

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\
 Data File : VX003167.D
 Acq On : 05 Jul 2018 12:59
 Operator : JC/MD
 Sample : VX0705WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBS01

Quant Time: Jul 05 13:17:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	237178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	325164	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	300928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187611	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	157315	47.99	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.98%	
35) Dibromofluoromethane	5.51	113	131594	51.10	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.20%	
50) Toluene-d8	8.72	98	462307	49.16	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.32%	
62) 4-Bromofluorobenzene	11.14	95	177854	49.04	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	38185	17.84	ug/l	100
3) Chloromethane	1.32	50	41098	17.93	ug/l	98
4) Vinyl Chloride	1.40	62	44060	16.43	ug/l	96
5) Bromomethane	1.64	94	21607	15.37	ug/l	94
6) Chloroethane	1.72	64	28634	16.79	ug/l	99
7) Trichlorofluoromethane	1.93	101	69315	15.32	ug/l	100
8) Diethyl Ether	2.19	74	26827	16.31	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	40550	15.47	ug/l	97
10) Methyl Iodide	2.51	142	31915	16.74	ug/l	97
11) Tert butyl alcohol	3.07	59	55258	84.61	ug/l	99
12) 1,1-Dichloroethene	2.37	96	36607	15.65	ug/l	94
13) Acrolein	2.29	56	29324	83.85	ug/l	100
14) Allyl chloride	2.73	41	73434	15.93	ug/l	95
15) Acrylonitrile	3.15	53	118498	84.95	ug/l	99
16) Acetone	2.45	43	109421	80.60	ug/l	99
17) Carbon Disulfide	2.57	76	98624	15.82	ug/l	98
18) Methyl Acetate	2.78	43	58658	15.45	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	134158	15.95	ug/l	98
20) Methylene Chloride	2.86	84	46582	17.63	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	40450	15.88	ug/l	91
22) Diisopropyl ether	3.87	45	145477	16.51	ug/l	98
23) Vinyl Acetate	3.82	43	622232	83.37	ug/l	99
24) 1,1-Dichloroethane	3.70	63	75327	15.72	ug/l	99
25) 2-Butanone	4.71	43	176836	87.77	ug/l	96
26) 2,2-Dichloropropane	4.58	77	60038	15.41	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	48046	16.82	ug/l	99
28) Bromochloromethane	5.03	49	38902	16.97	ug/l	89
29) Tetrahydrofuran	5.17	42	112422	87.01	ug/l	96
30) Chloroform	5.21	83	80376	16.35	ug/l	96
31) Cyclohexane	5.57	56	63326	15.40	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	67796	15.67	ug/l	99
36) 1,1-Dichloropropene	5.80	75	56104	15.73	ug/l	98
37) Ethyl Acetate	4.87	43	66344	17.28	ug/l	97
38) Carbon Tetrachloride	5.78	117	60291	15.41	ug/l	97

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBS01

Quant Time: Jul 05 13:17:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	62113	14.95	ug/l	97
40) Benzene	6.15	78	172786	16.68	ug/l	99
41) Methacrylonitrile	5.07	41	37746	17.07	ug/l	97
42) 1,2-Dichloroethane	6.20	62	66943	16.00	ug/l	97
43) Isopropyl Acetate	6.47	43	104613	16.25	ug/l	98
44) Trichloroethene	7.21	130	50752	16.43	ug/l	99
45) 1,2-Dichloropropane	7.52	63	43625	15.87	ug/l	97
46) Dibromomethane	7.67	93	31256	16.39	ug/l	94
47) Bromodichloromethane	7.90	83	56858	16.13	ug/l	99
48) Methyl methacrylate	7.78	41	52914	15.95	ug/l	96
49) 1,4-Dioxane	7.76	88	23609	365.75	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	336952	83.64	ug/l	97
52) Toluene	8.79	92	108459	16.34	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	65533	16.41	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	60564	15.76	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	45616	16.73	ug/l	97
56) Ethyl methacrylate	9.18	69	65974	16.55	ug/l	92
57) 1,3-Dichloropropane	9.37	76	74801	16.70	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	196934	102.41	ug/l	97
59) 2-Hexanone	9.50	43	258059	84.28	ug/l	98
60) Dibromochloromethane	9.59	129	47370	16.50	ug/l	97
61) 1,2-Dibromoethane	9.68	107	48713	17.03	ug/l	99
64) Tetrachloroethene	9.34	164	57315	17.13	ug/l	98
65) Chlorobenzene	10.14	112	125066	16.36	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	45031	16.22	ug/l	98
67) Ethyl Benzene	10.26	91	202544	16.04	ug/l	100
68) m/p-Xylenes	10.36	106	156301	32.12	ug/l	98
69) o-Xylene	10.70	106	76738	16.20	ug/l	96
70) Styrene	10.71	104	127574	16.57	ug/l	98
71) Bromoform	10.86	173	36241	17.22	ug/l #	99
73) Isopropylbenzene	11.02	105	205913	16.31	ug/l	100
74) N-amyl acetate	6.47	43	104613	16.94	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	67917	17.47	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	74378	21.89	ug/l	80
77) Bromobenzene	11.26	156	59582	16.58	ug/l	96
78) n-propylbenzene	11.37	91	230584	16.05	ug/l	97
79) 2-Chlorotoluene	11.42	91	141199	16.23	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	171711	16.15	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	16125	16.20	ug/l	94
82) 4-Chlorotoluene	11.51	91	163421	15.87	ug/l	98
83) tert-Butylbenzene	11.77	119	166949	15.94	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	177504	16.12	ug/l	97
85) sec-Butylbenzene	11.95	105	201793	15.88	ug/l	100
86) p-Isopropyltoluene	12.07	119	181101	15.85	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	106243	16.18	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	108816	16.11	ug/l	99
89) n-Butylbenzene	12.39	91	148957	14.98	ug/l	99
90) Hexachloroethane	12.60	117	25099	14.77	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	108826	16.43	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	13397	15.33	ug/l	90

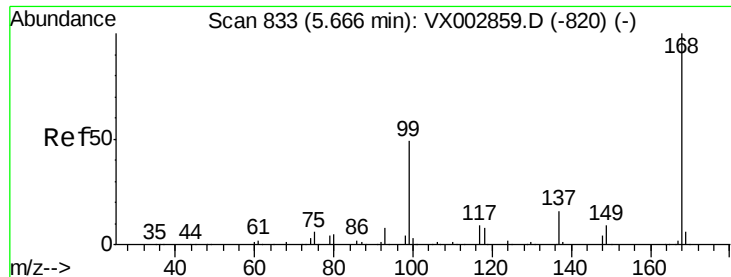
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070518\
Data File : VX003167.D
Acq On : 05 Jul 2018 12:59
Operator : JC/MD
Sample : VX0705WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Jul 05 13:17:06 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	75978	15.76	ug/l	99
94) Hexachlorobutadiene	13.79	225	37106	15.43	ug/l	99
95) Naphthalene	13.84	128	211700	16.48	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	83724	17.38	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: VX003167.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_X

ClientSampleId :

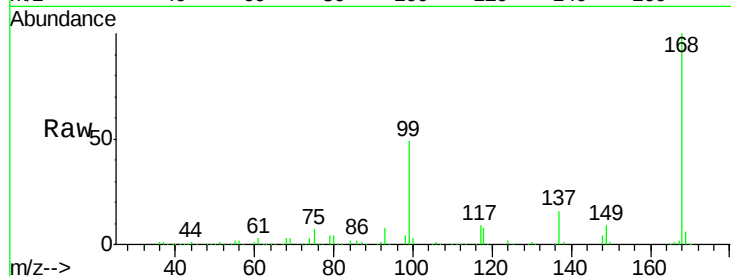
VX0705WBS01

Tot Ion:168 Resp: 237178

Ion Ratio Lower Upper

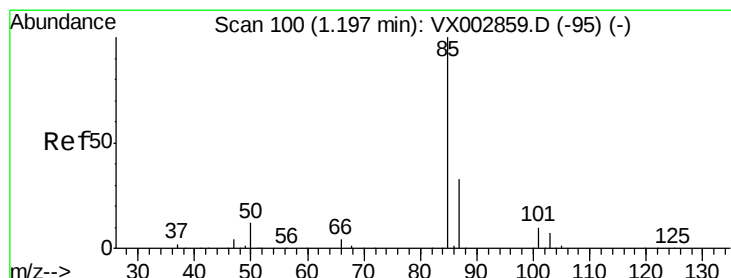
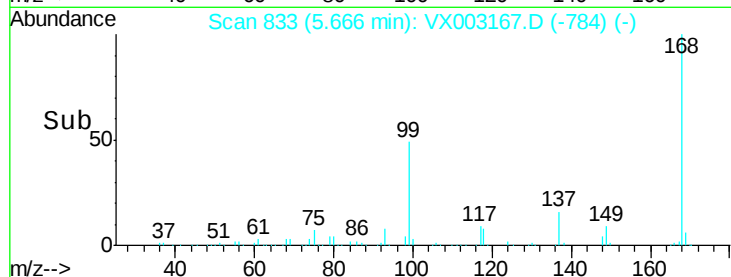
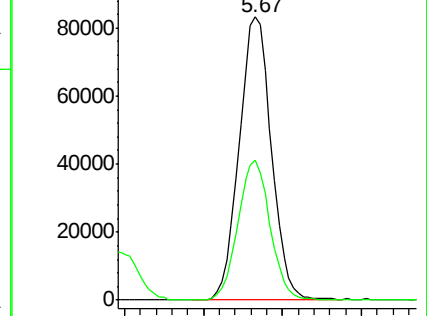
168 100

99 49.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.84 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003167.D

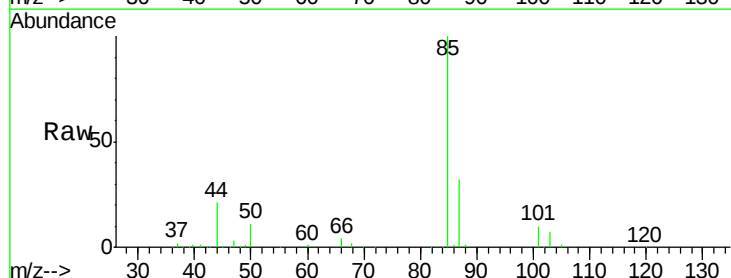
Acq: 05 Jul 2018 12:59

Tgt Ion: 85 Resp: 38185

Ion Ratio Lower Upper

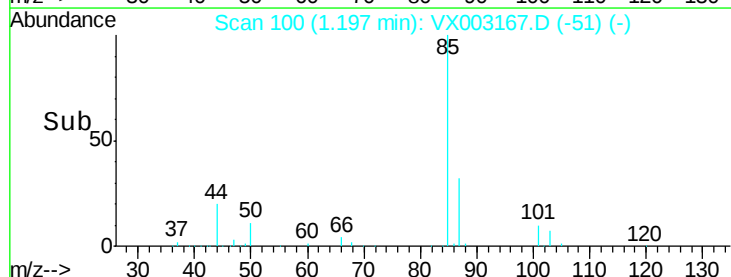
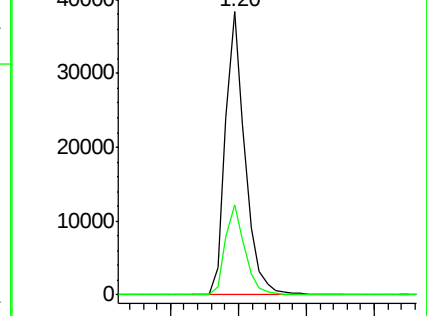
85 100

87 31.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.93 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003167.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_X

ClientSampleId :

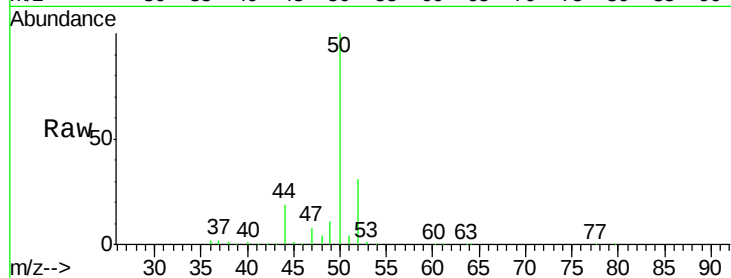
VX0705WBS01

Tot Ion: 50 Resp: 41098

Ion Ratio Lower Upper

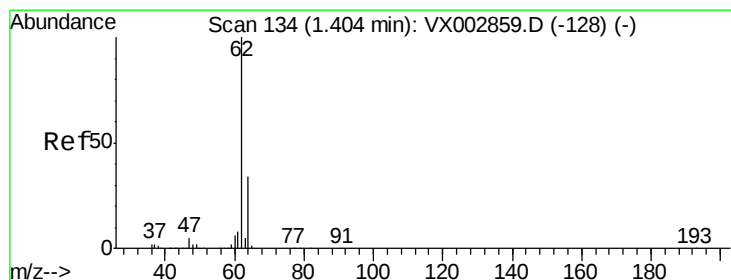
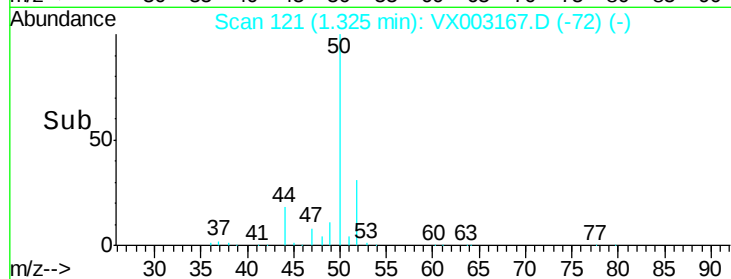
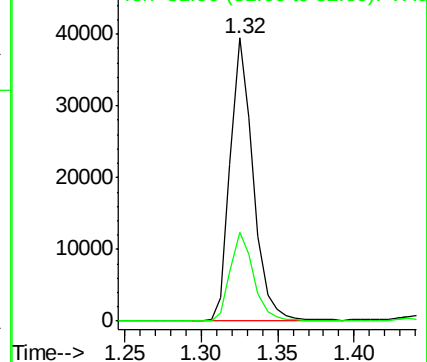
50 100

52 31.2 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.43 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003167.D

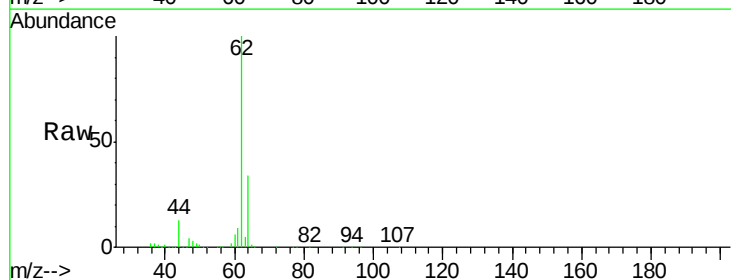
Acq: 05 Jul 2018 12:59

Tgt Ion: 62 Resp: 44060

Ion Ratio Lower Upper

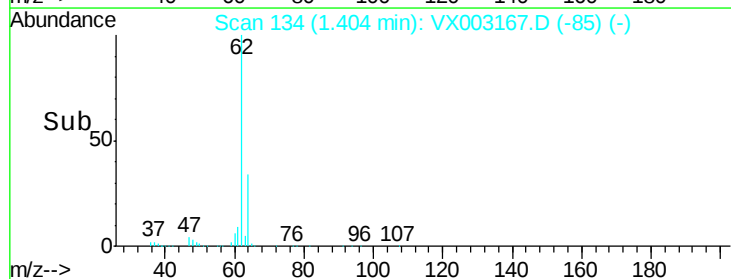
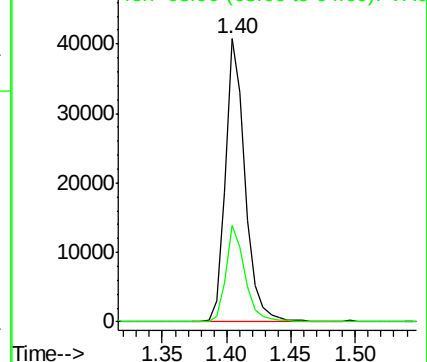
62 100

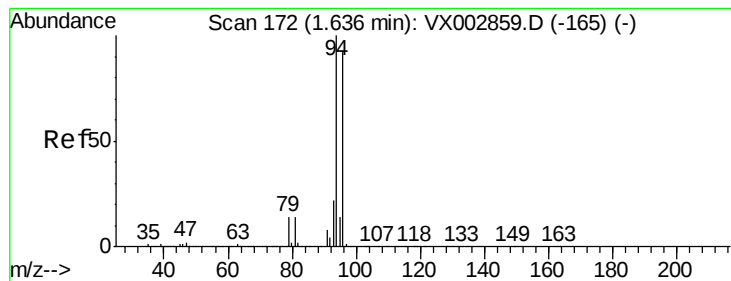
64 34.2 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 15.37 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003167.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_X

ClientSampleId :

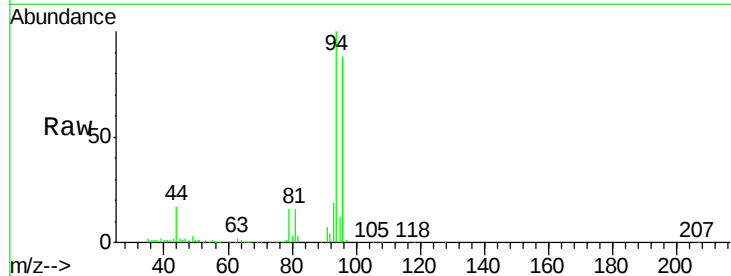
VX0705WBS01

Tot Ion: 94 Resp: 21607

Ion Ratio Lower Upper

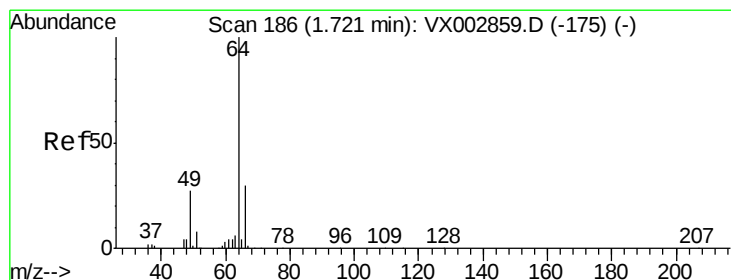
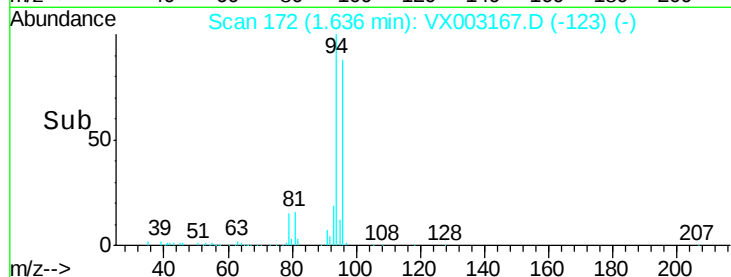
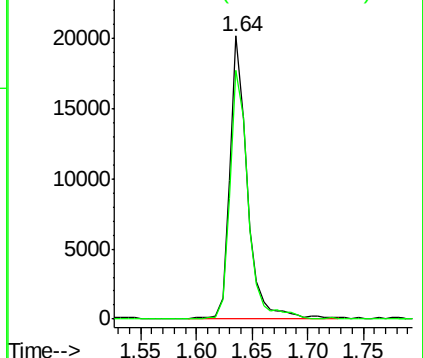
94 100

96 88.1 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 16.79 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX003167.D

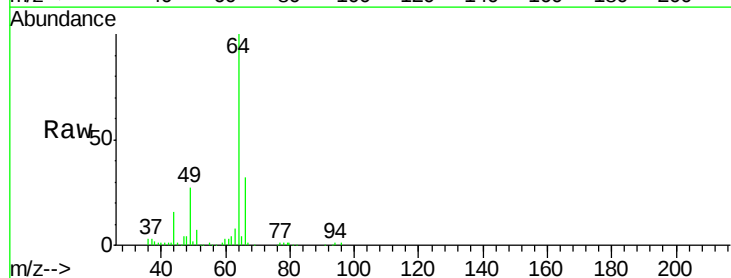
Acq: 05 Jul 2018 12:59

Tgt Ion: 64 Resp: 28634

Ion Ratio Lower Upper

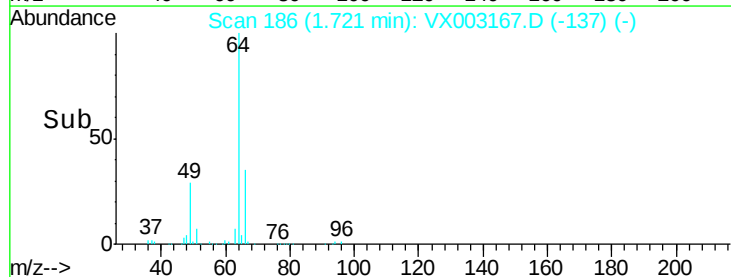
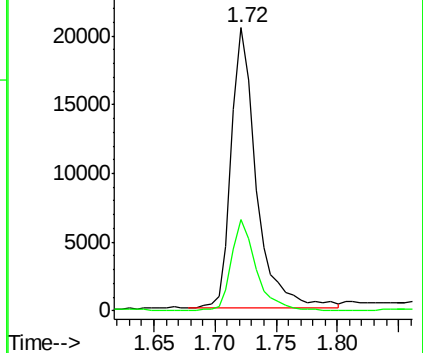
64 100

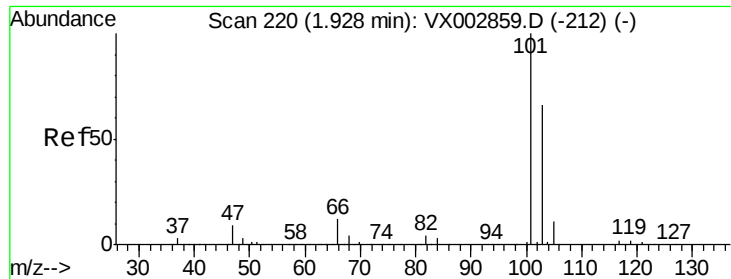
66 32.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



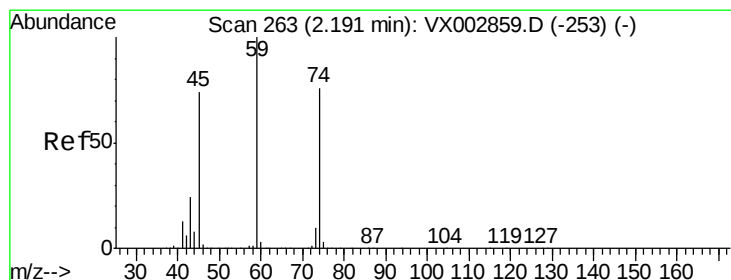
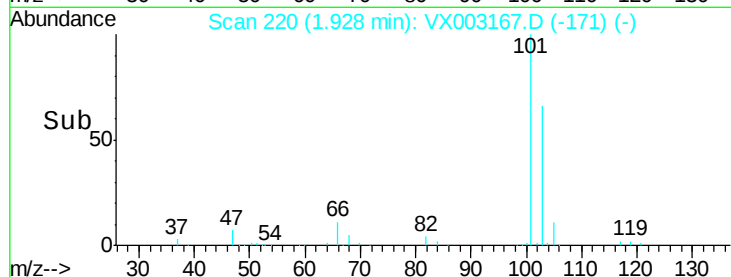
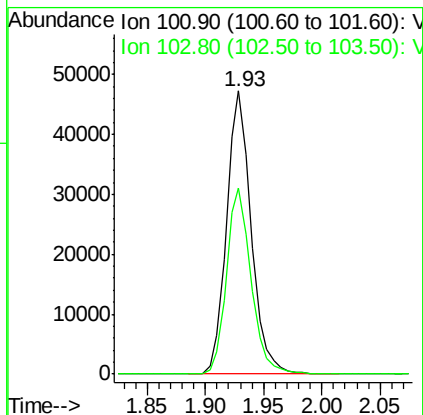
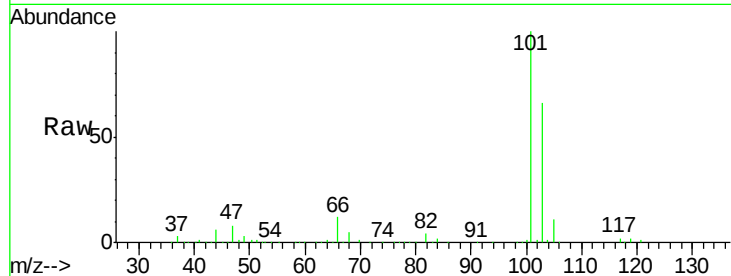


#7

Trichlorofluoromethane
 Concen: 15.32 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX003167.D
 Acq: 05 Jul 2018 12:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBS01

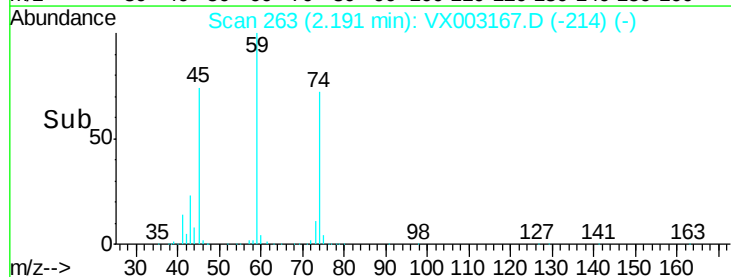
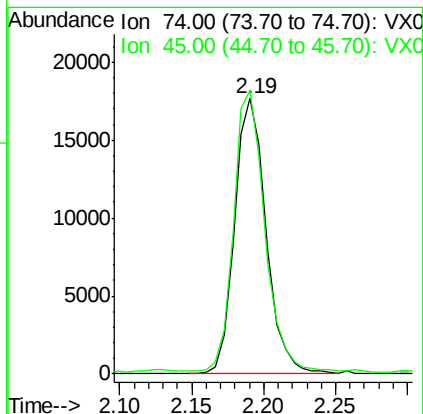
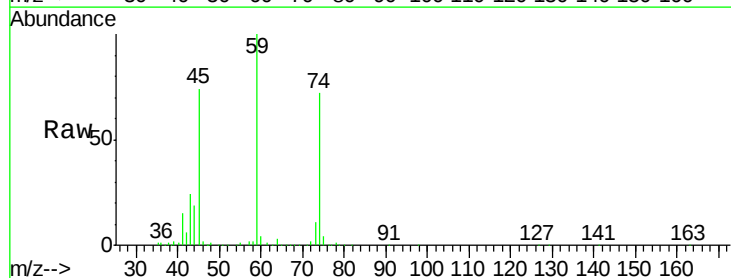
Tot Ion:101 Resp: 69315
 Ion Ratio Lower Upper
 101 100
 103 65.7 52.8 79.2



#8

Diethyl Ether
 Concen: 16.31 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003167.D
 Acq: 05 Jul 2018 12:59

Tgt Ion: 74 Resp: 26827
 Ion Ratio Lower Upper
 74 100
 45 100.7 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.47 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX003167.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBS01

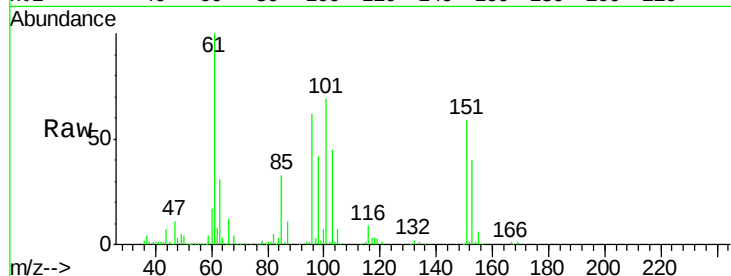
Tot Ion:101 Resp: 40550

Ion Ratio Lower Upper

101 100

85 44.1 36.0 54.0

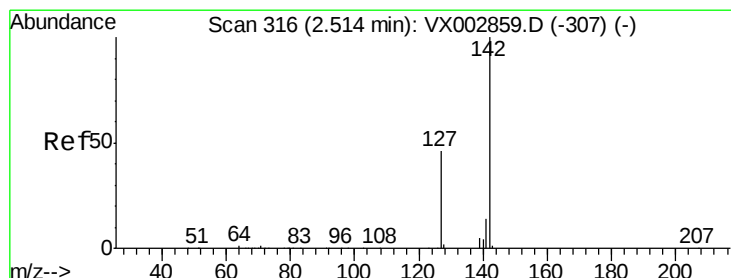
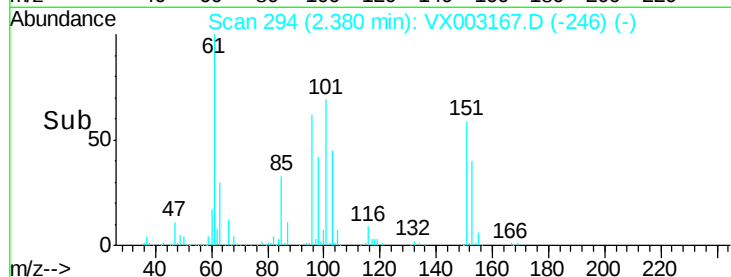
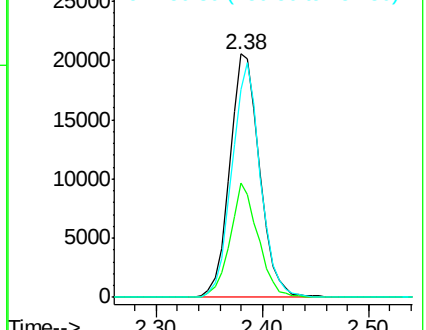
151 91.8 70.9 106.3



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: 16.74 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX003167.D

Acq: 05 Jul 2018 12:59

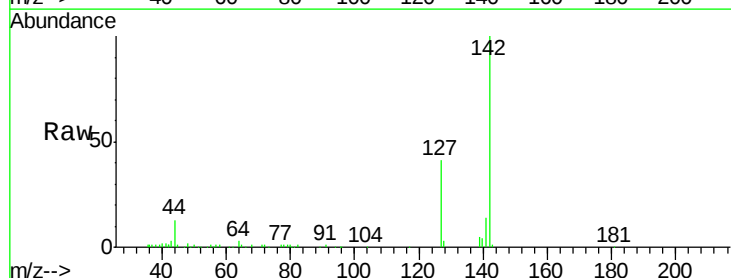
Tgt Ion:142 Resp: 31915

Ion Ratio Lower Upper

142 100

127 43.7 36.6 55.0

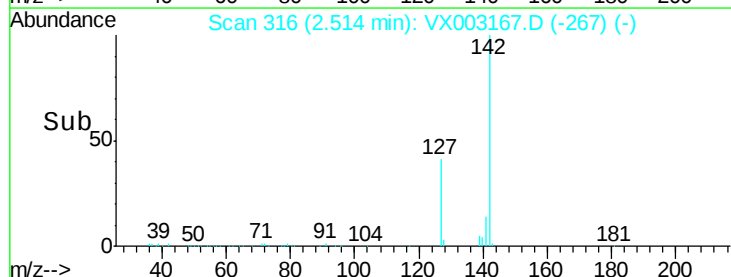
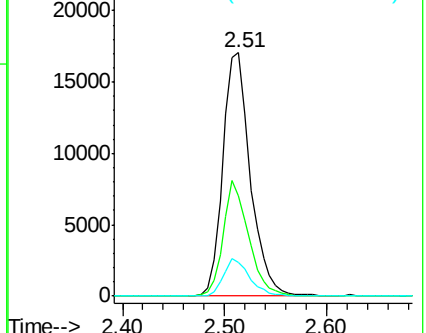
141 14.6 11.3 16.9

