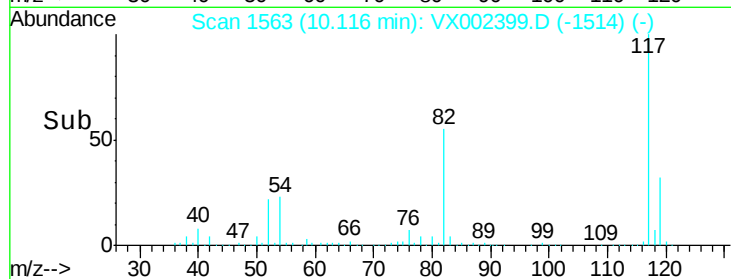
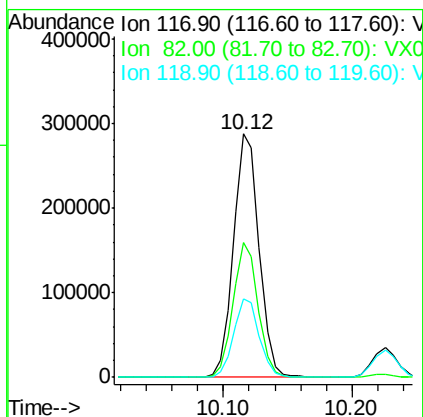
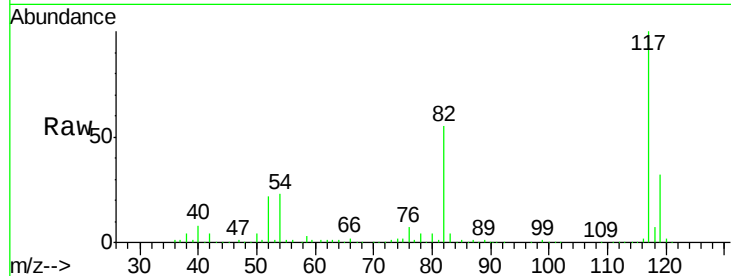




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002399.D
Acq: 08 Jun 2018 13:55

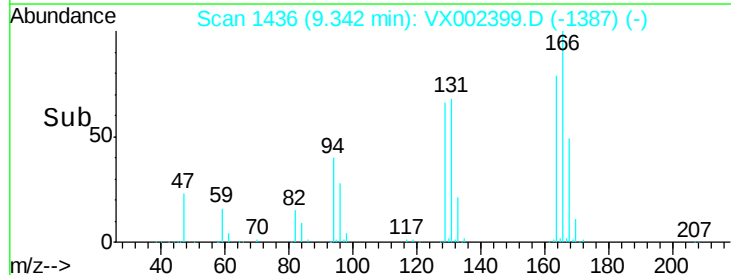
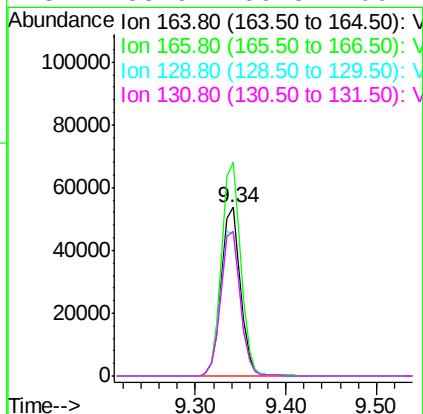
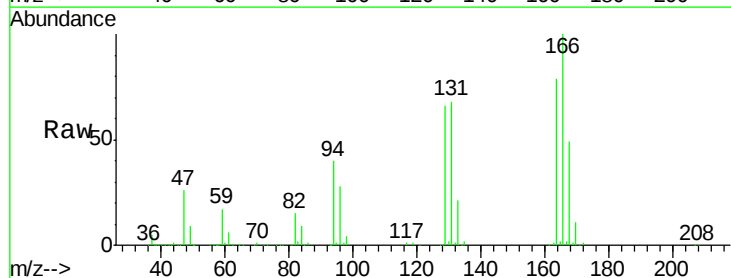
Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS02

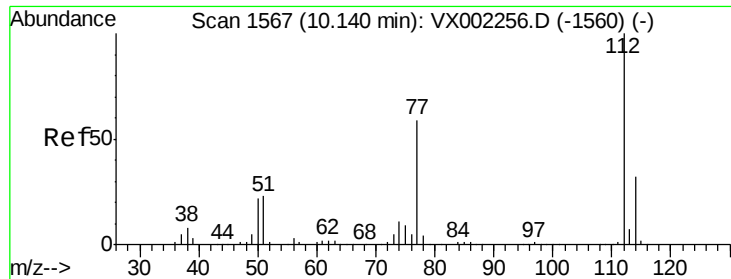
Tot Ion:117 Resp: 397363
Ion Ratio Lower Upper
117 100
82 55.5 45.0 67.4
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 19.54 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002399.D
Acq: 08 Jun 2018 13:55

Tgt Ion:164 Resp: 80059
Ion Ratio Lower Upper
164 100
166 126.7 102.9 154.3
129 84.1 68.6 102.8
131 85.9 66.8 100.2





#65

Chlorobenzene

Concen: 19.68 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA_X

ClientSampleId :

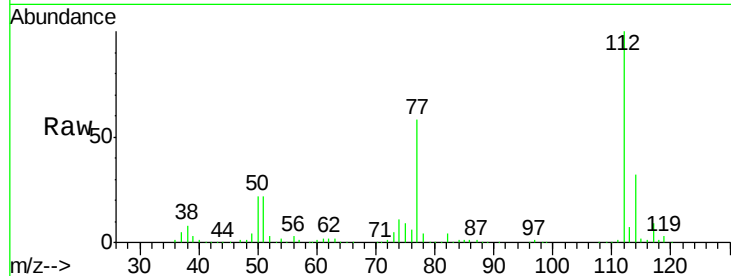
VX0608WBS02

Tot Ion:112 Resp: 194558

Ion Ratio Lower Upper

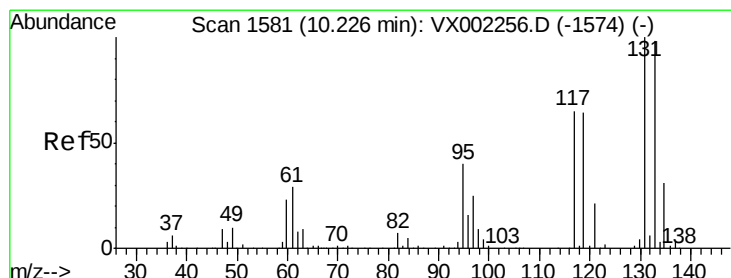
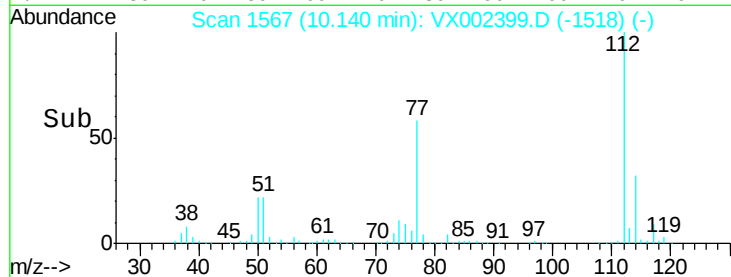
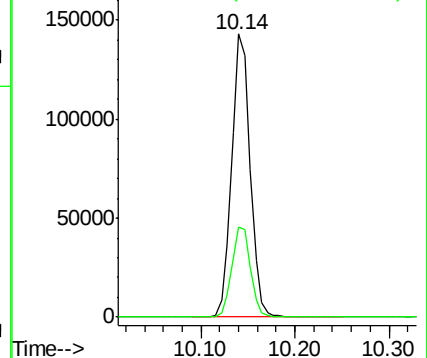
112 100

114 31.7 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.29 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

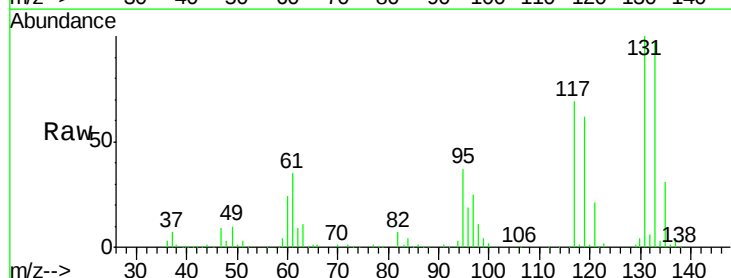
Tgt Ion:131 Resp: 69077

Ion Ratio Lower Upper

131 100

133 95.7 47.9 143.6

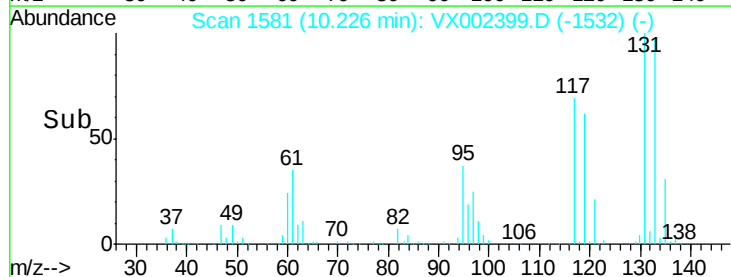
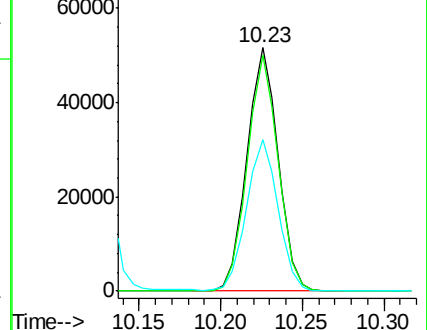
119 62.9 31.8 95.3

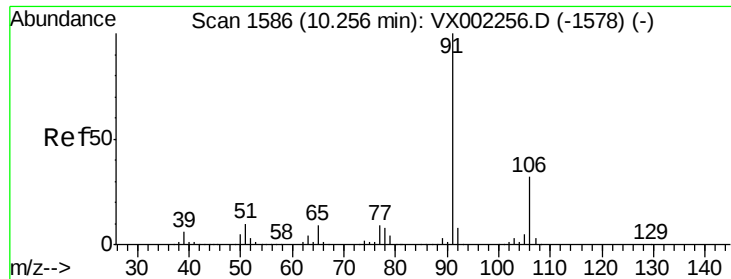


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.41 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA_X

ClientSampled :

