

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100118\
 Data File : VX004861.D
 Acq On : 01 Oct 2018 11:00
 Operator : JC/MD
 Sample : VX1001WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBS01

Quant Time: Oct 02 02:36:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	251341	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	358934	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	345084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	211916	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	163656	45.58	ug/l	0.00
Spiked Amount			Recovery	=	91.16%	
35) Dibromofluoromethane	5.50	113	133537	43.90	ug/l	0.00
Spiked Amount			Recovery	=	87.80%	
50) Toluene-d8	8.71	98	512085	50.64	ug/l	0.00
Spiked Amount			Recovery	=	101.28%	
62) 4-Bromofluorobenzene	11.14	95	188169	51.65	ug/l	0.00
Spiked Amount			Recovery	=	103.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	73996	21.592	ug/l	96
3) Chloromethane	1.32	50	78295	18.831	ug/l	98
4) Vinyl Chloride	1.40	62	76643	19.654	ug/l	99
5) Bromomethane	1.64	94	46514	20.115	ug/l	99
6) Chloroethane	1.72	64	45615	20.071	ug/l	96
7) Trichlorofluoromethane	1.93	101	99118	20.532	ug/l	92
8) Diethyl Ether	2.19	74	39146	18.665	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.38	101	58122	21.136	ug/l	99
10) Methyl Iodide	2.51	142	43167	11.731	ug/l	99
11) Tert butyl alcohol	3.06	59	98518	98.134	ug/l	100
12) 1,1-Dichloroethene	2.37	96	52638	19.328	ug/l	95
13) Acrolein	2.29	56	44701	62.582	ug/l	95
14) Allyl chloride	2.73	41	117318	19.743	ug/l	95
15) Acrylonitrile	3.15	53	207703	93.984	ug/l	98
16) Acetone	2.45	43	207832	99.149	ug/l	96
17) Carbon Disulfide	2.57	76	151538	18.518	ug/l	99
18) Methyl Acetate	2.78	43	108460	20.422	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	189026	20.122	ug/l	97
20) Methylene Chloride	2.85	84	60847	19.452	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	56964	19.108	ug/l	96
22) Diisopropyl ether	3.87	45	196614	19.650	ug/l	91
23) Vinyl Acetate	3.82	43	917483	100.171	ug/l #	94
24) 1,1-Dichloroethane	3.70	63	111989	18.763	ug/l	99
25) 2-Butanone	4.70	43	285443	92.383	ug/l	94
26) 2,2-Dichloropropane	4.58	77	85010	20.453	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	60258	18.093	ug/l	92
28) Bromochloromethane	5.01	49	51314	18.256	ug/l	90
29) Tetrahydrofuran	5.15	42	178866	93.139	ug/l	92
30) Chloroform	5.21	83	103789	18.399	ug/l	98
31) Cyclohexane	5.57	56	93376	20.440	ug/l	88
32) 1,1,1-Trichloroethane	5.49	97	89080	19.336	ug/l	99
36) 1,1-Dichloropropene	5.79	75	76046	18.322	ug/l	99
37) Ethyl Acetate	4.85	43	98581	17.894	ug/l	98
38) Carbon Tetrachloride	5.78	117	78251	17.936	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	91447	21.578	ug/l	92
40) Benzene	6.14	78	234065	18.014	ug/l	100
41) Methacrylonitrile	5.06	41	55487	18.161	ug/l	95
42) 1,2-Dichloroethane	6.20	62	82679	17.999	ug/l	98
43) Isopropyl Acetate	6.46	43	142728	17.949	ug/l	96
44) Trichloroethene	7.21	130	62797	19.659	ug/l	94
45) 1,2-Dichloropropane	7.51	63	64090	20.113	ug/l	99
46) Dibromomethane	7.66	93	40111	20.030	ug/l	97
47) Bromodichloromethane	7.90	83	76521	20.409	ug/l	97
48) Methyl methacrylate	7.77	41	74857	20.740	ug/l	94
49) 1,4-Dioxane	7.75	88	35172	392.251	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	519328	103.724	ug/l	93
52) Toluene	8.79	92	145583	20.390	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	84302	19.897	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	92721	20.893	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	60214	19.253	ug/l	95
56) Ethyl methacrylate	9.18	69	88390	19.282	ug/l	94
57) 1,3-Dichloropropane	9.37	76	101201	19.442	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	250394	101.867	ug/l	94
59) 2-Hexanone	9.49	43	414556	99.359	ug/l	92
60) Dibromochloromethane	9.59	129	60732	19.417	ug/l	98
61) 1,2-Dibromoethane	9.67	107	61674	18.414	ug/l	99
64) Tetrachloroethene	9.34	164	62842	18.503	ug/l	98
65) Chlorobenzene	10.14	112	163869	18.519	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	57633	18.526	ug/l	99
67) Ethyl Benzene	10.26	91	270666	19.266	ug/l	96
68) m/p-Xylenes	10.36	106	215615	39.275	ug/l	95
69) o-Xylene	10.70	106	101748	20.178	ug/l	98
70) Styrene	10.71	104	169348	19.329	ug/l	97
71) Bromoform	10.86	173	48344	18.152	ug/l	98
73) Isopropylbenzene	11.02	105	277591	20.782	ug/l	99
74) N-amyl acetate	10.90	43	126371	18.359	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	98226	18.065	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	110871	23.342	ug/l	88
77) Bromobenzene	11.26	156	74643	19.239	ug/l	98
78) n-propylbenzene	11.36	91	321433	20.973	ug/l	99
79) 2-Chlorotoluene	11.42	91	192782	20.180	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	236502	19.196	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	27239	17.007	ug/l	99
82) 4-Chlorotoluene	11.51	91	227558	20.238	ug/l	100
83) tert-Butylbenzene	11.77	119	229638	20.881	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	243787	19.187	ug/l	98
85) sec-Butylbenzene	11.94	105	281501	21.015	ug/l	99
86) p-Isopropyltoluene	12.07	119	256377	21.125	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	138871	19.169	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	142965	19.117	ug/l	99
89) n-Butylbenzene	12.39	91	224350	20.355	ug/l	98
90) Hexachloroethane	12.60	117	38166	18.888	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	138623	18.310	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21848	18.300	ug/l	95

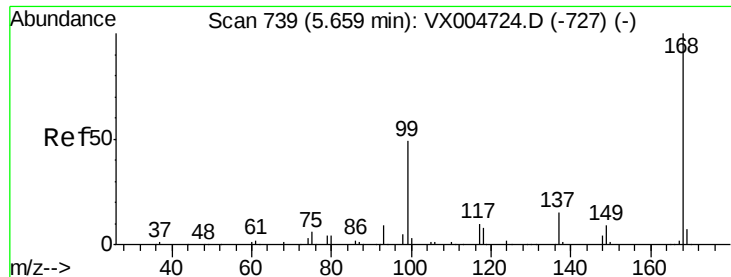
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100118\
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QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	102251	19.253	ug/l	100
94) Hexachlorobutadiene	13.78	225	53487	19.422	ug/l	96
95) Naphthalene	13.83	128	310151	18.061	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	105995	19.320	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX004861.D

Acq: 01 Oct 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

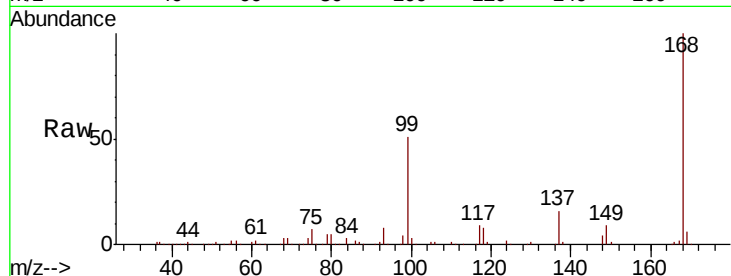
VX1001WBS01

Tot Ion:168 Resp: 251341

Ion Ratio Lower Upper

168 100

99 51.0 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

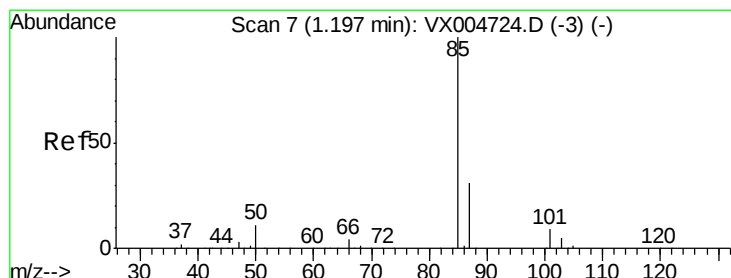
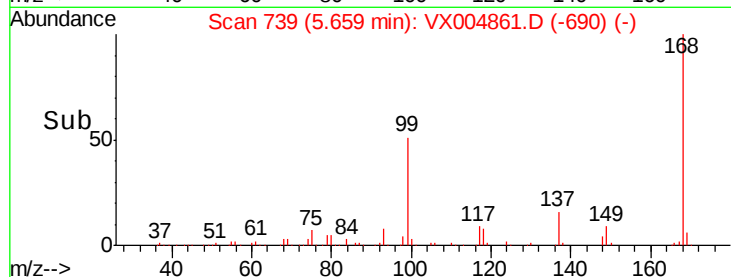
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 21.592 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX004861.D

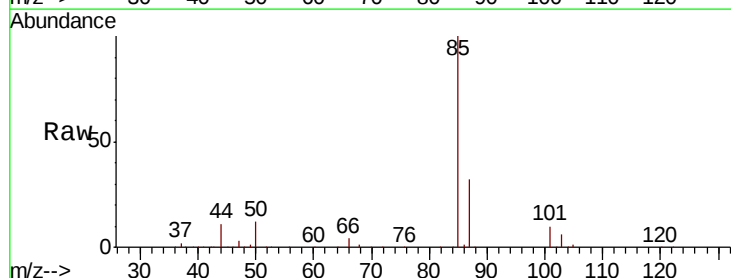
Acq: 01 Oct 2018 11:00

Tgt Ion: 85 Resp: 73996

Ion Ratio Lower Upper

85 100

87 31.8 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

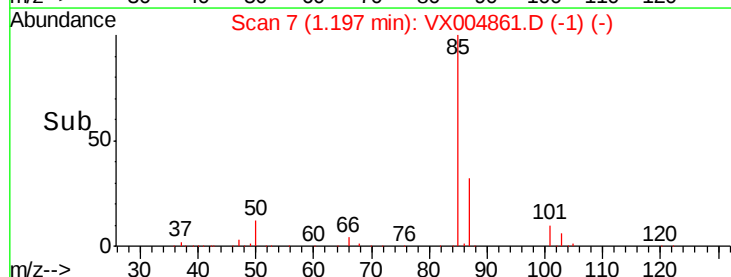
40000

20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 18.831 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004861.D

Acq: 01 Oct 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

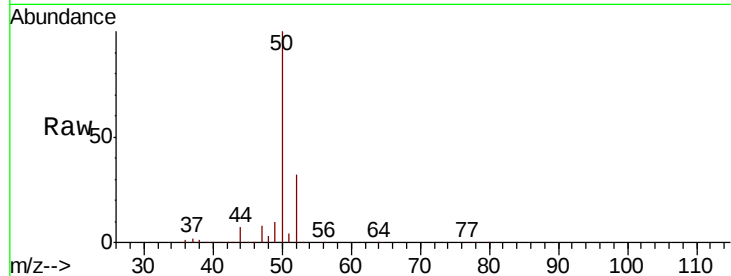
VX1001WBS01

Tot Ion: 50 Resp: 78295

Ion Ratio Lower Upper

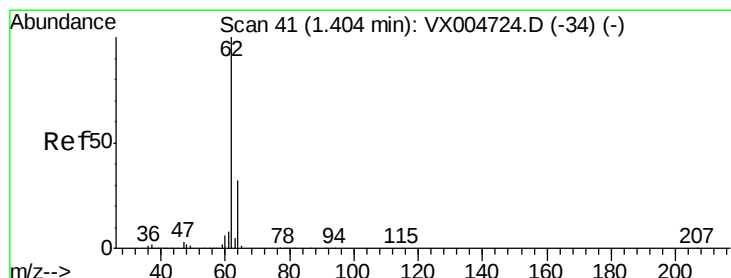
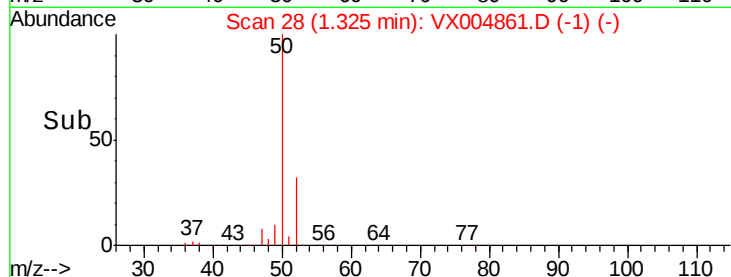
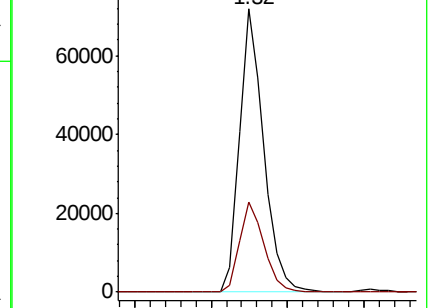
50 100

52 31.8 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.654 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004861.D

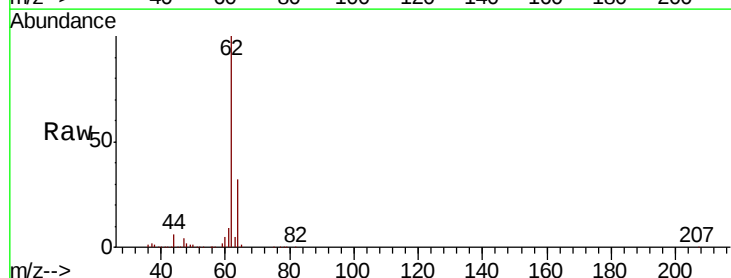
Acq: 01 Oct 2018 11:00

Tgt Ion: 62 Resp: 76643

Ion Ratio Lower Upper

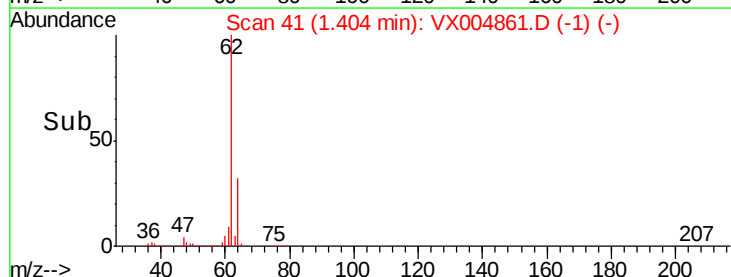
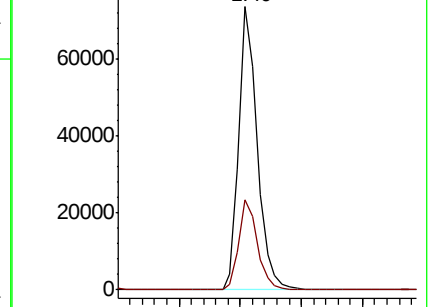
62 100

64 31.8 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.115 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004861.D

Acq: 01 Oct 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

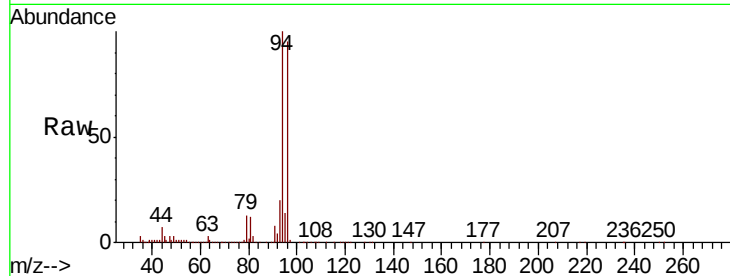
VX1001WBS01

Tot Ion: 94 Resp: 46514

Ion Ratio Lower Upper

94 100

96 94.5 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

60000

50000

40000

30000

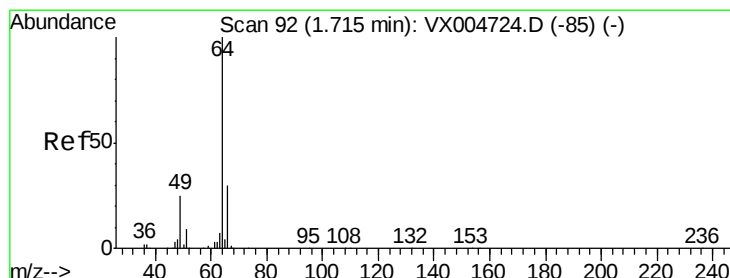
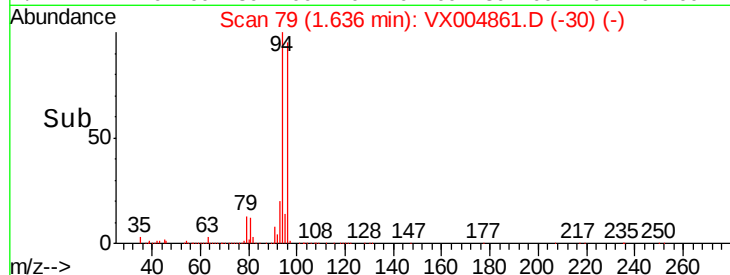
20000

10000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 20.071 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004861.D

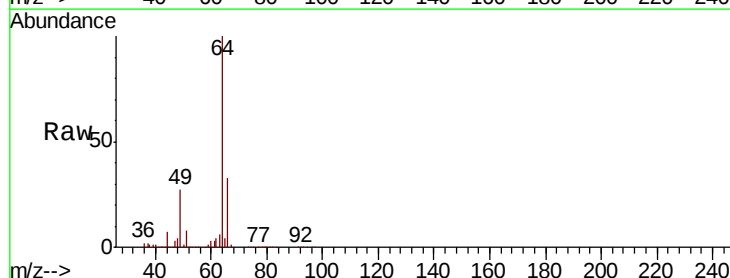
Acq: 01 Oct 2018 11:00

Tgt Ion: 64 Resp: 45615

Ion Ratio Lower Upper

64 100

66 32.9 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

30000

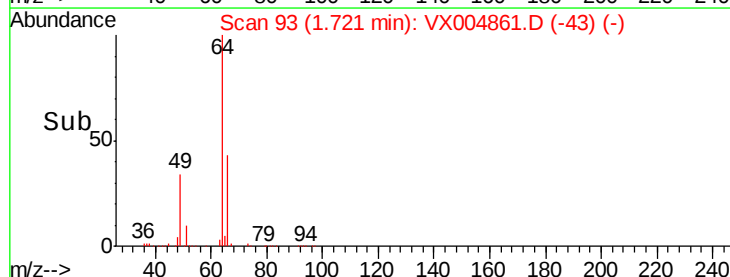
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10000

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Time-->

1.60 1.65 1.70 1.75 1.80



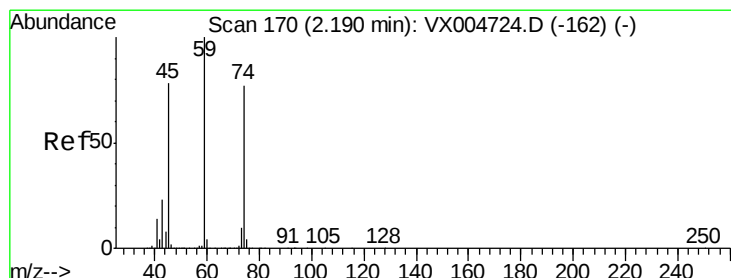
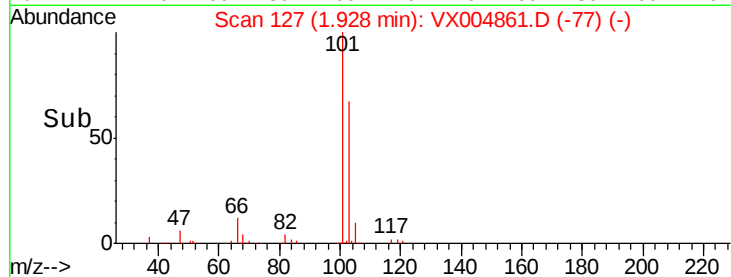
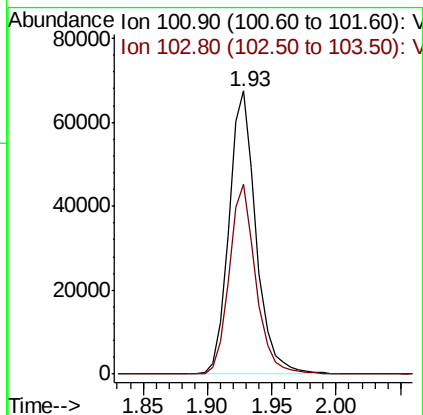
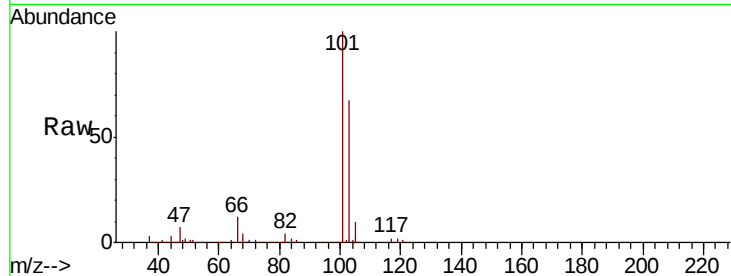


#7

Trichlorofluoromethane
 Concen: 20.532 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX004861.D
 Acq: 01 Oct 2018 11:00

Instrument :
 MSVOA_X
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 VX1001WBS01

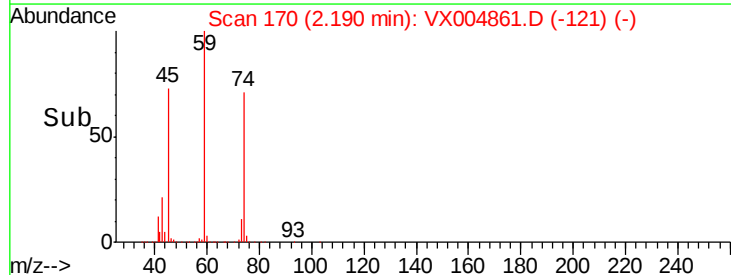
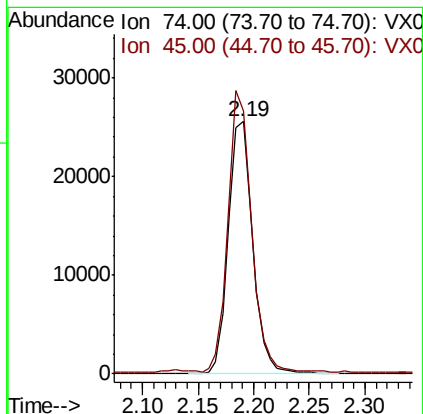
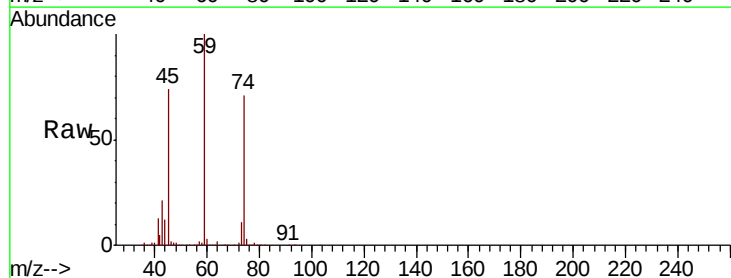
Tot Ion:101 Resp: 99118
 Ion Ratio Lower Upper
 101 100
 103 67.1 48.9 73.3



#8

Diethyl Ether
 Concen: 18.665 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX004861.D
 Acq: 01 Oct 2018 11:00

Tgt Ion: 74 Resp: 39146
 Ion Ratio Lower Upper
 74 100
 45 105.9 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.136 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX004861.D

Acq: 01 Oct 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBS01

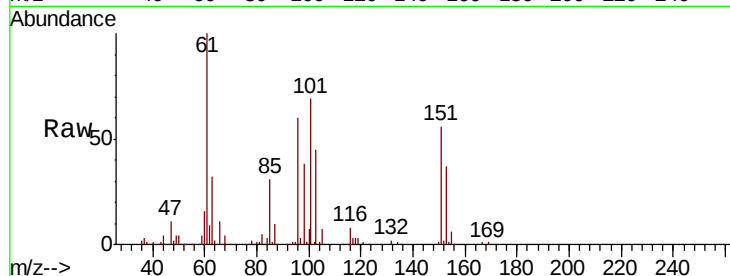
Tot Ion:101 Resp: 58122

Ion Ratio Lower Upper

101 100

85 43.8 34.2 51.4

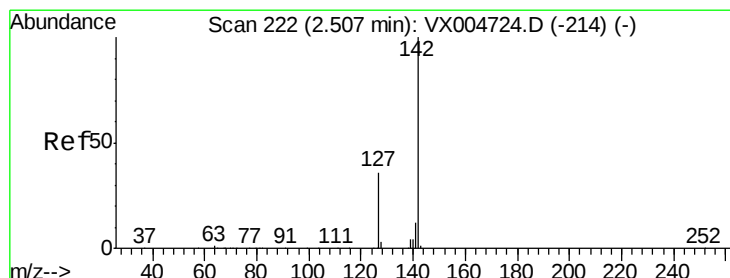
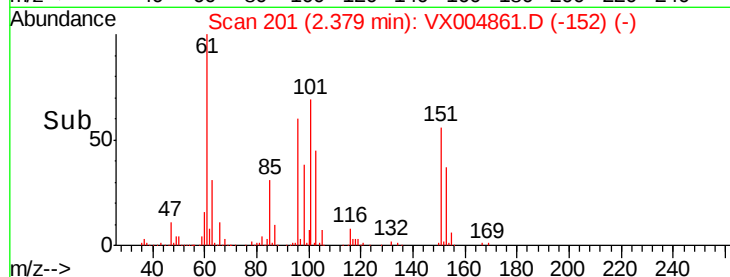
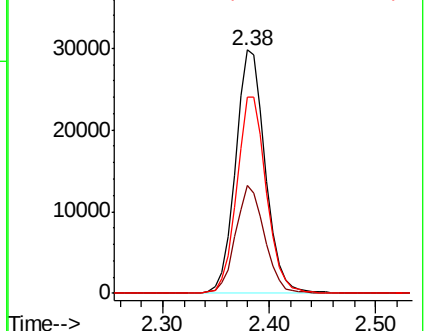
151 81.1 65.0 97.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 11.731 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004861.D

Acq: 01 Oct 2018 11:00

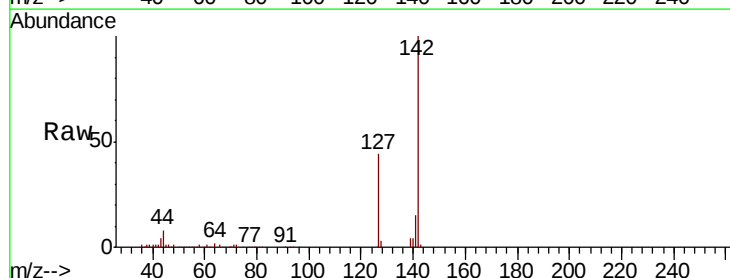
Tgt Ion:142 Resp: 43167

Ion Ratio Lower Upper

142 100

127 43.0 33.8 50.6

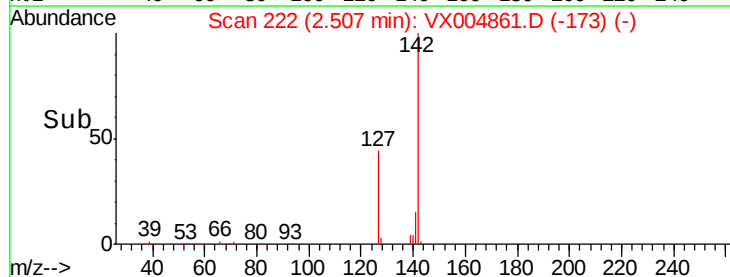
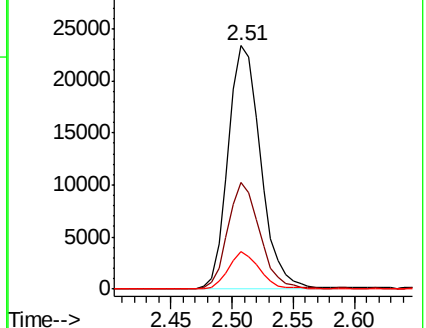
141 14.8 11.4 17.0

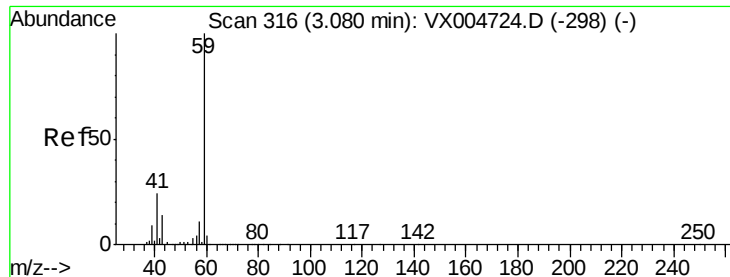


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



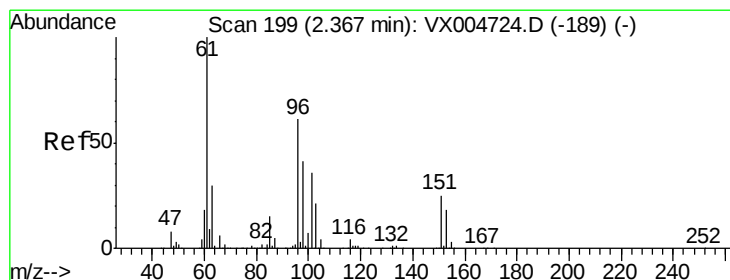
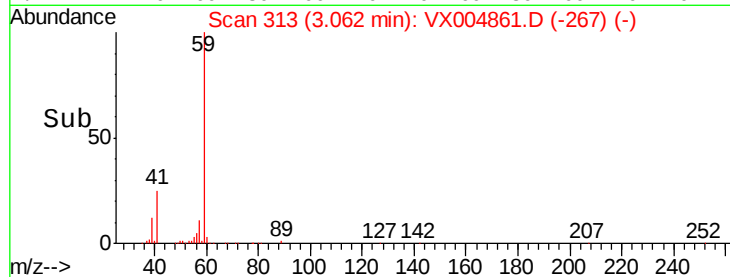
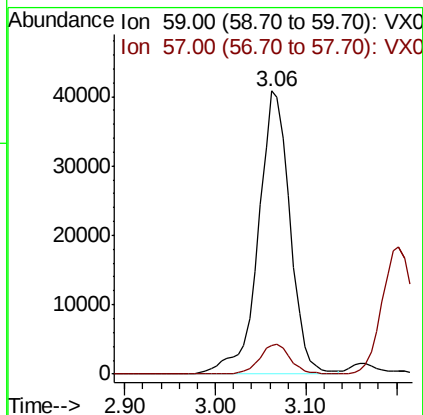
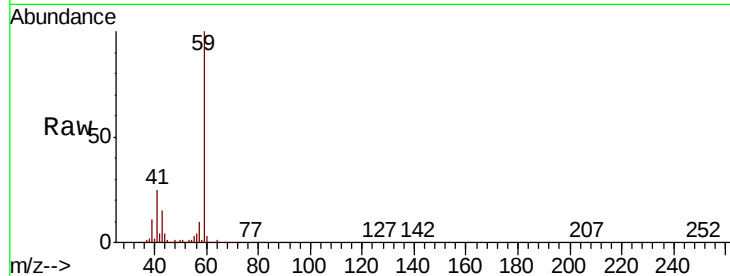