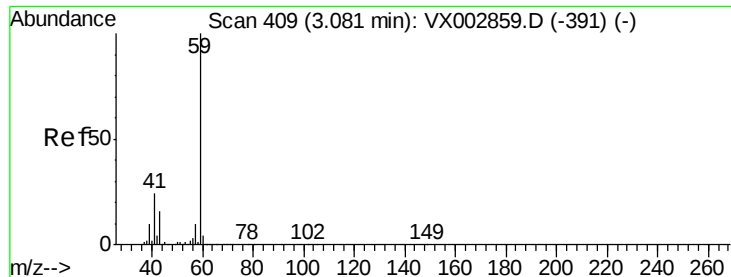


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



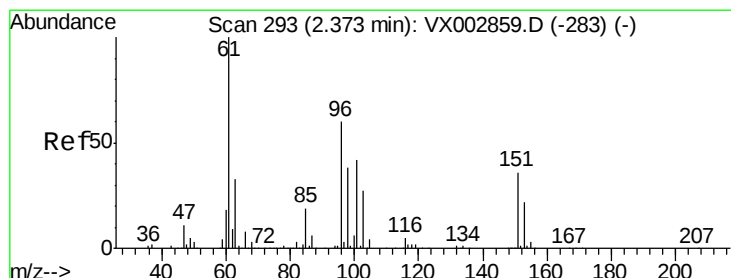
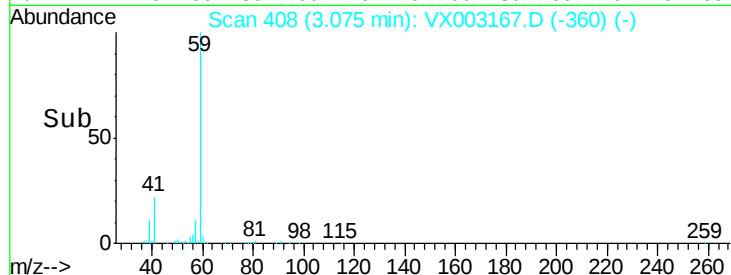
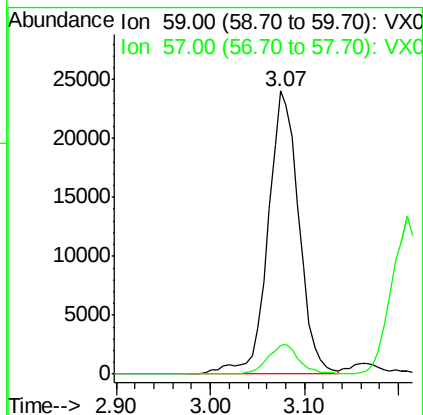
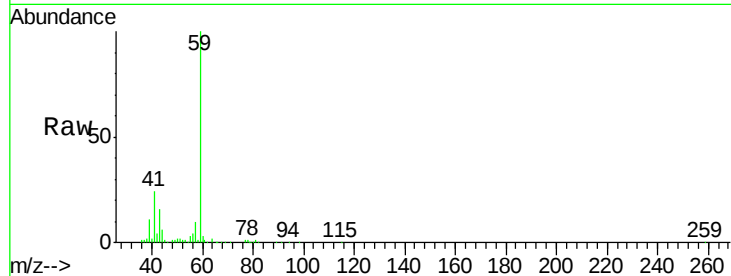


#11

Tert butyl alcohol
 Concen: 84.61 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX003167.D
 Acq: 05 Jul 2018 12:59

Instrument :
 MSVOA_X
 ClientSampled :
 VX0705WBS01

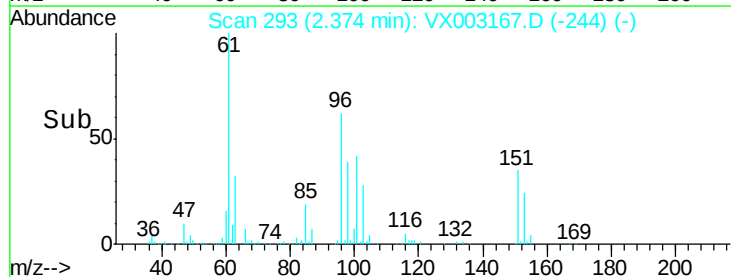
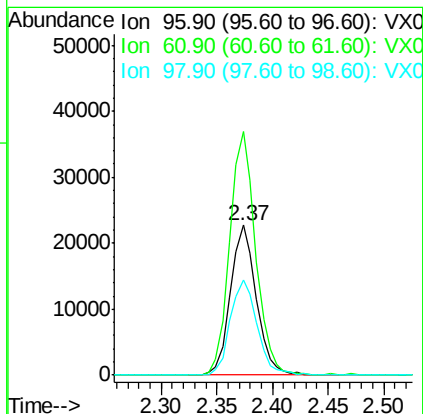
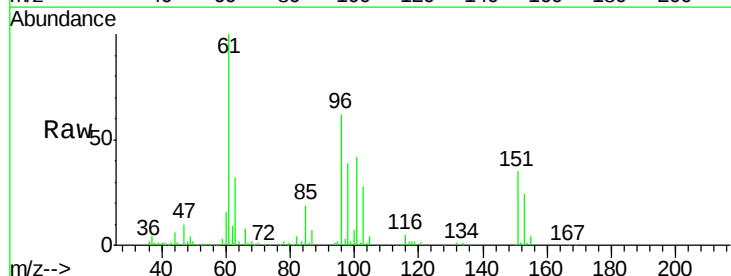
Tot Ion: 59 Resp: 55258
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.2 12.2



#12

1,1-Dichloroethene
 Concen: 15.65 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX003167.D
 Acq: 05 Jul 2018 12:59

Tgt Ion: 96 Resp: 36607
 Ion Ratio Lower Upper
 96 100
 61 162.6 137.9 206.9
 98 63.2 51.6 77.4





#13

Acrolein

Concen: 83.85 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003167.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_X

ClientSampleId :

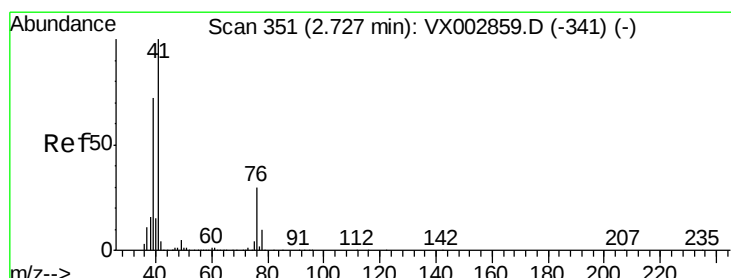
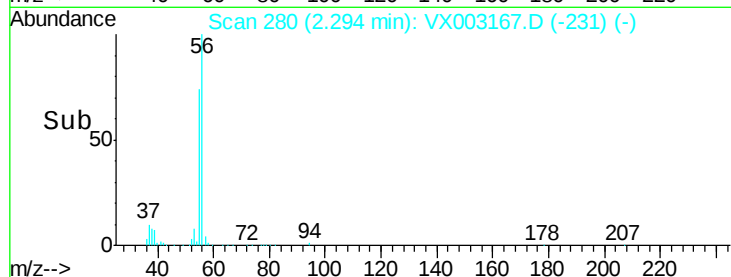
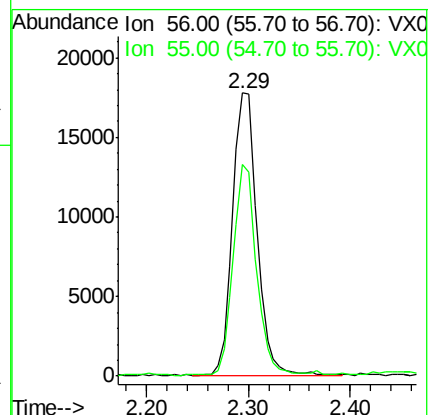
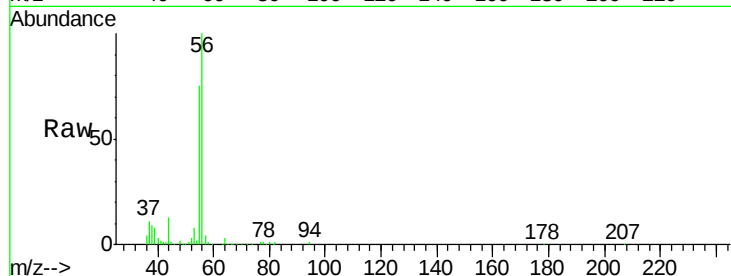
VX0705WBS01

Tot Ion: 56 Resp: 29324

Ion Ratio Lower Upper

56 100

55 71.0 57.0 85.4



#14

Allyl chloride

Concen: 15.93 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003167.D

Acq: 05 Jul 2018 12:59

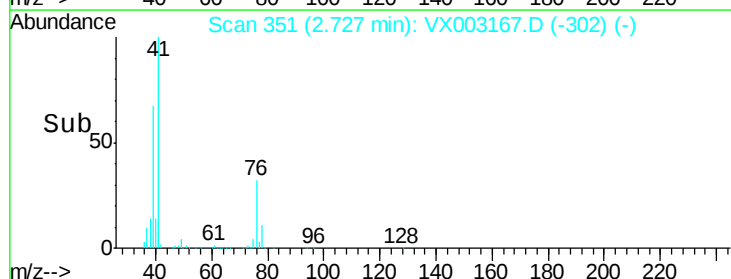
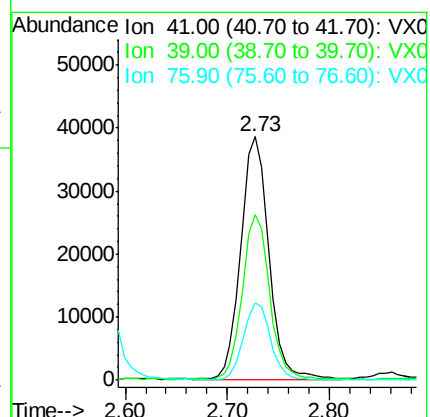
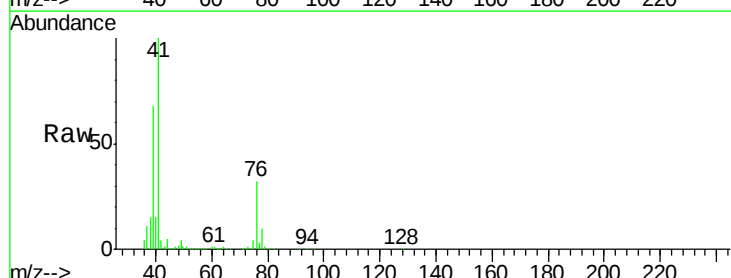
Tgt Ion: 41 Resp: 73434

Ion Ratio Lower Upper

41 100

39 65.1 56.8 85.2

76 30.4 23.8 35.8





#15

Acrylonitrile

Concen: 84.95 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003167.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBS01

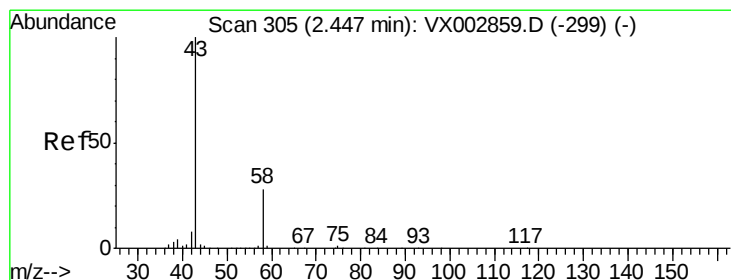
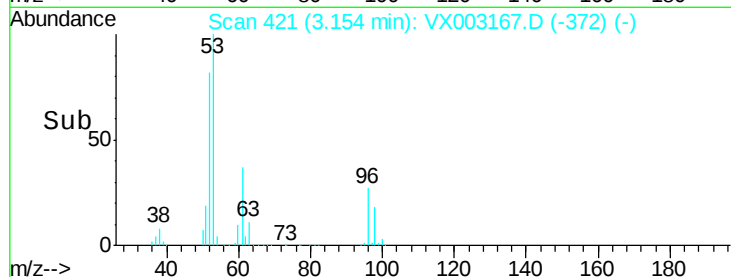
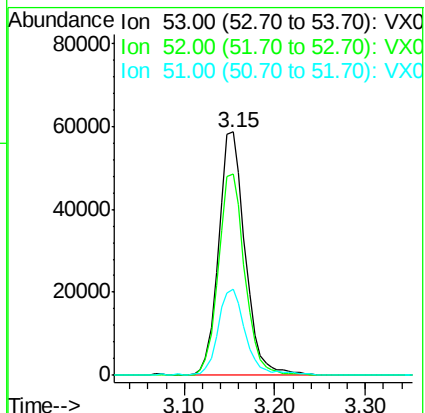
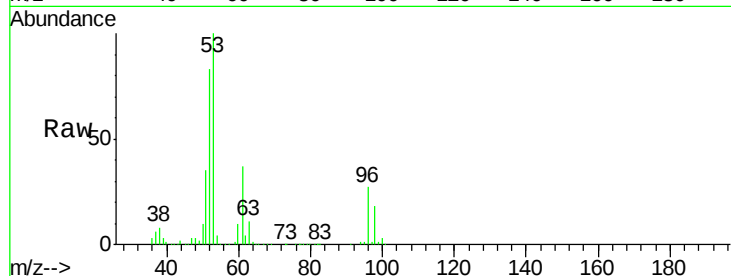
Tot Ion: 53 Resp: 118498

Ion Ratio Lower Upper

53 100

52 82.8 66.7 100.1

51 36.3 29.9 44.9



#16

Acetone

Concen: 80.60 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003167.D

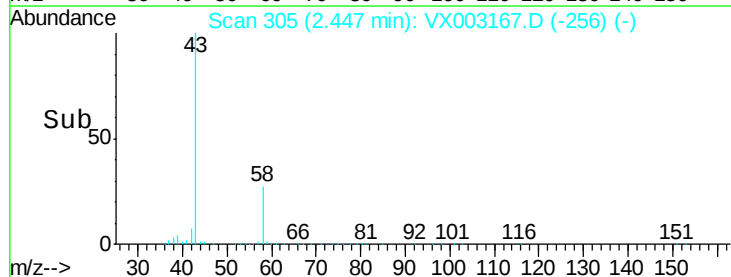
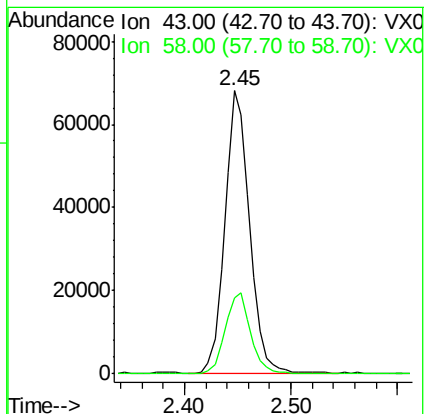
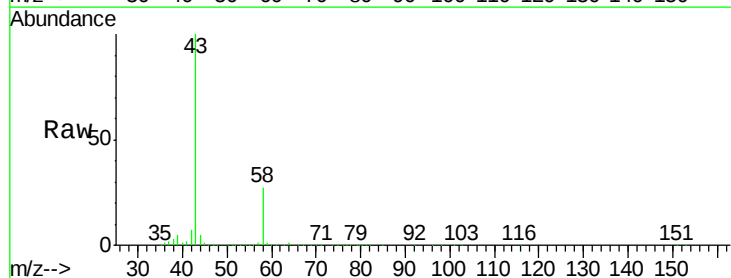
Acq: 05 Jul 2018 12:59

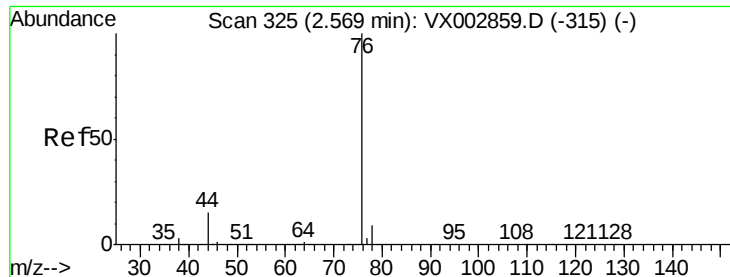
Tgt Ion: 43 Resp: 109421

Ion Ratio Lower Upper

43 100

58 26.8 22.1 33.1

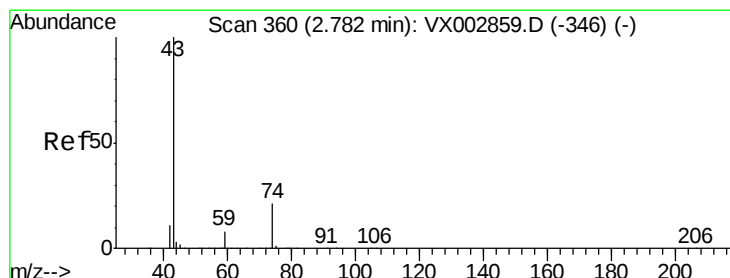
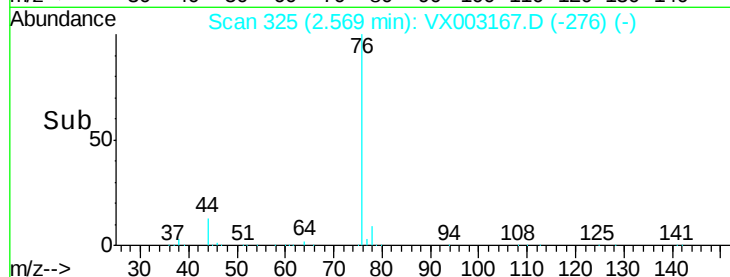
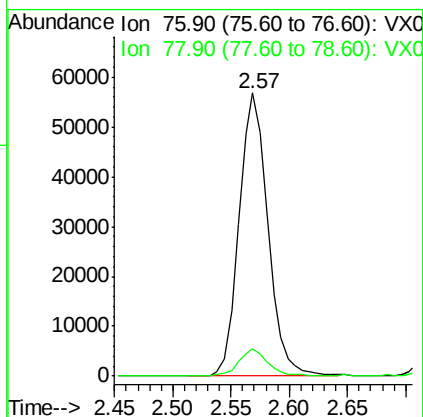
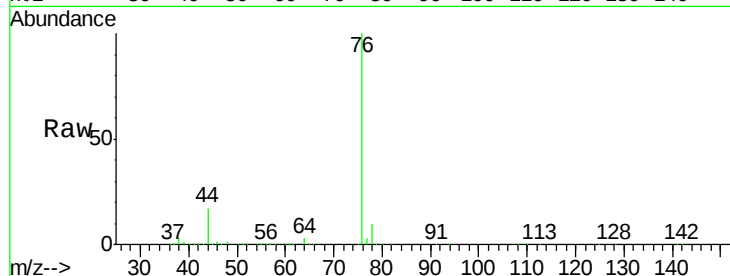




#17
Carbon Disulfide
Concen: 15.82 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003167.D
Acq: 05 Jul 2018 12:59

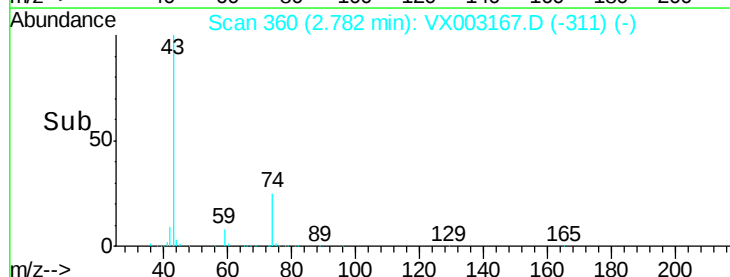
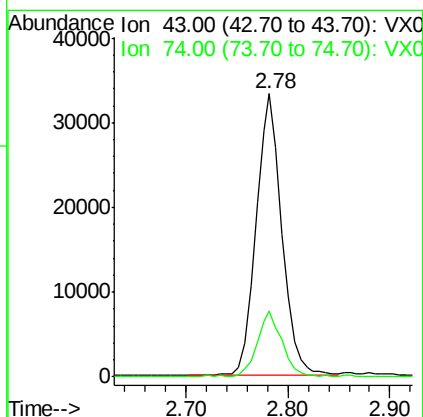
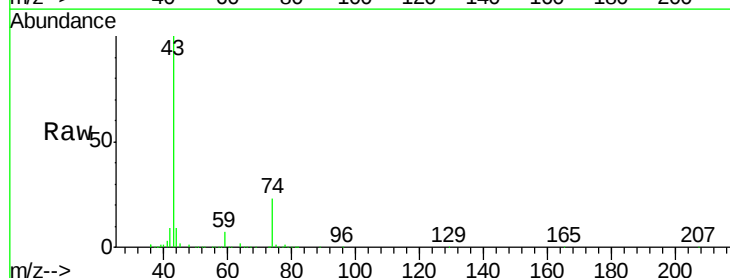
Instrument :
MSVOA_X
ClientSampleId :
VX0705WBS01

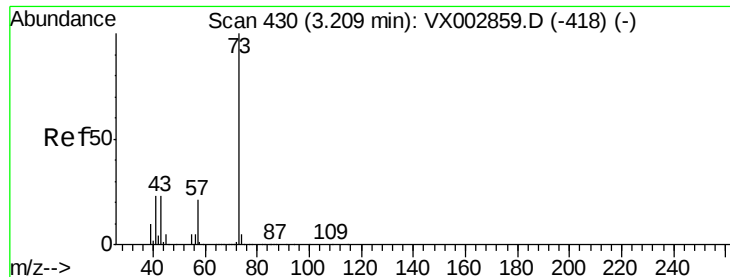
Tot Ion: 76 Resp: 98624
Ion Ratio Lower Upper
76 100
78 9.5 6.9 10.3



#18
Methyl Acetate
Concen: 15.45 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003167.D
Acq: 05 Jul 2018 12:59

Tgt Ion: 43 Resp: 58658
Ion Ratio Lower Upper
43 100
74 21.6 16.7 25.1

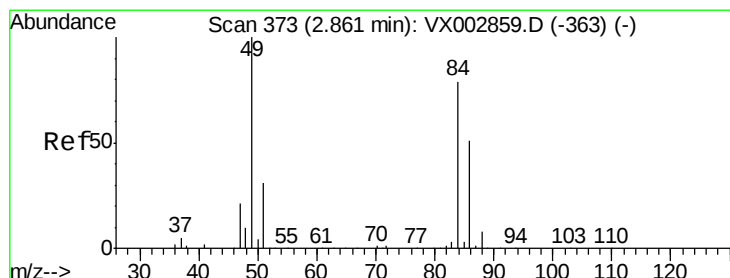
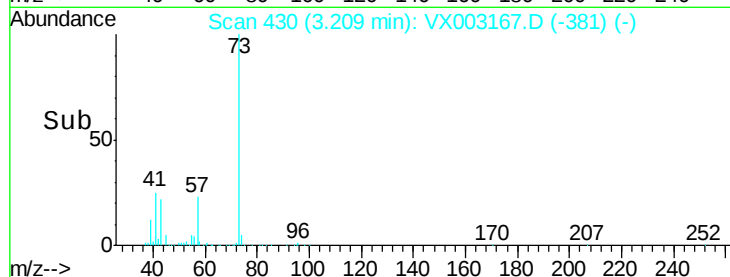
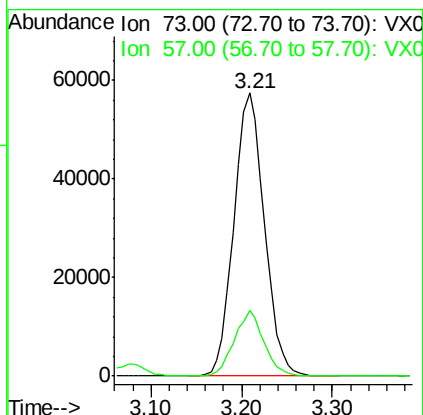
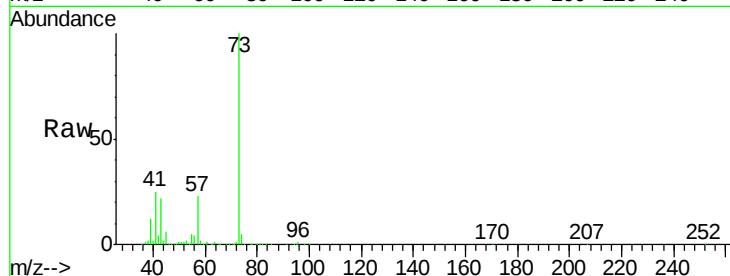




#19
Methvl tert-butvl Ether
Concen: 15.95 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003167.D
Acq: 05 Jul 2018 12:59

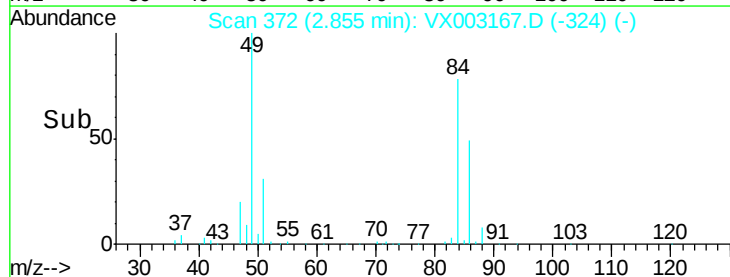
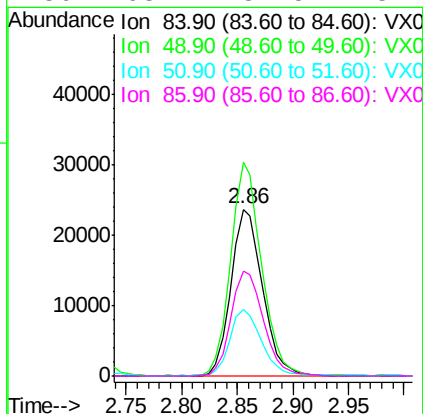
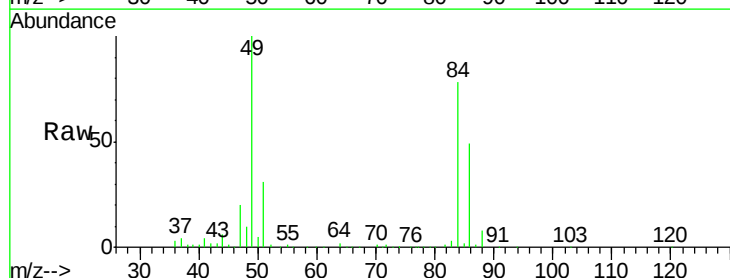
Instrument :
MSVOA_X
ClientSampleId :
VX0705WBS01

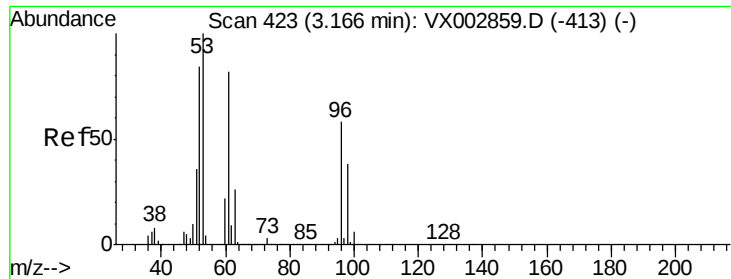
Tot Ion: 73 Resp: 134158
Ion Ratio Lower Upper
73 100
57 23.2 17.7 26.5



#20
Methylene Chloride
Concen: 17.63 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX003167.D
Acq: 05 Jul 2018 12:59

Tgt Ion: 84 Resp: 46582
Ion Ratio Lower Upper
84 100
49 127.9 107.8 161.6
51 39.8 32.8 49.2
86 63.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 15.88 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003167.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBS01

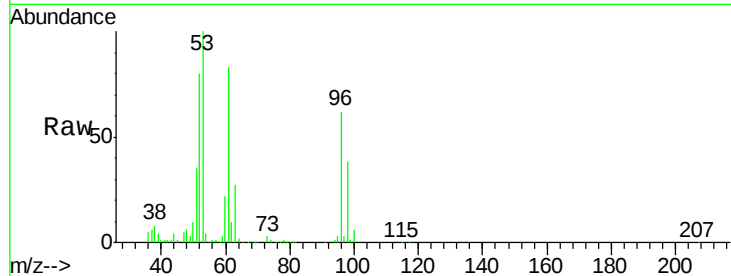
Tot Ion: 96 Resp: 40450

Ion Ratio Lower Upper

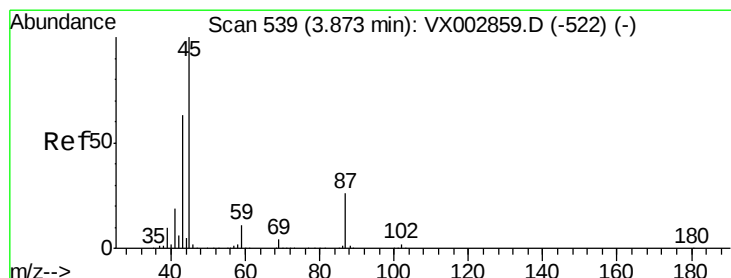
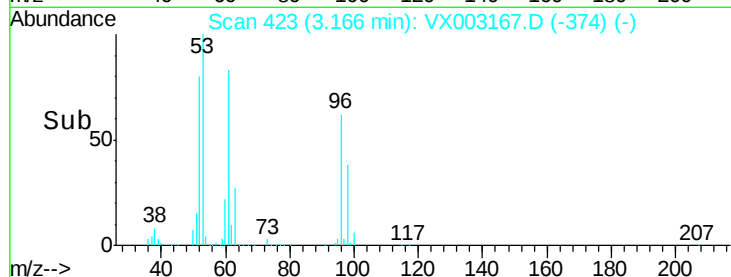
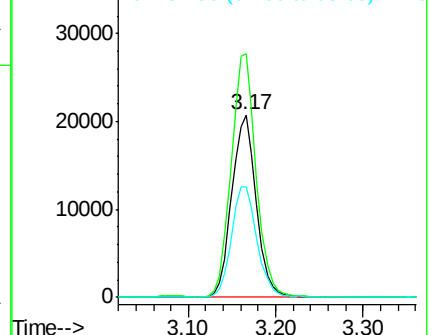
96 100

61 133.3 117.0 175.4

98 60.7 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: 16.51 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX003167.D

Acq: 05 Jul 2018 12:59

Tgt Ion: 45 Resp: 145477

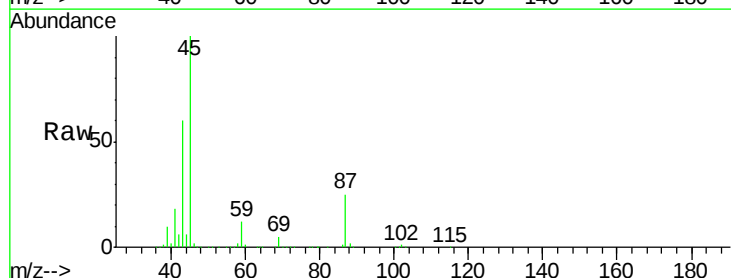
Ion Ratio Lower Upper

45 100

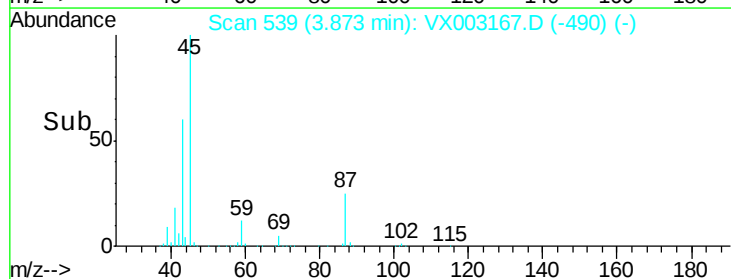
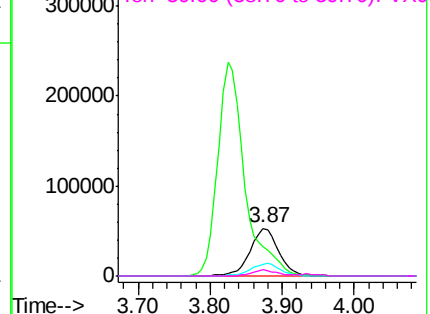
43 59.7 46.8 70.2

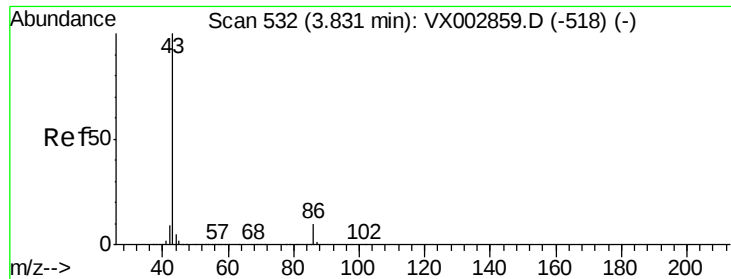
87 24.7 20.2 30.4

59 12.4 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: 83.37 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX003167.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_X