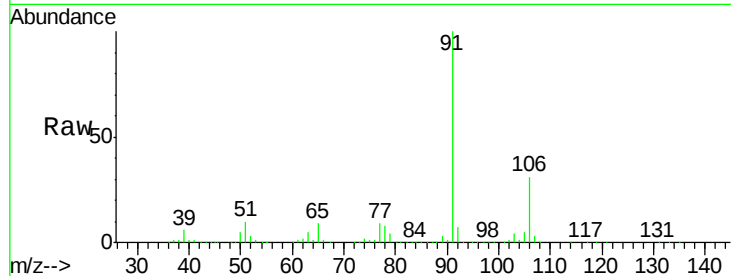
VX0608WBS02

Tot Ion: 91 Resp: 337684

Ion Ratio Lower Upper

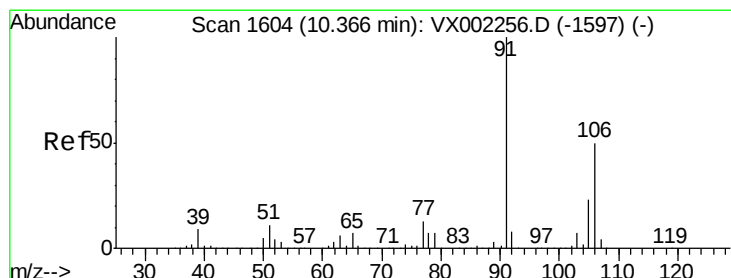
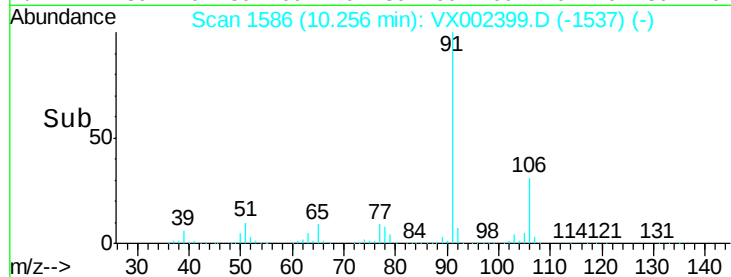
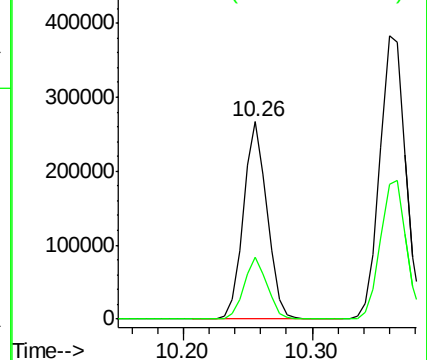
91 100

106 31.2 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 39.98 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX002399.D

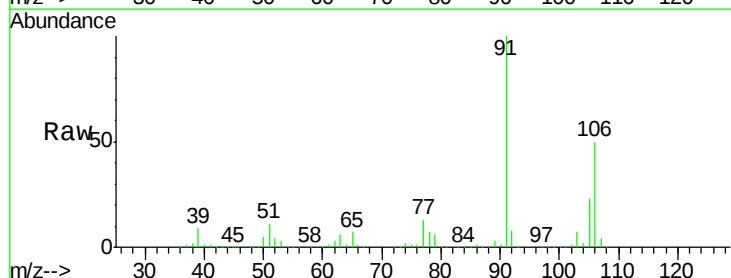
Acq: 08 Jun 2018 13:55

Tgt Ion: 106 Resp: 257131

Ion Ratio Lower Upper

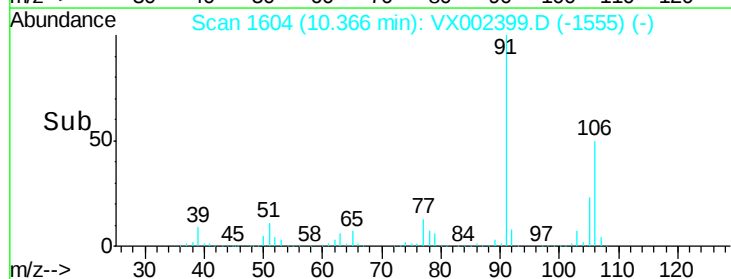
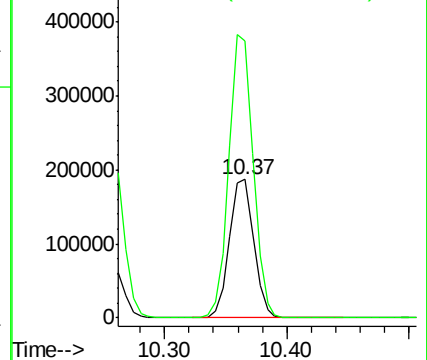
106 100

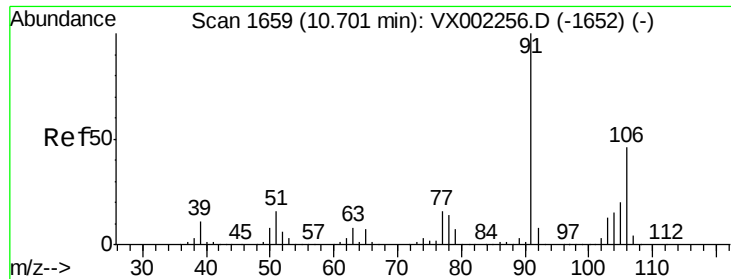
91 204.4 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

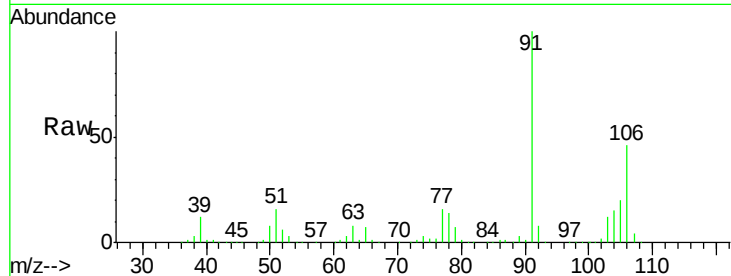




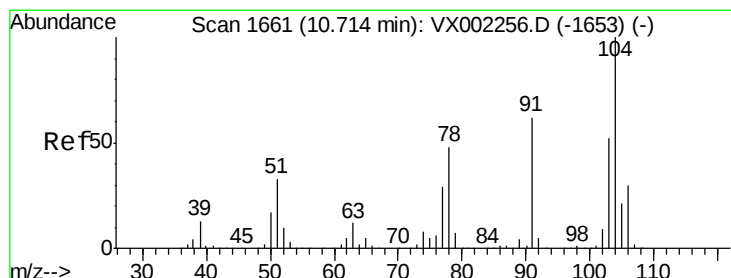
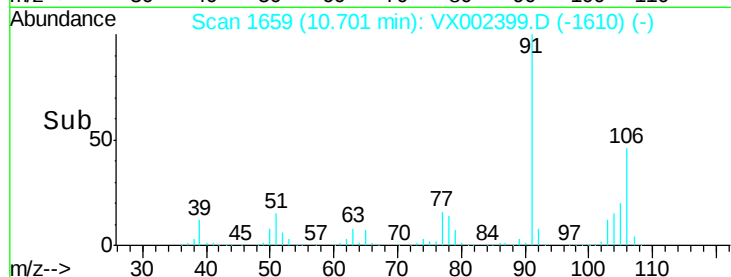
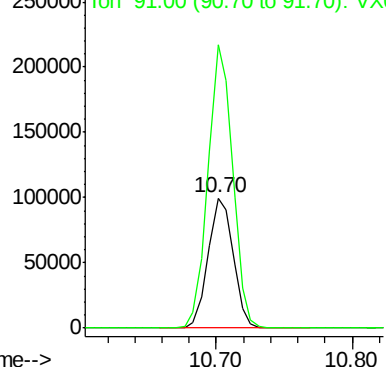
#69
o-Xylene
Concen: 20.04 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002399.D
Acq: 08 Jun 2018 13:55

Instrument :
MSVOA_X
ClientSampled :
VX0608WBS02

Tot Ion:106 Resp: 128273
Ion Ratio Lower Upper
106 100
91 213.8 108.2 324.6

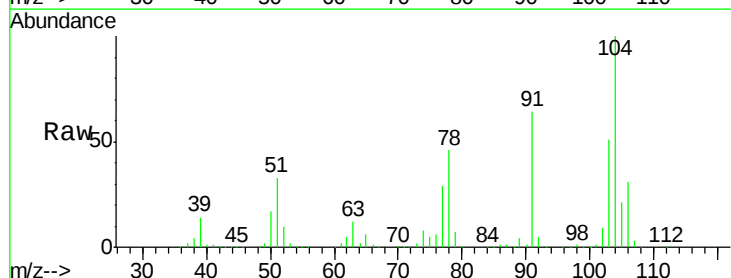


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

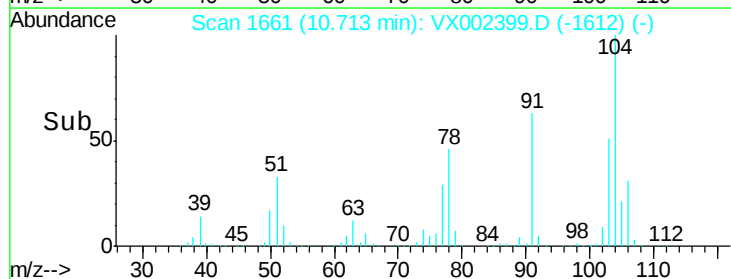
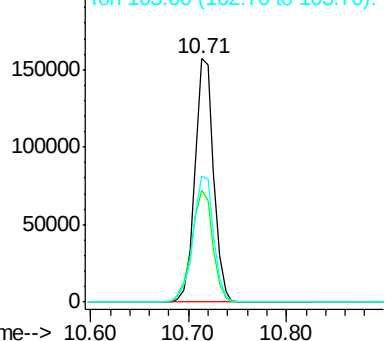


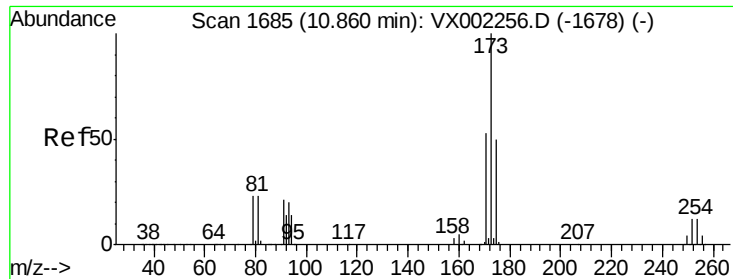
#70
Styrene
Concen: 19.89 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002399.D
Acq: 08 Jun 2018 13:55

Tgt Ion:104 Resp: 208163
Ion Ratio Lower Upper
104 100
78 51.4 41.0 61.6
103 56.7 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 17.72 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS02