#11

Tert butyl alcohol
Concen: 98.134 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX004861.D
Acq: 01 Oct 2018 11:00

Instrument :
MSVOA_X
ClientSampled :
VX1001WBS01

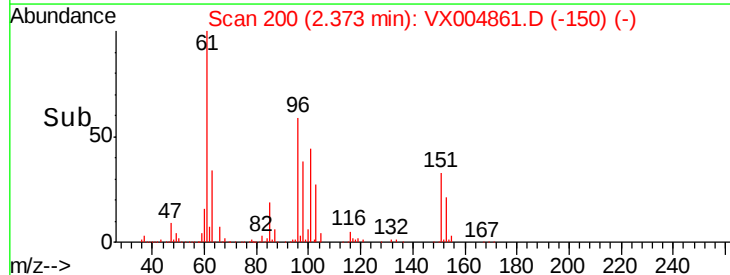
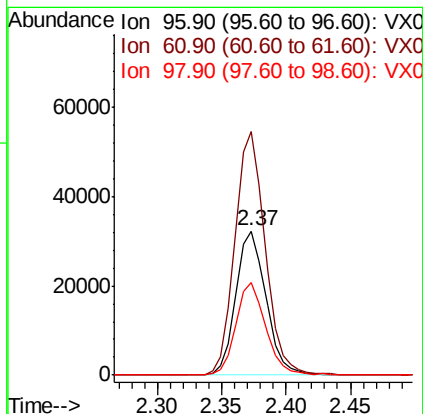
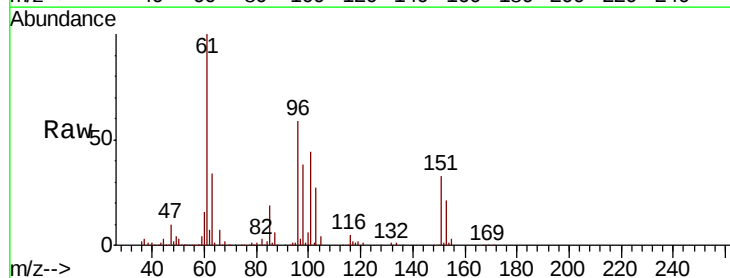
Tot Ion: 59 Resp: 98518
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4



#12

1,1-Dichloroethene
Concen: 19.328 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX004861.D
Acq: 01 Oct 2018 11:00

Tgt Ion: 96 Resp: 52638
Ion Ratio Lower Upper
96 100
61 168.9 128.8 193.2
98 64.0 52.2 78.2





#13

Acrolein

Concen: 62.582 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX004861.D

Acq: 01 Oct 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

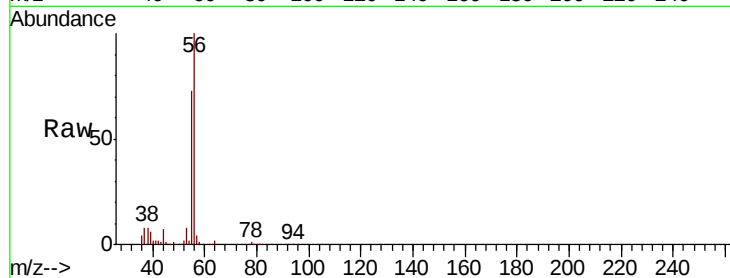
VX1001WBS01

Tot Ion: 56 Resp: 44701

Ion Ratio Lower Upper

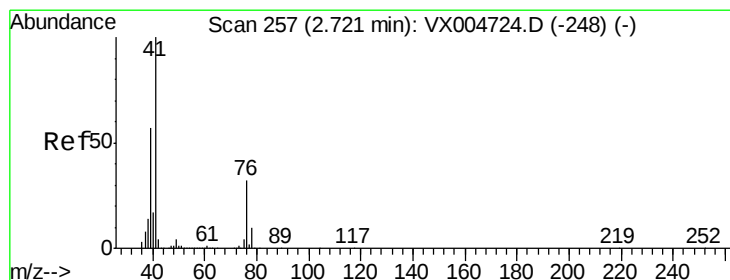
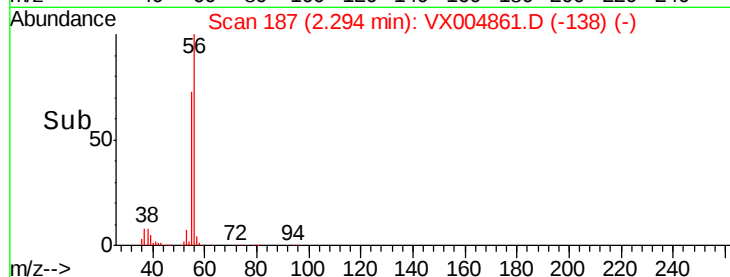
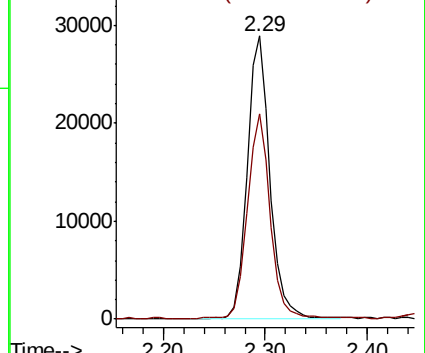
56 100

55 72.5 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.743 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX004861.D

Acq: 01 Oct 2018 11:00

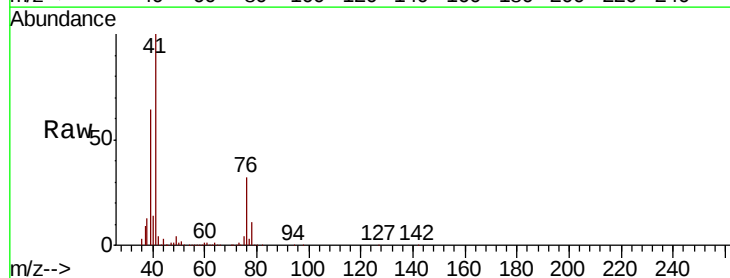
Tgt Ion: 41 Resp: 117318

Ion Ratio Lower Upper

41 100

39 59.2 48.9 73.3

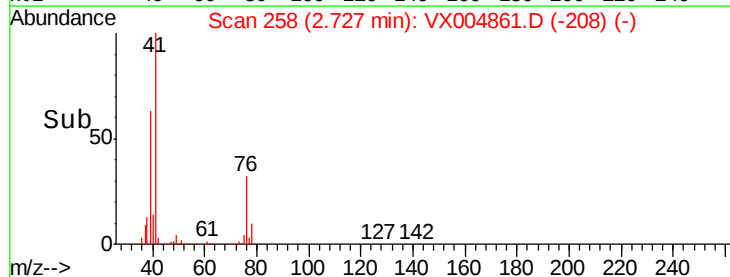
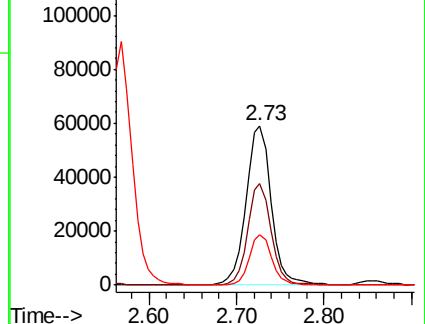
76 28.5 26.7 40.1



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 93.984 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX004861.D

Acq: 01 Oct 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBS01

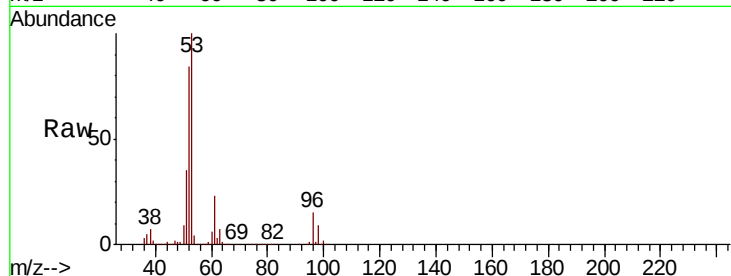
Tot Ion: 53 Resp: 207703

Ion Ratio Lower Upper

53 100

52 83.7 65.2 97.8

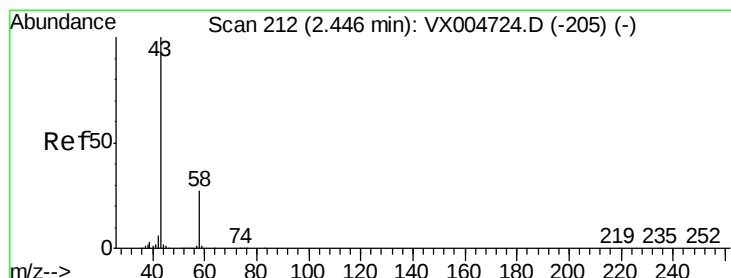
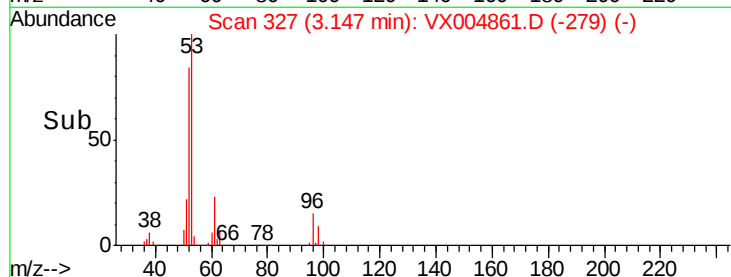
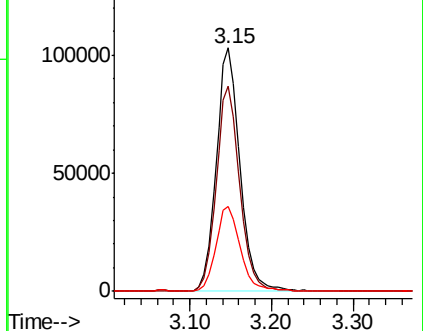
51 36.1 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 99.149 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004861.D

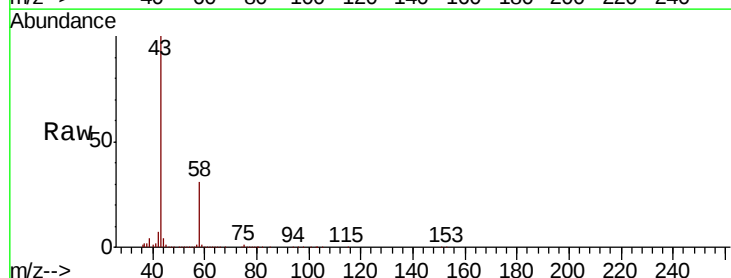
Acq: 01 Oct 2018 11:00

Tgt Ion: 43 Resp: 207832

Ion Ratio Lower Upper

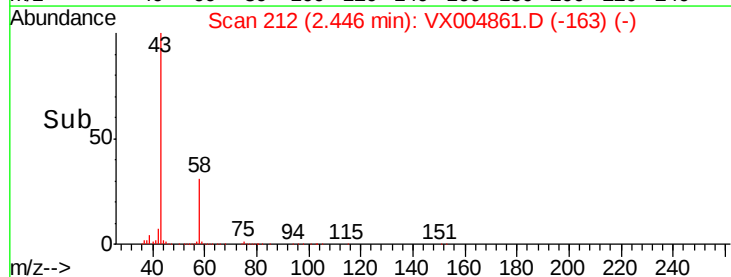
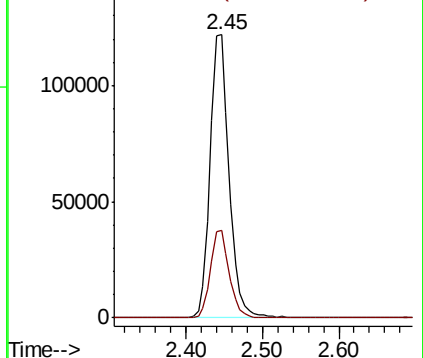
43 100

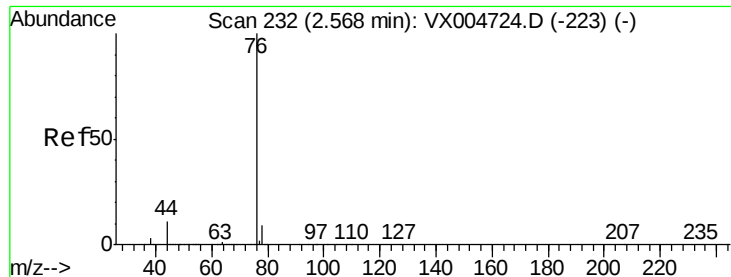
58 30.8 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

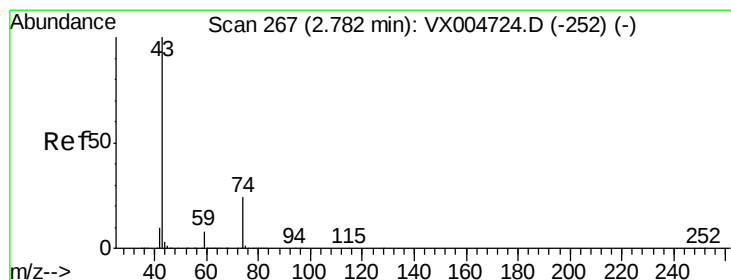
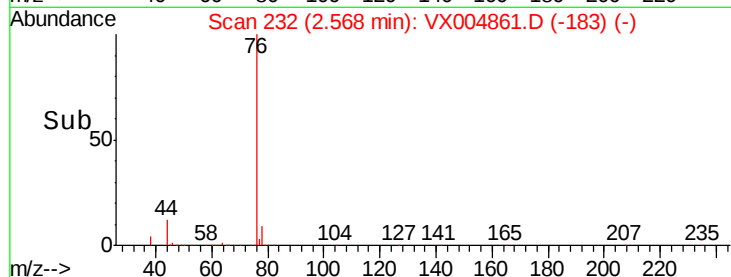
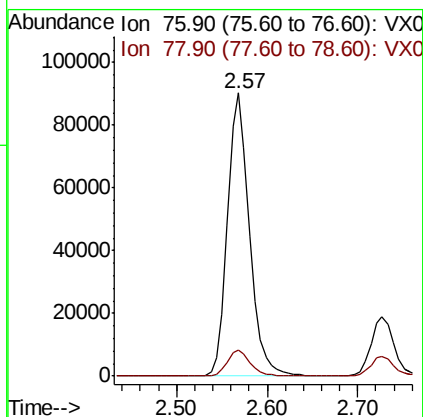
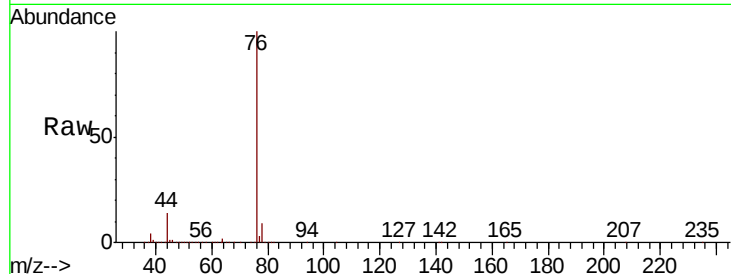




#17
Carbon Disulfide
Concen: 18.518 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX004861.D
Acq: 01 Oct 2018 11:00

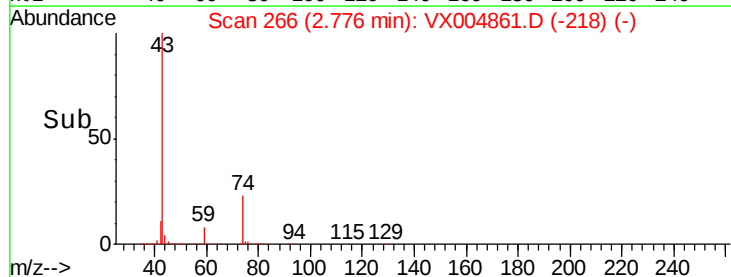
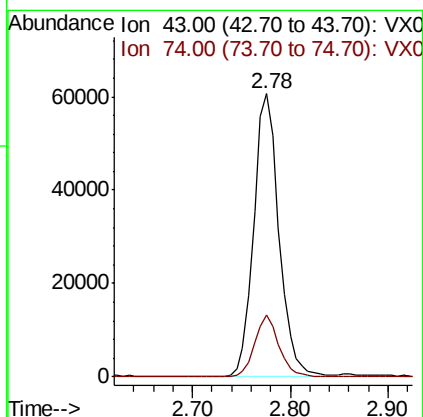
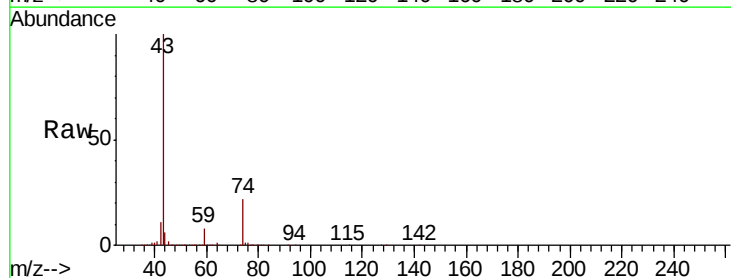
Instrument :
MSVOA_X
ClientSampleId :
VX1001WBS01

Tot Ion: 76 Resp: 151538
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 20.422 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX004861.D
Acq: 01 Oct 2018 11:00

Tgt Ion: 43 Resp: 108460
Ion Ratio Lower Upper
43 100
74 21.4 19.4 29.2

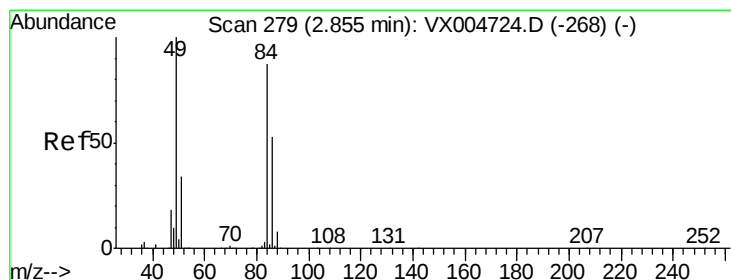
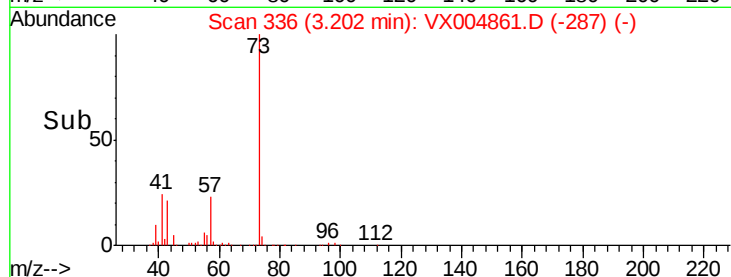
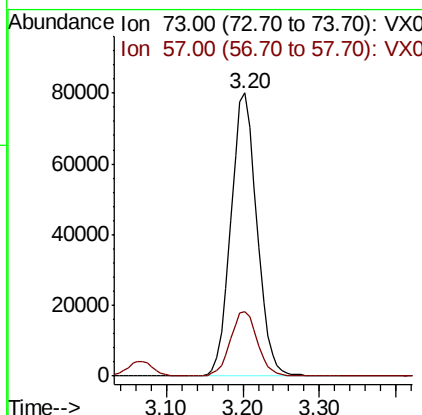
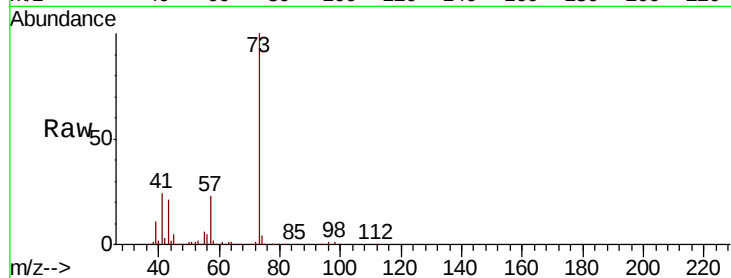




#19
Methyl tert-butyl Ether
Concen: 20.122 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX004861.D
Acq: 01 Oct 2018 11:00

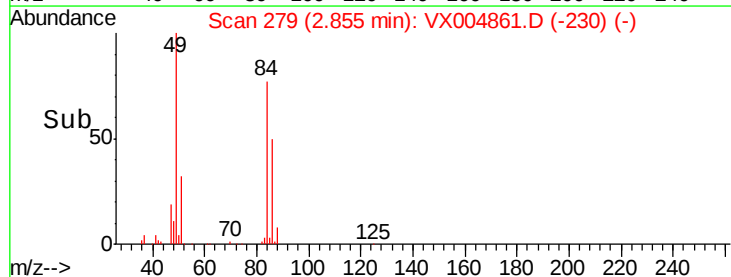
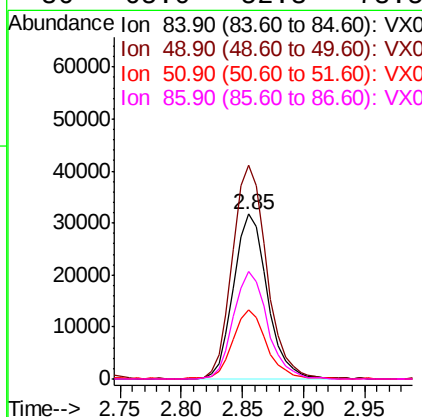
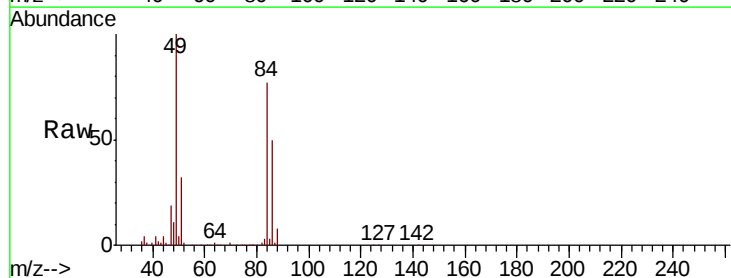
Instrument :
MSVOA_X
ClientSampleId :
VX1001WBS01

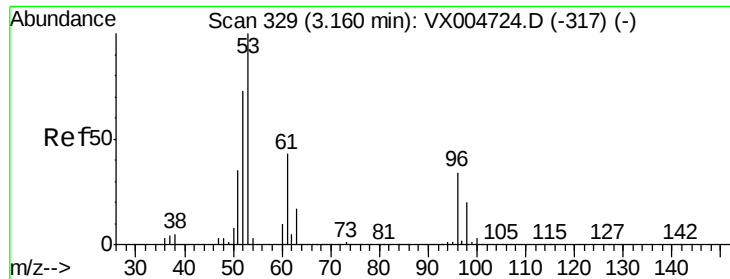
Tot Ion: 73 Resp: 189026
Ion Ratio Lower Upper
73 100
57 22.8 17.1 25.7



#20
Methylene Chloride
Concen: 19.452 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004861.D
Acq: 01 Oct 2018 11:00

Tgt Ion: 84 Resp: 60847
Ion Ratio Lower Upper
84 100
49 129.5 101.2 151.8
51 41.4 29.5 44.3
86 65.0 52.3 78.5

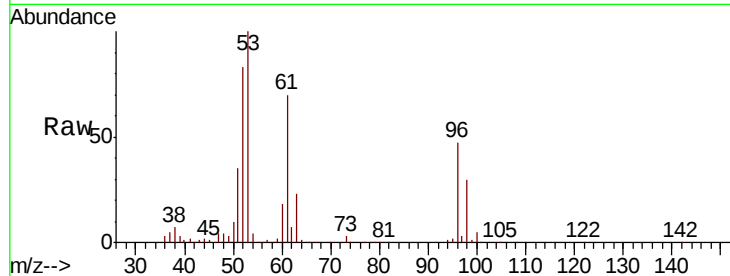




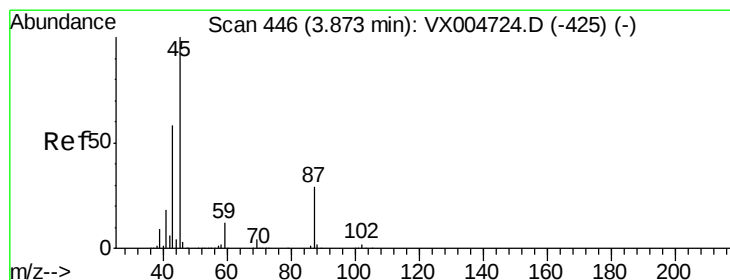
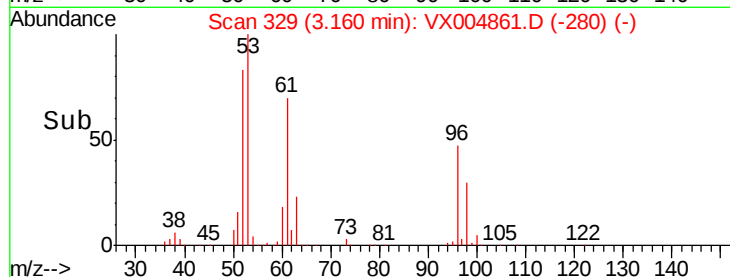
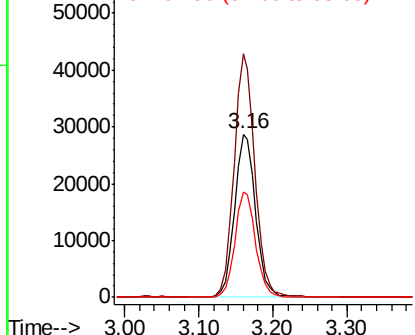
#21
trans-1,2-Dichloroethene
Concen: 19.108 ug/l
RT: 3.16 min Scan# 329
Delta R.T. 0.00 min
Lab File: VX004861.D
Acq: 01 Oct 2018 11:00

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBS01

Tot Ion: 96 Resp: 56964
Ion Ratio Lower Upper
96 100
61 149.1 113.8 170.6
98 64.6 51.8 77.8

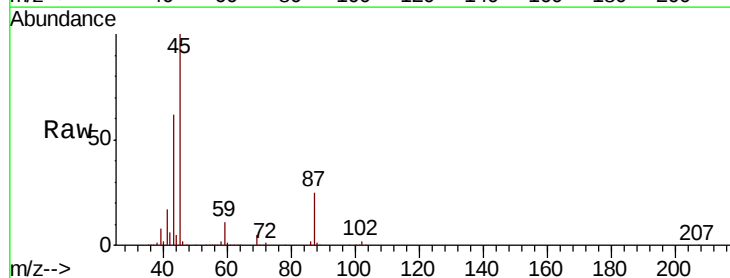


Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0

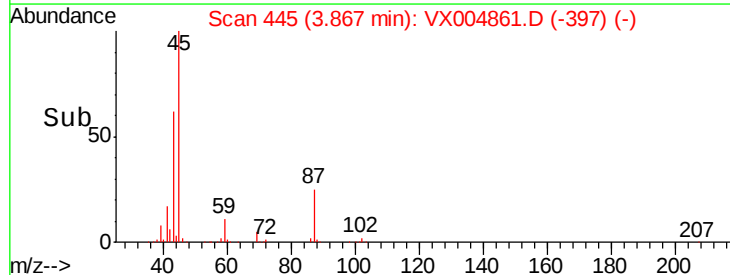
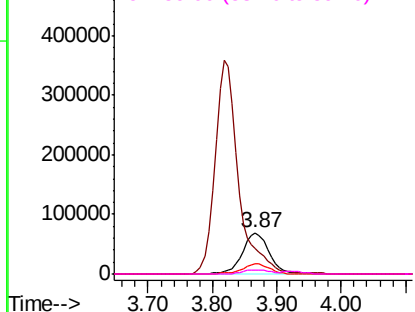


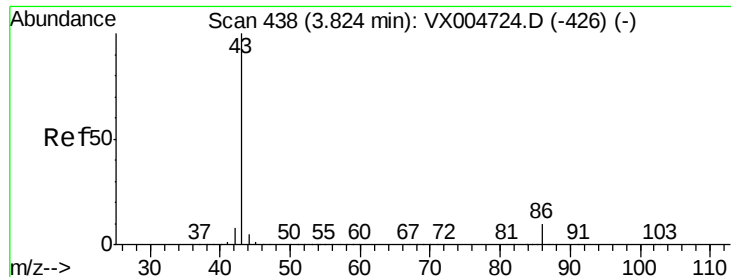
#22
Diisopropyl ether
Concen: 19.650 ug/l
RT: 3.87 min Scan# 445
Delta R.T. -0.01 min
Lab File: VX004861.D
Acq: 01 Oct 2018 11:00

Tgt Ion: 45 Resp: 196614
Ion Ratio Lower Upper
45 100
43 61.7 42.8 64.2
87 24.6 22.6 34.0
59 10.8 9.6 14.4



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





#23

Vinyl Acetate

Concen: 100.171 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX004861.D

Acq: 01 Oct 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

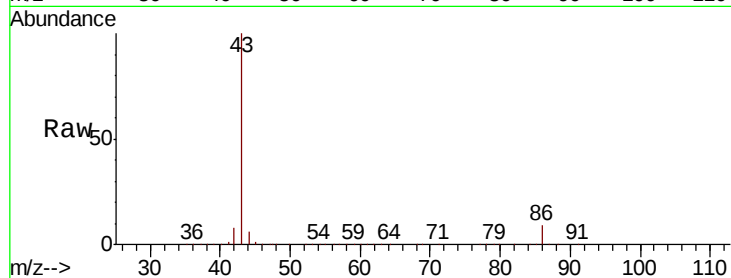
VX1001WBS01

Tot Ion: 43 Resp: 917483

Ion Ratio Lower Upper

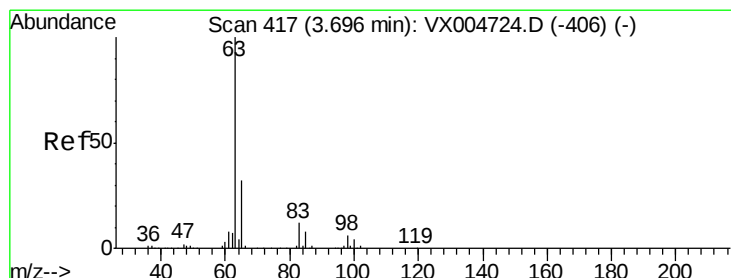
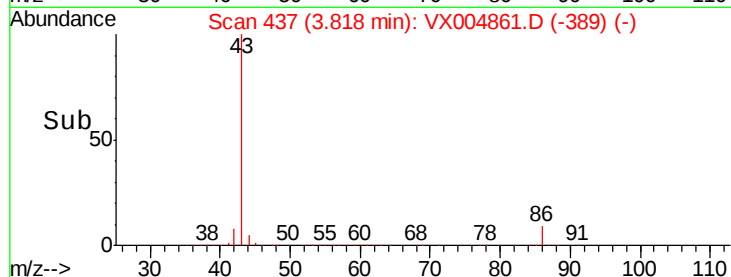
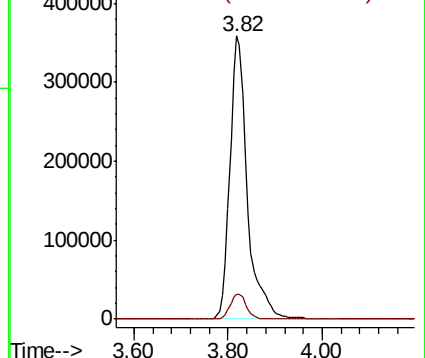
43 100

86 8.9 8.9 13.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.763 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX004861.D

