

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071118\
 Data File : VX003322.D
 Acq On : 11 Jul 2018 16:22
 Operator : JC/MD
 Sample : VX0711WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS01

Quant Time: Jul 12 00:55:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	246650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	322445	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	297023	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201696	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	194486	50.10	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.20%	
35) Dibromofluoromethane	5.50	113	169427	48.91	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.82%	
50) Toluene-d8	8.72	98	621403	50.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.00%	
62) 4-Bromofluorobenzene	11.14	95	226999	49.93	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	85104	22.70	ug/l	94
3) Chloromethane	1.32	50	82331	24.15	ug/l	97
4) Vinyl Chloride	1.40	62	93437	26.70	ug/l	98
5) Bromomethane	1.64	94	34431	33.93	ug/l	99
6) Chloroethane	1.72	64	56650	29.22	ug/l	92
7) Trichlorofluoromethane	1.93	101	129719	24.94	ug/l	90
8) Diethyl Ether	2.19	74	52673	28.01	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	80539	26.44	ug/l	94
10) Methyl Iodide	2.51	142	61249	21.81	ug/l	95
11) Tert butyl alcohol	3.07	59	96574	137.23	ug/l	100
12) 1,1-Dichloroethene	2.37	96	73782	26.62	ug/l	91
13) Acrolein	2.29	56	69760	123.01	ug/l	97
14) Allyl chloride	2.73	41	133013	25.91	ug/l	88
15) Acrylonitrile	3.15	53	221387	140.88	ug/l	96
16) Acetone	2.45	43	180938	131.29	ug/l	97
17) Carbon Disulfide	2.57	76	191839	24.91	ug/l	97
18) Methyl Acetate	2.78	43	119357	30.70	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	230116	24.86	ug/l	98
20) Methylene Chloride	2.86	84	88814	31.18	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	74480	25.21	ug/l	95
22) Diisopropyl ether	3.87	45	251304	24.06	ug/l	98
23) Vinyl Acetate	3.82	43	1039011	117.17	ug/l	99
24) 1,1-Dichloroethane	3.70	63	143671	26.43	ug/l	98
25) 2-Butanone	4.71	43	260776	106.94	ug/l	93
26) 2,2-Dichloropropane	4.59	77	96315	20.26	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	75621	20.83	ug/l	95
28) Bromochloromethane	5.02	49	64256	23.46	ug/l	95
29) Tetrahydrofuran	5.17	42	168720	106.60	ug/l	94
30) Chloroform	5.22	83	128323	21.46	ug/l	98
31) Cyclohexane	5.57	56	109087	21.43	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	104832	19.87	ug/l	98
36) 1,1-Dichloropropene	5.80	75	93448	20.47	ug/l	99
37) Ethyl Acetate	4.87	43	99533	19.89	ug/l	96
38) Carbon Tetrachloride	5.78	117	89498	17.92	ug/l	99

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 Misc : 5.0mL/MSVOA X/WATER
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 ClientSampleId :
 VX0711WBS01

Quant Time: Jul 12 00:55:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	108268	20.13	ug/l	95
40) Benzene	6.14	78	273354	20.21	ug/l	100
41) Methacrylonitrile	5.06	41	55769	20.36	ug/l	94
42) 1,2-Dichloroethane	6.20	62	95518	18.90	ug/l	97
43) Isopropyl Acetate	6.47	43	148889	18.95	ug/l	97
44) Trichloroethene	7.21	130	78723	19.68	ug/l	99
45) 1,2-Dichloropropane	7.52	63	70172	19.95	ug/l	99
46) Dibromomethane	7.67	93	46273	19.30	ug/l	99
47) Bromodichloromethane	7.90	83	84958	19.21	ug/l	97
48) Methyl methacrylate	7.78	41	77515	19.23	ug/l	88
49) 1,4-Dioxane	7.76	88	33786	400.94	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	491565	100.48	ug/l	94
52) Toluene	8.79	92	172330	20.15	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	101436	19.49	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	89702	18.94	ug/l	94
55) 1,1,2-Trichloroethane	9.22	97	69300	19.54	ug/l	98
56) Ethyl methacrylate	9.18	69	98177	20.21	ug/l #	89
57) 1,3-Dichloropropane	9.37	76	114606	20.06	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	263335	112.36	ug/l	100
59) 2-Hexanone	9.50	43	378022	101.74	ug/l	92
60) Dibromochloromethane	9.59	129	66366	17.92	ug/l	100
61) 1,2-Dibromoethane	9.68	107	70784	19.04	ug/l	99
64) Tetrachloroethene	9.34	164	86758	19.32	ug/l	95
65) Chlorobenzene	10.14	112	192001	19.02	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	67296	18.48	ug/l	98
67) Ethyl Benzene	10.26	91	326191	19.99	ug/l	99
68) m/p-Xylenes	10.36	106	254581	40.10	ug/l	97
69) o-Xylene	10.70	106	121042	19.68	ug/l	99
70) Styrene	10.71	104	200236	20.08	ug/l	98
71) Bromoform	10.86	173	49943	16.67	ug/l #	99
73) Isopropylbenzene	11.02	105	329488	20.69	ug/l	100
74) N-amyl acetate	6.47	43	148889	19.60	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	101837	20.62	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	113139	25.96	ug/l	81
77) Bromobenzene	11.26	156	88206	19.18	ug/l	99
78) n-propylbenzene	11.36	91	382142	21.58	ug/l	100
79) 2-Chlorotoluene	11.42	91	226025	20.95	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	278840	21.03	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	25541	19.15	ug/l	97
82) 4-Chlorotoluene	11.51	91	264522	21.00	ug/l	99
83) tert-Butylbenzene	11.77	119	264603	19.98	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	282814	20.83	ug/l	98
85) sec-Butylbenzene	11.95	105	330129	21.09	ug/l	99
86) p-Isopropyltoluene	12.07	119	297200	20.84	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	163093	19.34	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	164566	19.27	ug/l	100
89) n-Butylbenzene	12.39	91	258001	21.65	ug/l	99
90) Hexachloroethane	12.60	117	39503	18.14	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	162356	19.17	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19906	18.78	ug/l	97

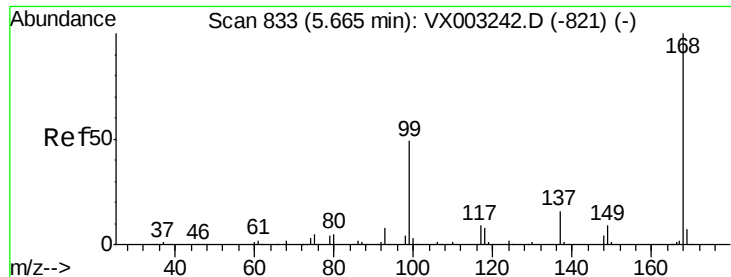
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071118\
Data File : VX003322.D
Acq On : 11 Jul 2018 16:22
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Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Jul 12 00:55:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 09 15:24:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	113118	18.35	ug/l	100
94) Hexachlorobutadiene	13.79	225	54621	17.80	ug/l	98
95) Naphthalene	13.84	128	325689	20.20	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	115176	18.74	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

Instrument :

MSVOA_X

ClientSampleId :

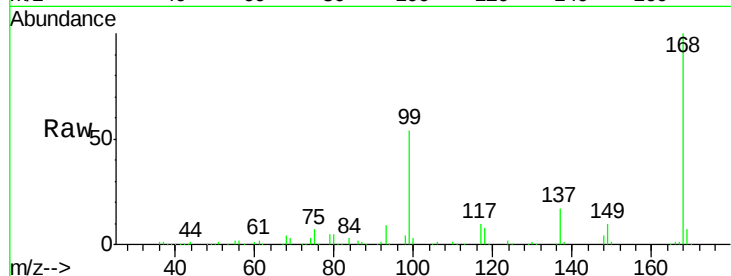
VX0711WBS01

Tot Ion:168 Resp: 246650

Ion Ratio Lower Upper

168 100

99 54.3 39.3 58.9

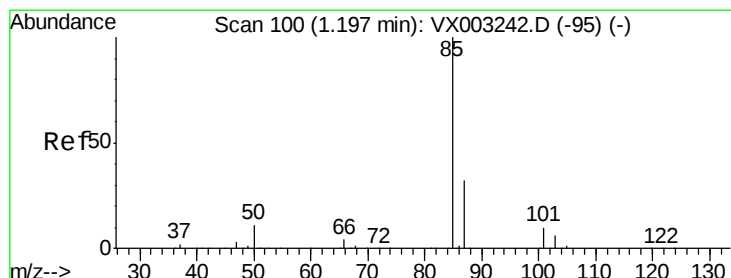
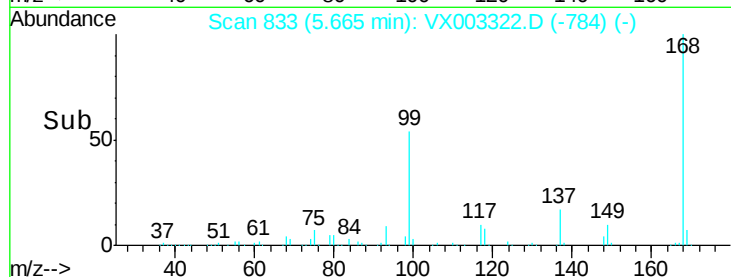


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time-->



#2

Dichlorodifluoromethane

Concen: 22.70 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX003322.D

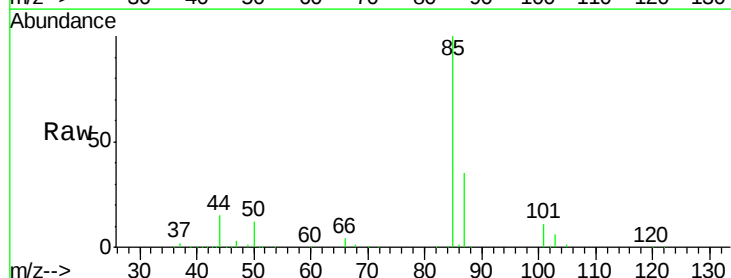
Acq: 11 Jul 2018 16:22

Tgt Ion: 85 Resp: 85104

Ion Ratio Lower Upper

85 100

87 35.4 16.0 47.9

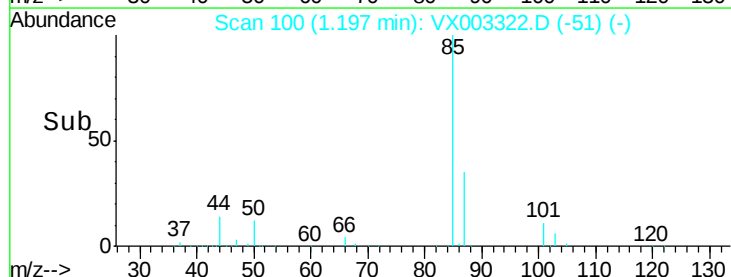


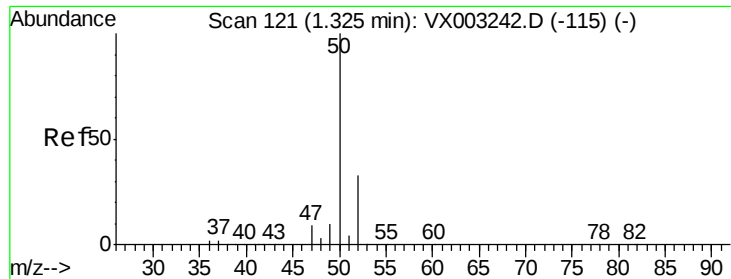
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->

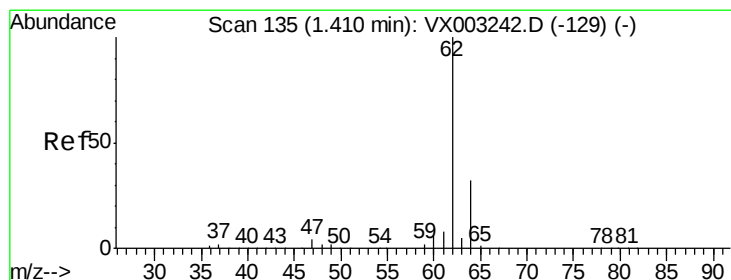
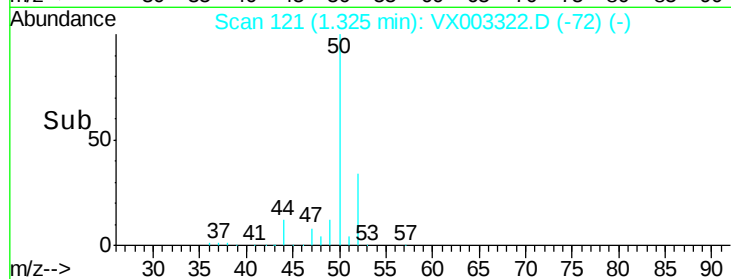
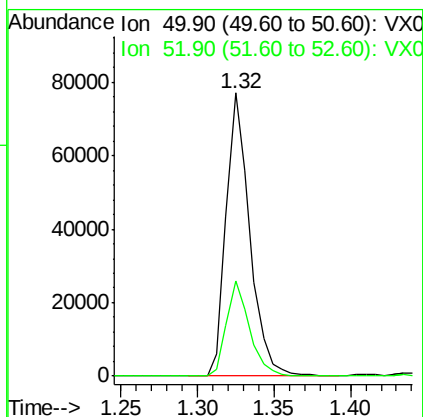
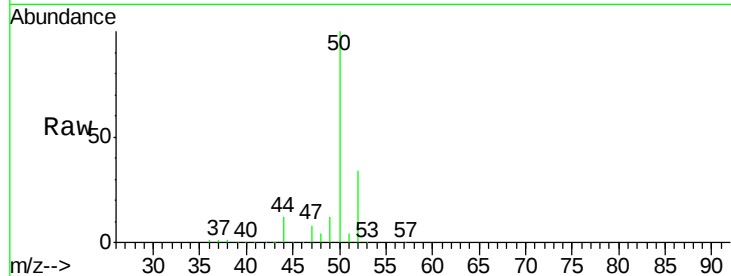




#3
Chloromethane
Concen: 24.15 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX003322.D
Acq: 11 Jul 2018 16:22

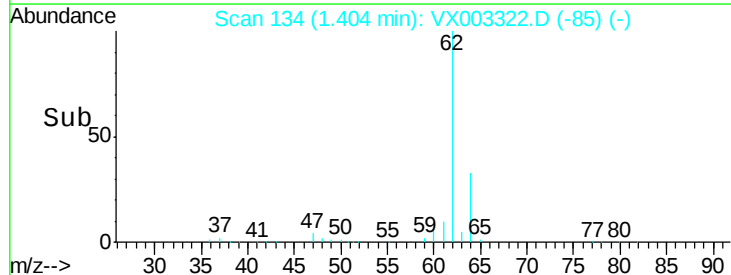
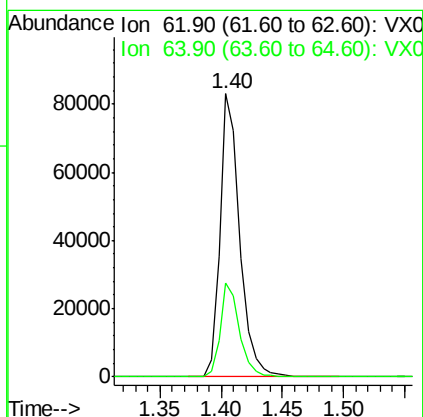
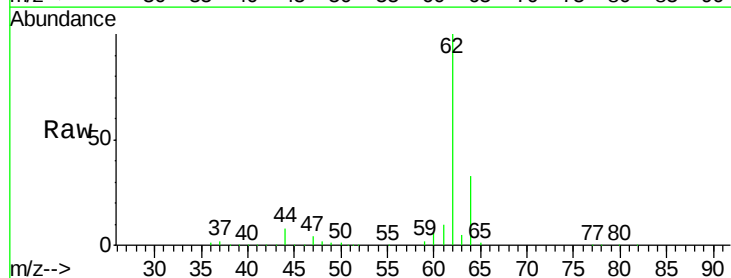
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS01

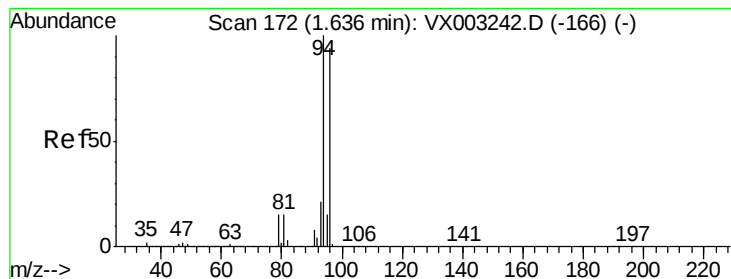
Tot Ion: 50 Resp: 82331
Ion Ratio Lower Upper
50 100
52 33.6 25.7 38.5



#4
Vinyl Chloride
Concen: 26.70 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX003322.D
Acq: 11 Jul 2018 16:22

Tgt Ion: 62 Resp: 93437
Ion Ratio Lower Upper
62 100
64 33.2 25.4 38.2





#5

Bromomethane

Concen: 33.93 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

Instrument :

MSVOA_X

ClientSampleId :

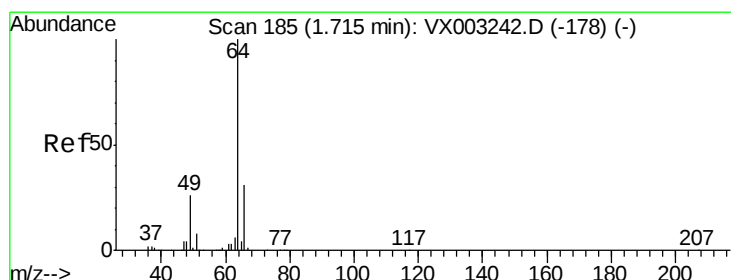
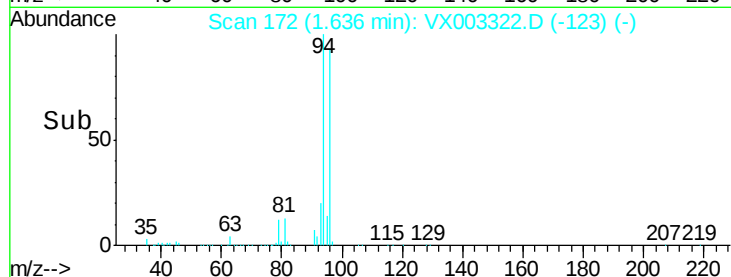
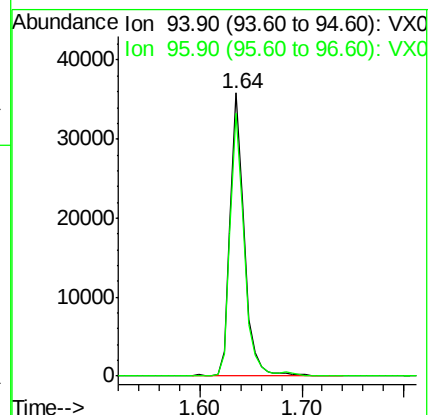
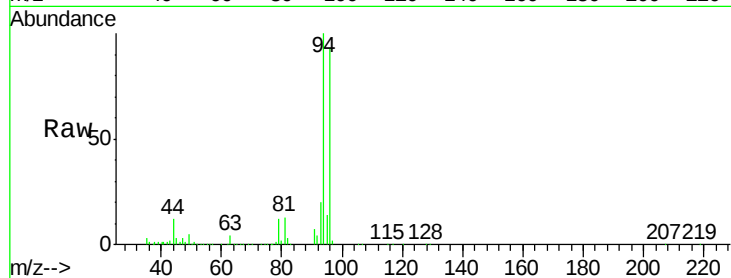
VX0711WBS01

Tot Ion: 94 Resp: 34431

Ion Ratio Lower Upper

94 100

96 92.9 74.9 112.3



#6

Chloroethane

Concen: 29.22 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003322.D

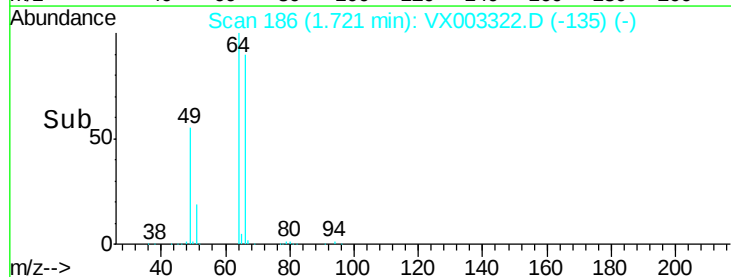
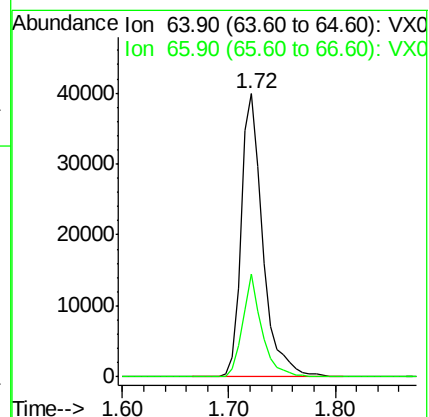
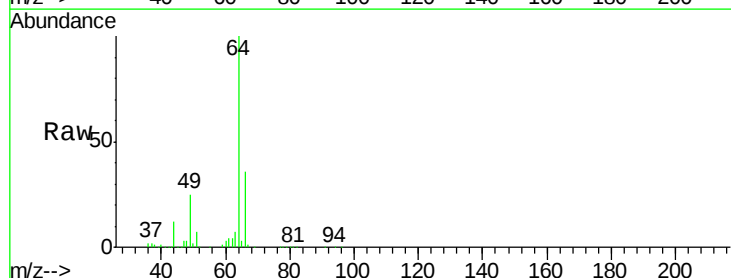
Acq: 11 Jul 2018 16:22

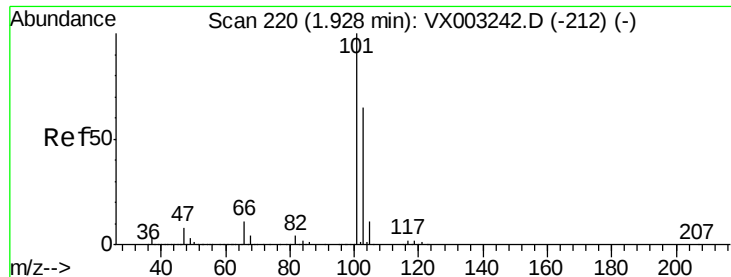
Tgt Ion: 64 Resp: 56650

Ion Ratio Lower Upper

64 100

66 36.2 25.5 38.3





#7

Trichlorofluoromethane

Concen: 24.94 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

Instrument :

MSVOA_X

ClientSampleId :

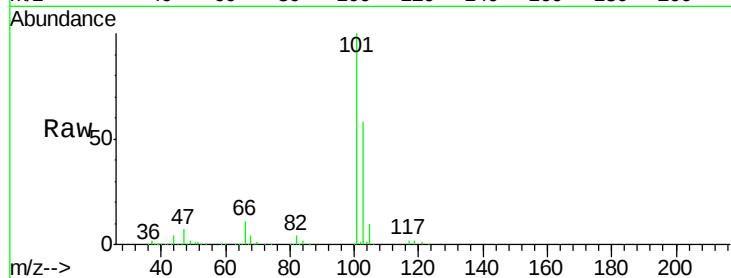
VX0711WBS01

Tot Ion:101 Resp: 129719

Ion Ratio Lower Upper

101 100

103 58.2 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.93

80000

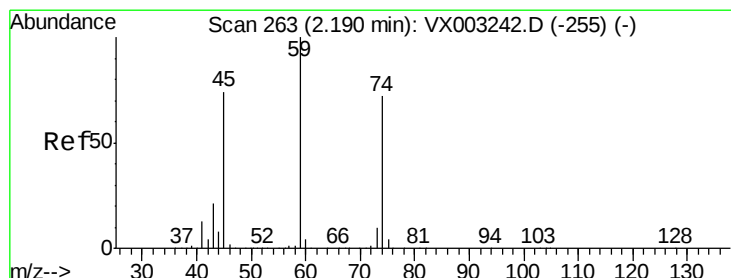
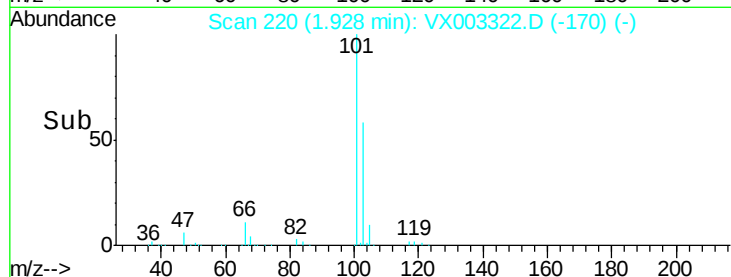
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 28.01 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX003322.D

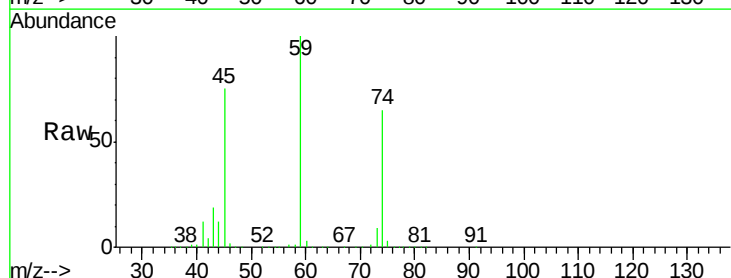
Acq: 11 Jul 2018 16:22

Tgt Ion: 74 Resp: 52673

Ion Ratio Lower Upper

74 100

45 105.8 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.19

40000

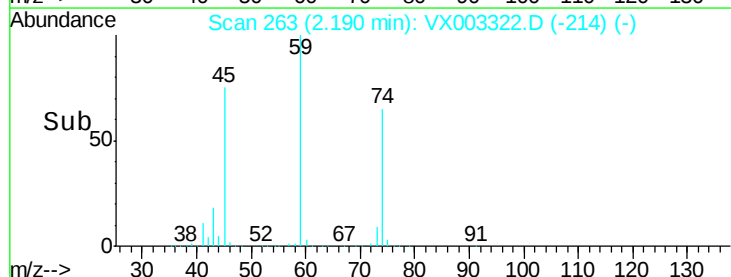
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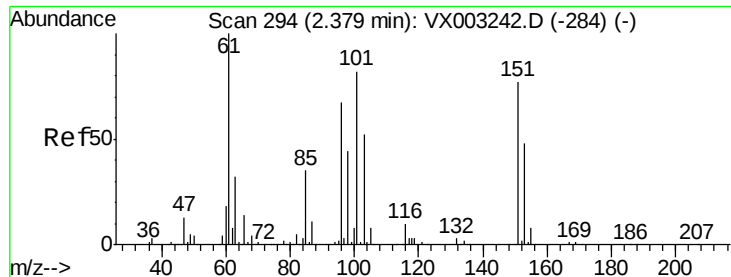
20000

10000

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 26.44 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS01

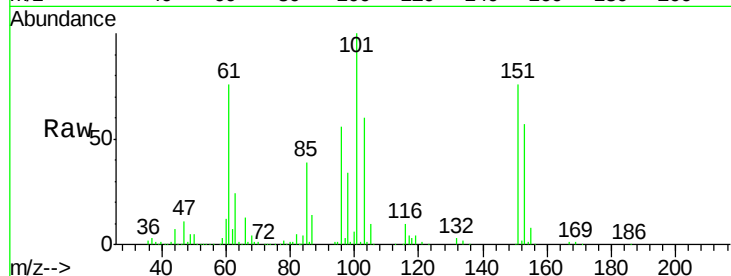
Tot Ion:101 Resp: 80539

Ion Ratio Lower Upper

101 100

85 41.3 36.0 54.0

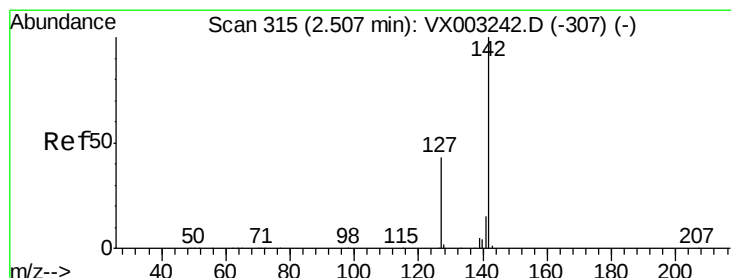
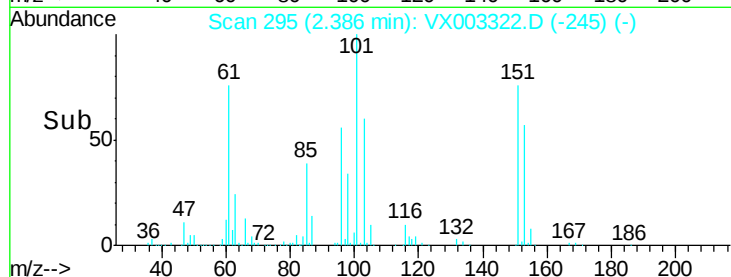
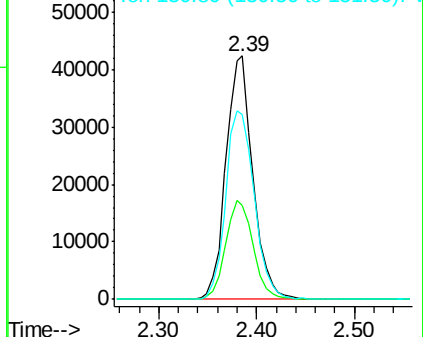
151 82.4 70.9 106.3



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: 21.81 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

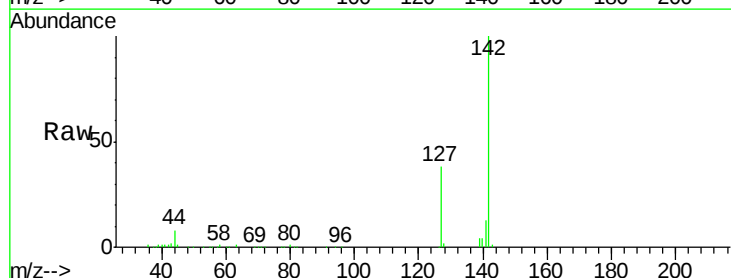
Tgt Ion:142 Resp: 61249

Ion Ratio Lower Upper

142 100

127 41.8 36.6 55.0

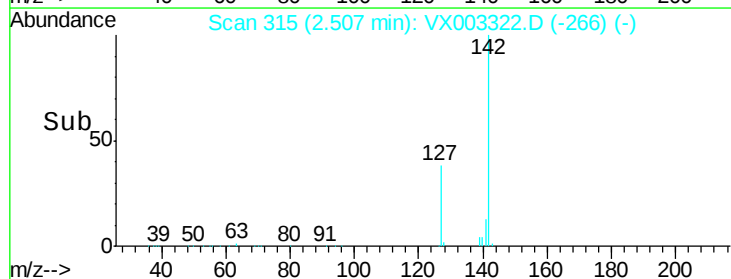
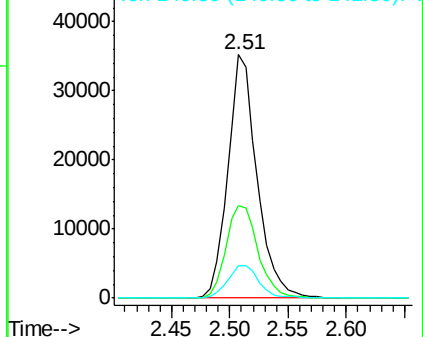
141 14.6 11.3 16.9