ClientSampled :

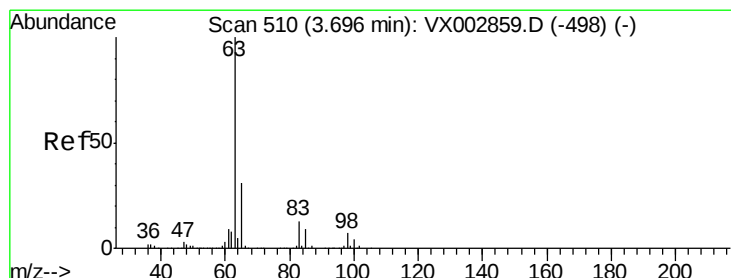
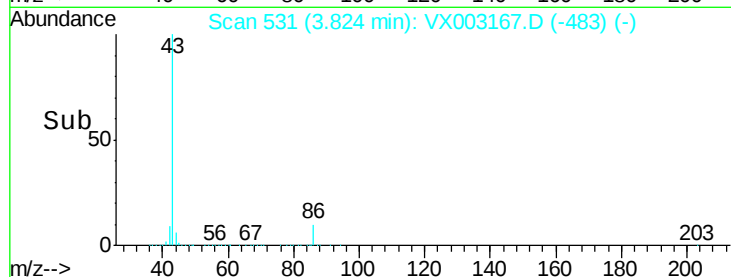
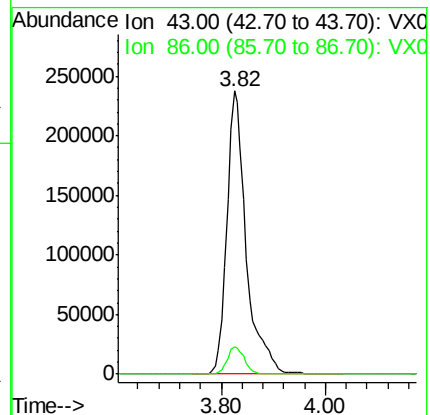
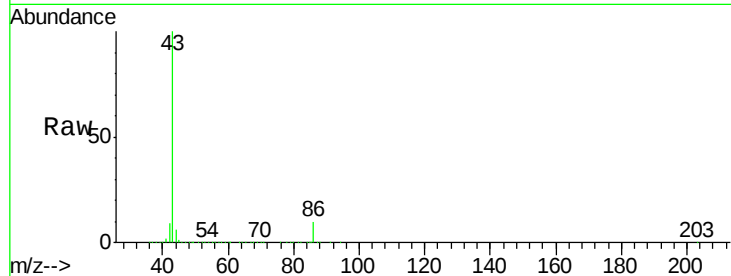
VX0705WBS01

Tot Ion: 43 Resp: 622232

Ion Ratio Lower Upper

43 100

86 9.6 7.4 11.0



#24

1,1-Dichloroethane

Concen: 15.72 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003167.D

Acq: 05 Jul 2018 12:59

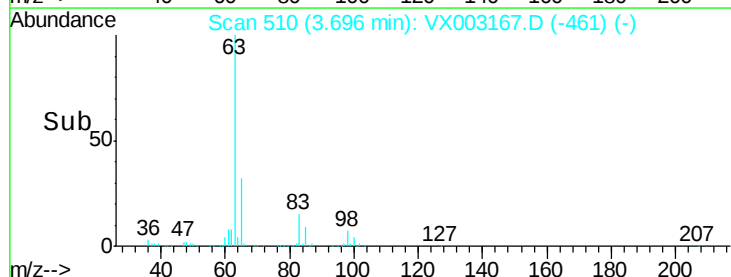
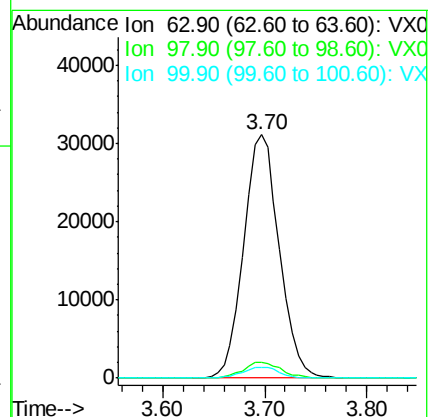
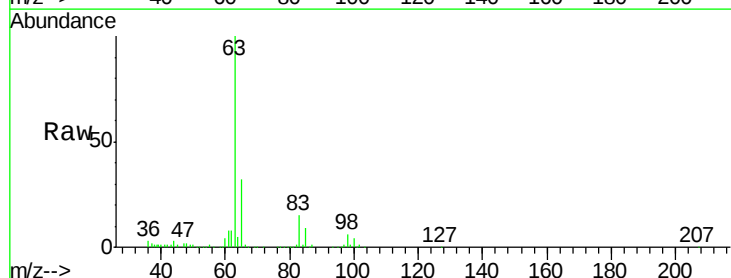
Tgt Ion: 63 Resp: 75327

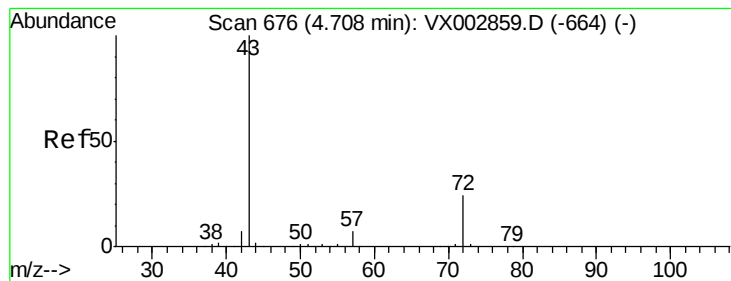
Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

100 4.3 2.0 6.0





#25

2-Butanone

Concen: 87.77 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX003167.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_X

ClientSampleId :

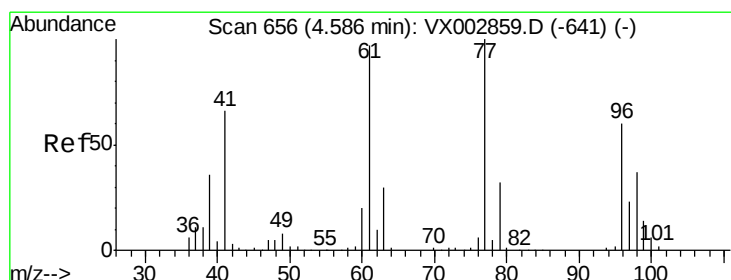
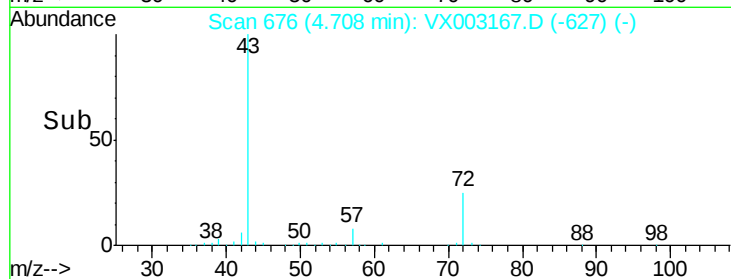
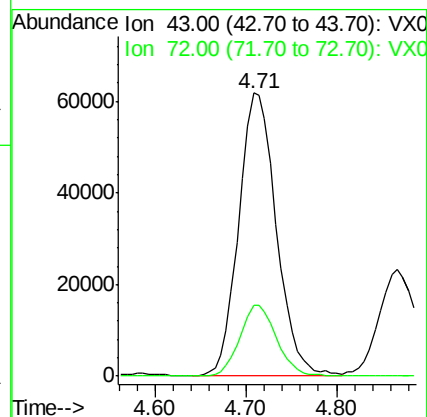
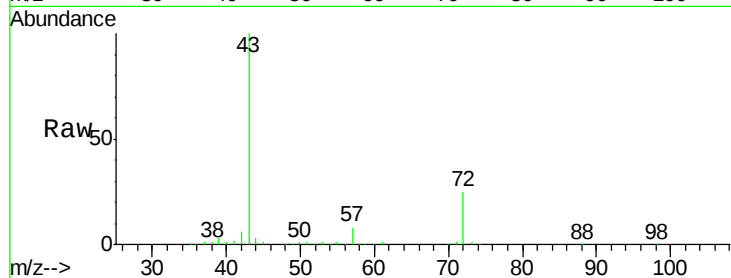
VX0705WBS01

Tot Ion: 43 Resp: 176836

Ion Ratio Lower Upper

43 100

72 25.2 18.5 27.7



#26

2,2-Dichloropropane

Concen: 15.41 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX003167.D

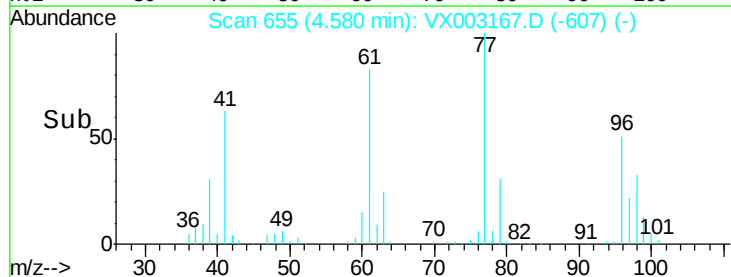
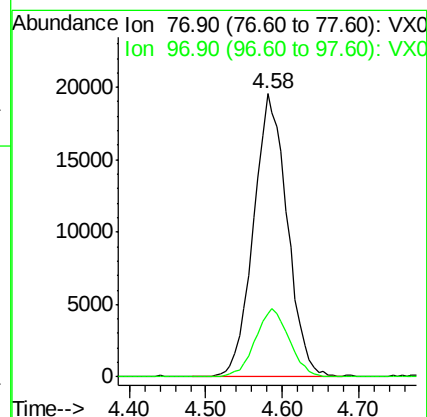
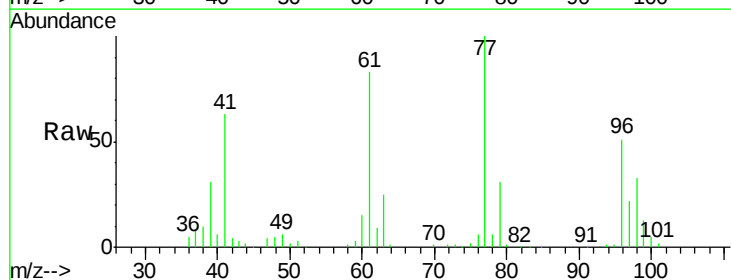
Acq: 05 Jul 2018 12:59

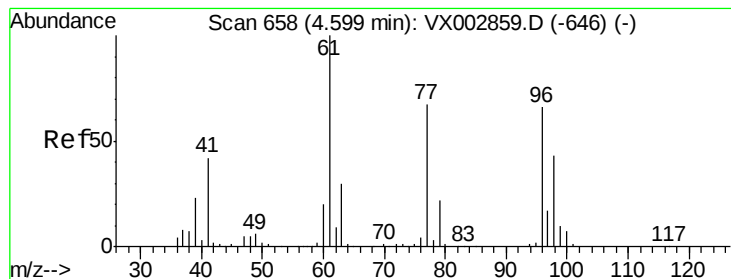
Tgt Ion: 77 Resp: 60038

Ion Ratio Lower Upper

77 100

97 24.2 11.2 33.5



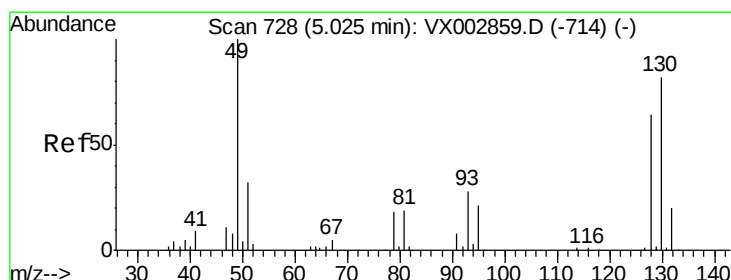
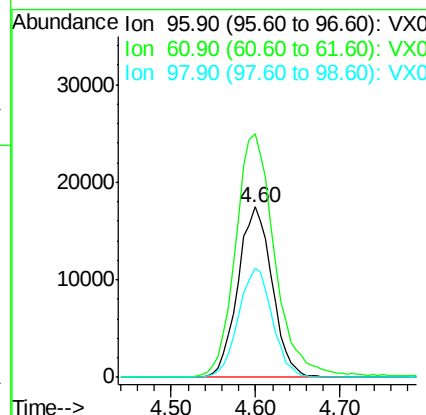
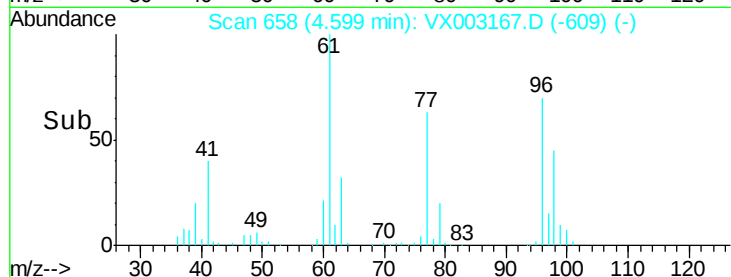
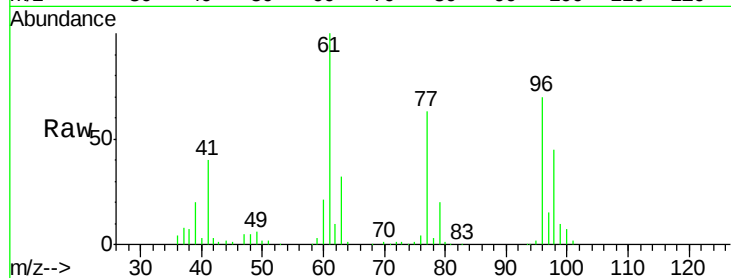


#27

cis-1,2-Dichloroethene
Concen: 16.82 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX003167.D
Acq: 05 Jul 2018 12:59

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBS01

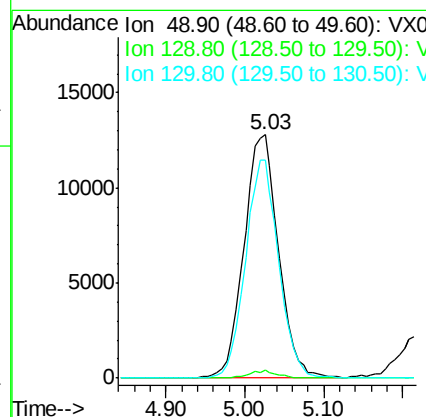
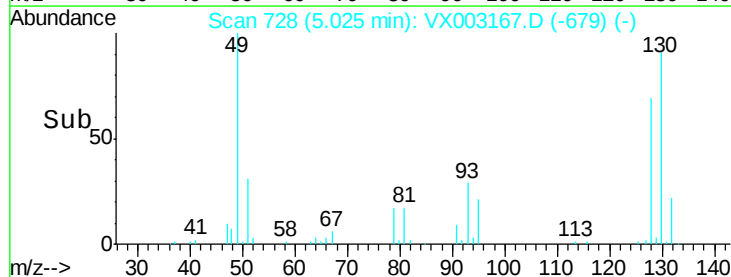
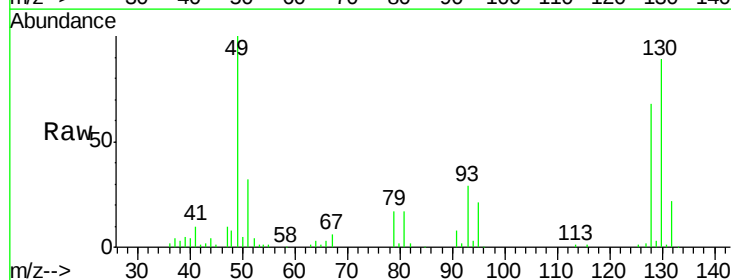
Tot Ion: 96 Resp: 48046
Ion Ratio Lower Upper
96 100
61 165.0 0.0 330.2
98 63.2 0.0 130.2

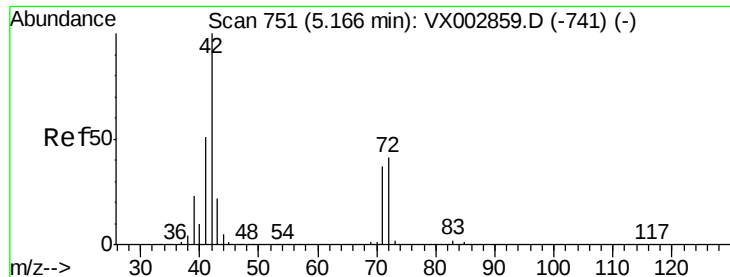


#28

Bromochloromethane
Concen: 16.97 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX003167.D
Acq: 05 Jul 2018 12:59

Tgt Ion: 49 Resp: 38902
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.2
130 86.1 61.2 91.8

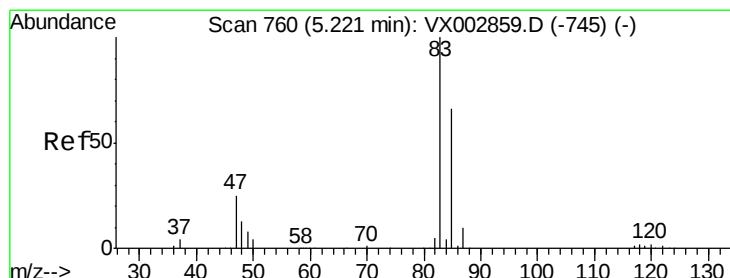
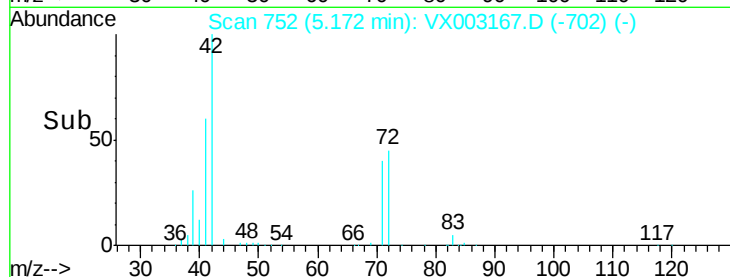
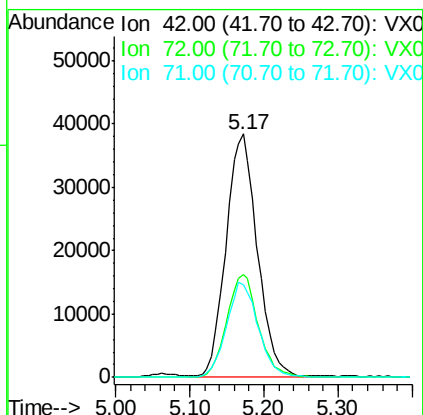
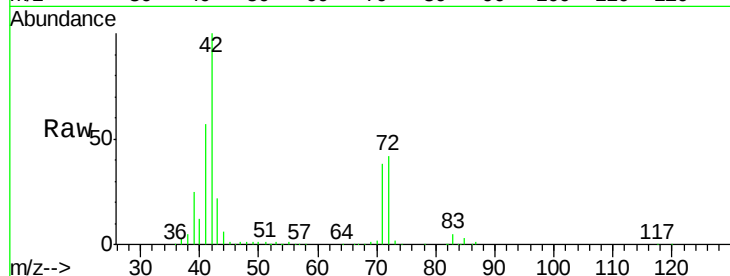




#29
Tetrahydrofuran
Concen: 87.01 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003167.D
Acq: 05 Jul 2018 12:59

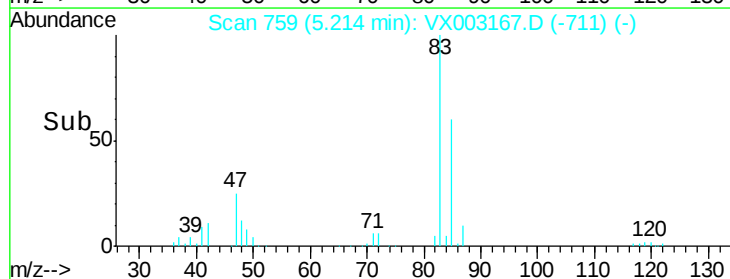
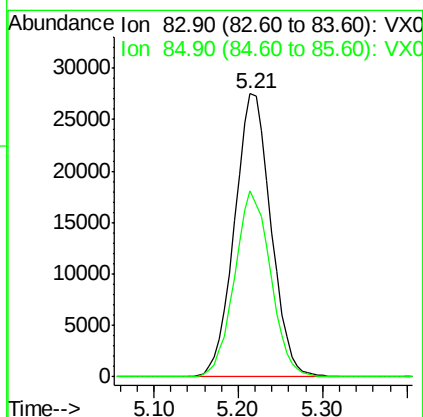
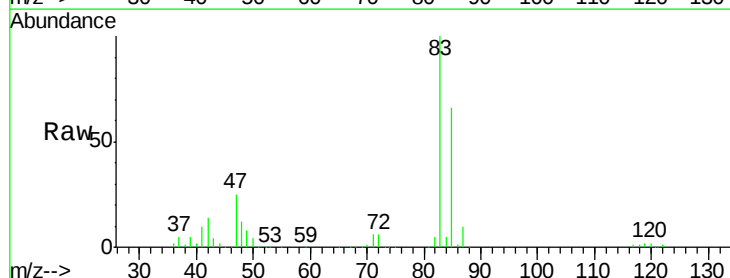
Instrument :
MSVOA_X
ClientSampled :
VX0705WBS01

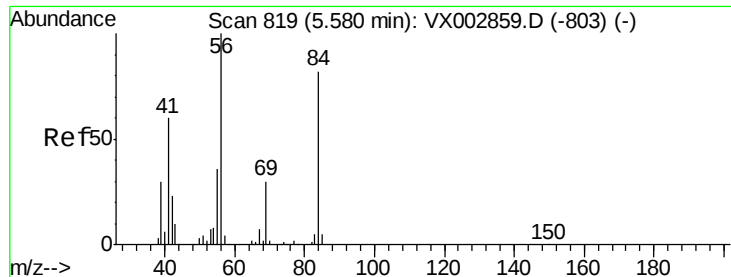
Tot Ion: 42 Resp: 112422
Ion Ratio Lower Upper
42 100
72 43.0 32.0 48.0
71 39.5 30.1 45.1



#30
Chloroform
Concen: 16.35 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX003167.D
Acq: 05 Jul 2018 12:59

Tgt Ion: 83 Resp: 80376
Ion Ratio Lower Upper
83 100
85 65.9 50.4 75.6





#31

Cyclohexane

Concen: 15.40 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003167.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBS01

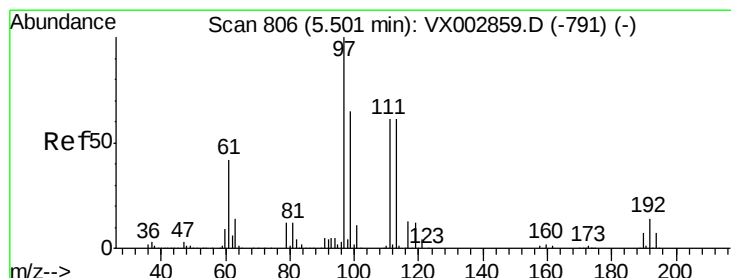
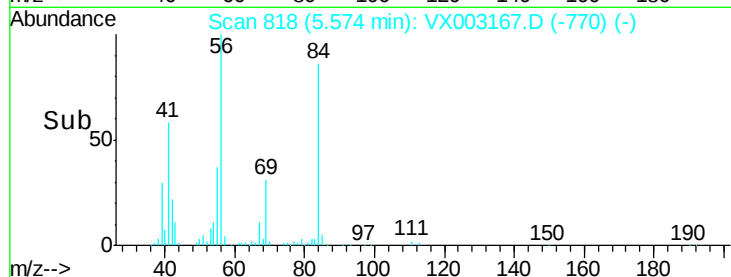
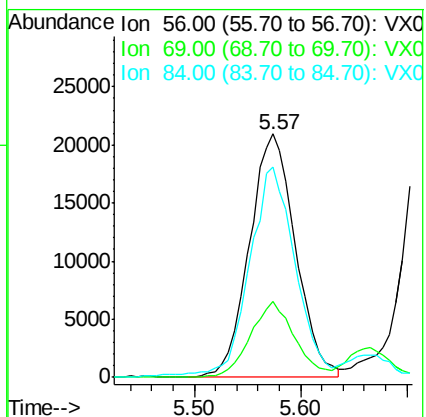
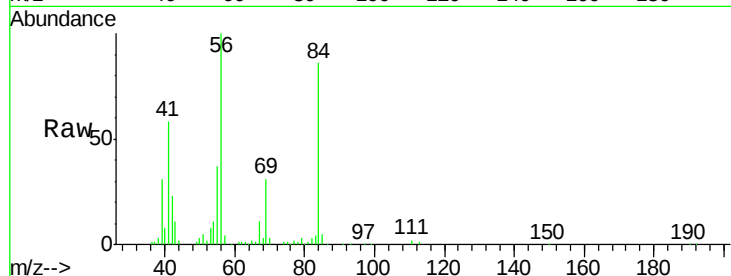
Tot Ion: 56 Resp: 63326

Ion Ratio Lower Upper

56 100

69 31.2 23.7 35.5

84 84.6 64.1 96.1



#32

1,1,1-Trichloroethane

Concen: 15.67 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX003167.D

Acq: 05 Jul 2018 12:59

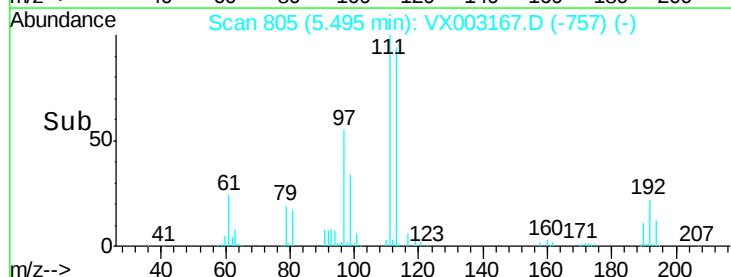
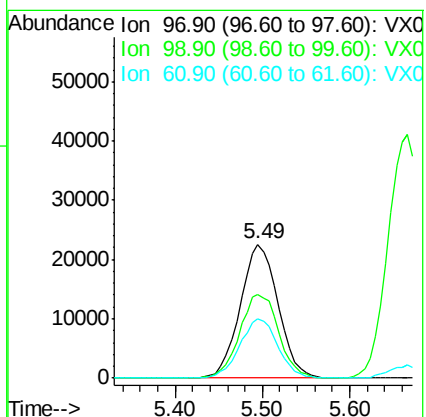
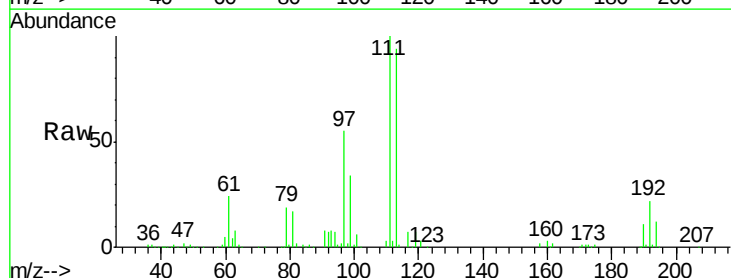
Tgt Ion: 97 Resp: 67796

Ion Ratio Lower Upper

97 100

99 64.9 51.6 77.4

61 44.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.99 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003167.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_X

ClientSampleId :

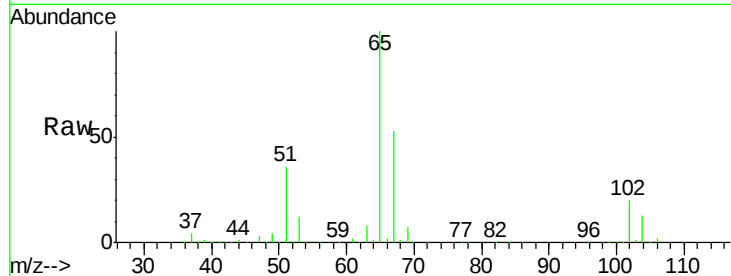
VX0705WBS01

Tot Ion: 65 Resp: 157315

Ion Ratio Lower Upper

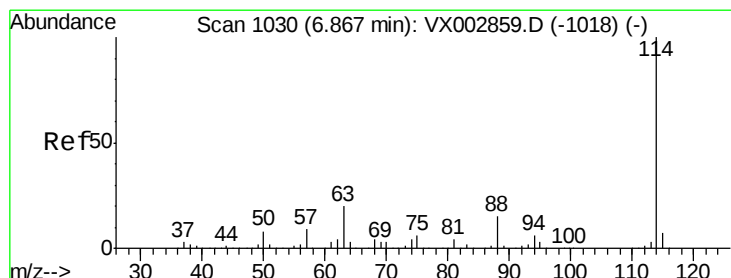
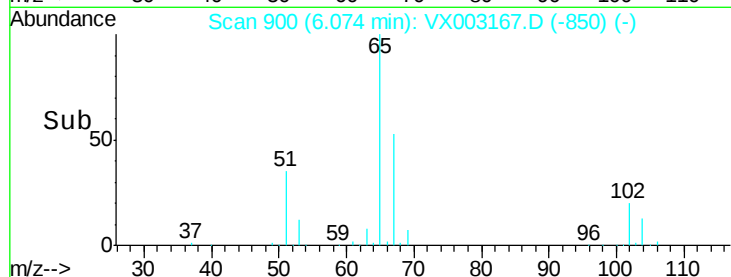
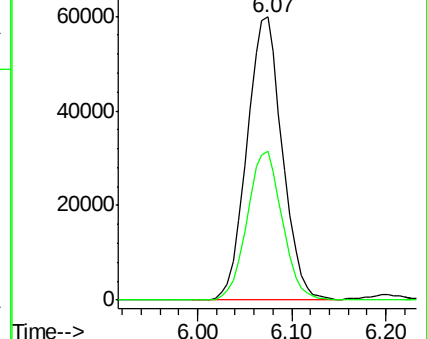
65 100

67 52.4 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: VX003167.D

Acq: 05 Jul 2018 12:59

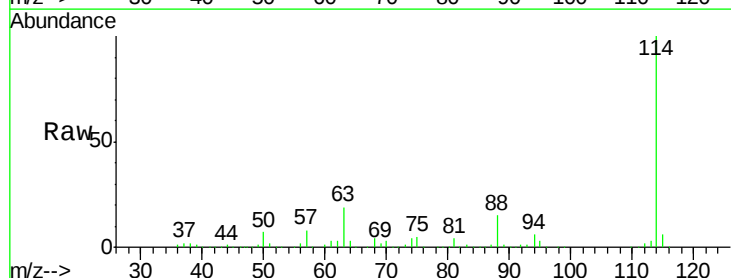
Tgt Ion: 114 Resp: 325164

Ion Ratio Lower Upper

114 100

63 18.6 0.0 41.4

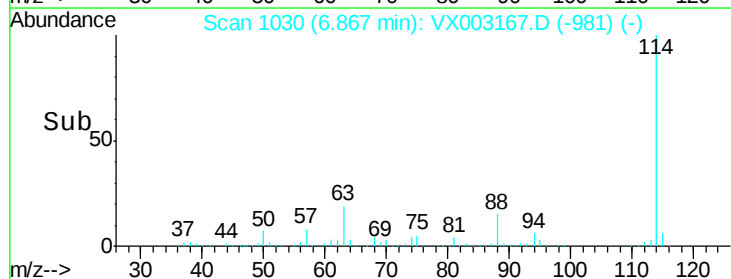
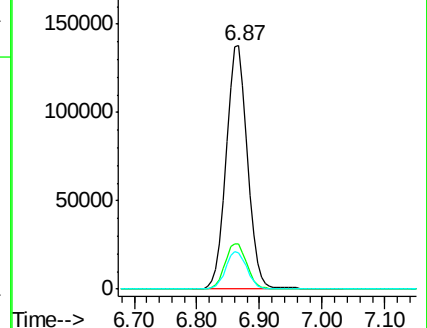
88 14.9 0.0 30.0