Acq: 01 Oct 2018 11:00

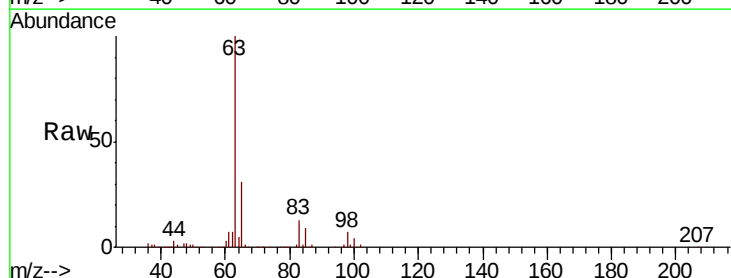
Tgt Ion: 63 Resp: 111989

Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.4

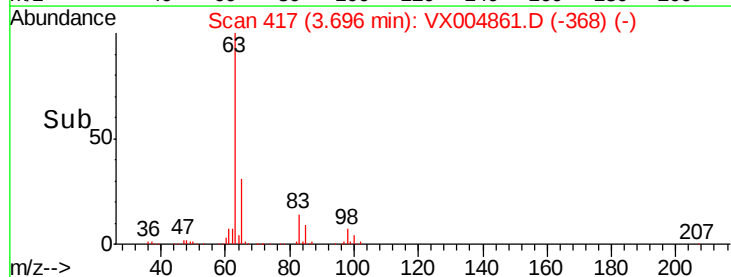
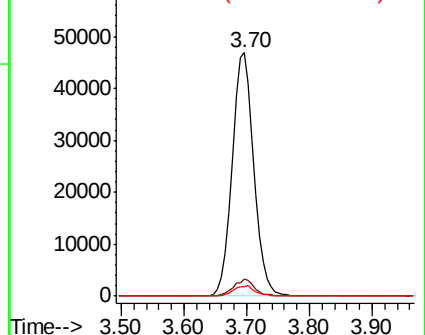
100 4.1 2.4 7.1

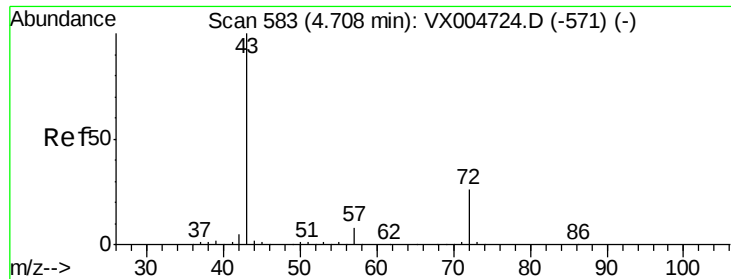


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 92.383 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX004861.D

Acq: 01 Oct 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

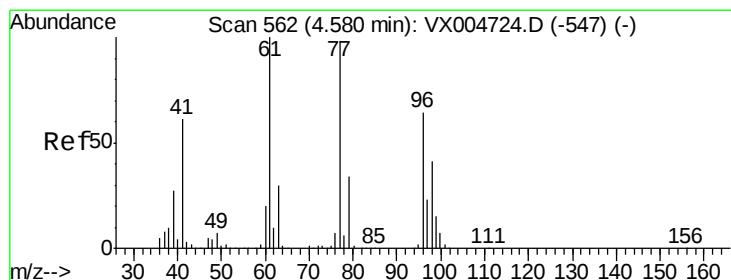
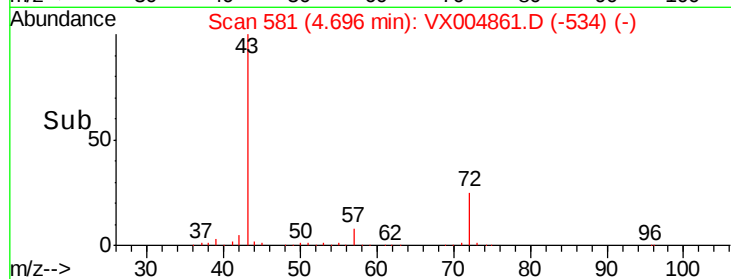
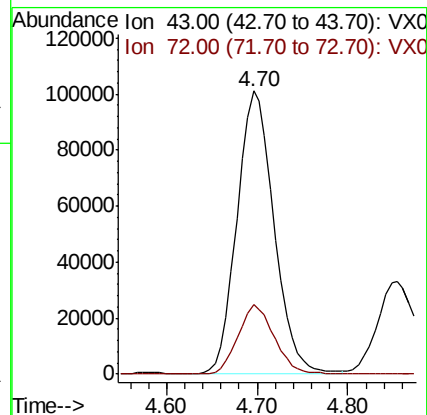
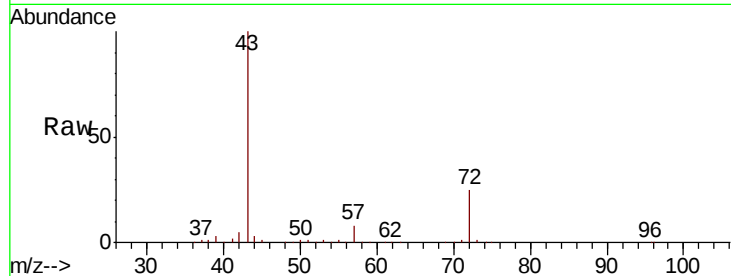
VX1001WBS01

Tot Ion: 43 Resp: 285443

Ion Ratio Lower Upper

43 100

72 24.6 22.0 33.0



#26

2,2-Dichloropropane

Concen: 20.453 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX004861.D

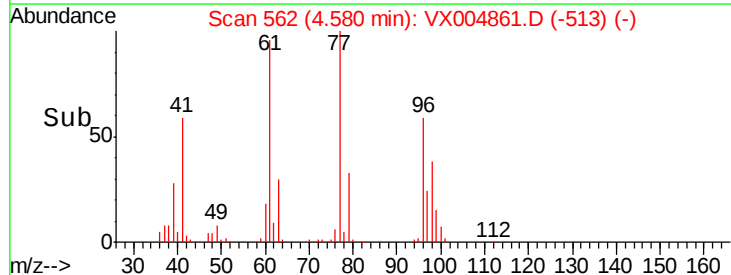
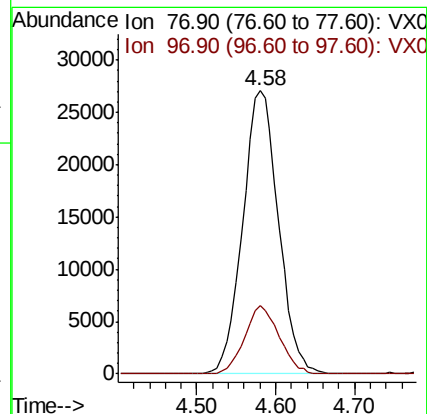
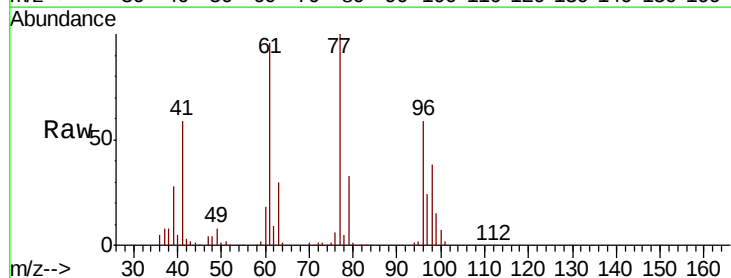
Acq: 01 Oct 2018 11:00

Tgt Ion: 77 Resp: 85010

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.0



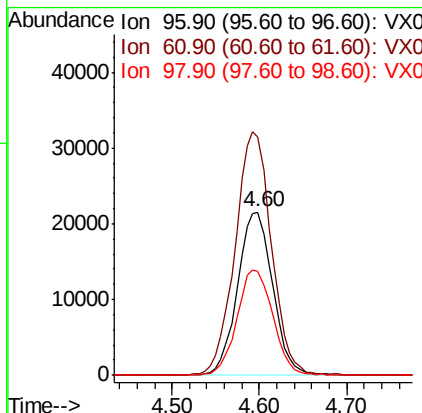
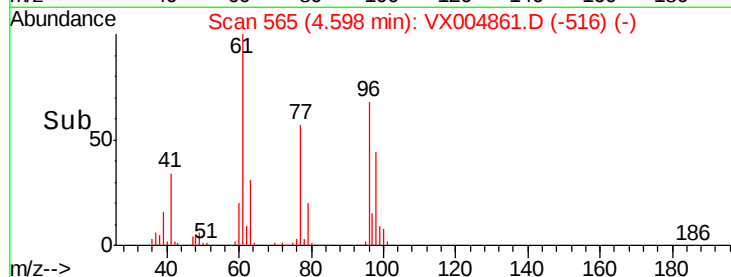
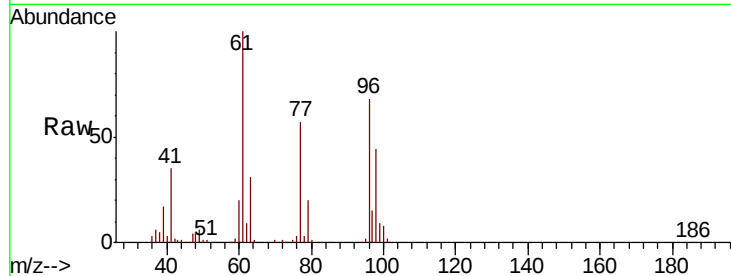


#27

cis-1,2-Dichloroethene
Concen: 18.093 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX004861.D
Acq: 01 Oct 2018 11:00

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBS01

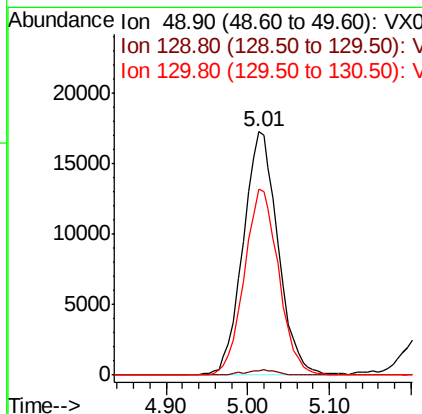
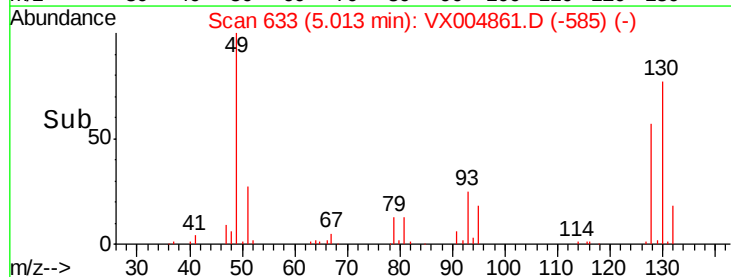
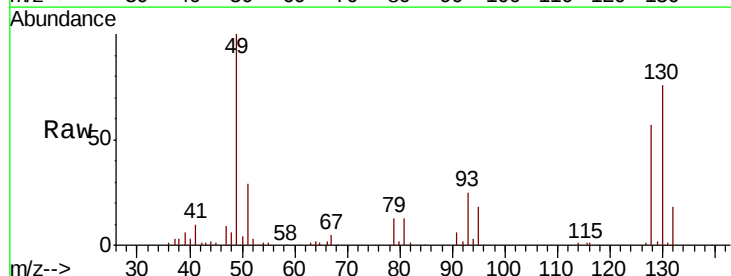
Tot Ion: 96 Resp: 60258
Ion Ratio Lower Upper
96 100
61 154.3 0.0 282.6
98 66.0 0.0 130.2

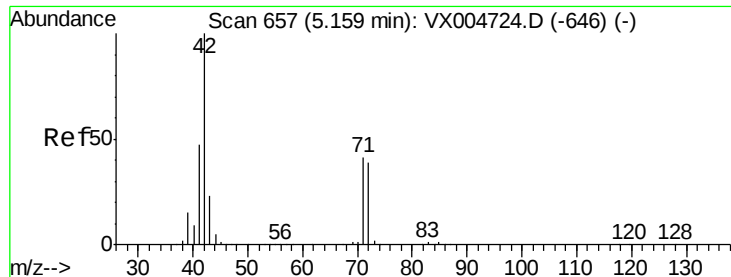


#28

Bromochloromethane
Concen: 18.256 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX004861.D
Acq: 01 Oct 2018 11:00

Tgt Ion: 49 Resp: 51314
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.2
130 75.1 67.5 101.3





#29

Tetrahydrofuran

Concen: 93.139 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX004861.D

Acq: 01 Oct 2018 11:00

Instrument :

MSVOA_X

ClientSampled :

VX1001WBS01

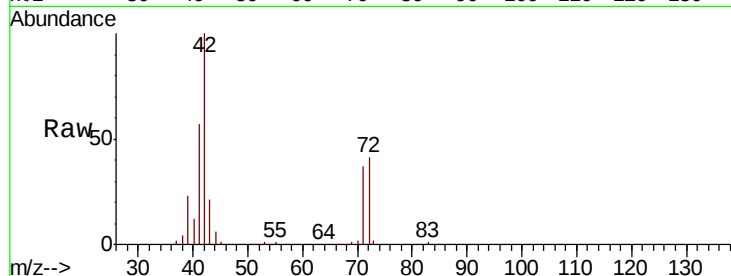
Tot Ion: 42 Resp: 178866

Ion Ratio Lower Upper

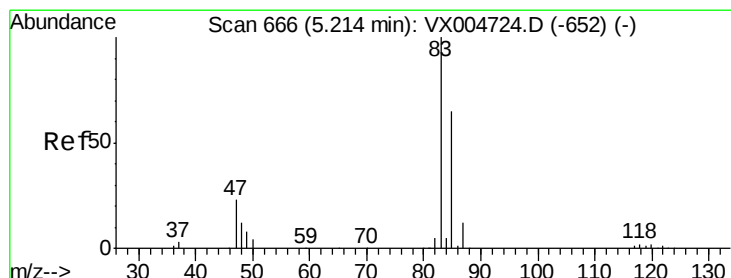
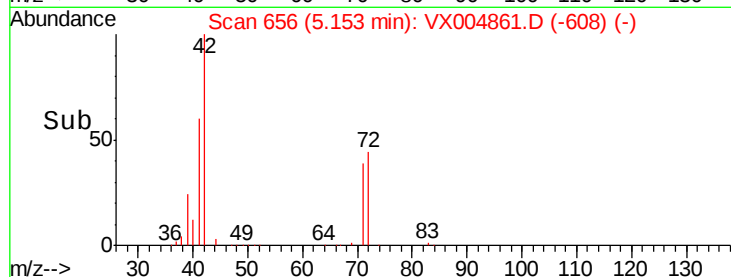
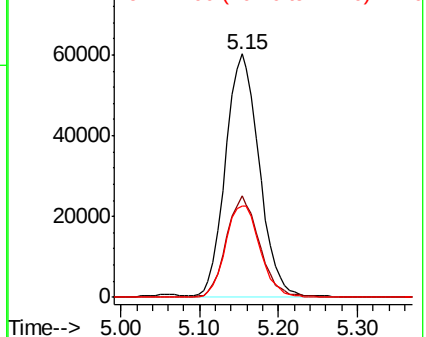
42 100

72 41.2 37.4 56.0

71 38.8 34.5 51.7



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 18.399 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX004861.D

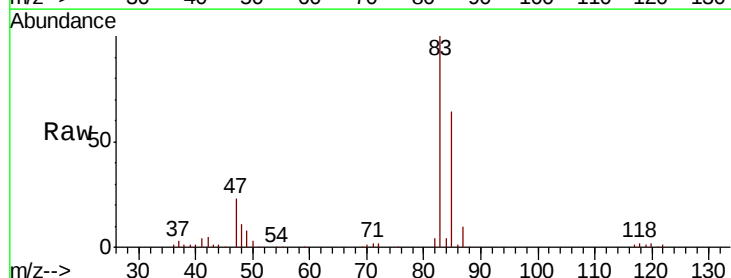
Acq: 01 Oct 2018 11:00

Tgt Ion: 83 Resp: 103789

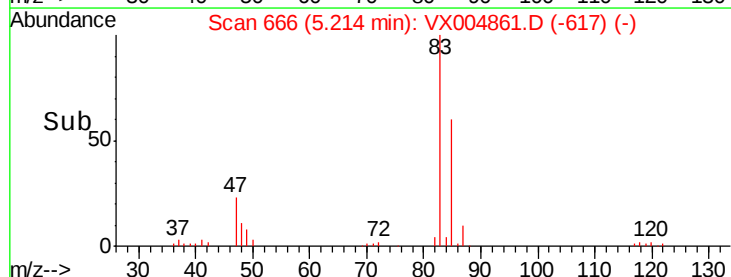
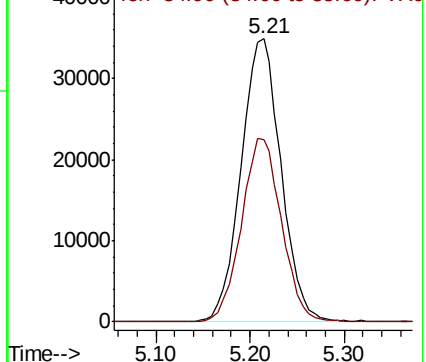
Ion Ratio Lower Upper

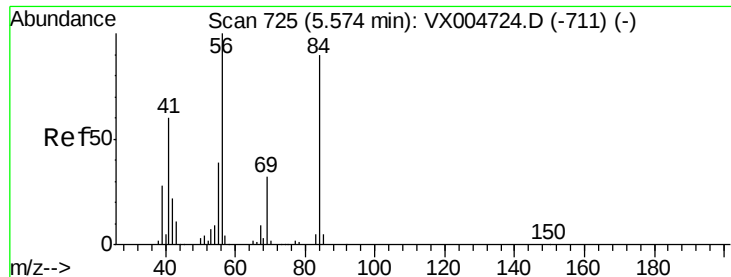
83 100

85 64.4 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 20.440 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX004861.D

Acq: 01 Oct 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBS01

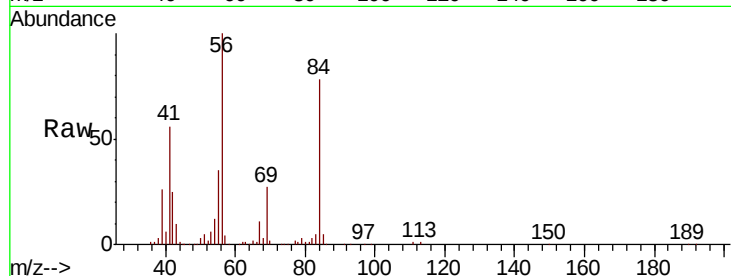
Tot Ion: 56 Resp: 93376

Ion Ratio Lower Upper

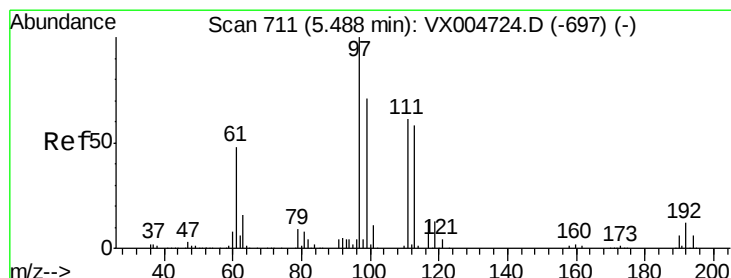
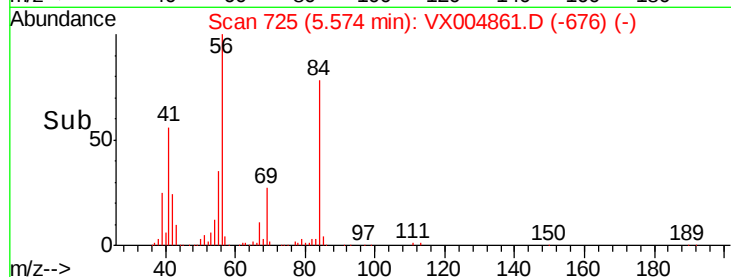
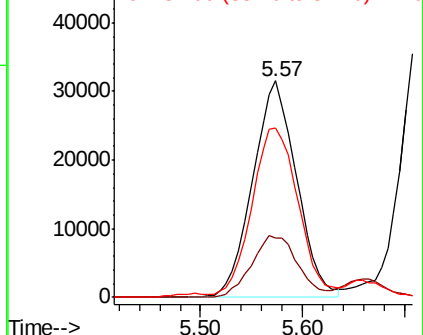
56 100

69 27.4 25.4 38.2

84 77.0 71.4 107.2



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



#32

1,1,1-Trichloroethane

Concen: 19.336 ug/l

RT: 5.49 min Scan# 711

Delta R.T. 0.00 min

Lab File: VX004861.D

Acq: 01 Oct 2018 11:00

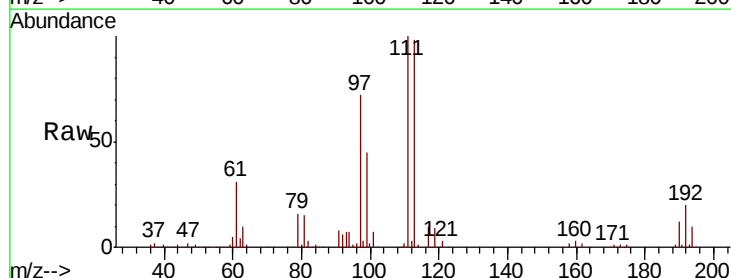
Tgt Ion: 97 Resp: 89080

Ion Ratio Lower Upper

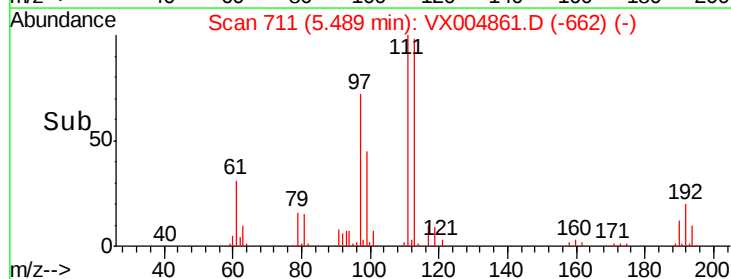
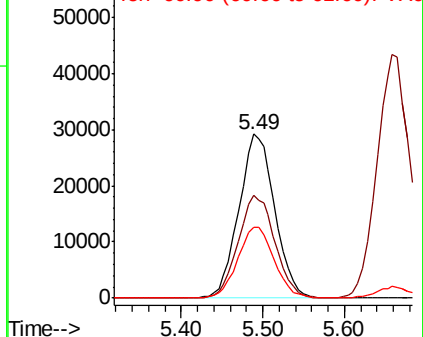
97 100

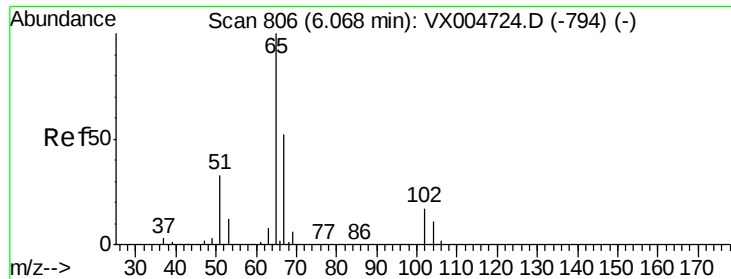
99 64.4 52.0 78.0

61 44.0 34.9 52.3



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





#33

1,2-Dichloroethane-d4

Concen: 45.581 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004861.D

Acq: 01 Oct 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

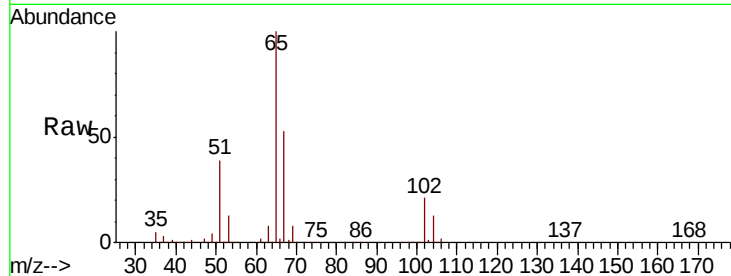
VX1001WBS01

Tot Ion: 65 Resp: 163656

Ion Ratio Lower Upper

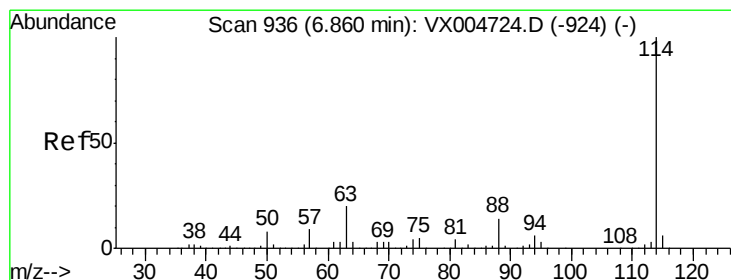
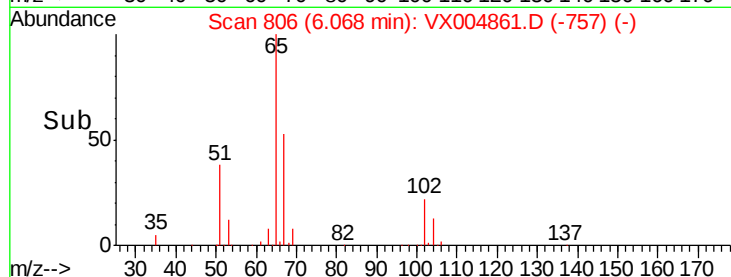
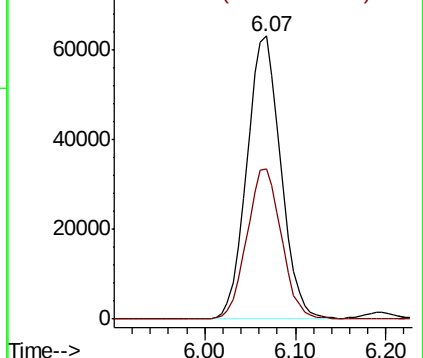
65 100

67 54.0 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX004861.D

Acq: 01 Oct 2018 11:00

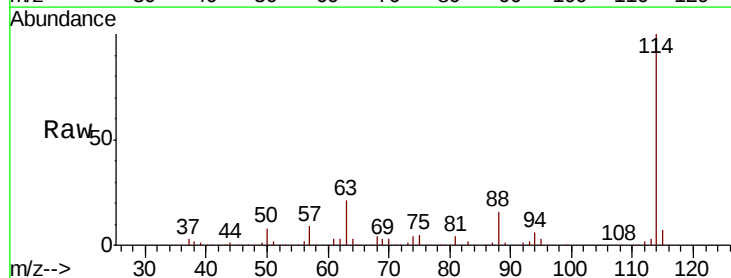
Tgt Ion: 114 Resp: 358934

Ion Ratio Lower Upper

114 100

63 21.0 0.0 39.0

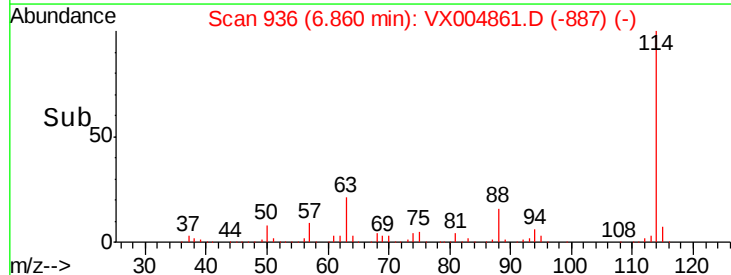
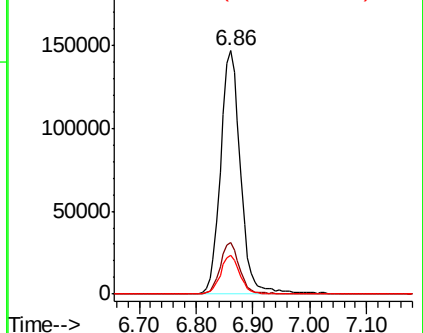
88 16.1 0.0 30.4



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: 43.898 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX004861.D

Acq: 01 Oct 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBS01

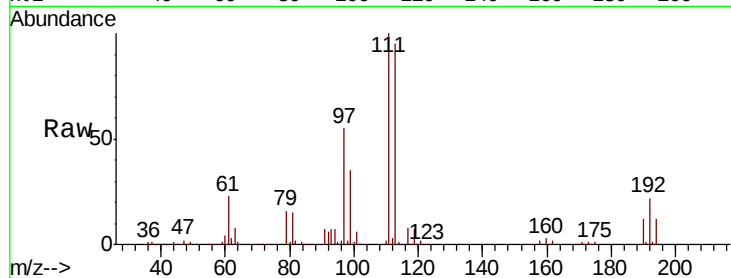
Tot Ion:113 Resp: 133537

Ion Ratio Lower Upper

113 100

111 102.2 82.4 123.6

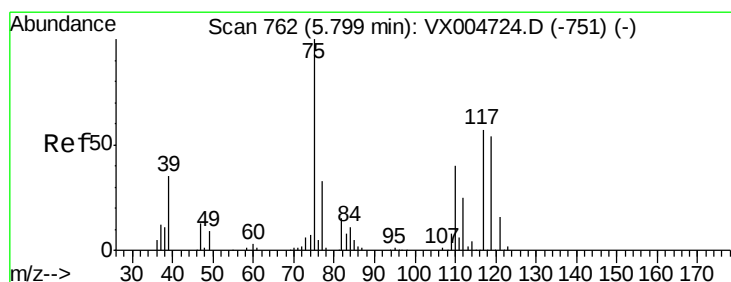
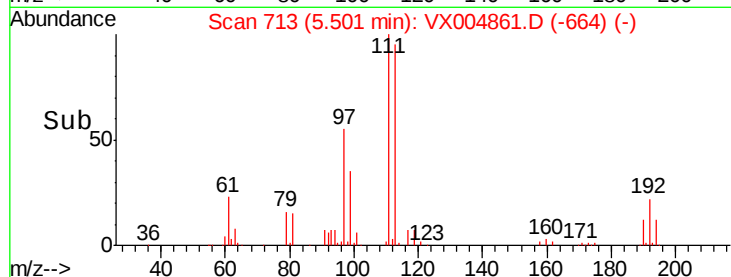
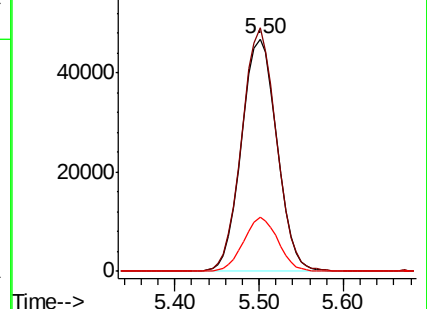
192 22.7 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.322 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX004861.D