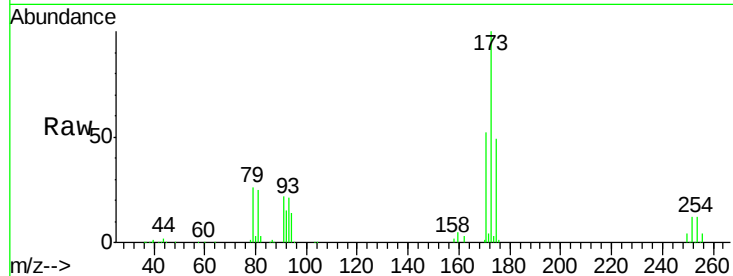
Tot Ion:173 Resp: 49134

Ion Ratio Lower Upper

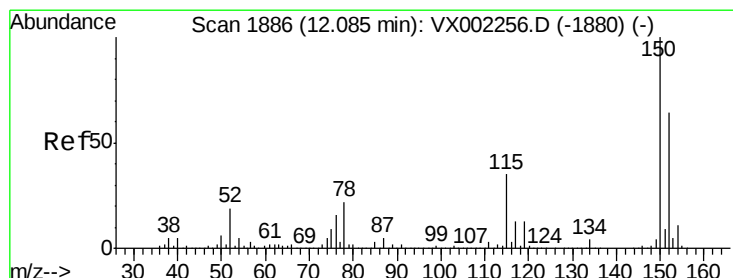
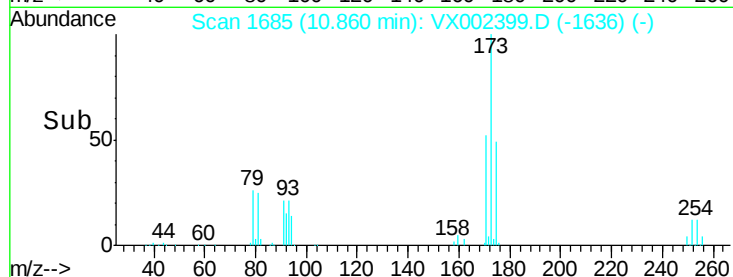
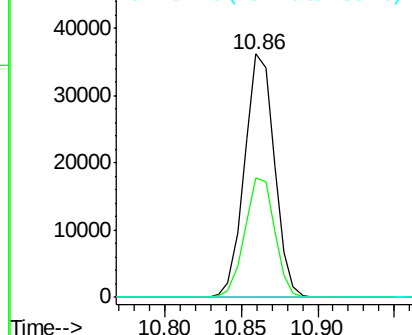
173 100

175 49.3 24.7 74.1

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

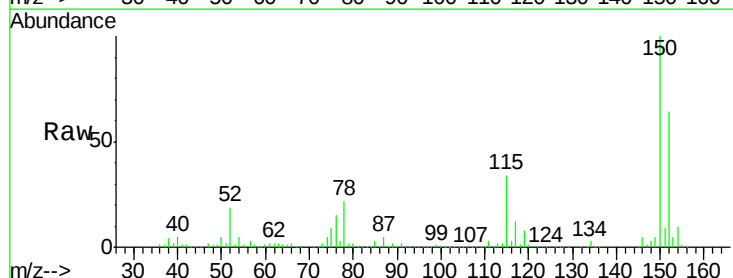
Tgt Ion:152 Resp: 243589

Ion Ratio Lower Upper

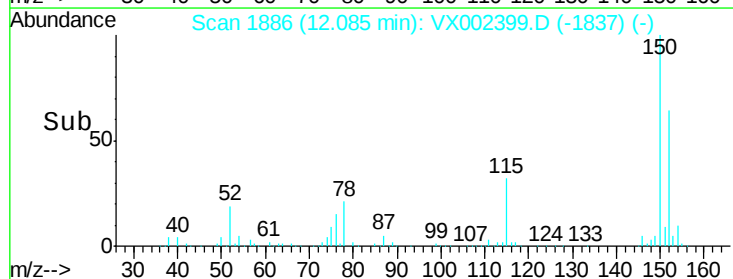
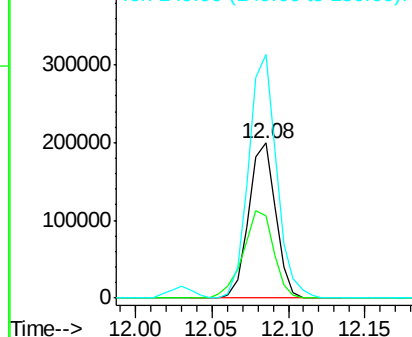
152 100

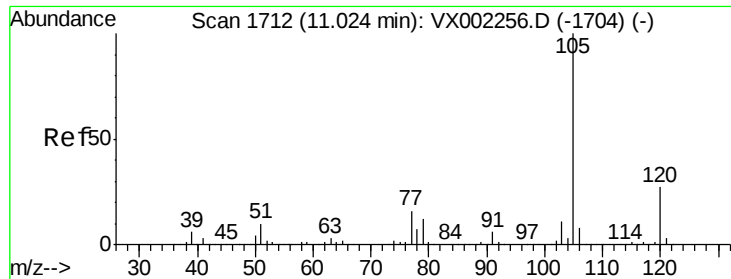
115 64.1 40.1 120.2

150 163.4 0.0 347.2



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





#73

Isopropylbenzene

Concen: 20.56 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA_X

ClientSampleId :

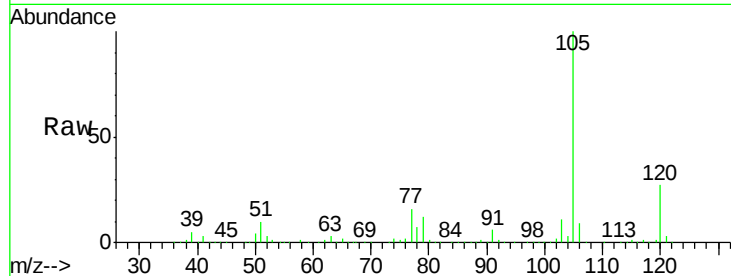
VX0608WBS02

Tot Ion:105 Resp: 348342

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

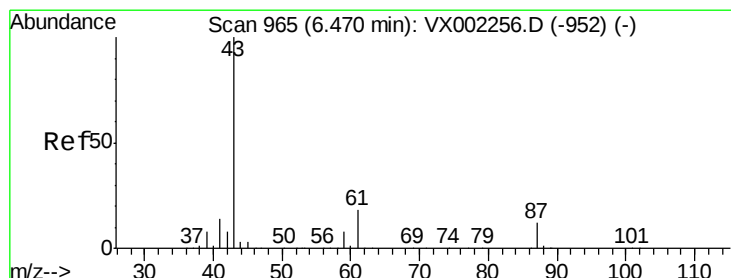
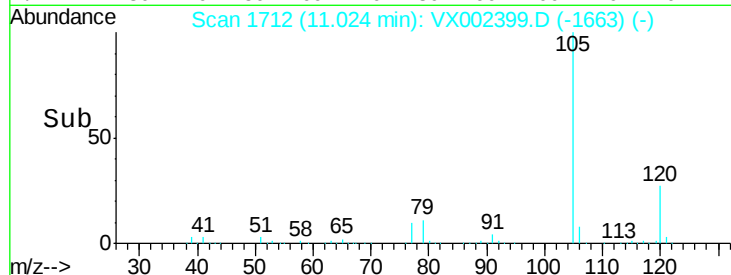
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 18.13 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Tgt Ion: 43 Resp: 165569

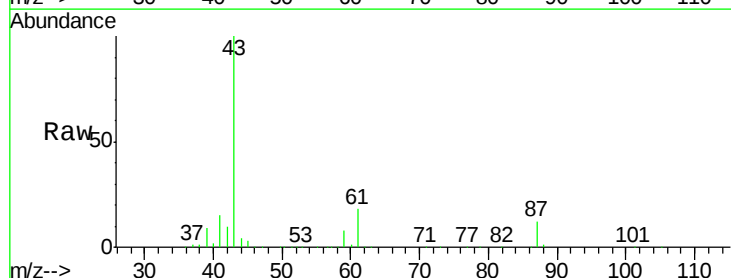
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 17.9 14.4 21.6



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

6.47

100000

80000

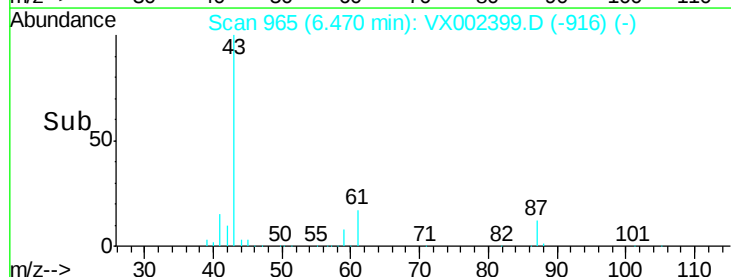
60000

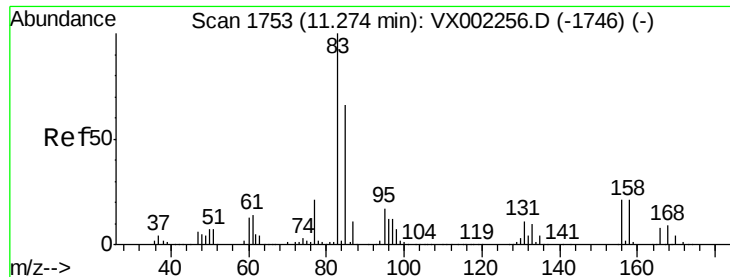
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.45 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS02