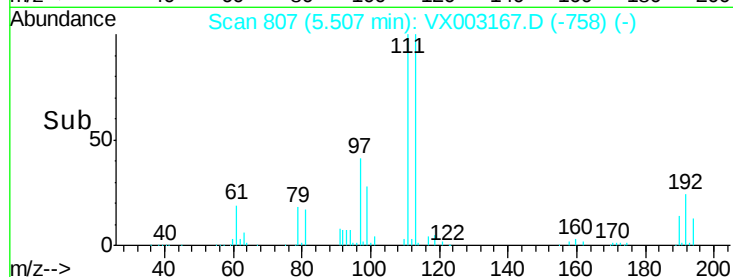
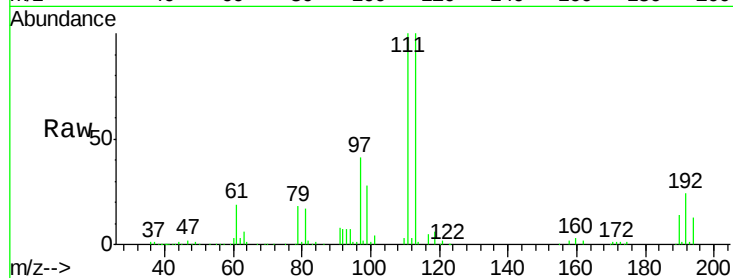
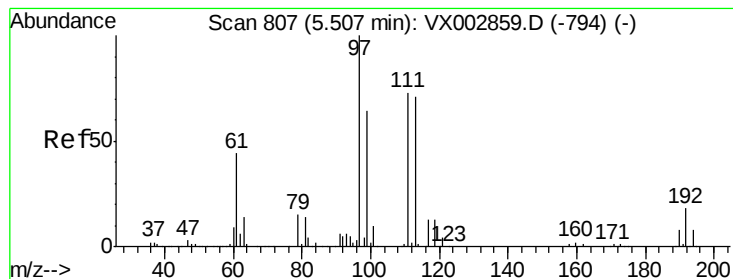


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.10 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003167.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBS01

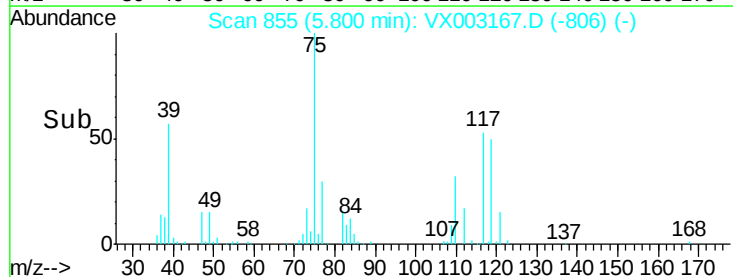
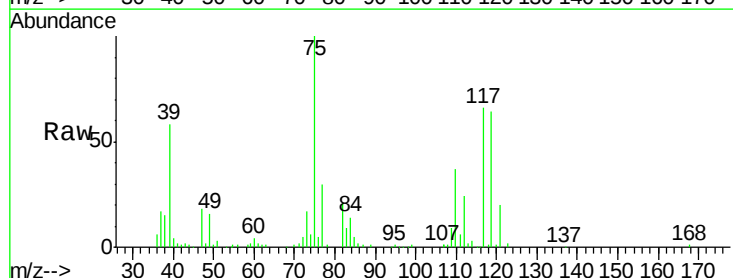
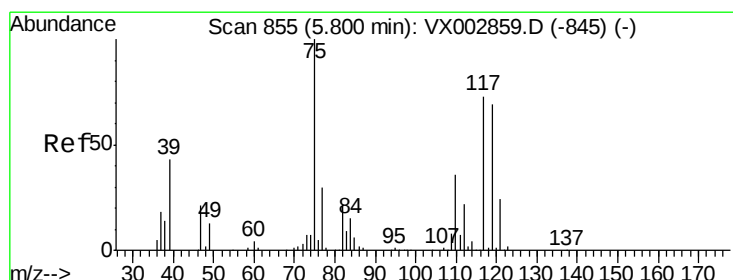
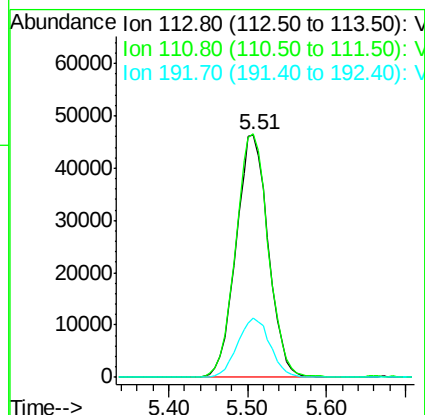
Tot Ion:113 Resp: 131594

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

192 24.7 19.1 28.7



#36

1,1-Dichloropropene

Concen: 15.73 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX003167.D

Acq: 05 Jul 2018 12:59

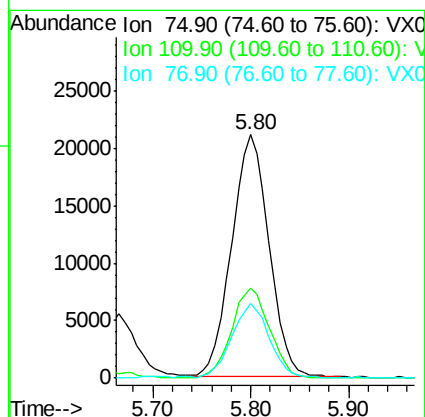
Tgt Ion: 75 Resp: 56104

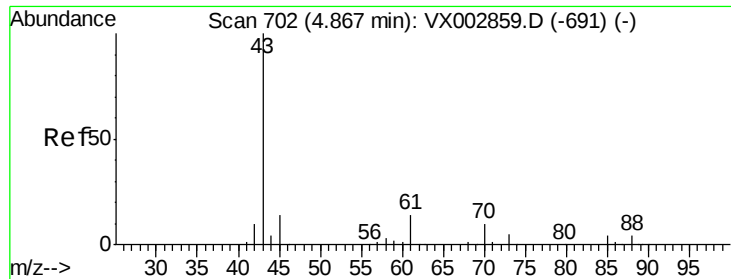
Ion Ratio Lower Upper

75 100

110 37.5 18.1 54.4

77 31.2 24.3 36.5

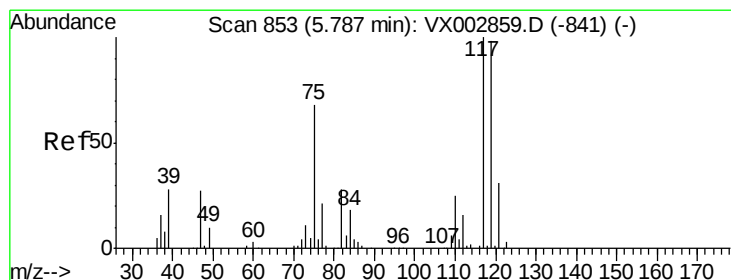
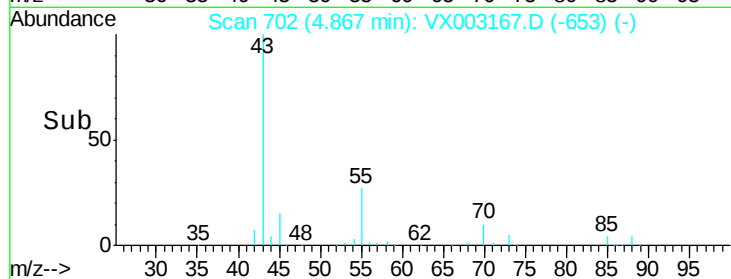
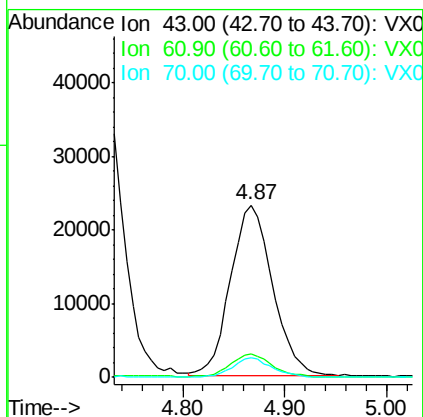
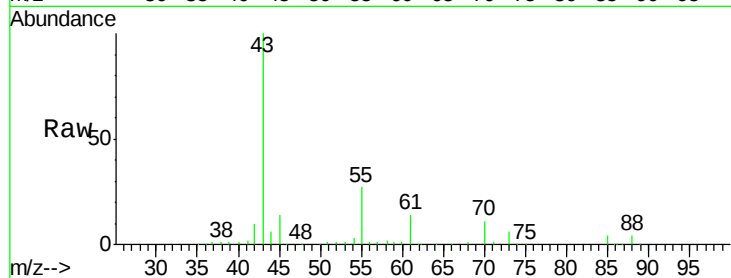




#37
Ethyl Acetate
Concen: 17.28 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003167.D
Acq: 05 Jul 2018 12:59

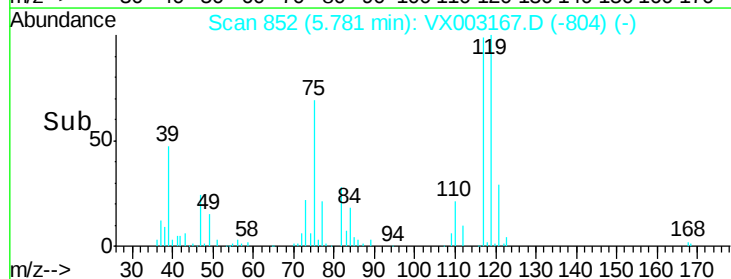
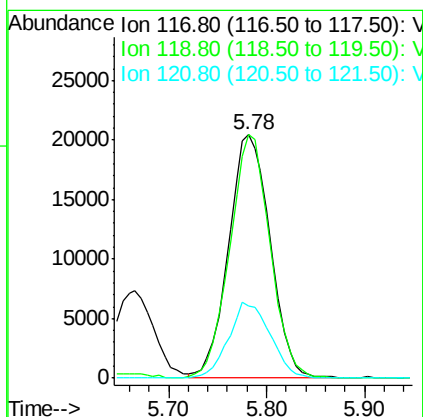
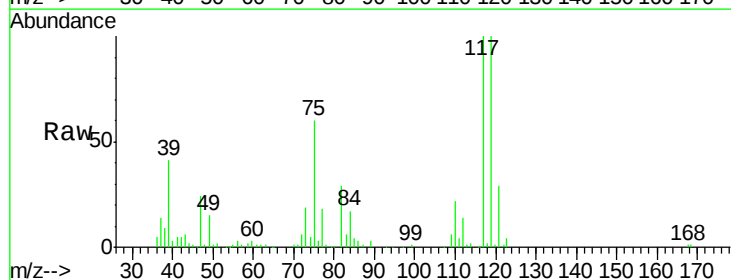
Instrument :
MSVOA_X
ClientSampleId :
VX0705WBS01

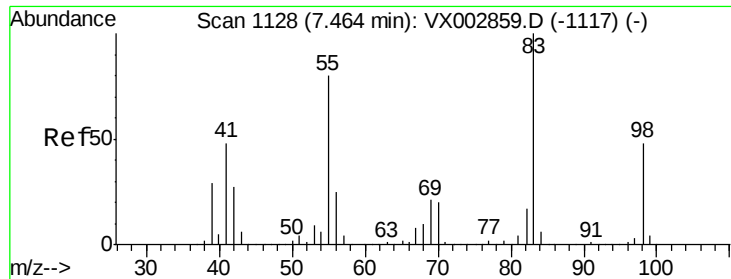
Tot Ion: 43 Resp: 66344
Ion Ratio Lower Upper
43 100
61 13.9 10.4 15.6
70 10.7 7.6 11.4



#38
Carbon Tetrachloride
Concen: 15.41 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003167.D
Acq: 05 Jul 2018 12:59

Tgt Ion: 117 Resp: 60291
Ion Ratio Lower Upper
117 100
119 99.8 77.4 116.0
121 29.5 24.4 36.6

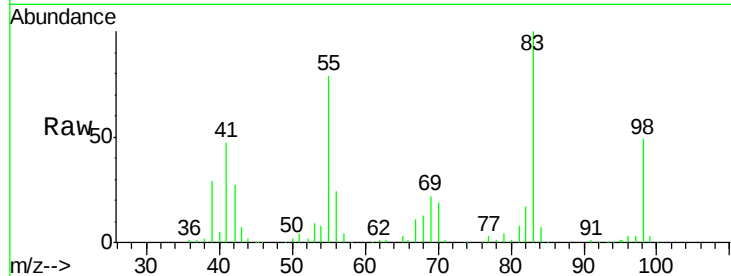




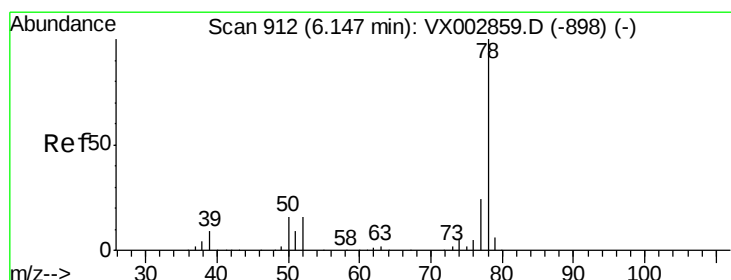
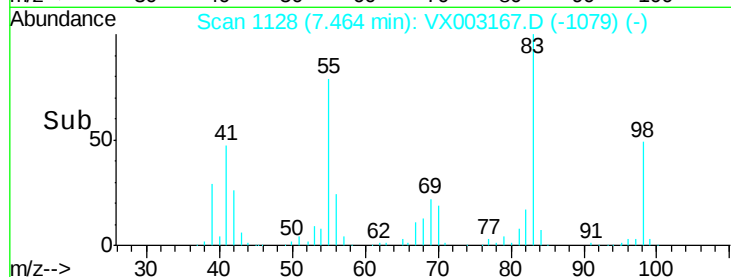
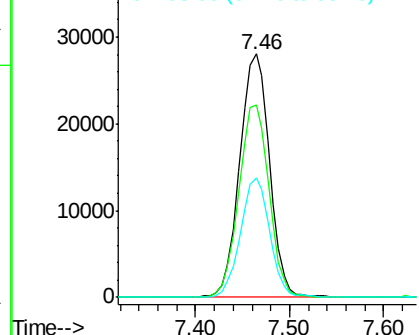
#39
Methvlcvclohexane
Concen: 14.95 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003167.D
Acq: 05 Jul 2018 12:59

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBS01

Tot Ion: 83 Resp: 62113
Ion Ratio Lower Upper
83 100
55 78.8 65.4 98.0
98 48.9 37.4 56.0

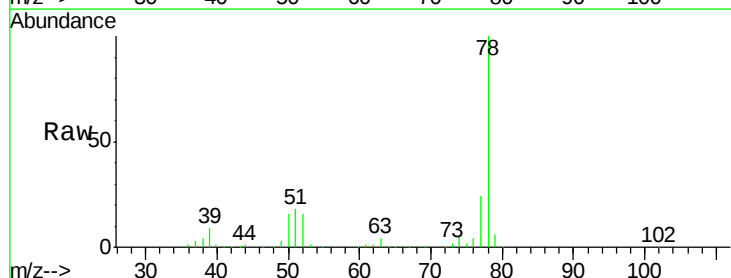


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

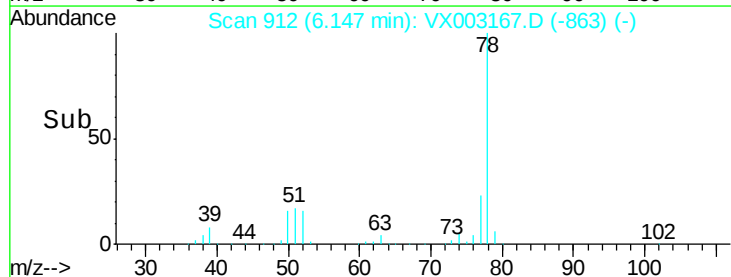
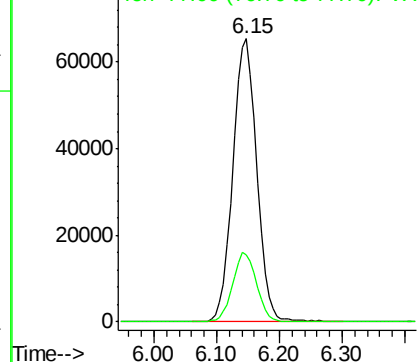


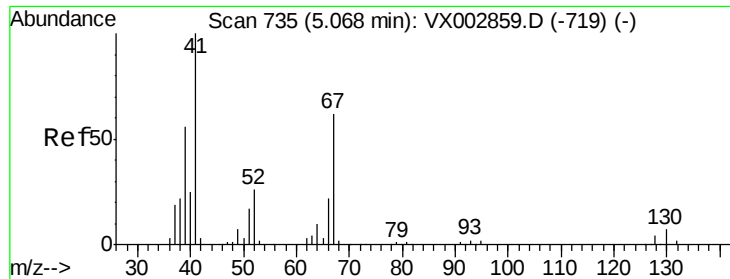
#40
Benzene
Concen: 16.68 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003167.D
Acq: 05 Jul 2018 12:59

Tgt Ion: 78 Resp: 172786
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7



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

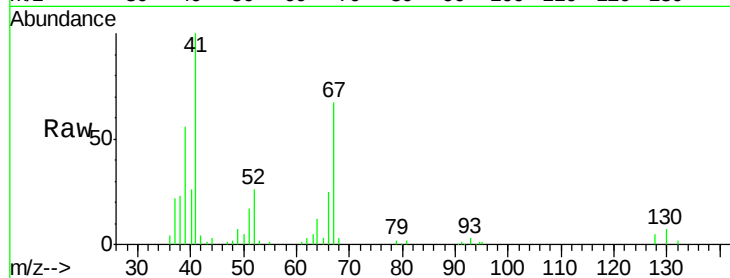




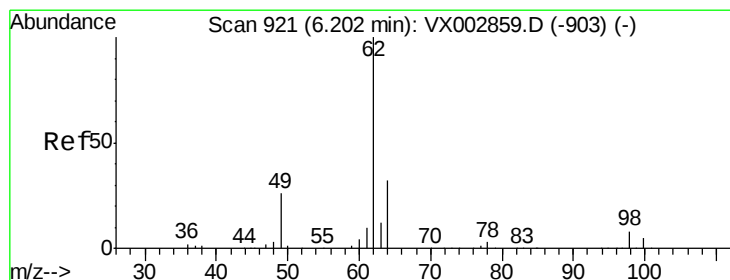
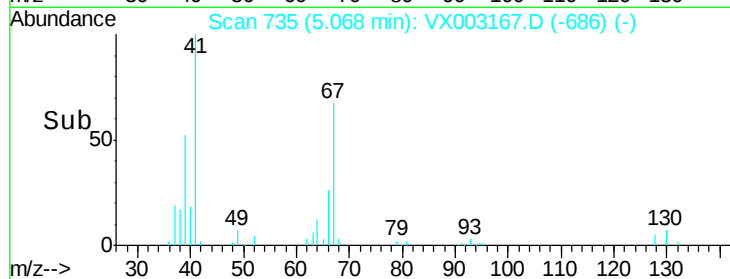
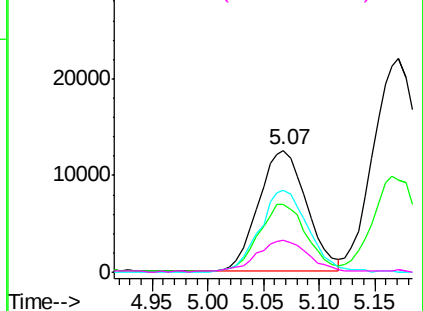
#41
Methacrylonitrile
Concen: 17.07 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003167.D
Acq: 05 Jul 2018 12:59

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBS01

Tot Ion:	41	Resp:	37746
Ion	Ratio	Lower	Upper
41	100		
39	55.8	45.8	68.6
67	68.5	51.3	76.9
52	28.8	23.0	34.6

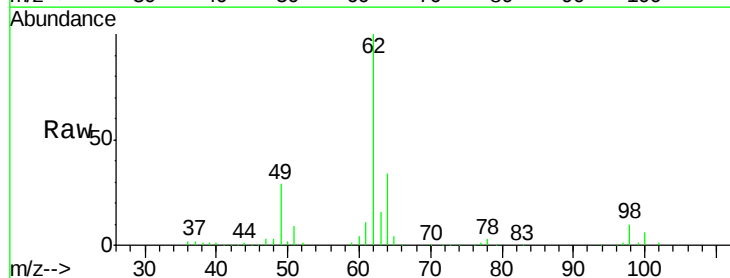


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

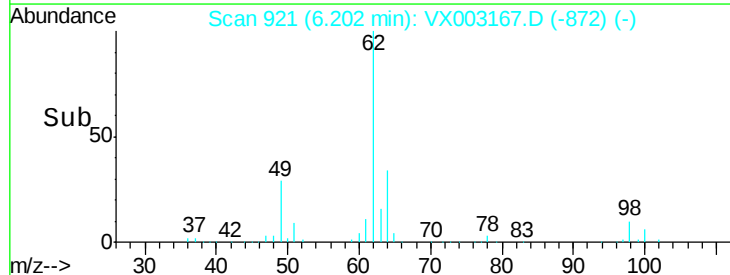
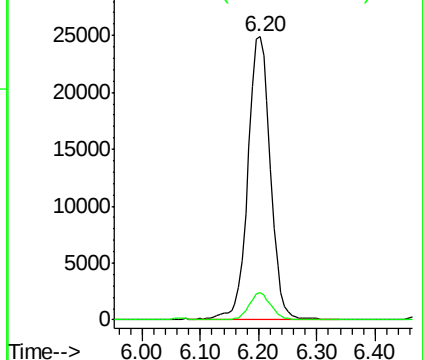


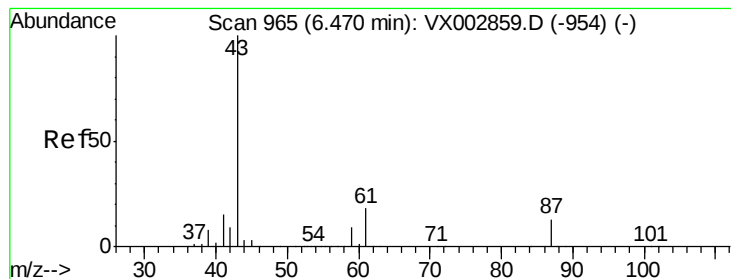
#42
1,2-Dichloroethane
Concen: 16.00 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003167.D
Acq: 05 Jul 2018 12:59

Tgt Ion:	62	Resp:	66943
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 16.25 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003167.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBS01

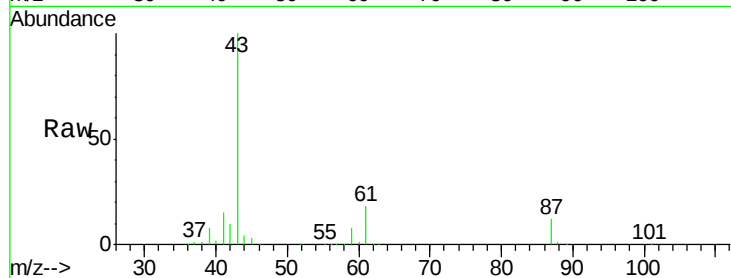
Tot Ion: 43 Resp: 104613

Ion Ratio Lower Upper

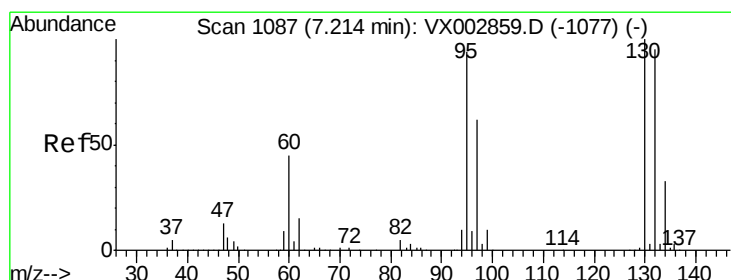
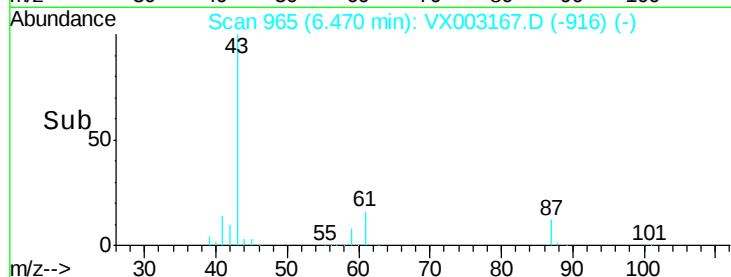
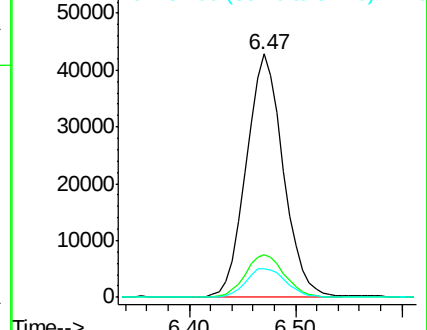
43 100

61 18.7 14.4 21.6

87 12.8 9.5 14.3



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



#44

Trichloroethene

Concen: 16.43 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003167.D

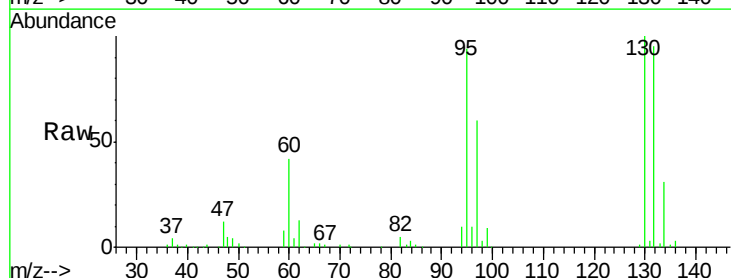
Acq: 05 Jul 2018 12:59

Tgt Ion: 130 Resp: 50752

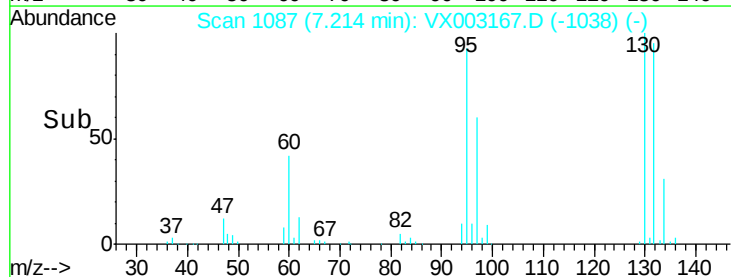
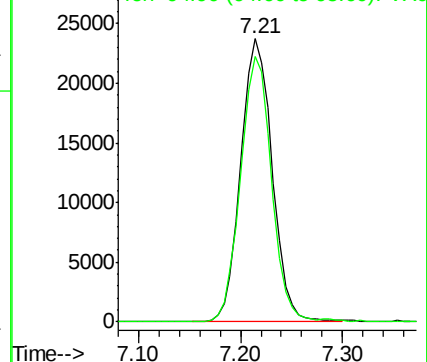
Ion Ratio Lower Upper

130 100

95 93.8 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

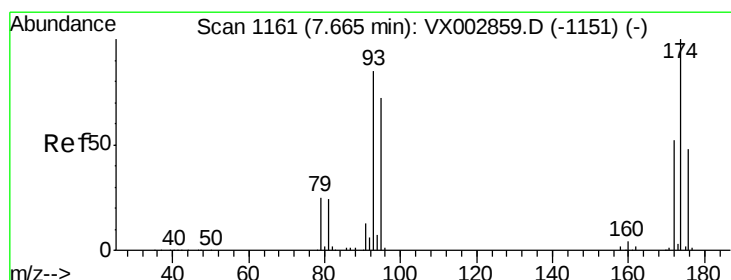
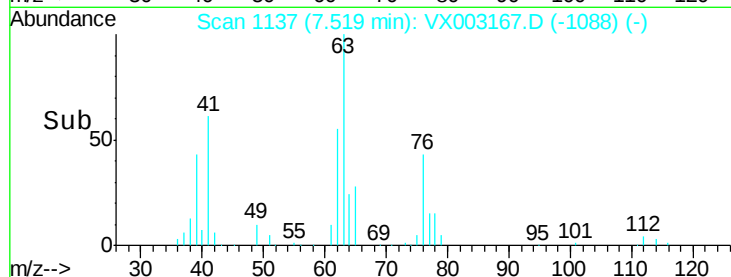
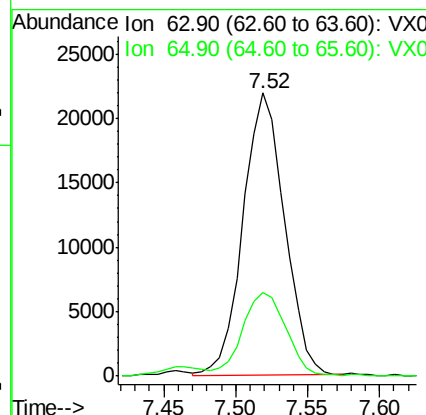
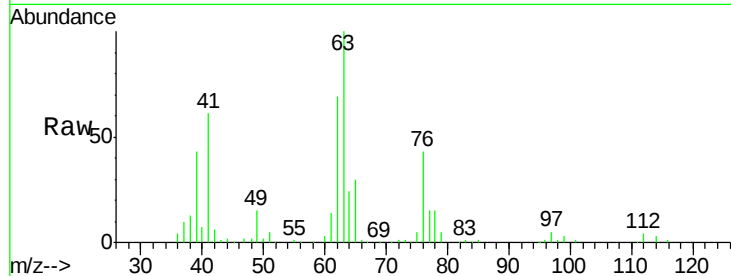




#45
 1,2-Dichloropropane
 Concen: 15.87 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003167.D
 Acq: 05 Jul 2018 12:59

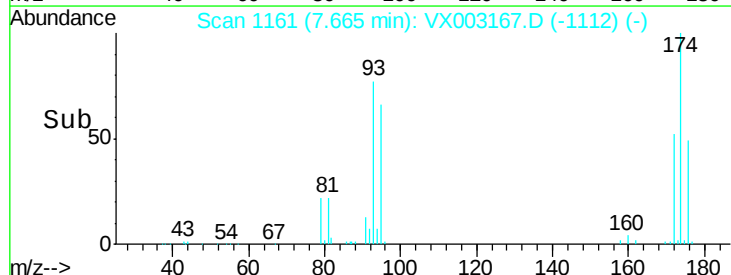
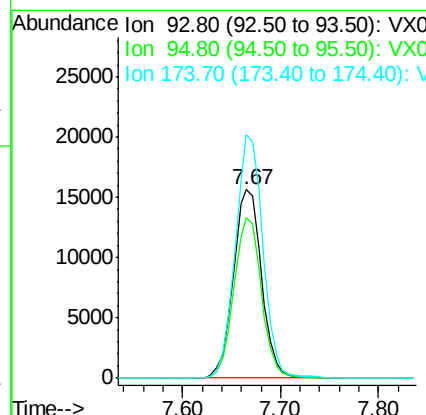
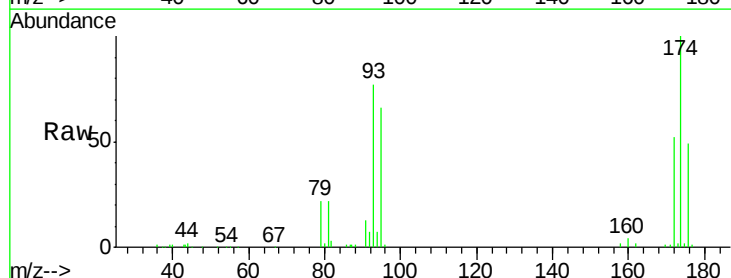
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBS01

Tot Ion: 63 Resp: 43625
 Ion Ratio Lower Upper
 63 100
 65 29.4 24.7 37.1



#46
 Dibromomethane
 Concen: 16.39 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003167.D
 Acq: 05 Jul 2018 12:59

Tgt Ion: 93 Resp: 31256
 Ion Ratio Lower Upper
 93 100
 95 83.1 65.9 98.9
 174 126.0 92.4 138.6