Acq: 01 Oct 2018 11:00

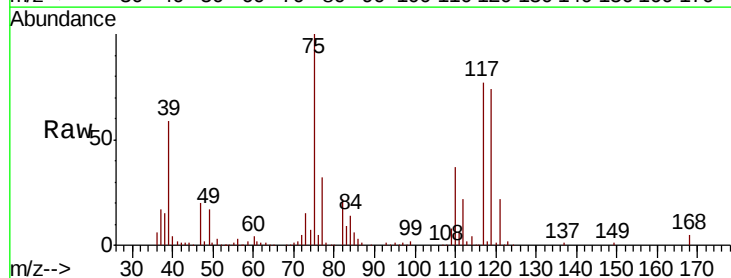
Tgt Ion: 75 Resp: 76046

Ion Ratio Lower Upper

75 100

110 37.0 18.0 54.0

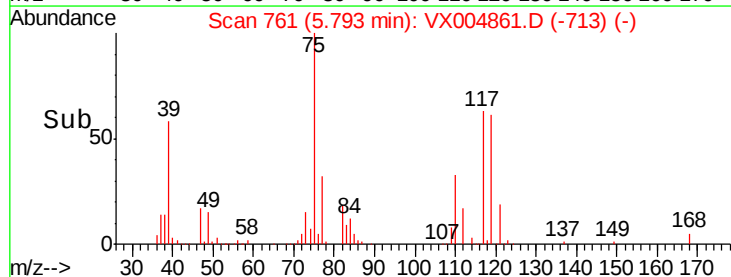
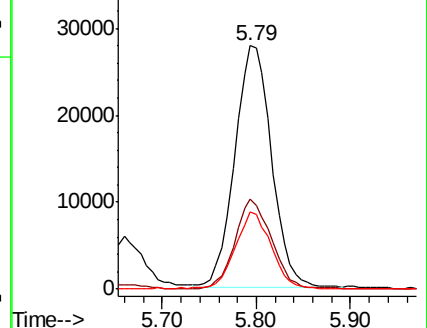
77 30.5 24.6 36.8

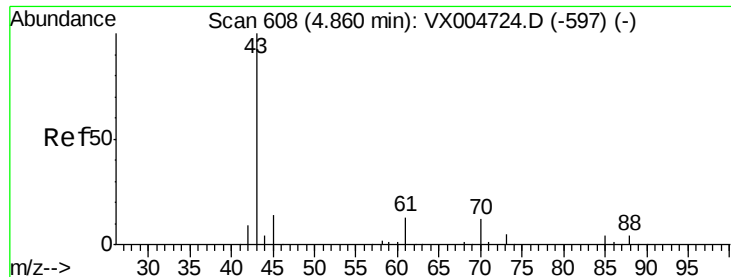


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

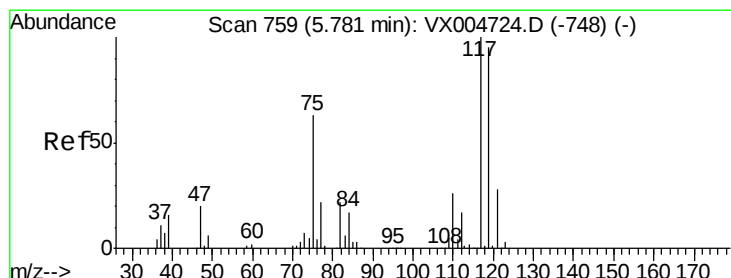
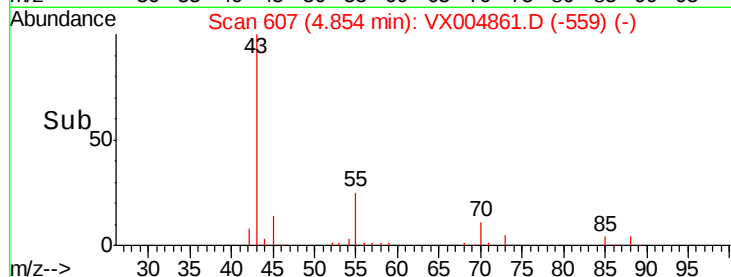
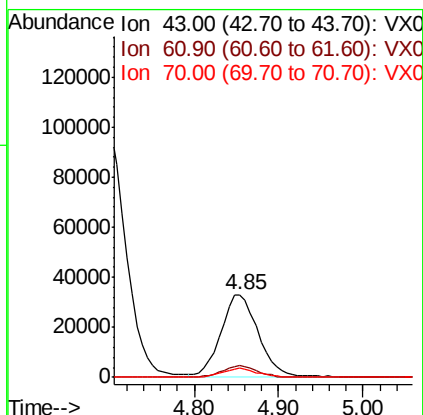
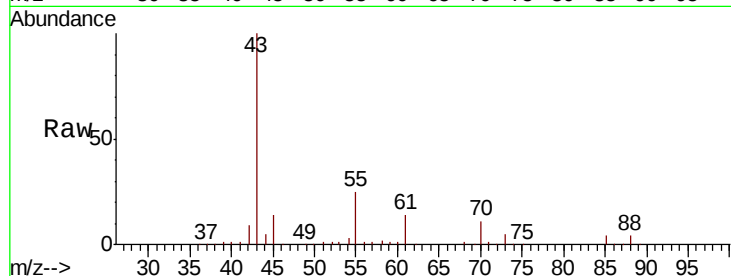




#37
Ethyl Acetate
Concen: 17.894 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX004861.D
Acq: 01 Oct 2018 11:00

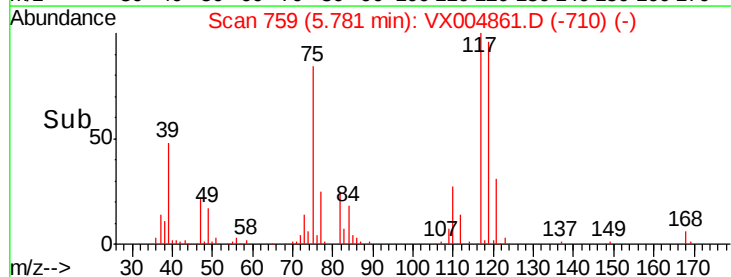
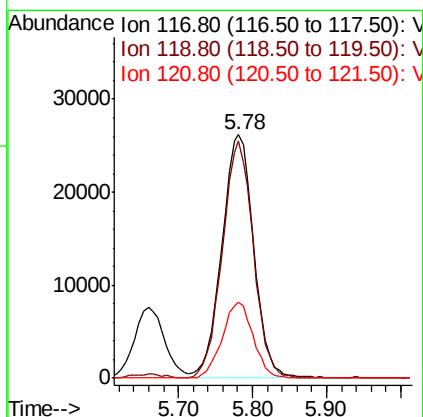
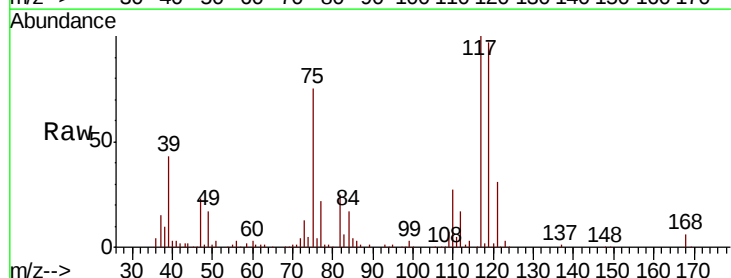
Instrument :
MSVOA_X
ClientSampleId :
VX1001WBS01

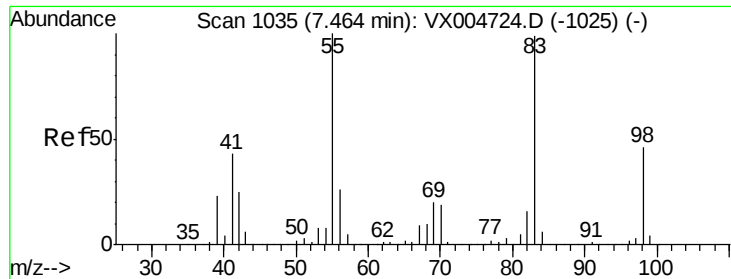
Tot Ion: 43 Resp: 98581
Ion Ratio Lower Upper
43 100
61 13.9 11.5 17.3
70 10.4 9.0 13.6



#38
Carbon Tetrachloride
Concen: 17.936 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX004861.D
Acq: 01 Oct 2018 11:00

Tgt Ion: 117 Resp: 78251
Ion Ratio Lower Upper
117 100
119 97.1 78.8 118.2
121 31.3 24.9 37.3

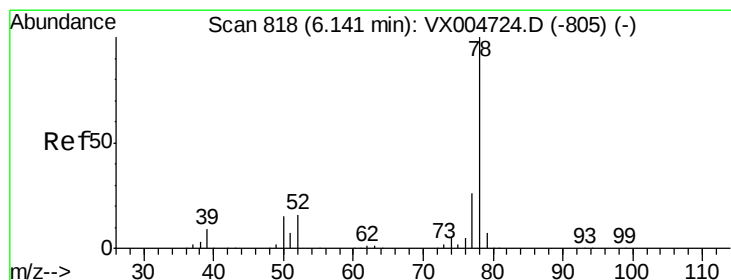
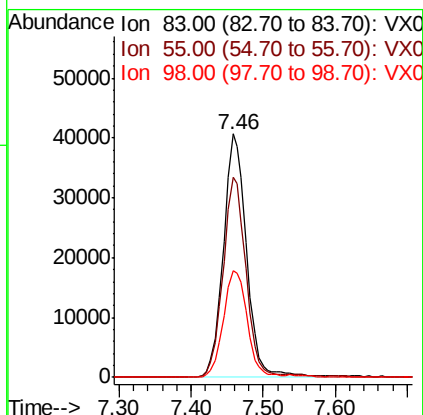
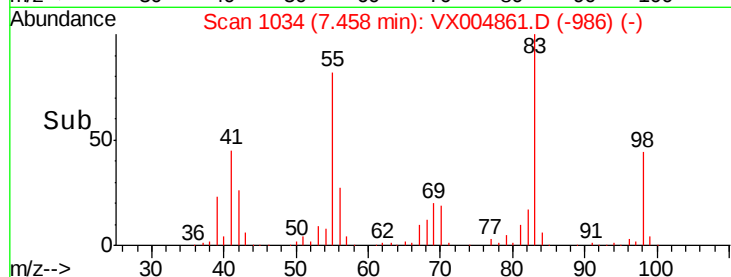
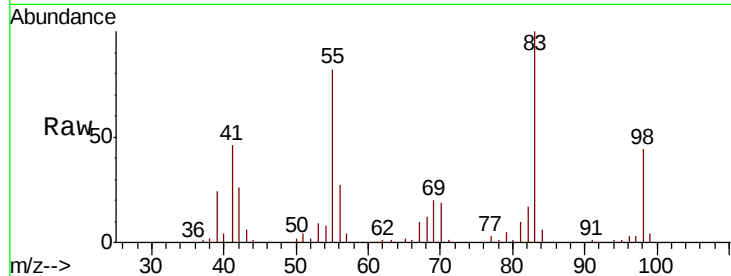




#39
Methvlcvclohexane
Concen: 21.578 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX004861.D
Acq: 01 Oct 2018 11:00

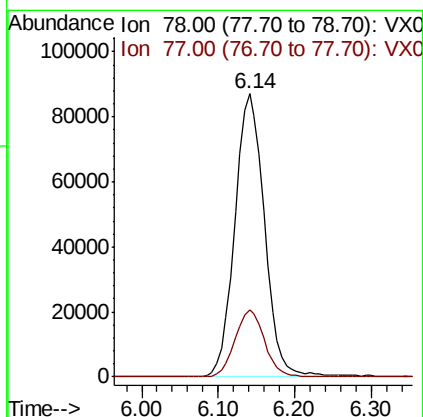
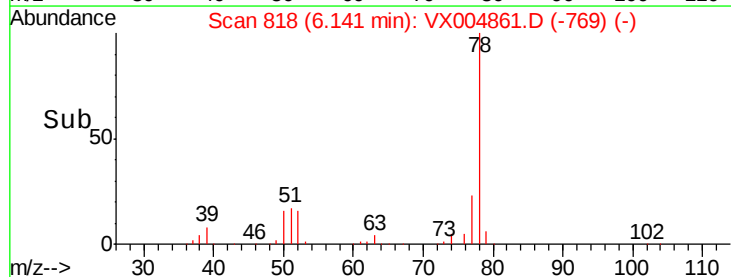
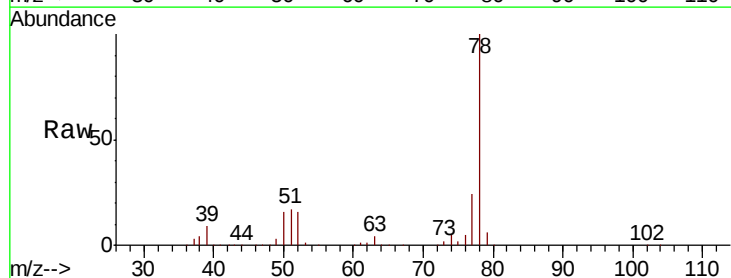
Instrument :
MSVOA_X
ClientSampleId :
VX1001WBS01

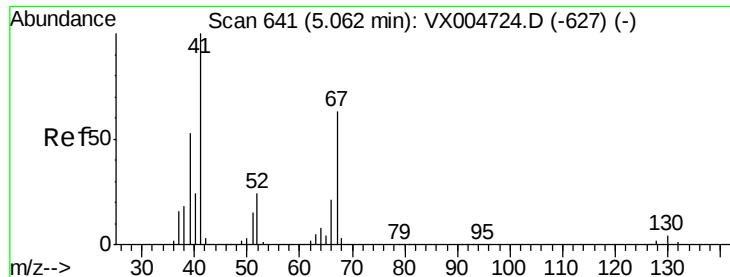
Tot Ion: 83 Resp: 91447
Ion Ratio Lower Upper
83 100
55 82.3 61.0 91.4
98 43.8 39.6 59.4



#40
Benzene
Concen: 18.014 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004861.D
Acq: 01 Oct 2018 11:00

Tgt Ion: 78 Resp: 234065
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4

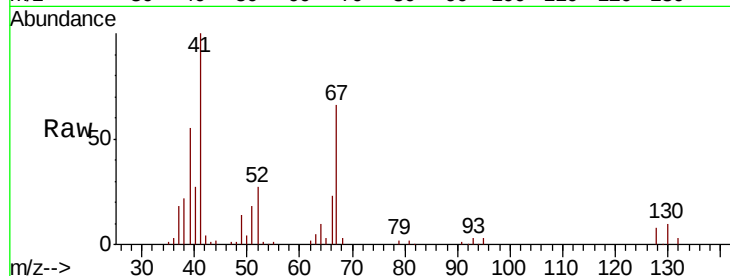




#41
Methacrylonitrile
Concen: 18.161 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX004861.D
Acq: 01 Oct 2018 11:00

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBS01

Tot Ion:	41	Resp:	55487
Ion	Ratio	Lower	Upper
41	100		
39	53.1	42.4	63.6
67	65.7	59.2	88.8
52	27.3	23.0	34.4



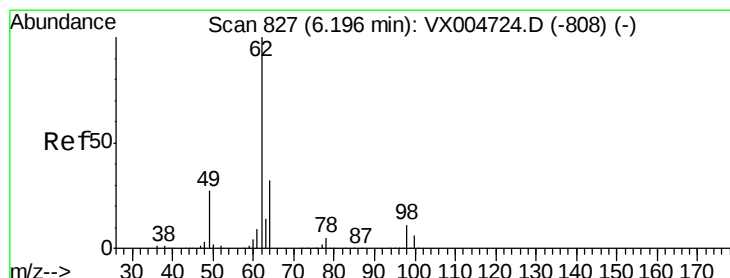
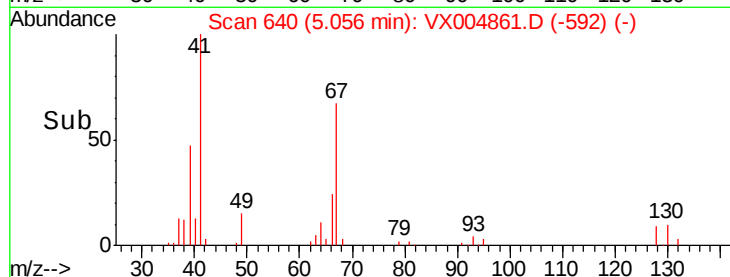
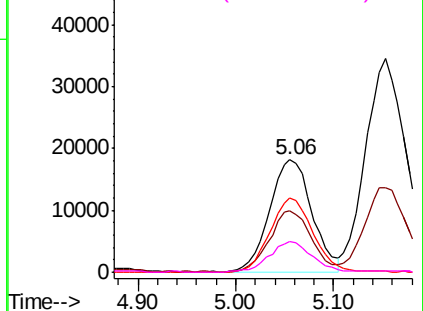
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

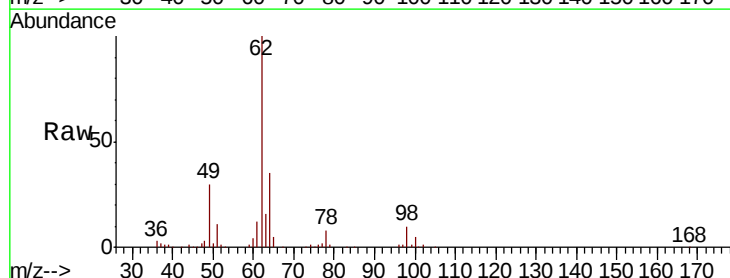
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 17.999 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX004861.D
Acq: 01 Oct 2018 11:00

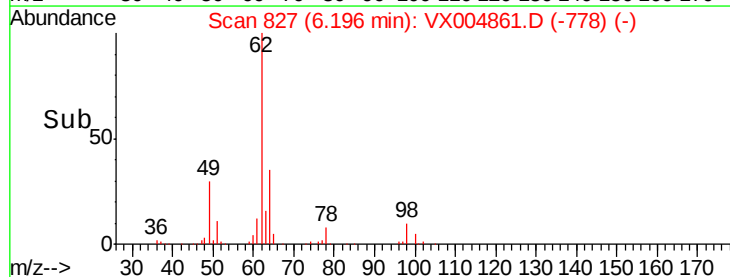
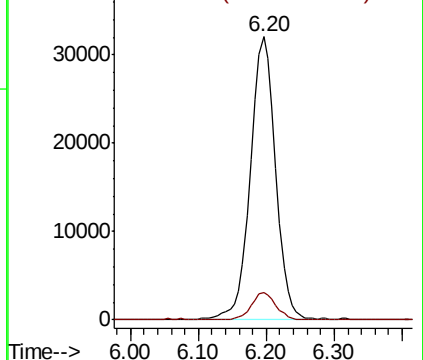
Tgt Ion:	62	Resp:	82679
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.6

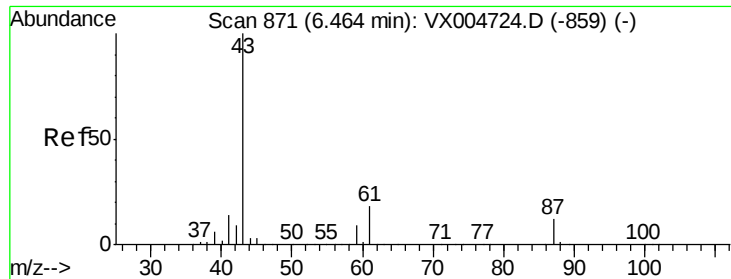


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 17.949 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX004861.D

Acq: 01 Oct 2018 11:00

Instrument :

MSVOA_X

ClientSampled :

VX1001WBS01

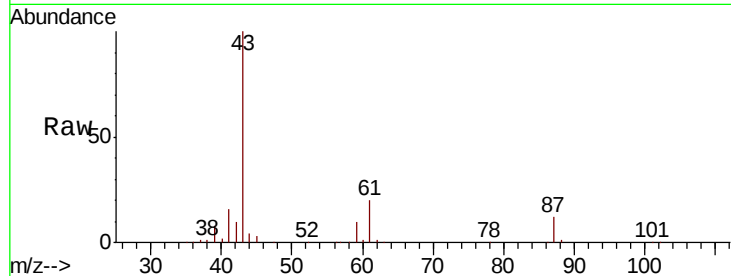
Tot Ion: 43 Resp: 142728

Ion Ratio Lower Upper

43 100

61 19.7 17.0 25.4

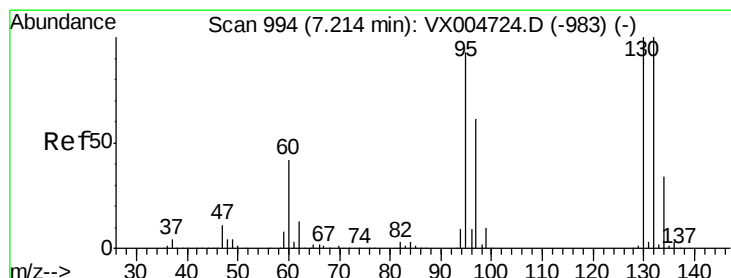
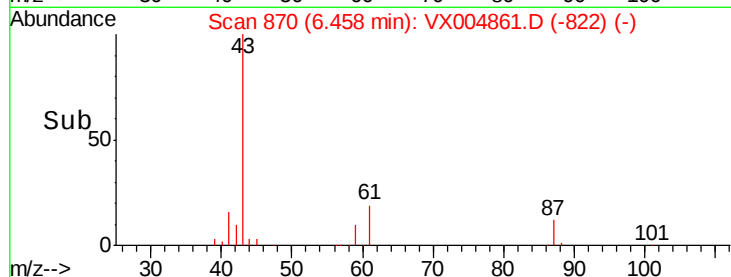
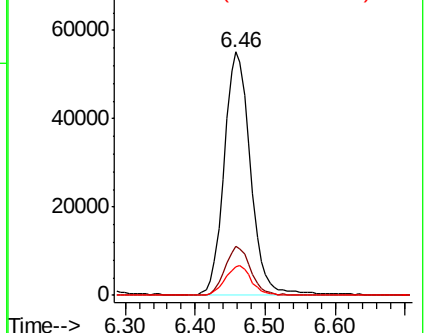
87 12.3 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX004724.D (-859) (-)

Ion 61.00 (60.70 to 61.70): VX004724.D (-859) (-)

Ion 87.00 (86.70 to 87.70): VX004724.D (-859) (-)



#44

Trichloroethene

Concen: 19.659 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX004861.D

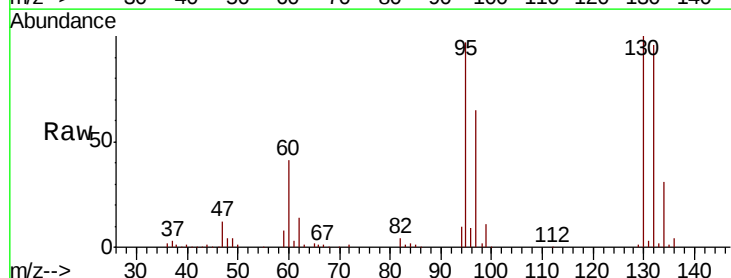
Acq: 01 Oct 2018 11:00

Tgt Ion:130 Resp: 62797

Ion Ratio Lower Upper

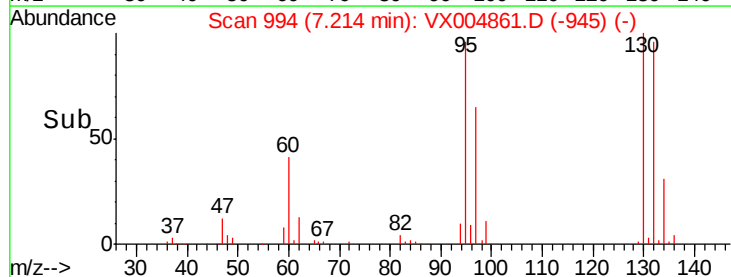
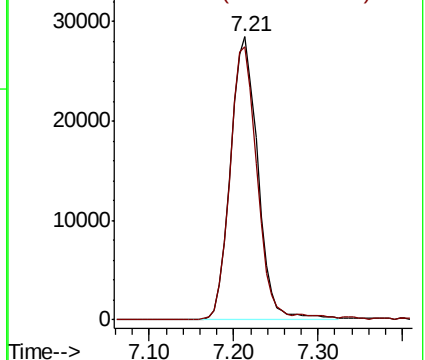
130 100

95 96.5 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): VX004724.D (-983) (-)

Ion 94.90 (94.60 to 95.60): VX004724.D (-983) (-)





#45

1,2-Dichloropropane

Concen: 20.113 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX004861.D

Acq: 01 Oct 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

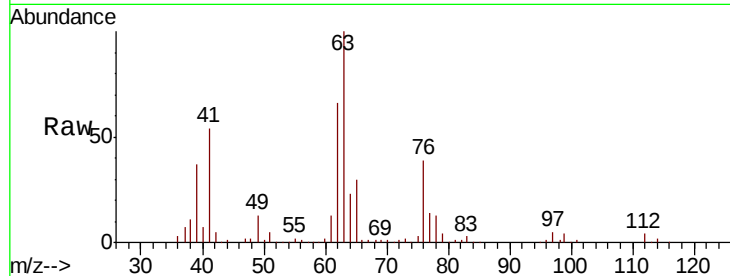
VX1001WBS01

Tot Ion: 63 Resp: 64090

Ion Ratio Lower Upper

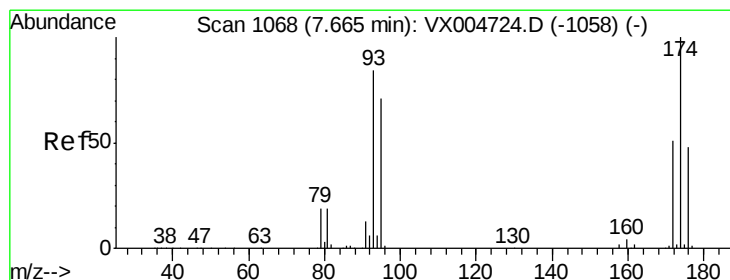
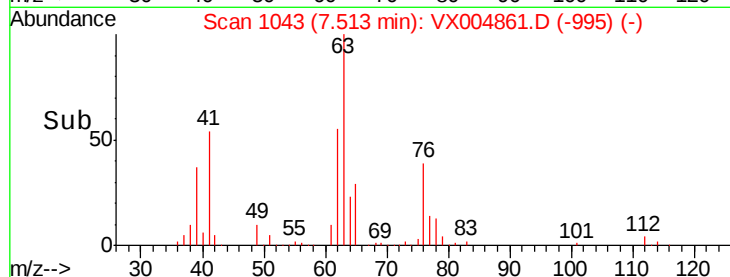
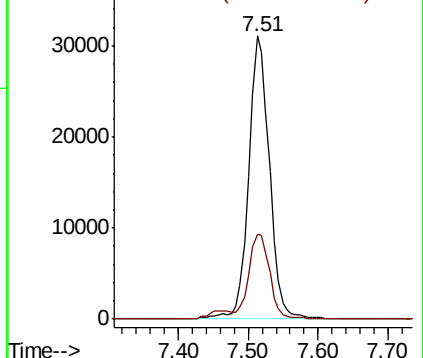
63 100

65 30.1 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.030 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX004861.D

Acq: 01 Oct 2018 11:00

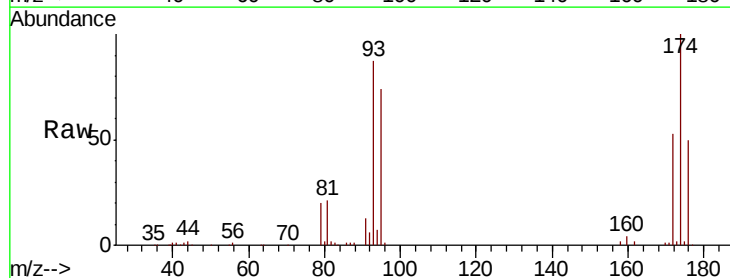
Tgt Ion: 93 Resp: 40111

Ion Ratio Lower Upper

93 100

95 83.4 65.5 98.3

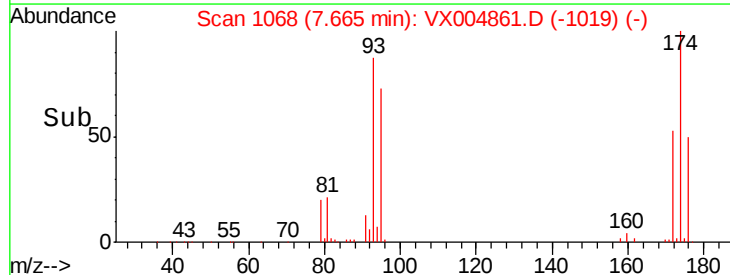
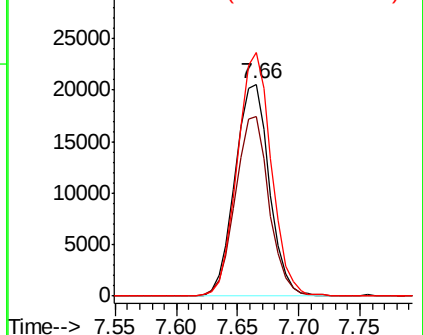
174 113.8 94.2 141.4

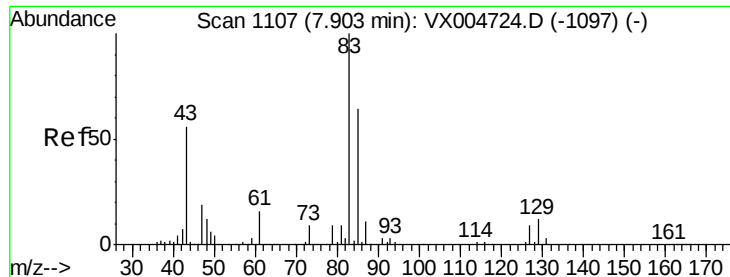


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.409 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX004861.D

Acq: 01 Oct 2018 11:00

Instrument :

MSVOA_X

ClientSampled :

VX1001WBS01

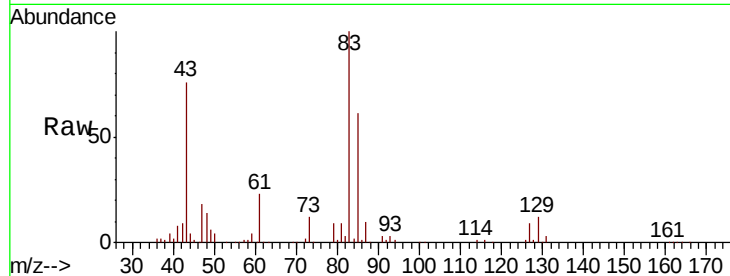
Tot Ion: 83 Resp: 76521

Ion Ratio Lower Upper

83 100

85 61.3 50.9 76.3

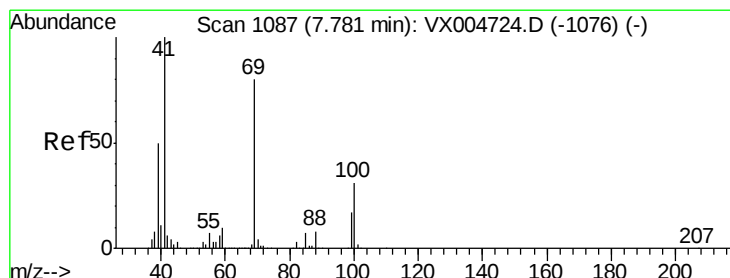
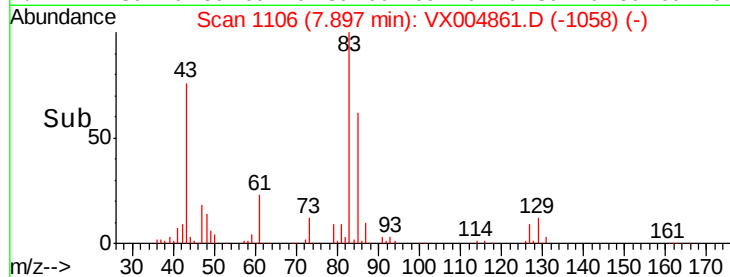
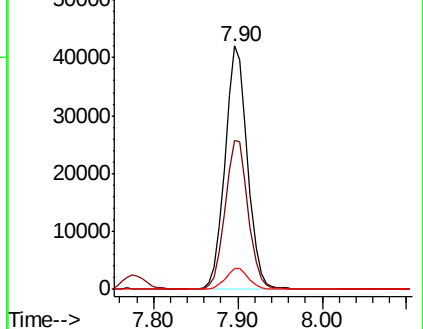
127 8.7 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.740 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX004861.D