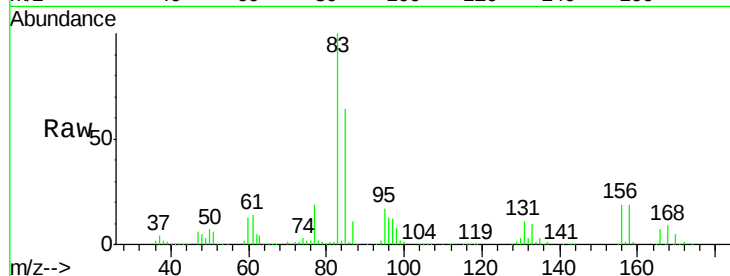
Tot Ion: 83 Resp: 103637

Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.6	16.8
85	63.2	32.4	97.2

83 100

131 10.9 5.6 16.8

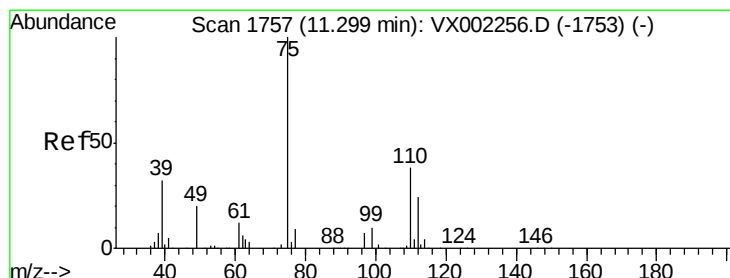
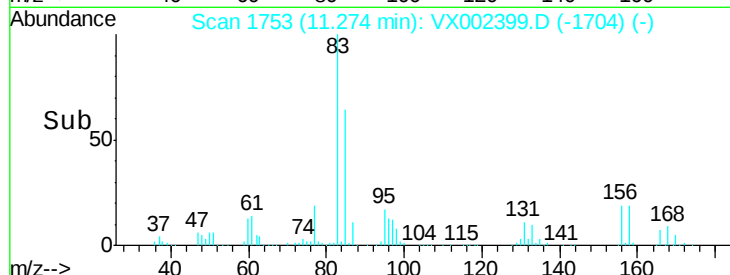
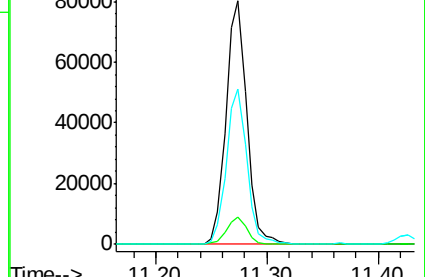
85 63.2 32.4 97.2



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: 21.79 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002399.D

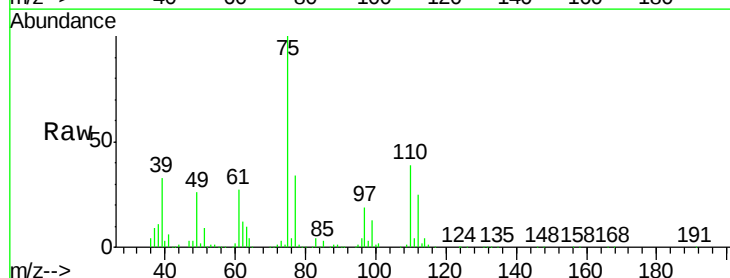
Acq: 08 Jun 2018 13:55

Tgt Ion: 75 Resp: 116442

Ion	Ratio	Lower	Upper
75	100		
77	33.2	22.8	68.3

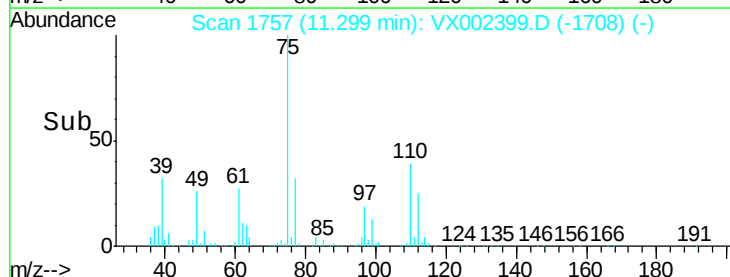
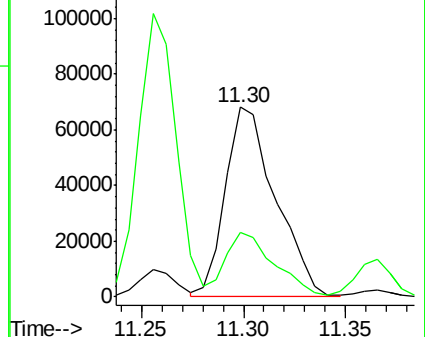
75 100

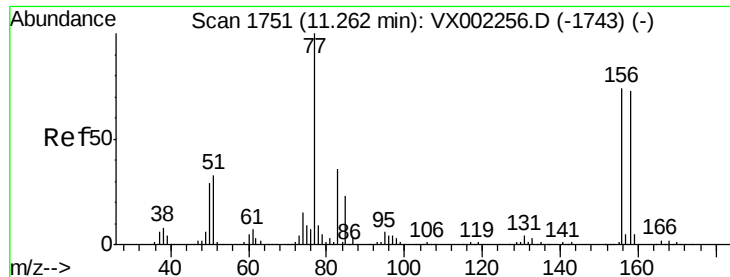
77 33.2 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.48 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA_X

ClientSampled :

VX0608WBS02

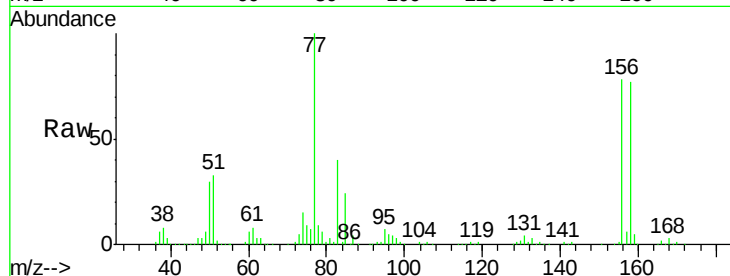
Tot Ion:156 Resp: 92669

Ion Ratio Lower Upper

156 100

77 140.0 71.4 214.2

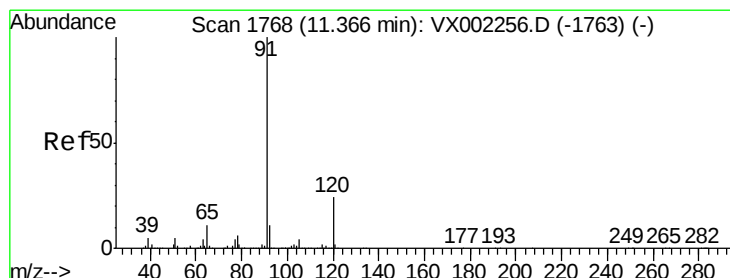
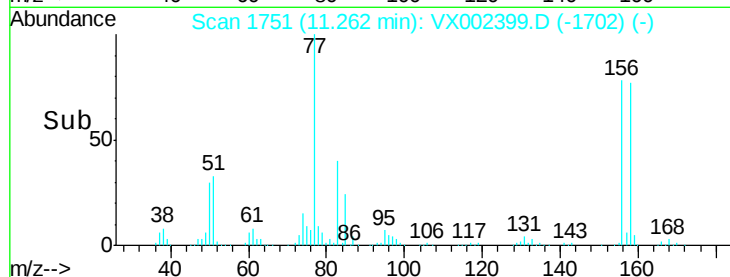
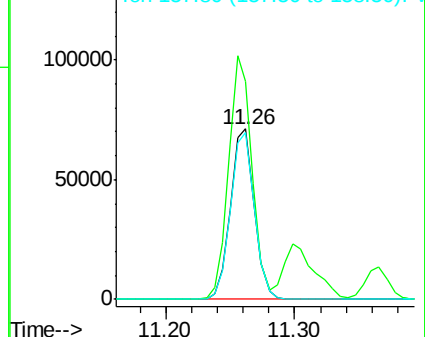
158 97.9 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.64 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002399.D

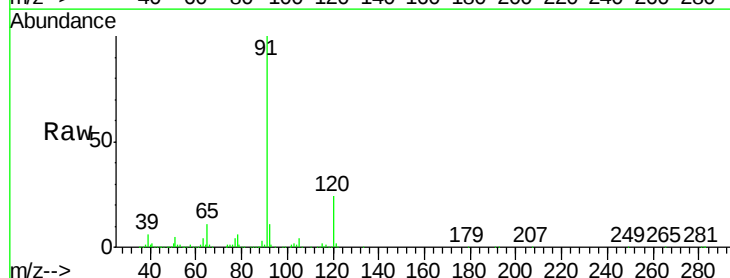
Acq: 08 Jun 2018 13:55

Tgt Ion: 91 Resp: 388806

Ion Ratio Lower Upper

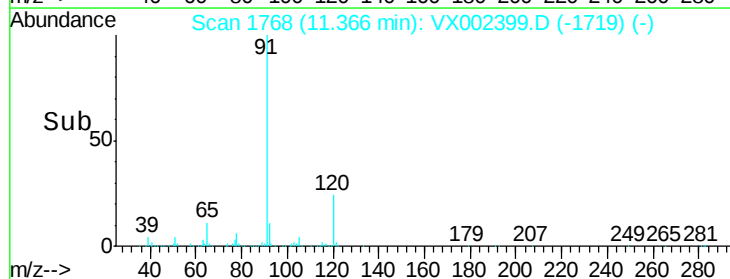
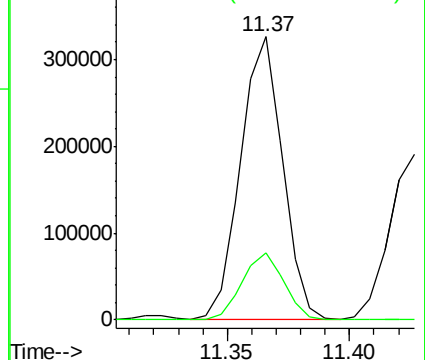
91 100

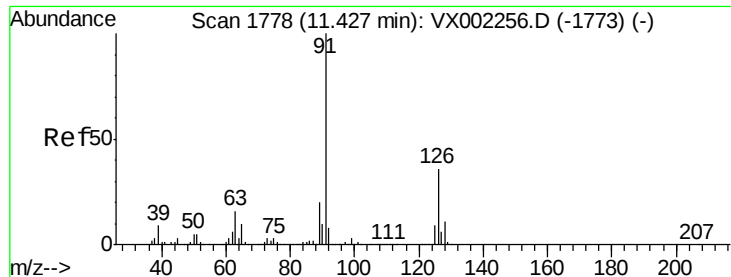
120 23.8 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.56 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA_X

ClientSampleId :