#47

Bromodichloromethane

Concen: 16.13 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003167.D

Acq: 05 Jul 2018 12:59

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBS01

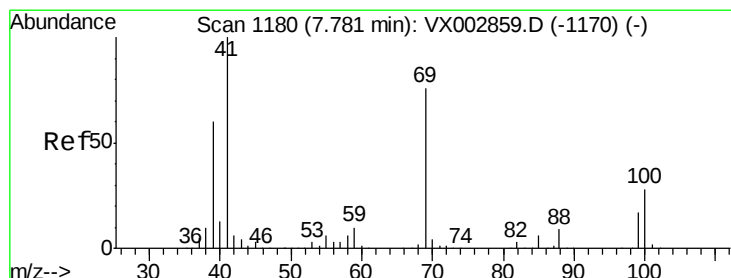
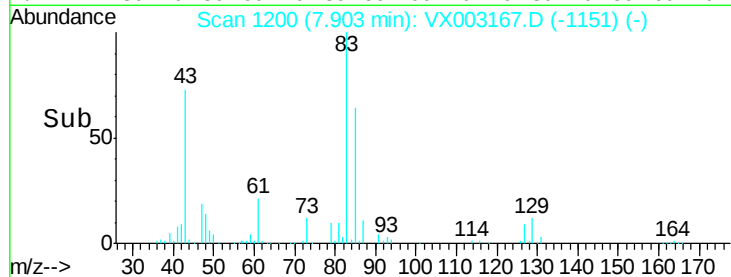
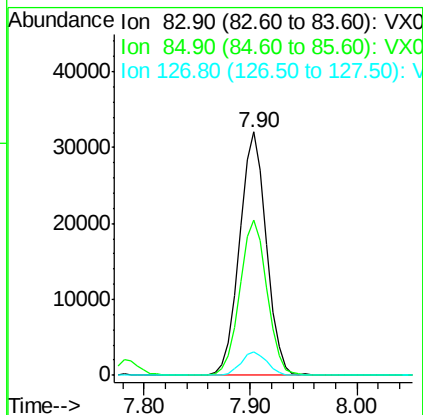
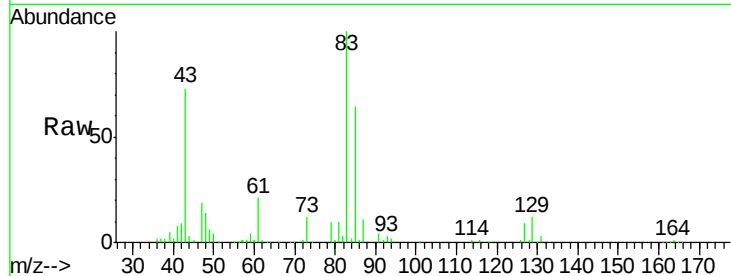
Tot Ion: 83 Resp: 56858

Ion Ratio Lower Upper

83 100

85 63.7 50.3 75.5

127 9.4 7.0 10.4



#48

Methyl methacrylate

Concen: 15.95 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003167.D

Acq: 05 Jul 2018 12:59

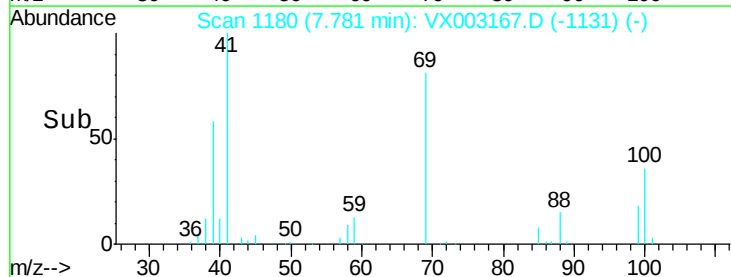
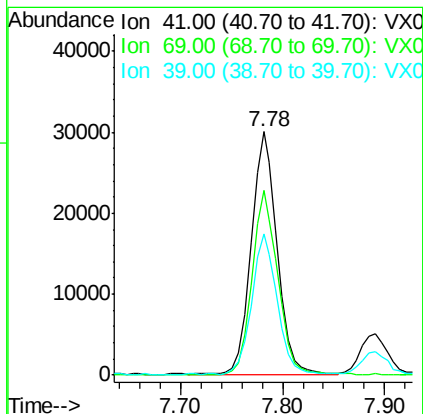
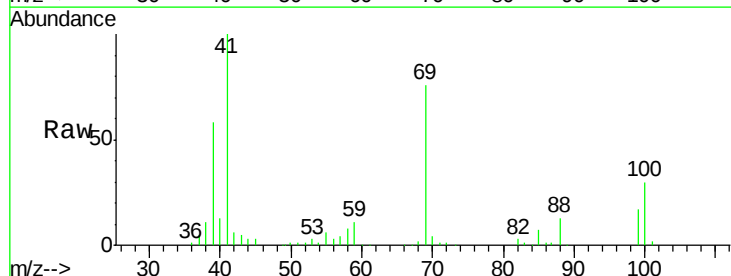
Tgt Ion: 41 Resp: 52914

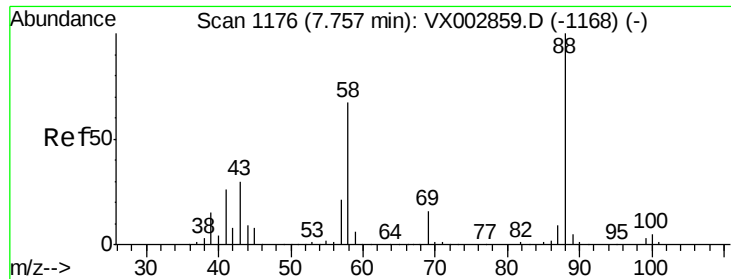
Ion Ratio Lower Upper

41 100

69 76.8 59.1 88.7

39 57.1 48.9 73.3

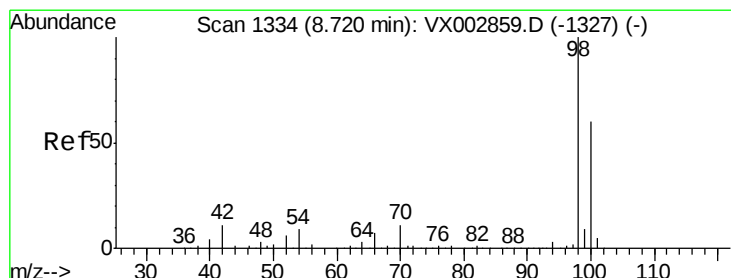
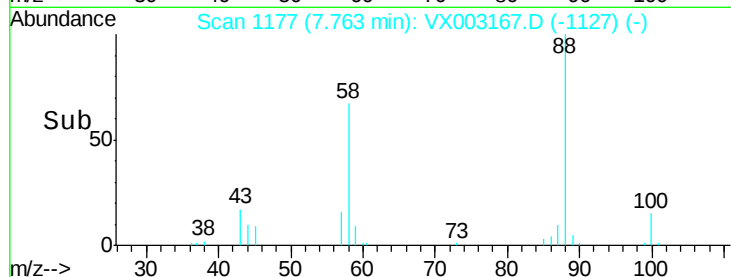
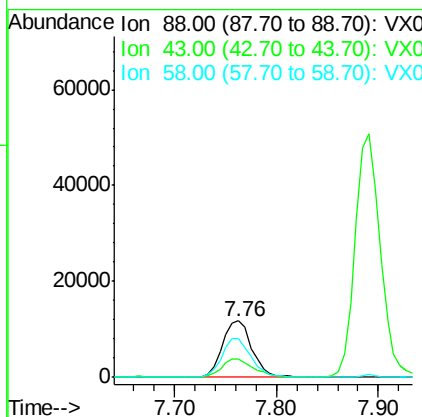
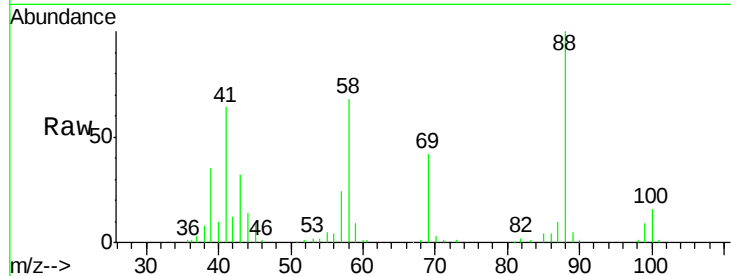




#49
1,4-Dioxane
Concen: 365.75 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003167.D
Acq: 05 Jul 2018 12:59

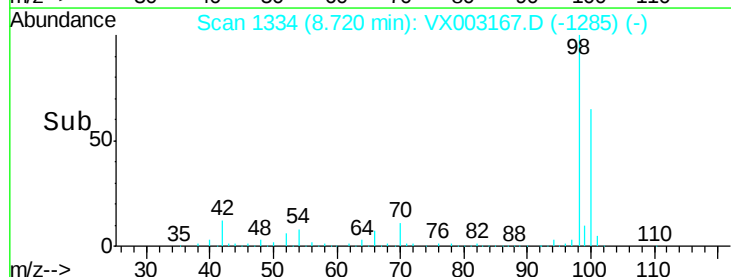
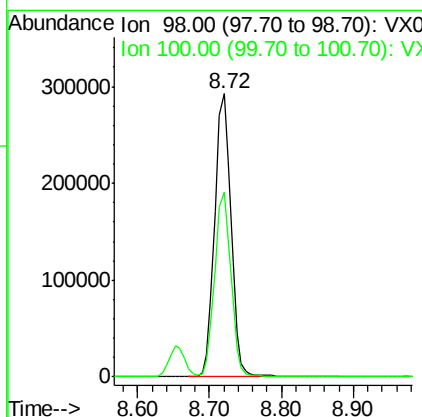
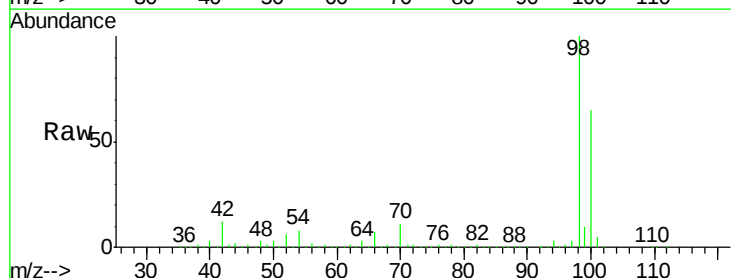
Instrument :
MSVOA_X
ClientSampleId :
VX0705WBS01

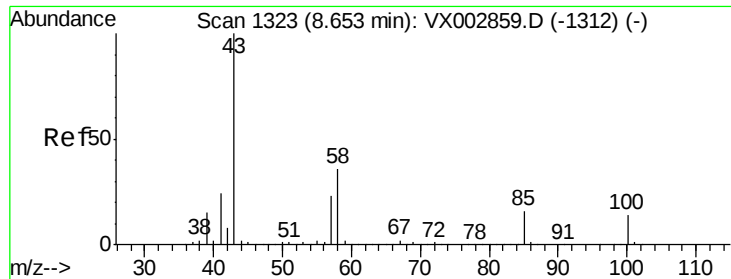
Tot Ion: 88 Resp: 23609
Ion Ratio Lower Upper
88 100
43 33.0 29.8 44.6
58 69.6 57.1 85.7



#50
Toluene-d8
Concen: 49.16 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003167.D
Acq: 05 Jul 2018 12:59

Tgt Ion: 98 Resp: 462307
Ion Ratio Lower Upper
98 100
100 65.1 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 83.64 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003167.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_X

ClientSampleId :

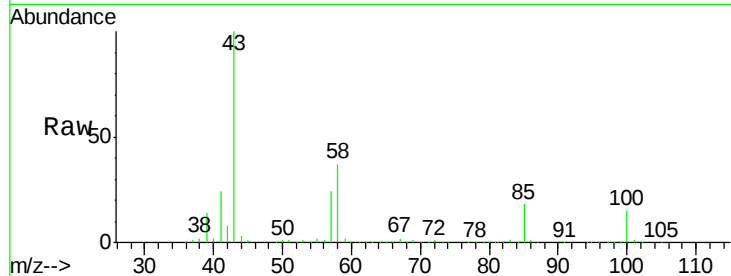
VX0705WBS01

Tot Ion: 43 Resp: 336952

Ion Ratio Lower Upper

43 100

58 37.3 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

250000

200000

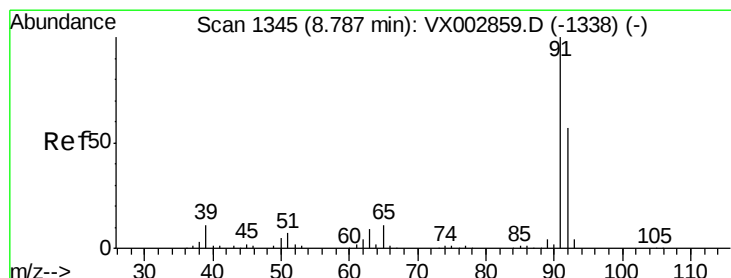
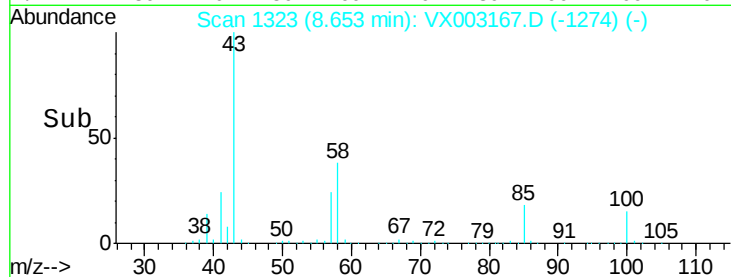
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 16.34 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003167.D

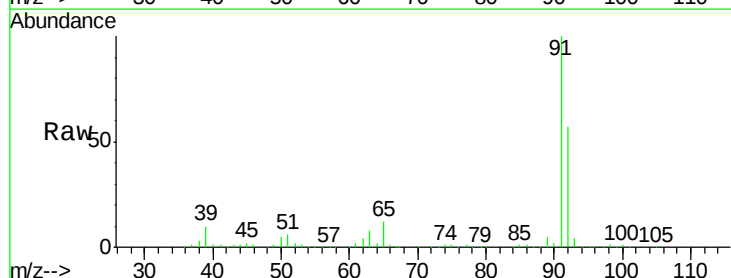
Acq: 05 Jul 2018 12:59

Tgt Ion: 92 Resp: 108459

Ion Ratio Lower Upper

92 100

91 174.8 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

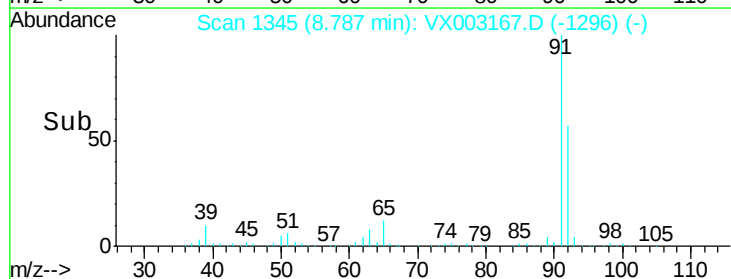
8.79

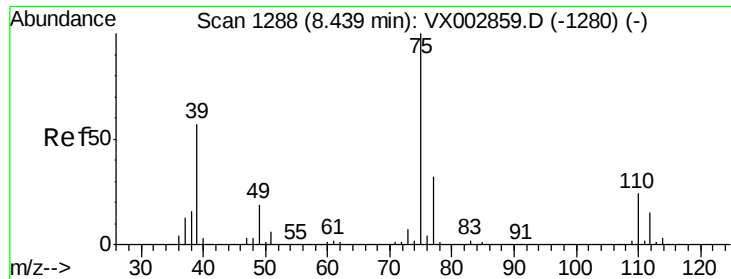
100000

50000

0

Time-->

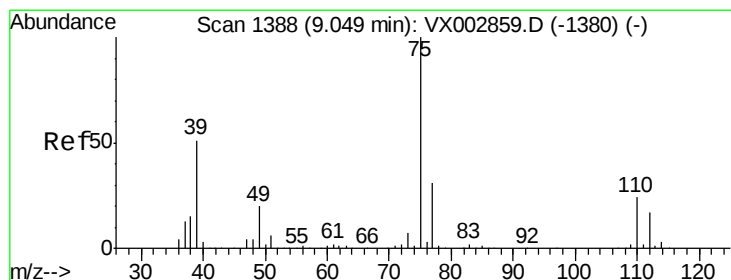
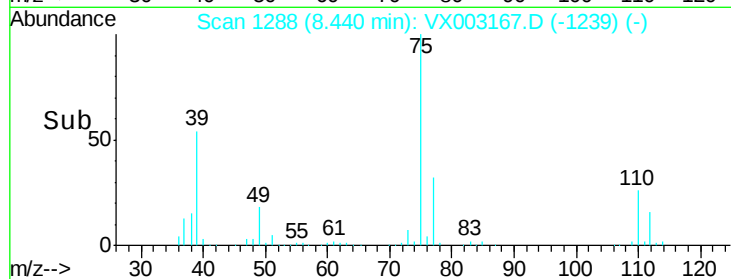
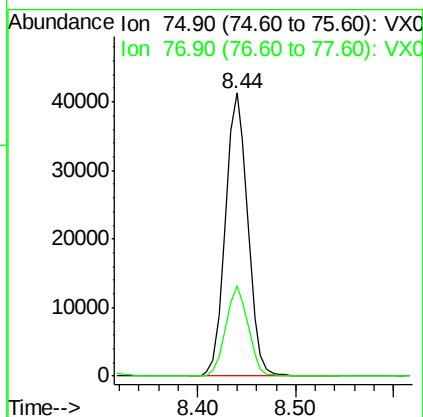
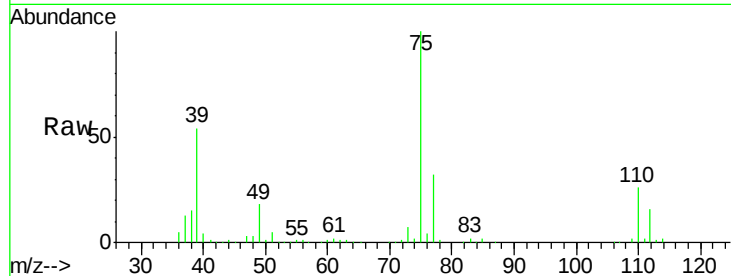




#53
t-1,3-Dichloropropene
Concen: 16.41 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003167.D
Acq: 05 Jul 2018 12:59

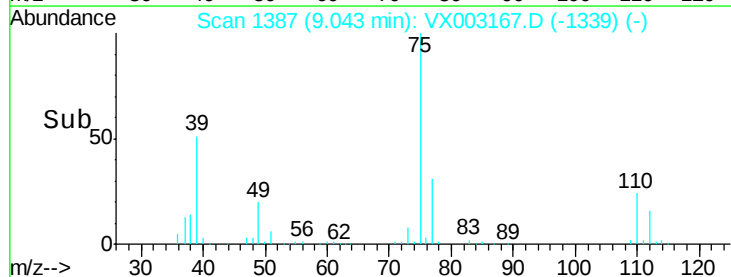
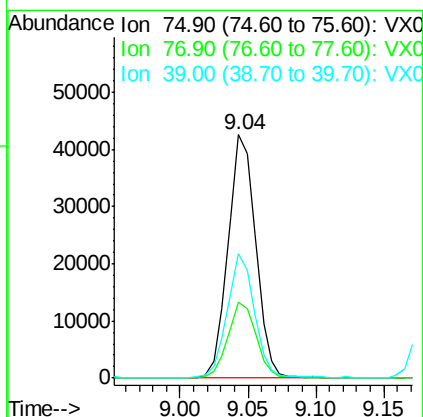
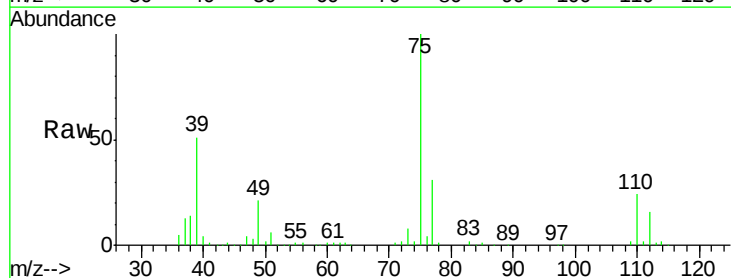
Instrument :
MSVOA_X
ClientSampleId :
VX0705WBS01

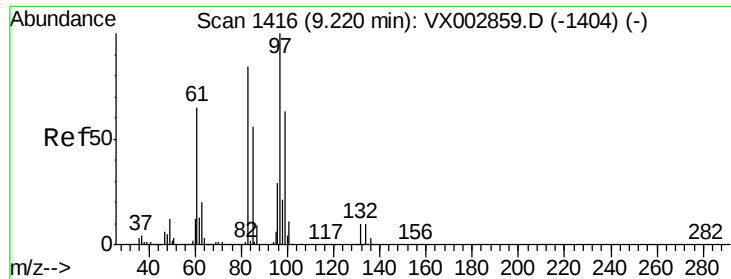
Tot Ion: 75 Resp: 65533
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 15.76 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX003167.D
Acq: 05 Jul 2018 12:59

Tgt Ion: 75 Resp: 60564
Ion Ratio Lower Upper
75 100
77 31.4 24.8 37.2
39 50.7 42.4 63.6

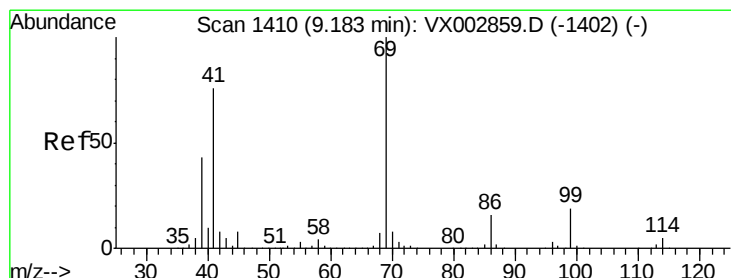
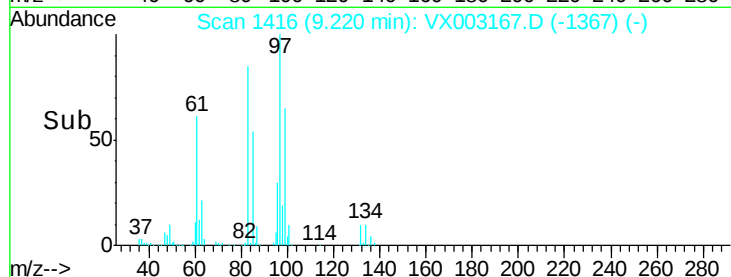
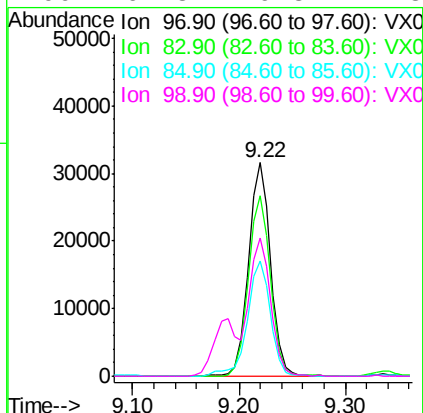
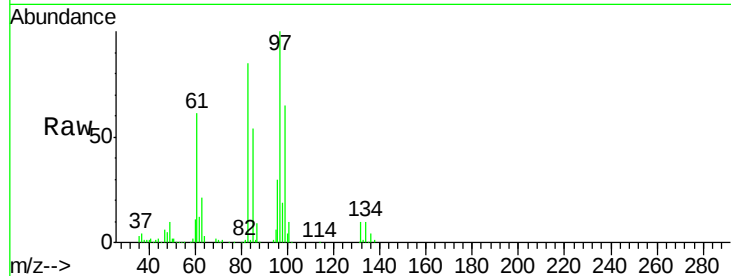




#55
 1,1,2-Trichloroethane
 Concen: 16.73 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003167.D
 Acq: 05 Jul 2018 12:59

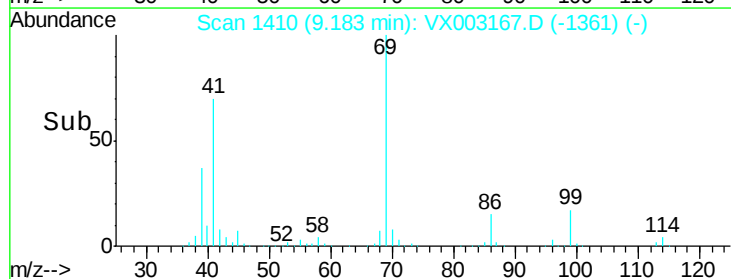
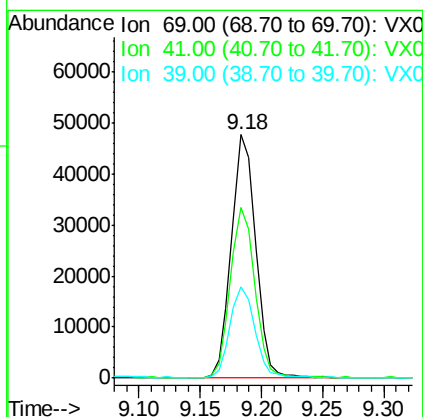
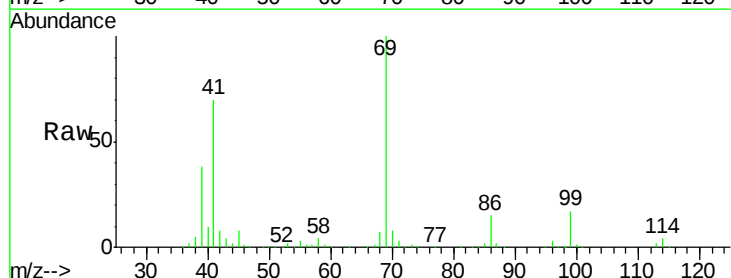
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBS01

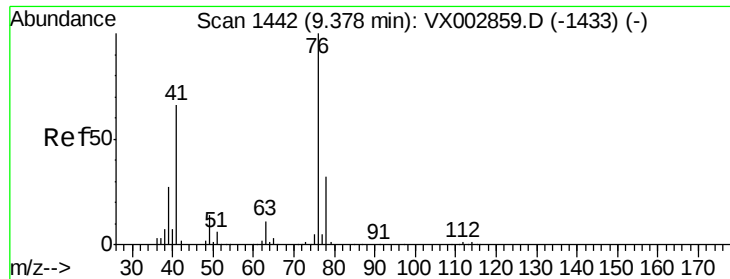
Tot Ion:	97	Resp:	45616
Ion	Ratio	Lower	Upper
97	100		
83	84.5	70.2	105.2
85	53.7	44.9	67.3
99	64.8	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 16.55 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003167.D
 Acq: 05 Jul 2018 12:59

Tgt Ion:	69	Resp:	65974
Ion	Ratio	Lower	Upper
69	100		
41	69.9	60.3	90.5
39	37.9	35.8	53.8





#57

1,3-Dichloropropane

Concen: 16.70 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX003167.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_X

ClientSampled :

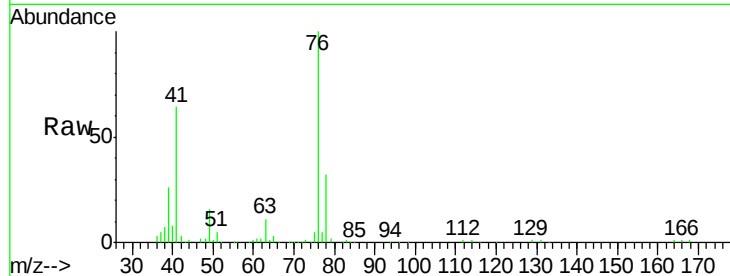
VX0705WBS01

Tot Ion: 76 Resp: 74801

Ion Ratio Lower Upper

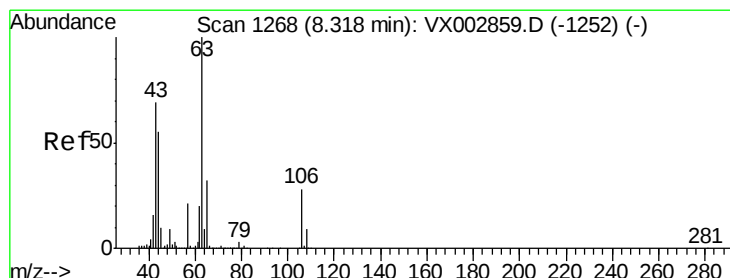
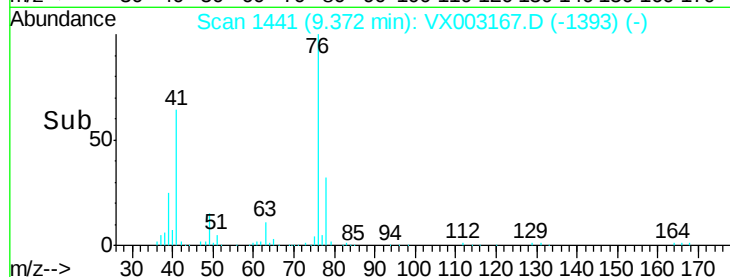
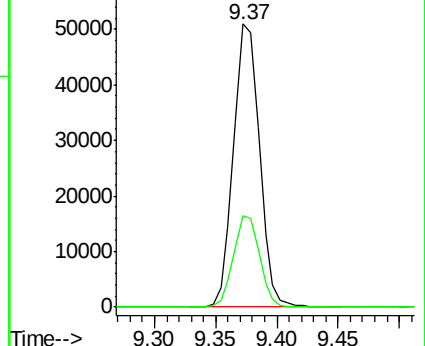
76 100

78 32.6 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: 102.41 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003167.D

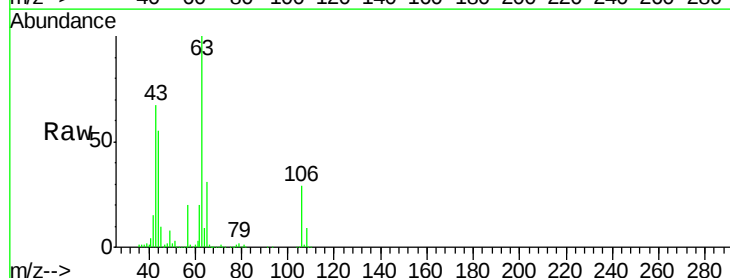
Acq: 05 Jul 2018 12:59

Tgt Ion: 63 Resp: 196934

Ion Ratio Lower Upper

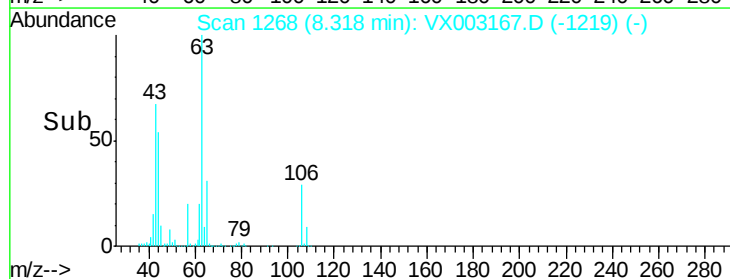
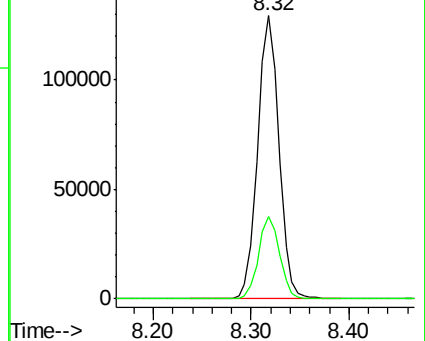
63 100

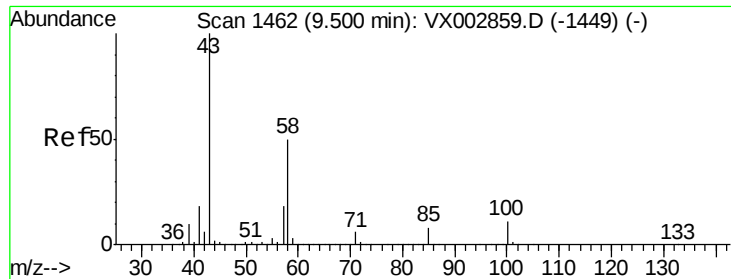
106 29.0 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