Acq: 01 Oct 2018 11:00

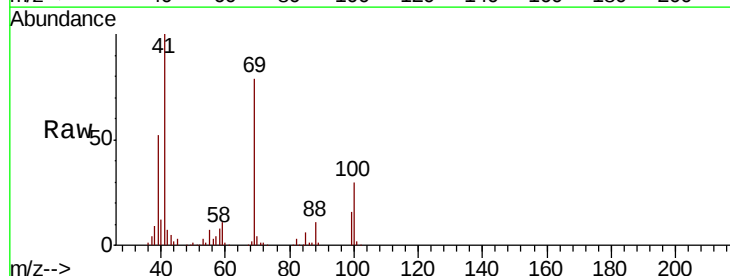
Tgt Ion: 41 Resp: 74857

Ion Ratio Lower Upper

41 100

69 80.2 70.2 105.4

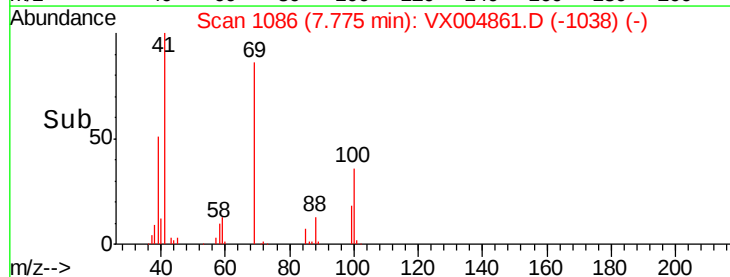
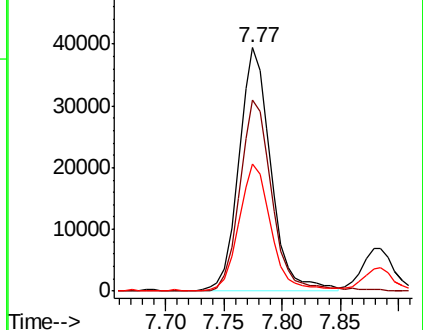
39 51.6 42.7 64.1

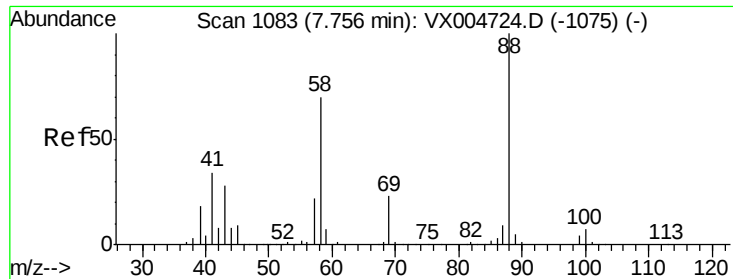


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

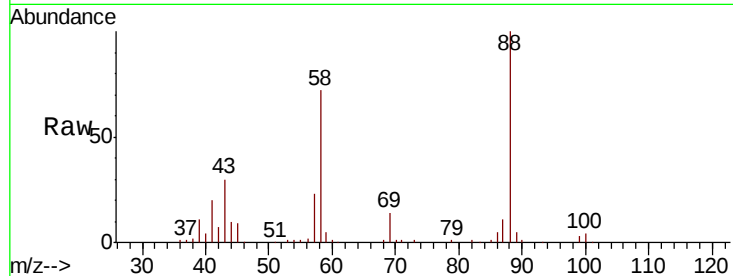




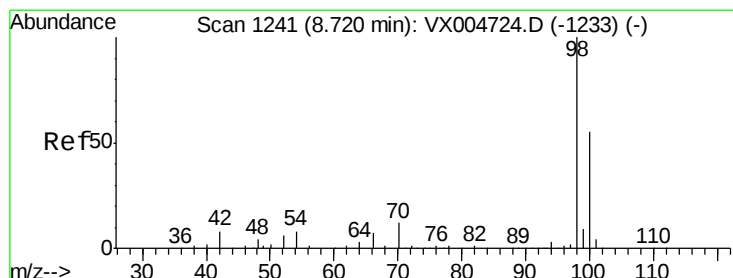
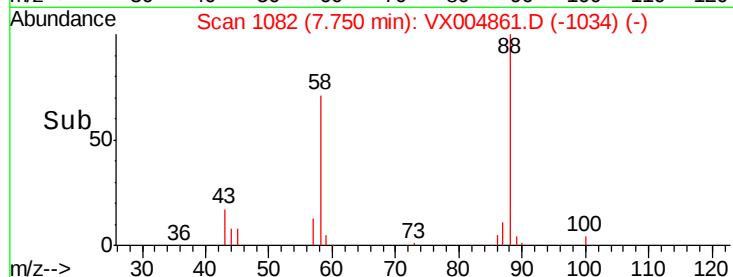
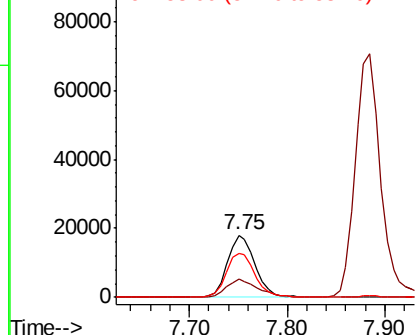
#49
1,4-Dioxane
Concen: 392.251 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX004861.D
Acq: 01 Oct 2018 11:00

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBS01

Tot Ion: 88 Resp: 35172
Ion Ratio Lower Upper
88 100
43 32.3 24.7 37.1
58 74.2 55.3 82.9

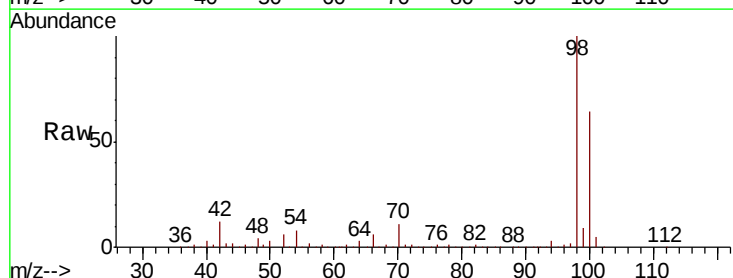


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

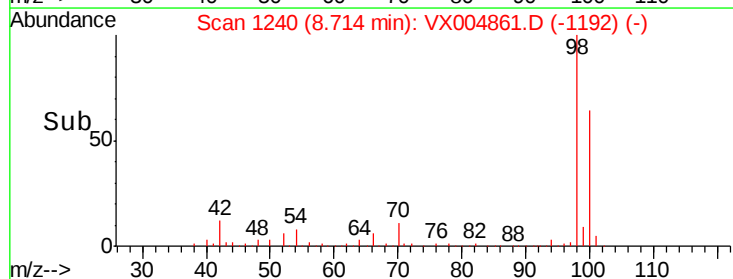
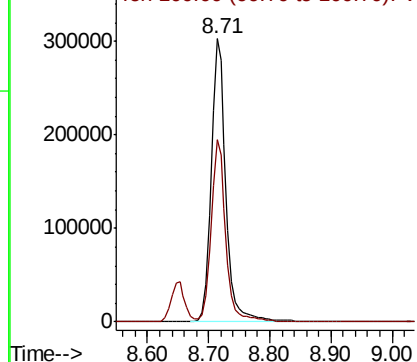


#50
Toluene-d8
Concen: 50.636 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004861.D
Acq: 01 Oct 2018 11:00

Tgt Ion: 98 Resp: 512085
Ion Ratio Lower Upper
98 100
100 64.4 52.9 79.3



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

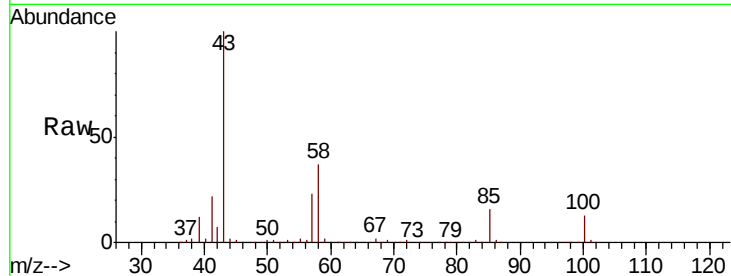




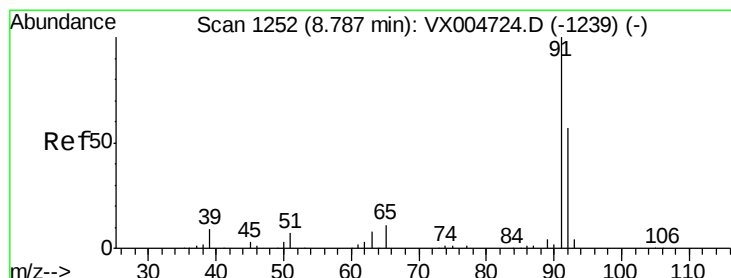
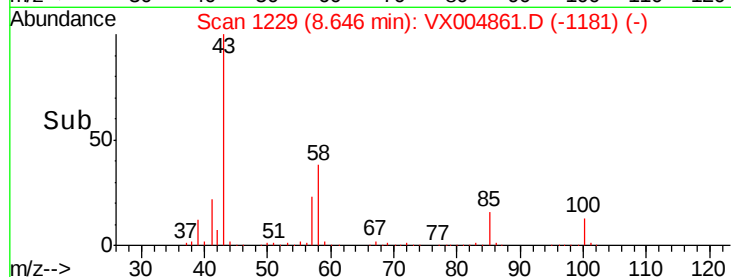
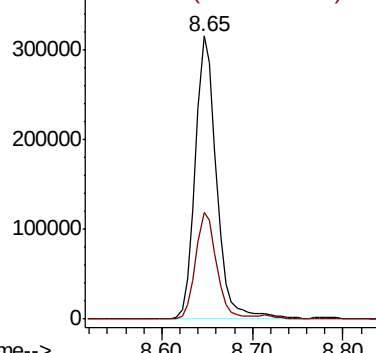
#51
4-Methyl-2-Pentanone
Concen: 103.724 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VX004861.D
Acq: 01 Oct 2018 11:00

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBS01

Tot Ion: 43 Resp: 519328
Ion Ratio Lower Upper
43 100
58 37.0 33.1 49.7

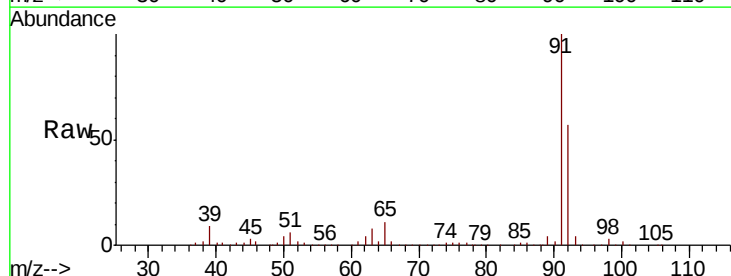


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

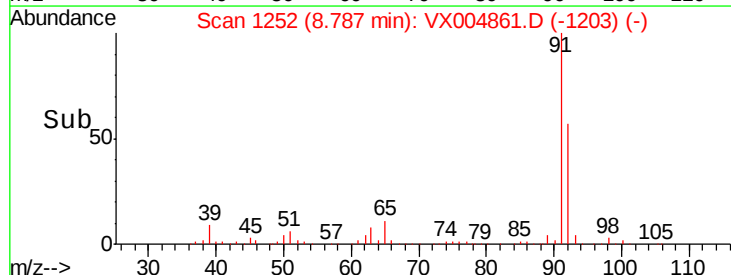
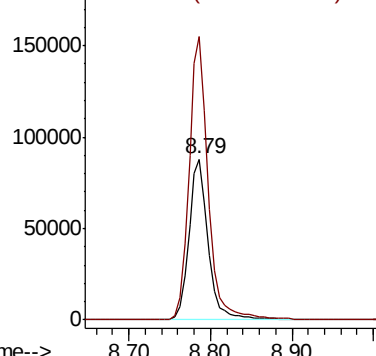


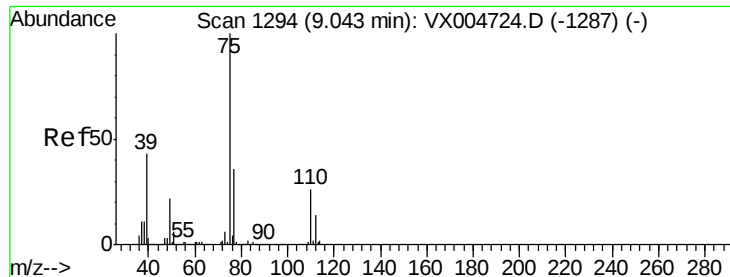
#52
Toluene
Concen: 20.390 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX004861.D
Acq: 01 Oct 2018 11:00

Tgt Ion: 92 Resp: 145583
Ion Ratio Lower Upper
92 100
91 175.4 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 19.897 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX004861.D

Acq: 01 Oct 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

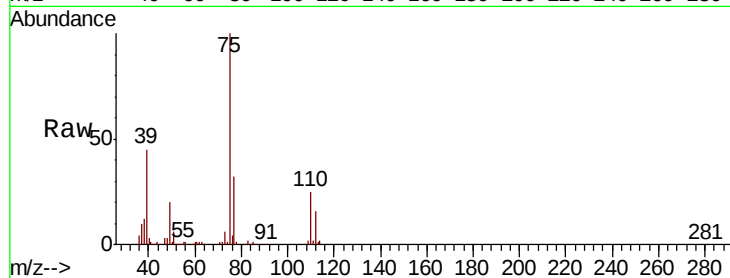
VX1001WBS01

Tot Ion: 75 Resp: 84302

Ion Ratio Lower Upper

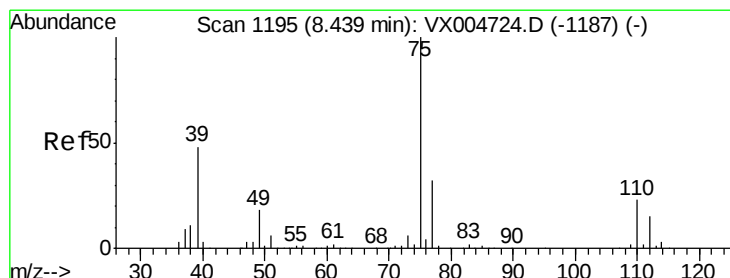
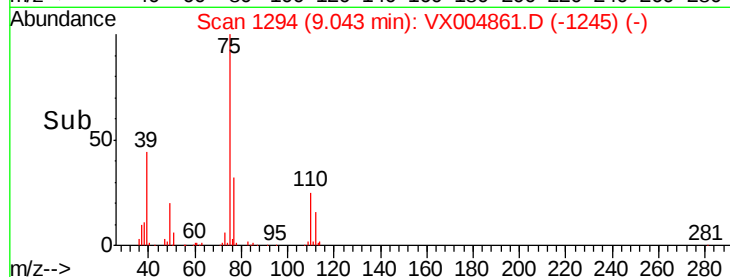
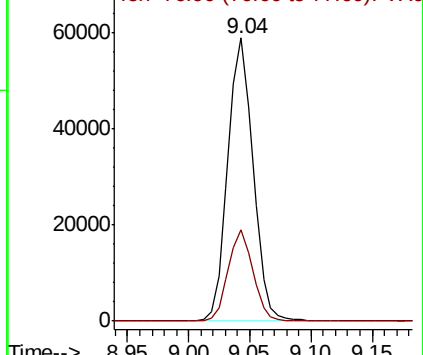
75 100

77 32.3 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.893 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.01 min

Lab File: VX004861.D

Acq: 01 Oct 2018 11:00

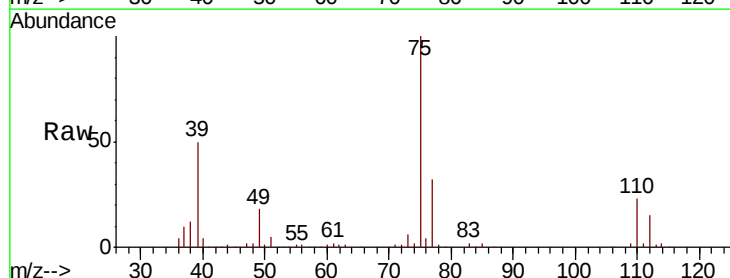
Tgt Ion: 75 Resp: 92721

Ion Ratio Lower Upper

75 100

77 31.9 26.2 39.2

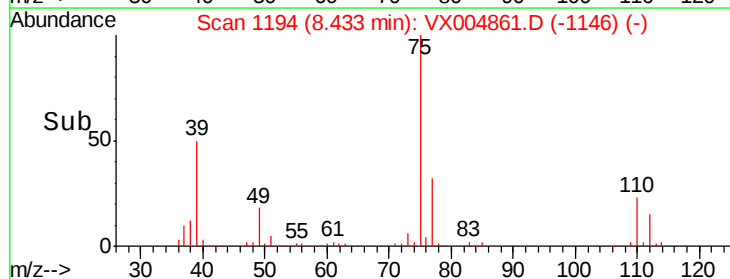
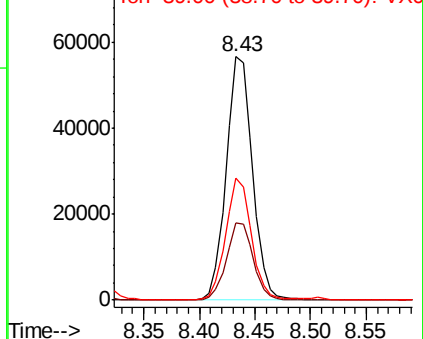
39 49.6 36.4 54.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

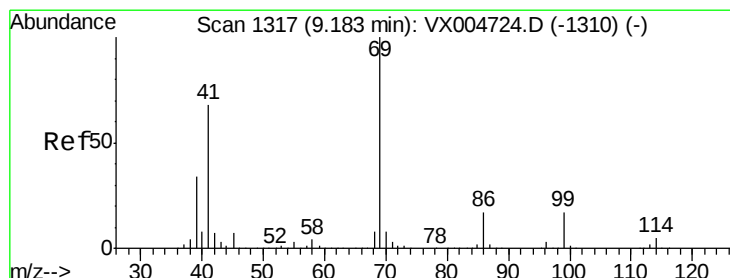
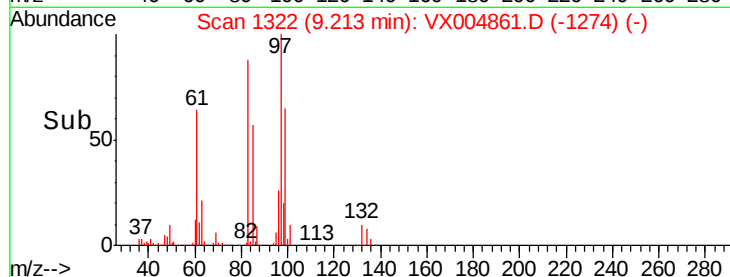
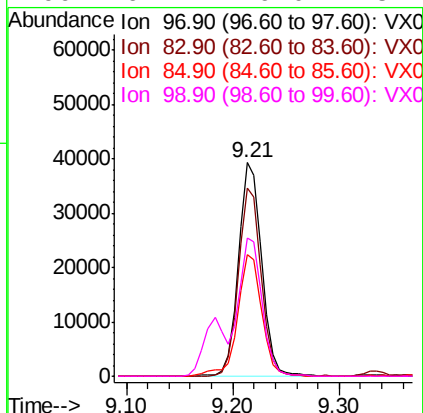
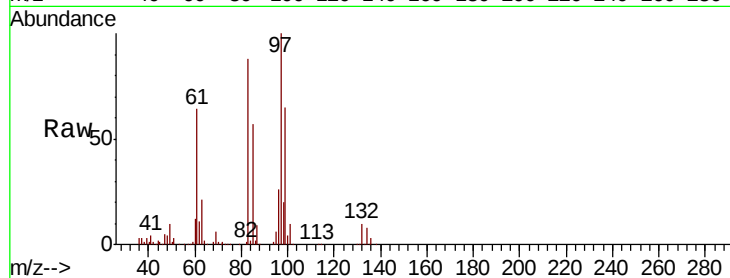




#55
 1,1,2-Trichloroethane
 Concen: 19.253 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX004861.D
 Acq: 01 Oct 2018 11:00

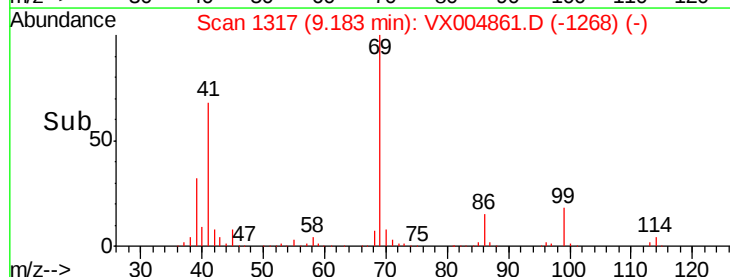
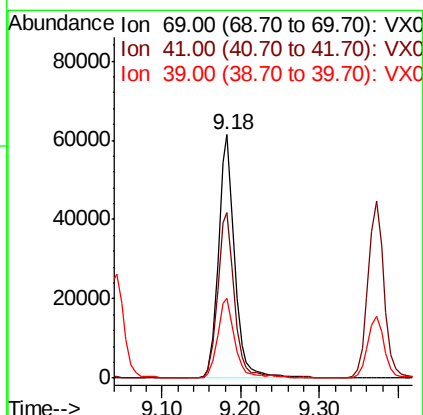
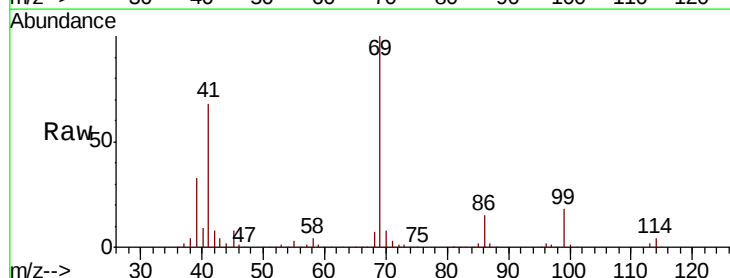
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBS01

Tot Ion:	97	Resp:	60214
Ion	Ratio	Lower	Upper
97	100		
83	88.0	66.4	99.6
85	57.2	43.3	64.9
99	64.7	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 19.282 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX004861.D
 Acq: 01 Oct 2018 11:00

Tgt Ion:	69	Resp:	88390
Ion	Ratio	Lower	Upper
69	100		
41	69.5	51.0	76.4
39	33.9	26.1	39.1





#57

1,3-Dichloropropane

Concen: 19.442 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX004861.D

Acq: 01 Oct 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

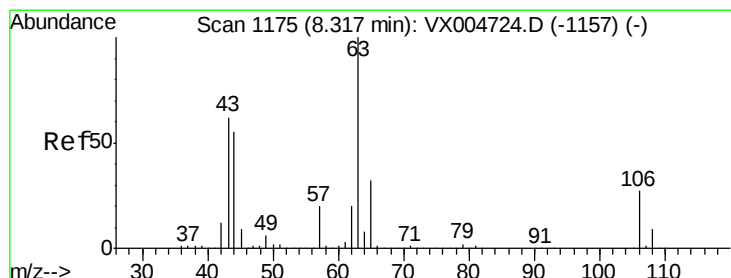
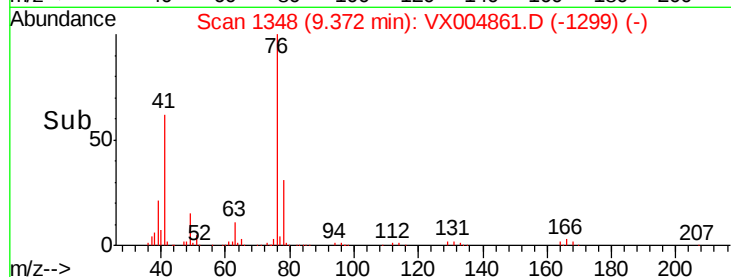
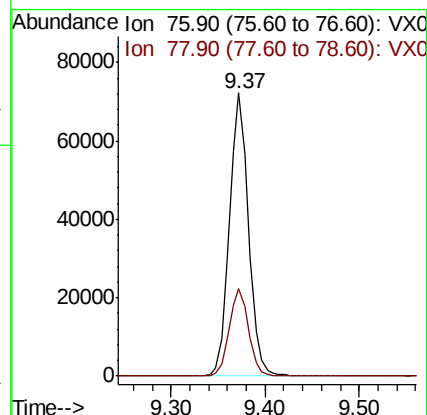
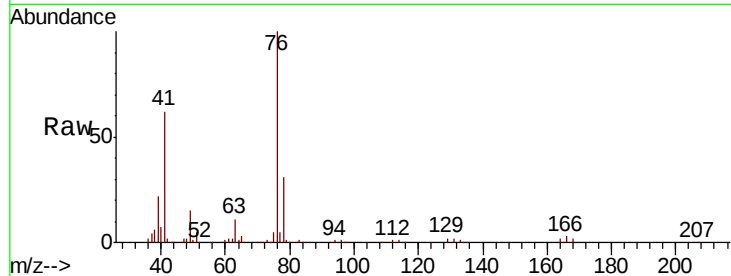
VX1001WBS01

Tot Ion: 76 Resp: 101201

Ion Ratio Lower Upper

76 100

78 31.7 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 101.867 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX004861.D

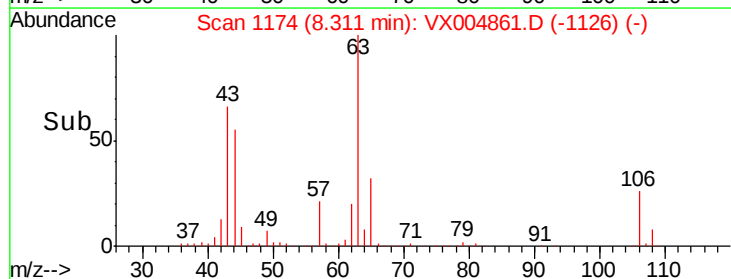
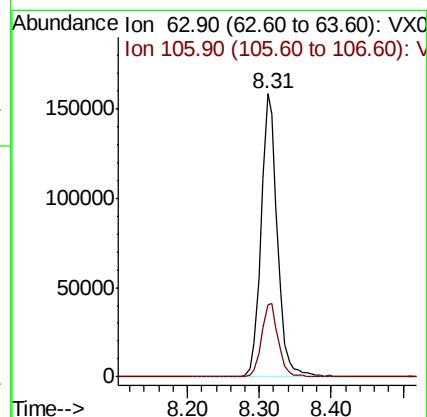
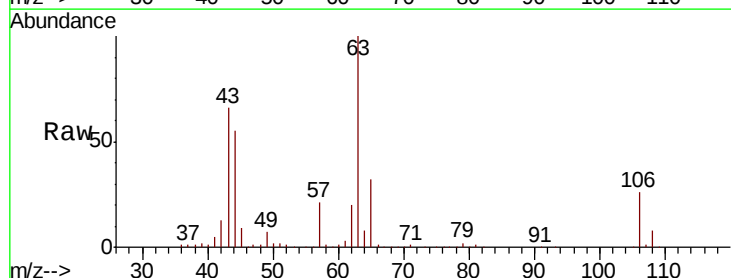
Acq: 01 Oct 2018 11:00

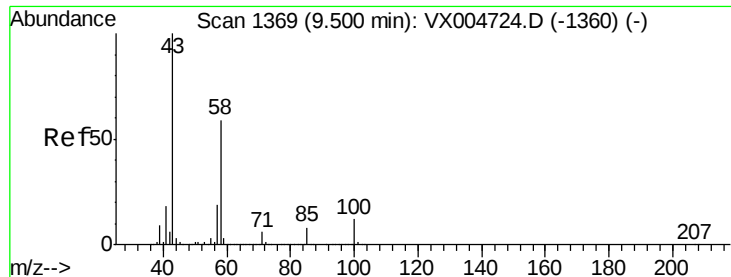
Tgt Ion: 63 Resp: 250394

Ion Ratio Lower Upper

63 100

106 26.7 23.9 35.9

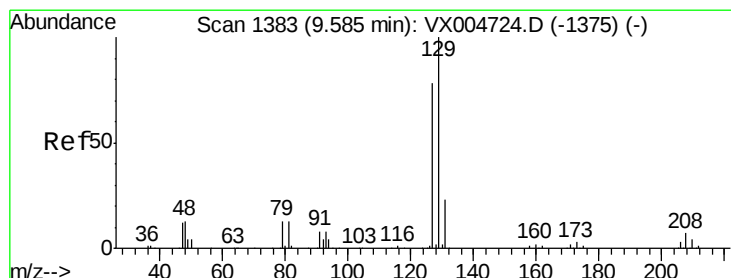
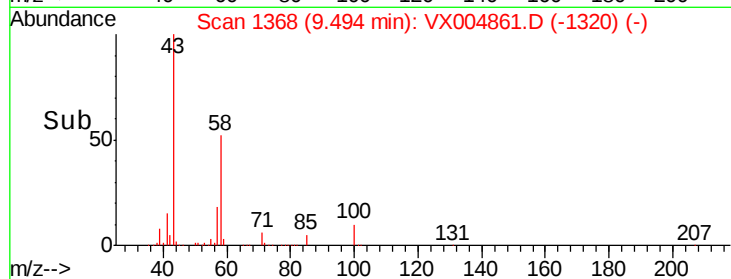
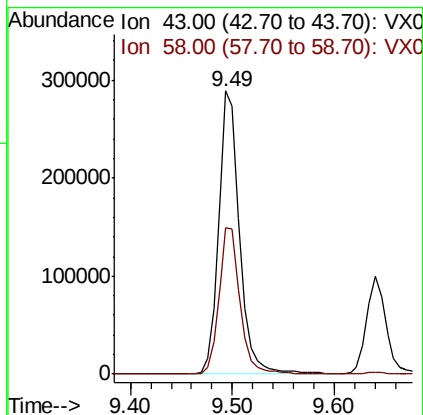
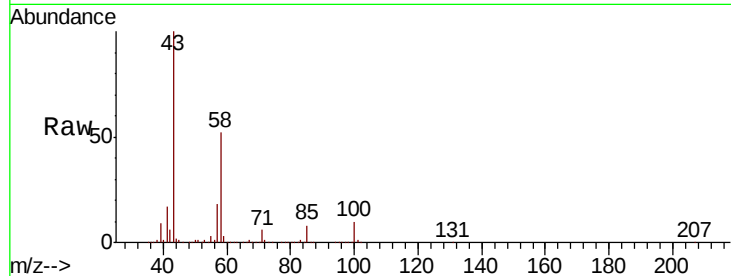




#59
2-Hexanone
Concen: 99.359 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX004861.D
Acq: 01 Oct 2018 11:00