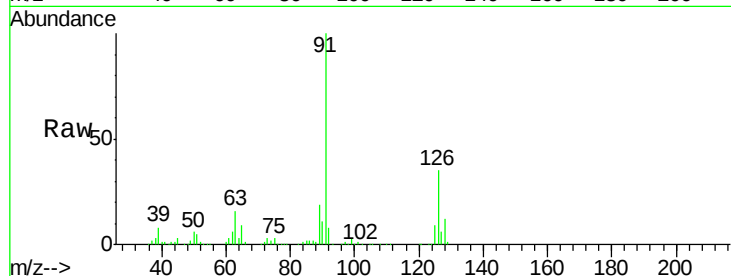
VX0608WBS02

Tot Ion: 91 Resp: 232561

Ion Ratio Lower Upper

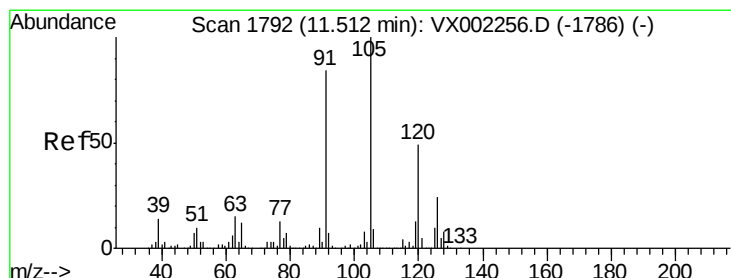
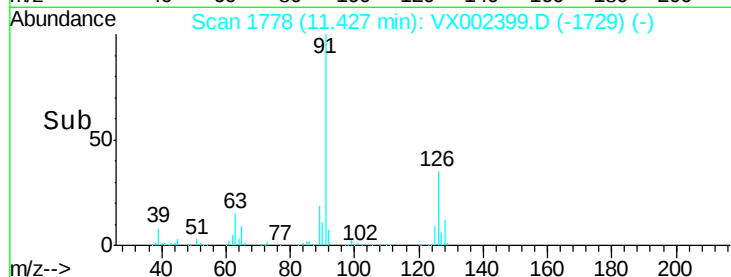
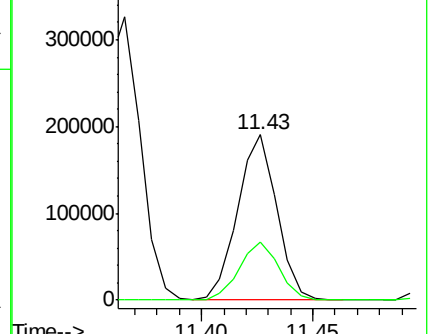
91 100

126 35.8 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.06 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002399.D

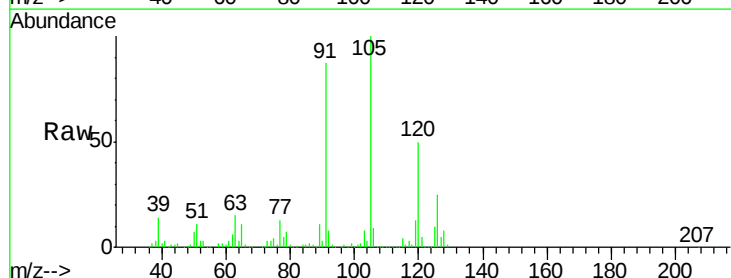
Acq: 08 Jun 2018 13:55

Tgt Ion:105 Resp: 291628

Ion Ratio Lower Upper

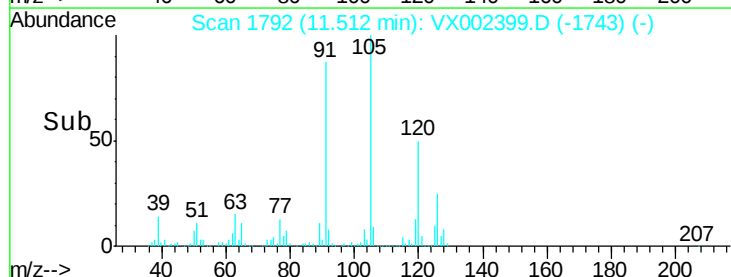
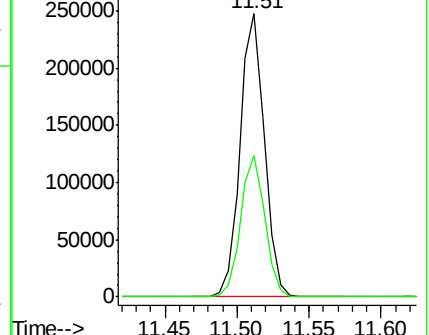
105 100

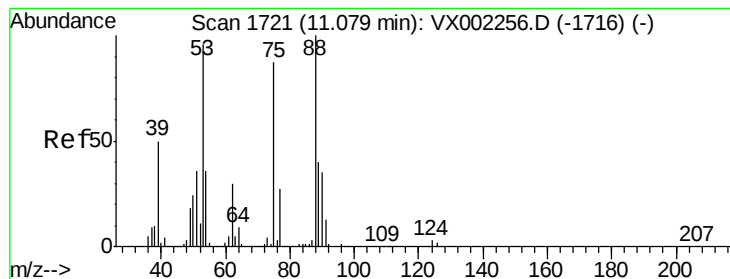
120 49.8 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 16.49 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

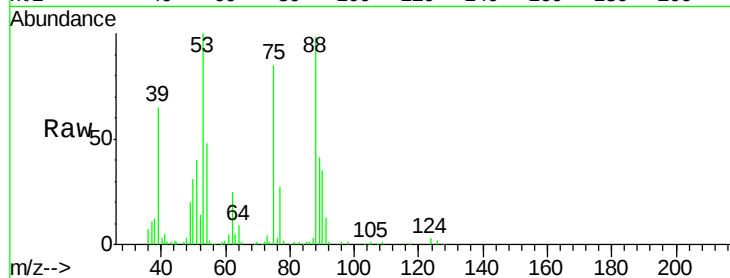
MSVOA_X

ClientSampleId :

VX0608WBS02

Tot Ion: 75 Resp: 25139

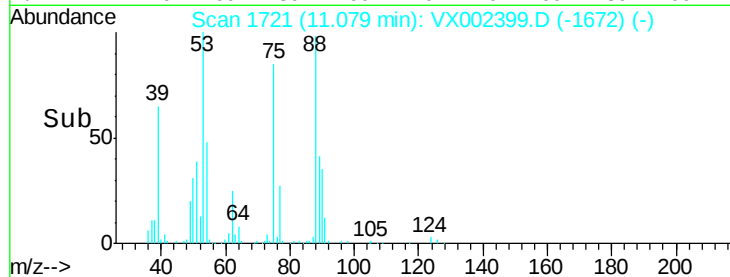
Ion	Ratio	Lower	Upper
75	100		
53	120.2	86.8	130.2
89	48.0	38.2	57.2



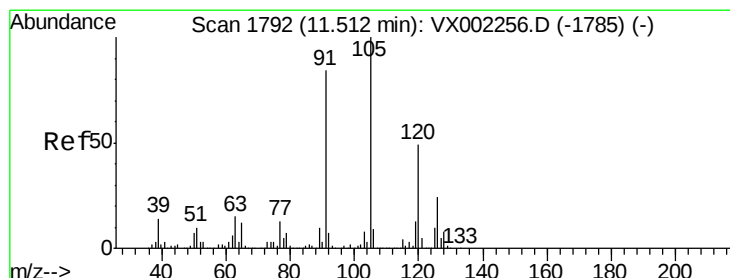
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



Time-->



#82

4-Chlorotoluene

Concen: 19.91 ug/l

RT: 11.51 min Scan# 1792

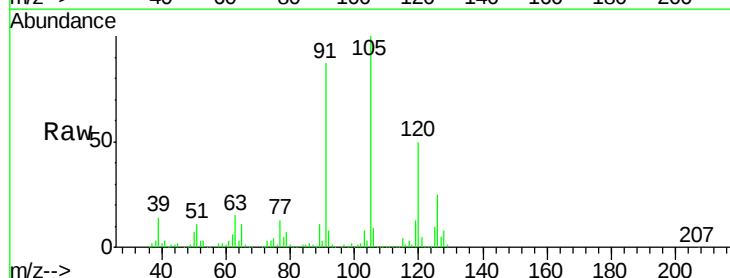
Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

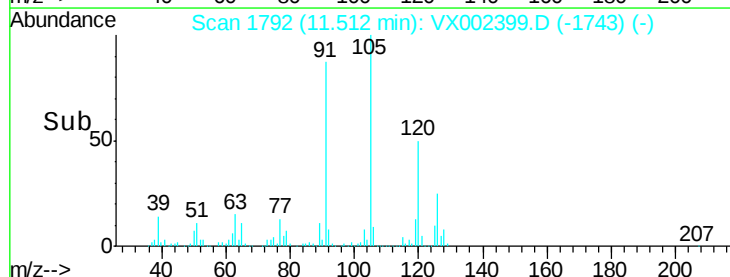
Tgt Ion: 91 Resp: 273312

Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.4	46.4

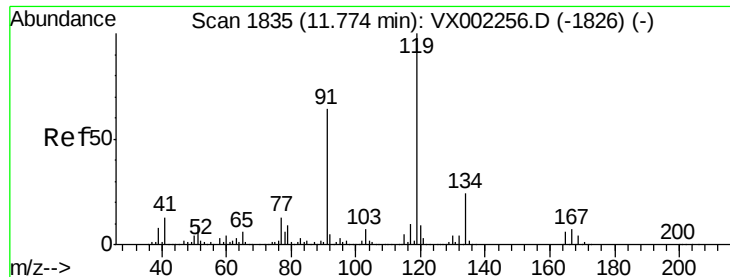


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



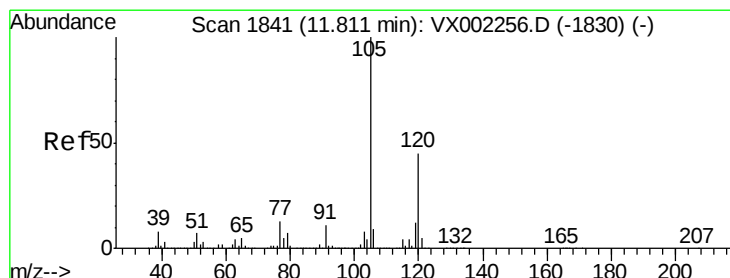
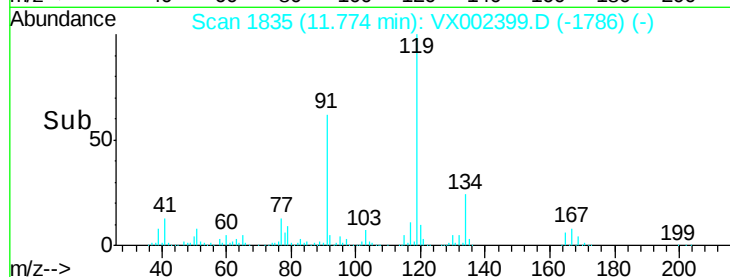
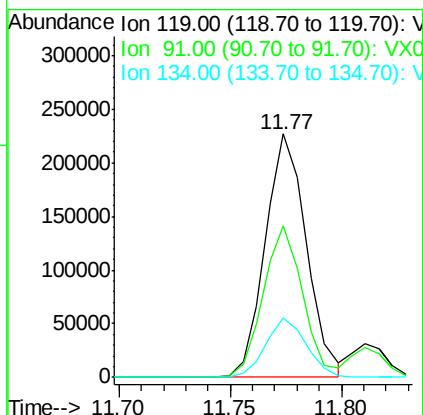
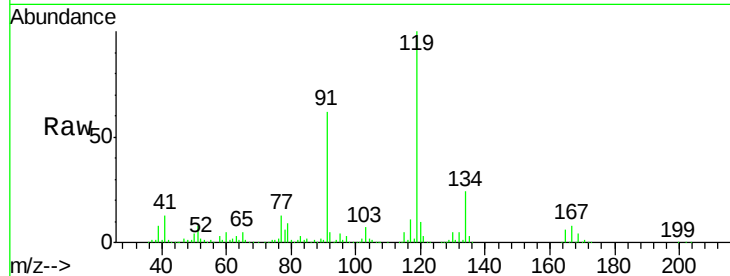
Time-->