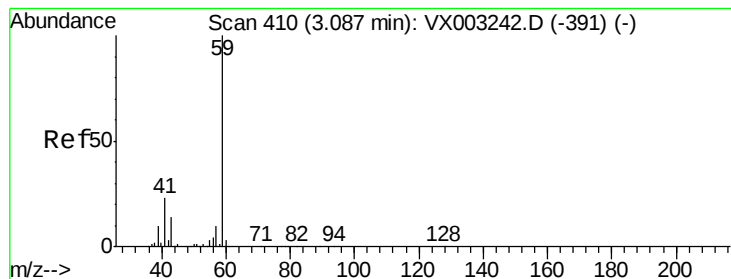


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



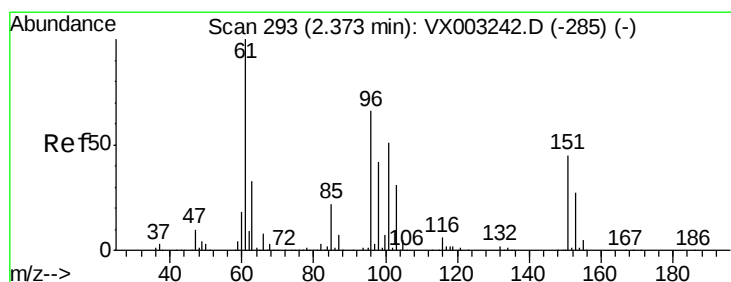
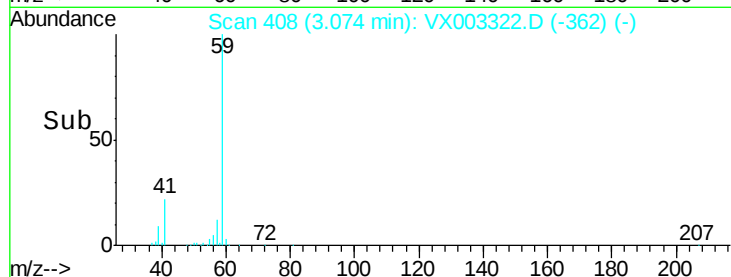
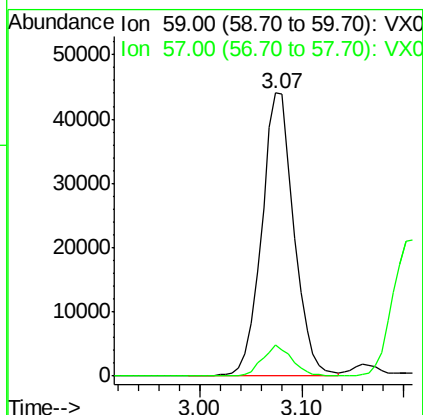
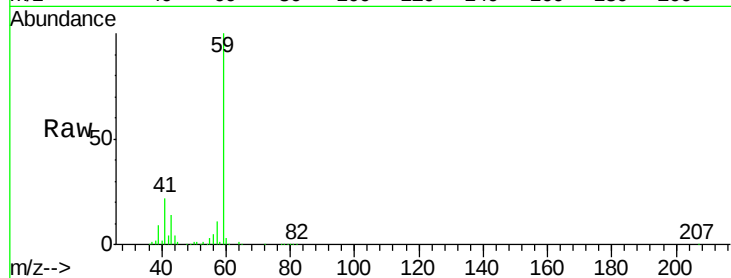


#11

Tert butyl alcohol
 Concen: 137.23 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.02 min
 Lab File: VX003322.D
 Acq: 11 Jul 2018 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS01

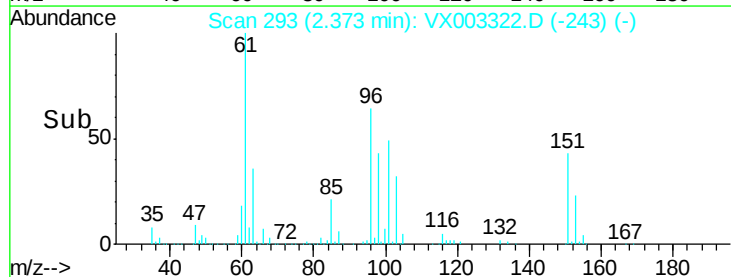
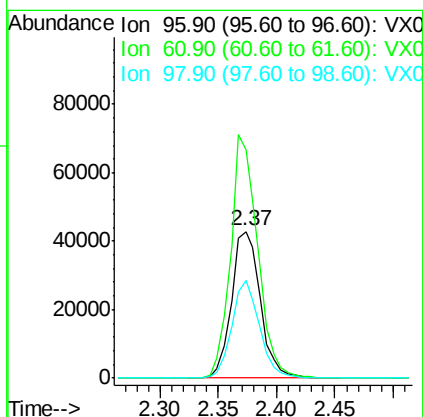
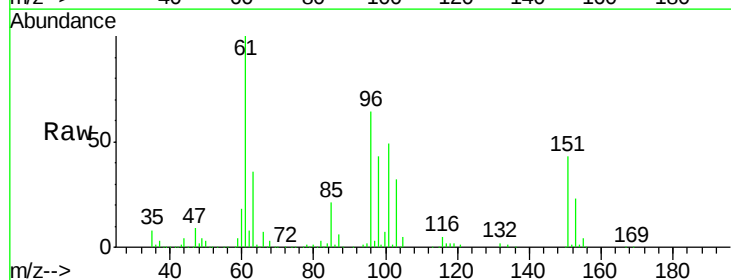
Tot Ion: 59 Resp: 96574
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.2

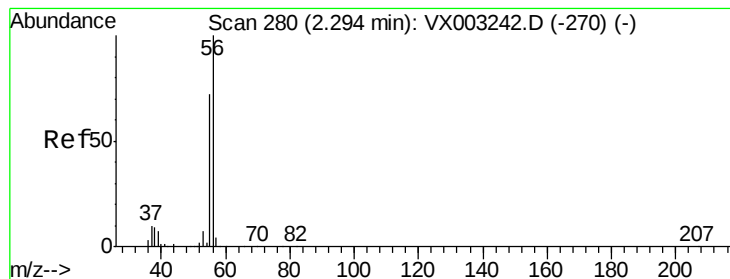


#12

1,1-Dichloroethene
 Concen: 26.62 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: VX003322.D
 Acq: 11 Jul 2018 16:22

Tgt Ion: 96 Resp: 73782
 Ion Ratio Lower Upper
 96 100
 61 156.3 137.9 206.9
 98 67.1 51.6 77.4





#13

Acrolein

Concen: 123.01 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

Instrument :

MSVOA_X

ClientSampleId :

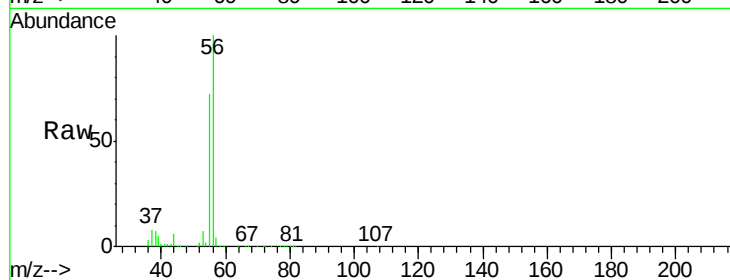
VX0711WBS01

Tot Ion: 56 Resp: 69760

Ion Ratio Lower Upper

56 100

55 73.8 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

50000

40000

30000

20000

10000

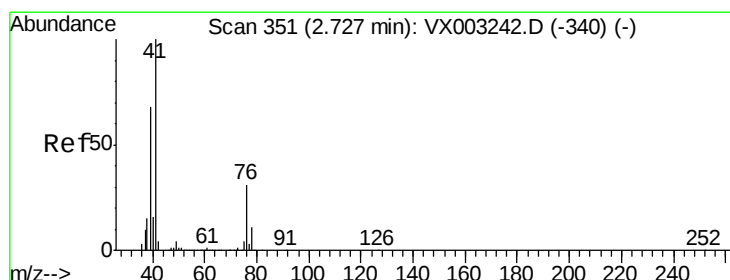
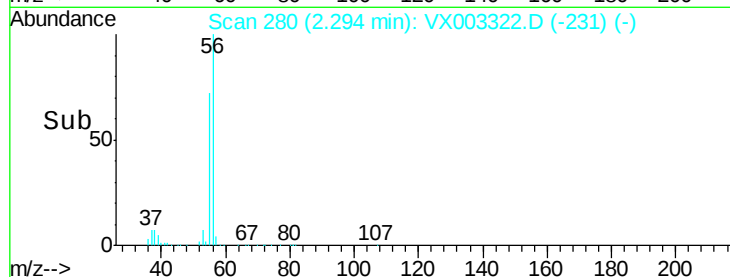
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 25.91 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

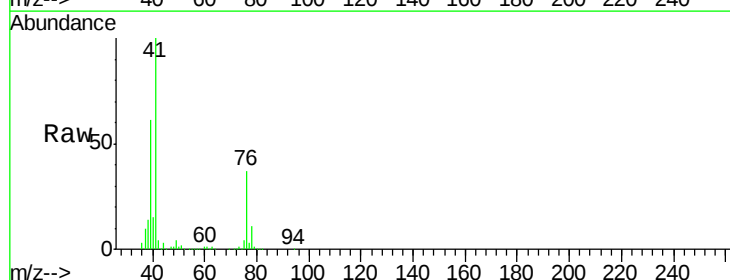
Tgt Ion: 41 Resp: 133013

Ion Ratio Lower Upper

41 100

39 59.3 56.8 85.2

76 33.4 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

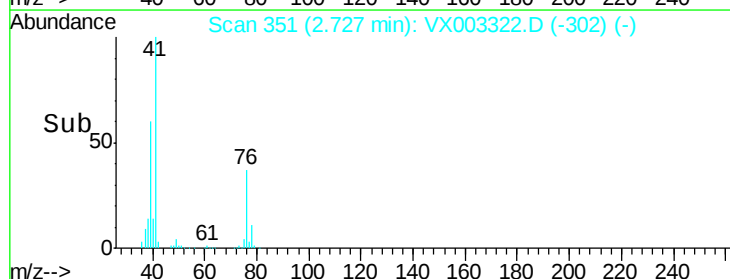
0

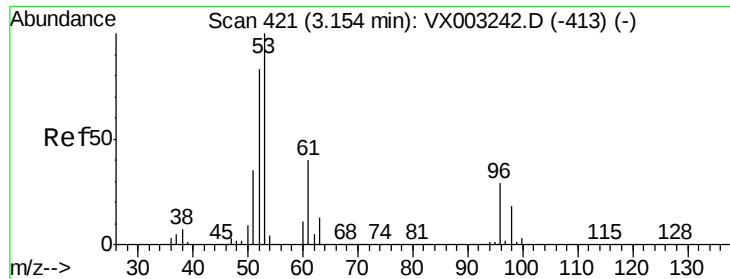
Time-->

2.60

2.70

2.80

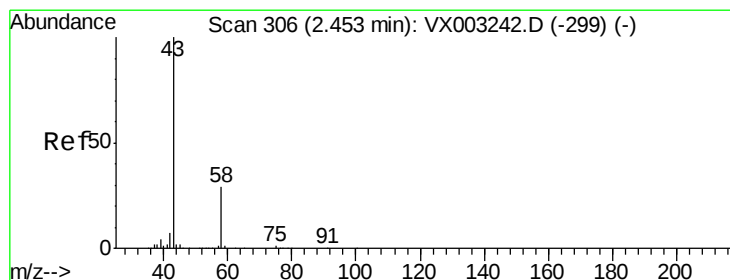
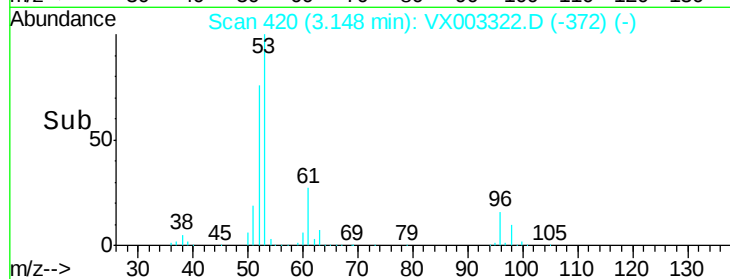
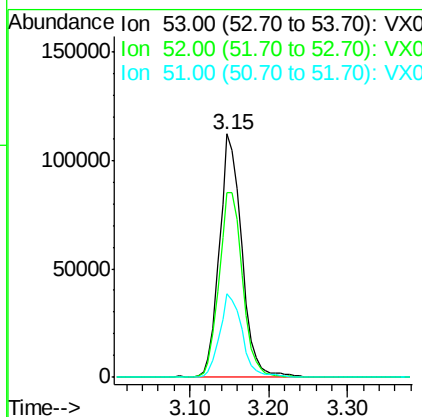
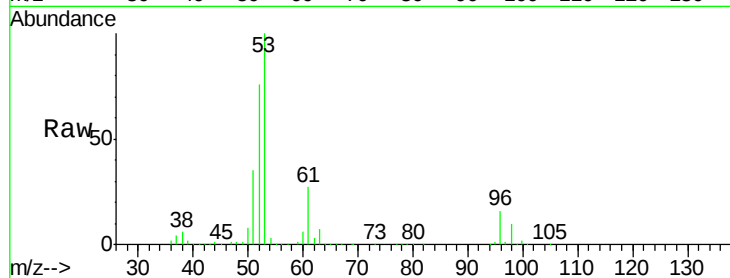




#15
 Acrylonitrile
 Concen: 140.88 ug/l
 RT: 3.15 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: VX003322.D
 Acq: 11 Jul 2018 16:22

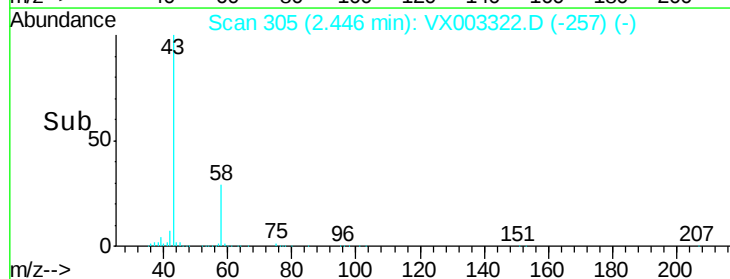
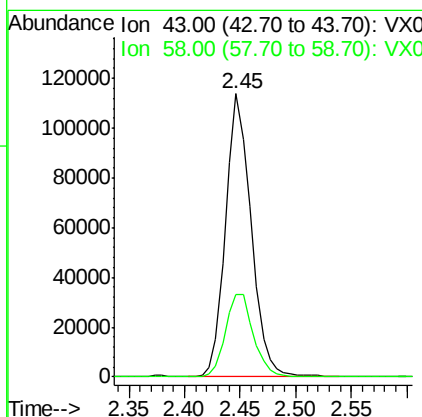
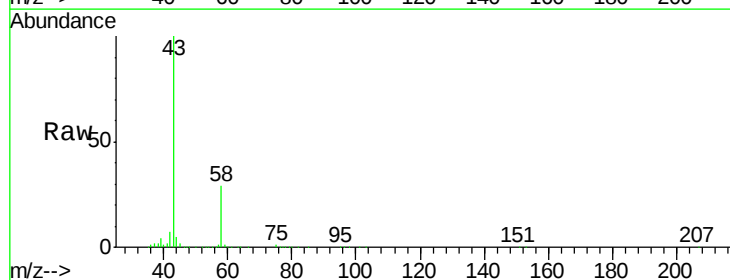
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS01

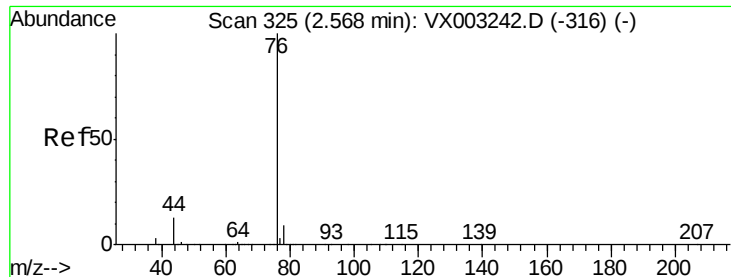
Tot Ion	Ratio	Lower	Upper
53	100		
52	79.5	66.7	100.1
51	34.7	29.9	44.9



#16
 Acetone
 Concen: 131.29 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. -0.01 min
 Lab File: VX003322.D
 Acq: 11 Jul 2018 16:22

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.2	22.1	33.1

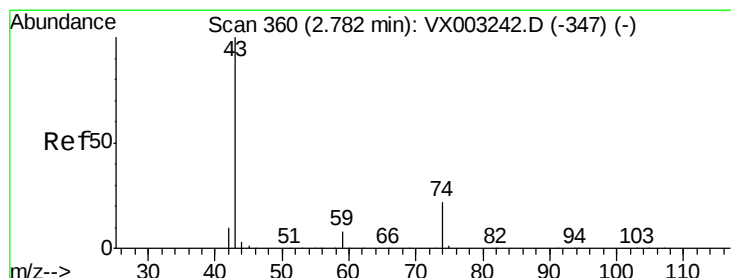
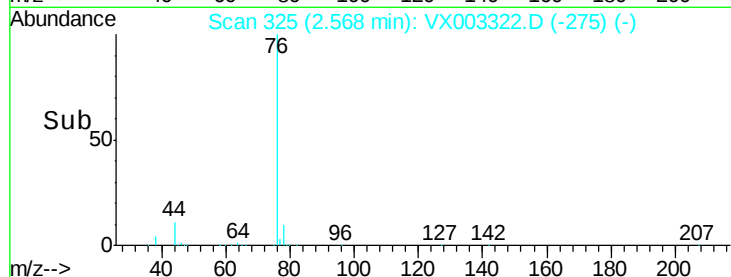
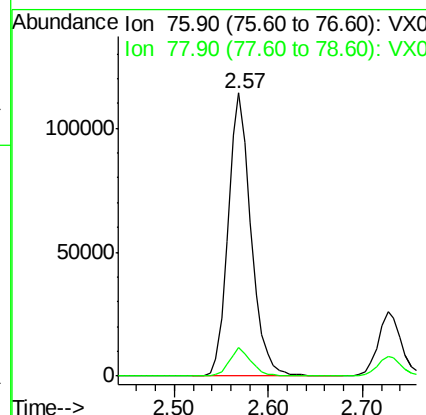
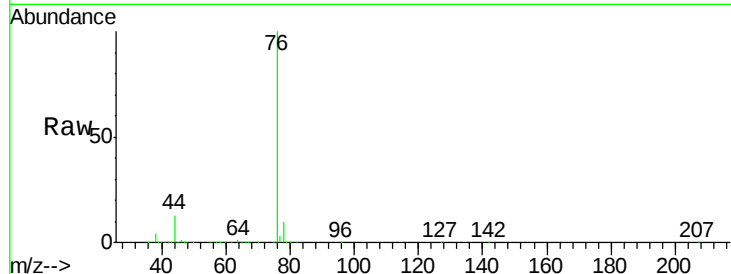




#17
Carbon Disulfide
Concen: 24.91 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX003322.D
Acq: 11 Jul 2018 16:22

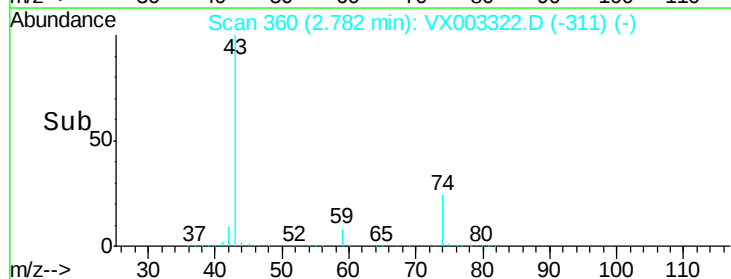
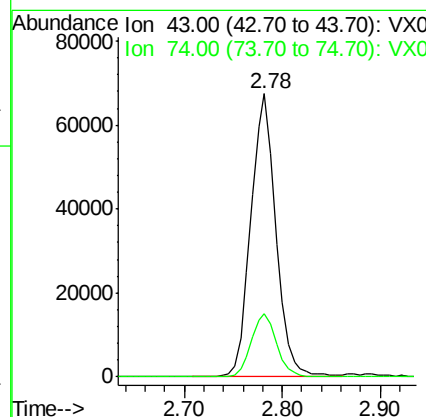
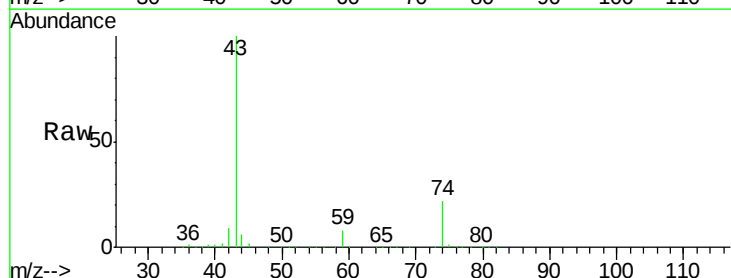
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS01

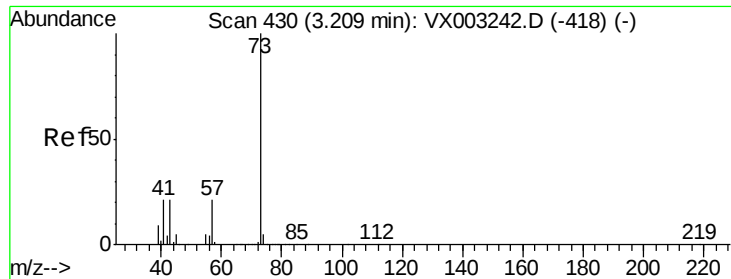
Tot Ion: 76 Resp: 191839
Ion Ratio Lower Upper
76 100
78 9.8 6.9 10.3



#18
Methyl Acetate
Concen: 30.70 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003322.D
Acq: 11 Jul 2018 16:22

Tgt Ion: 43 Resp: 119357
Ion Ratio Lower Upper
43 100
74 22.3 16.7 25.1

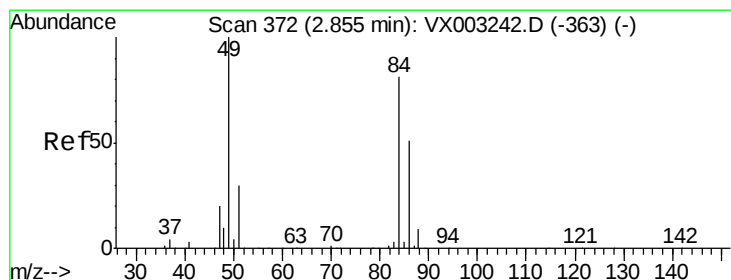
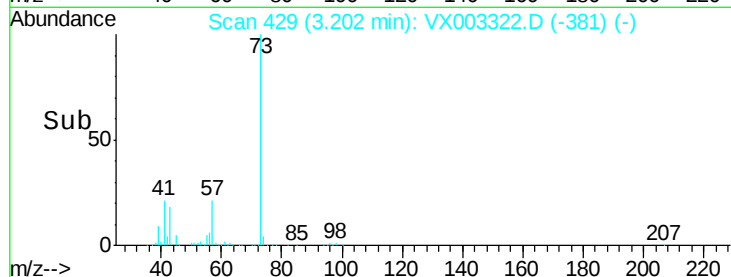
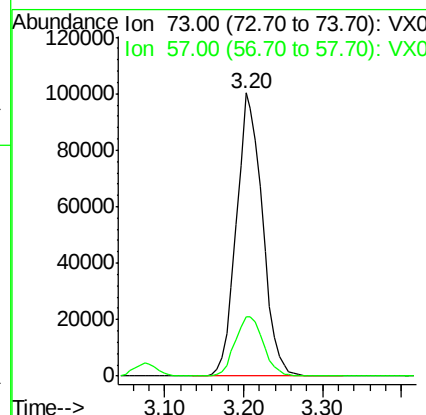
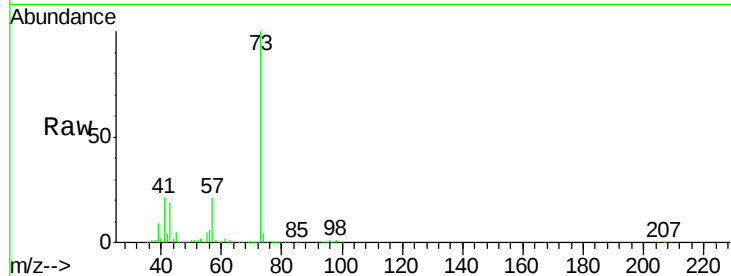




#19
Methyl tert-butyl Ether
Concen: 24.86 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX003322.D
Acq: 11 Jul 2018 16:22

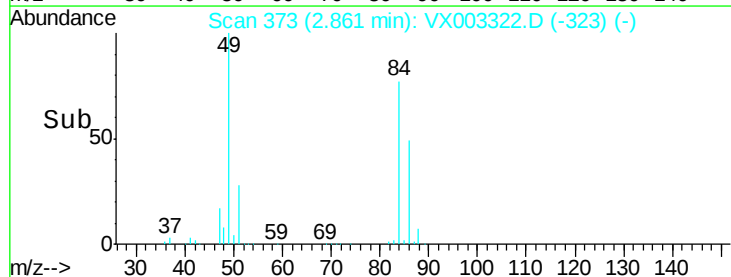
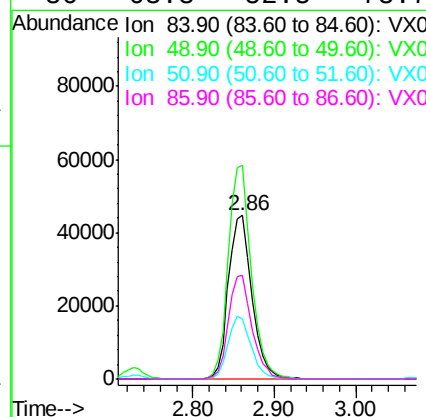
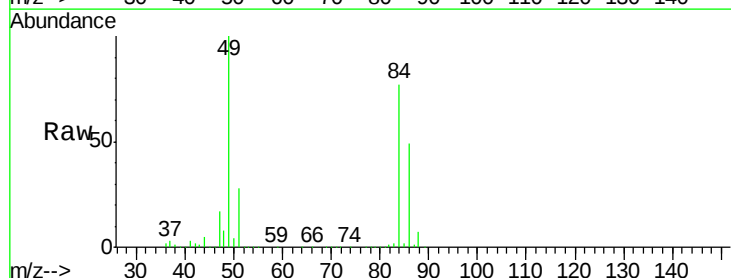
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS01

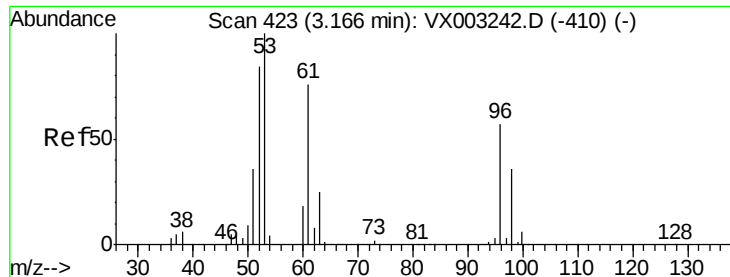
Tot Ion: 73 Resp: 230116
Ion Ratio Lower Upper
73 100
57 21.0 17.7 26.5



#20
Methylene Chloride
Concen: 31.18 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003322.D
Acq: 11 Jul 2018 16:22

Tgt Ion: 84 Resp: 88814
Ion Ratio Lower Upper
84 100
49 130.5 107.8 161.6
51 36.3 32.8 49.2
86 63.3 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 25.21 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS01

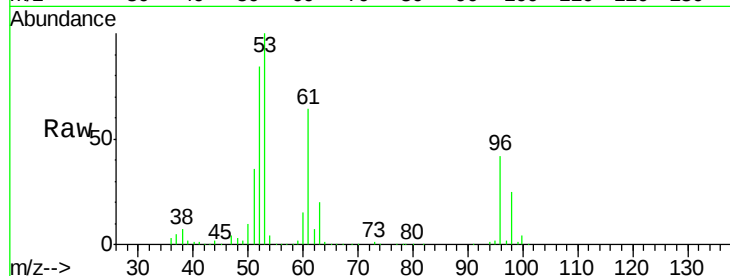
Tot Ion: 96 Resp: 74480

Ion Ratio Lower Upper

96 100

61 152.6 117.0 175.4

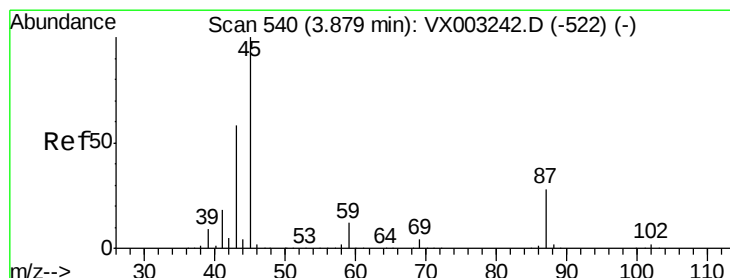
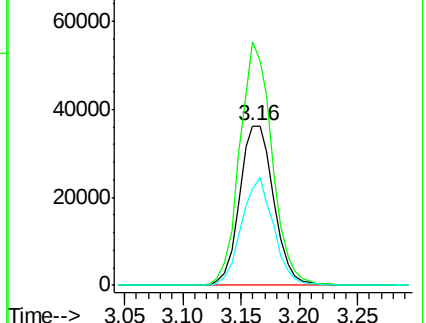
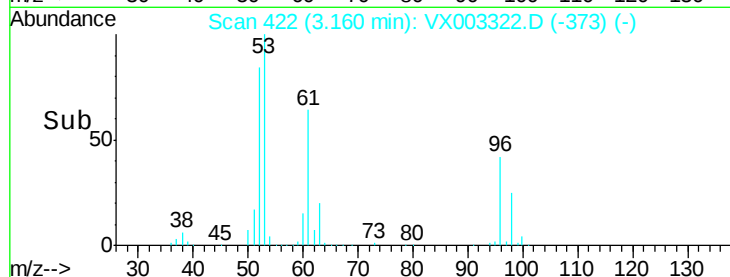
98 60.8 52.4 78.6



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: 24.06 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

Tgt Ion: 45 Resp: 251304

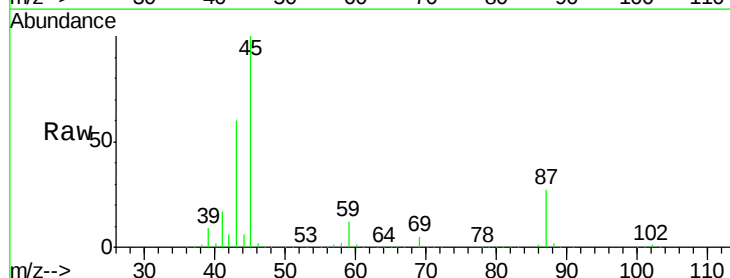
Ion Ratio Lower Upper

45 100

43 60.0 46.8 70.2

87 26.6 20.2 30.4

59 12.0 8.7 13.1

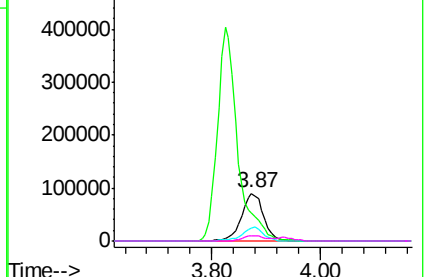
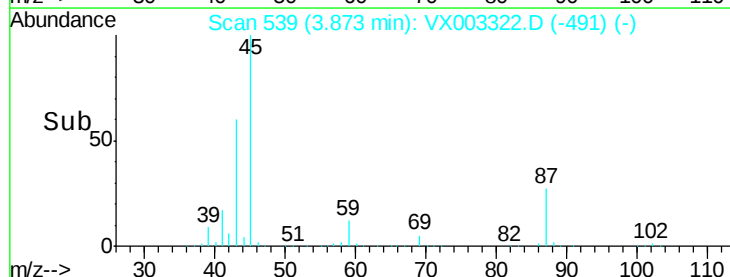


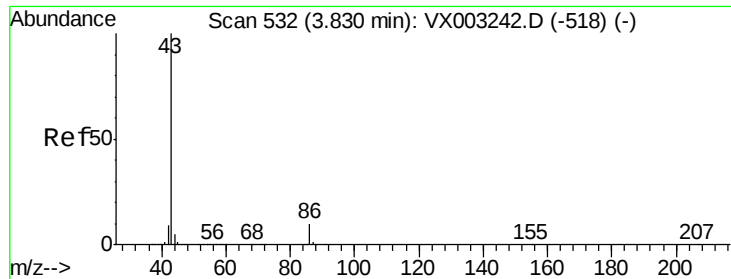
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 117.17 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

Instrument :

MSVOA_X

ClientSampleId :