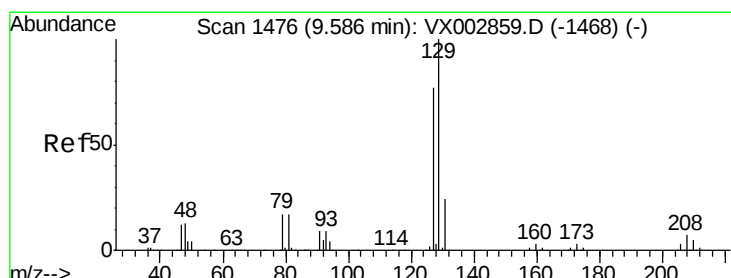
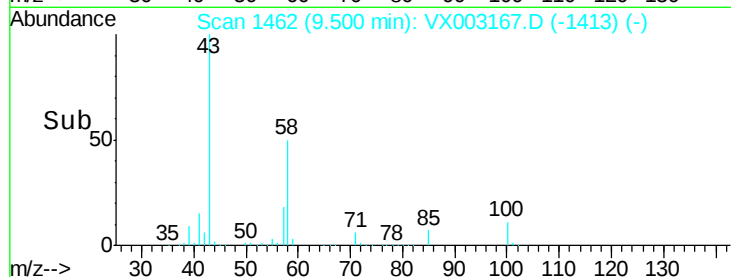
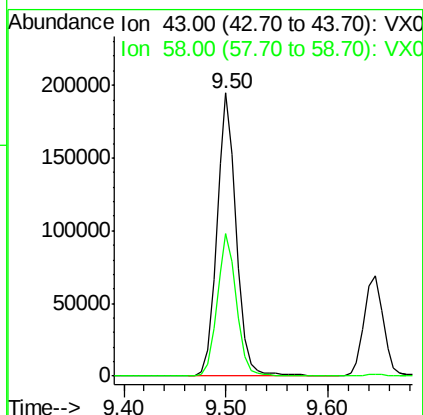
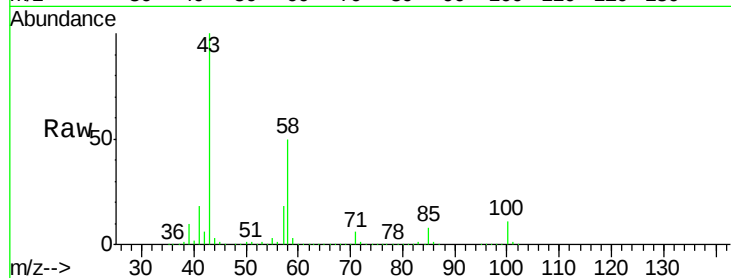




#59
2-Hexanone
Concen: 84.28 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003167.D
Acq: 05 Jul 2018 12:59

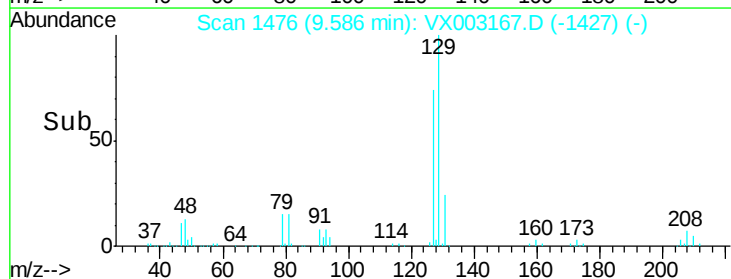
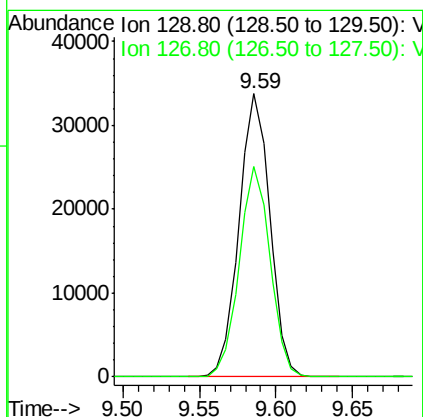
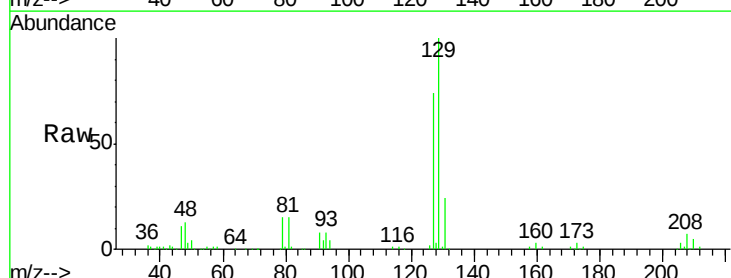
Instrument :
MSVOA_X
ClientSampleId :
VX0705WBS01

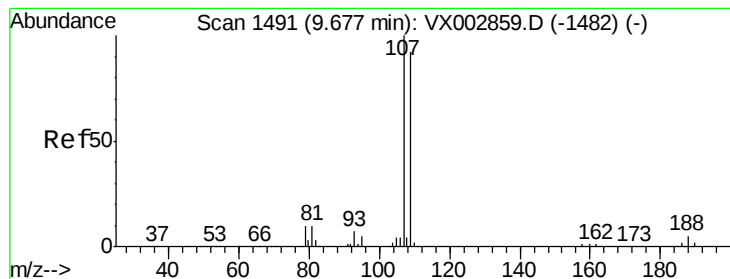
Tot Ion: 43 Resp: 258059
Ion Ratio Lower Upper
43 100
58 50.8 24.6 73.6



#60
Dibromochloromethane
Concen: 16.50 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003167.D
Acq: 05 Jul 2018 12:59

Tgt Ion: 129 Resp: 47370
Ion Ratio Lower Upper
129 100
127 74.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 17.03 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003167.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_X

ClientSampleId :

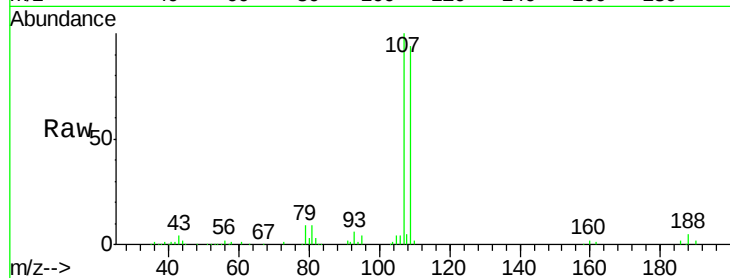
VX0705WBS01

Tot Ion:107 Resp: 48713

Ion Ratio Lower Upper

107 100

109 94.6 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

40000

30000

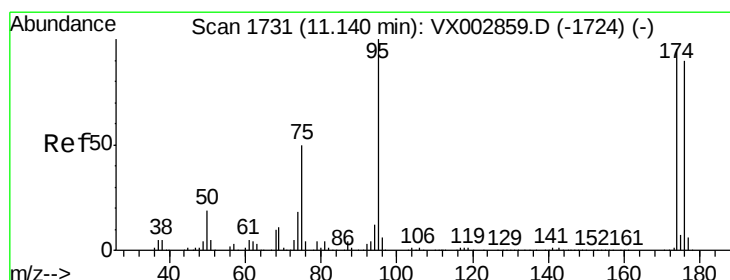
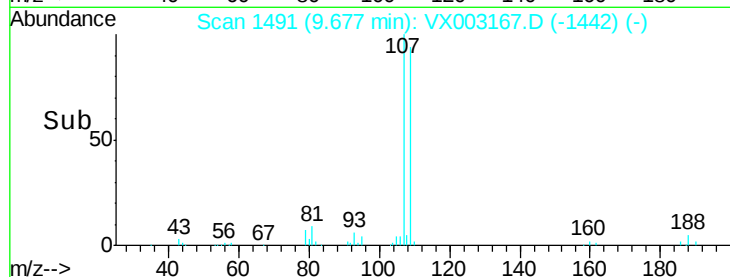
20000

10000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 49.04 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003167.D

Acq: 05 Jul 2018 12:59

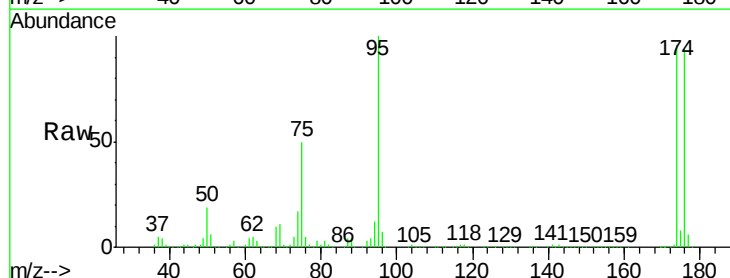
Tgt Ion: 95 Resp: 177854

Ion Ratio Lower Upper

95 100

174 98.1 0.0 187.4

176 94.9 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

200000

150000

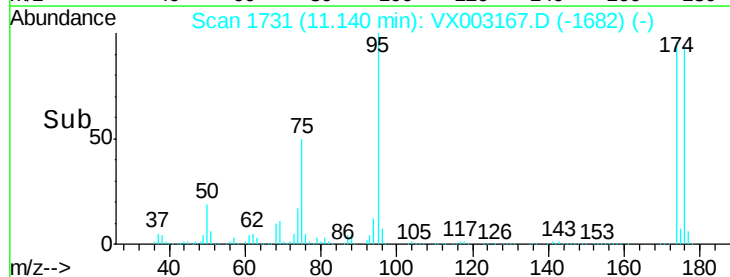
100000

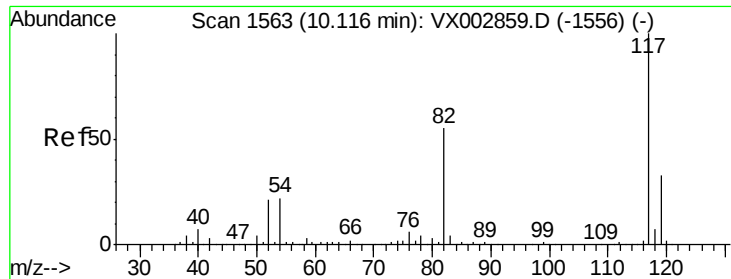
50000

0

Time-->

11.10 11.20

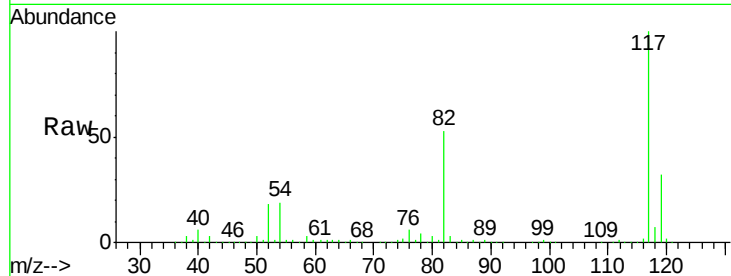




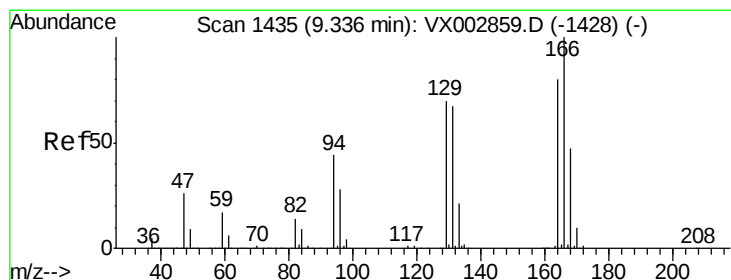
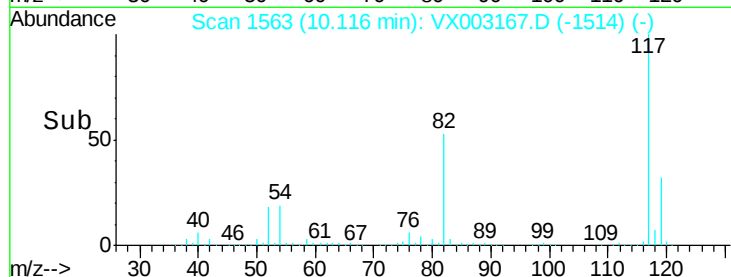
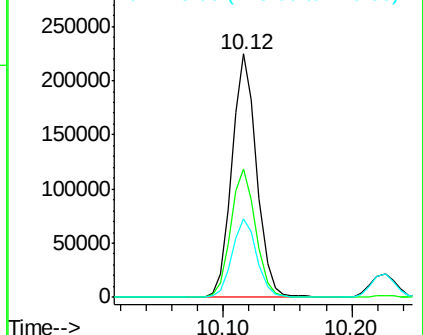
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003167.D
Acq: 05 Jul 2018 12:59

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBS01

Tot Ion:117 Resp: 300928
Ion Ratio Lower Upper
117 100
82 52.6 45.0 67.4
119 32.0 25.8 38.6

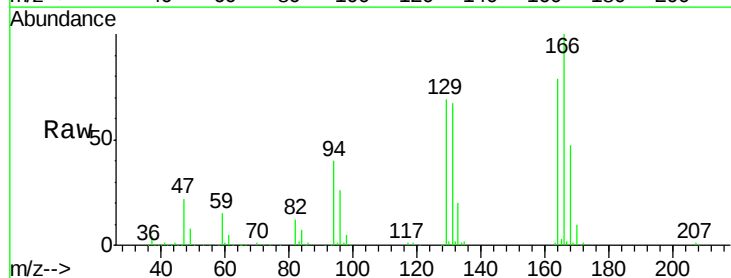


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

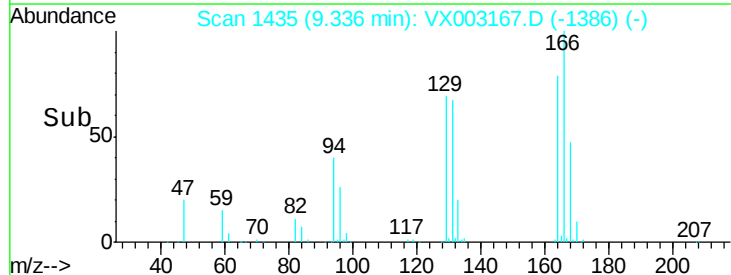
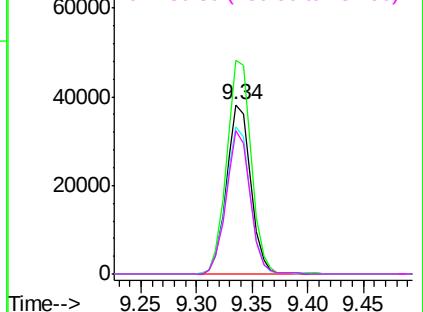


#64
Tetrachloroethene
Concen: 17.13 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003167.D
Acq: 05 Jul 2018 12:59

Tgt Ion:164 Resp: 57315
Ion Ratio Lower Upper
164 100
166 126.1 102.9 154.3
129 86.8 68.6 102.8
131 84.6 66.8 100.2



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





#65

Chlorobenzene

Concen: 16.36 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003167.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_X

ClientSampleId :

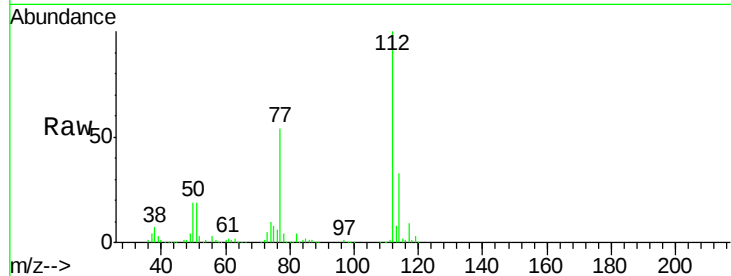
VX0705WBS01

Tot Ion:112 Resp: 125066

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

10.14

80000

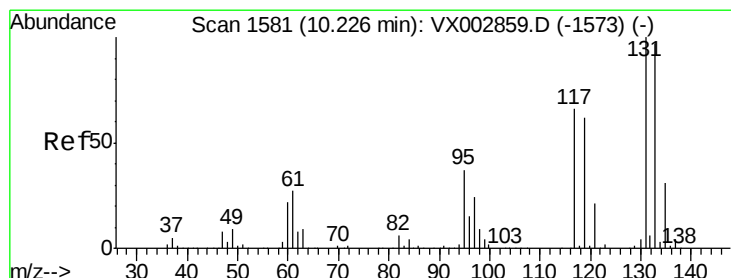
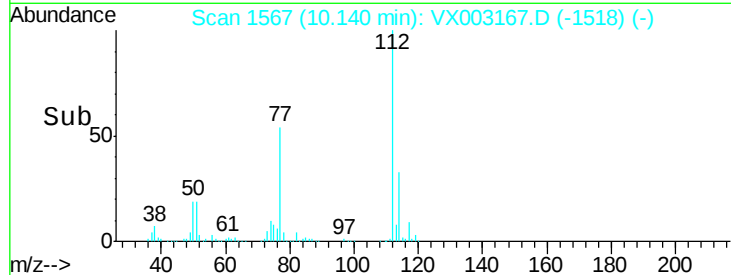
60000

40000

20000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 16.22 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003167.D

Acq: 05 Jul 2018 12:59

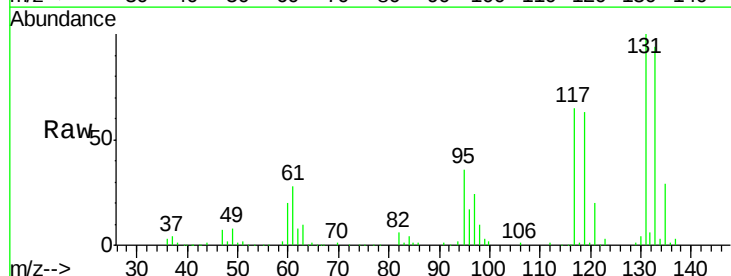
Tgt Ion:131 Resp: 45031

Ion Ratio Lower Upper

131 100

133 98.0 47.9 143.6

119 63.8 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

10.23

40000

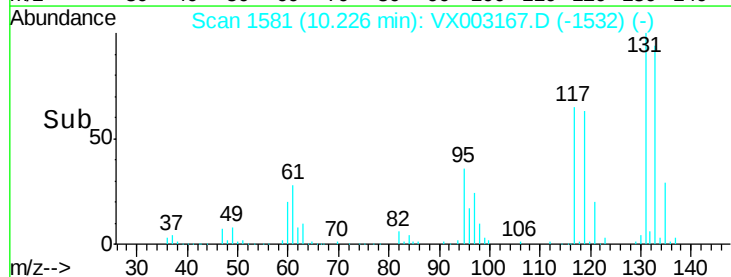
30000

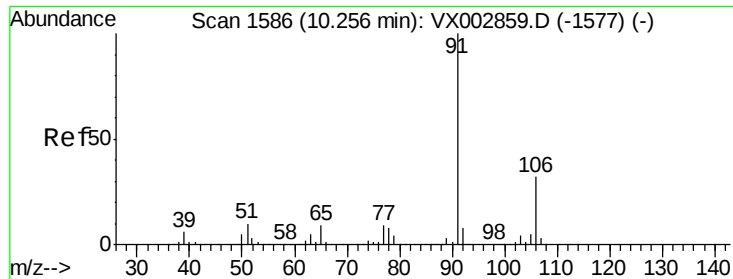
20000

10000

0

Time-->





#67

Ethyl Benzene

Concen: 16.04 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003167.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_X

ClientSampled :

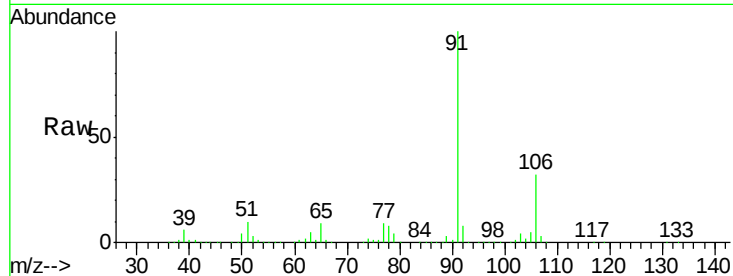
VX0705WBS01

Tot Ion: 91 Resp: 202544

Ion Ratio Lower Upper

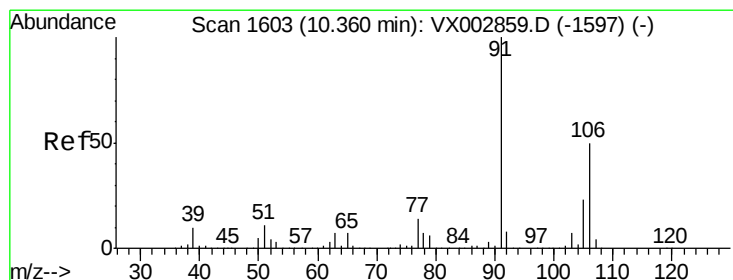
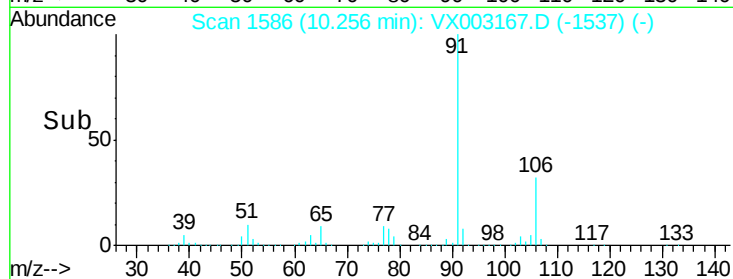
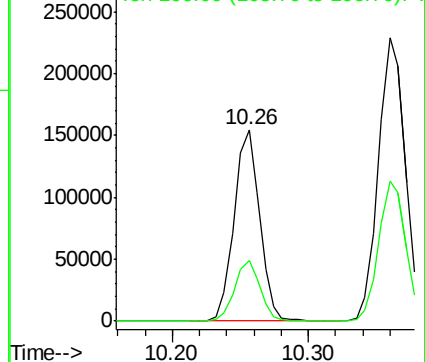
91 100

106 31.7 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: 32.12 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003167.D

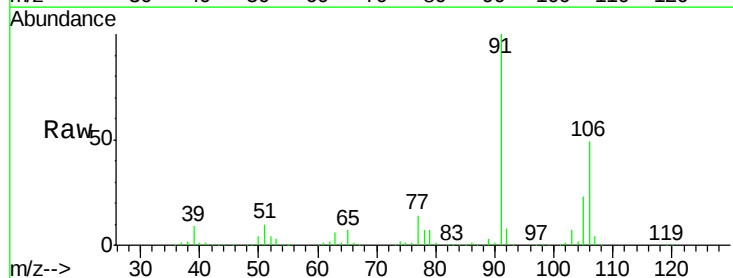
Acq: 05 Jul 2018 12:59

Tgt Ion: 106 Resp: 156301

Ion Ratio Lower Upper

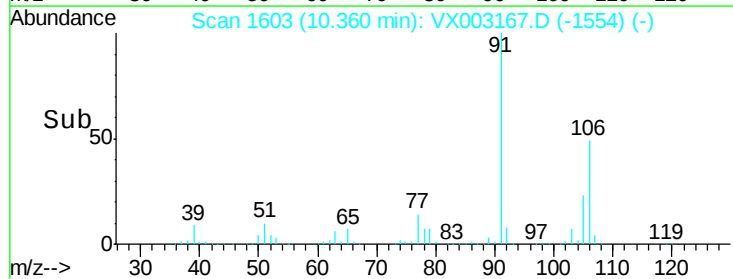
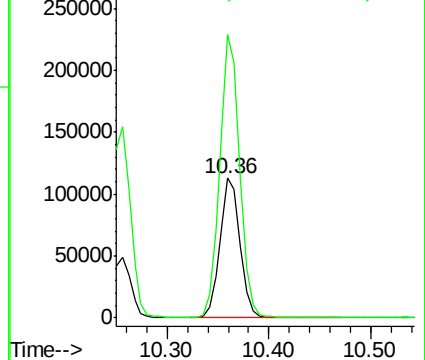
106 100

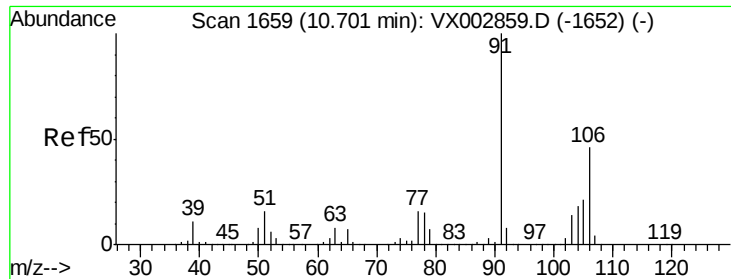
91 200.5 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

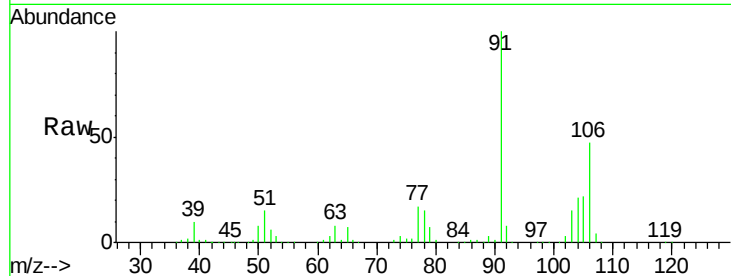




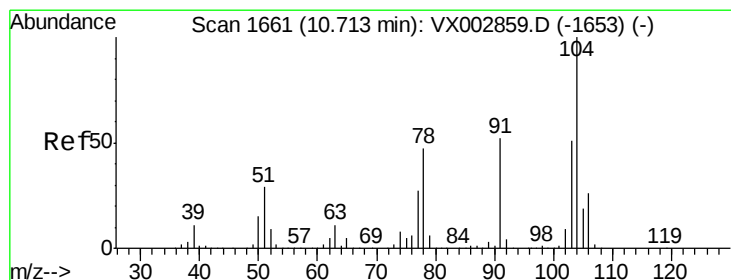
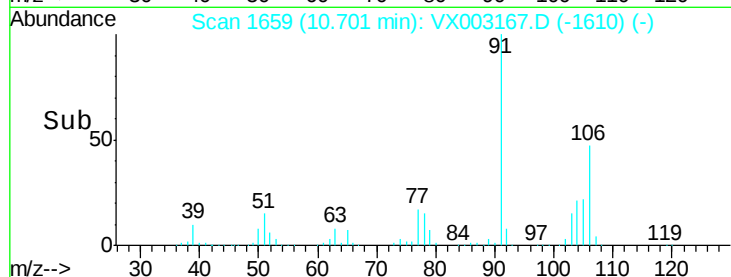
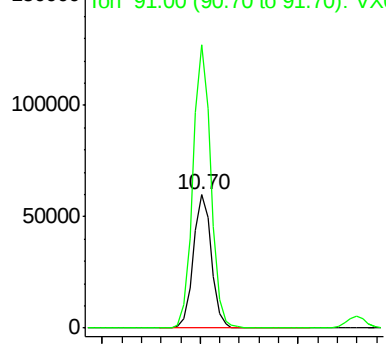
#69
o-Xylene
Concen: 16.20 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003167.D
Acq: 05 Jul 2018 12:59

Instrument :
MSVOA_X
ClientSampled :
VX0705WBS01

Tot Ion:106 Resp: 76738
Ion Ratio Lower Upper
106 100
91 210.1 108.2 324.6

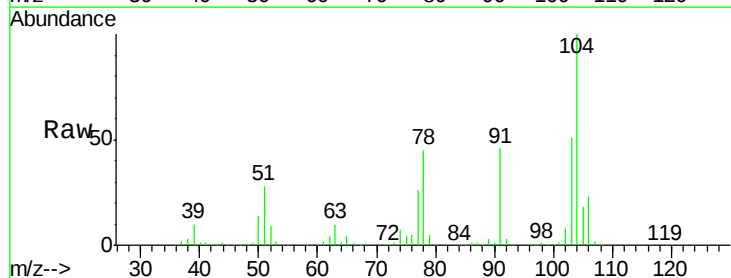


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

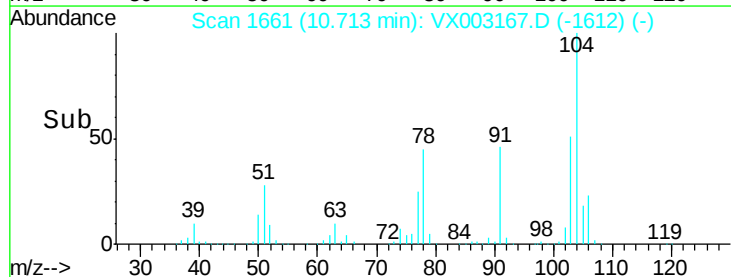
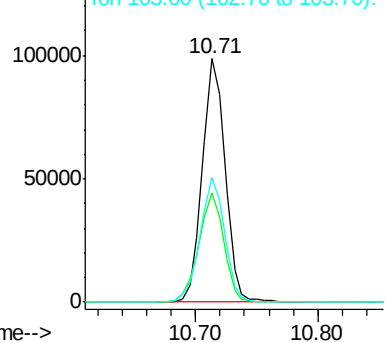


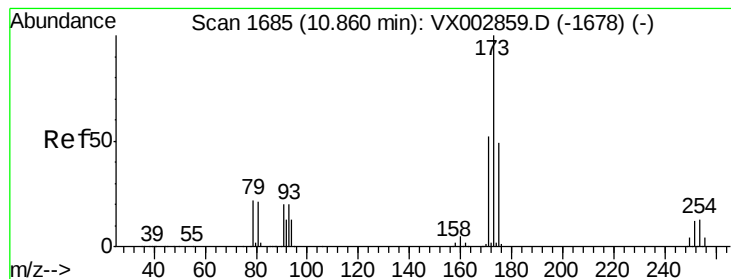
#70
Styrene
Concen: 16.57 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003167.D
Acq: 05 Jul 2018 12:59

Tgt Ion:104 Resp: 127574
Ion Ratio Lower Upper
104 100
78 48.9 41.0 61.6
103 55.2 44.2 66.4



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





#71

Bromoform

Concen: 17.22 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003167.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBS01

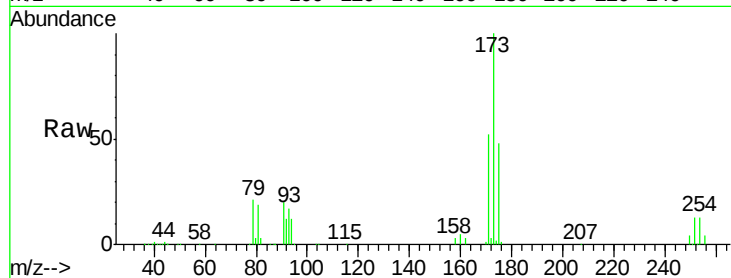
Tot Ion:173 Resp: 36241

Ion Ratio Lower Upper

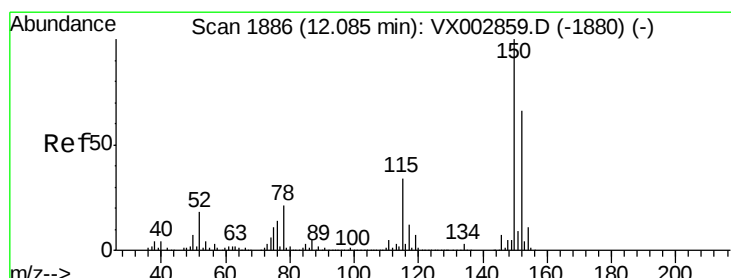
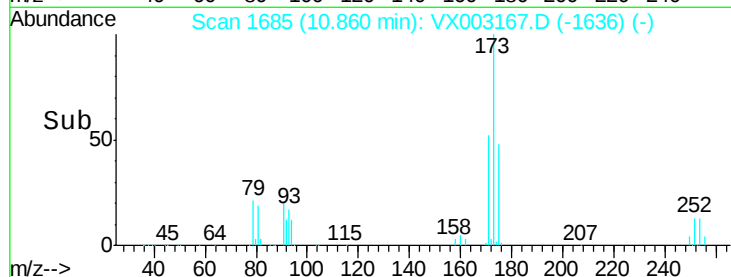
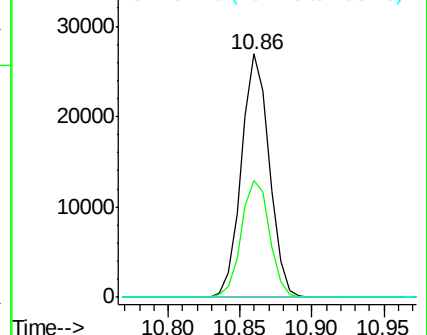
173 100