#83
 tert-Butylbenzene
 Concen: 20.61 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002399.D
 Acq: 08 Jun 2018 13:55

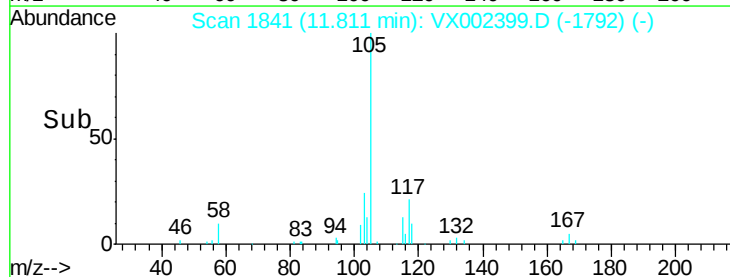
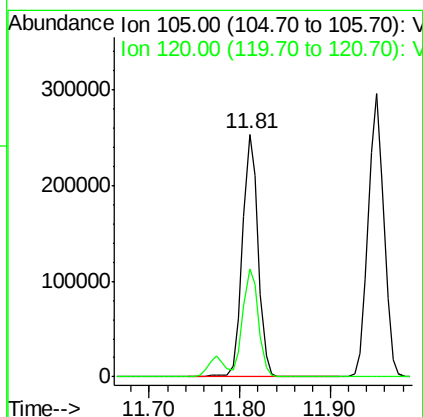
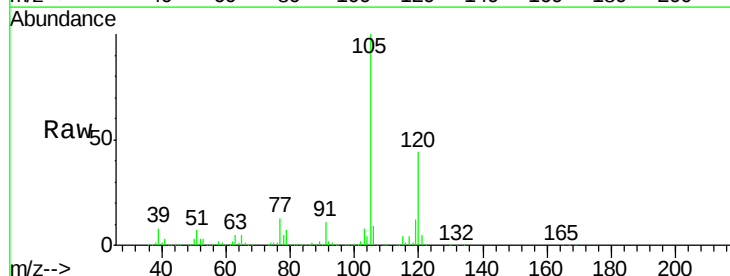
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS02

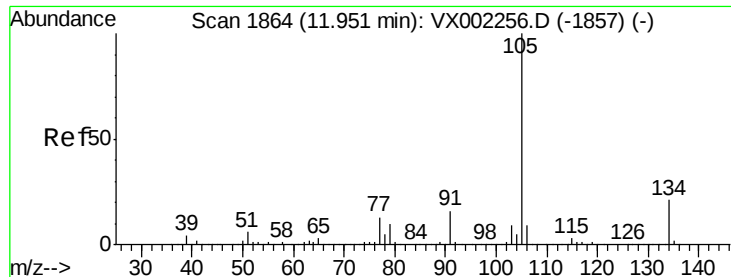
Tot Ion:119 Resp: 291632
 Ion Ratio Lower Upper
 119 100
 91 60.0 30.3 90.9
 134 23.8 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.19 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002399.D
 Acq: 08 Jun 2018 13:55

Tgt Ion:105 Resp: 302127
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.3 66.8





#85

sec-Butylbenzene

Concen: 21.48 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA_X

ClientSampled :

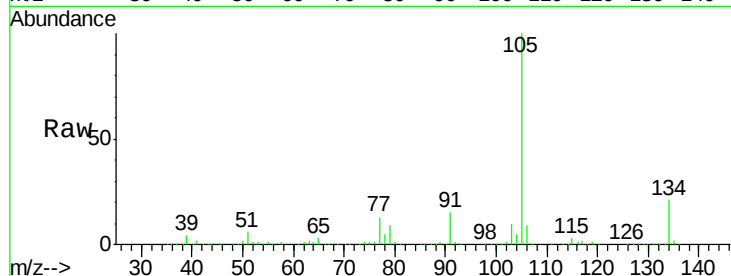
VX0608WBS02

Tot Ion:105 Resp: 356431

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

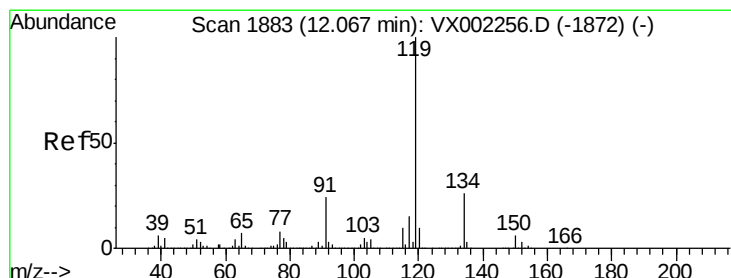
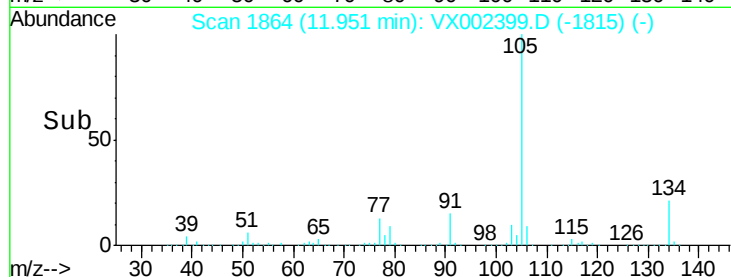
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.09 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

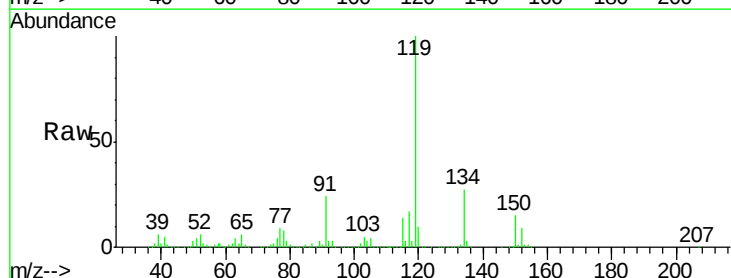
Tgt Ion:119 Resp: 318767

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

91 24.3 11.9 35.7



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): V

12.07

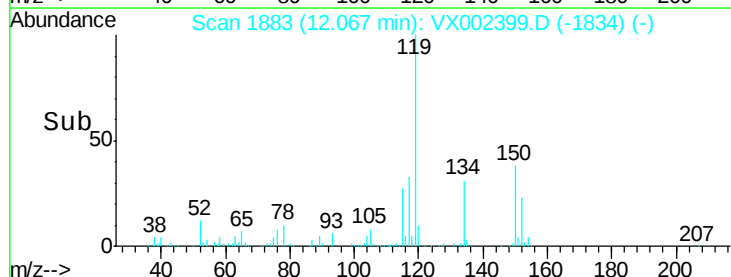
300000

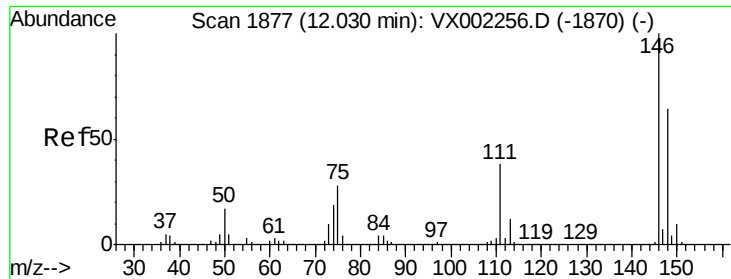
200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.63 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS02

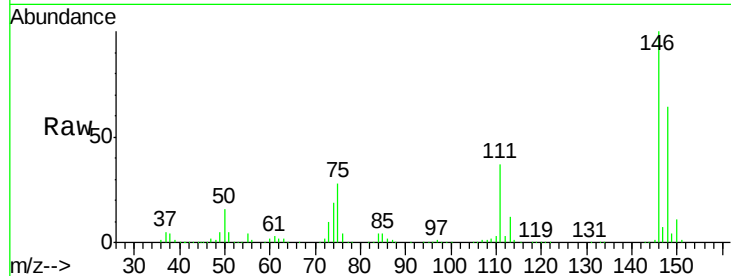
Tot Ion:146 Resp: 167007

Ion Ratio Lower Upper

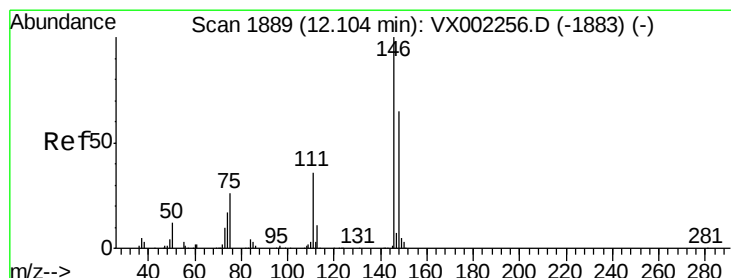
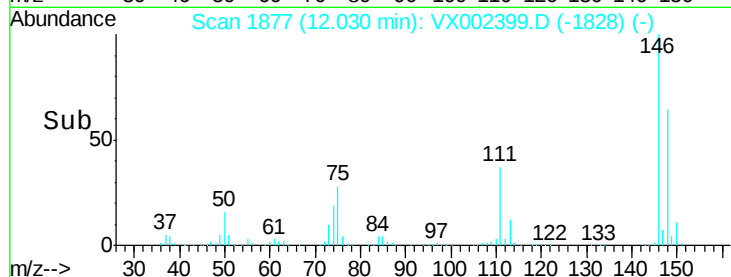
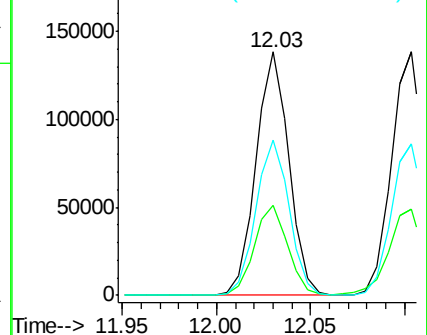
146 100

111 37.5 18.9 56.7

148 64.8 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 19.57 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