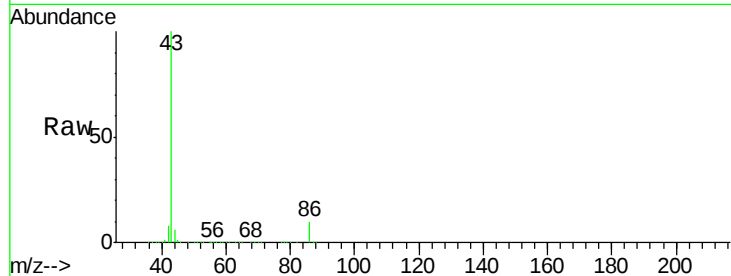
VX0711WBS01

Tot Ion: 43 Resp: 1039011

Ion Ratio Lower Upper

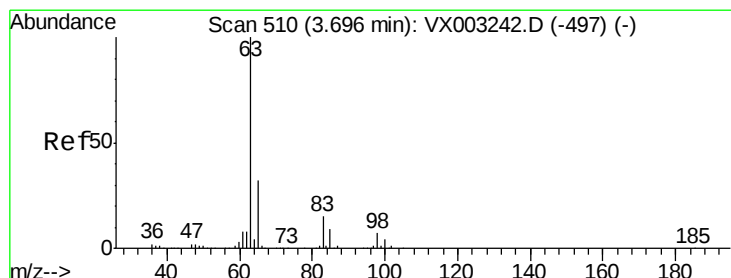
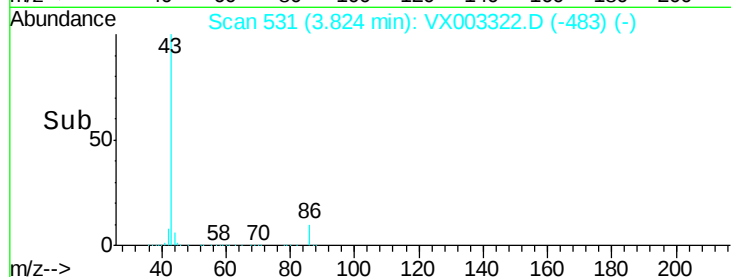
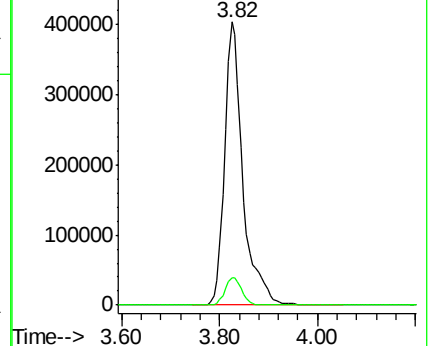
43 100

86 9.7 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 26.43 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

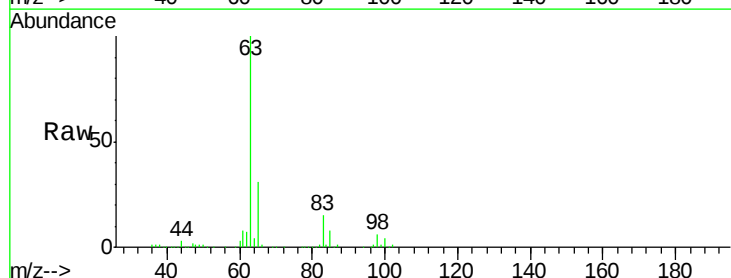
Tgt Ion: 63 Resp: 143671

Ion Ratio Lower Upper

63 100

98 6.2 3.4 10.2

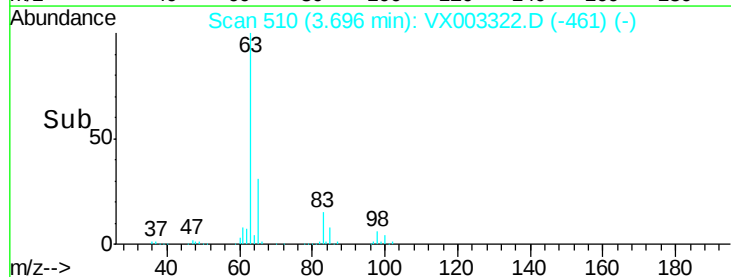
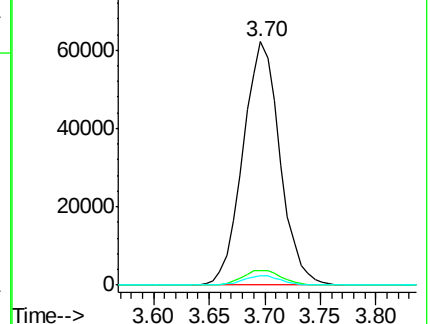
100 3.7 2.0 6.0

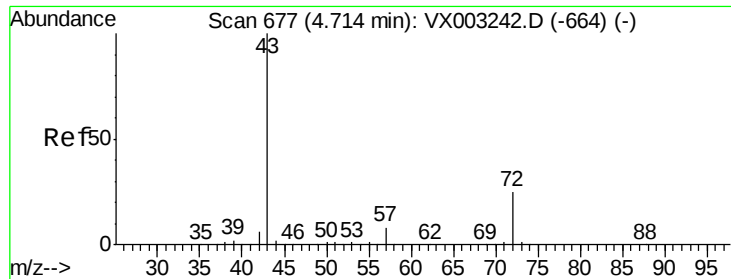


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 106.94 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

Instrument :

MSVOA_X

ClientSampled :

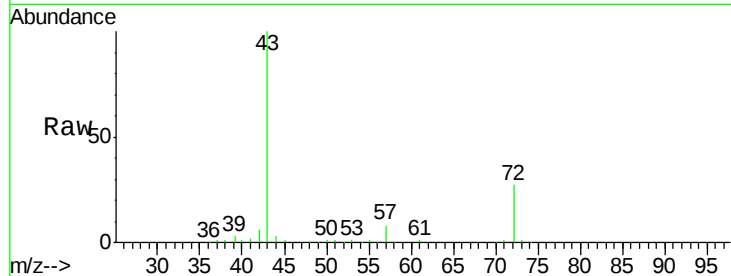
VX0711WBS01

Tot Ion: 43 Resp: 260776

Ion Ratio Lower Upper

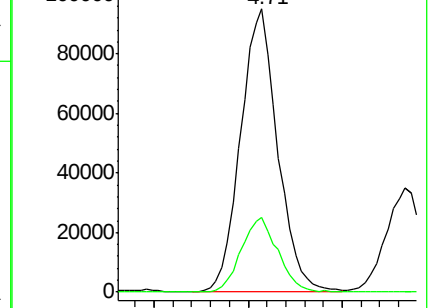
43 100

72 26.6 18.5 27.7

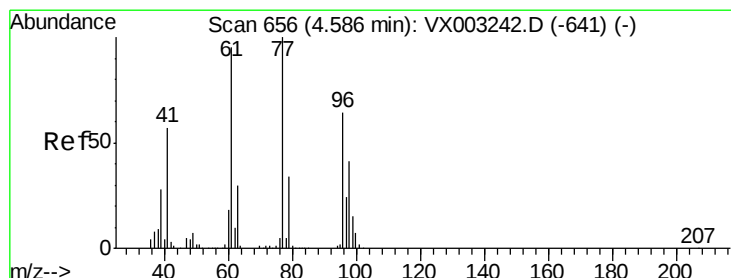
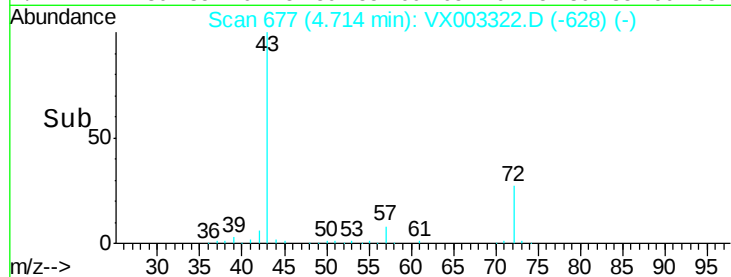


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#26

2,2-Dichloropropane

Concen: 20.26 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX003322.D

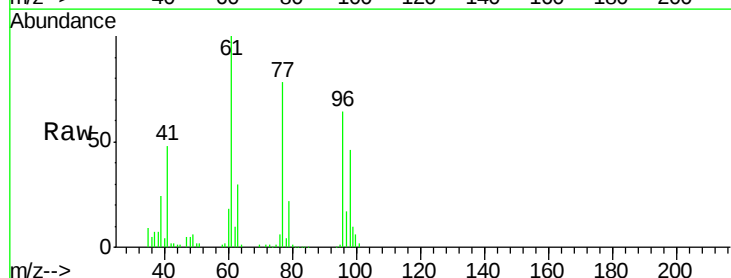
Acq: 11 Jul 2018 16:22

Tgt Ion: 77 Resp: 96315

Ion Ratio Lower Upper

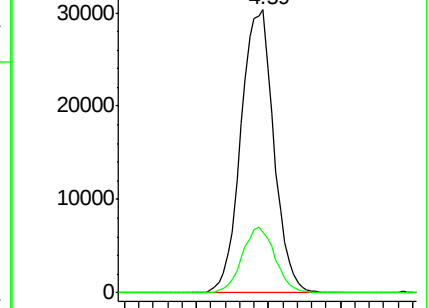
77 100

97 23.2 11.2 33.5

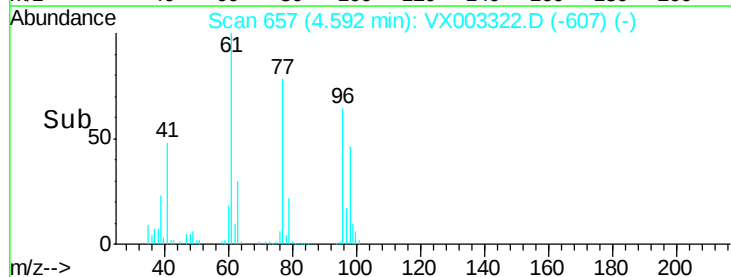


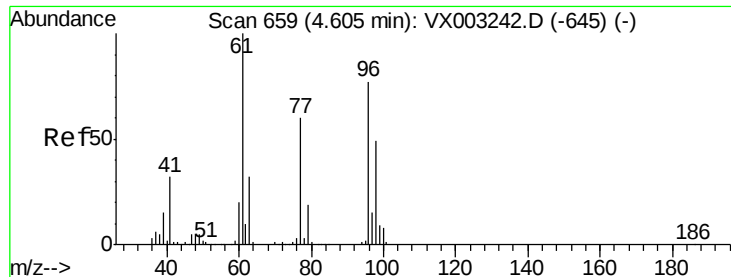
Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



Time-->





#27

cis-1,2-Dichloroethene

Concen: 20.83 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS01

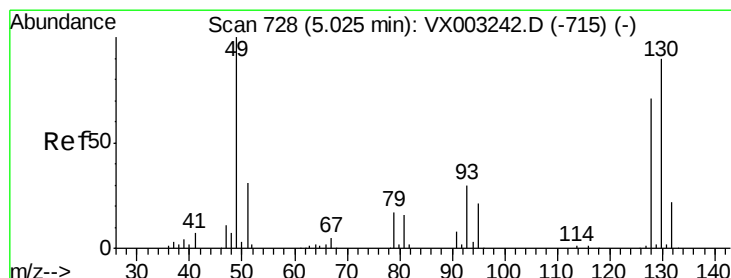
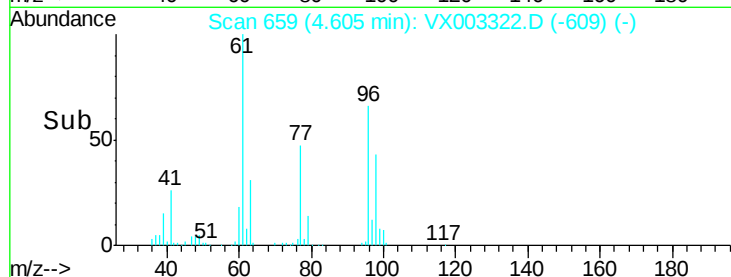
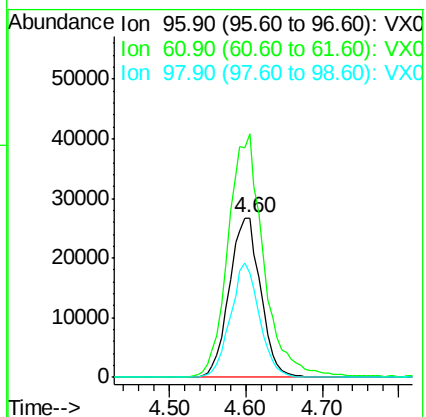
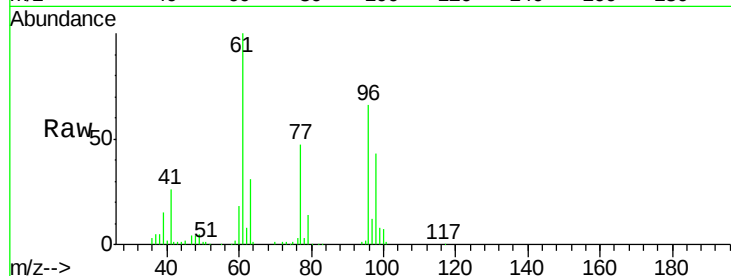
Tot Ion: 96 Resp: 75621

Ion Ratio Lower Upper

96 100

61 174.0 0.0 330.2

98 66.3 0.0 130.2



#28

Bromochloromethane

Concen: 23.46 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

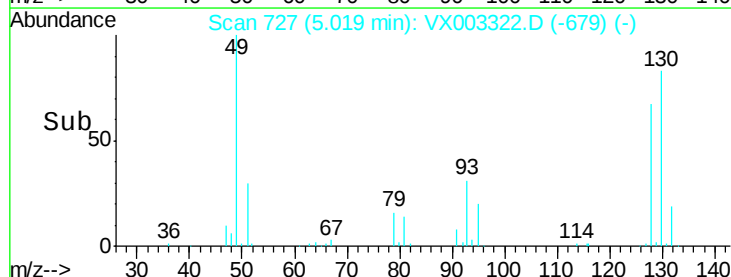
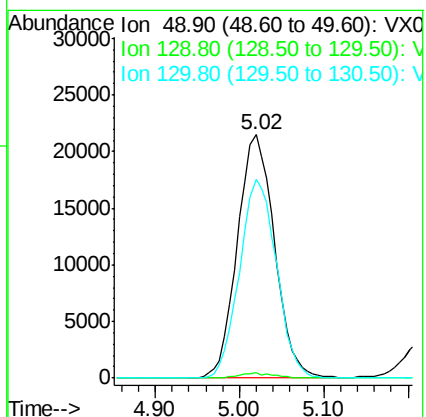
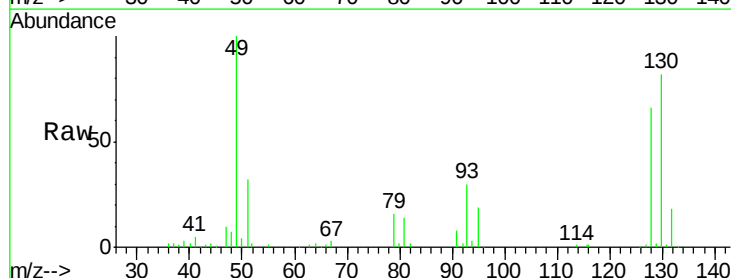
Tgt Ion: 49 Resp: 64256

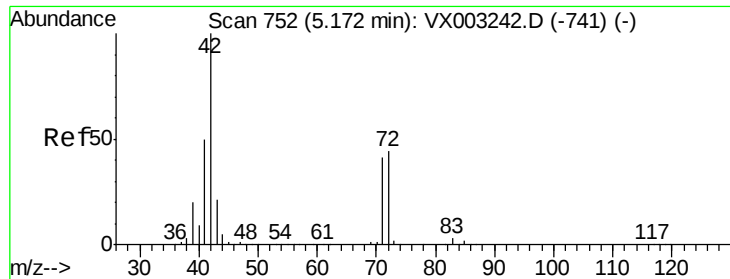
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.2

130 81.3 61.2 91.8





#29

Tetrahydrofuran

Concen: 106.60 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS01

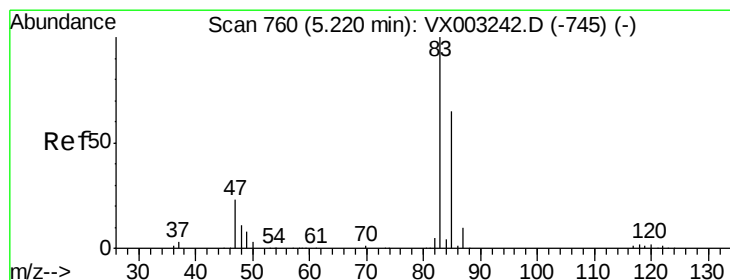
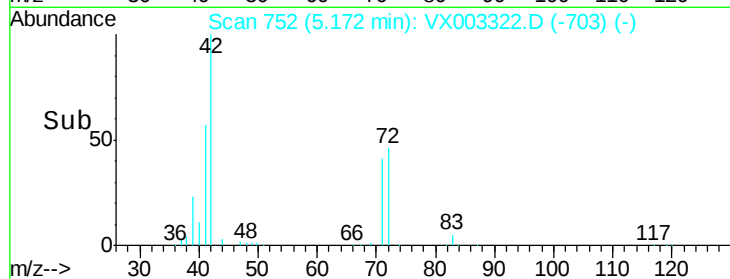
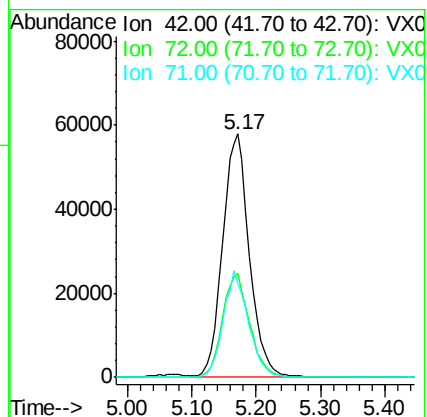
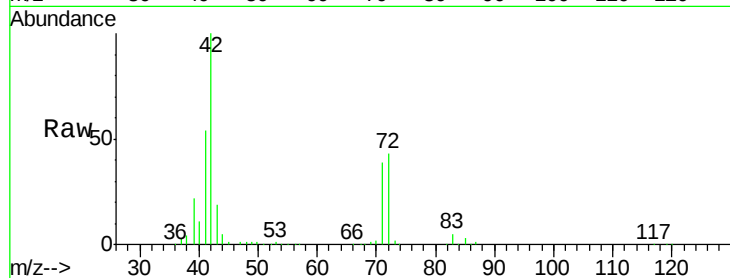
Tot Ion: 42 Resp: 168720

Ion Ratio Lower Upper

42 100

72 43.7 32.0 48.0

71 41.3 30.1 45.1



#30

Chloroform

Concen: 21.46 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX003322.D

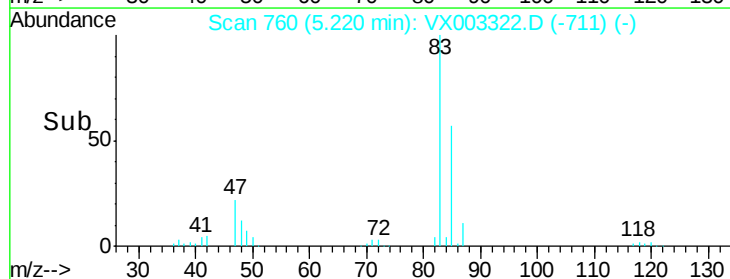
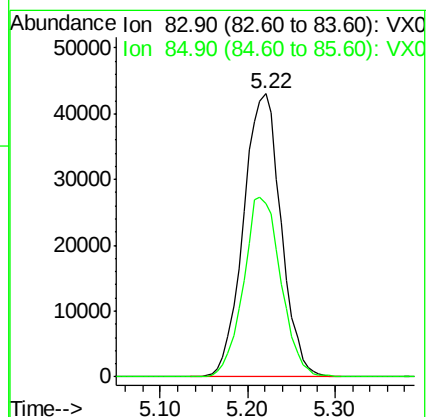
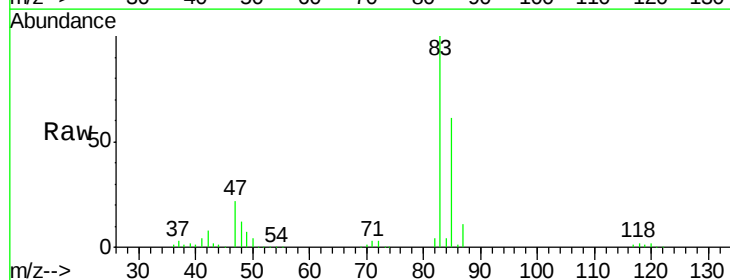
Acq: 11 Jul 2018 16:22

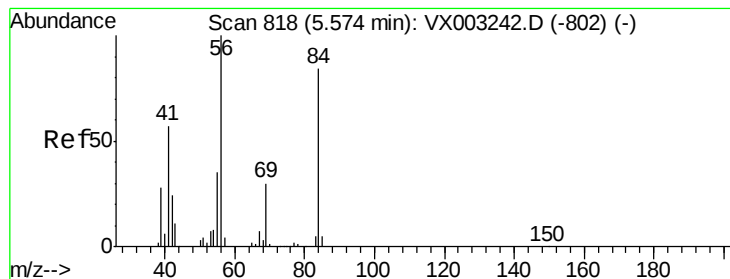
Tgt Ion: 83 Resp: 128323

Ion Ratio Lower Upper

83 100

85 61.1 50.4 75.6





#31

Cyclohexane

Concen: 21.43 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS01

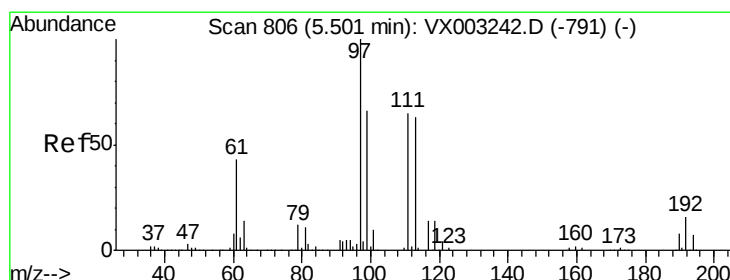
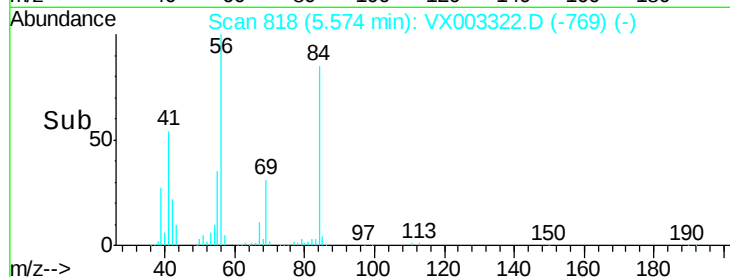
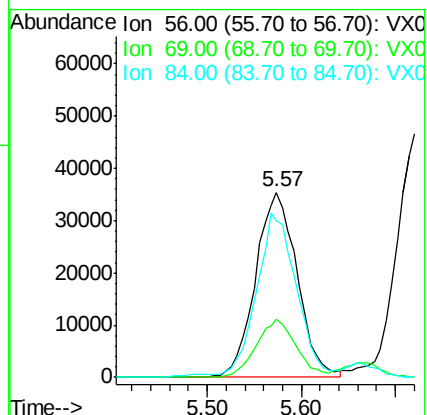
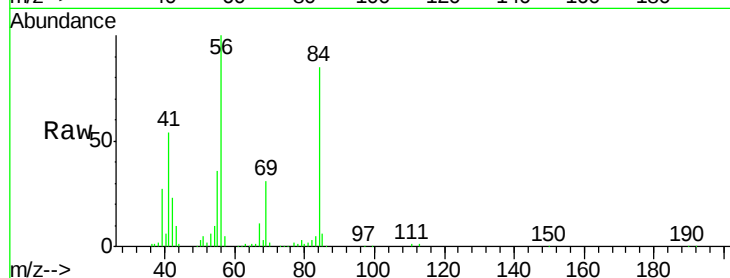
Tot Ion: 56 Resp: 109087

Ion Ratio Lower Upper

56 100

69 31.1 23.7 35.5

84 83.3 64.1 96.1



#32

1,1,1-Trichloroethane

Concen: 19.87 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

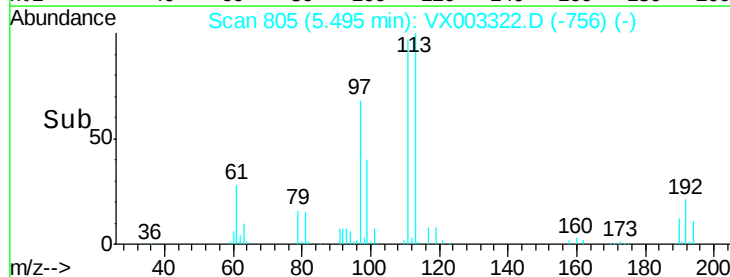
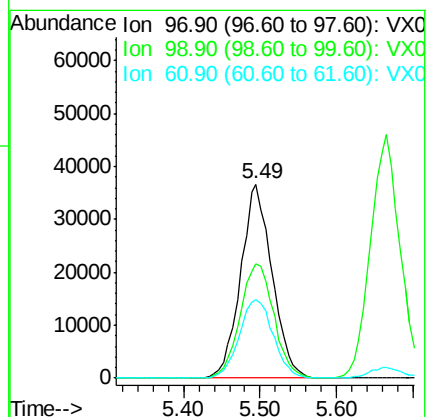
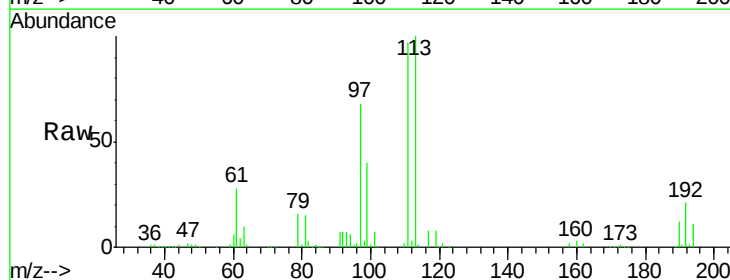
Tgt Ion: 97 Resp: 104832

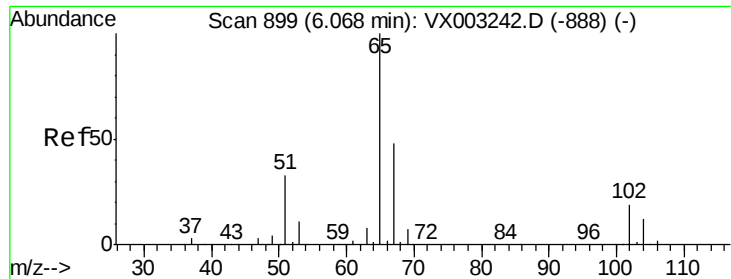
Ion Ratio Lower Upper

97 100

99 63.1 51.6 77.4

61 43.7 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 50.10 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

Instrument :

MSVOA_X

ClientSampleId :

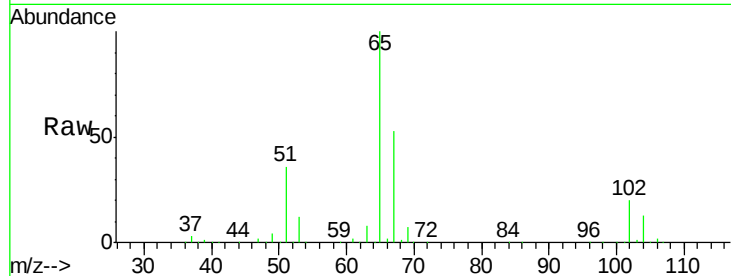
VX0711WBS01

Tot Ion: 65 Resp: 194486

Ion Ratio Lower Upper

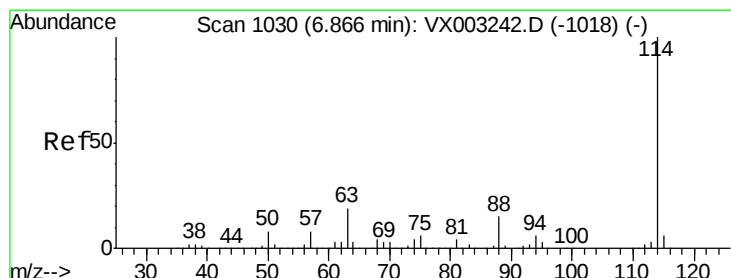
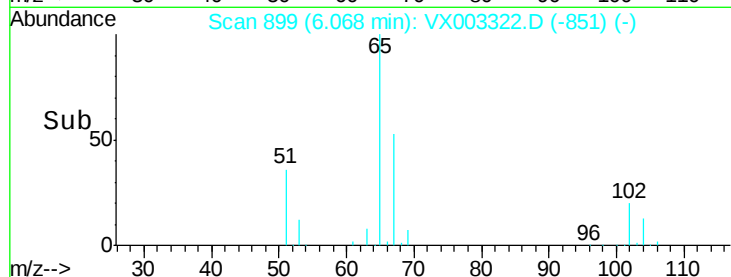
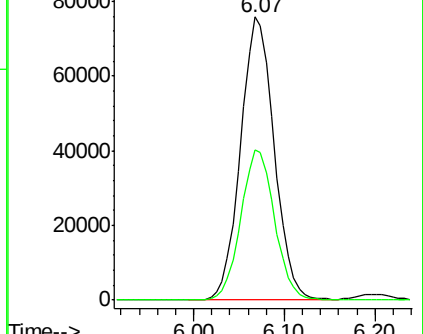
65 100

67 53.5 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

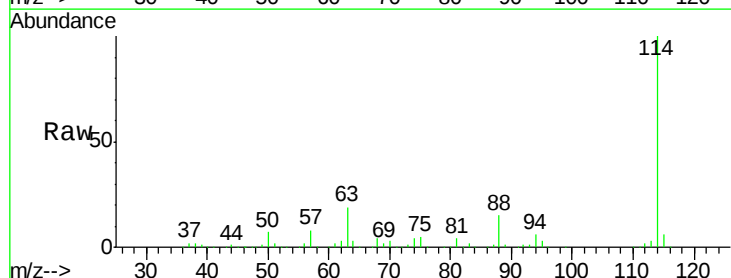
Tgt Ion: 114 Resp: 322445

Ion Ratio Lower Upper

114 100

63 19.1 0.0 41.4

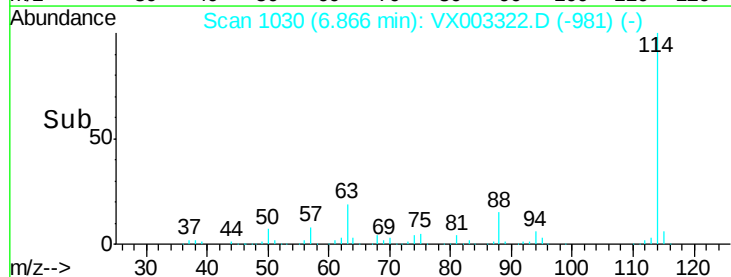
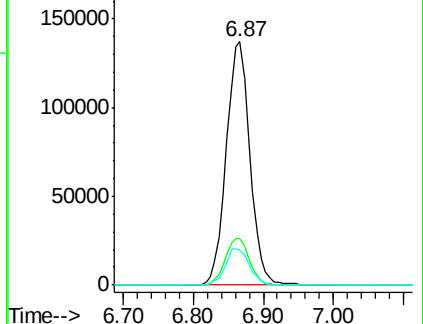
88 14.5 0.0 30.0