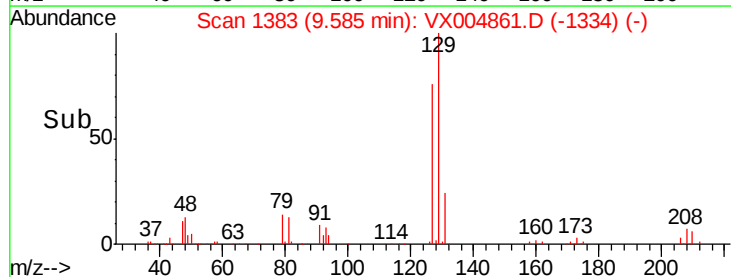
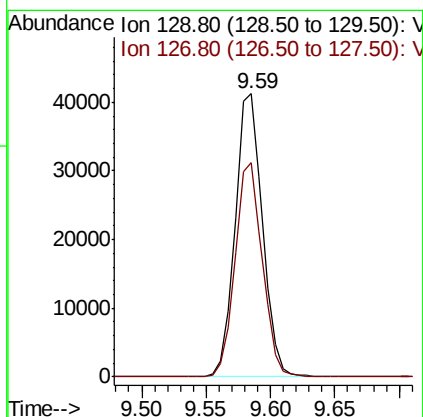
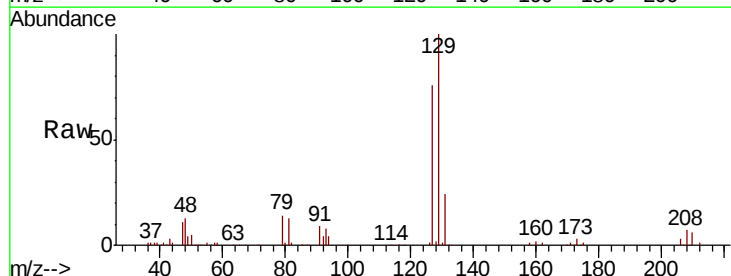
Instrument :
MSVOA_X
ClientSampleId :
VX1001WBS01

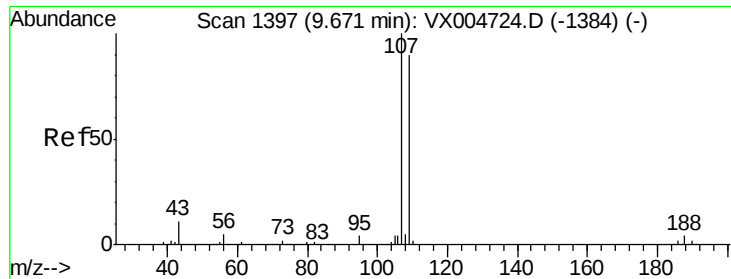
Tot Ion: 43 Resp: 414556
Ion Ratio Lower Upper
43 100
58 52.4 29.0 87.0



#60
Dibromochloromethane
Concen: 19.417 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX004861.D
Acq: 01 Oct 2018 11:00

Tgt Ion: 129 Resp: 60732
Ion Ratio Lower Upper
129 100
127 75.6 38.5 115.5





#61

1,2-Dibromoethane

Concen: 18.414 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX004861.D

Acq: 01 Oct 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

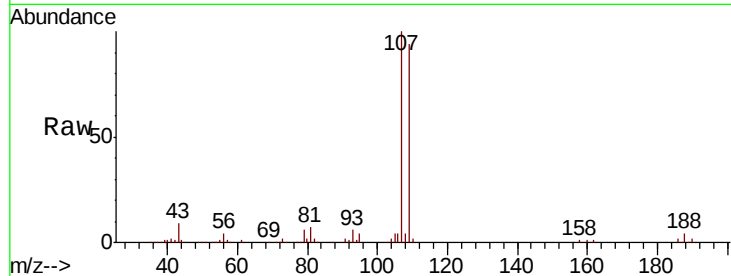
VX1001WBS01

Tot Ion:107 Resp: 61674

Ion Ratio Lower Upper

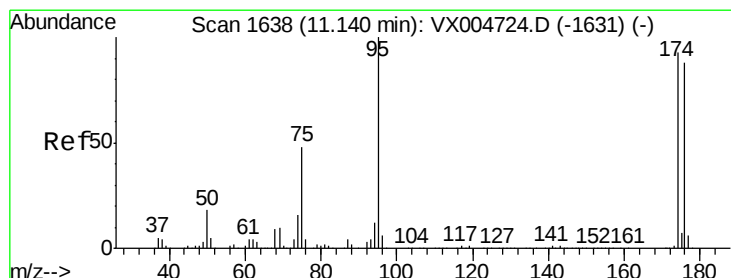
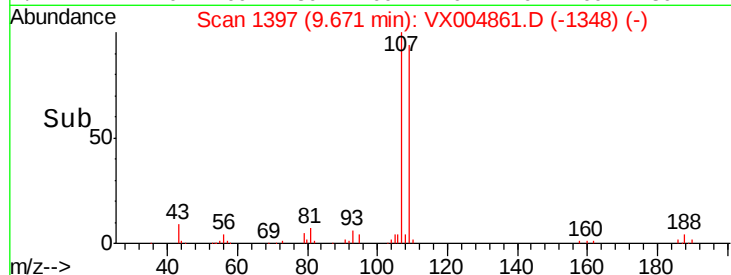
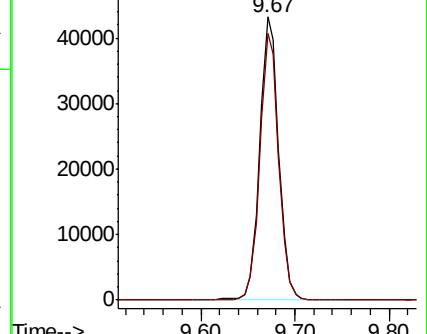
107 100

109 94.0 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.648 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004861.D

Acq: 01 Oct 2018 11:00

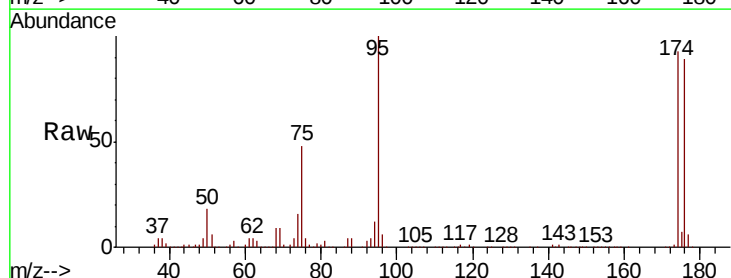
Tgt Ion: 95 Resp: 188169

Ion Ratio Lower Upper

95 100

174 90.9 0.0 185.2

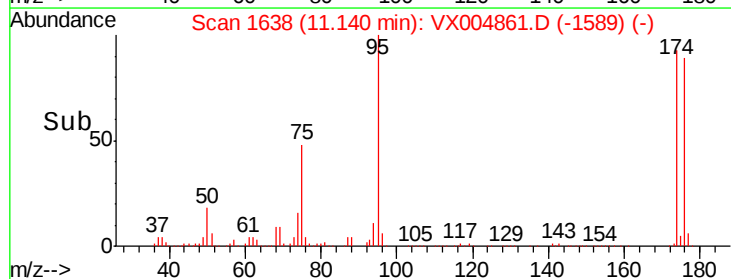
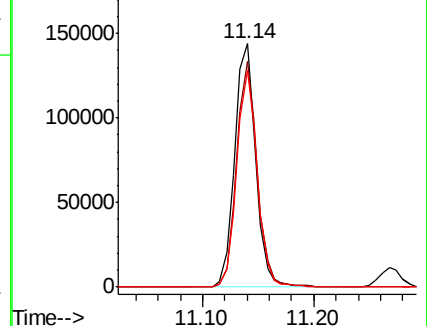
176 87.0 0.0 178.6

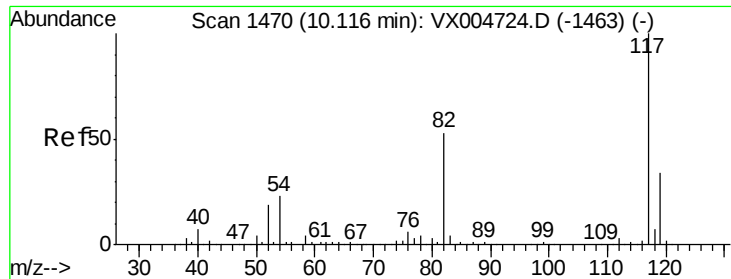


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

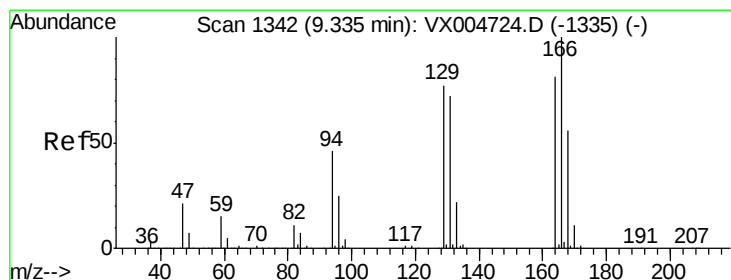
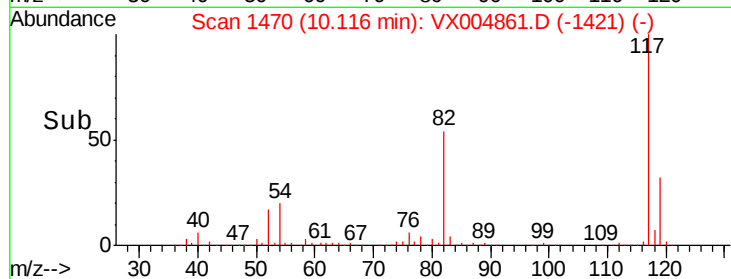
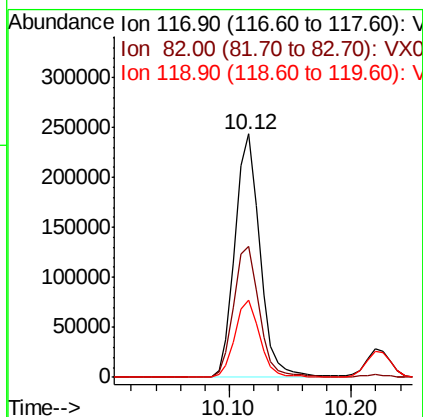
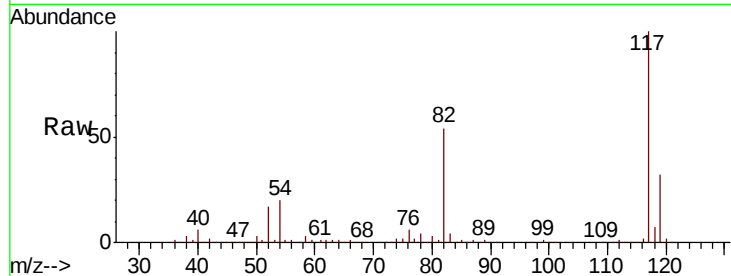




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004861.D
Acq: 01 Oct 2018 11:00

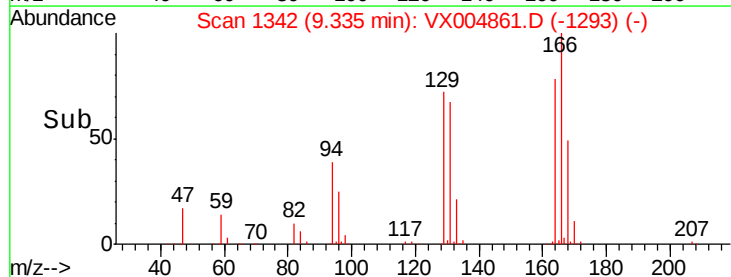
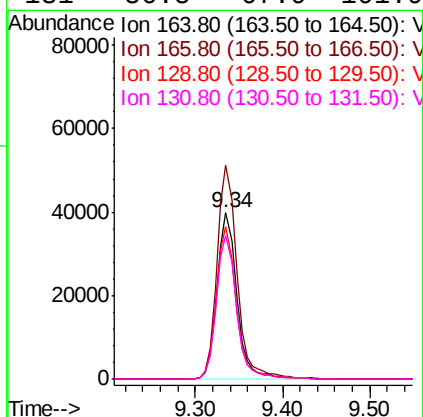
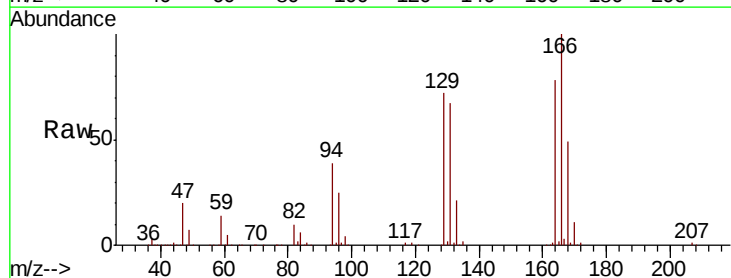
Instrument :
MSVOA_X
ClientSampleId :
VX1001WBS01

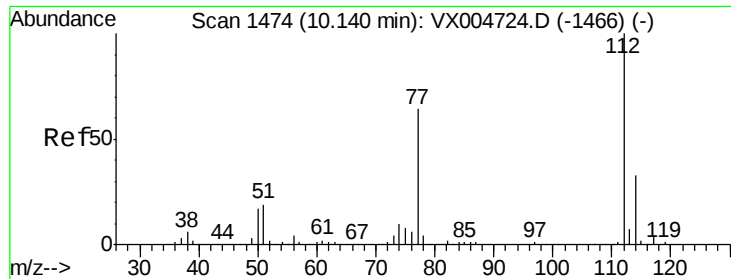
Tot Ion:117 Resp: 345084
Ion Ratio Lower Upper
117 100
82 53.8 47.8 71.6
119 31.9 29.3 43.9



#64
Tetrachloroethene
Concen: 18.503 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004861.D
Acq: 01 Oct 2018 11:00

Tgt Ion:164 Resp: 62842
Ion Ratio Lower Upper
164 100
166 128.5 102.8 154.2
129 91.9 69.4 104.0
131 86.5 67.9 101.9





#65

Chlorobenzene

Concen: 18.519 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX004861.D

Acq: 01 Oct 2018 11:00

Instrument :

MSVOA_X

ClientSampled :

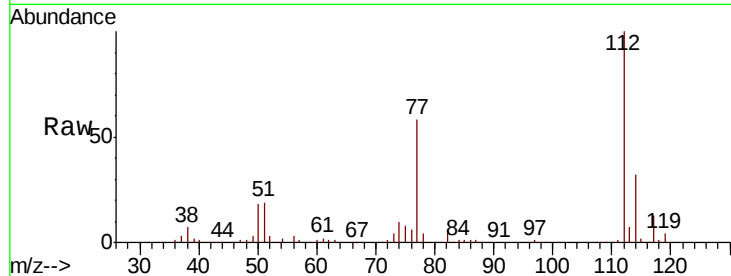
VX1001WBS01

Tot Ion:112 Resp: 163869

Ion Ratio Lower Upper

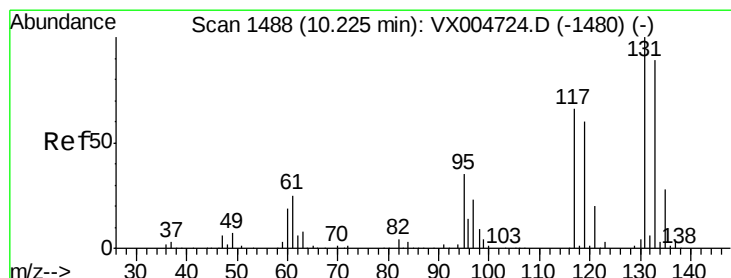
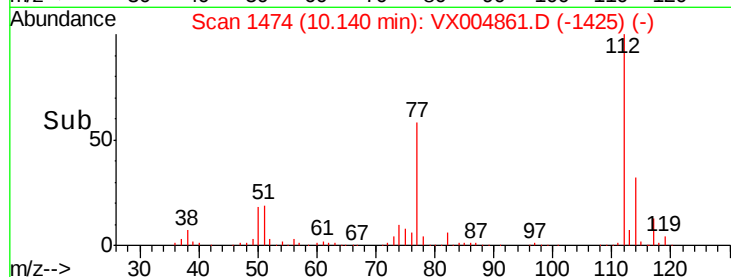
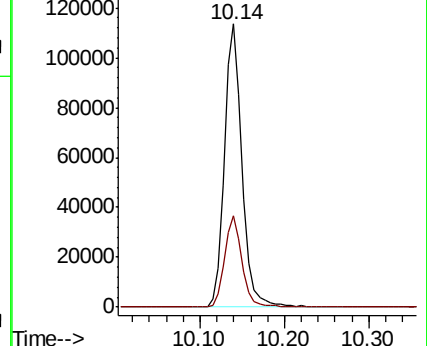
112 100

114 32.2 27.8 41.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.526 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.01 min

Lab File: VX004861.D

Acq: 01 Oct 2018 11:00

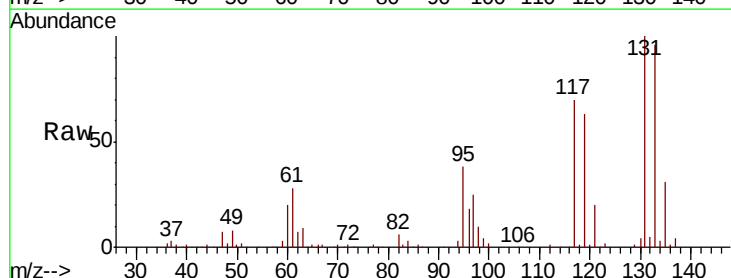
Tgt Ion:131 Resp: 57633

Ion Ratio Lower Upper

131 100

133 97.1 48.1 144.4

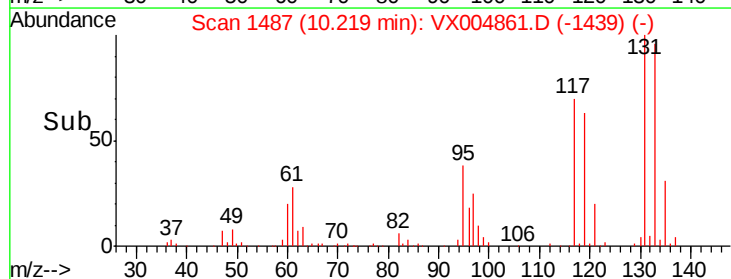
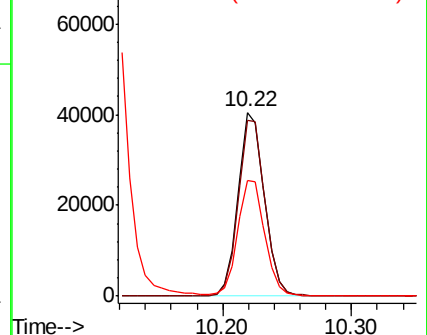
119 65.2 32.9 98.6

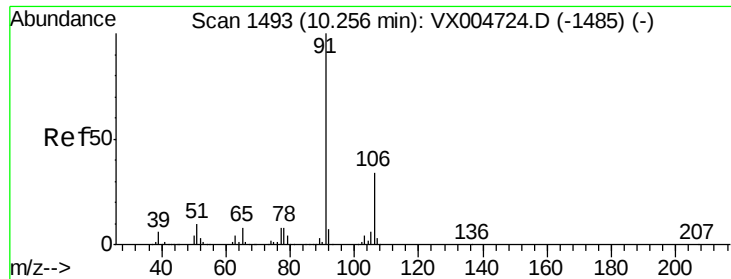


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

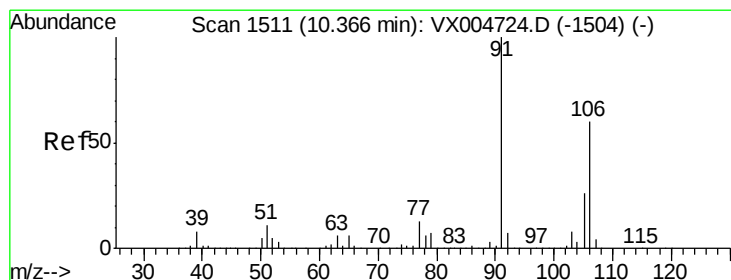
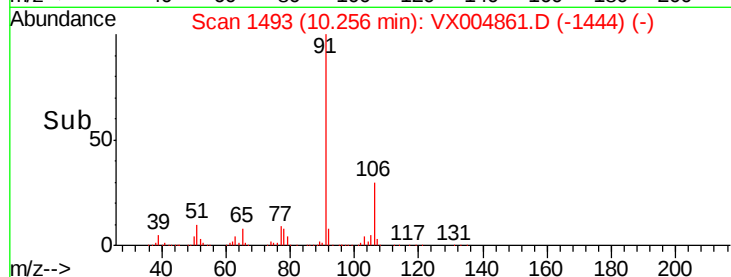
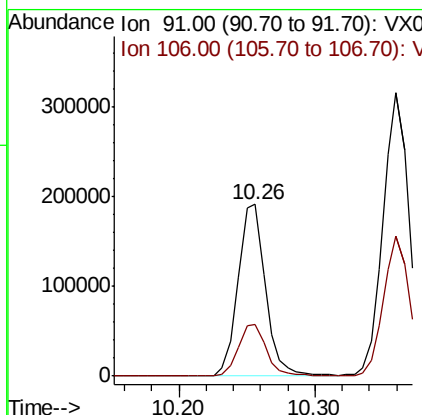
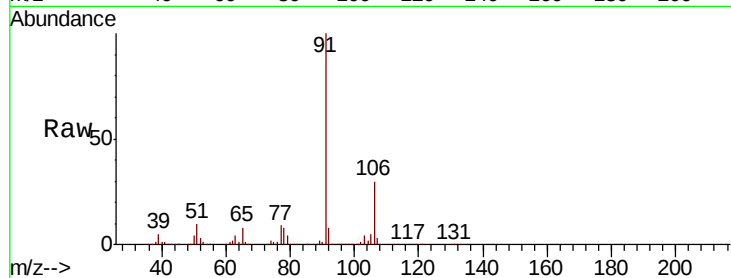




#67
Ethyl Benzene
Concen: 19.266 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004861.D
Acq: 01 Oct 2018 11:00

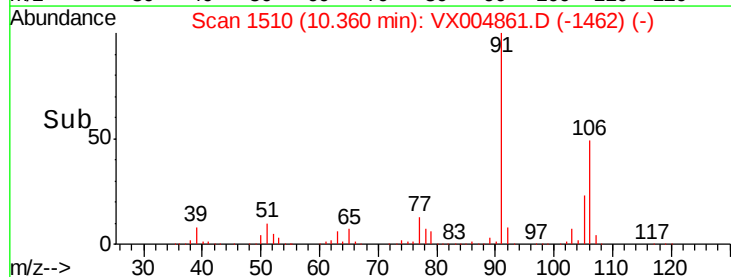
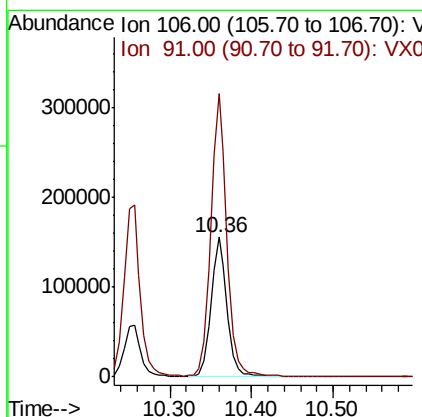
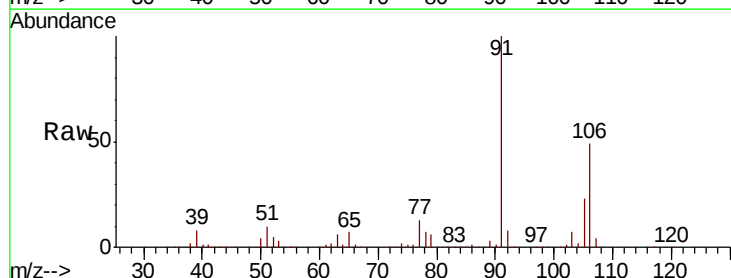
Instrument :
MSVOA_X
ClientSampled :
VX1001WBS01

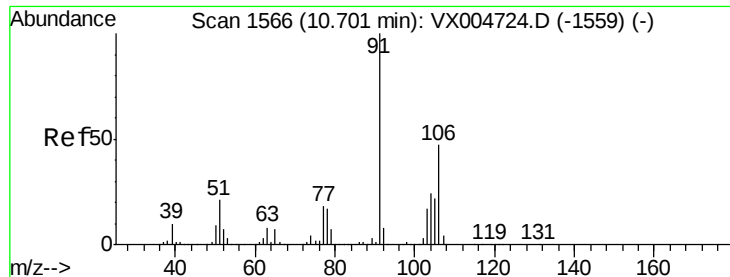
Tot Ion: 91 Resp: 270666
Ion Ratio Lower Upper
91 100
106 30.2 25.9 38.9



#68
m/p-Xylenes
Concen: 39.275 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004861.D
Acq: 01 Oct 2018 11:00

Tgt Ion: 106 Resp: 215615
Ion Ratio Lower Upper
106 100
91 203.8 157.1 235.7

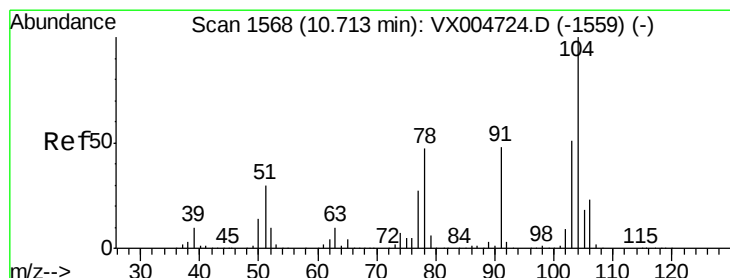
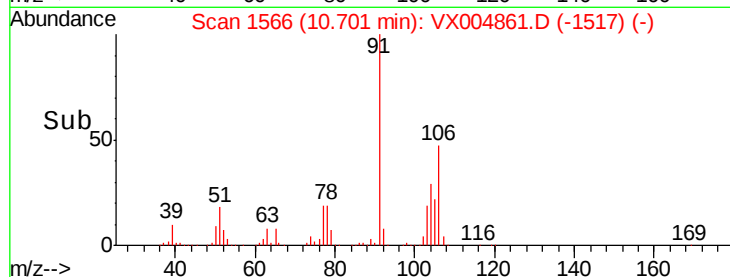
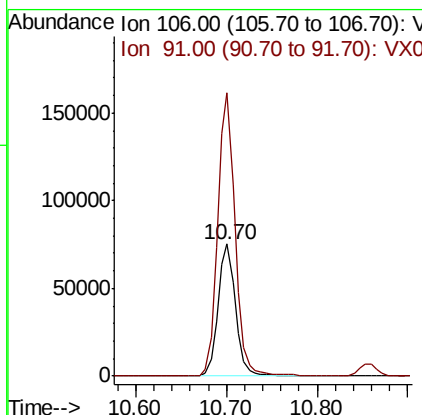
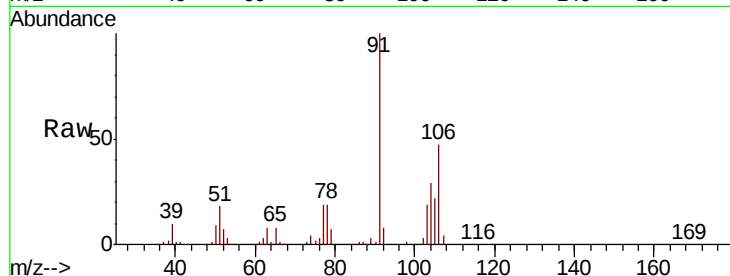




#69
o-Xylene
Concen: 20.178 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004861.D
Acq: 01 Oct 2018 11:00

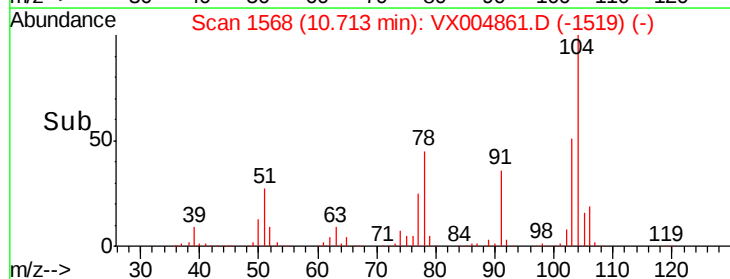
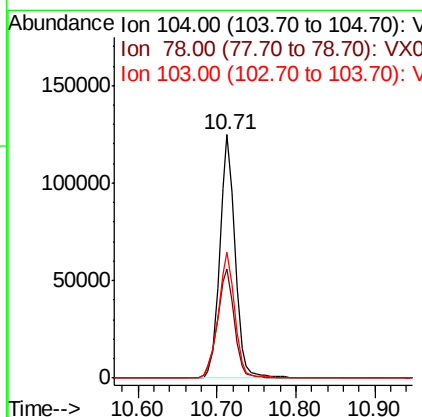
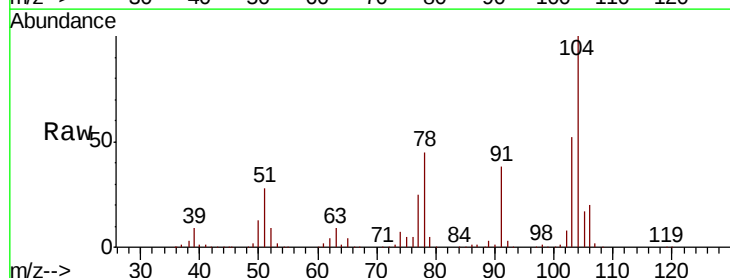
Instrument :
MSVOA_X
ClientSampleId :
VX1001WBS01

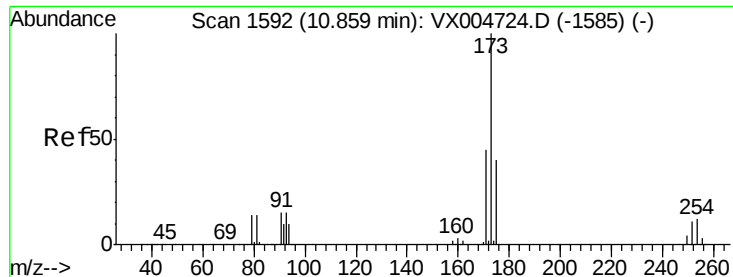
Tot Ion:106 Resp: 101748
Ion Ratio Lower Upper
106 100
91 213.6 105.1 315.1



#70
Styrene
Concen: 19.329 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004861.D
Acq: 01 Oct 2018 11:00

Tgt Ion:104 Resp: 169348
Ion Ratio Lower Upper
104 100
78 49.7 37.4 56.0
103 56.2 43.8 65.6





#71

Bromoform

Concen: 18.152 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX004861.D

Acq: 01 Oct 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBS01

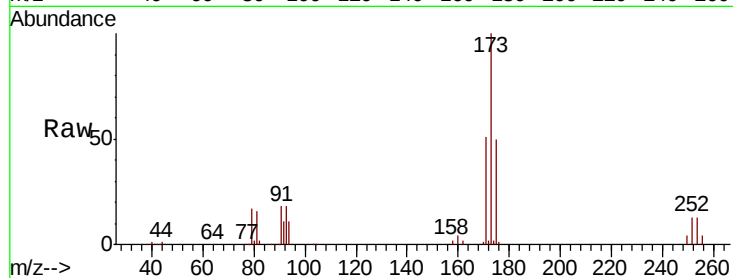
Tot Ion:173 Resp: 48344

Ion Ratio Lower Upper

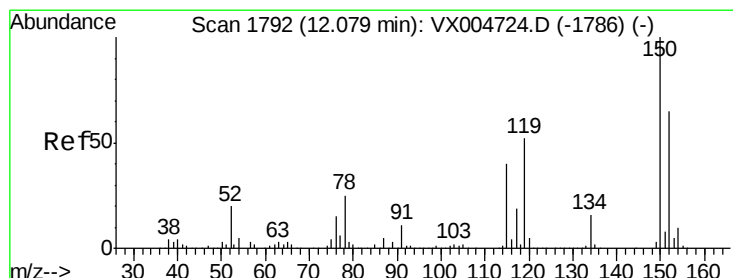
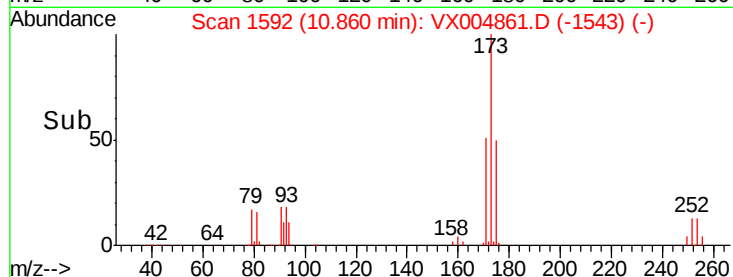
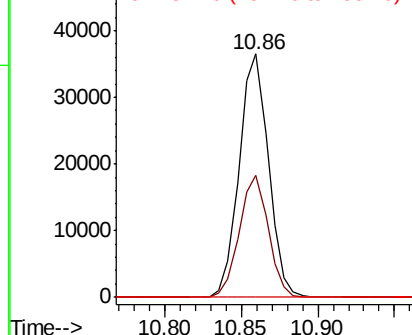
173 100