175 48.6 24.7 74.1

254 0.0 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. -0.01 min

Lab File: VX003167.D

Acq: 05 Jul 2018 12:59

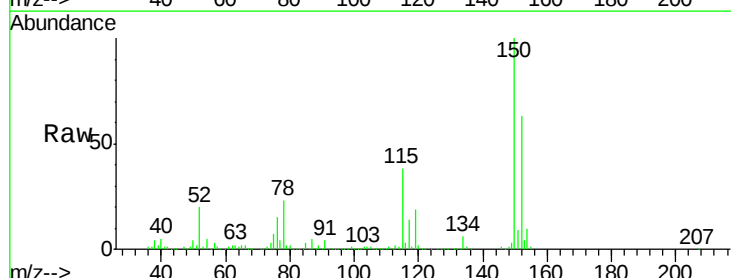
Tgt Ion:152 Resp: 187611

Ion Ratio Lower Upper

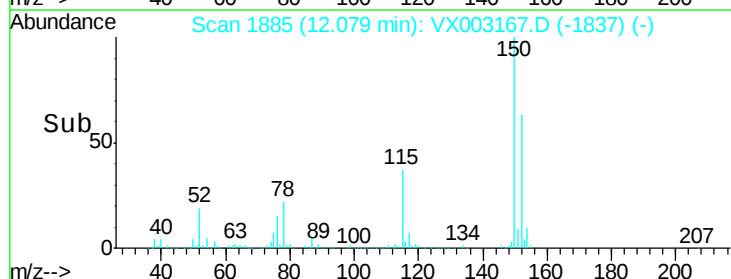
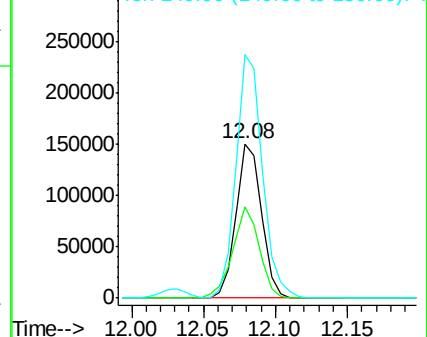
152 100

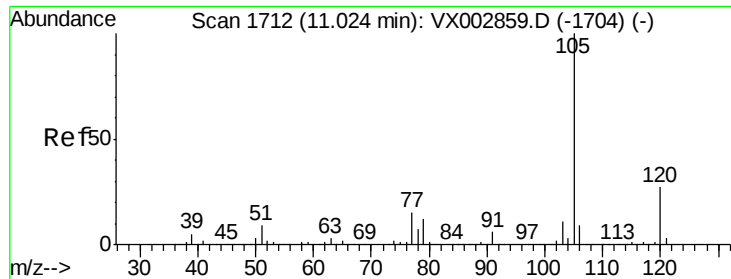
115 62.2 40.1 120.2

150 163.6 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: 16.31 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003167.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_X

ClientSampleId :

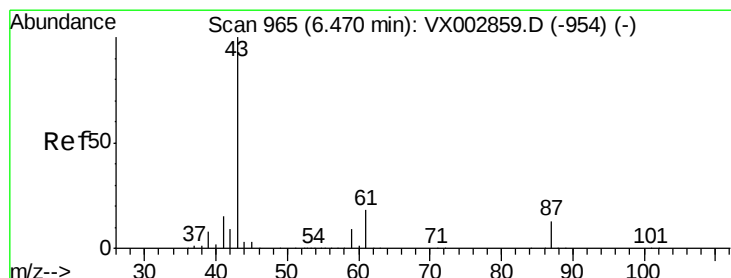
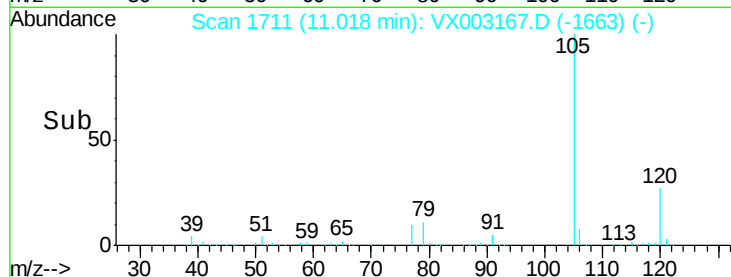
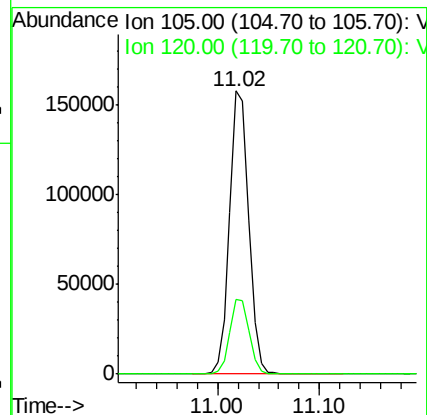
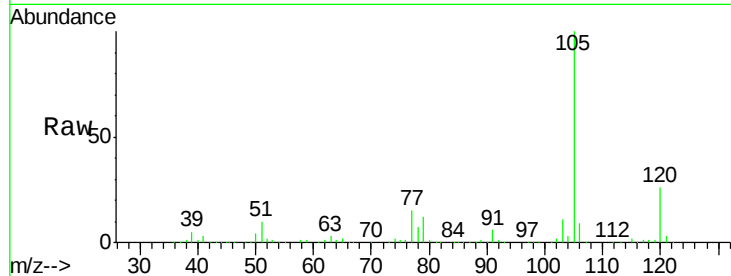
VX0705WBS01

Tot Ion:105 Resp: 205913

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.4



#74

N-ethyl acetate

Concen: 16.94 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003167.D

Acq: 05 Jul 2018 12:59

Tgt Ion: 43 Resp: 104613

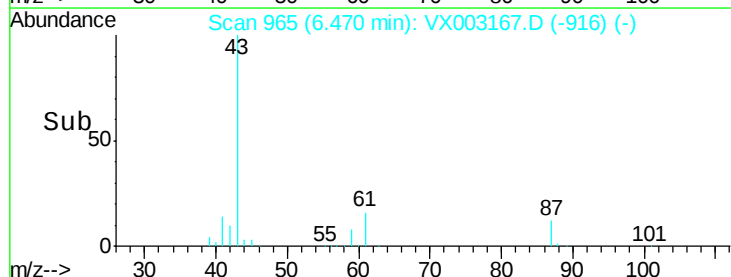
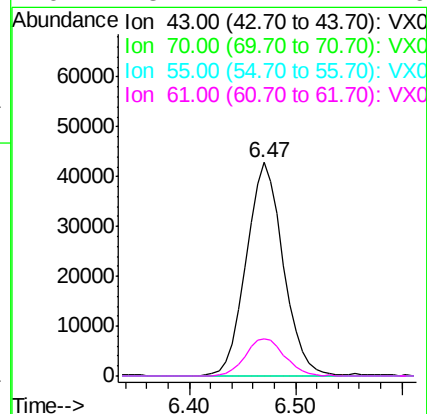
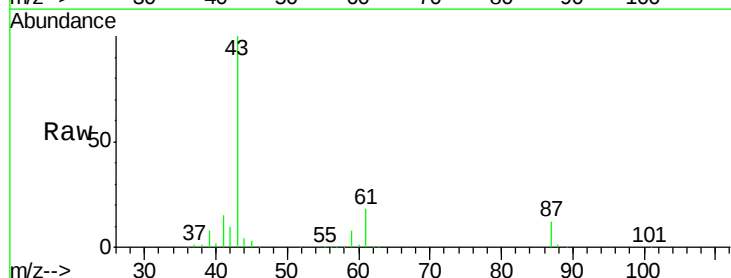
Ion Ratio Lower Upper

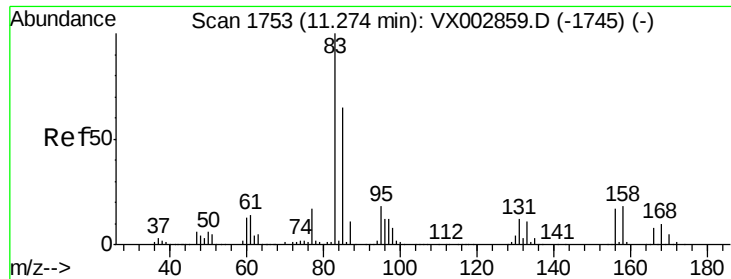
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.7 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 17.47 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX003167.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBS01

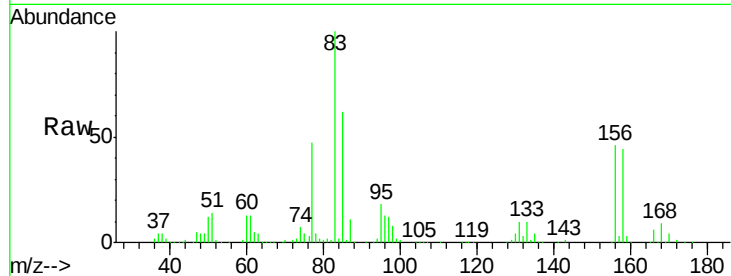
Tot Ion: 83 Resp: 67917

Ion Ratio Lower Upper

83 100

131 11.3 5.6 16.8

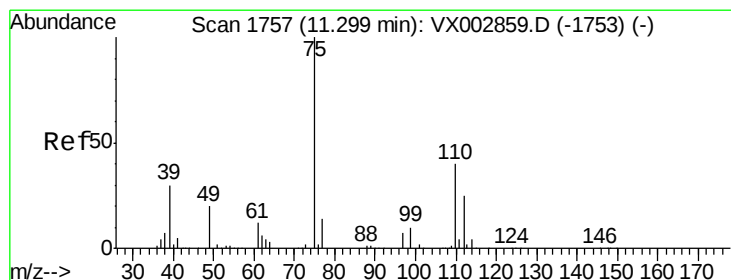
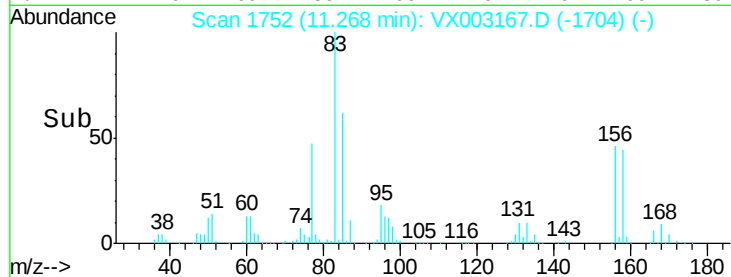
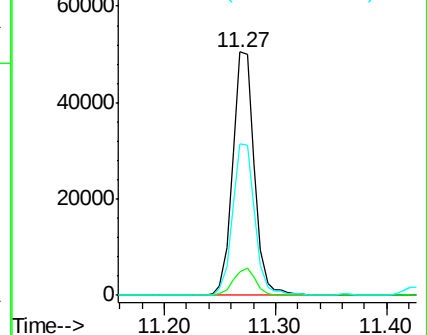
85 63.8 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.89 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003167.D

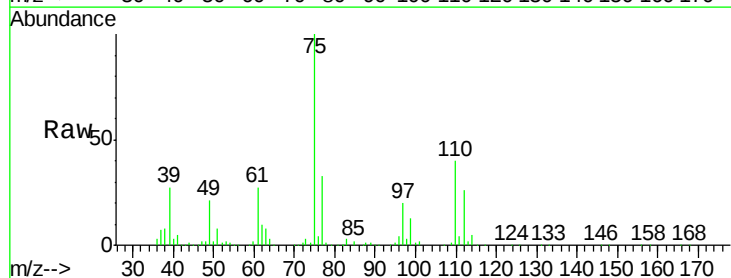
Acq: 05 Jul 2018 12:59

Tgt Ion: 75 Resp: 74378

Ion Ratio Lower Upper

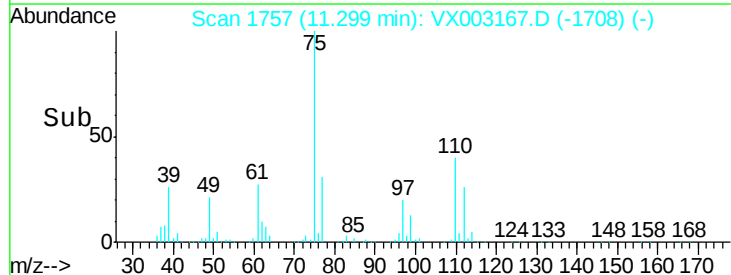
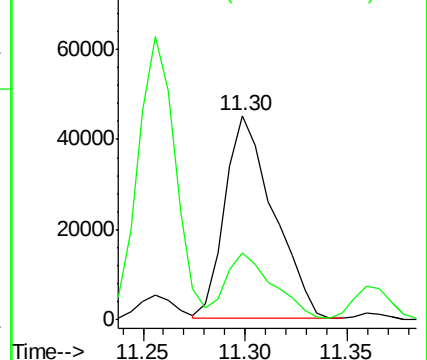
75 100

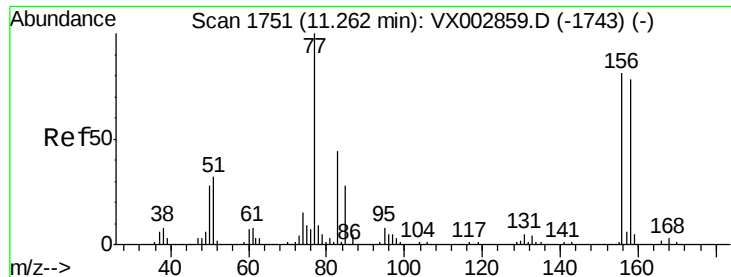
77 32.6 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 16.58 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003167.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBS01

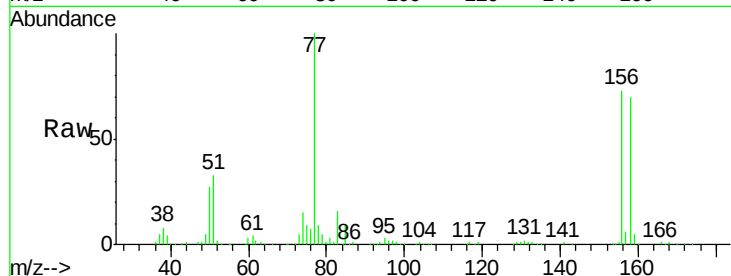
Tot Ion:156 Resp: 59582

Ion Ratio Lower Upper

156 100

77 134.4 71.4 214.2

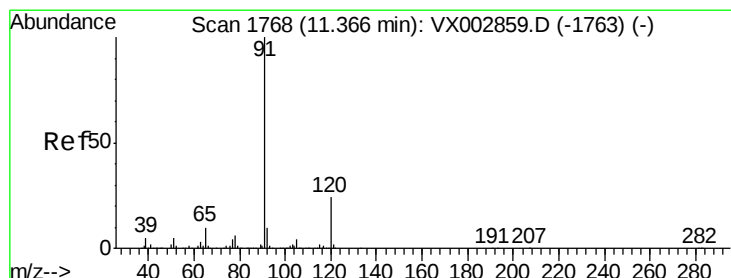
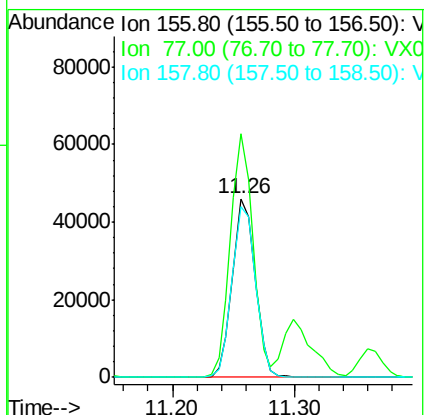
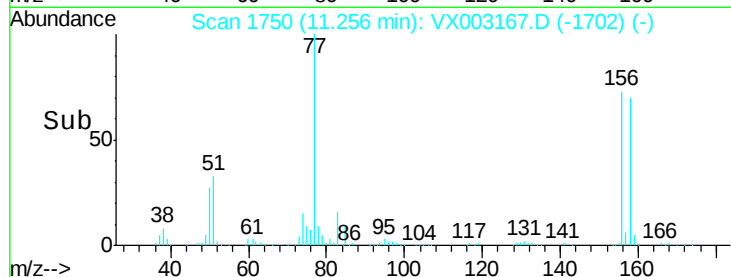
158 98.2 48.9 146.6



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: 16.05 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003167.D

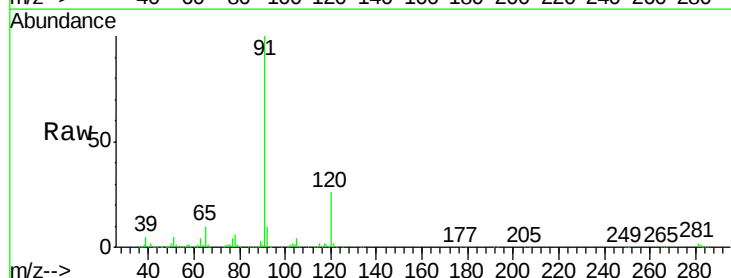
Acq: 05 Jul 2018 12:59

Tgt Ion: 91 Resp: 230584

Ion Ratio Lower Upper

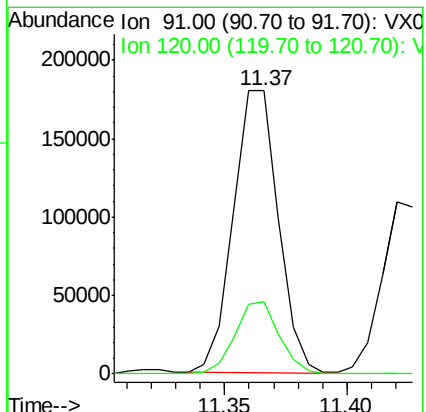
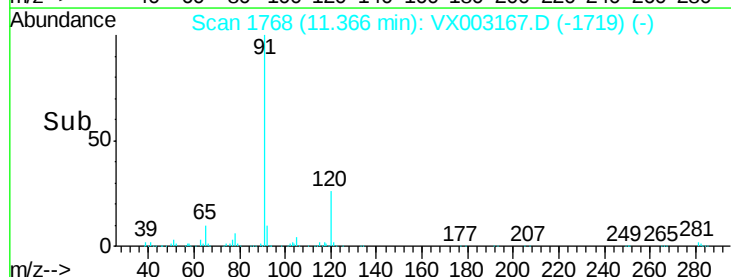
91 100

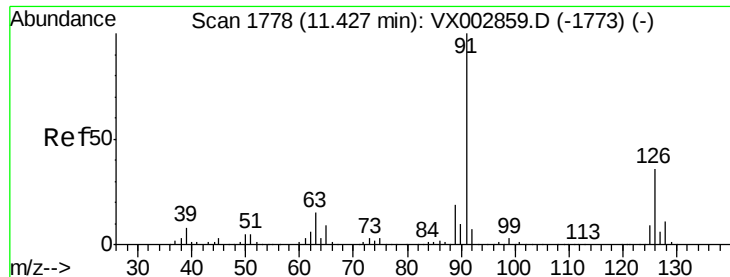
120 25.2 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

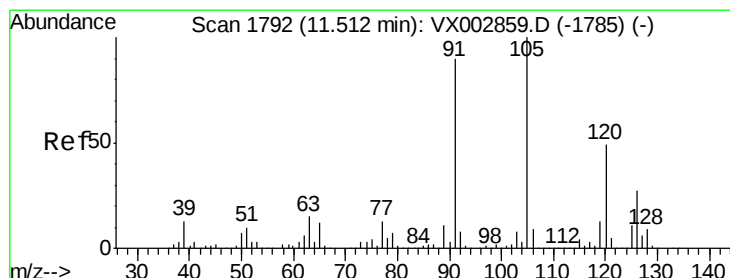
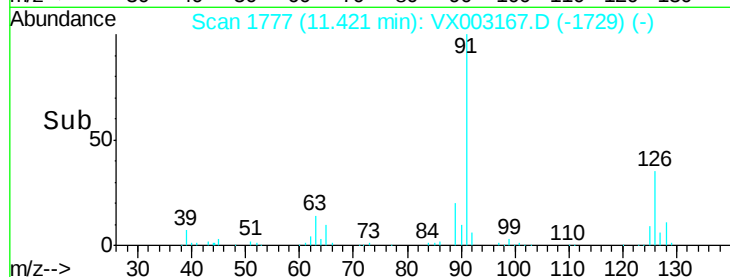
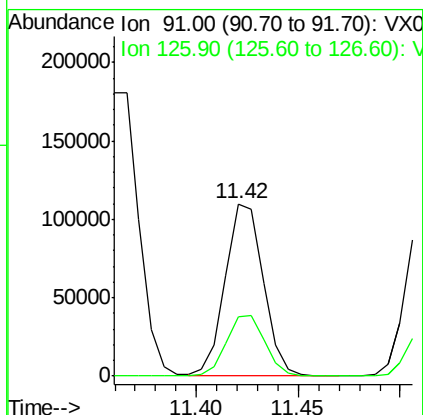
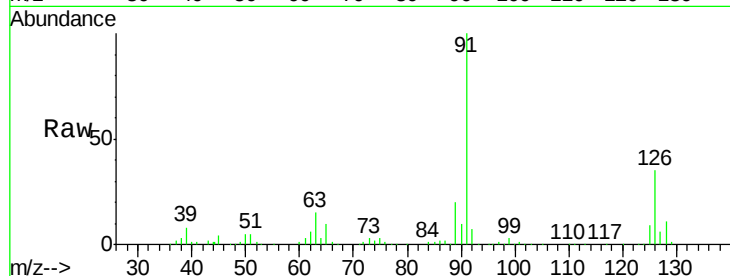




#79
 2-Chlorotoluene
 Concen: 16.23 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: VX003167.D
 Acq: 05 Jul 2018 12:59

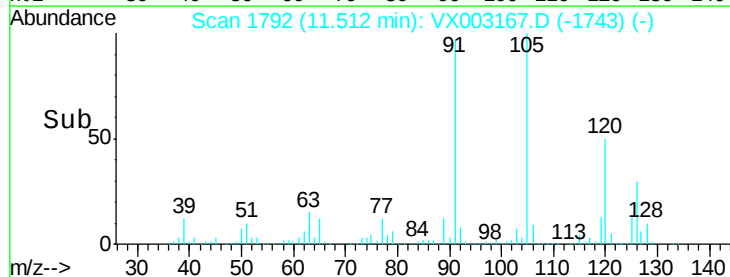
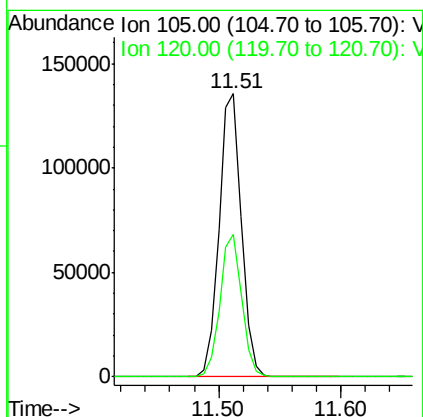
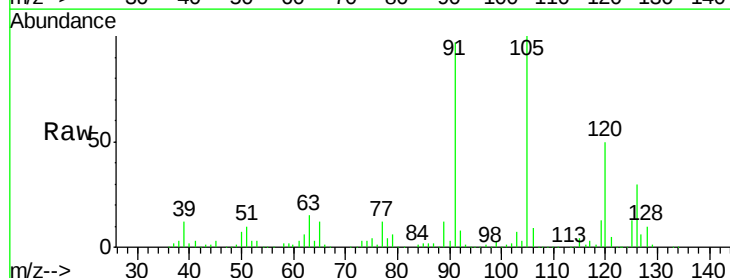
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBS01

Tot Ion: 91 Resp: 141199
 Ion Ratio Lower Upper
 91 100
 126 36.4 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 16.15 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX003167.D
 Acq: 05 Jul 2018 12:59

Tgt Ion: 105 Resp: 171711
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 16.20 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003167.D

Acq: 05 Jul 2018 12:59

Instrument :

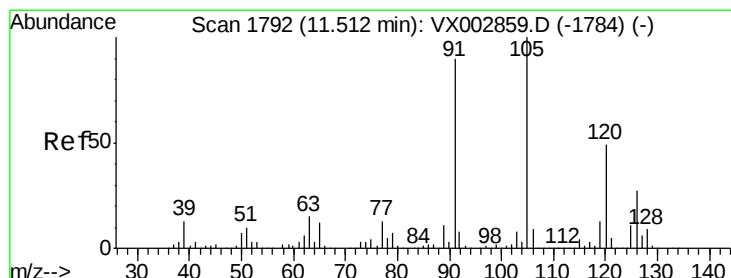
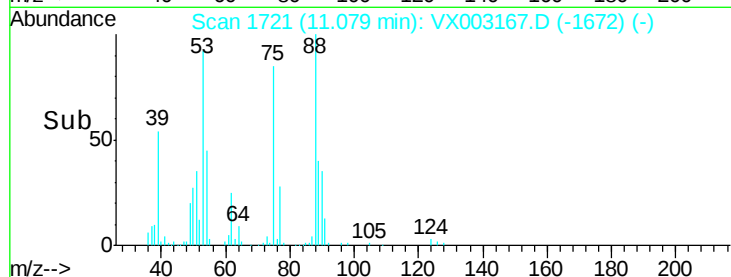
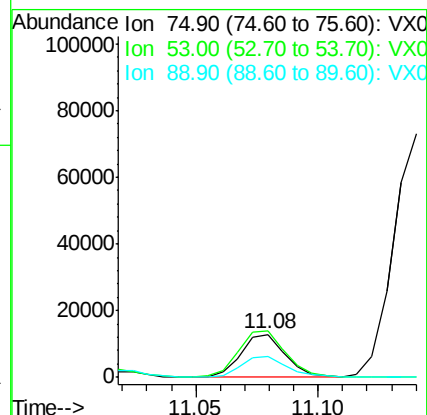
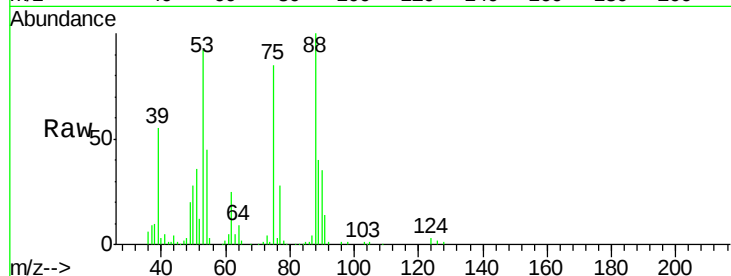
MSVOA_X

ClientSampleId :

VX0705WBS01

Tot Ion: 75 Resp: 16125

Ion	Ratio	Lower	Upper
75	100		
53	114.4	86.8	130.2
89	51.6	38.2	57.2



#82

4-Chlorotoluene

Concen: 15.87 ug/l

RT: 11.51 min Scan# 1792

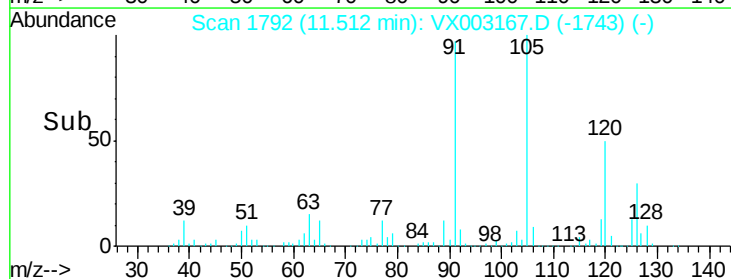
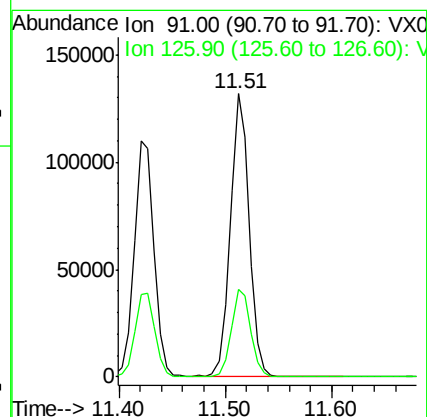
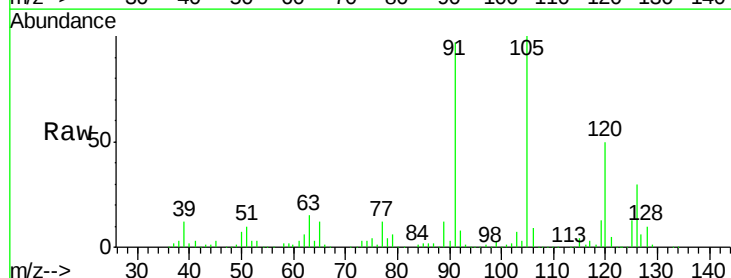
Delta R.T. 0.00 min

Lab File: VX003167.D

Acq: 05 Jul 2018 12:59

Tgt Ion: 91 Resp: 163421

Ion	Ratio	Lower	Upper
91	100		
126	32.0	15.4	46.4

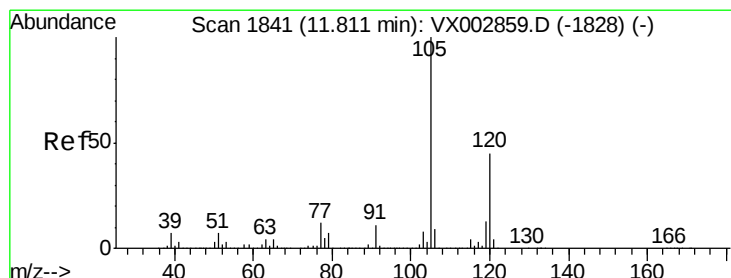
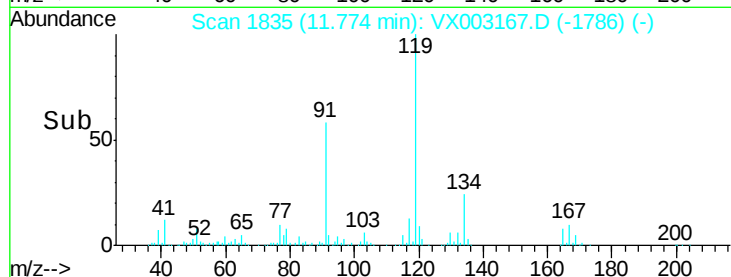
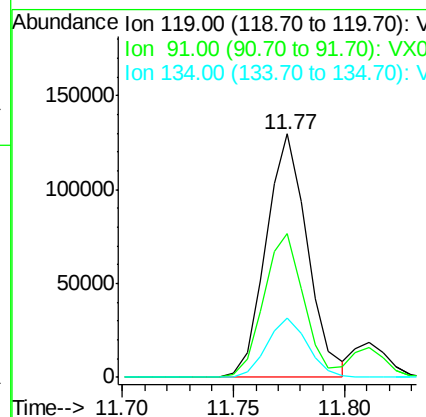
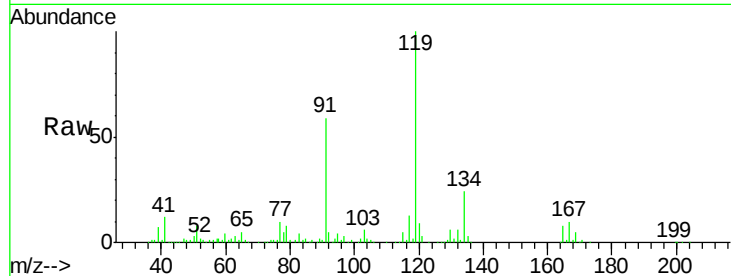




#83
 tert-Butylbenzene
 Concen: 15.94 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003167.D
 Acq: 05 Jul 2018 12:59