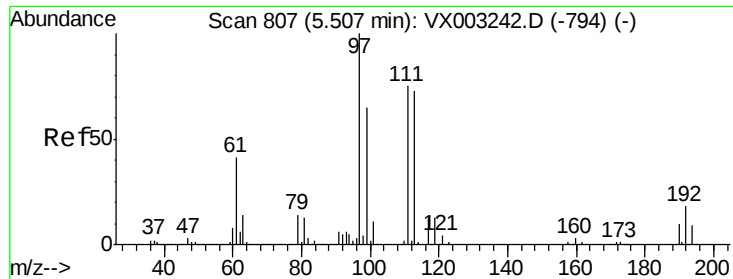


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

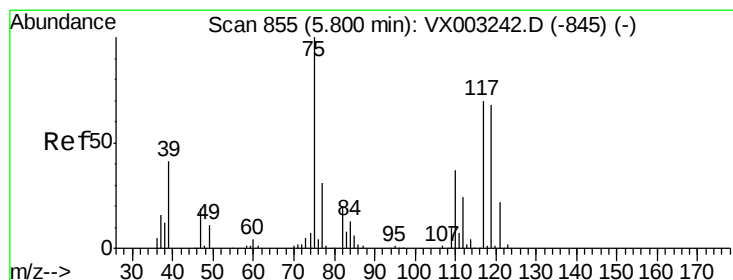
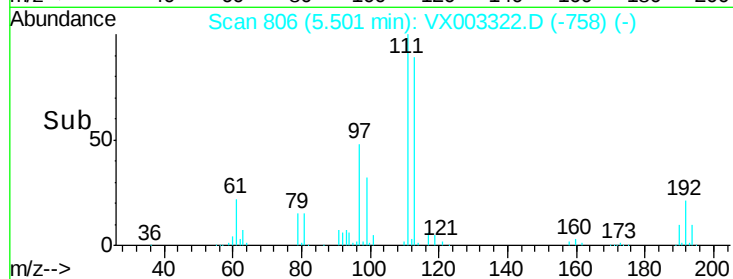
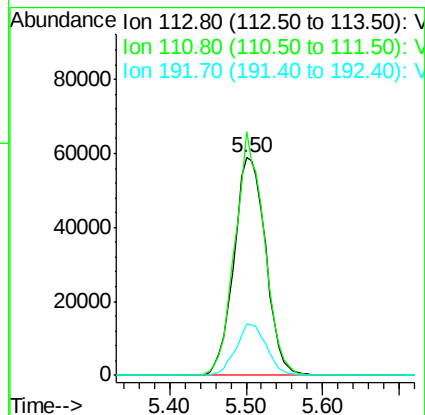
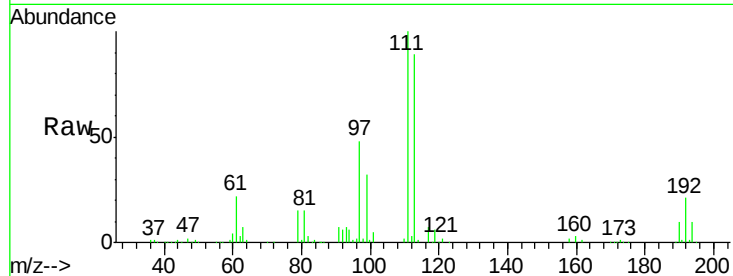




#35
 Dibromofluoromethane
 Concen: 48.91 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX003322.D
 Acq: 11 Jul 2018 16:22

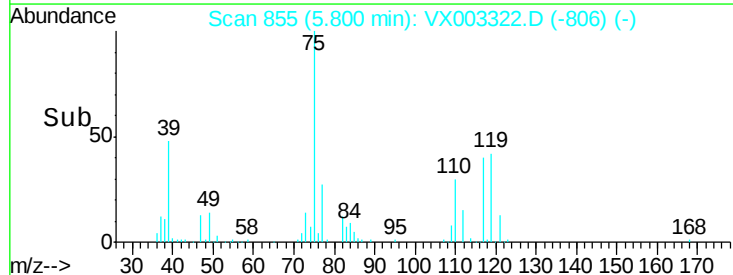
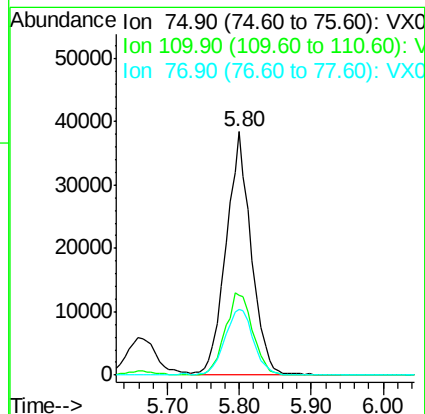
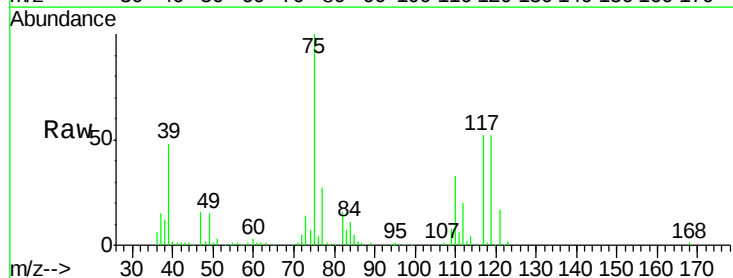
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS01

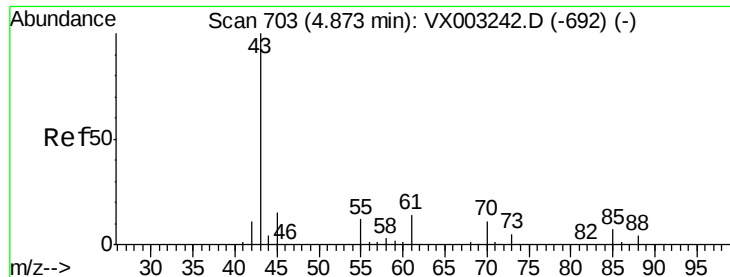
Tot Ion:113 Resp: 169427
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.4 122.0
 192 22.9 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 20.47 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX003322.D
 Acq: 11 Jul 2018 16:22

Tgt Ion: 75 Resp: 93448
 Ion Ratio Lower Upper
 75 100
 110 36.7 18.1 54.4
 77 30.6 24.3 36.5





#37

Ethyl Acetate

Concen: 19.89 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.01 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS01

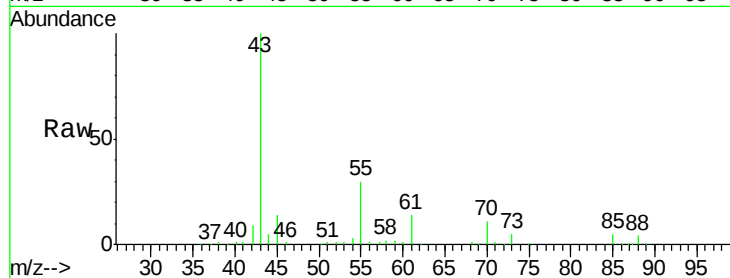
Tot Ion: 43 Resp: 99533

Ion Ratio Lower Upper

43 100

61 15.0 10.4 15.6

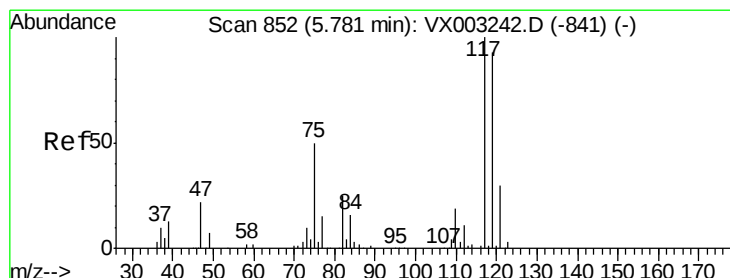
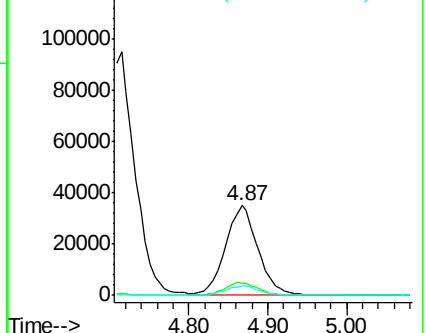
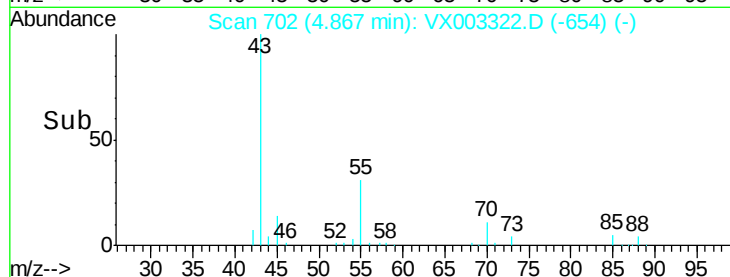
70 10.6 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 17.92 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.00 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

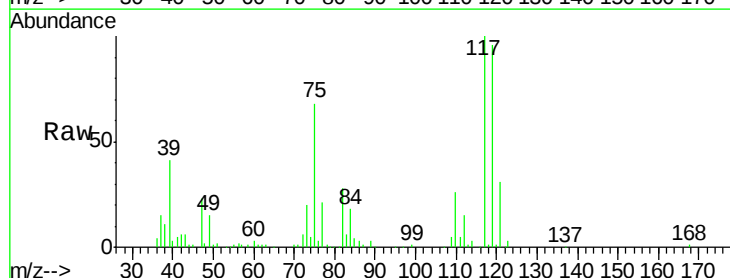
Tgt Ion: 117 Resp: 89498

Ion Ratio Lower Upper

117 100

119 95.9 77.4 116.0

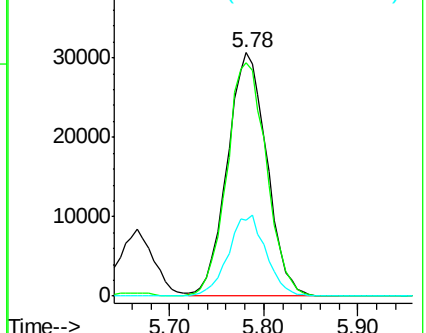
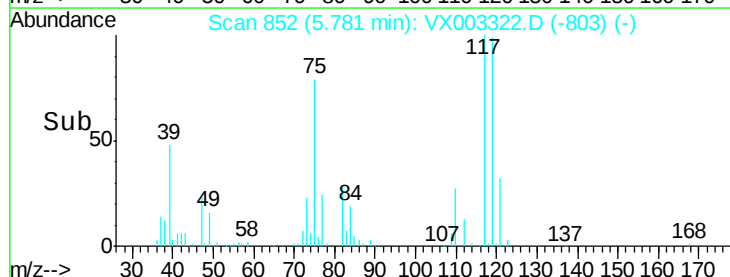
121 31.1 24.4 36.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

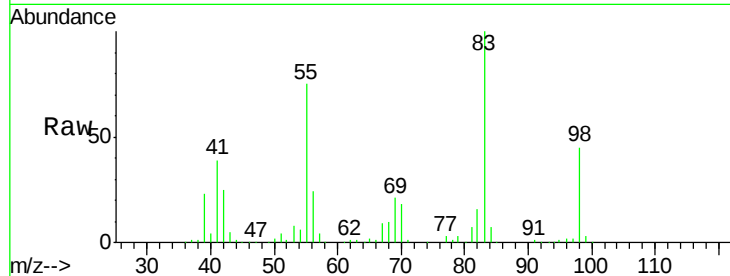




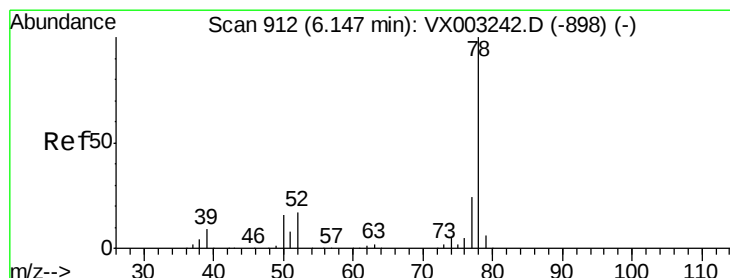
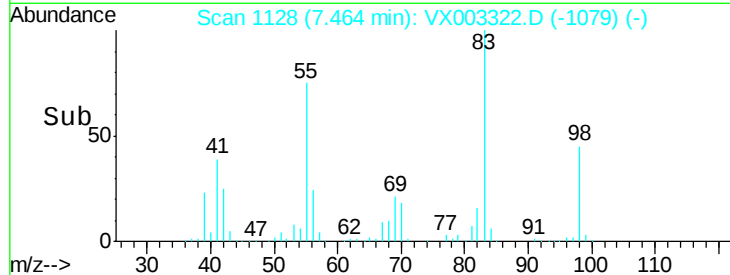
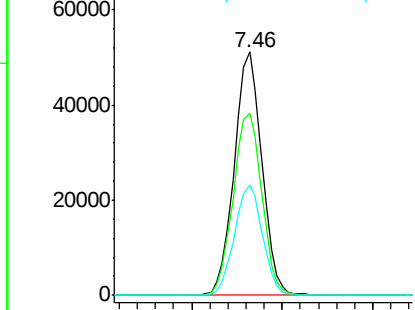
#39
Methvlcvclohexane
Concen: 20.13 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003322.D
Acq: 11 Jul 2018 16:22

Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS01

Tot Ion: 83 Resp: 108268
Ion Ratio Lower Upper
83 100
55 75.0 65.4 98.0
98 45.5 37.4 56.0

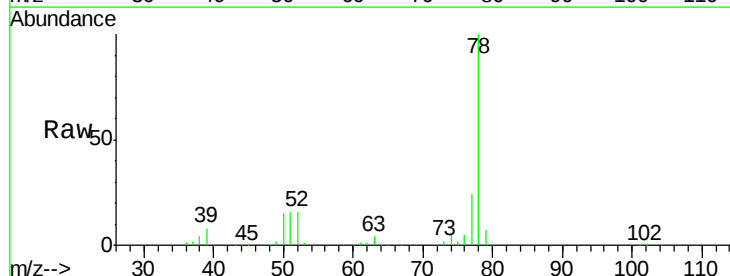


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

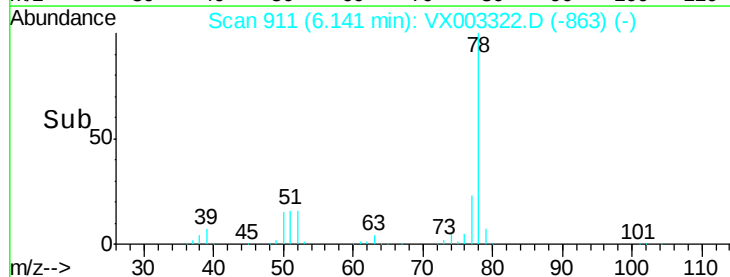
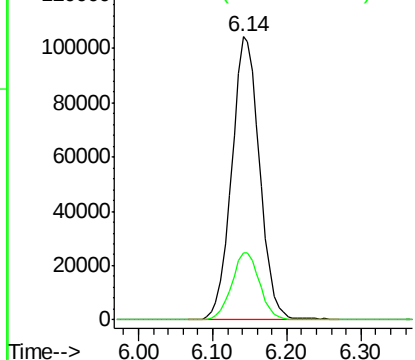


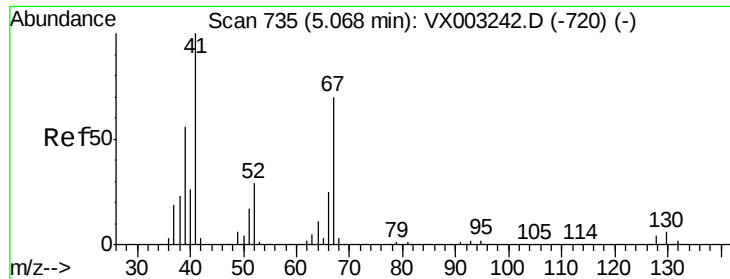
#40
Benzene
Concen: 20.21 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX003322.D
Acq: 11 Jul 2018 16:22

Tgt Ion: 78 Resp: 273354
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7



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

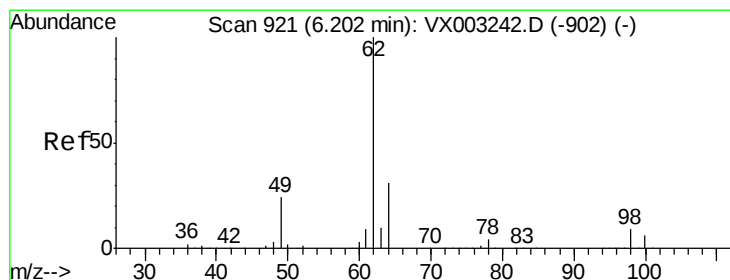
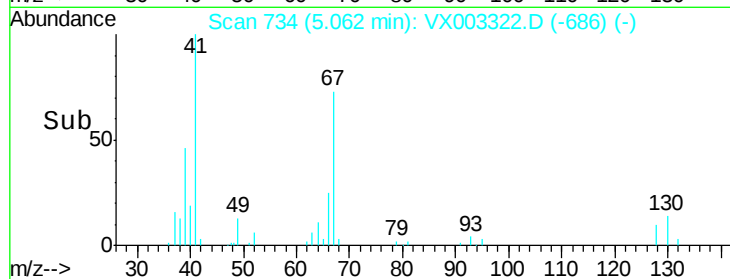
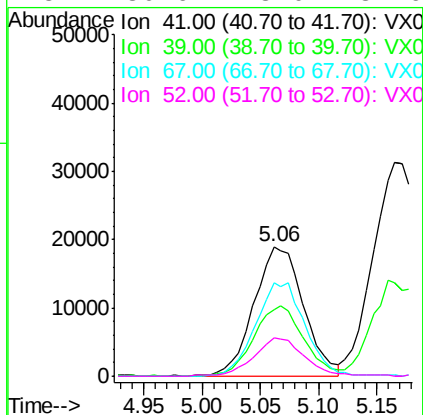
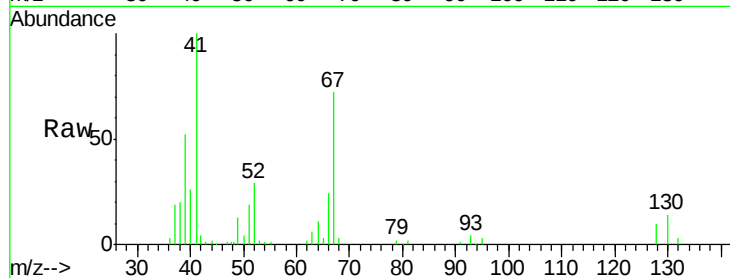




#41
Methacrylonitrile
Concen: 20.36 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX003322.D
Acq: 11 Jul 2018 16:22

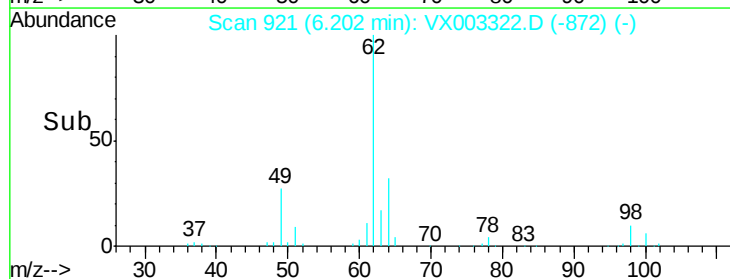
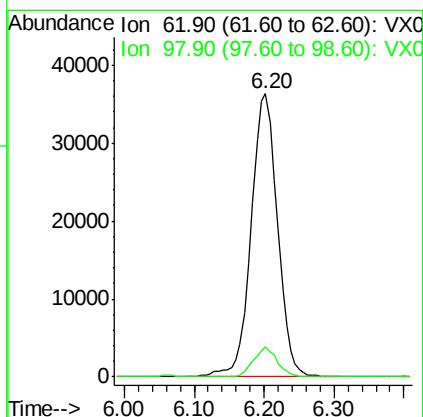
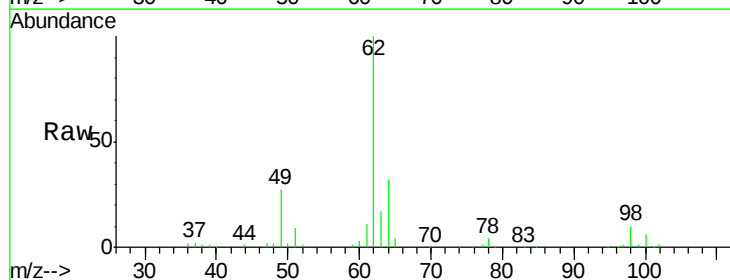
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS01

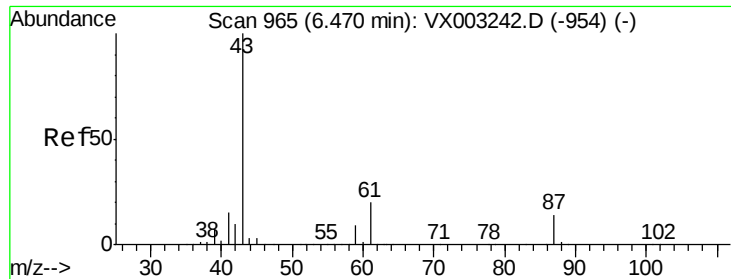
Tot Ion:	41	Resp:	55769
Ion	Ratio	Lower	Upper
41	100		
39	55.3	45.8	68.6
67	72.9	51.3	76.9
52	30.6	23.0	34.6



#42
1,2-Dichloroethane
Concen: 18.90 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003322.D
Acq: 11 Jul 2018 16:22

Tgt Ion:	62	Resp:	95518
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	16.6





#43

Isopropyl Acetate

Concen: 18.95 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS01

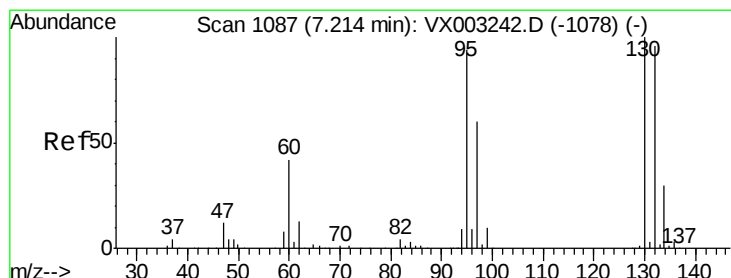
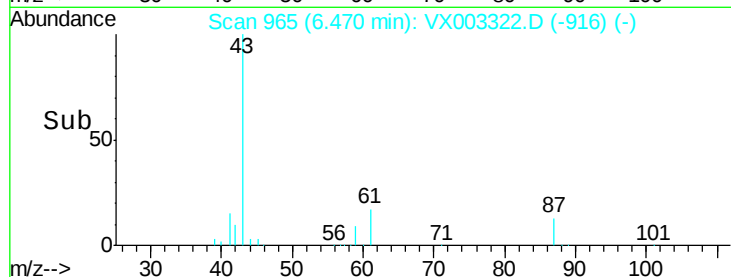
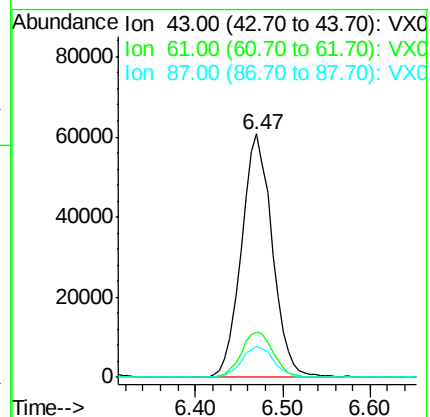
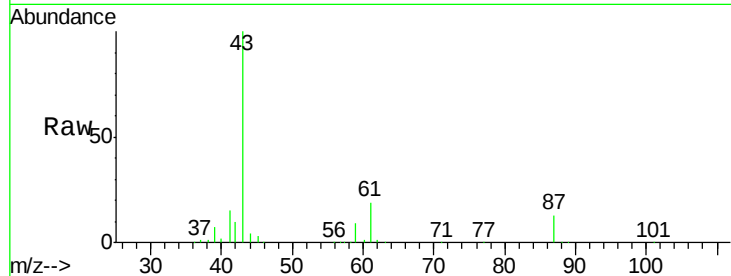
Tot Ion: 43 Resp: 148889

Ion Ratio Lower Upper

43 100

61 19.5 14.4 21.6

87 13.1 9.5 14.3



#44

Trichloroethene

Concen: 19.68 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX003322.D

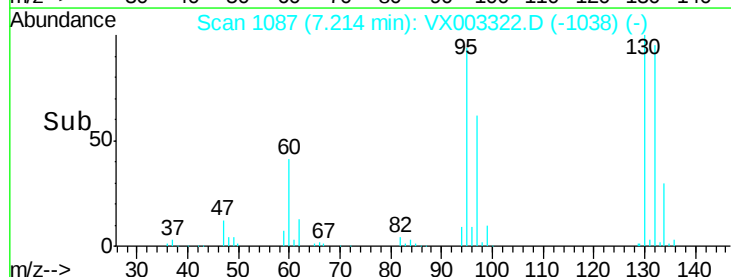
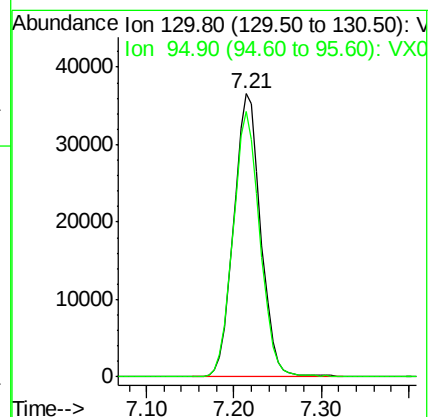
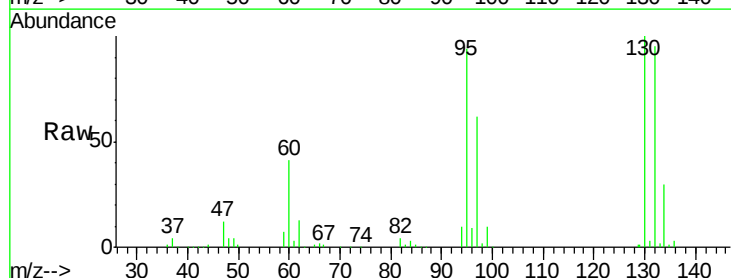
Acq: 11 Jul 2018 16:22

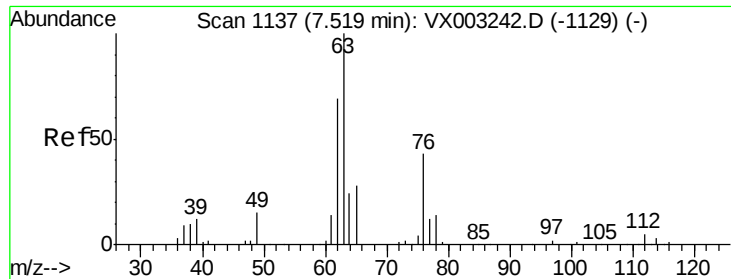
Tgt Ion:130 Resp: 78723

Ion Ratio Lower Upper

130 100

95 93.9 0.0 185.4

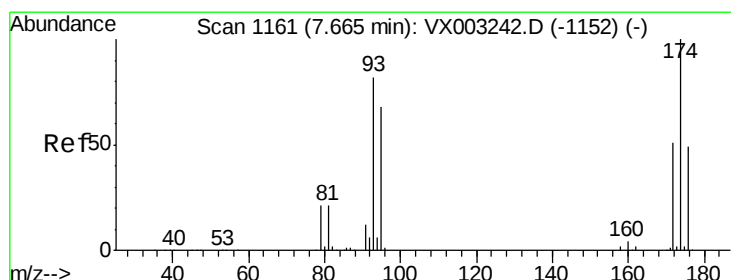
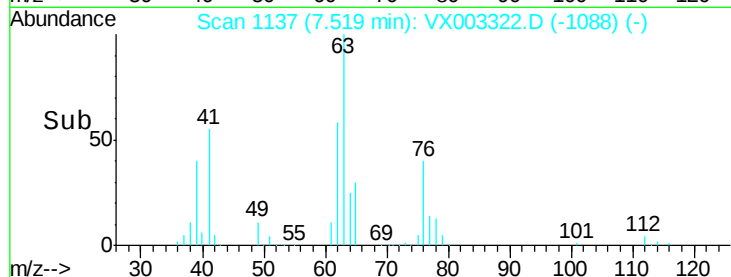
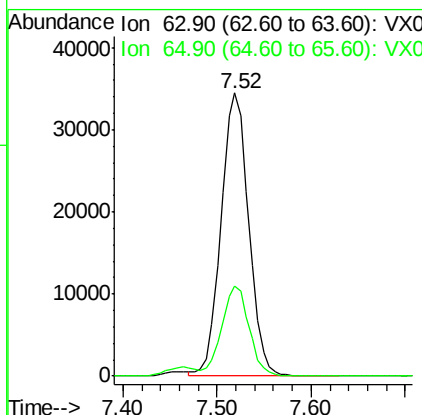
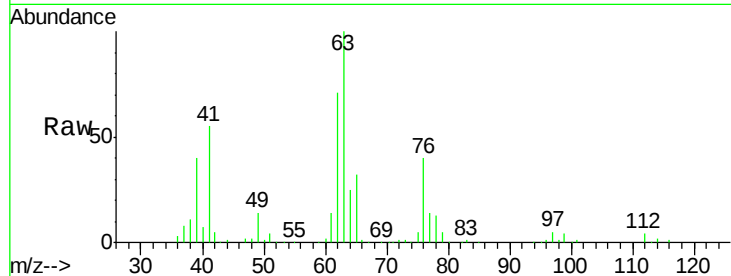




#45
 1,2-Dichloropropane
 Concen: 19.95 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX003322.D
 Acq: 11 Jul 2018 16:22

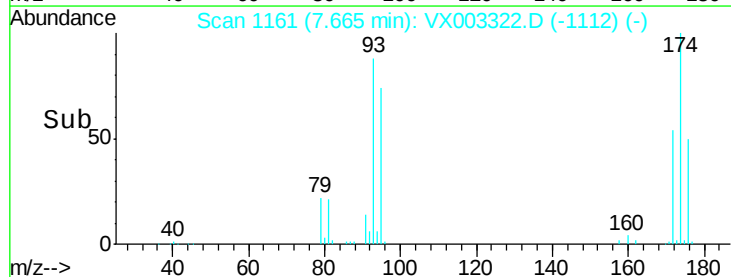
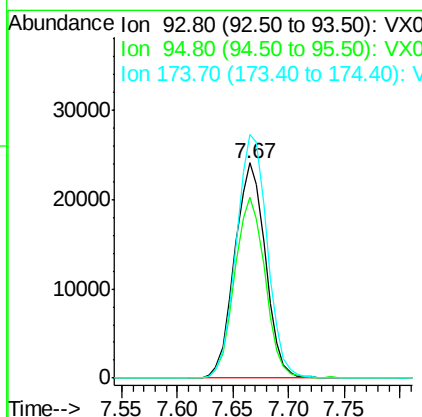
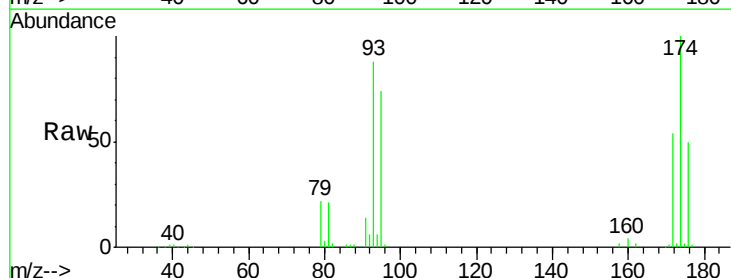
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS01

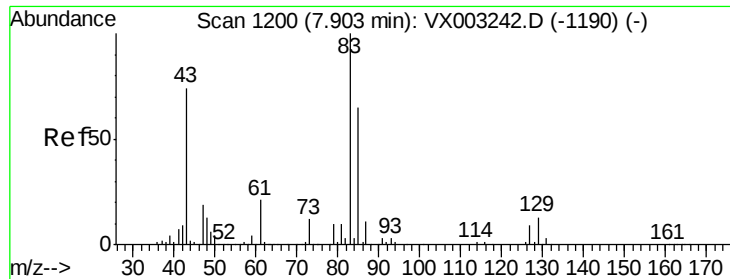
Tot Ion: 63 Resp: 70172
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.7 37.1



#46
 Dibromomethane
 Concen: 19.30 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003322.D
 Acq: 11 Jul 2018 16:22

Tgt Ion: 93 Resp: 46273
 Ion Ratio Lower Upper
 93 100
 95 82.9 65.9 98.9
 174 113.9 92.4 138.6