175 49.5 24.1 72.3

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004861.D

Acq: 01 Oct 2018 11:00

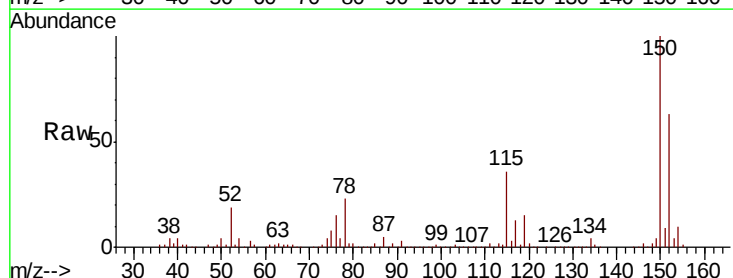
Tgt Ion:152 Resp: 211916

Ion Ratio Lower Upper

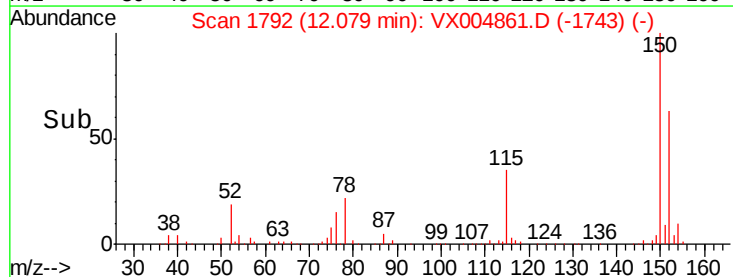
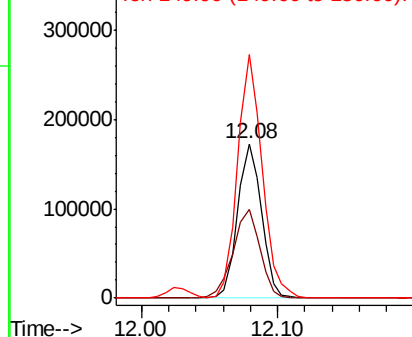
152 100

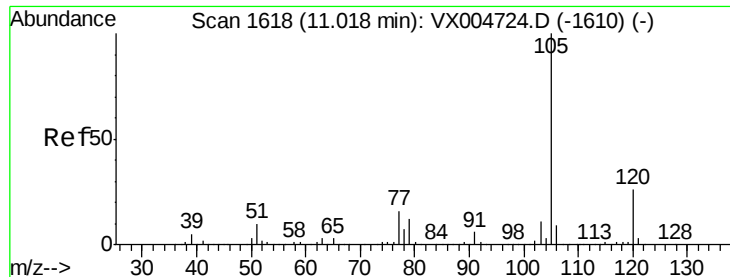
115 64.8 39.0 117.0

150 162.5 0.0 351.0



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





#73

Isopropylbenzene

Concen: 20.782 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004861.D

Acq: 01 Oct 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

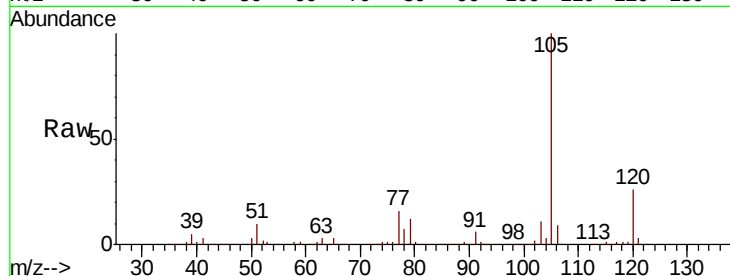
VX1001WBS01

Tot Ion: 105 Resp: 277591

Ion Ratio Lower Upper

105 100

120 26.5 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

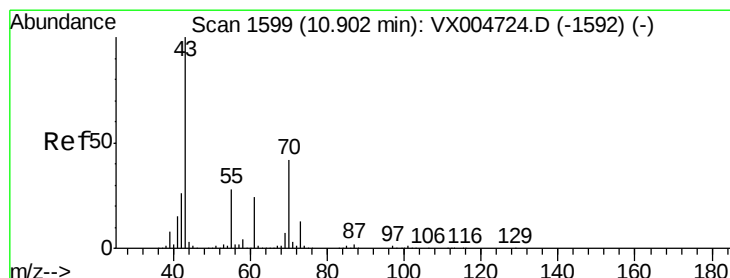
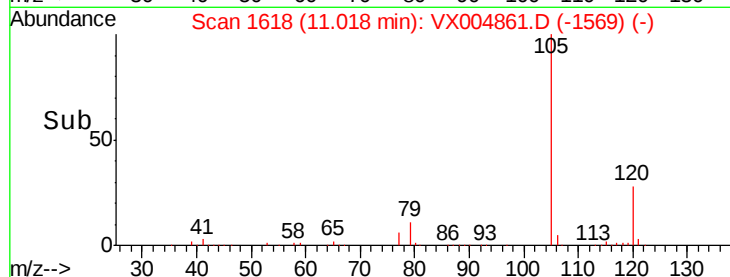
0

11.02

11.00

10.90

Time-->



#74

N-ethyl acetate

Concen: 18.359 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX004861.D

Acq: 01 Oct 2018 11:00

Tgt Ion: 43 Resp: 126371

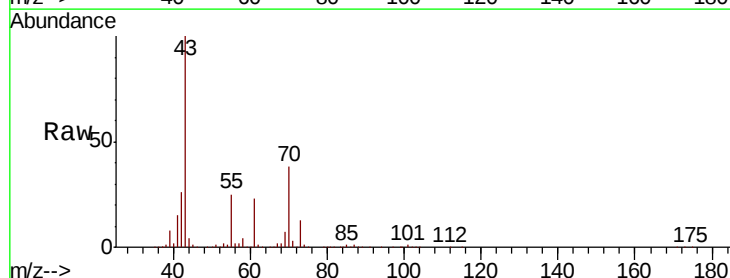
Ion Ratio Lower Upper

43 100

70 39.7 37.4 56.0

55 25.5 21.8 32.8

61 23.8 20.6 30.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

150000

100000

50000

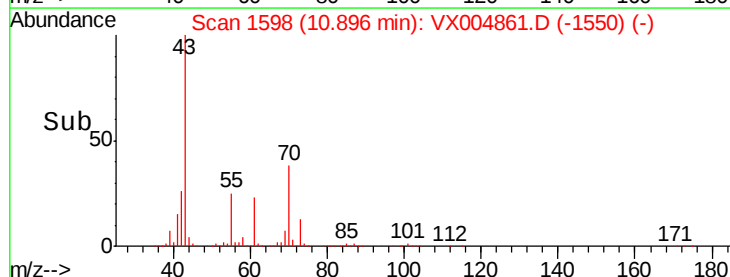
0

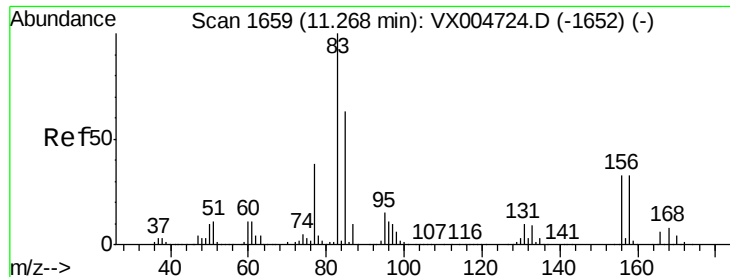
10.90

11.00

10.80

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.065 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX004861.D

Acq: 01 Oct 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBS01

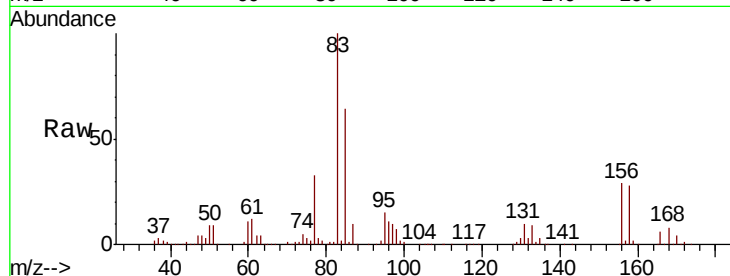
Tot Ion: 83 Resp: 98226

Ion Ratio Lower Upper

83 100

131 9.9 5.2 15.6

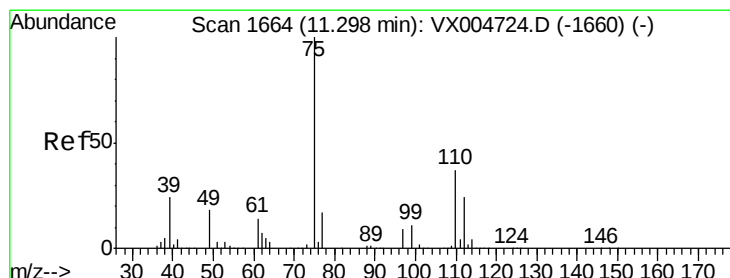
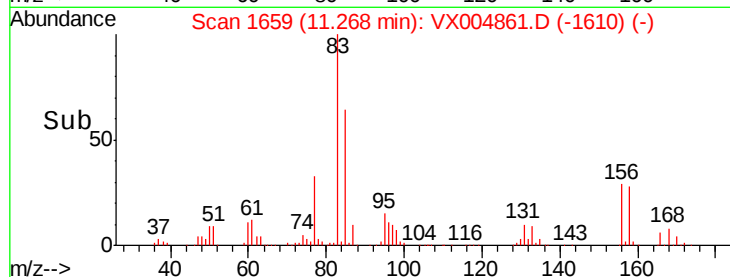
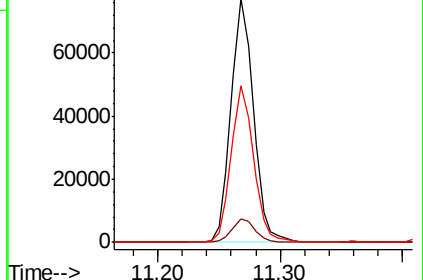
85 64.2 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.342 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX004861.D

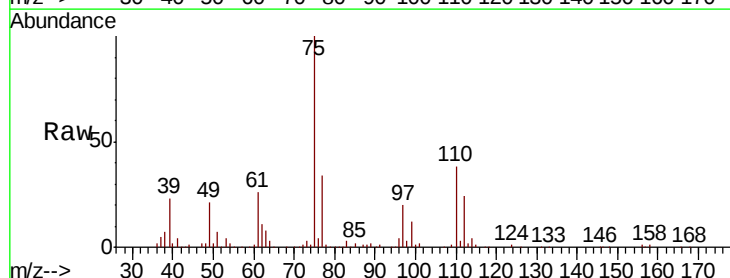
Acq: 01 Oct 2018 11:00

Tgt Ion: 75 Resp: 110871

Ion Ratio Lower Upper

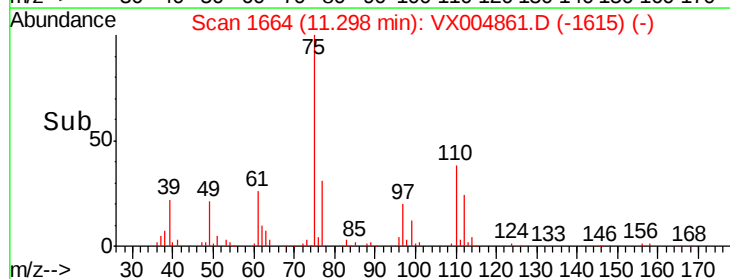
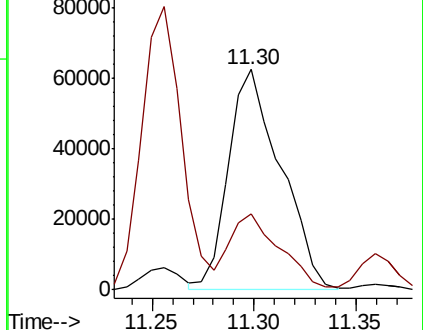
75 100

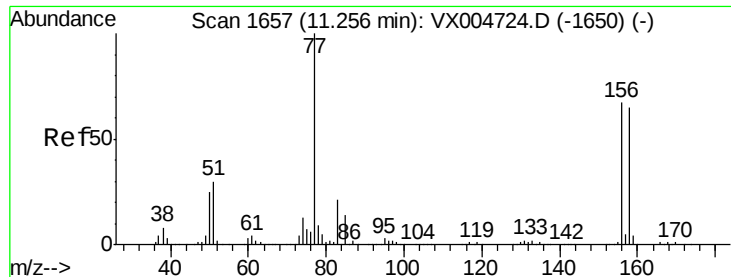
77 32.9 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.239 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX004861.D

Acq: 01 Oct 2018 11:00

Instrument :

MSVOA_X

ClientSampled :

VX1001WBS01

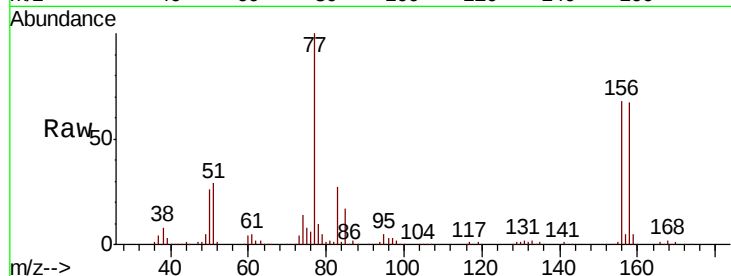
Tot Ion:156 Resp: 74643

Ion Ratio Lower Upper

156 100

77 147.5 71.5 214.3

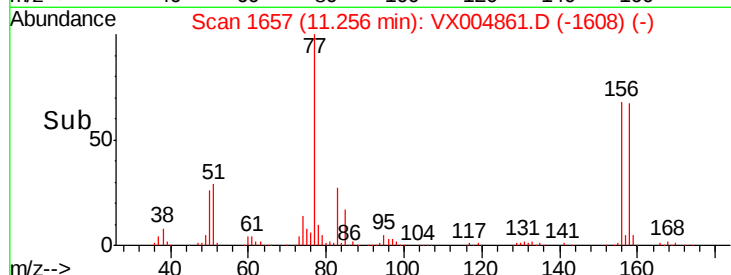
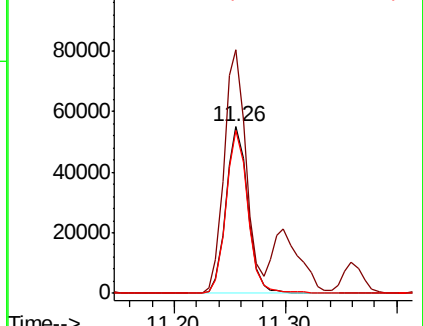
158 97.7 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.973 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004861.D

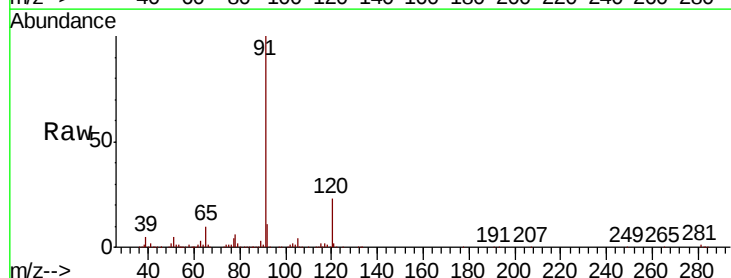
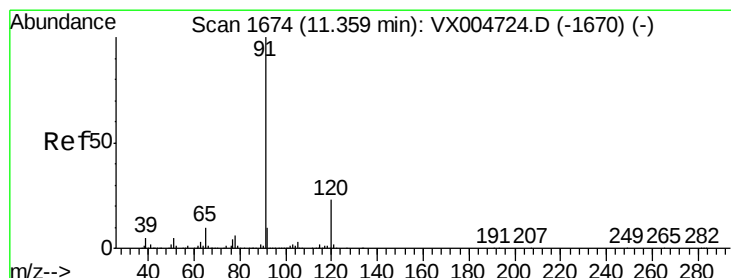
Acq: 01 Oct 2018 11:00

Tgt Ion: 91 Resp: 321433

Ion Ratio Lower Upper

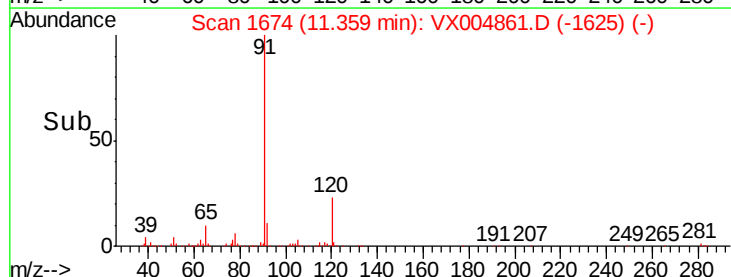
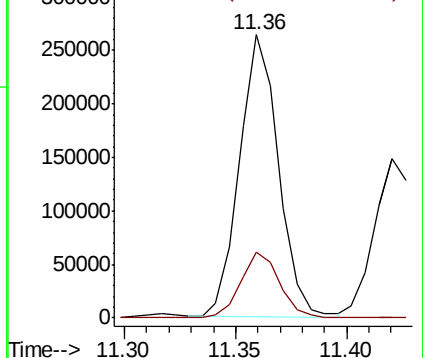
91 100

120 23.4 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

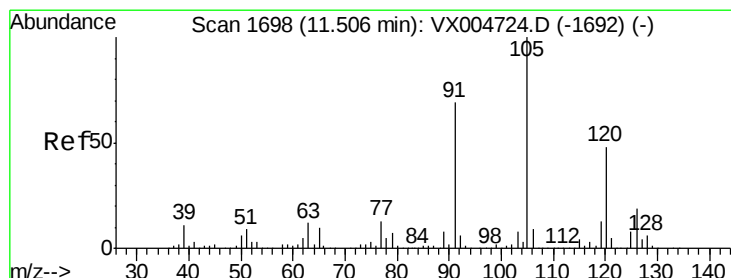
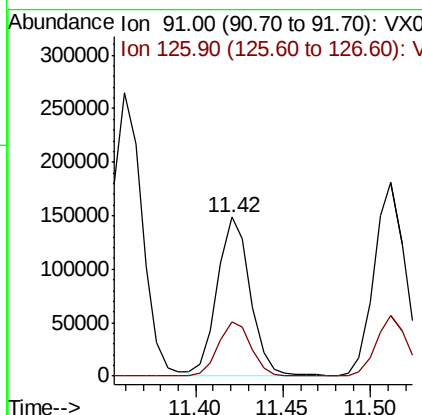
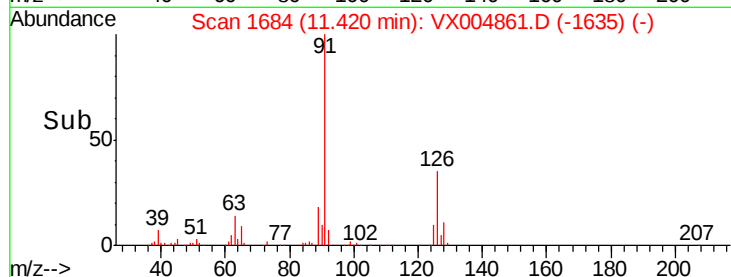
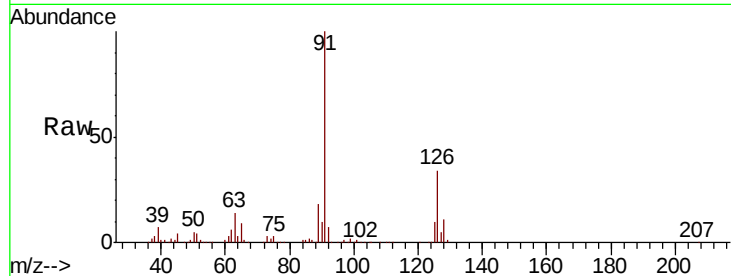




#79
 2-Chlorotoluene
 Concen: 20.180 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX004861.D
 Acq: 01 Oct 2018 11:00

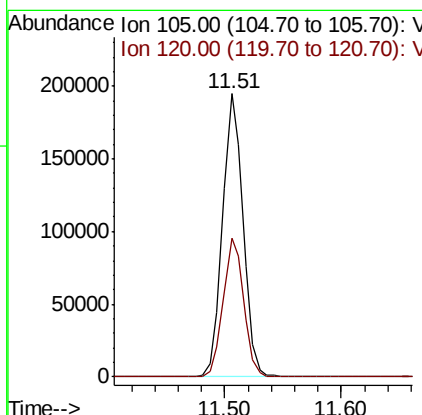
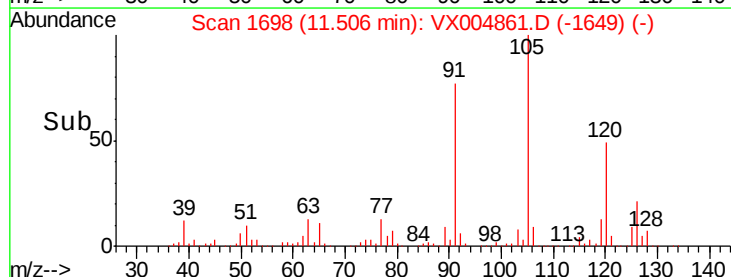
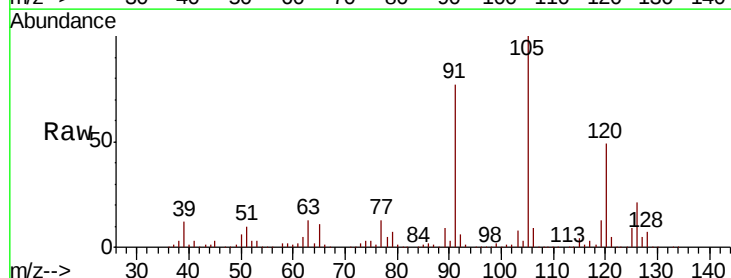
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBS01

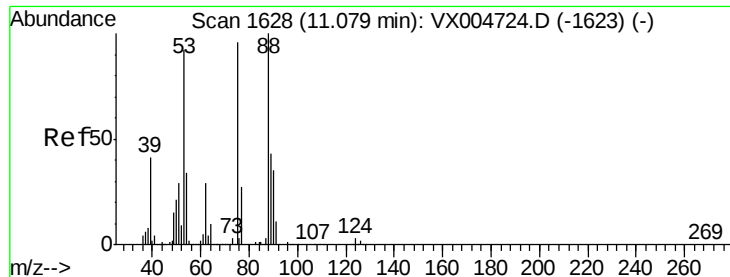
Tot Ion: 91 Resp: 192782
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 19.196 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX004861.D
 Acq: 01 Oct 2018 11:00

Tgt Ion: 105 Resp: 236502
 Ion Ratio Lower Upper
 105 100
 120 49.0 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.007 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX004861.D

Acq: 01 Oct 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBS01

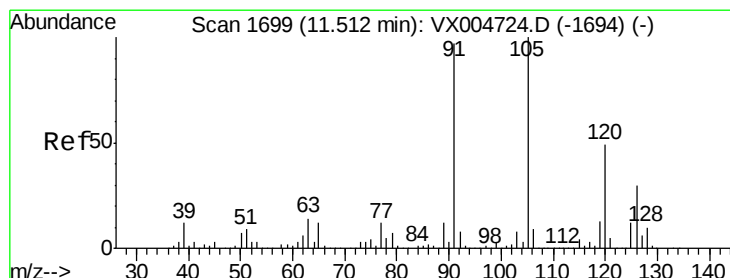
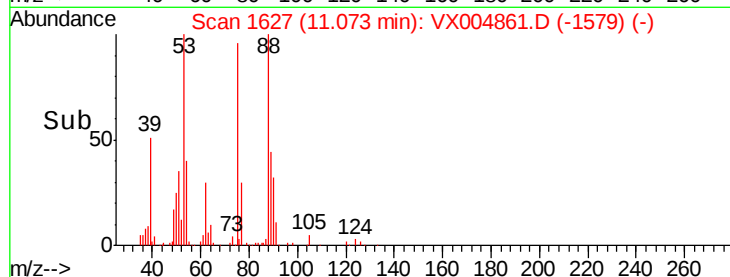
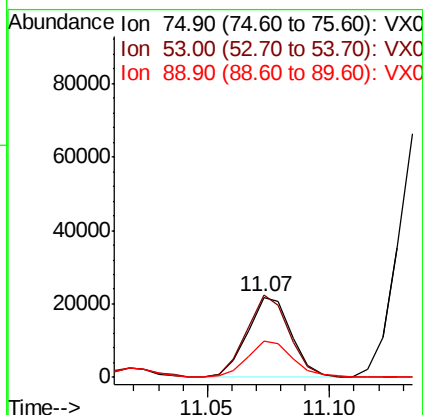
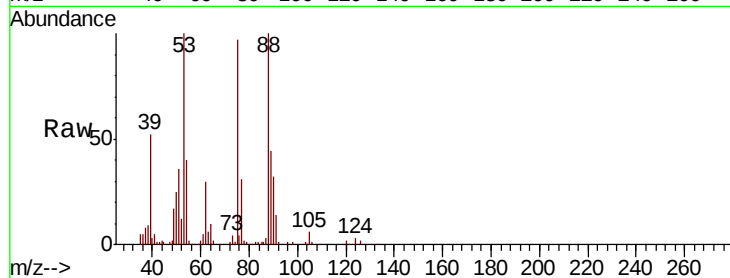
Tot Ion: 75 Resp: 27239

Ion Ratio Lower Upper

75 100

53 100.5 80.1 120.1

89 47.3 37.2 55.8



#82

4-Chlorotoluene

Concen: 20.238 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX004861.D

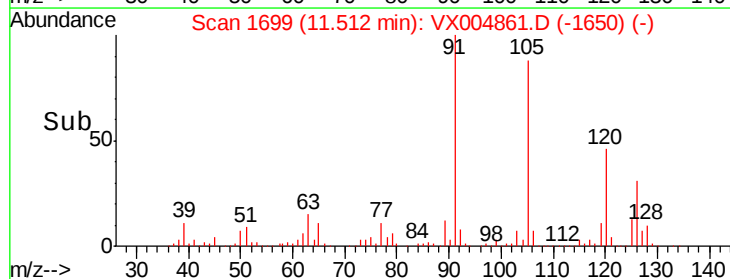
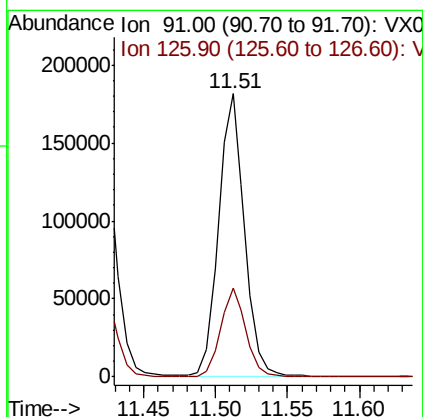
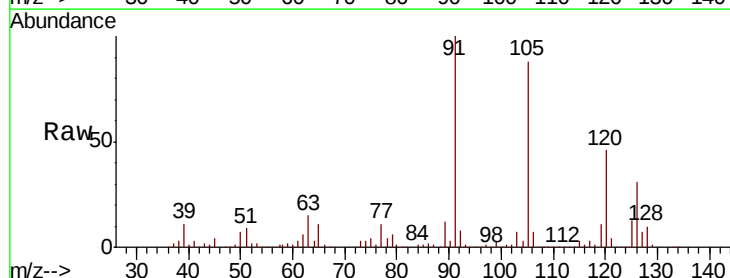
Acq: 01 Oct 2018 11:00

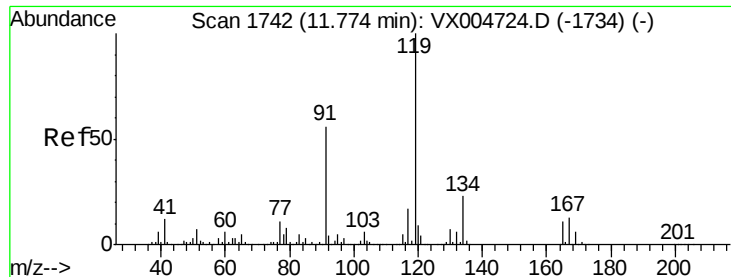
Tgt Ion: 91 Resp: 227558

Ion Ratio Lower Upper

91 100

126 30.8 15.5 46.5

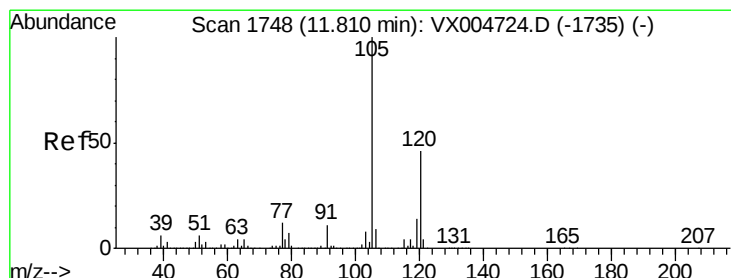
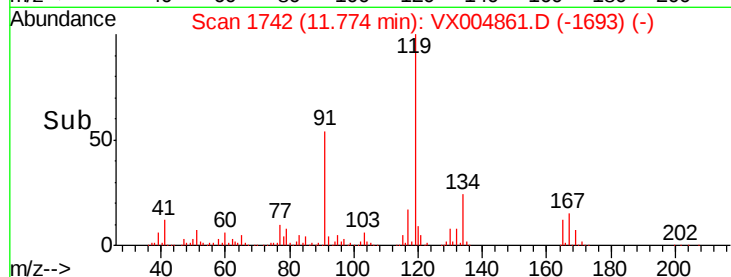
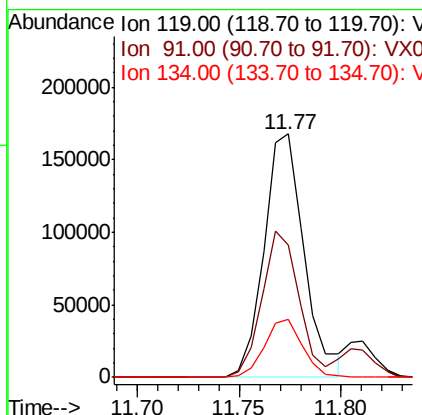
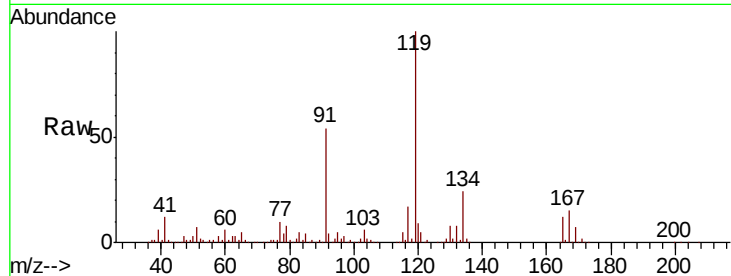