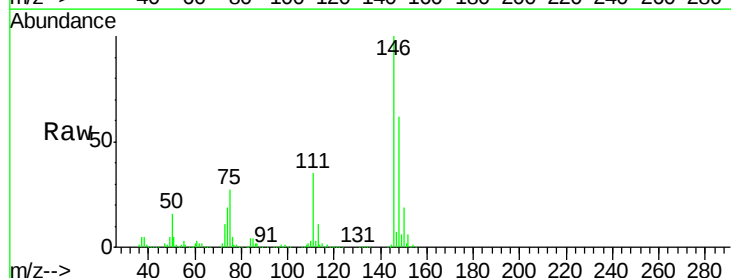
Tgt Ion:146 Resp: 171612

Ion Ratio Lower Upper

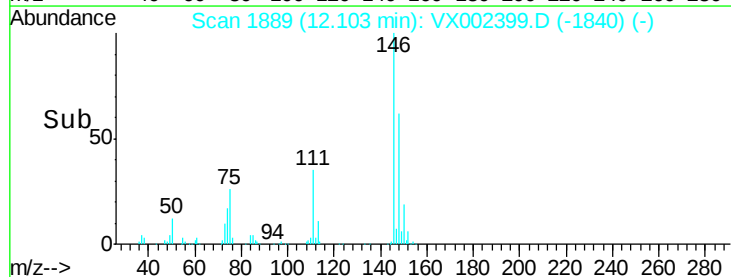
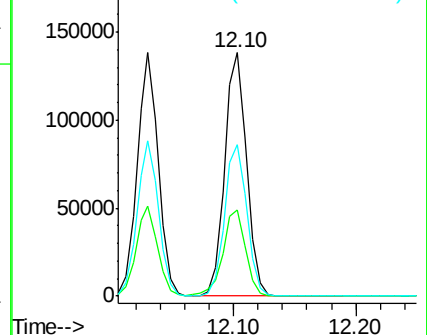
146 100

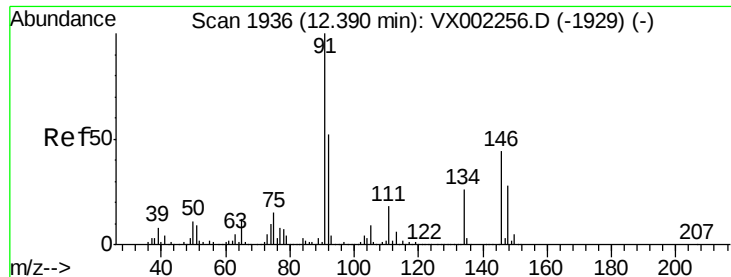
111 37.1 18.7 56.1

148 63.5 32.4 97.0



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: 21.38 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA_X

ClientSampled :

VX0608WBS02

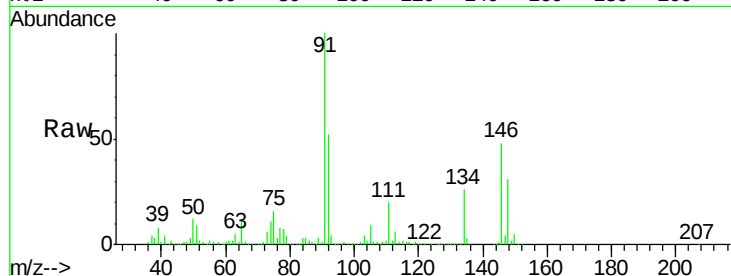
Tot Ion: 91 Resp: 270946

Ion Ratio Lower Upper

91 100

92 51.5 26.0 78.0

134 27.3 13.5 40.5

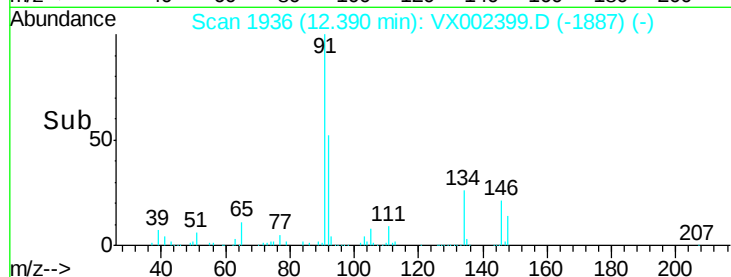


Abundance Ion 91.00 (90.70 to 91.70): VX002256.D (-1929) (-)

Ion 92.00 (91.70 to 92.70): VX002256.D (-1929) (-)

Ion 134.00 (133.70 to 134.70): VX002256.D (-1929) (-)

Time-->

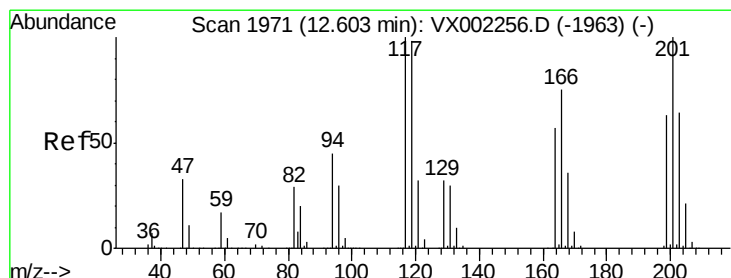


Abundance Ion 91.00 (90.70 to 91.70): VX002399.D (-1887) (-)

Ion 92.00 (91.70 to 92.70): VX002399.D (-1887) (-)

Ion 134.00 (133.70 to 134.70): VX002399.D (-1887) (-)

Time-->



#90

Hexachloroethane

Concen: 18.39 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002399.D

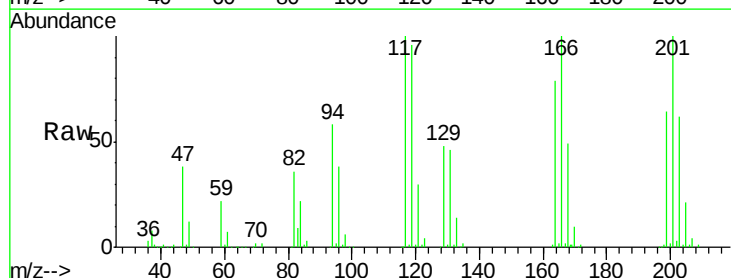
Acq: 08 Jun 2018 13:55

Tgt Ion: 117 Resp: 44358

Ion Ratio Lower Upper

117 100

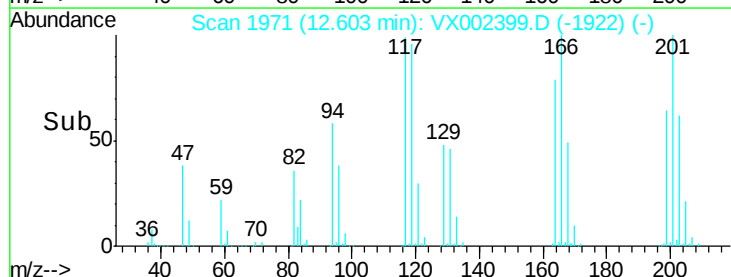
201 95.0 49.0 147.0



Abundance Ion 116.80 (116.50 to 117.50): VX002256.D (-1963) (-)

Ion 200.70 (200.40 to 201.40): VX002256.D (-1963) (-)

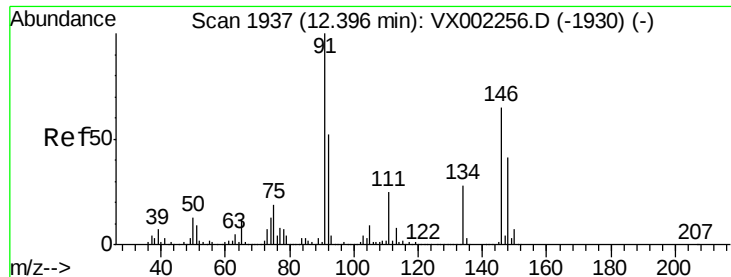
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VX002399.D (-1922) (-)

Ion 200.70 (200.40 to 201.40): VX002399.D (-1922) (-)

Time-->



#91

1,2-Dichlorobenzene

Concen: 19.56 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS02

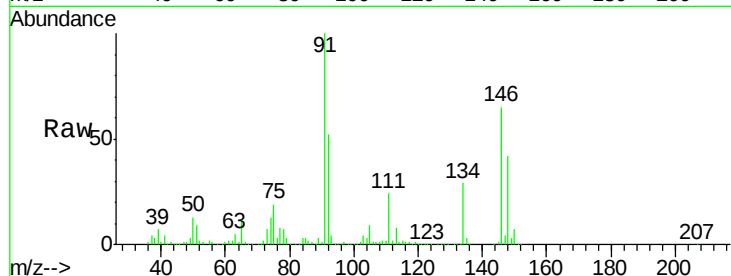
Tot Ion:146 Resp: 172168

Ion Ratio Lower Upper

146 100

111 38.4 19.4 58.1

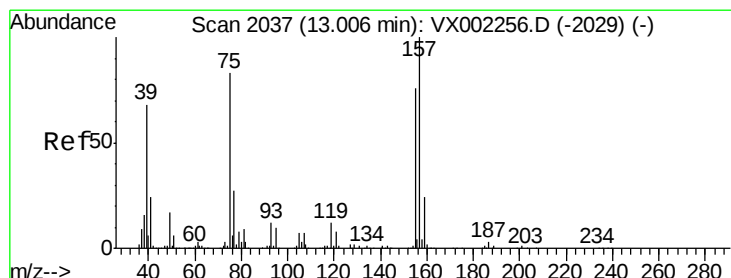
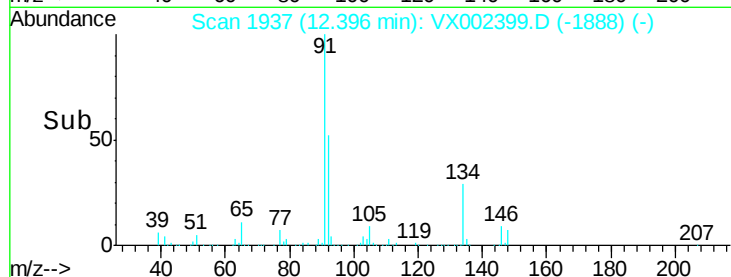
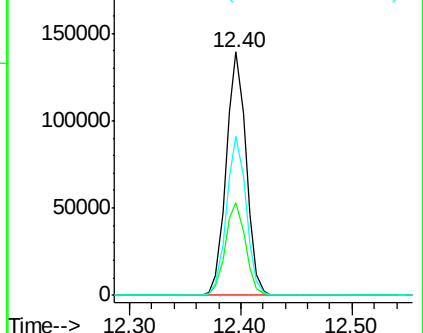
148 64.5 31.7 95.1



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: 19.13 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