#47

Bromodichloromethane

Concen: 19.21 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS01

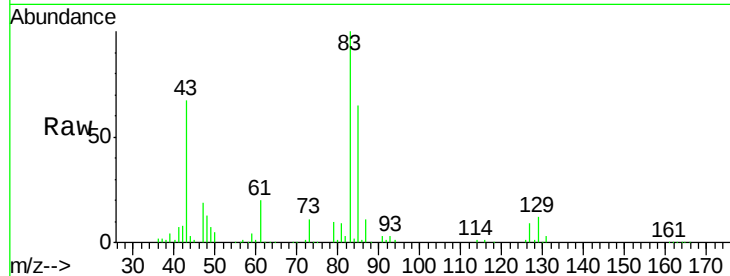
Tot Ion: 83 Resp: 84958

Ion Ratio Lower Upper

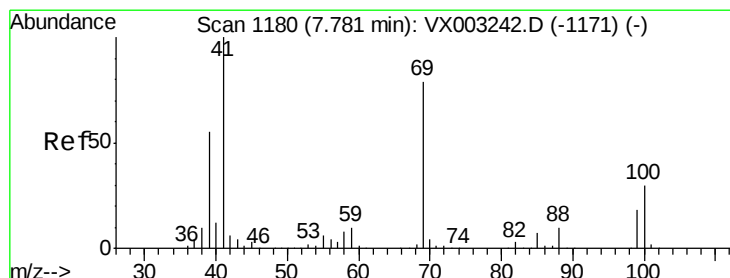
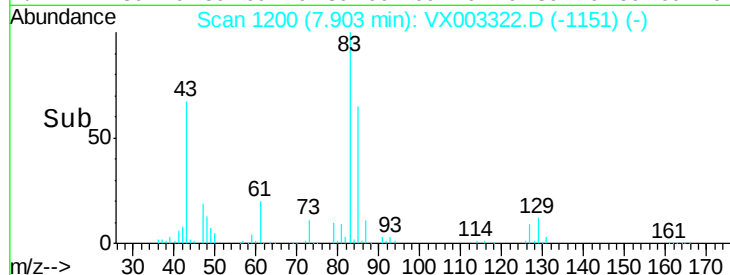
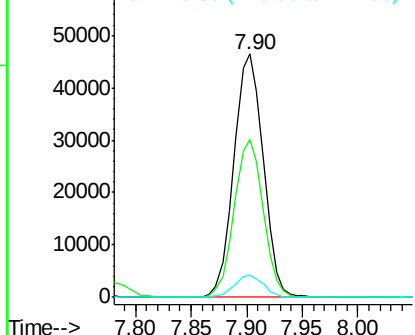
83 100

85 65.0 50.3 75.5

127 9.2 7.0 10.4



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



#48

Methyl methacrylate

Concen: 19.23 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

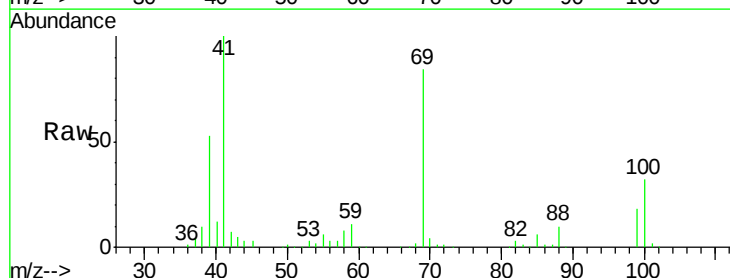
Tgt Ion: 41 Resp: 77515

Ion Ratio Lower Upper

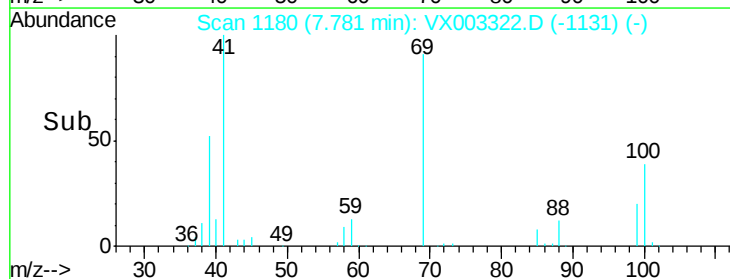
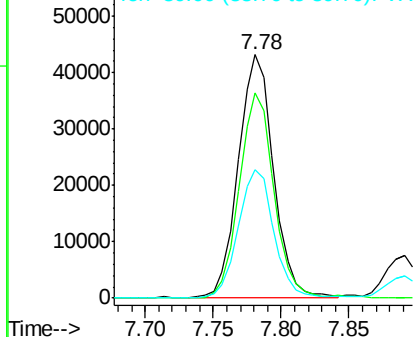
41 100

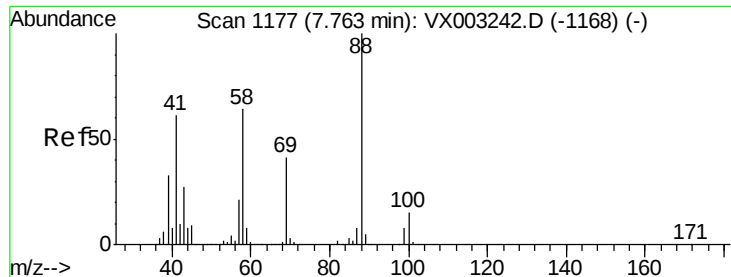
69 84.4 59.1 88.7

39 53.1 48.9 73.3



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

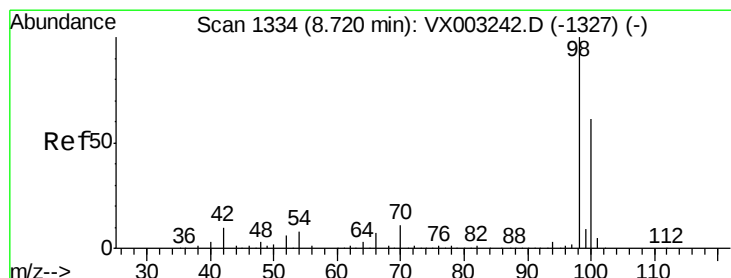
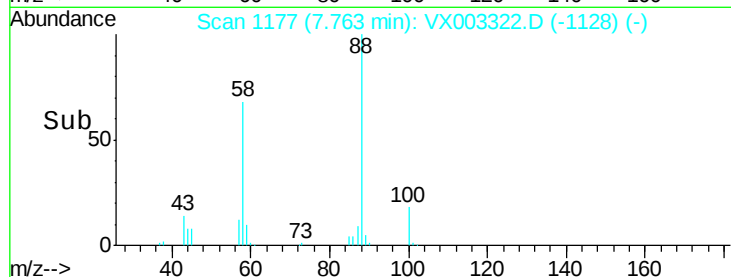
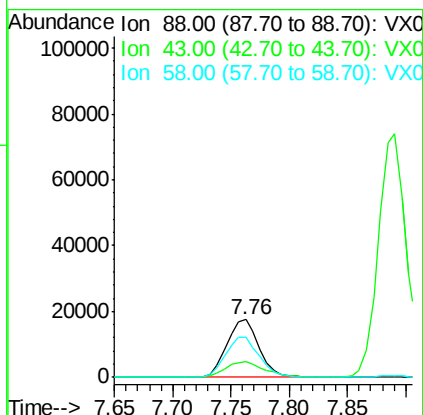
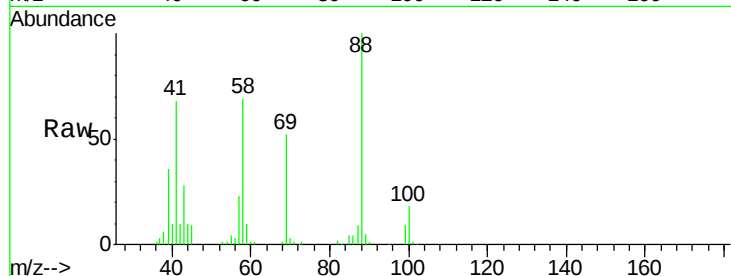




#49
1,4-Dioxane
Concen: 400.94 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX003322.D
Acq: 11 Jul 2018 16:22

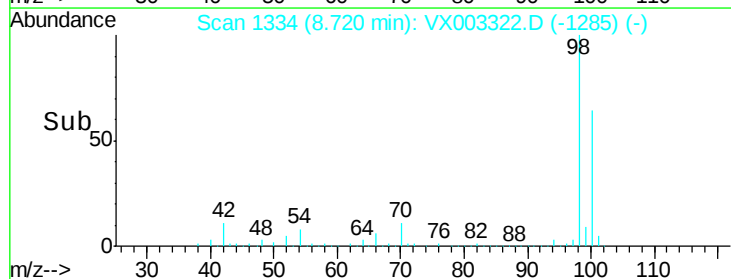
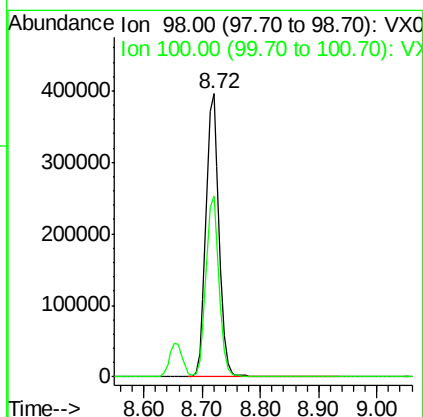
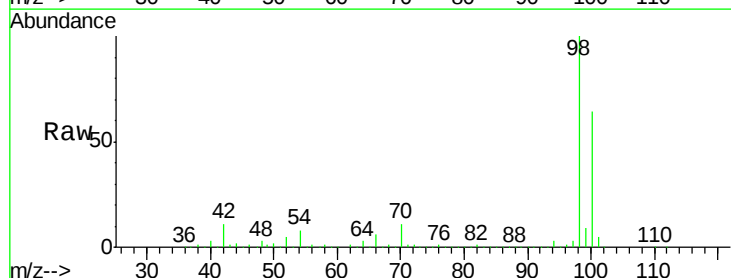
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS01

Tot Ion: 88 Resp: 33786
Ion Ratio Lower Upper
88 100
43 32.8 29.8 44.6
58 73.8 57.1 85.7



#50
Toluene-d8
Concen: 50.50 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003322.D
Acq: 11 Jul 2018 16:22

Tgt Ion: 98 Resp: 621403
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3

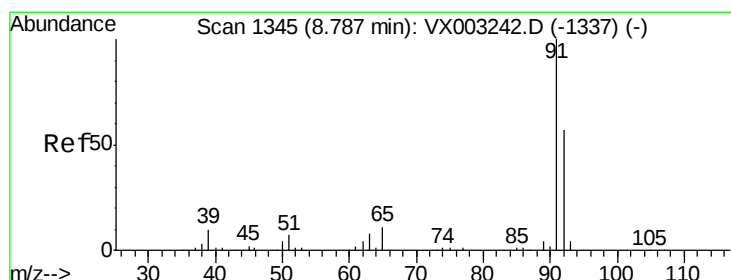
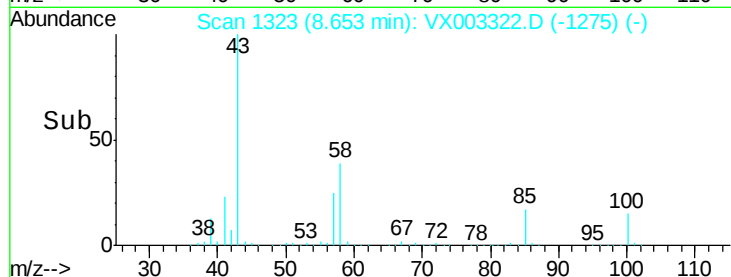
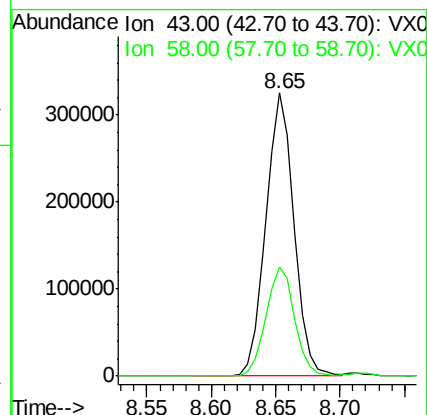
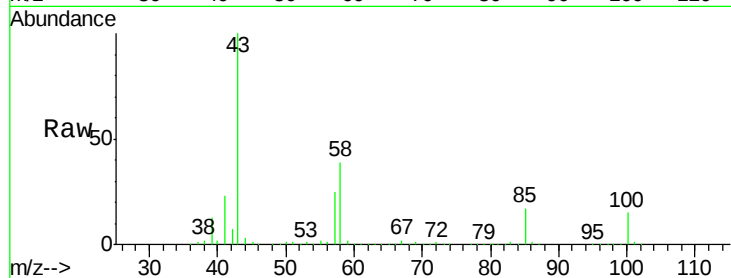




#51
4-Methyl-2-Pentanone
Concen: 100.48 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX003322.D
Acq: 11 Jul 2018 16:22

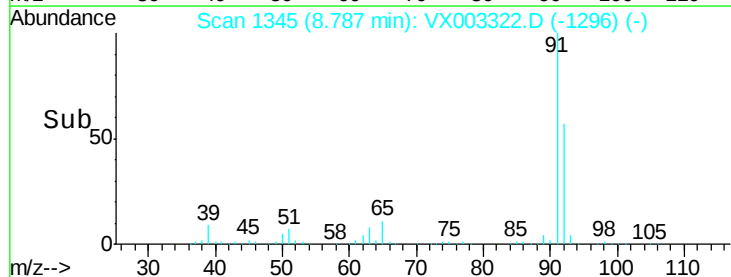
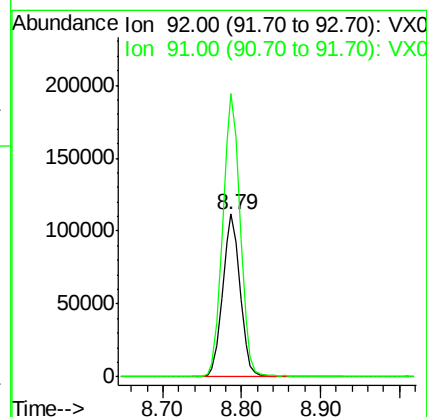
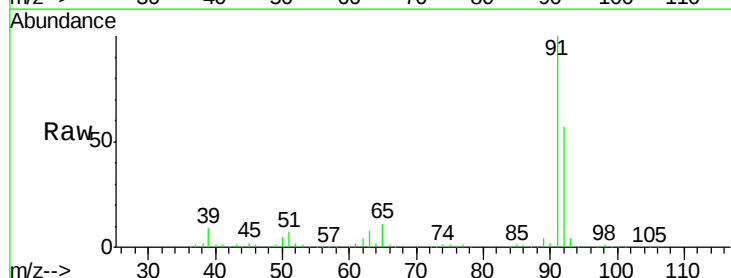
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS01

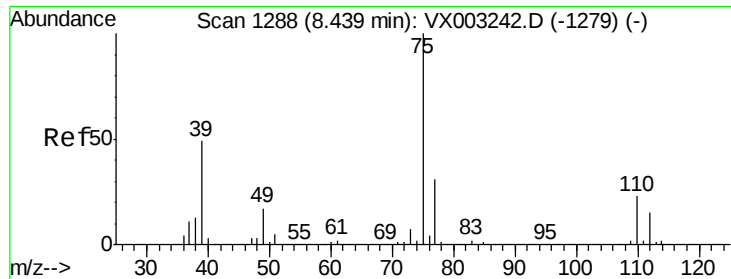
Tot Ion: 43 Resp: 491565
Ion Ratio Lower Upper
43 100
58 39.1 28.6 42.8



#52
Toluene
Concen: 20.15 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX003322.D
Acq: 11 Jul 2018 16:22

Tgt Ion: 92 Resp: 172330
Ion Ratio Lower Upper
92 100
91 174.0 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 19.49 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

Instrument :

MSVOA_X

ClientSampleId :

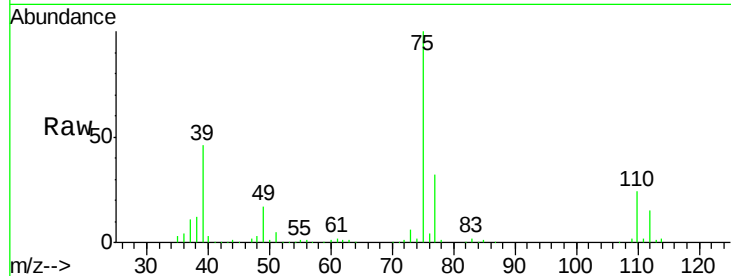
VX0711WBS01

Tot Ion: 75 Resp: 101436

Ion Ratio Lower Upper

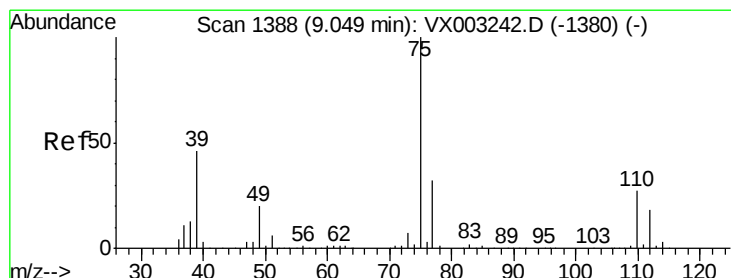
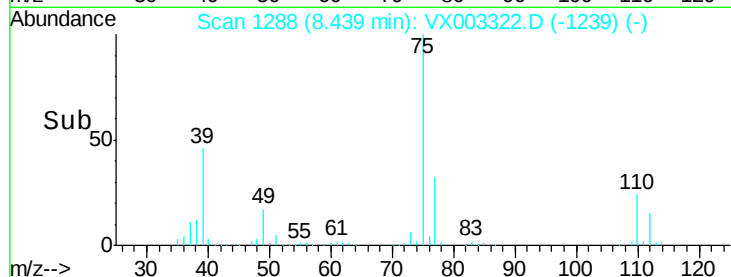
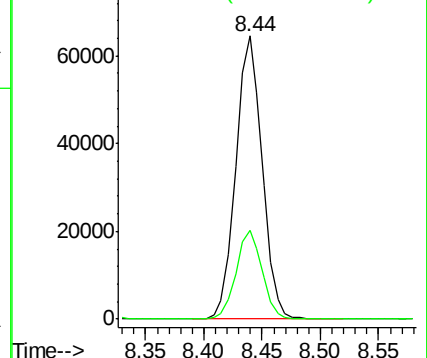
75 100

77 31.6 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.94 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

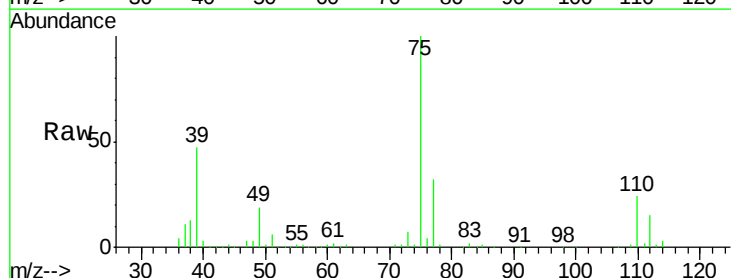
Tgt Ion: 75 Resp: 89702

Ion Ratio Lower Upper

75 100

77 31.6 24.8 37.2

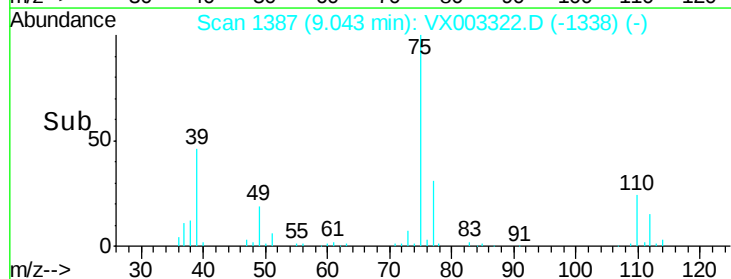
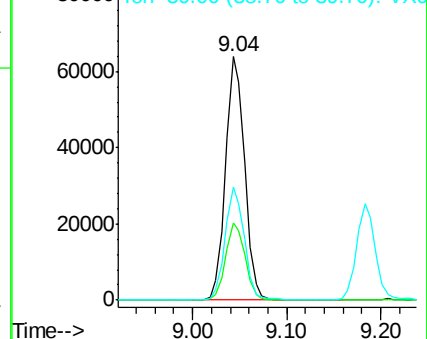
39 46.4 42.4 63.6

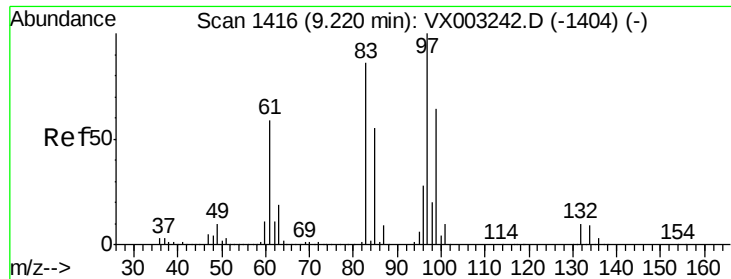


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

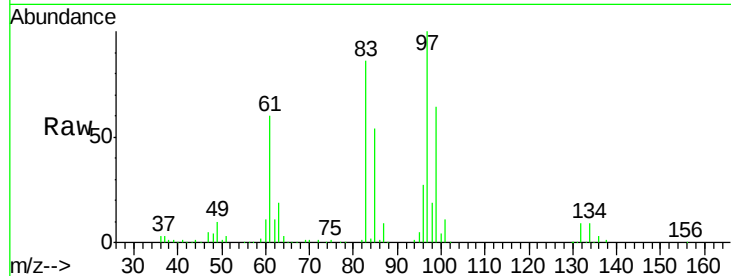




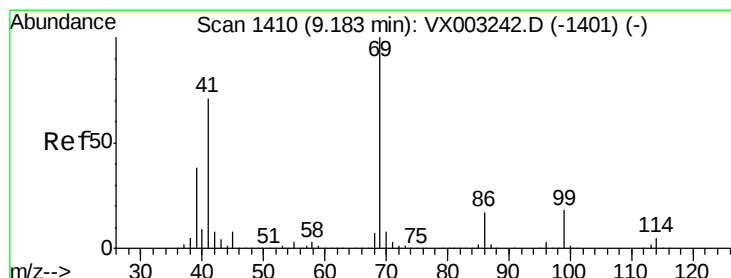
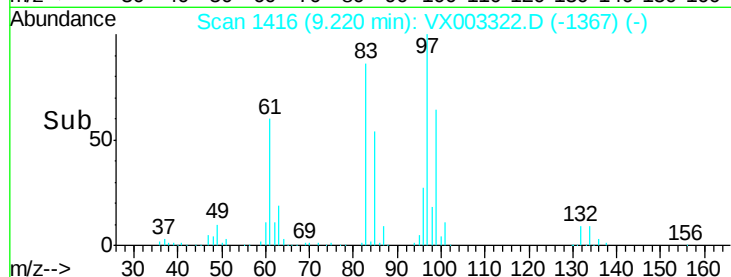
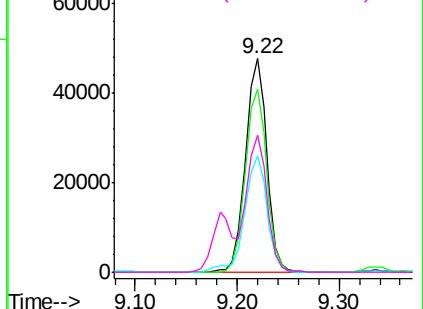
#55
 1,1,2-Trichloroethane
 Concen: 19.54 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003322.D
 Acq: 11 Jul 2018 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS01

Tot Ion: 97 Resp: 69300
 Ion Ratio Lower Upper
 97 100
 83 85.7 70.2 105.2
 85 54.4 44.9 67.3
 99 64.3 49.8 74.8

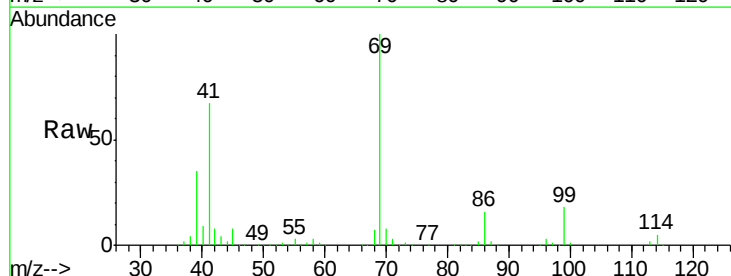


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

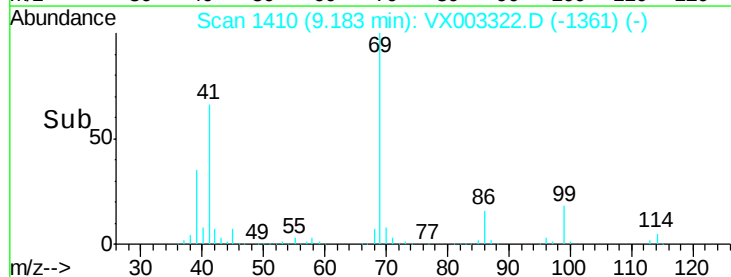
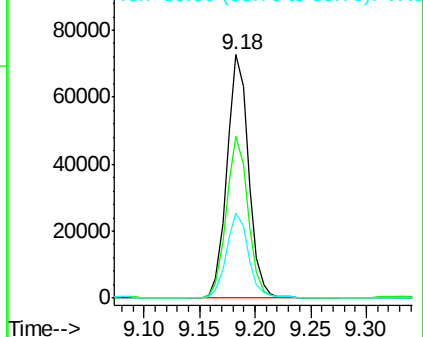


#56
 Ethyl methacrylate
 Concen: 20.21 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX003322.D
 Acq: 11 Jul 2018 16:22

Tgt Ion: 69 Resp: 98177
 Ion Ratio Lower Upper
 69 100
 41 67.4 60.3 90.5
 39 34.9 35.8 53.8#



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





#57

1,3-Dichloropropane

Concen: 20.06 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

Instrument :

MSVOA_X

ClientSampleId :

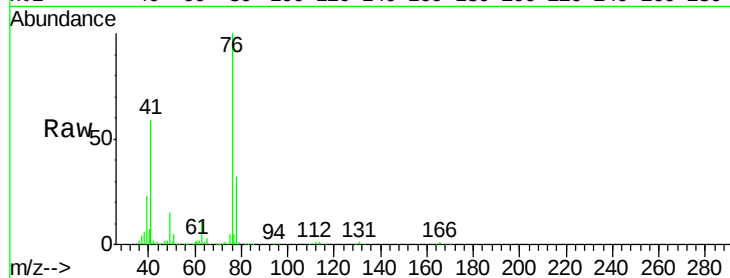
VX0711WBS01

Tot Ion: 76 Resp: 114606

Ion Ratio Lower Upper

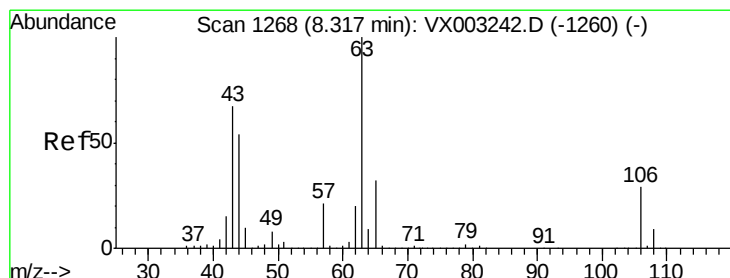
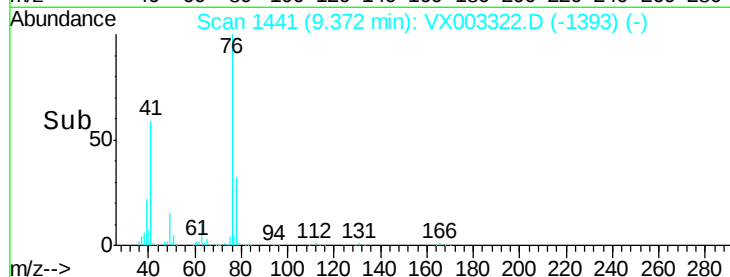
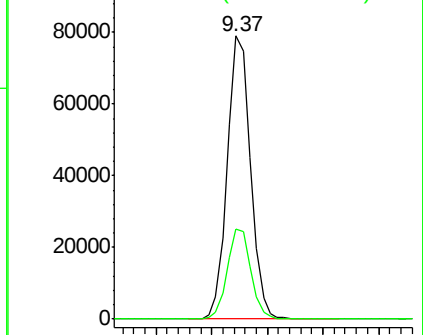
76 100

78 32.2 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 112.36 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX003322.D

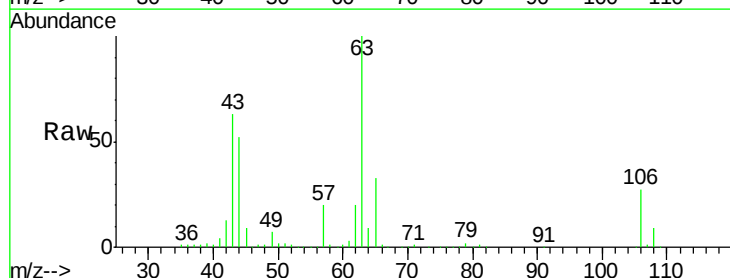
Acq: 11 Jul 2018 16:22

Tgt Ion: 63 Resp: 263335

Ion Ratio Lower Upper

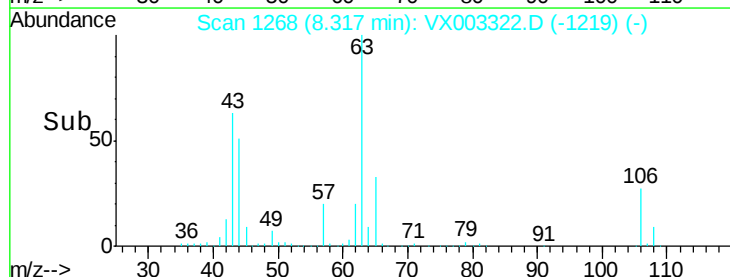
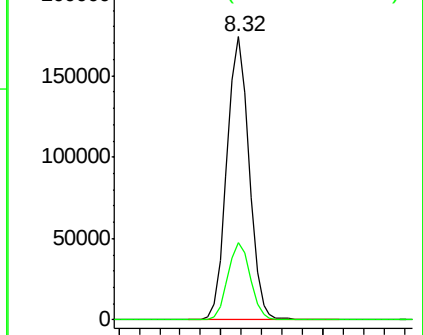
63 100

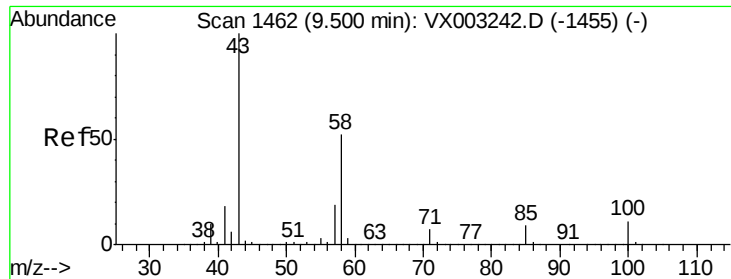
106 27.5 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 101.74 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

Instrument :

MSVOA_X

ClientSampleId :

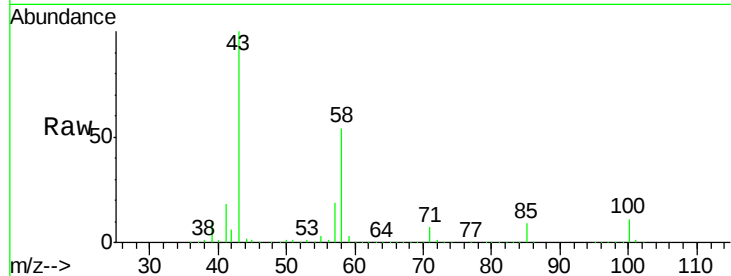
VX0711WBS01

Tot Ion: 43 Resp: 378022

Ion Ratio Lower Upper

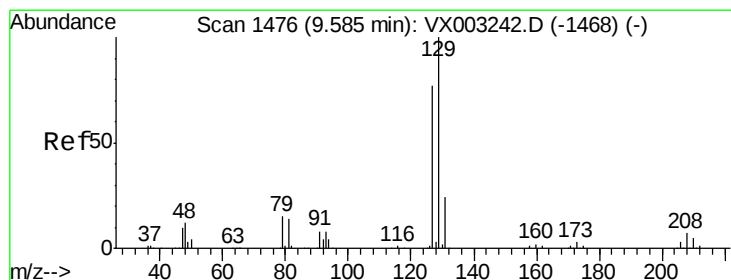
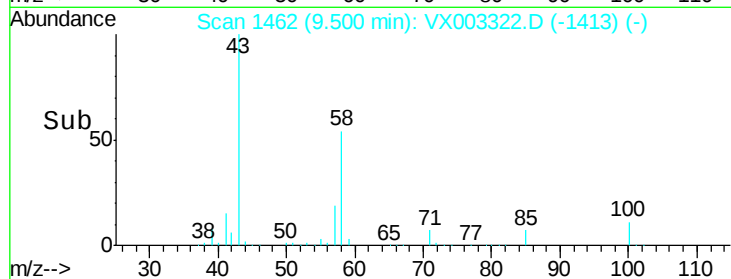
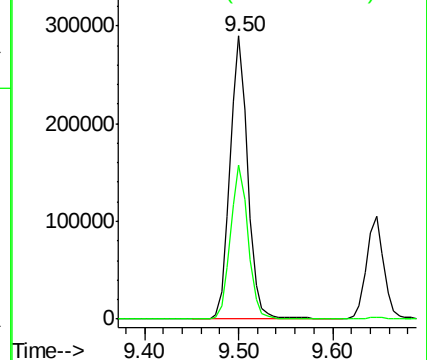
43 100

