

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083018\
 Data File : VX004325.D
 Acq On : 30 Aug 2018 18:13
 Operator : JC/MD
 Sample : VX0830WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830WBSD01

Quant Time: Aug 31 00:54:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	311497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	451151	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	418806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	241680	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	202577	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
35) Dibromofluoromethane	5.50	113	174275	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
50) Toluene-d8	8.71	98	644577	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
62) 4-Bromofluorobenzene	11.14	95	238210	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	71773	19.89	ug/l	97
3) Chloromethane	1.32	50	78498	19.86	ug/l	99
4) Vinyl Chloride	1.40	62	82088	20.11	ug/l	100
5) Bromomethane	1.64	94	42897	20.11	ug/l	97
6) Chloroethane	1.72	64	55291	18.36	ug/l	97
7) Trichlorofluoromethane	1.93	101	111631	19.96	ug/l	95
8) Diethyl Ether	2.18	74	49305	20.59	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	69491	19.84	ug/l	100
10) Methyl Iodide	2.51	142	69108	20.26	ug/l	99
11) Tert butyl alcohol	3.07	59	93222	107.72	ug/l	100
12) 1,1-Dichloroethene	2.37	96	63892	19.36	ug/l	97
13) Acrolein	2.29	56	76066	364.57	ug/l	97
14) Allyl chloride	2.73	41	126261	20.83	ug/l	97
15) Acrylonitrile	3.15	53	222152	103.65	ug/l	99
16) Acetone	2.45	43	193302	112.18	ug/l	98
17) Carbon Disulfide	2.57	76	161254	18.11	ug/l	98
18) Methyl Acetate	2.78	43	154744	25.68	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	225296	20.72	ug/l	96
20) Methylene Chloride	2.86	84	78059	19.97	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	69471	19.02	ug/l	97
22) Diisopropyl ether	3.87	45	234073	20.68	ug/l	99
23) Vinyl Acetate	3.82	43	906182	98.77	ug/l	99
24) 1,1-Dichloroethane	3.69	63	137415	20.83	ug/l	99
25) 2-Butanone	4.70	43	295789	107.10	ug/l	97
26) 2,2-Dichloropropane	4.58	77	102599	19.83	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	82172	19.84	ug/l	99
28) Bromochloromethane	5.01	49	62471	21.39	ug/l	99
29) Tetrahydrofuran	5.16	42	184248	105.63	ug/l	99
30) Chloroform	5.21	83	135614	20.50	ug/l	99
31) Cyclohexane	5.57	56	109644	19.26	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	111478	20.21	ug/l	99
36) 1,1-Dichloropropene	5.79	75	99039	19.53	ug/l	100
37) Ethyl Acetate	4.86	43	104914	21.03	ug/l	100
38) Carbon Tetrachloride	5.78	117	95709	20.06	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083018\
 Data File : VX004325.D
 Acq On : 30 Aug 2018 18:13
 Operator : JC/MD
 Sample : VX0830WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830WBSD01

Quant Time: Aug 31 00:54:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	105139	18.16	ug/l	98
40) Benzene	6.14	78	309552	20.43	ug/l	99
41) Methacrylonitrile	5.06	41	61087	21.13	ug/l	99
42) 1,2-Dichloroethane	6.20	62	104572	20.23	ug/l	99
43) Isopropyl Acetate	6.46	43	158477	20.68	ug/l	99
44) Trichloroethene	7.21	130	81823	19.50	ug/l	99
45) 1,2-Dichloropropane	7.52	63	79629	20.99	ug/l	98
46) Dibromomethane	7.67	93	51391	20.35	ug/l	100
47) Bromodichloromethane	7.90	83	96427	20.52	ug/l	99
48) Methyl methacrylate	7.78	41	84382	20.57	ug/l	99
49) 1,4-Dioxane	7.76	88	38356	411.91	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	569154	102.20	ug/l	99
52) Toluene	8.79	92	193955	20.44	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	103224	19.89	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	116196	20.55	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	80195	20.94	ug/l	98
56) Ethyl methacrylate	9.18	69	106680	20.46	ug/l	100
57) 1,3-Dichloropropane	9.37	76	136086	21.08	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	286683	107.32	ug/l	99
59) 2-Hexanone	9.50	43	429040	100.98	ug/l	100
60) Dibromochloromethane	9.59	129	76168	20.41	ug/l	100
61) 1,2-Dibromoethane	9.67	107	81244	20.50	ug/l	99
64) Tetrachloroethene	9.34	164	83282	20.13	ug/l	98
65) Chlorobenzene	10.14	112	203885	19.40	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	74125	20.45	ug/l	96
67) Ethyl Benzene	10.26	91	336299	19.70	ug/l	99
68) m/p-Xylenes	10.36	106	275922	41.34	ug/l	97
69) o-Xylene	10.70	106	131899	20.89	ug/l	99
70) Styrene	10.71	104	220169	21.54	ug/l	99
71) Bromoform	10.86	173	58084	19.88	ug/l	99
73) Isopropylbenzene	11.02	105	360038	22.68	ug/l	100
74) N-amyl acetate	10.90	43	133100	21.78	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	123795	22.29	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	134903	27.45	ug/l	87
77) Bromobenzene	11.26	156	96233	21.61	ug/l	97
78) n-propylbenzene	11.36	91	411914	22.56	ug/l	100
79) 2-Chlorotoluene	11.42	91	247466	22.02	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	299881	22.81	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	31654	20.89	ug/l	96
82) 4-Chlorotoluene	11.51	91	286875	21.70	ug/l	99
83) tert-Butylbenzene	11.77	119	283990	21.47	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	307789	22.81	ug/l	99
85) sec-Butylbenzene	11.94	105	350911	22.35	ug/l	100
86) p-Isopropyltoluene	12.07	119	312145	22.18	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	176909	21.10	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	172715	19.54	ug/l	97
89) n-Butylbenzene	12.39	91	233165	20.38	ug/l	98
90) Hexachloroethane	12.60	117	40061	20.37	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	158205	20.65	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20522	20.98	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083018\
Data File : VX004325.D
Acq On : 30 Aug 2018 18:13
Operator : JC/MD
Sample : VX0830WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0830WBSD01