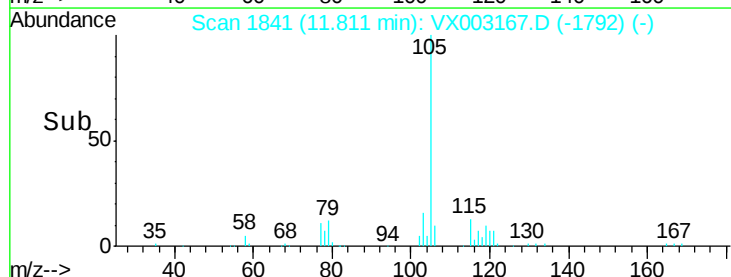
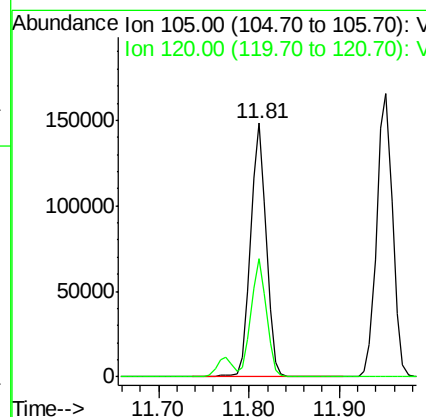
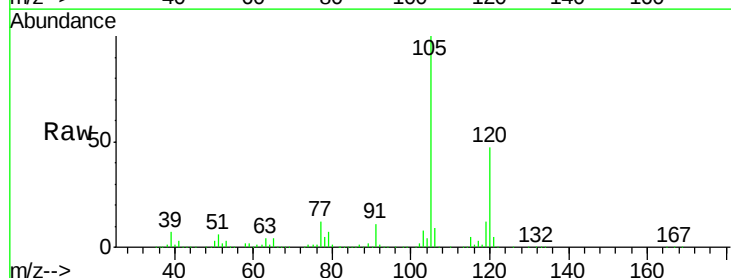
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBS01

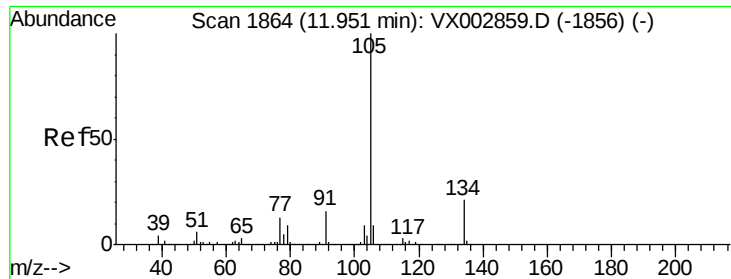
Tot Ion:119 Resp: 166949
 Ion Ratio Lower Upper
 119 100
 91 56.8 30.3 90.9
 134 24.0 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 16.12 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003167.D
 Acq: 05 Jul 2018 12:59

Tgt Ion:105 Resp: 177504
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.3 66.8





#85

sec-Butylbenzene

Concen: 15.88 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003167.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_X

ClientSampleId :

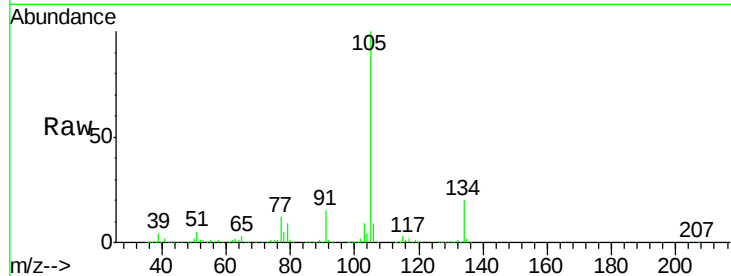
VX0705WBS01

Tot Ion:105 Resp: 201793

Ion Ratio Lower Upper

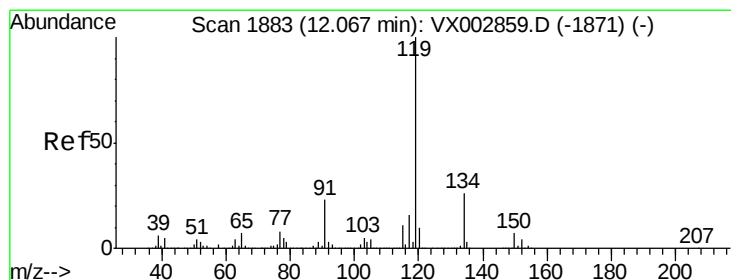
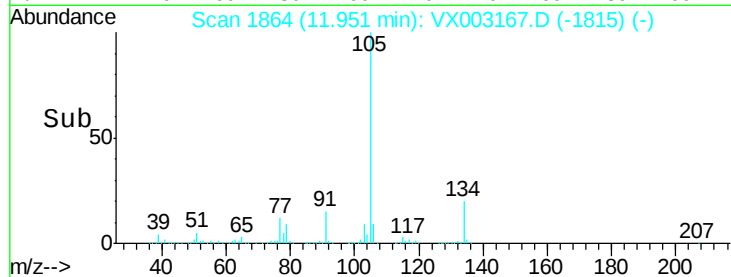
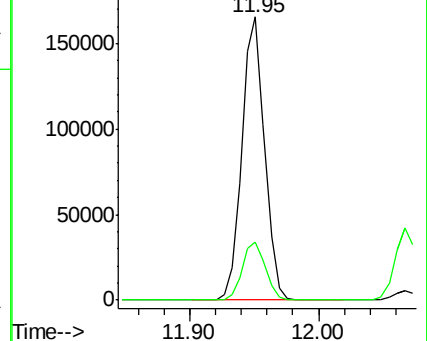
105 100

134 20.9 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: 15.85 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003167.D

Acq: 05 Jul 2018 12:59

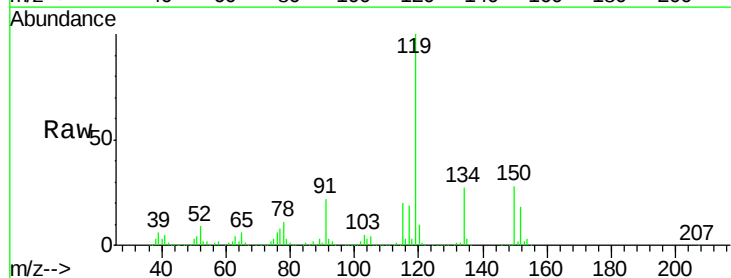
Tgt Ion:119 Resp: 181101

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

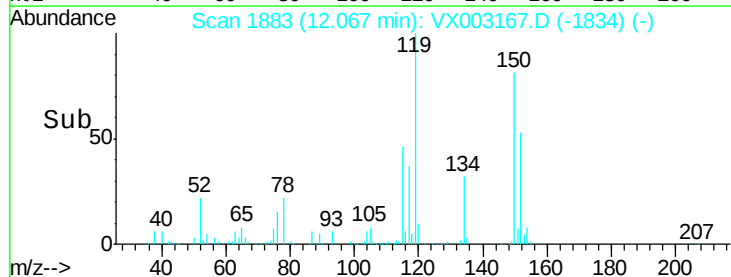
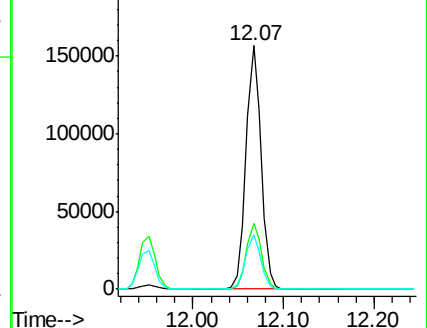
91 22.6 11.9 35.7



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: 16.18 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003167.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBS01

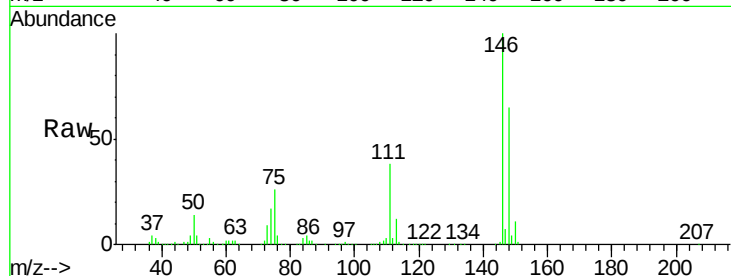
Tot Ion:146 Resp: 106243

Ion Ratio Lower Upper

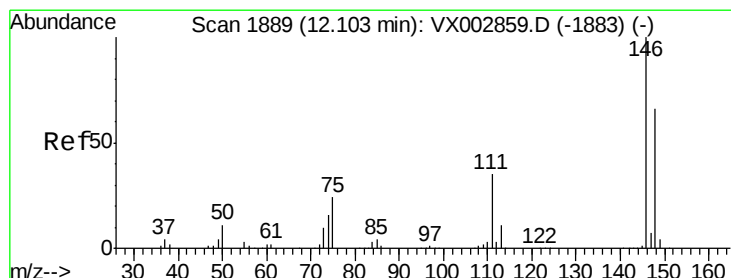
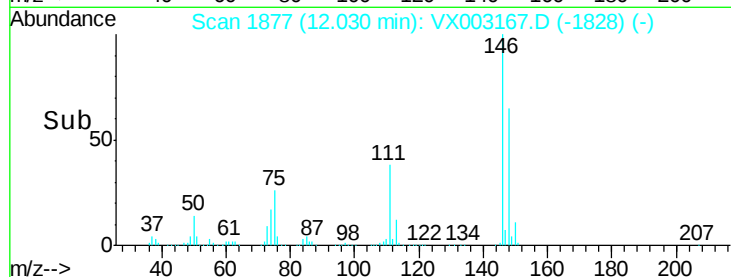
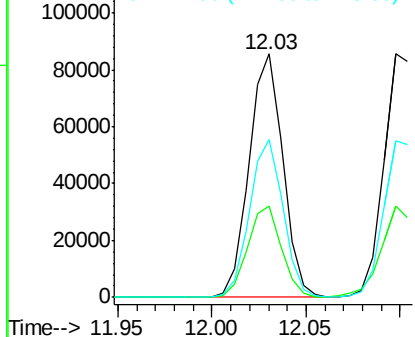
146 100

111 37.6 18.9 56.7

148 64.6 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: 16.11 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VX003167.D

Acq: 05 Jul 2018 12:59

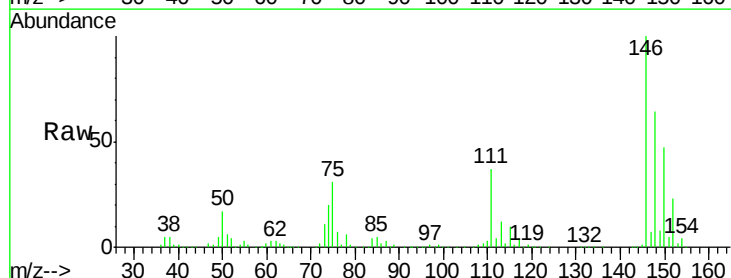
Tgt Ion:146 Resp: 108816

Ion Ratio Lower Upper

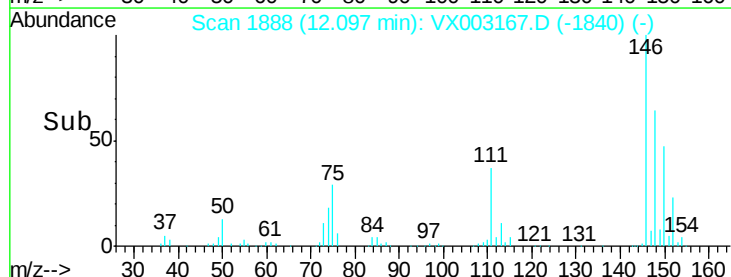
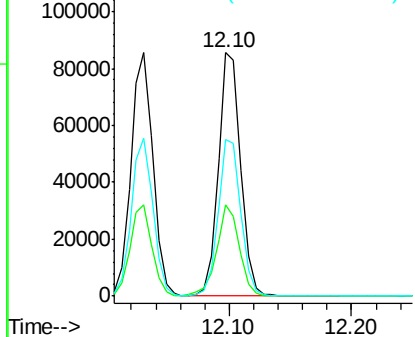
146 100

111 37.6 18.7 56.1

148 65.3 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: 14.98 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003167.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_X

ClientSampled :

VX0705WBS01

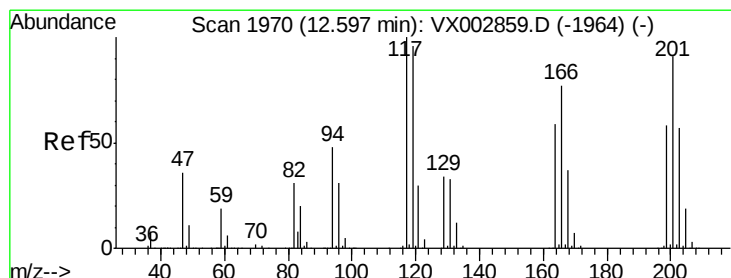
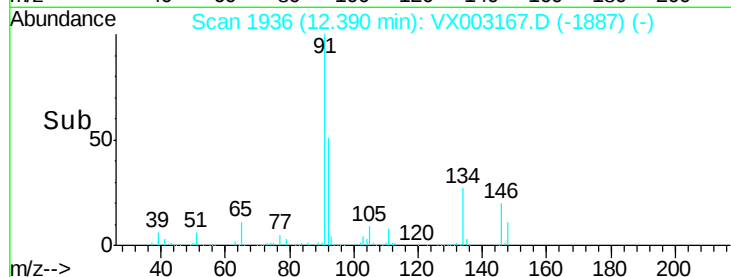
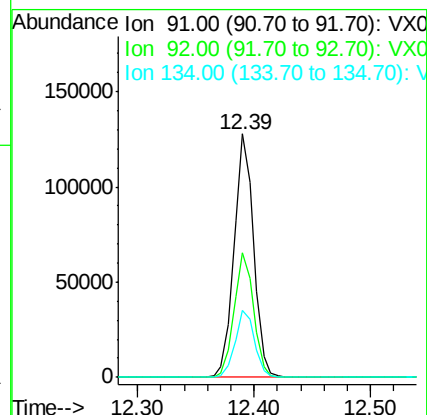
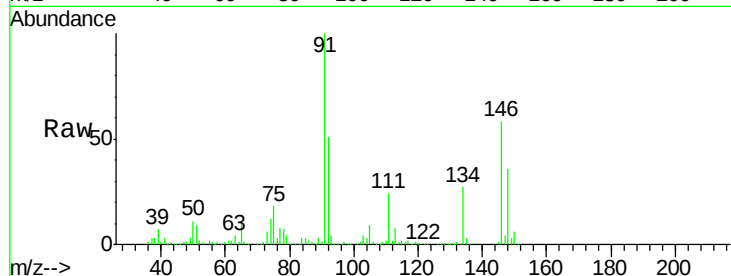
Tot Ion: 91 Resp: 148957

Ion Ratio Lower Upper

91 100

92 51.0 26.0 78.0

134 27.4 13.5 40.5



#90

Hexachloroethane

Concen: 14.77 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003167.D

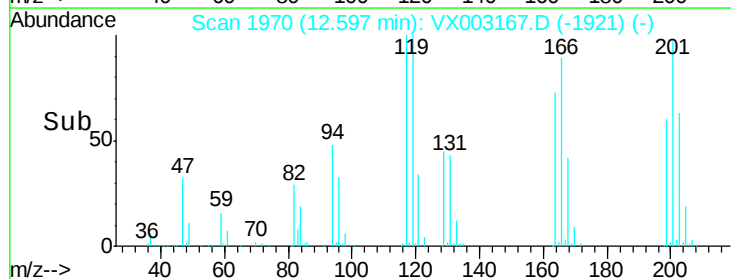
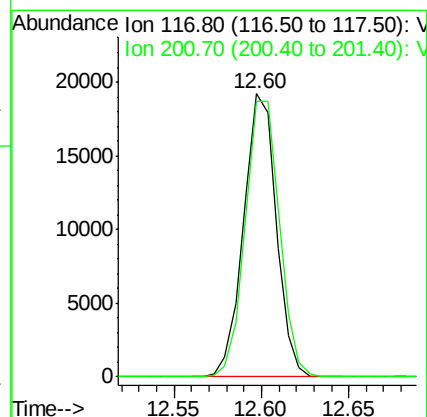
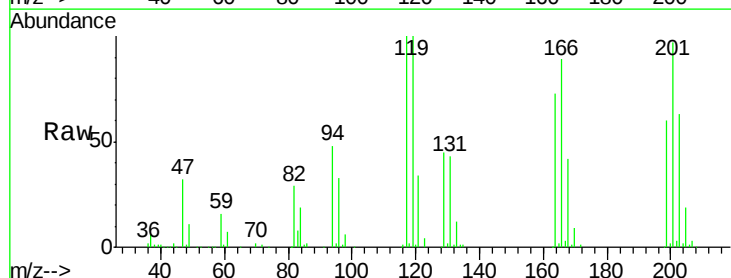
Acq: 05 Jul 2018 12:59

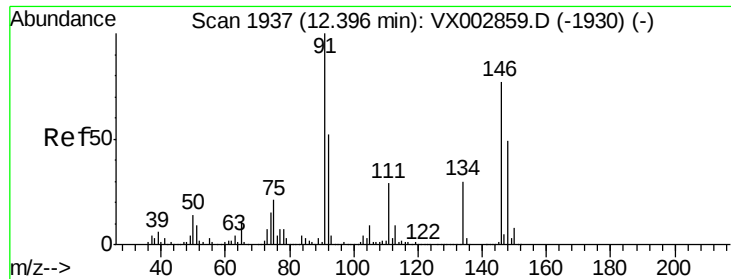
Tgt Ion: 117 Resp: 25099

Ion Ratio Lower Upper

117 100

201 102.1 49.0 147.0

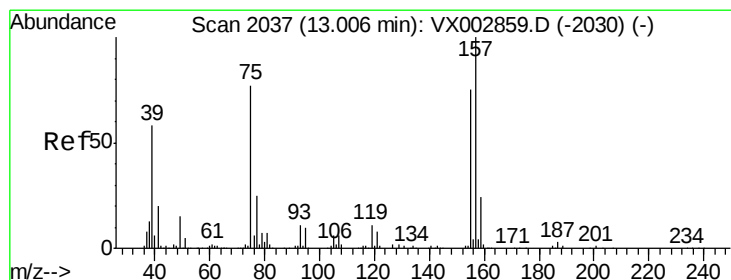
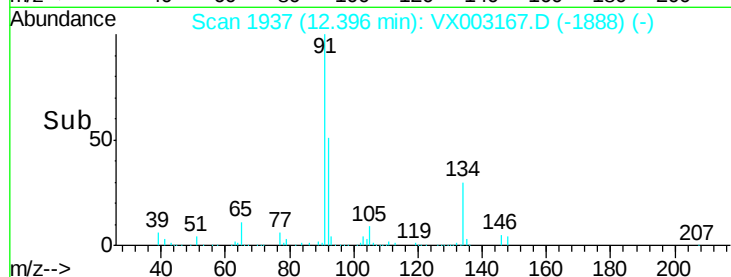
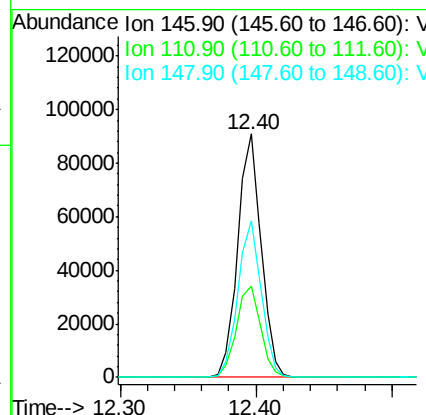
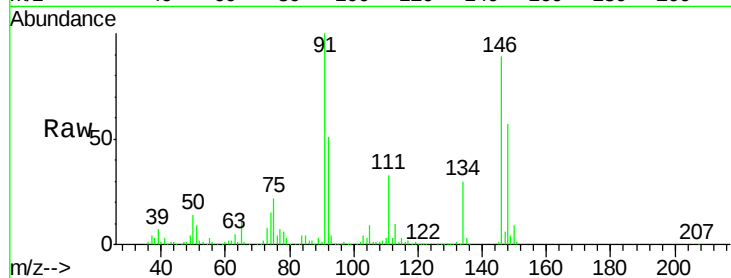




#91
 1,2-Dichlorobenzene
 Concen: 16.43 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003167.D
 Acq: 05 Jul 2018 12:59

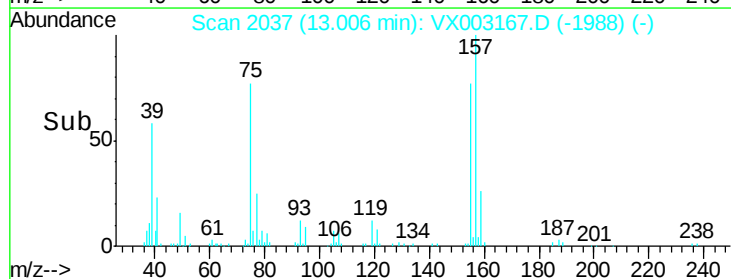
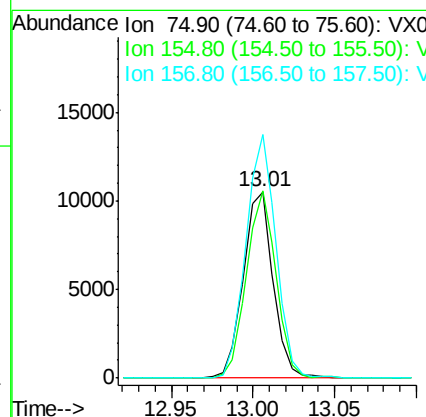
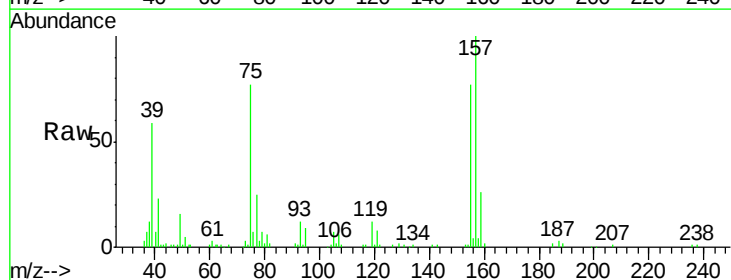
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBS01

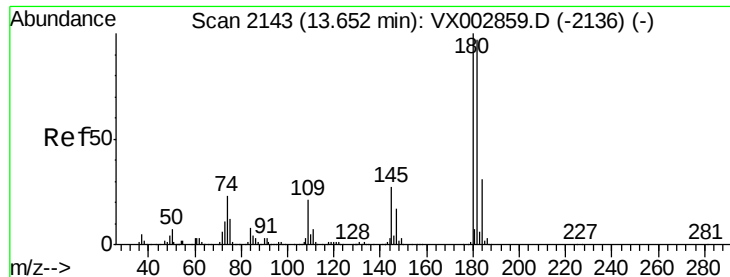
Tot Ion:146 Resp: 108826
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.4 58.1
 148 64.3 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.33 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003167.D
 Acq: 05 Jul 2018 12:59

Tgt Ion: 75 Resp: 13397
 Ion Ratio Lower Upper
 75 100
 155 99.9 45.8 137.4
 157 131.5 60.1 180.3

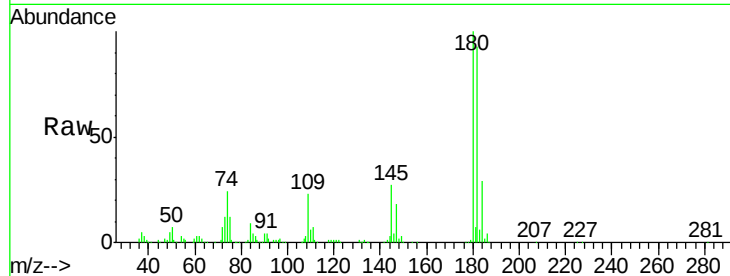




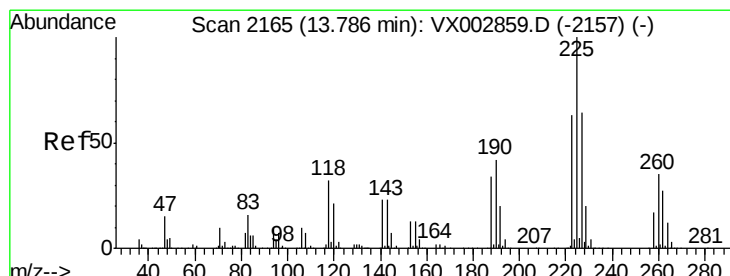
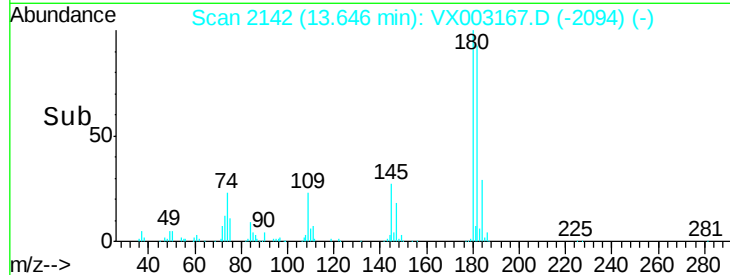
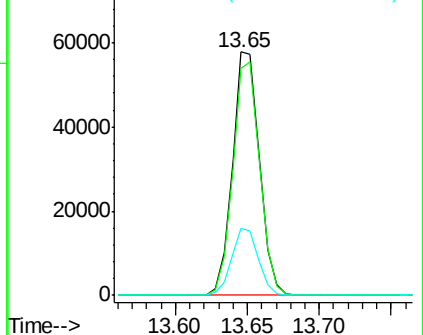
#93
 1,2,4-Trichlorobenzene
 Concen: 15.76 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: VX003167.D
 Acq: 05 Jul 2018 12:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBS01

Tot Ion:180 Resp: 75978
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.7 143.1
 145 27.3 14.1 42.4

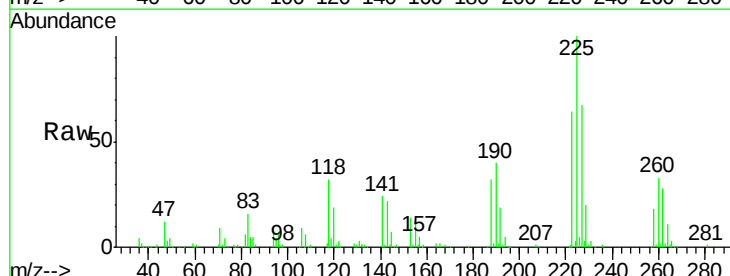


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

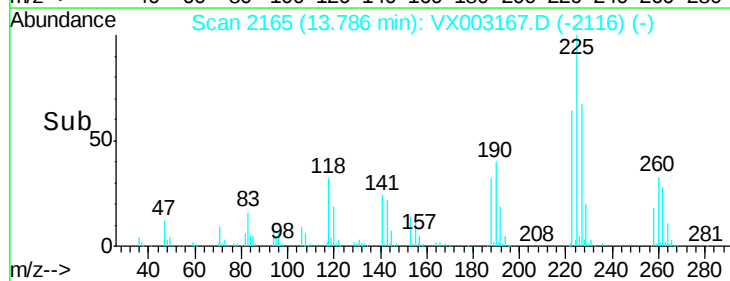
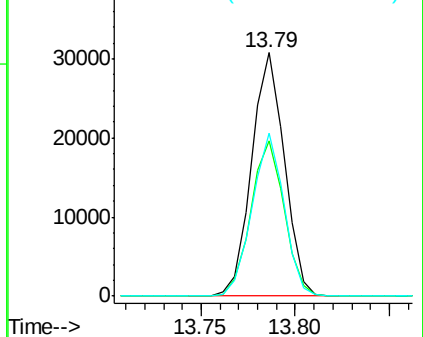


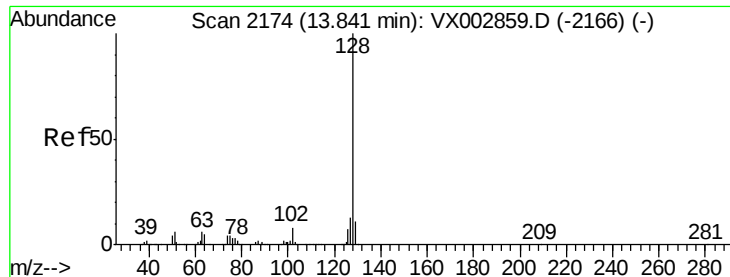
#94
 Hexachlorobutadiene
 Concen: 15.43 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003167.D
 Acq: 05 Jul 2018 12:59

Tgt Ion:225 Resp: 37106
 Ion Ratio Lower Upper
 225 100
 223 64.7 31.6 95.0
 227 65.2 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: 16.48 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX003167.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBS01

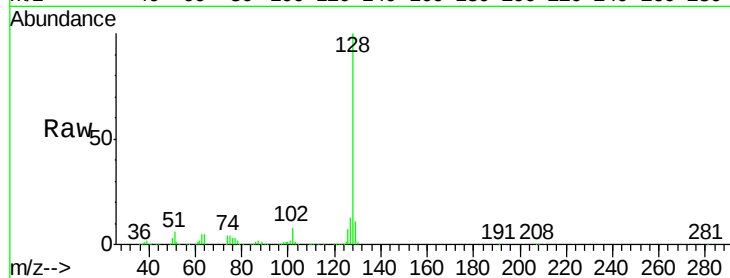
Tot Ion:128 Resp: 211700

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

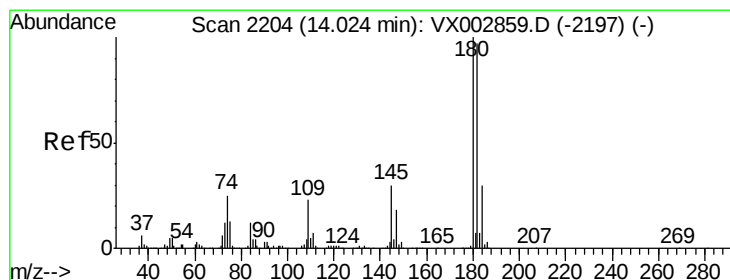
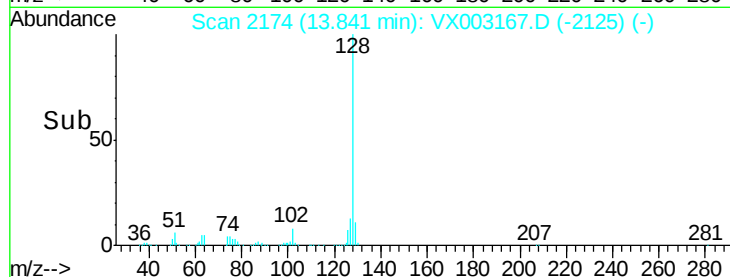
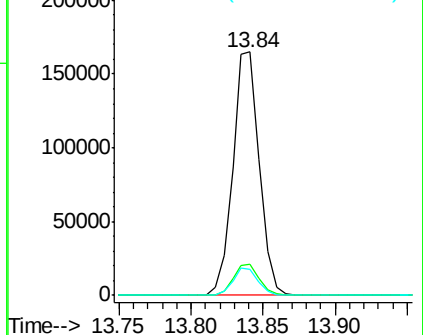
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.38 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003167.D

Acq: 05 Jul 2018 12:59

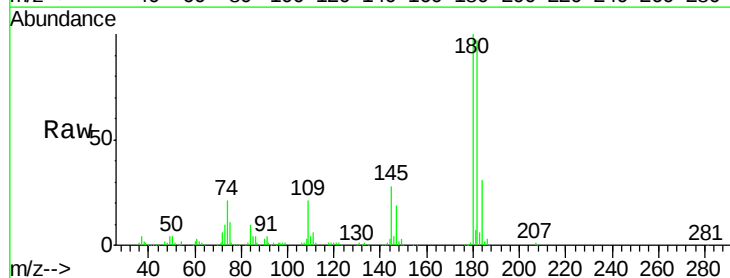
Tgt Ion:180 Resp: 83724

Ion Ratio Lower Upper

180 100

182 96.5 48.0 144.0

145 29.2 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