58 54.5 24.6 73.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#60

Dibromochloromethane

Concen: 17.92 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX003322.D

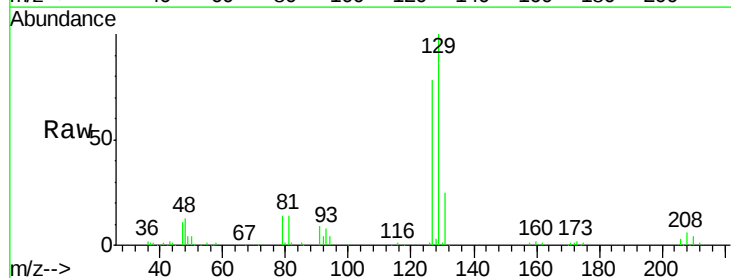
Acq: 11 Jul 2018 16:22

Tgt Ion:129 Resp: 66366

Ion Ratio Lower Upper

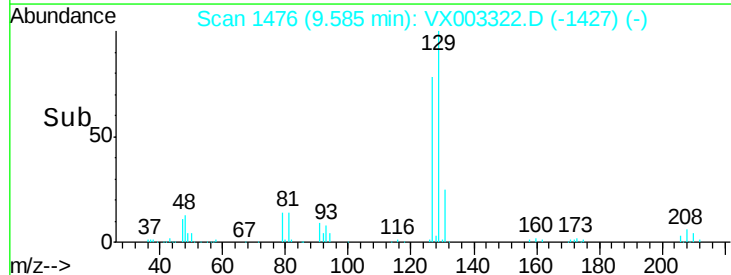
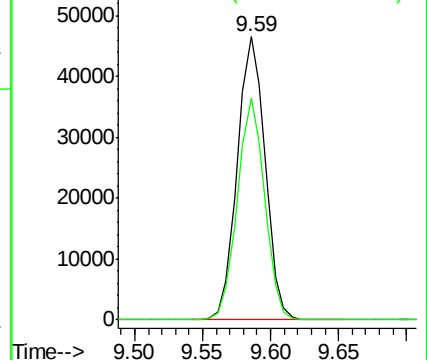
129 100

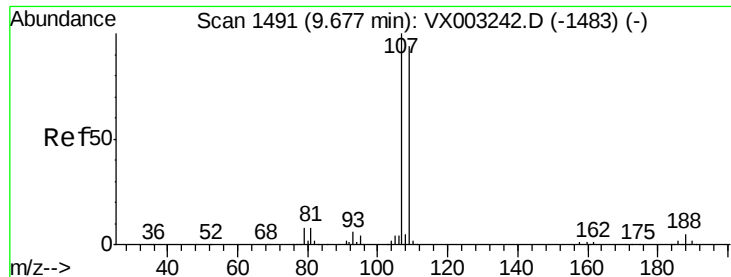
127 76.6 38.5 115.3



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 19.04 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

Instrument :

MSVOA_X

ClientSampleId :

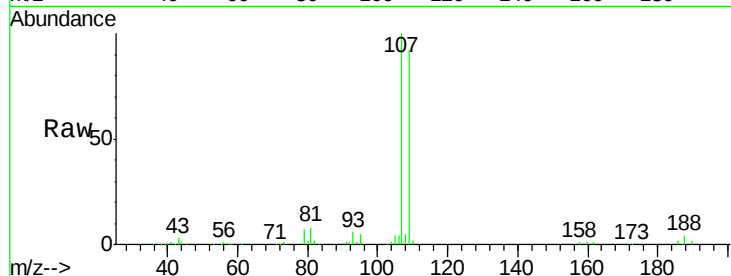
VX0711WBS01

Tot Ion:107 Resp: 70784

Ion Ratio Lower Upper

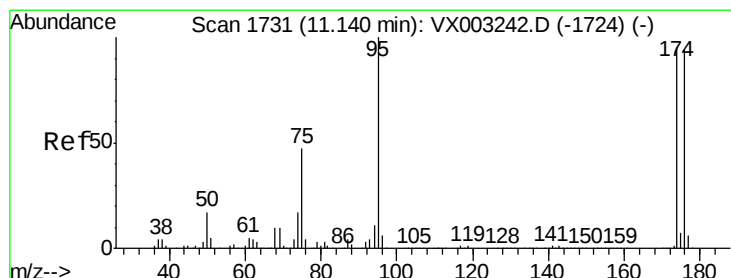
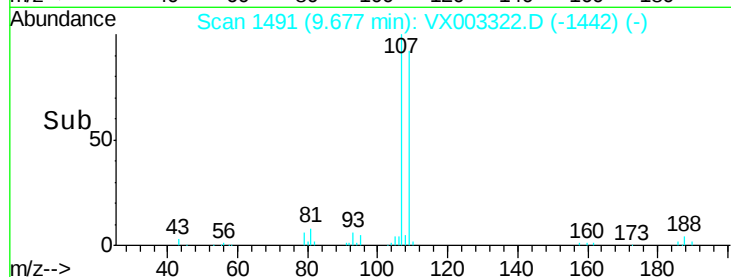
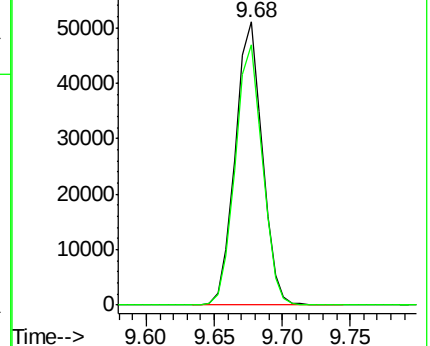
107 100

109 92.9 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: 49.93 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

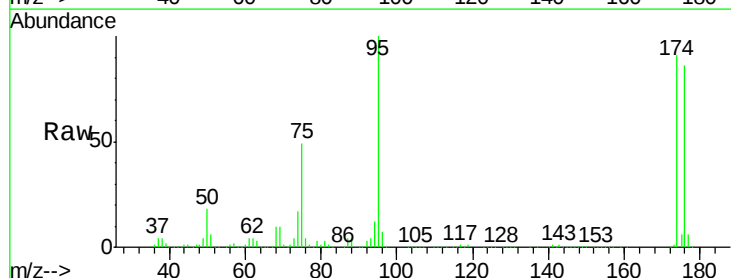
Tgt Ion: 95 Resp: 226999

Ion Ratio Lower Upper

95 100

174 92.2 0.0 187.4

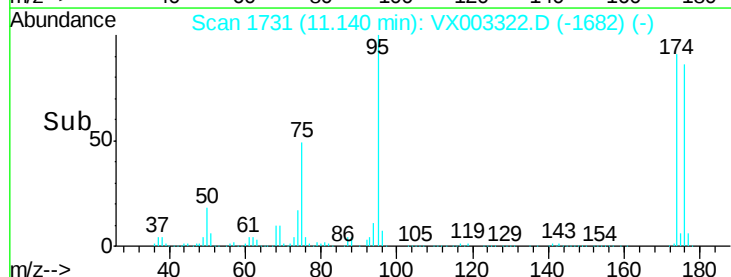
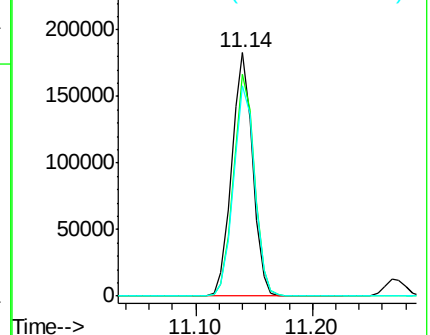
176 88.7 0.0 181.0

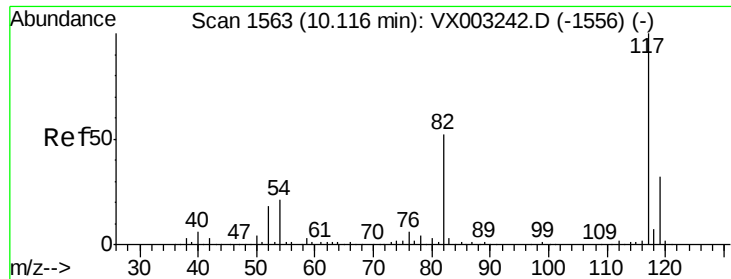


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

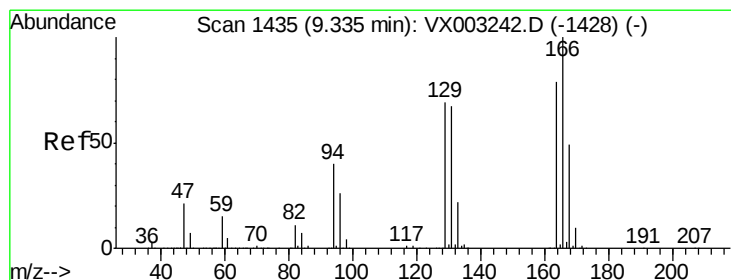
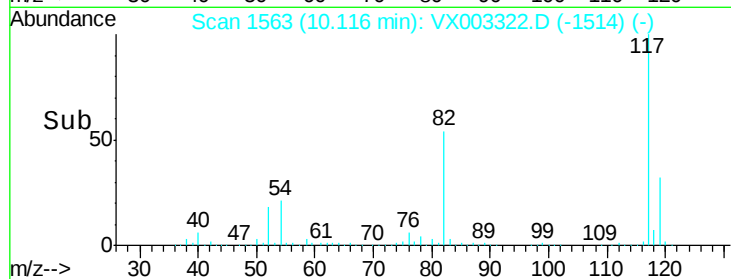
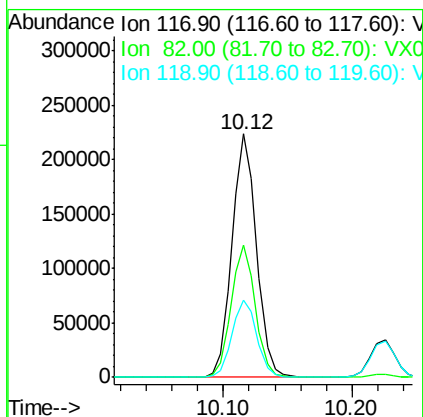
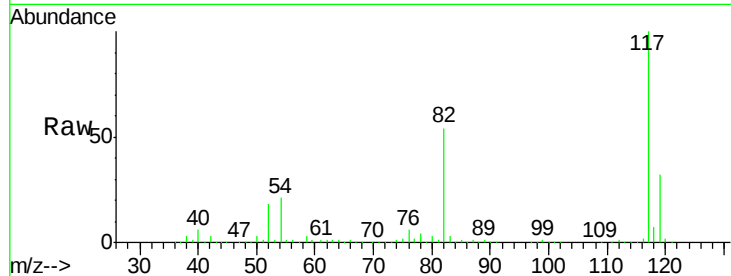




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003322.D
Acq: 11 Jul 2018 16:22

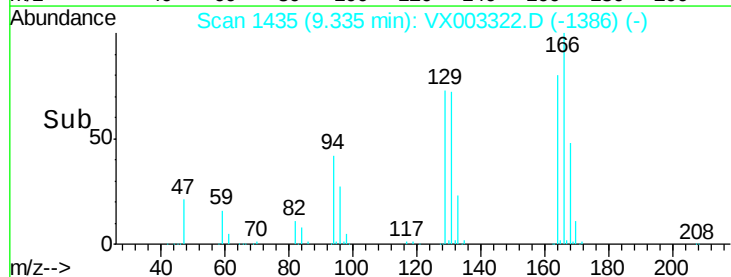
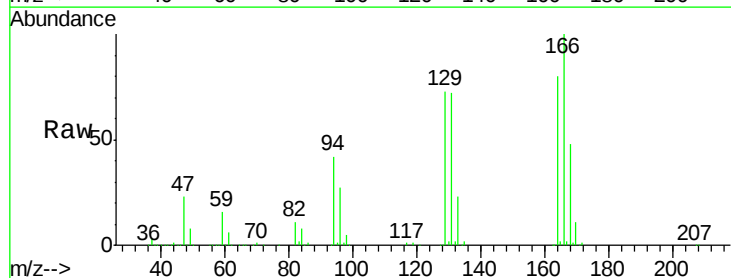
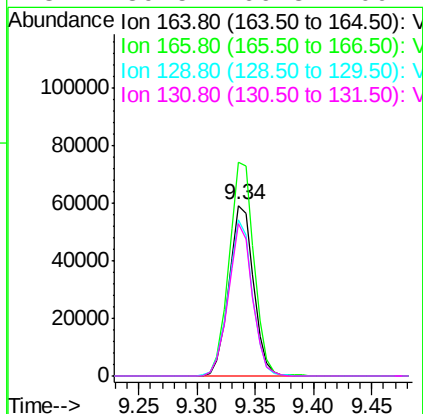
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS01

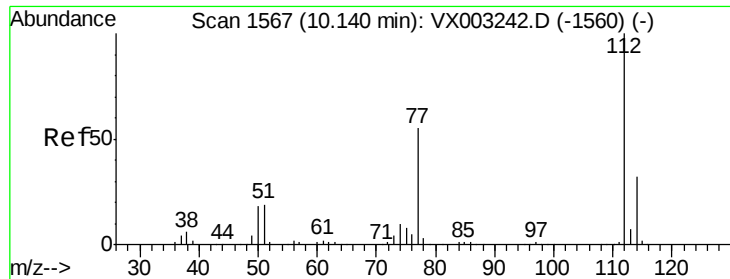
Tot Ion:117 Resp: 297023
Ion Ratio Lower Upper
117 100
82 54.1 45.0 67.4
119 31.6 25.8 38.6



#64
Tetrachloroethene
Concen: 19.32 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX003322.D
Acq: 11 Jul 2018 16:22

Tgt Ion:164 Resp: 86758
Ion Ratio Lower Upper
164 100
166 125.1 102.9 154.3
129 91.5 68.6 102.8
131 89.5 66.8 100.2





#65

Chlorobenzene

Concen: 19.02 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

Instrument :

MSVOA_X

ClientSampleId :

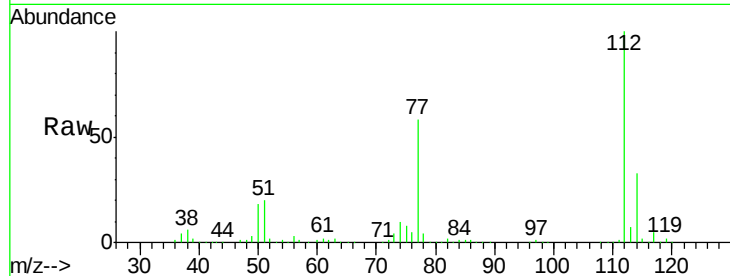
VX0711WBS01

Tot Ion:112 Resp: 192001

Ion Ratio Lower Upper

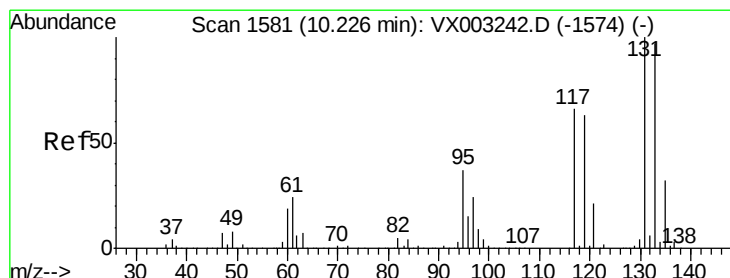
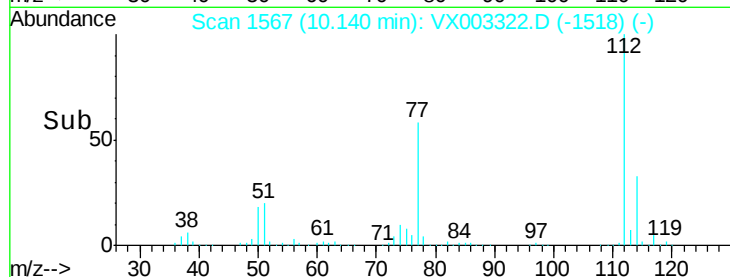
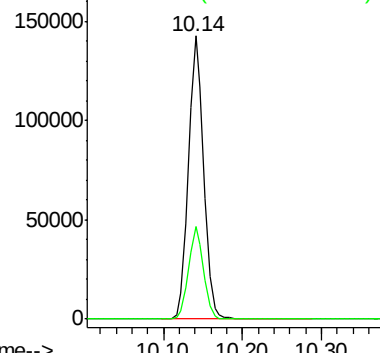
112 100

114 32.6 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: 18.48 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

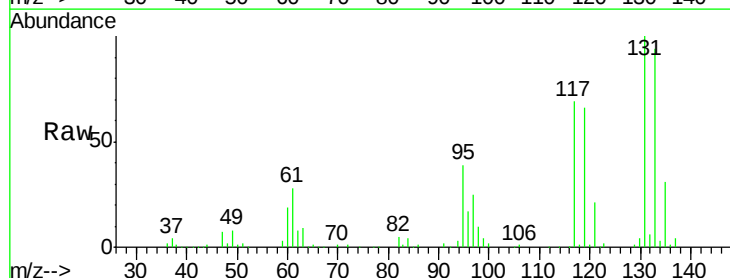
Tgt Ion:131 Resp: 67296

Ion Ratio Lower Upper

131 100

133 94.3 47.9 143.6

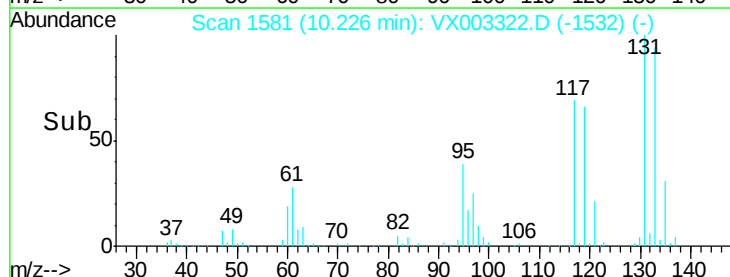
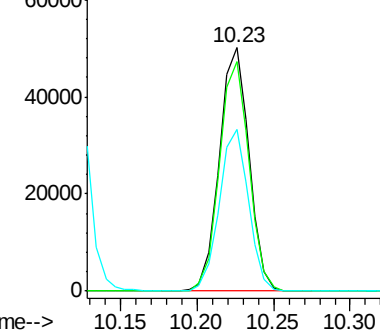
119 65.6 31.8 95.3

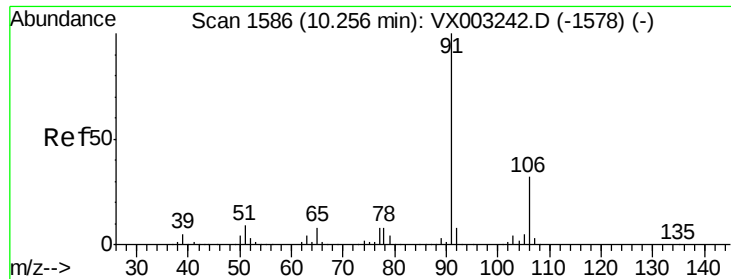


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.99 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

Instrument :

MSVOA_X

ClientSampled :

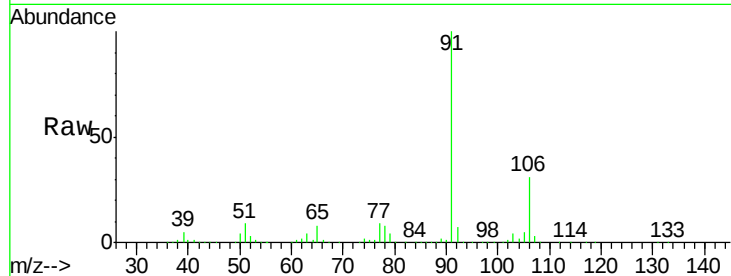
VX0711WBS01

Tot Ion: 91 Resp: 326191

Ion Ratio Lower Upper

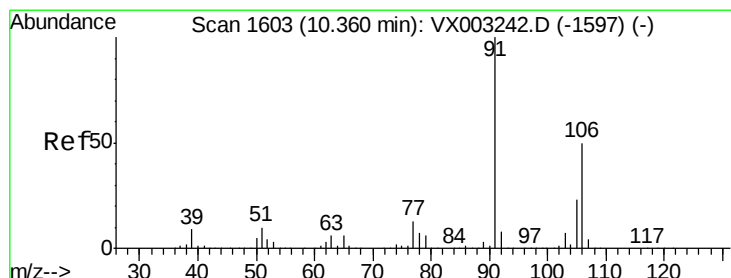
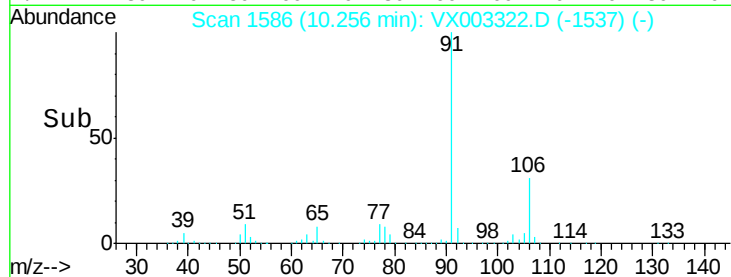
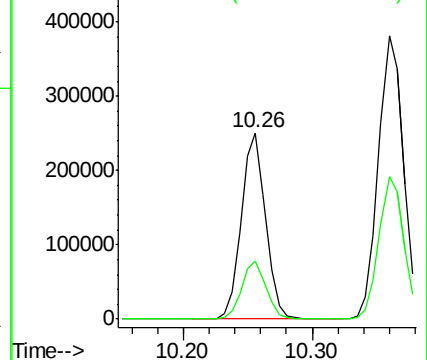
91 100

106 31.3 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: 40.10 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX003322.D

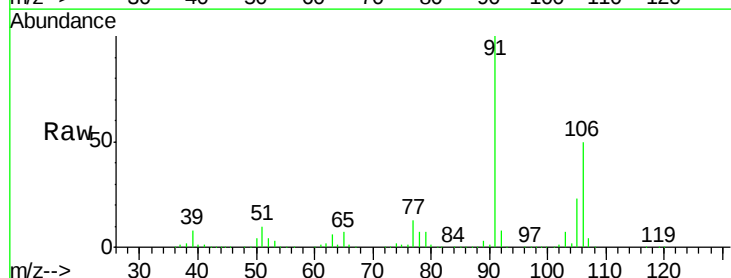
Acq: 11 Jul 2018 16:22

Tgt Ion: 106 Resp: 254581

Ion Ratio Lower Upper

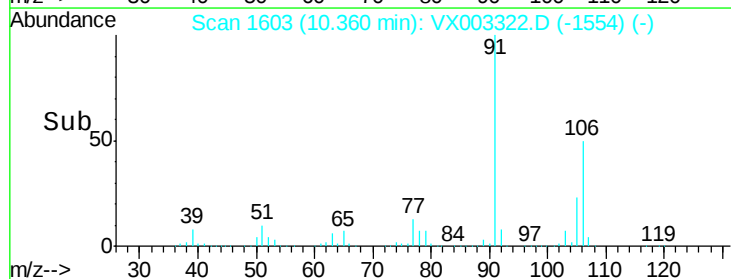
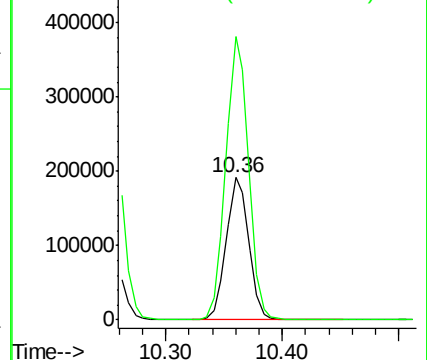
106 100

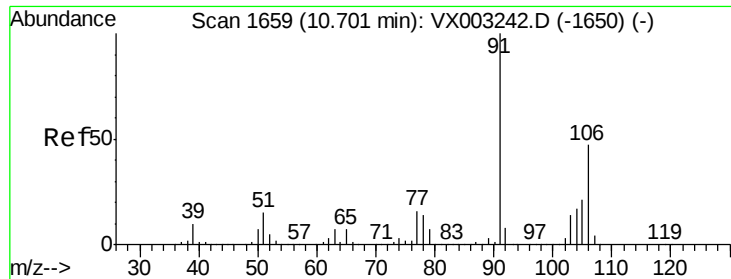
91 199.9 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

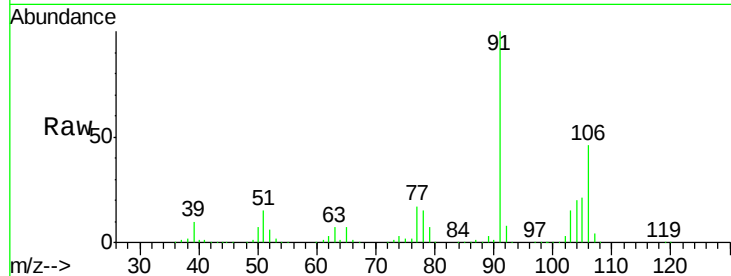




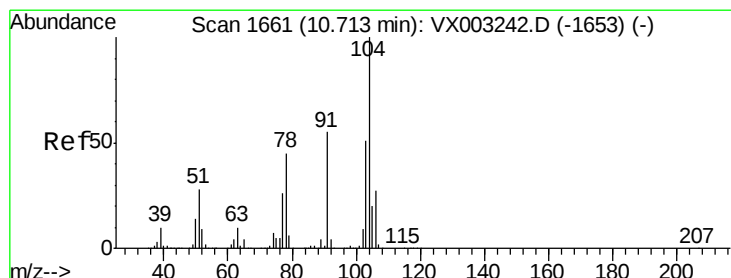
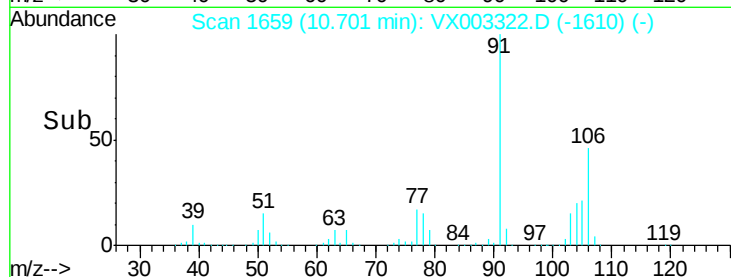
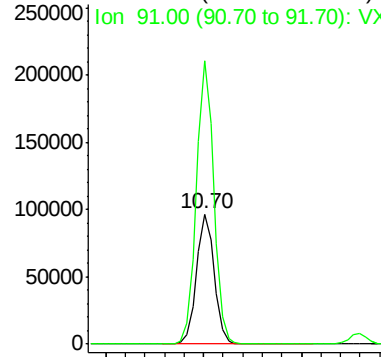
#69
o-Xylene
Concen: 19.68 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003322.D
Acq: 11 Jul 2018 16:22

Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS01

Tot Ion:106 Resp: 121042
Ion Ratio Lower Upper
106 100
91 215.0 108.2 324.6

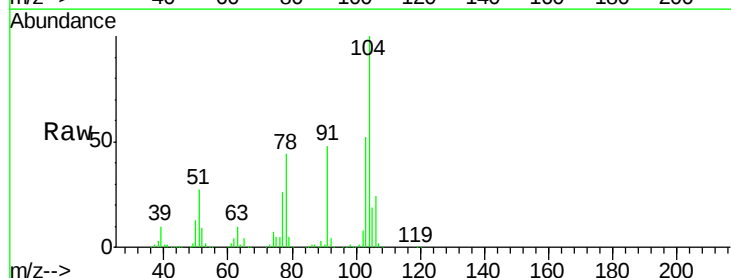


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

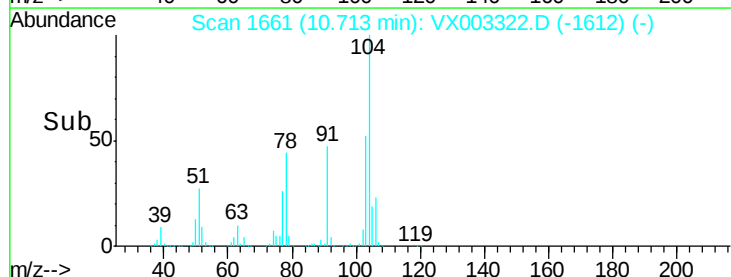
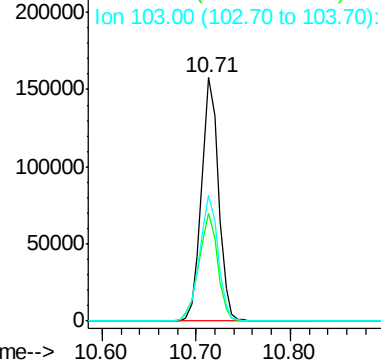


#70
Styrene
Concen: 20.08 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003322.D
Acq: 11 Jul 2018 16:22

Tgt Ion:104 Resp: 200236
Ion Ratio Lower Upper
104 100
78 48.6 41.0 61.6
103 56.1 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: 16.67 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

Instrument :

MSVOA_X

ClientSampled :

VX0711WBS01

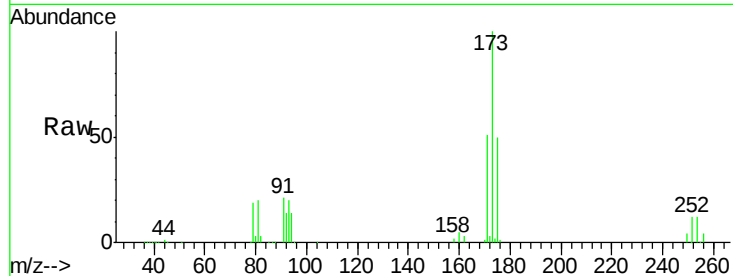
Tot Ion:173 Resp: 49943

Ion Ratio Lower Upper

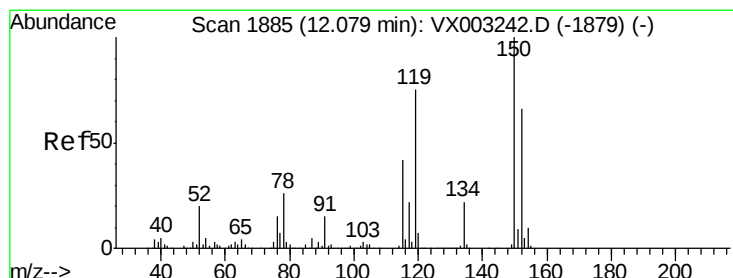
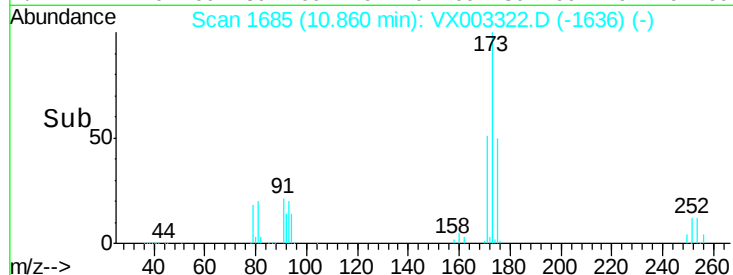
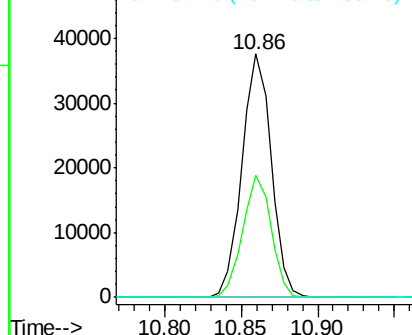
173 100