Quant Time: Aug 31 00:54:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

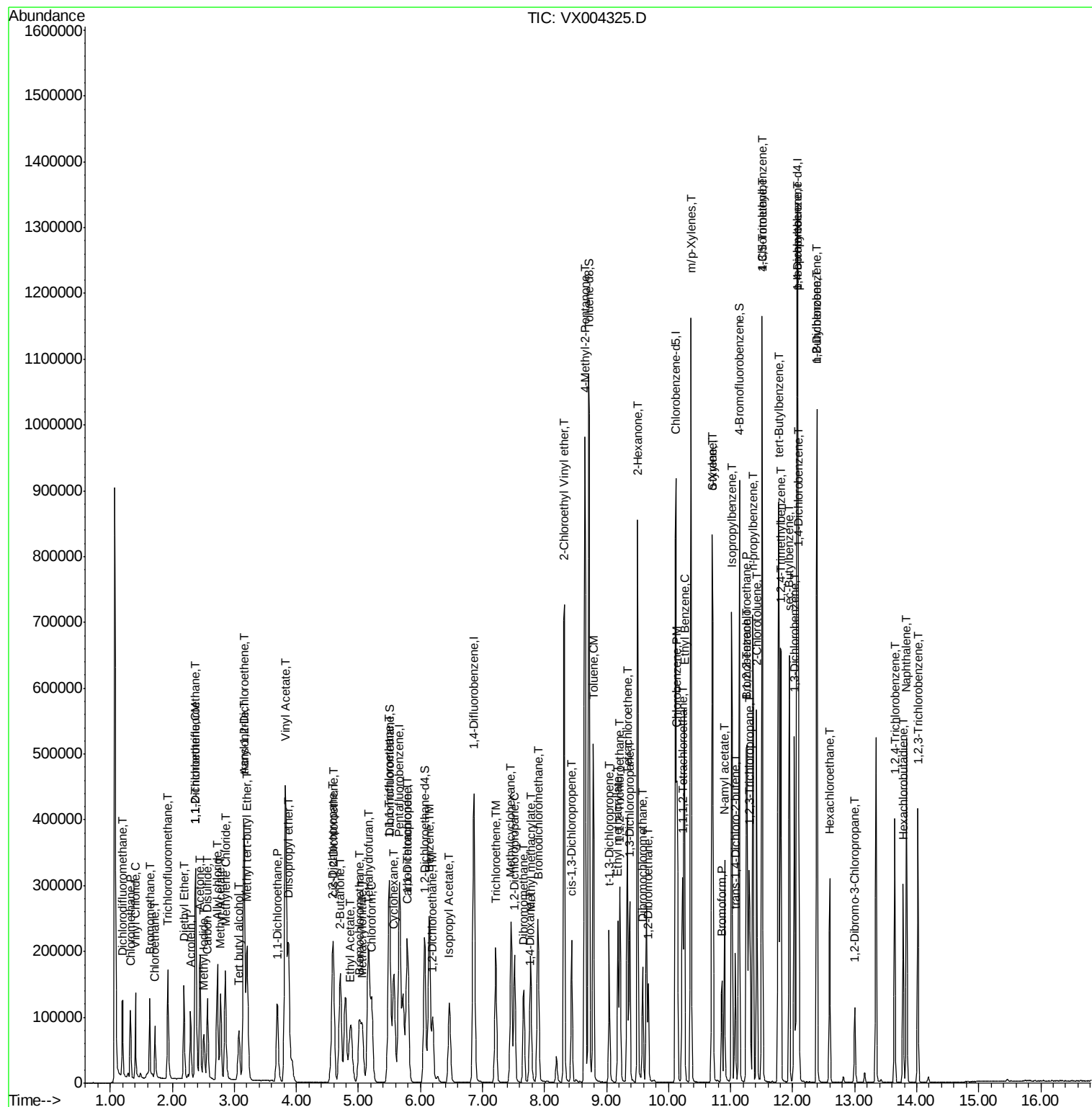
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	103257	18.52	ug/l	98
94) Hexachlorobutadiene	13.78	225	48933	18.78	ug/l	97
95) Naphthalene	13.83	128	311034	19.73	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	108007	18.30	ug/l	99