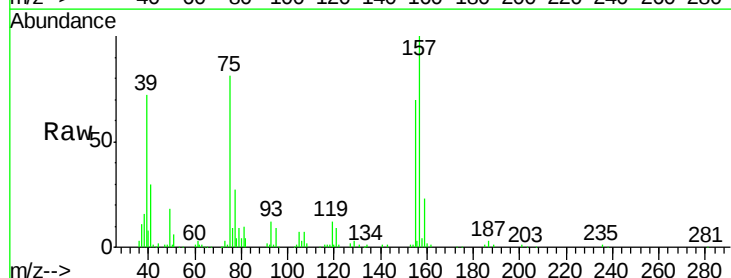
Tgt Ion: 75 Resp: 22292

Ion Ratio Lower Upper

75 100

155 89.0 45.8 137.4

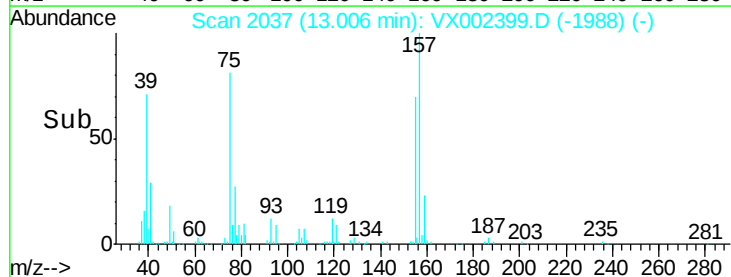
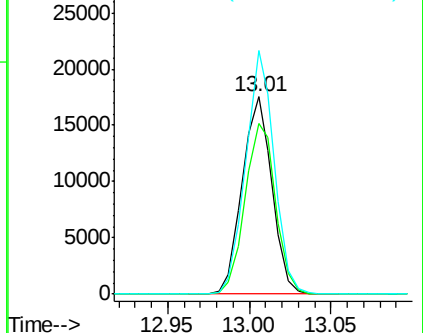
157 118.4 60.1 180.3

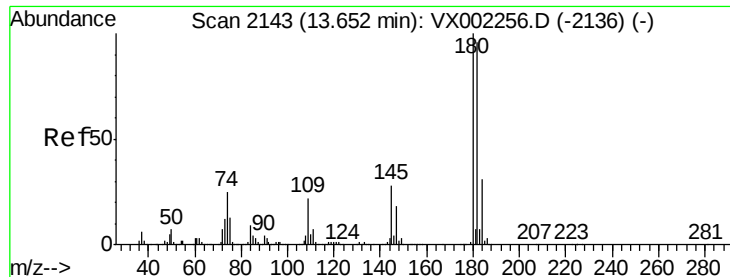


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

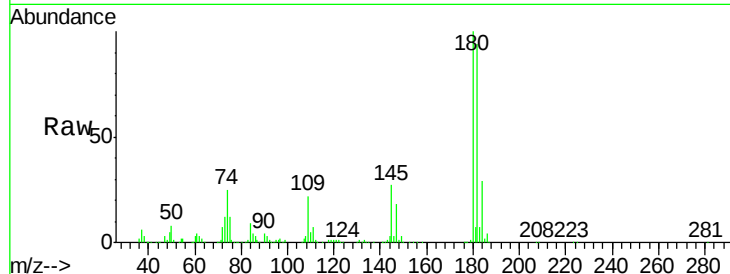




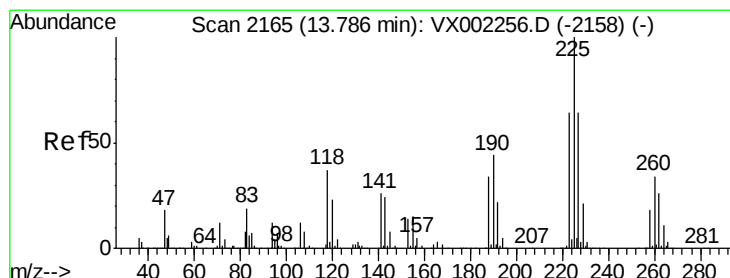
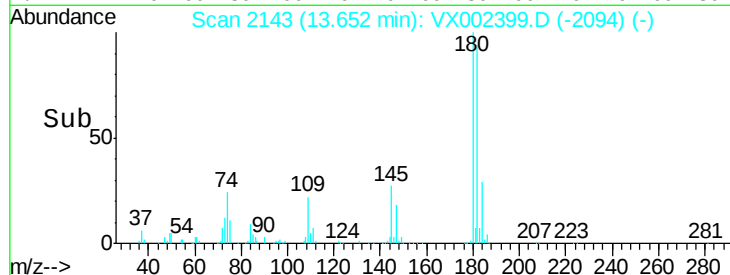
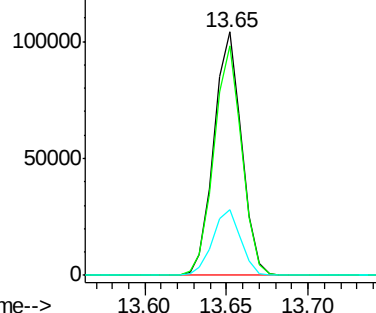
#93
 1,2,4-Trichlorobenzene
 Concen: 19.98 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002399.D
 Acq: 08 Jun 2018 13:55

Instrument :
 MSVOA_X
 ClientSampled :
 VX0608WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.7	143.1
145	27.5	14.1	42.4

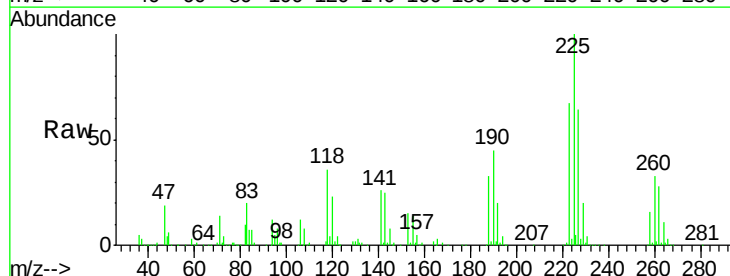


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

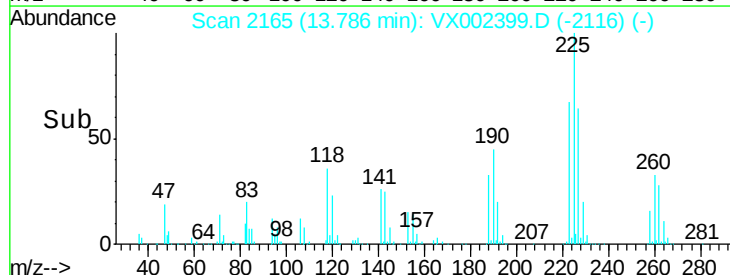
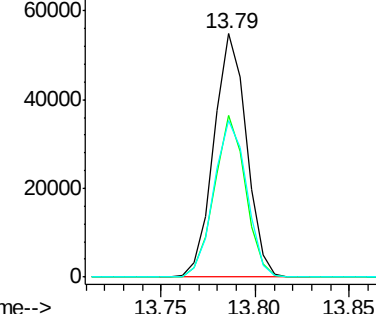


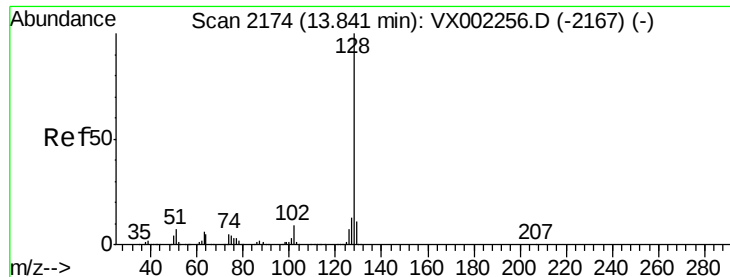
#94
 Hexachlorobutadiene
 Concen: 21.64 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002399.D
 Acq: 08 Jun 2018 13:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.6	95.0
227	64.9	32.4	97.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

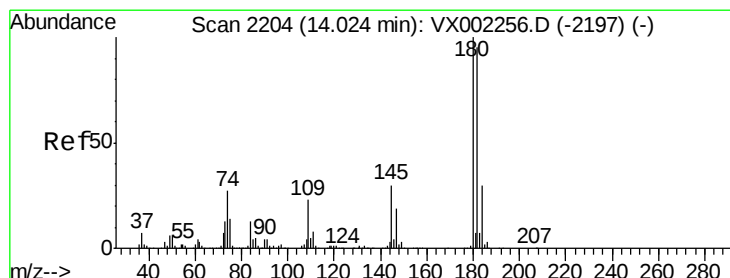
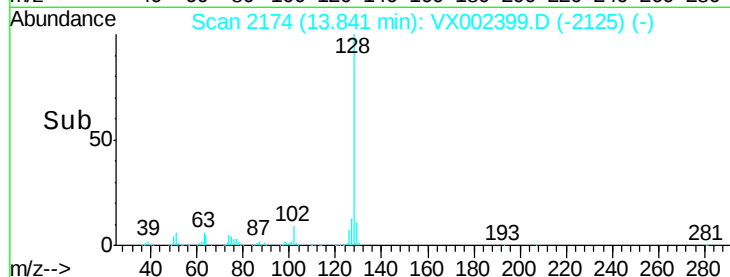
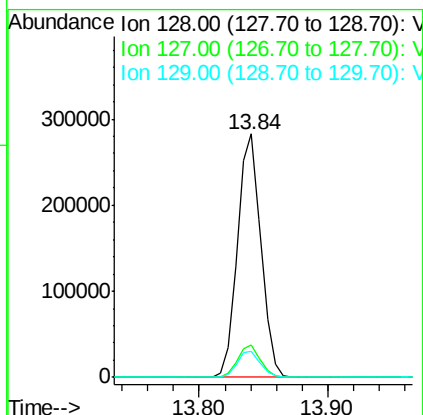
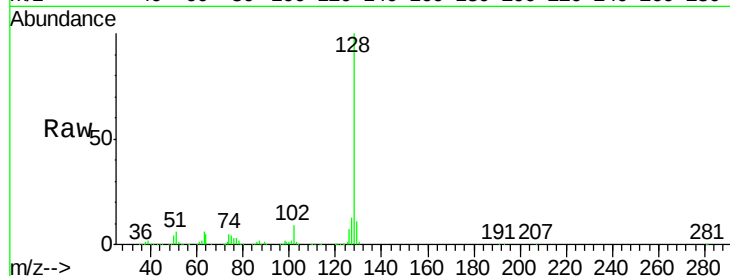




#95
Naphthalene
Concen: 20.08 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002399.D
Acq: 08 Jun 2018 13:55

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS02

Tot Ion:128 Resp: 356034
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.15 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002399.D
Acq: 08 Jun 2018 13:55

Tgt Ion:180 Resp: 126791
Ion Ratio Lower Upper
180 100
182 95.5 48.0 144.0
145 29.4 14.8 44.3