#83
 tert-Butylbenzene
 Concen: 20.881 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX004861.D
 Acq: 01 Oct 2018 11:00

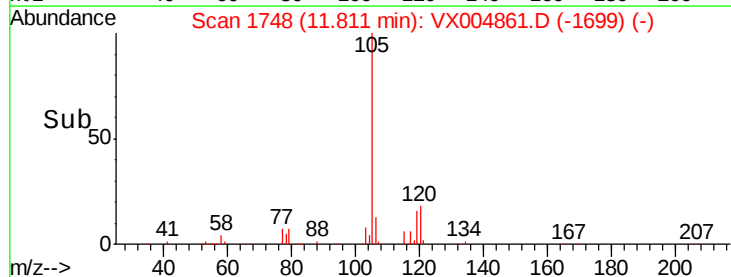
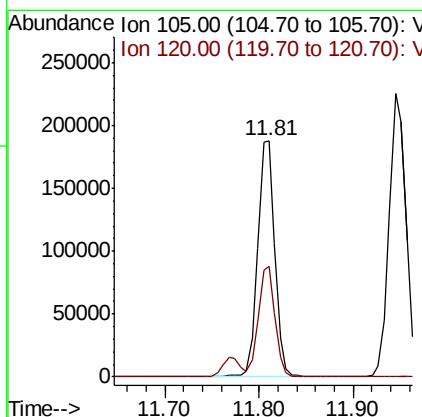
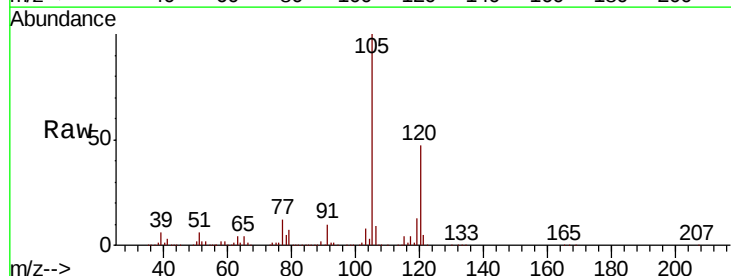
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBS01

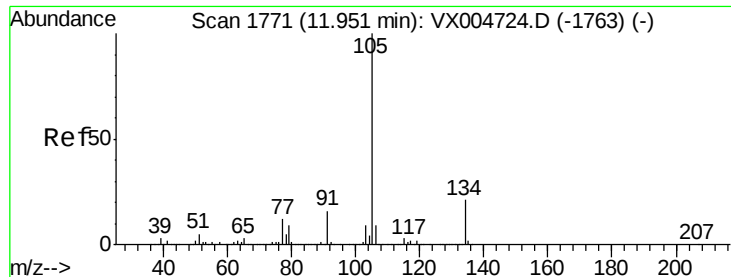
Tot Ion:119 Resp: 229638
 Ion Ratio Lower Upper
 119 100
 91 55.6 27.0 81.0
 134 22.8 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.187 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004861.D
 Acq: 01 Oct 2018 11:00

Tgt Ion:105 Resp: 243787
 Ion Ratio Lower Upper
 105 100
 120 45.4 23.2 69.6





#85

sec-Butylbenzene

Concen: 21.015 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004861.D

Acq: 01 Oct 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

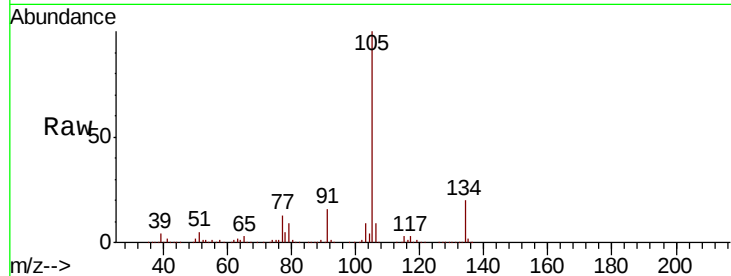
VX1001WBS01

Tot Ion:105 Resp: 281501

Ion Ratio Lower Upper

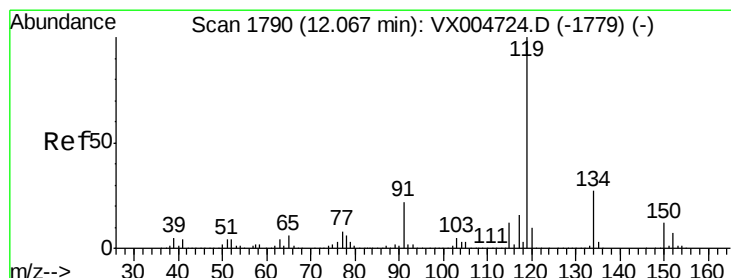
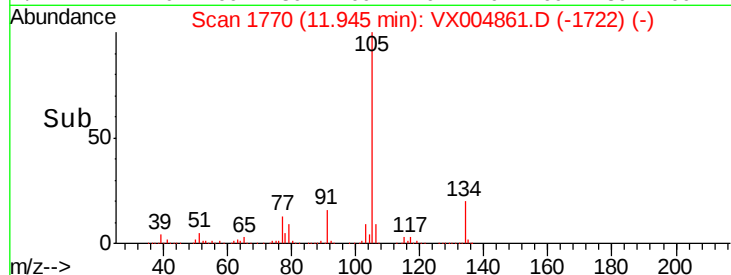
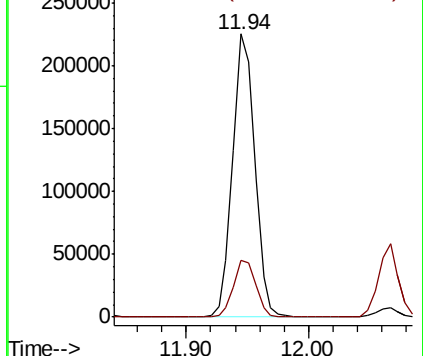
105 100

134 20.5 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.125 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX004861.D

Acq: 01 Oct 2018 11:00

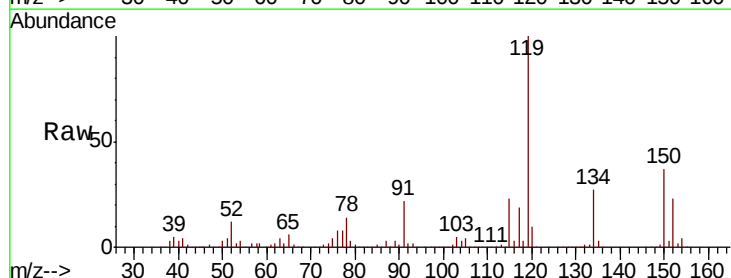
Tgt Ion:119 Resp: 256377

Ion Ratio Lower Upper

119 100

134 26.1 13.4 40.2

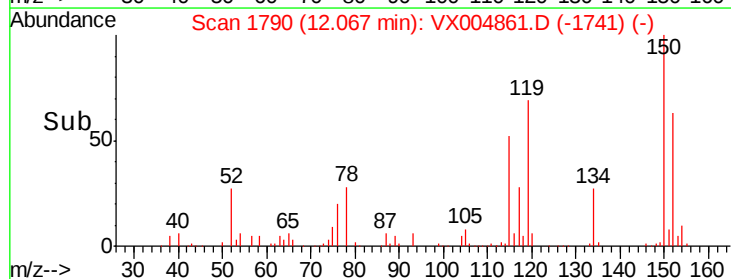
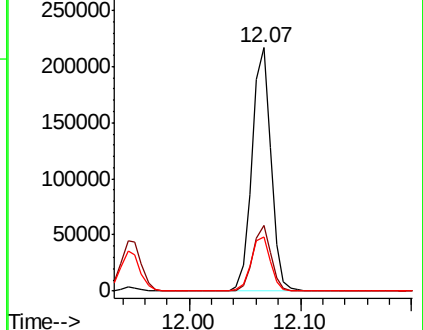
91 22.9 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 19.169 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VX004861.D

Acq: 01 Oct 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBS01

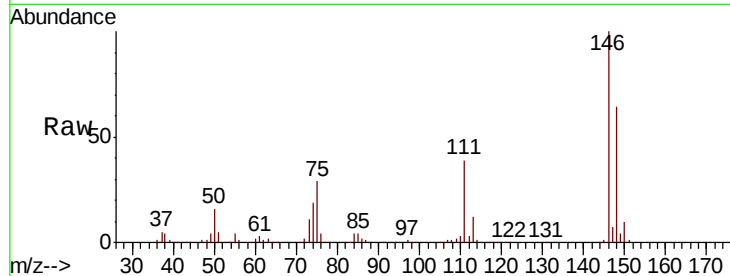
Tot Ion:146 Resp: 138871

Ion Ratio Lower Upper

146 100

111 38.4 18.7 56.1

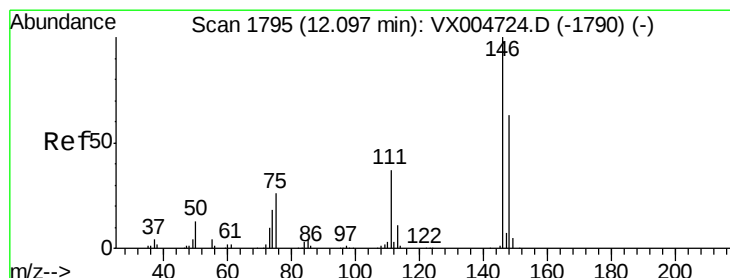
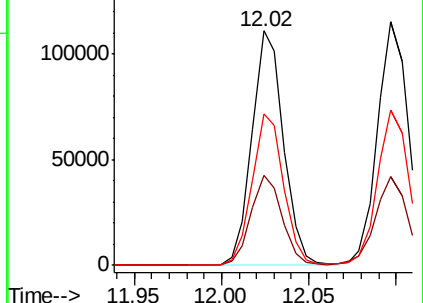
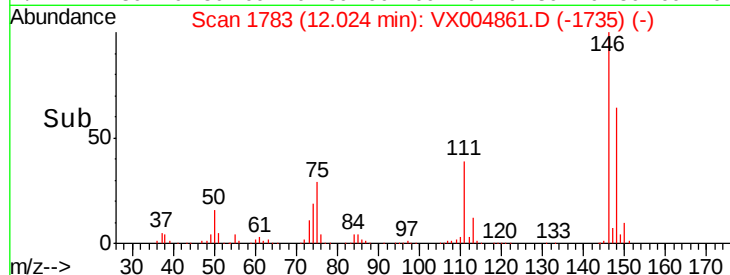
148 64.8 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.117 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX004861.D

Acq: 01 Oct 2018 11:00

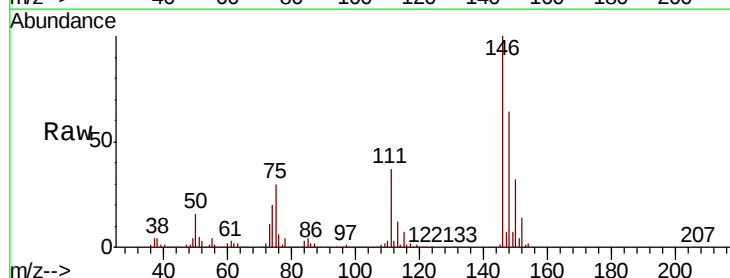
Tgt Ion:146 Resp: 142965

Ion Ratio Lower Upper

146 100

111 37.6 18.1 54.1

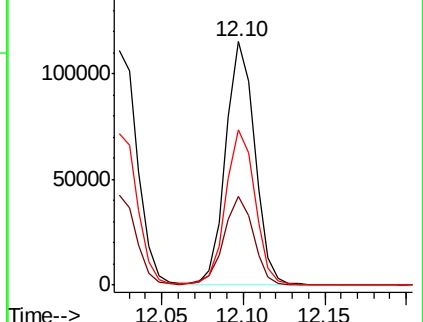
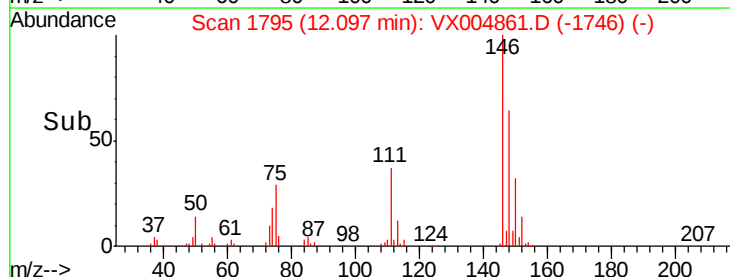
148 64.4 32.0 96.0

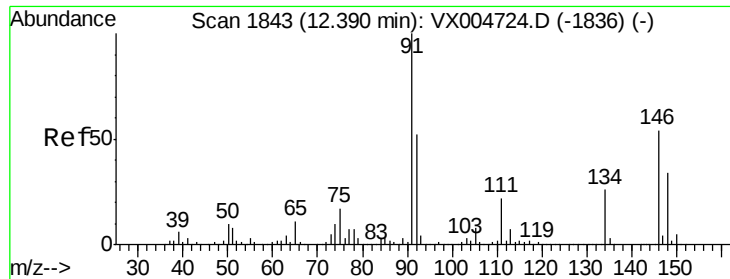


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

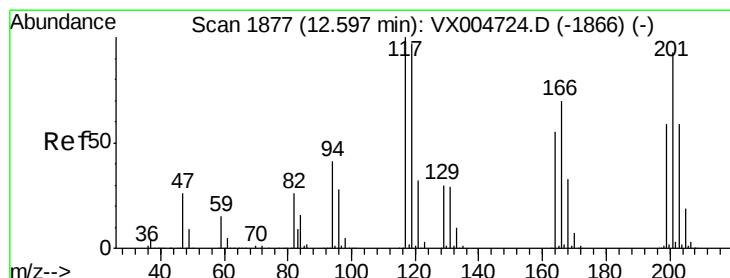
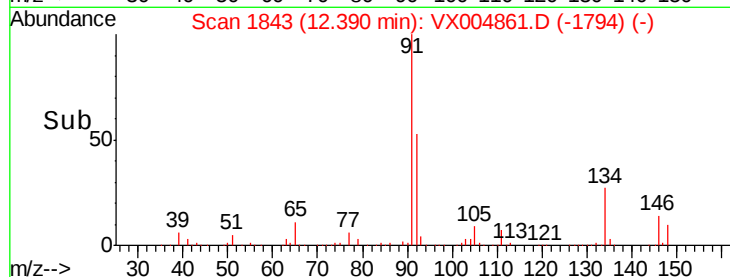
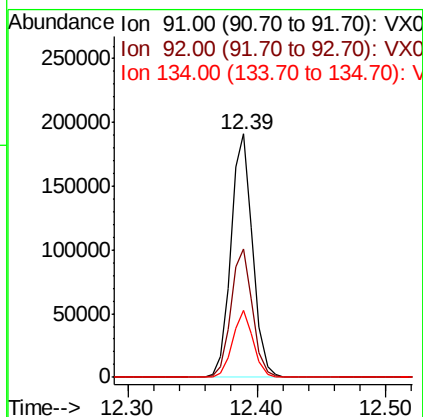
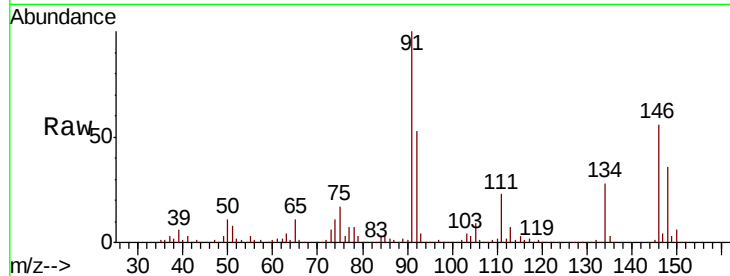




#89
n-Butylbenzene
Concen: 20.355 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX004861.D
Acq: 01 Oct 2018 11:00

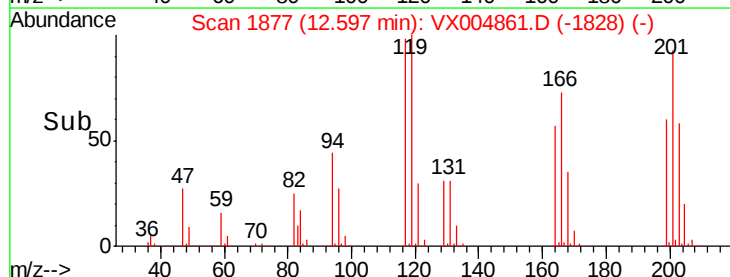
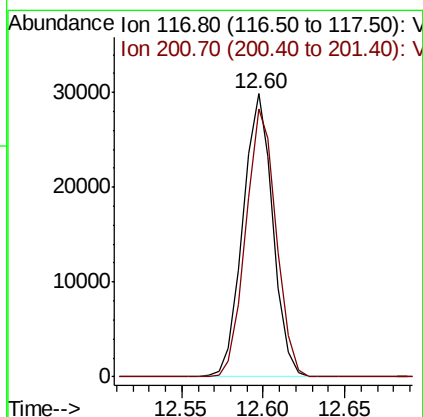
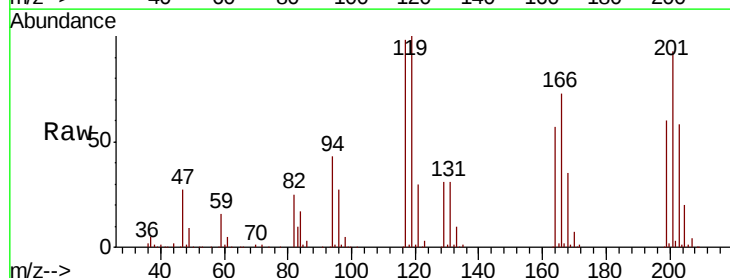
Instrument :
MSVOA_X
ClientSampleId :
VX1001WBS01

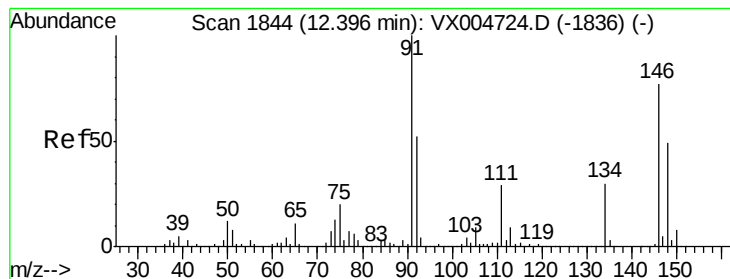
Tot Ion: 91 Resp: 224350
Ion Ratio Lower Upper
91 100
92 52.5 27.3 81.9
134 26.5 13.6 40.7



#90
Hexachloroethane
Concen: 18.888 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX004861.D
Acq: 01 Oct 2018 11:00

Tgt Ion: 117 Resp: 38166
Ion Ratio Lower Upper
117 100
201 96.3 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 18.310 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VX004861.D

Acq: 01 Oct 2018 11:00

Instrument :

MSVOA_X

ClientSampled :

VX1001WBS01

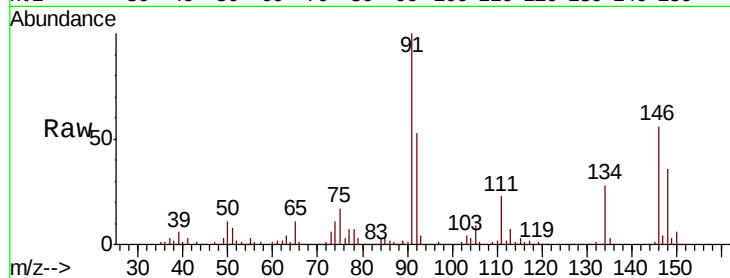
Tot Ion:146 Resp: 138623

Ion Ratio Lower Upper

146 100

111 39.8 19.4 58.1

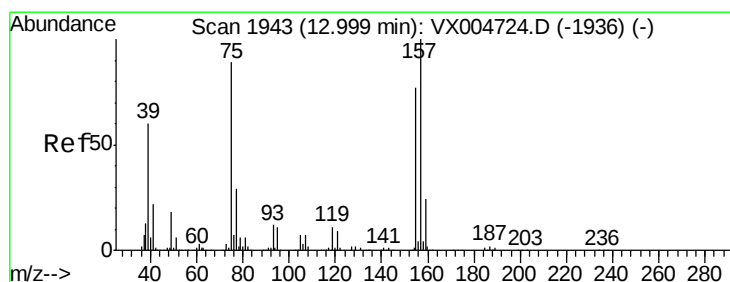
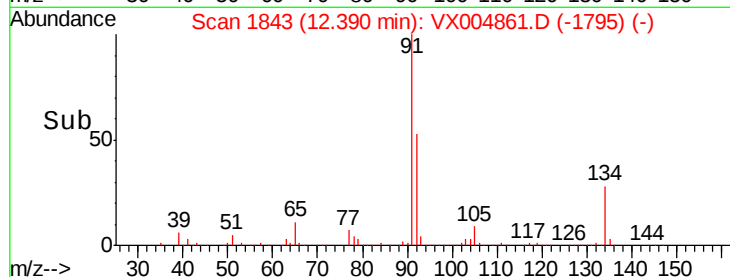
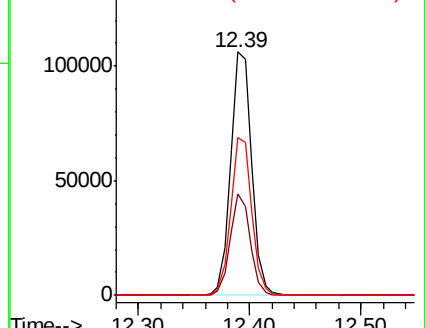
148 64.6 32.8 98.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.300 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX004861.D

Acq: 01 Oct 2018 11:00

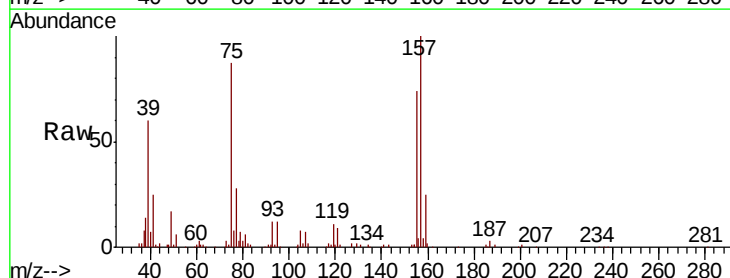
Tgt Ion: 75 Resp: 21848

Ion Ratio Lower Upper

75 100

155 91.6 48.0 144.2

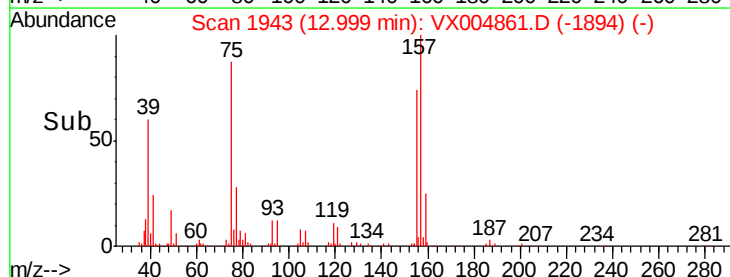
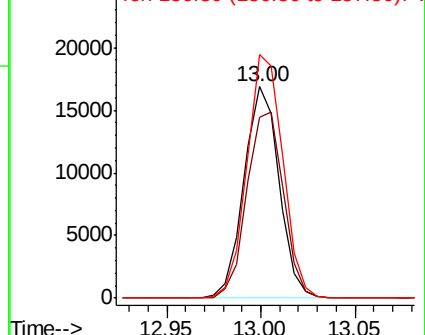
157 117.7 61.4 184.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

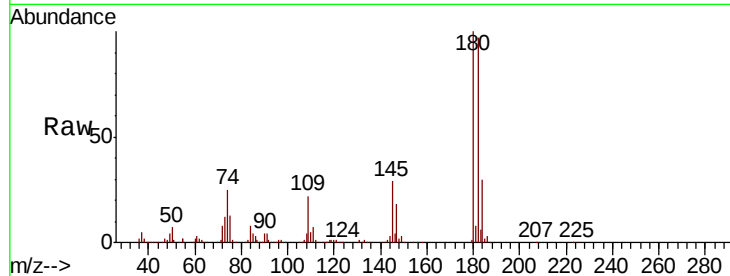




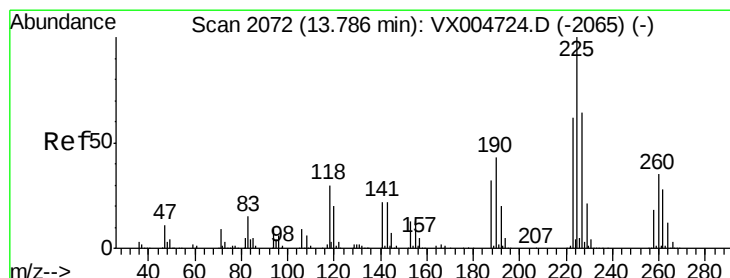
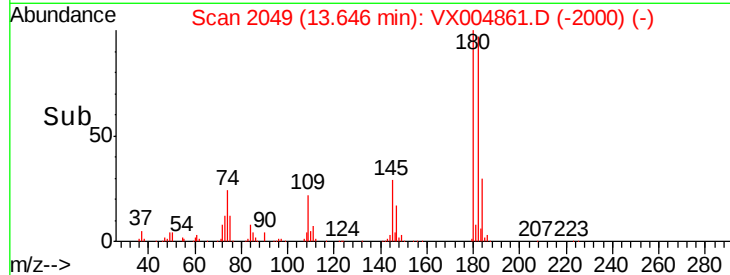
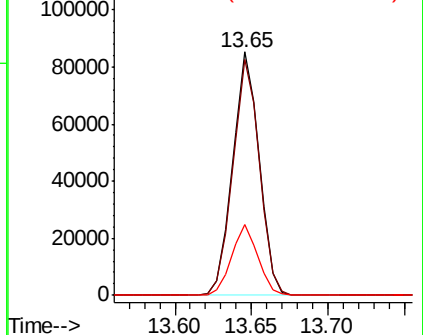
#93
 1,2,4-Trichlorobenzene
 Concen: 19.253 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX004861.D
 Acq: 01 Oct 2018 11:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	48.4	145.0
145	28.5	14.3	42.9

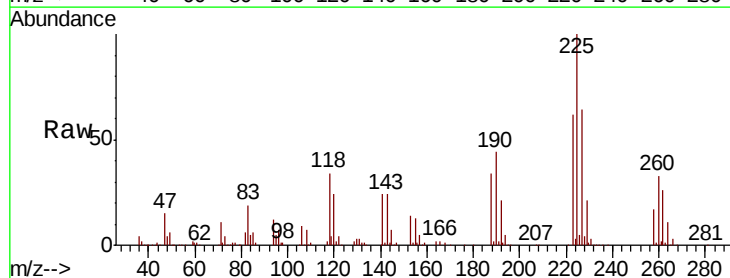


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

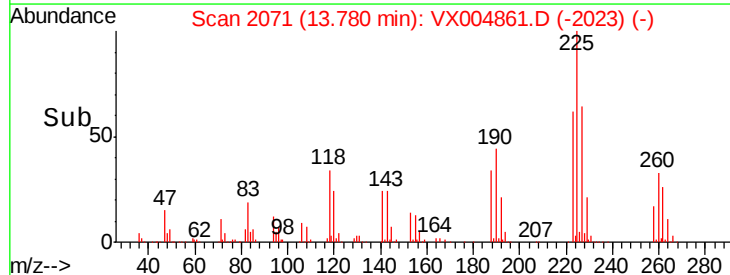
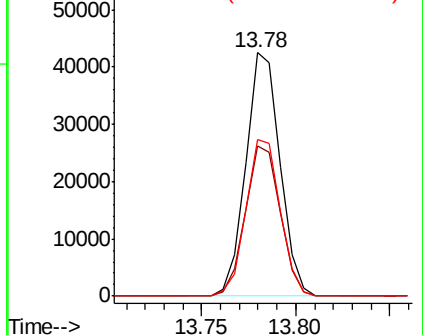


#94
 Hexachlorobutadiene
 Concen: 19.422 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX004861.D
 Acq: 01 Oct 2018 11:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	30.1	90.5
227	64.7	30.8	92.4



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

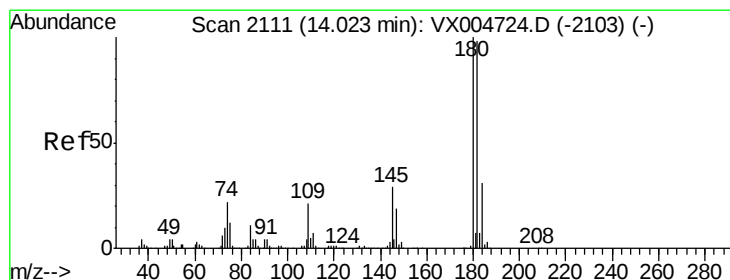
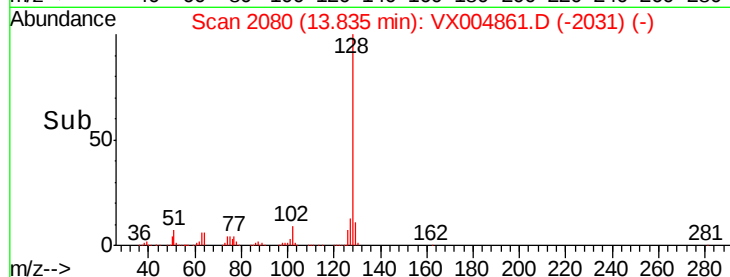
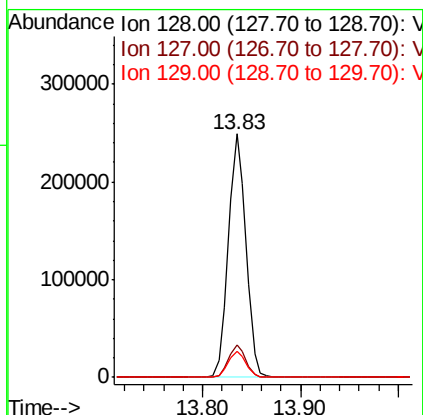
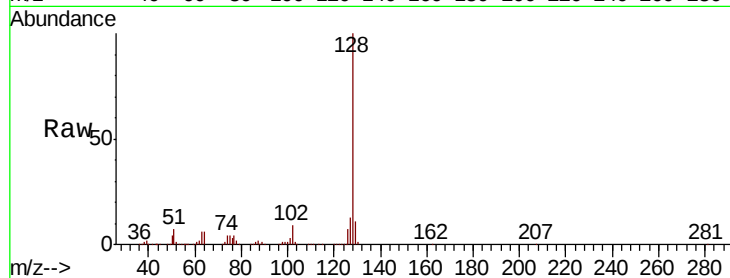




#95
Naphthalene
Concen: 18.061 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004861.D
Acq: 01 Oct 2018 11:00

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBS01

Tot Ion:128 Resp: 310151
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 19.320 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX004861.D
Acq: 01 Oct 2018 11:00

Tgt Ion:180 Resp: 105995
Ion Ratio Lower Upper
180 100
182 95.7 48.5 145.6
145 29.2 14.9 44.9