175 48.8 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# 1885

Delta R.T. -0.00 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

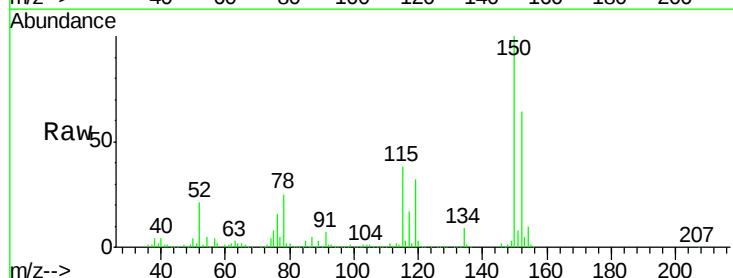
Tgt Ion:152 Resp: 201696

Ion Ratio Lower Upper

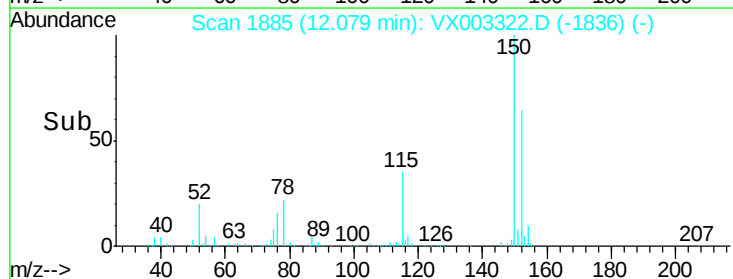
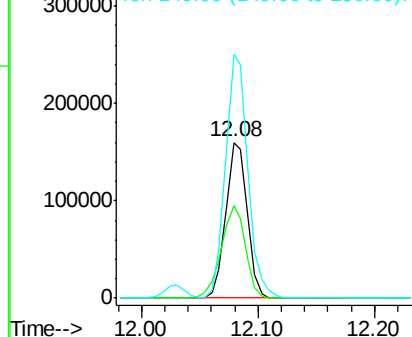
152 100

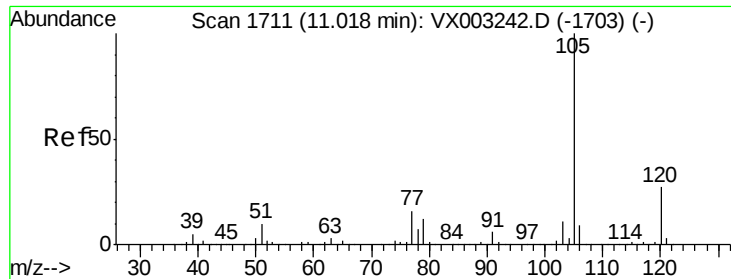
115 66.6 40.1 120.2

150 164.4 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: 20.69 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

Instrument :

MSVOA_X

ClientSampleId :

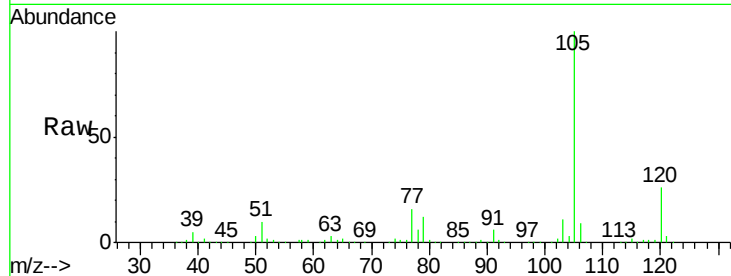
VX0711WBS01

Tot Ion:105 Resp: 329488

Ion Ratio Lower Upper

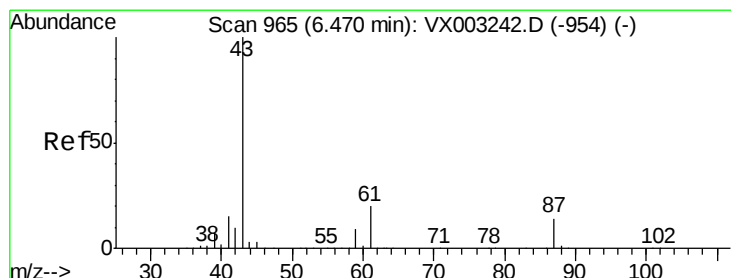
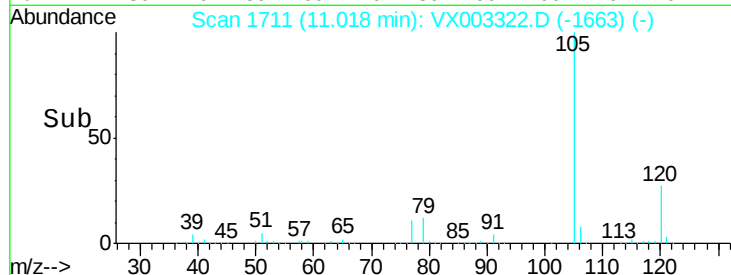
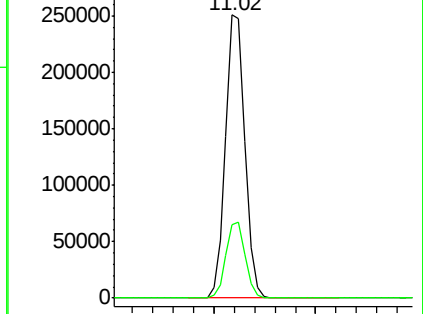
105 100

120 26.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.60 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

Tgt Ion: 43 Resp: 148889

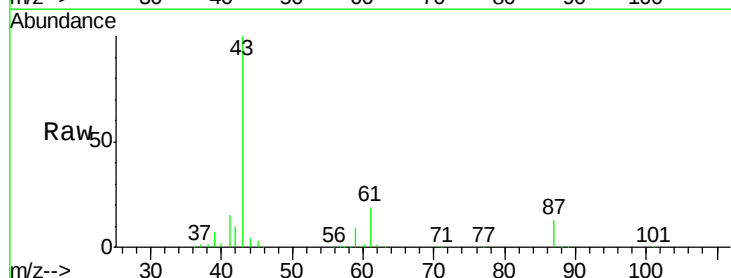
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 19.5 14.4 21.6

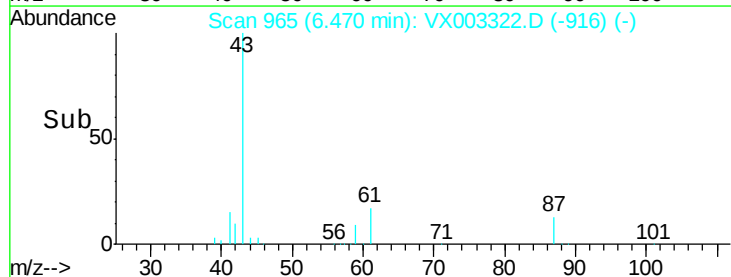
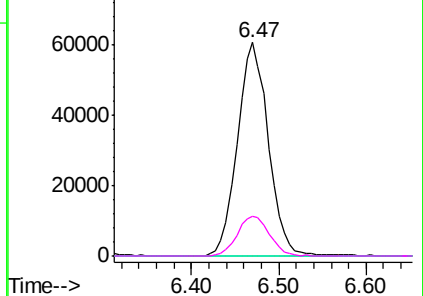


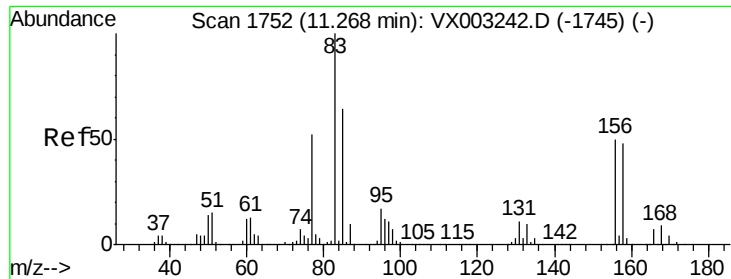
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 20.62 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

Instrument :

MSVOA_X

ClientSampled :

VX0711WBS01

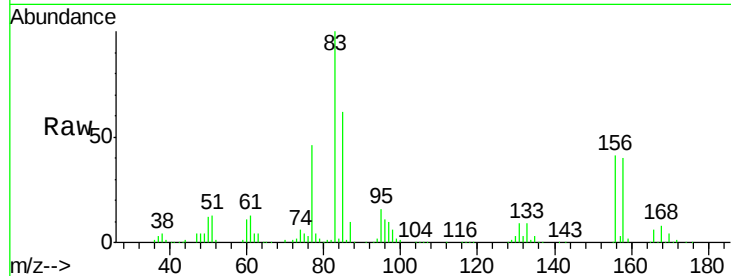
Tot Ion: 83 Resp: 101837

Ion Ratio Lower Upper

83 100

131 10.2 5.6 16.8

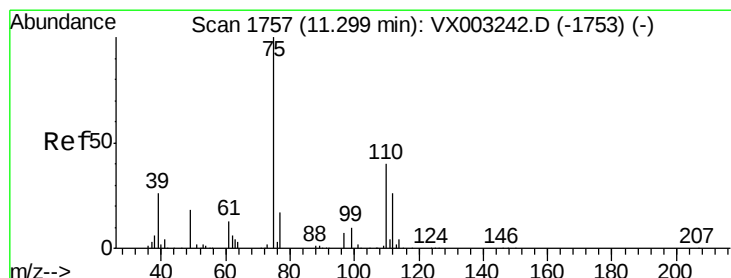
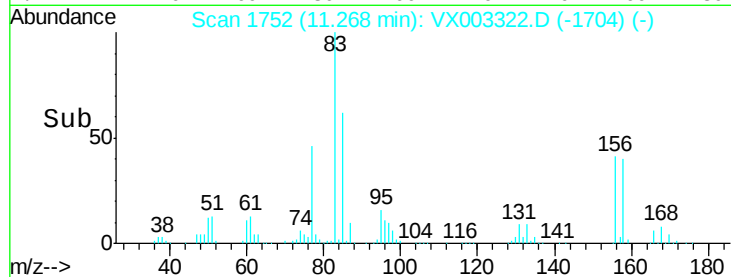
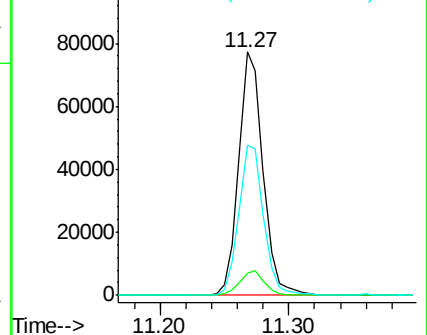
85 63.3 32.4 97.2



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: 25.96 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX003322.D

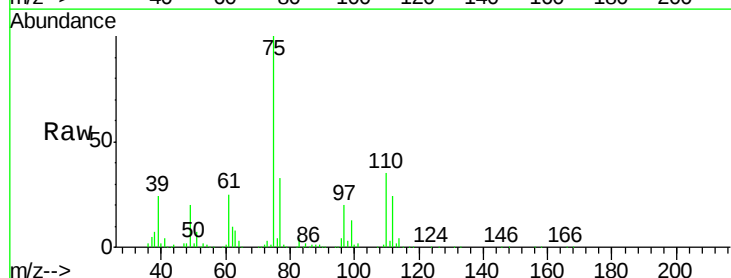
Acq: 11 Jul 2018 16:22

Tgt Ion: 75 Resp: 113139

Ion Ratio Lower Upper

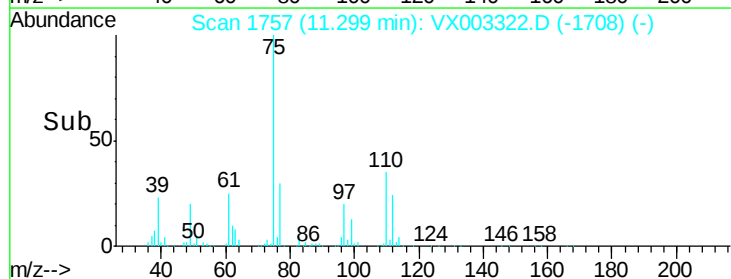
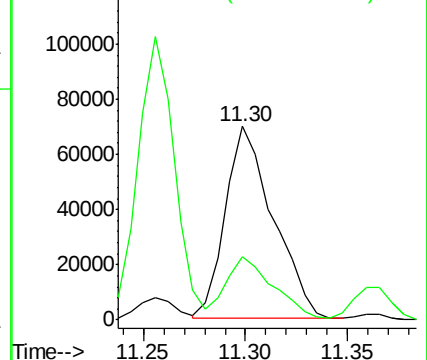
75 100

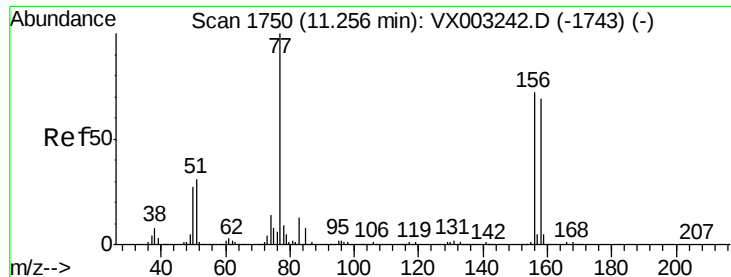
77 32.9 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.18 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS01

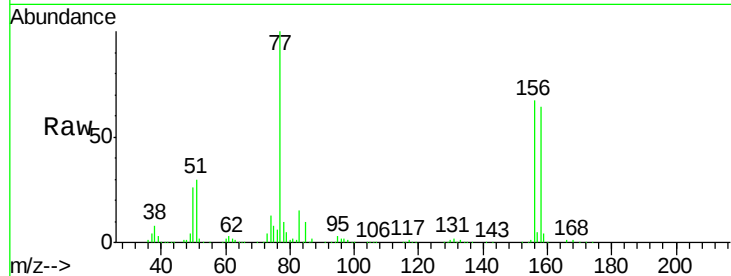
Tot Ion:156 Resp: 88206

Ion Ratio Lower Upper

156 100

77 145.2 71.4 214.2

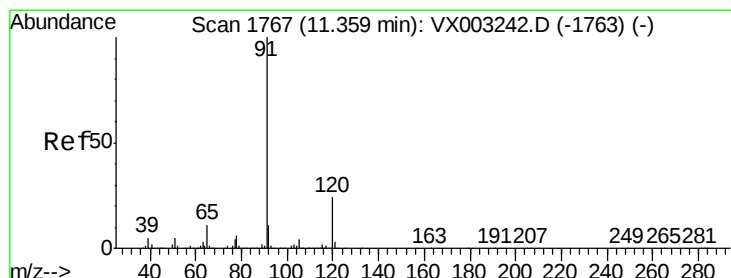
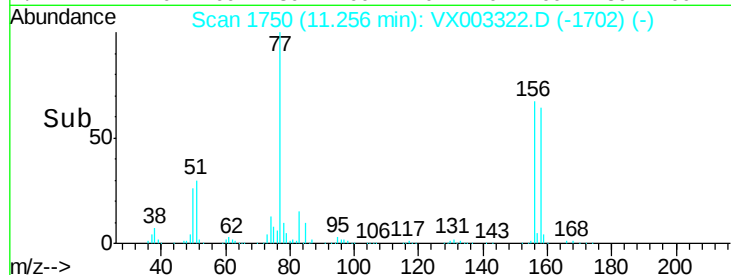
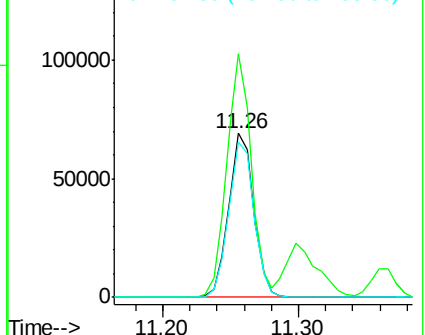
158 96.9 48.9 146.6



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: 21.58 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003322.D

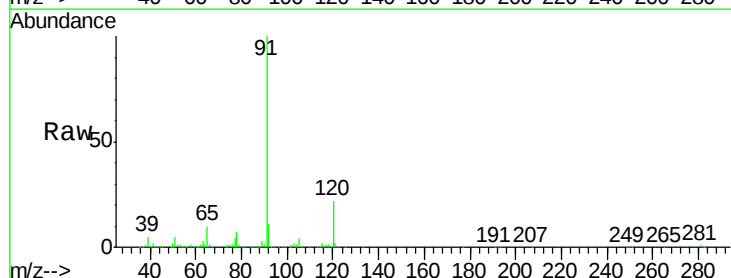
Acq: 11 Jul 2018 16:22

Tgt Ion: 91 Resp: 382142

Ion Ratio Lower Upper

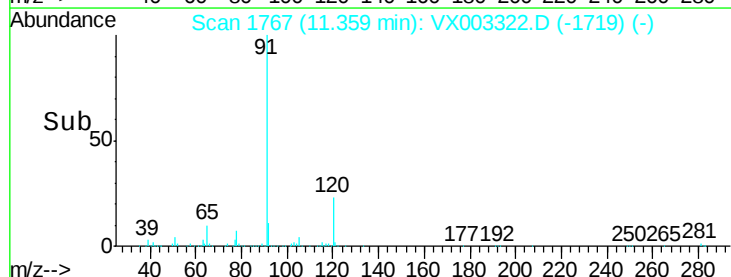
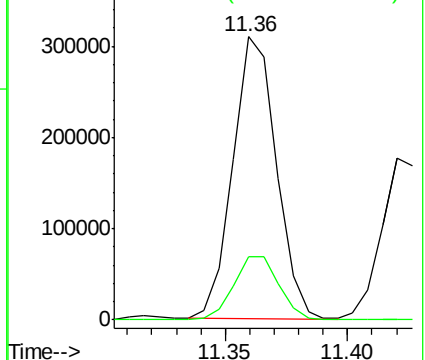
91 100

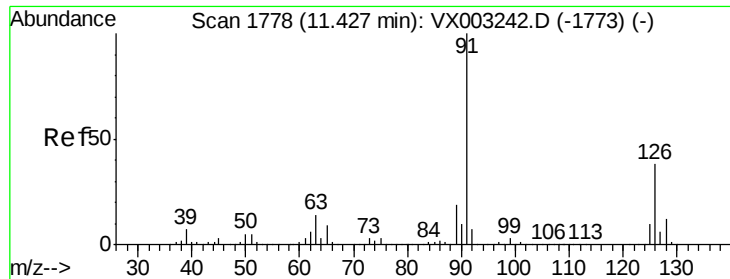
120 23.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

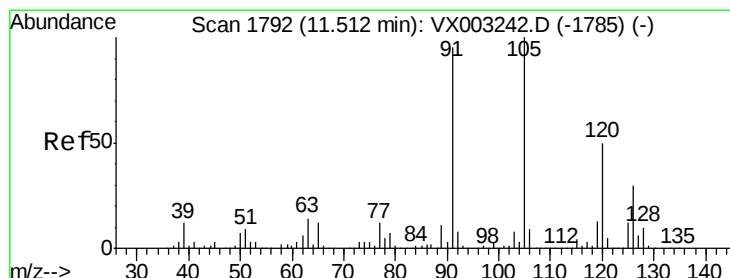
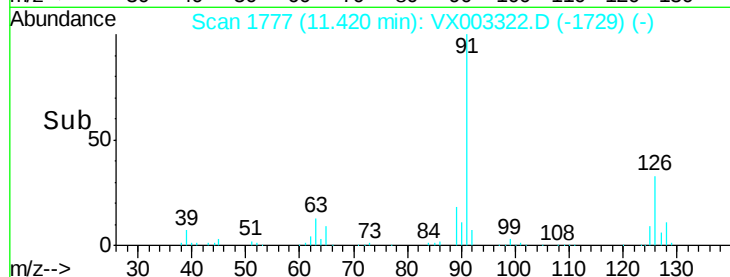
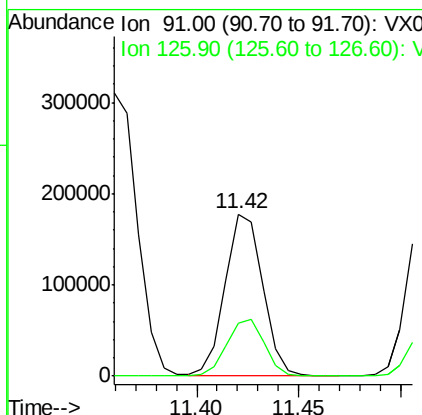
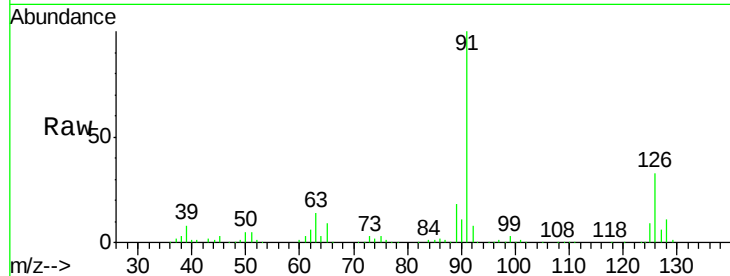




#79
 2-Chlorotoluene
 Concen: 20.95 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: VX003322.D
 Acq: 11 Jul 2018 16:22

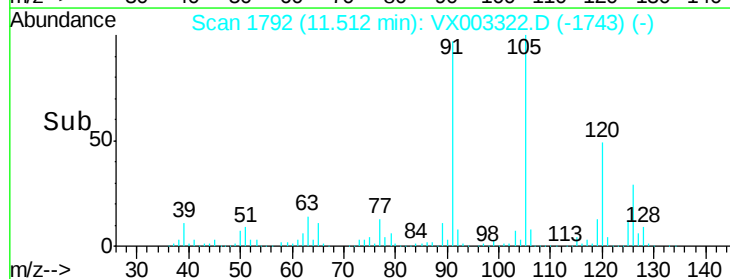
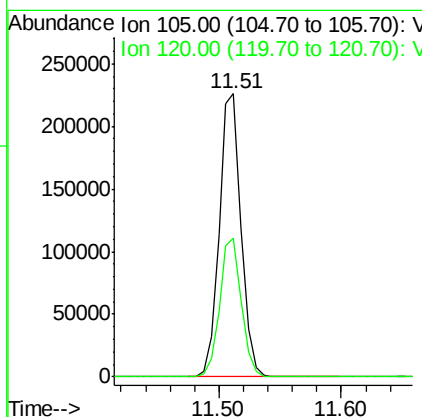
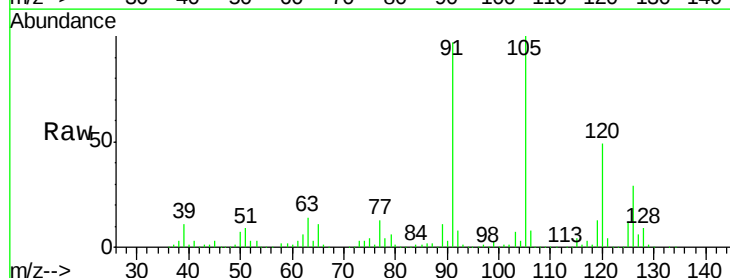
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS01

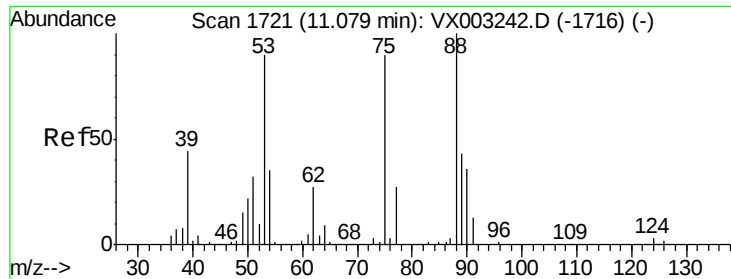
Tot Ion: 91 Resp: 226025
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 21.03 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX003322.D
 Acq: 11 Jul 2018 16:22

Tgt Ion:105 Resp: 278840
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 19.15 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

Instrument :

MSVOA_X

ClientSampled :

VX0711WBS01

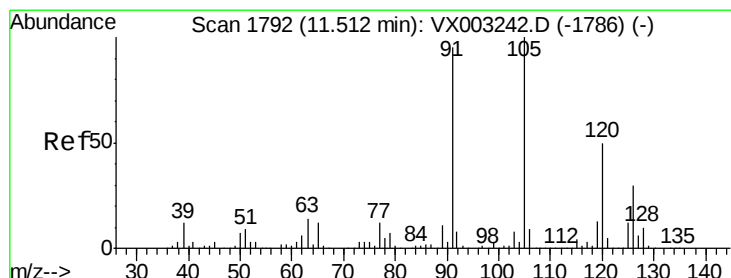
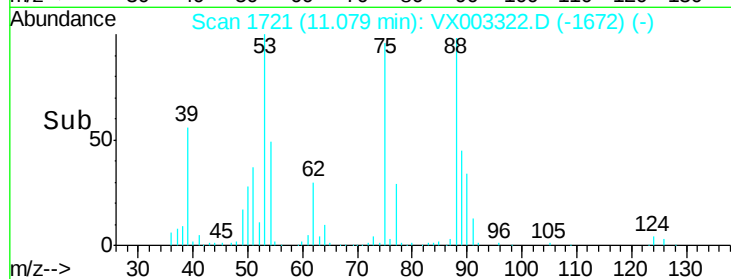
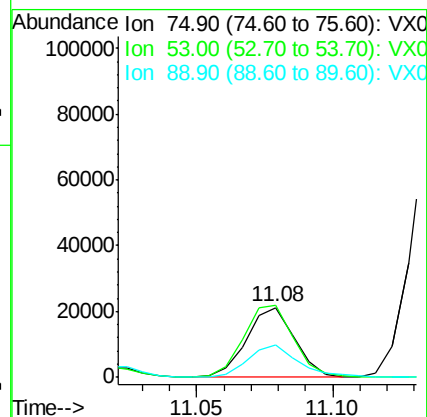
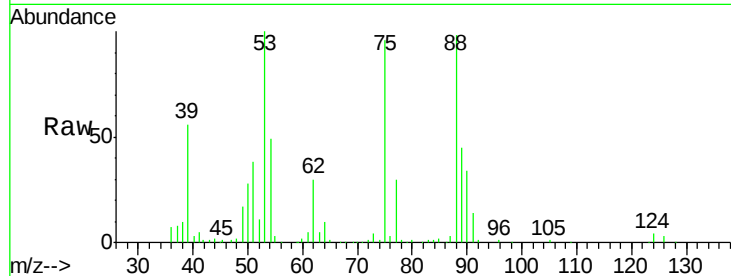
Tot Ion: 75 Resp: 25541

Ion Ratio Lower Upper

75 100

53 110.6 86.8 130.2

89 51.1 38.2 57.2



#82

4-Chlorotoluene

Concen: 21.00 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003322.D

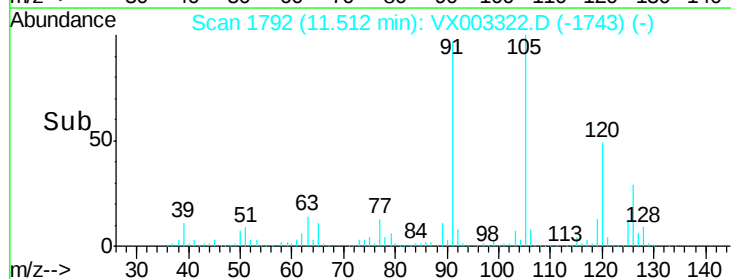
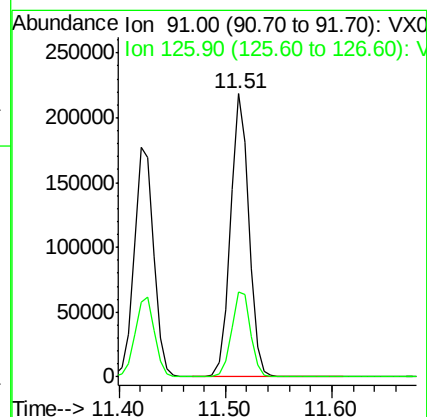
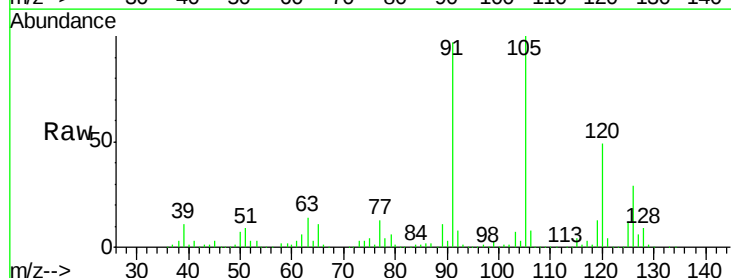
Acq: 11 Jul 2018 16:22

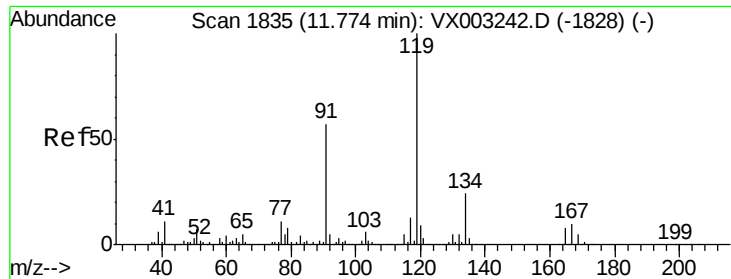
Tgt Ion: 91 Resp: 264522

Ion Ratio Lower Upper

91 100

126 31.2 15.4 46.4

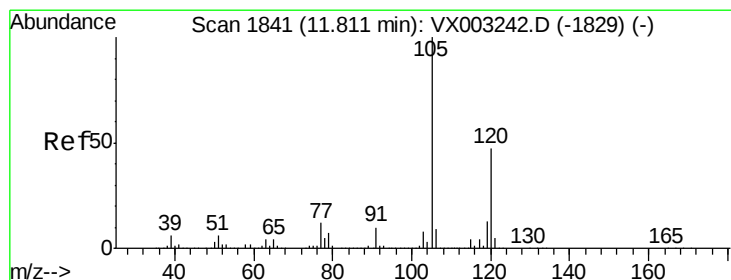
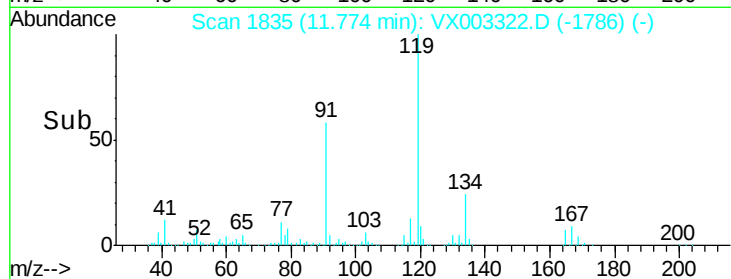
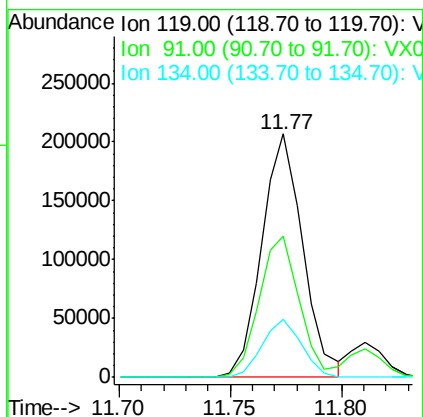
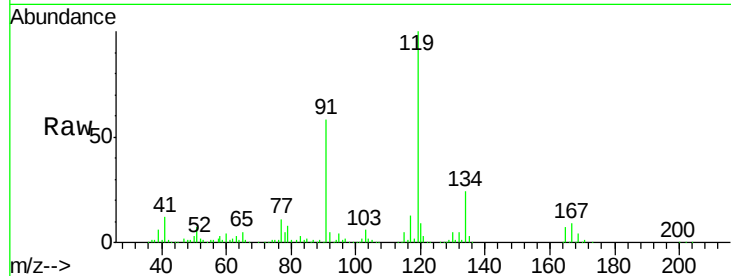




#83
 tert-Butylbenzene
 Concen: 19.98 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX003322.D
 Acq: 11 Jul 2018 16:22

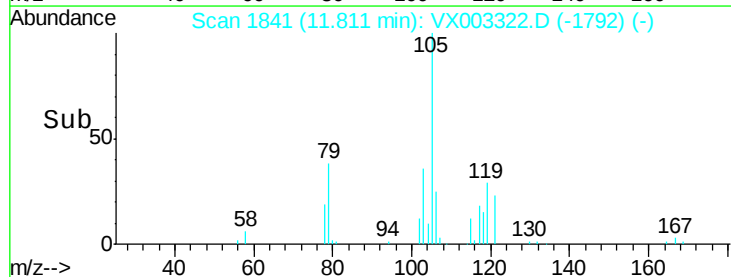
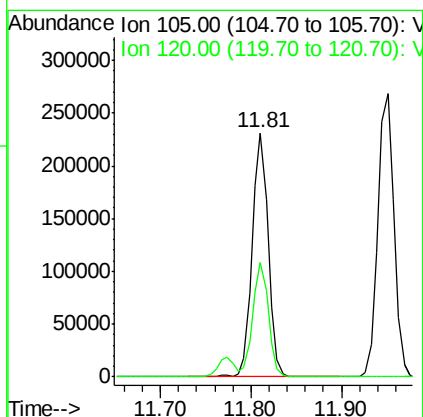
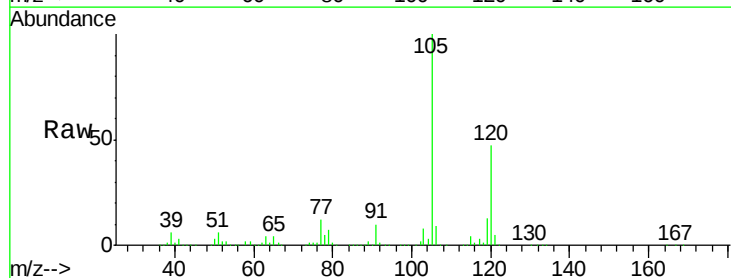
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0711WBS01

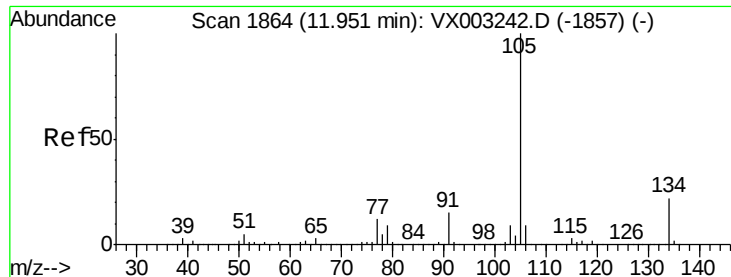
Tot Ion:119 Resp: 264603
 Ion Ratio Lower Upper
 119 100
 91 56.9 30.3 90.9
 134 23.4 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.83 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003322.D
 Acq: 11 Jul 2018 16:22

Tgt Ion:105 Resp: 282814
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.3 66.8





#85

sec-Butylbenzene

Concen: 21.09 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

Instrument :

MSVOA_X

ClientSampleId :

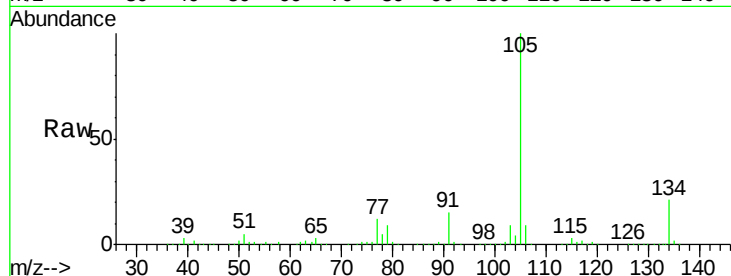
VX0711WBS01

Tot Ion:105 Resp: 330129

Ion Ratio Lower Upper

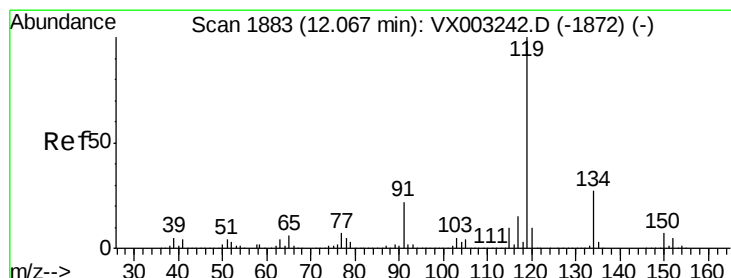
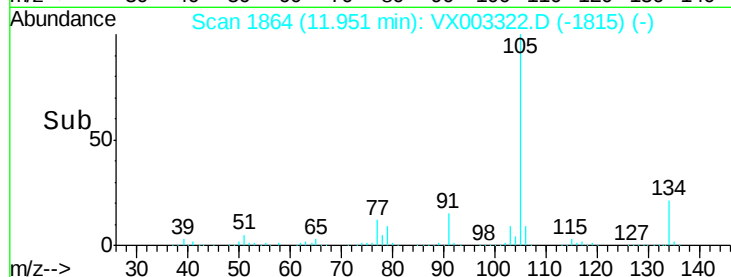
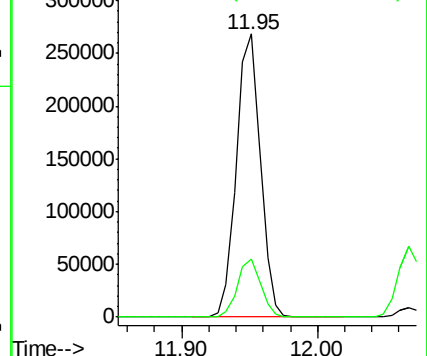
105 100

134 20.0 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.84 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

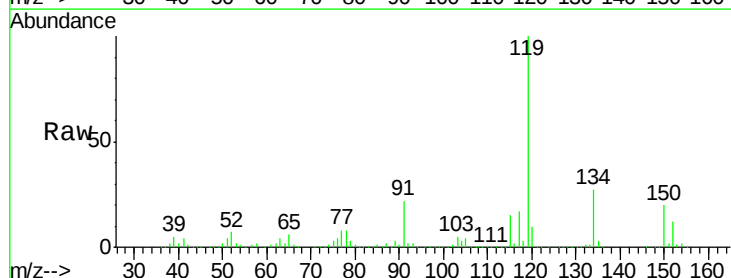
Tgt Ion:119 Resp: 297200

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

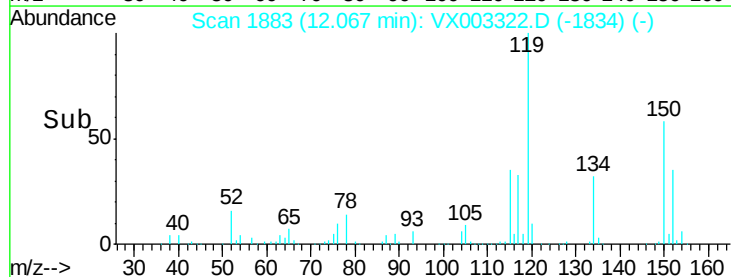
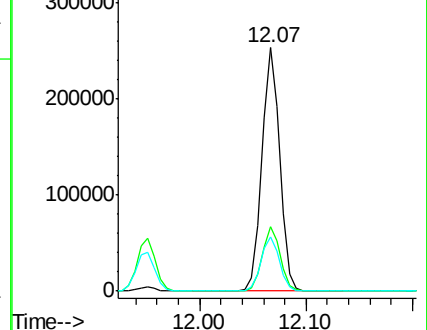
91 23.0 11.9 35.7

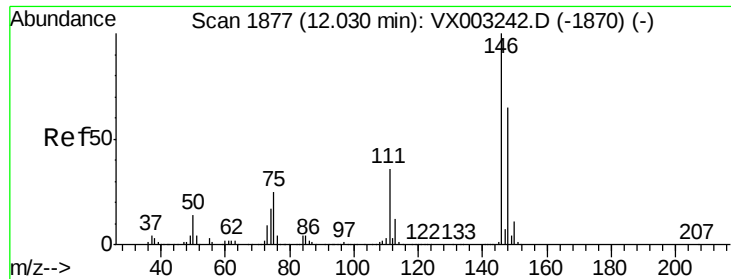


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.34 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

Instrument :

MSVOA_X

ClientSampled :

VX0711WBS01

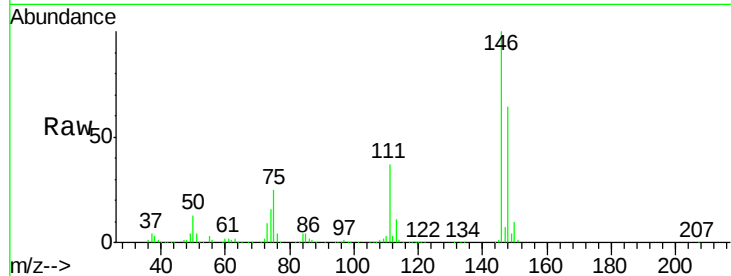
Tot Ion:146 Resp: 163093

Ion Ratio Lower Upper

146 100

111 37.8 18.9 56.7

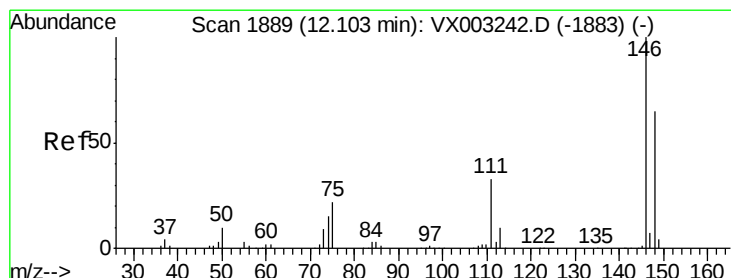
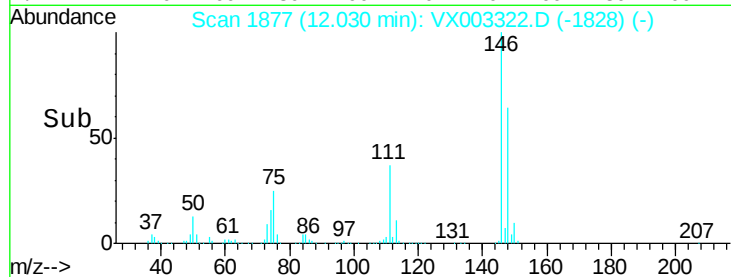
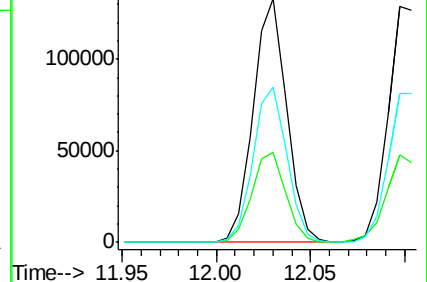
148 64.7 32.1 96.3



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: 19.27 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

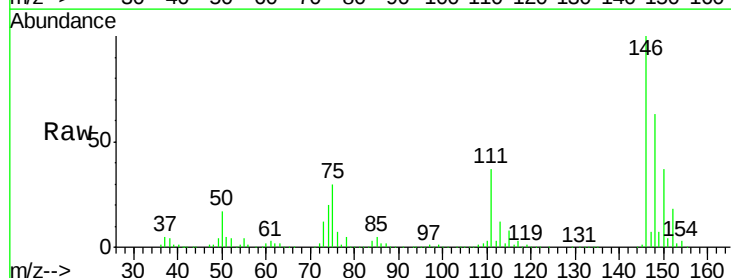
Tgt Ion:146 Resp: 164566

Ion Ratio Lower Upper

146 100

111 37.6 18.7 56.1

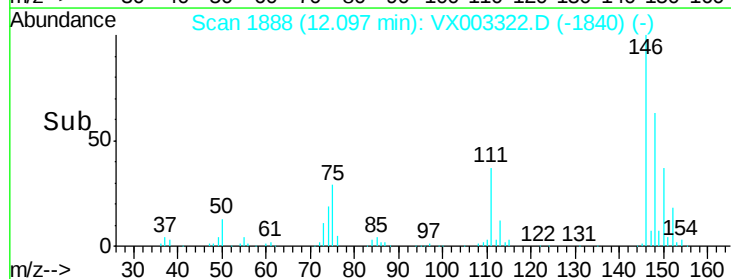
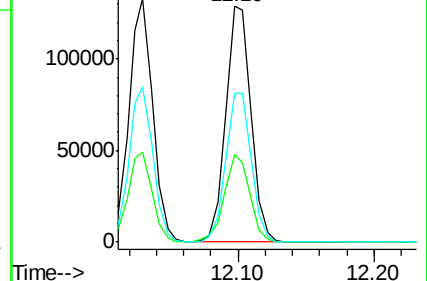
148 64.3 32.4 97.0

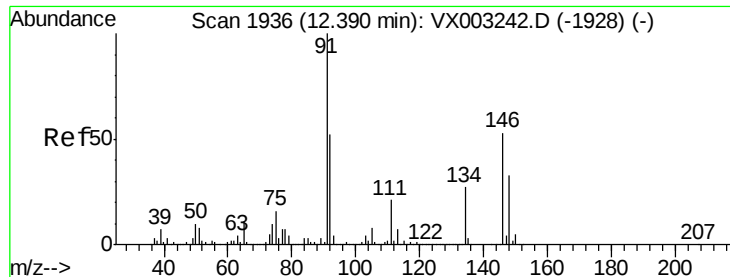


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 21.65 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

Instrument :

MSVOA_X

ClientSampled :

VX0711WBS01

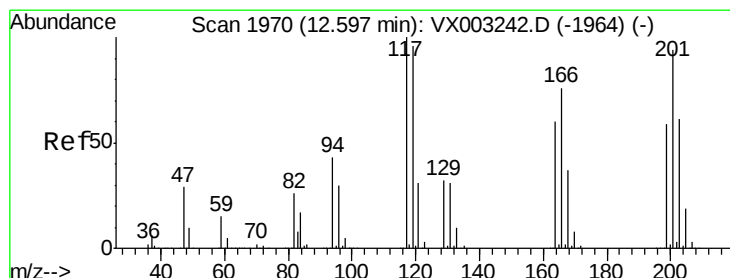
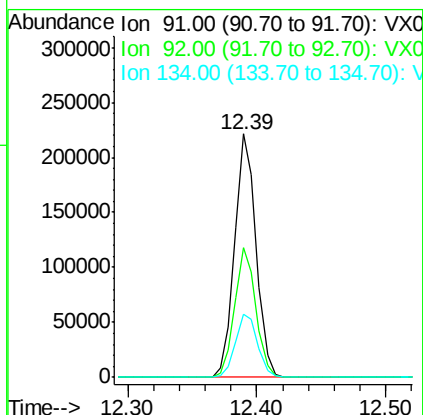
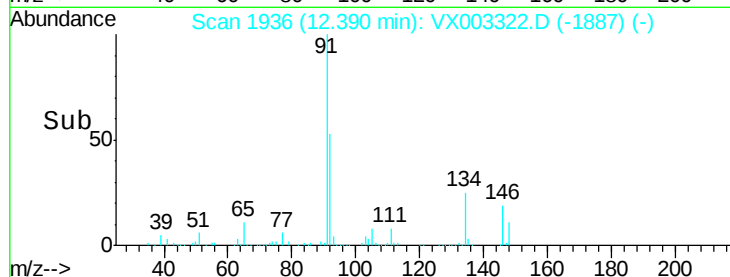
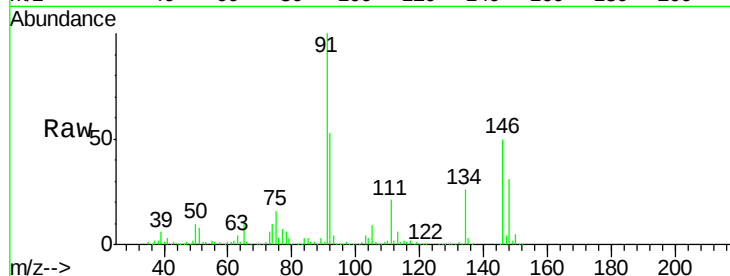
Tot Ion: 91 Resp: 258001

Ion Ratio Lower Upper

91 100

92 52.6 26.0 78.0

134 26.7 13.5 40.5



#90

Hexachloroethane

Concen: 18.14 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX003322.D

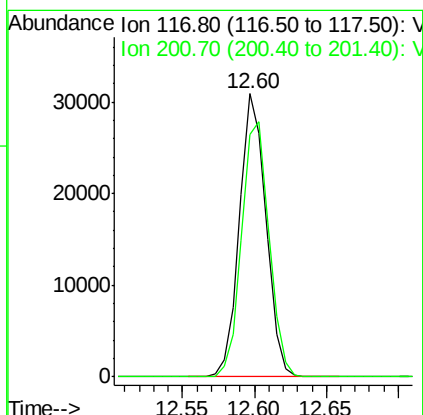
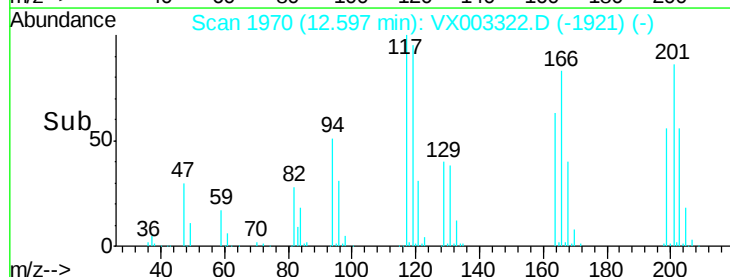
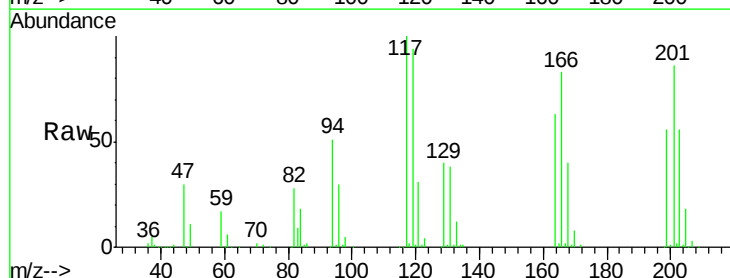
Acq: 11 Jul 2018 16:22

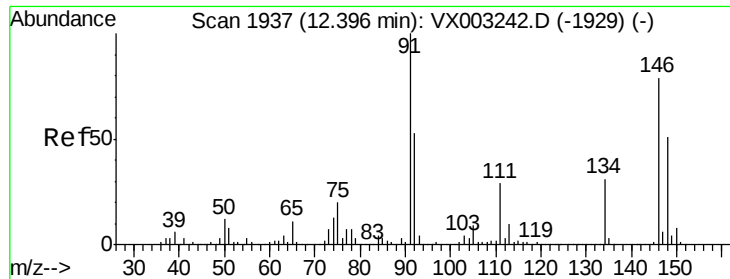
Tgt Ion: 117 Resp: 39503

Ion Ratio Lower Upper

117 100

201 92.8 49.0 147.0

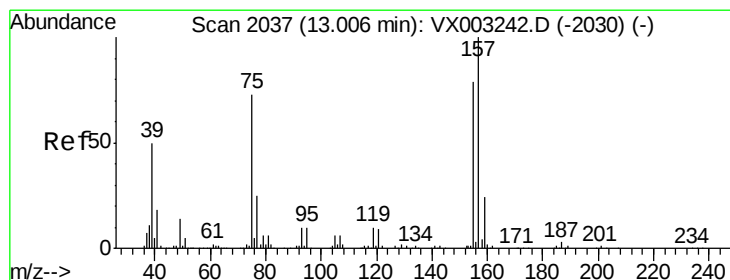
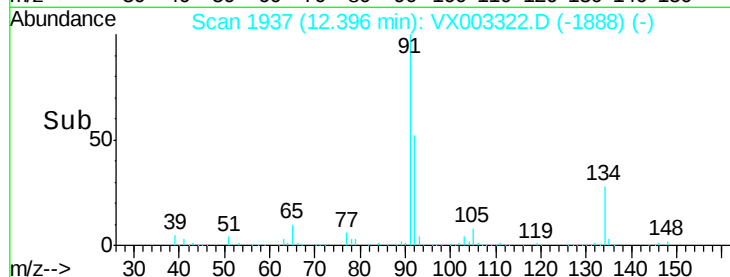
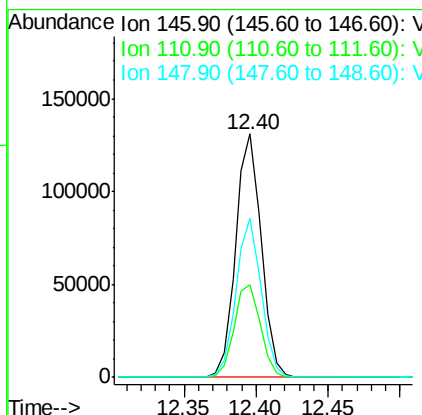
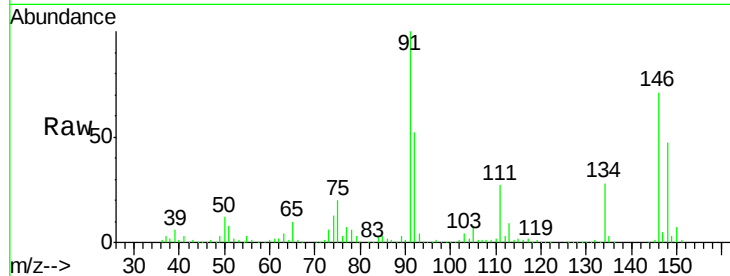




#91
 1,2-Dichlorobenzene
 Concen: 19.17 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX003322.D
 Acq: 11 Jul 2018 16:22

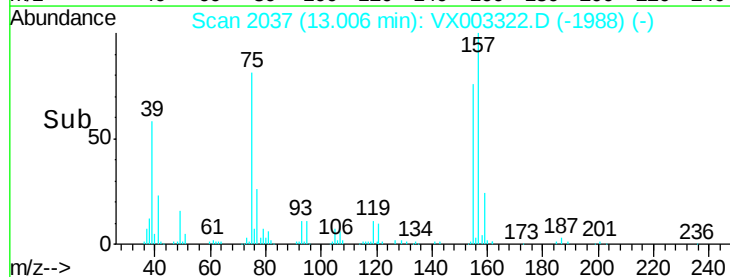
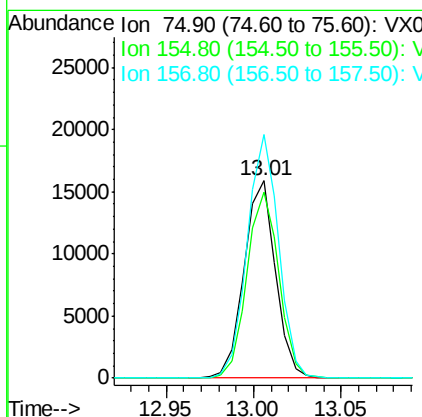
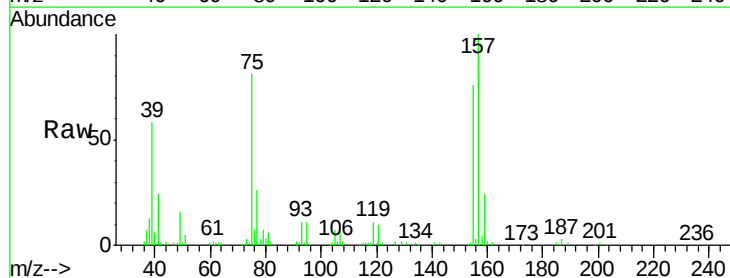
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS01

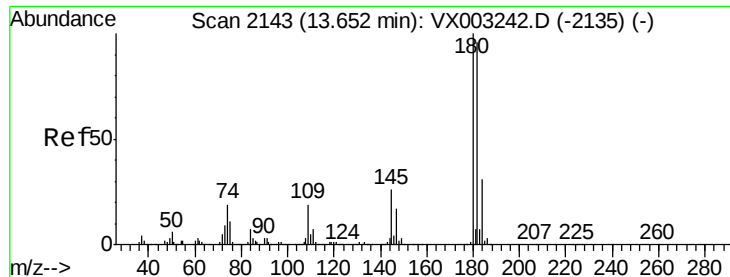
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.4	58.1
148	64.3	31.7	95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.78 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX003322.D
 Acq: 11 Jul 2018 16:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.2	45.8	137.4
157	122.7	60.1	180.3





#93

1,2,4-Trichlorobenzene

Concen: 18.35 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS01

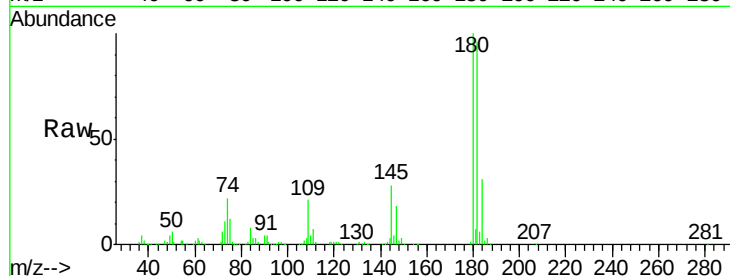
Tot Ion:180 Resp: 113118

Ion Ratio Lower Upper

180 100

182 95.4 47.7 143.1

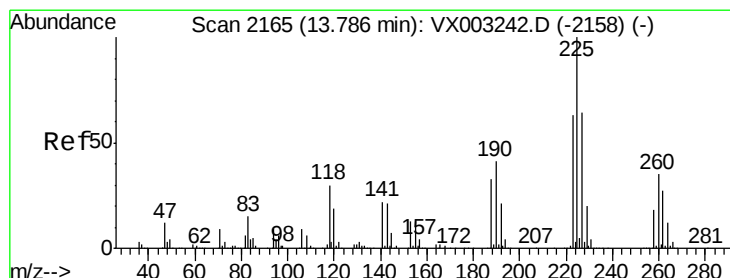
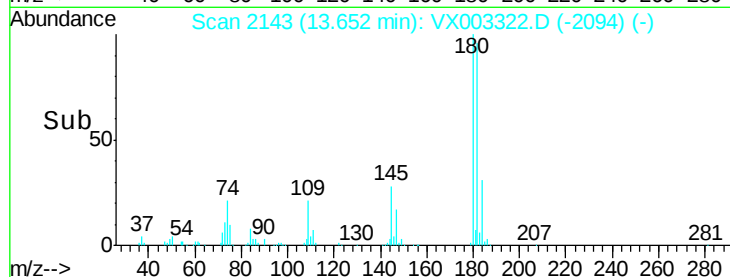
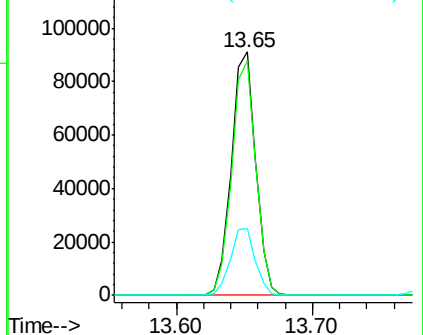
145 28.1 14.1 42.4



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: 17.80 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX003322.D

Acq: 11 Jul 2018 16:22

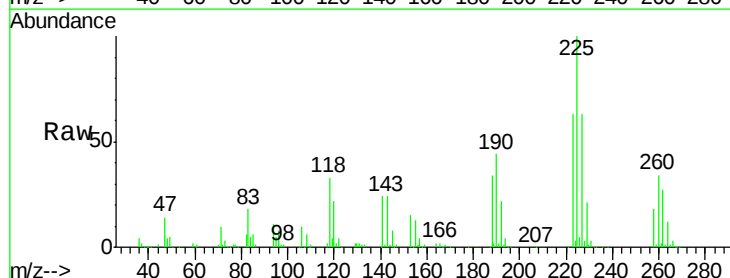
Tgt Ion:225 Resp: 54621

Ion Ratio Lower Upper

225 100

223 61.6 31.6 95.0

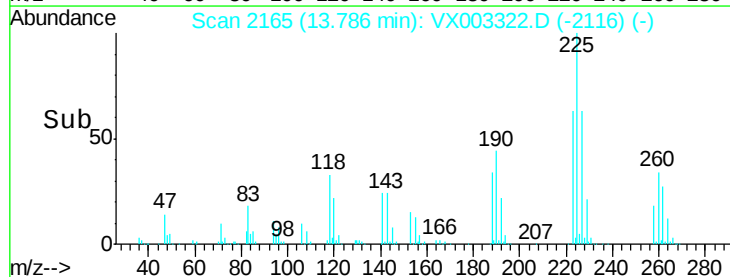
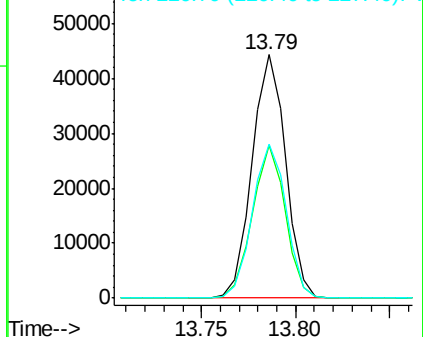
227 63.7 32.4 97.2

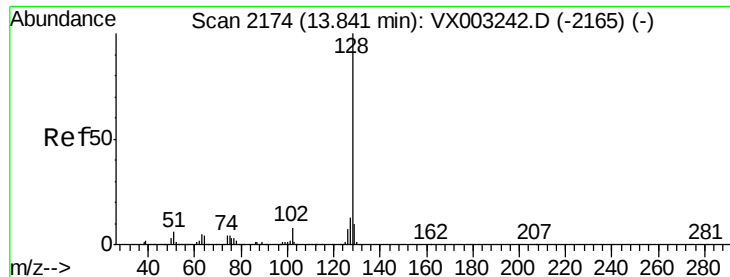


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

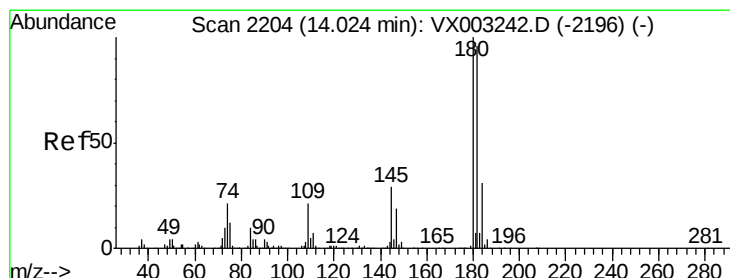
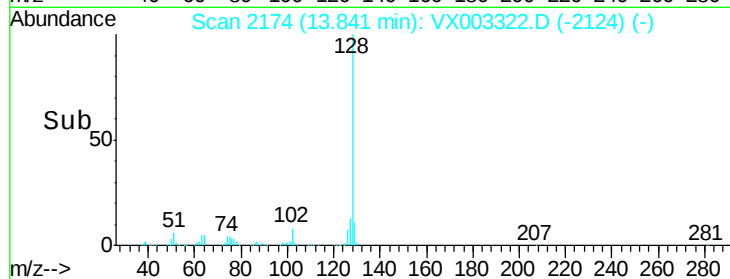
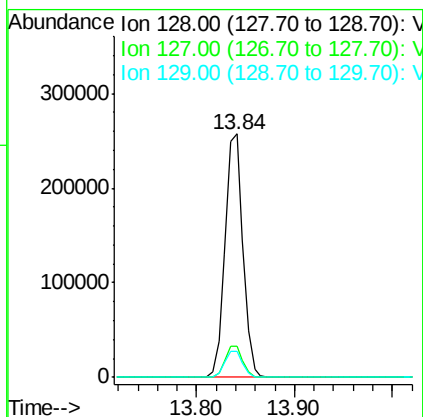
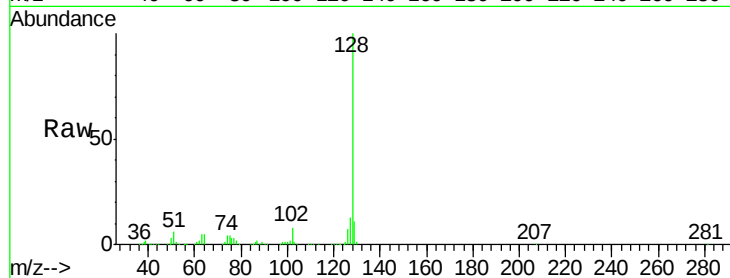




#95
Naphthalene
Concen: 20.20 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.01 min
Lab File: VX003322.D
Acq: 11 Jul 2018 16:22

Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS01

Tot Ion:128 Resp: 325689
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: 18.74 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX003322.D
Acq: 11 Jul 2018 16:22

Tgt Ion:180 Resp: 115176
Ion Ratio Lower Upper
180 100
182 96.5 48.0 144.0
145 30.0 14.8 44.3