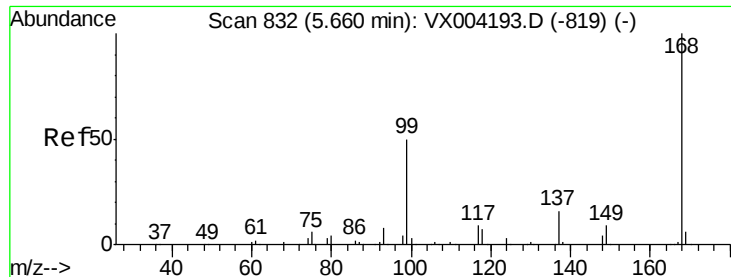
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX083018\
 Data File : VX004325.D
 Acq On : 30 Aug 2018 18:13
 Operator : JC/MD
 Sample : VX0830WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sample ID :
 VX0830WBSD01

Quant Time: Aug 31 00:54:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX004325.D

Acq: 30 Aug 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

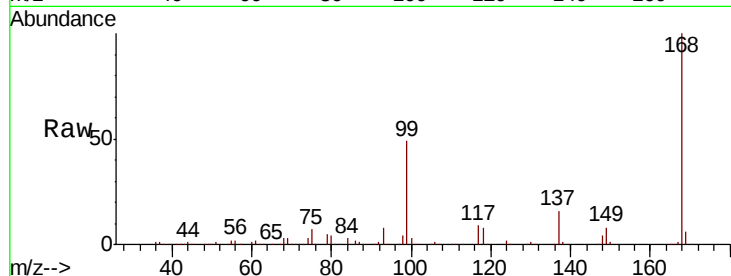
VX0830WBSD01

Tot Ion:168 Resp: 311497

Ion Ratio Lower Upper

168 100

99 48.7 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

120000

100000

80000

60000

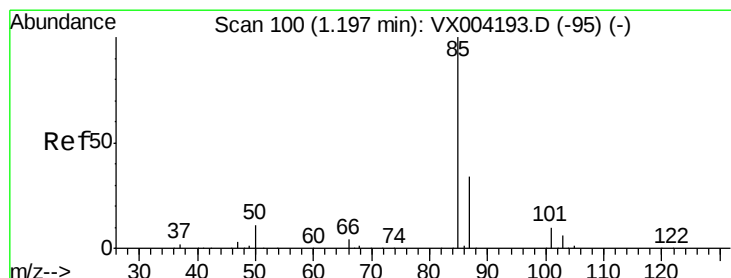
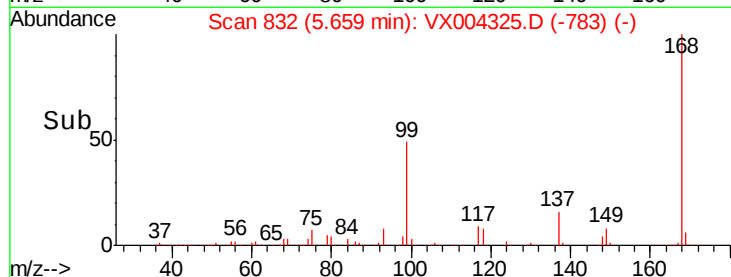
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.89 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX004325.D

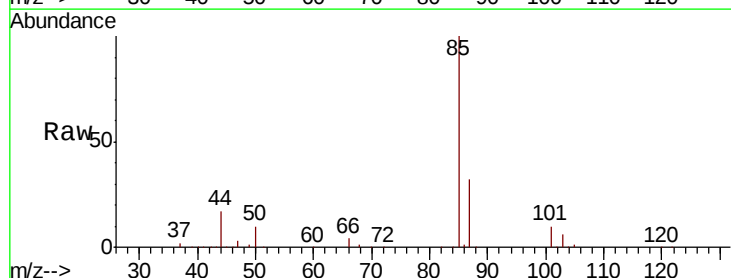
Acq: 30 Aug 2018 18:13

Tgt Ion: 85 Resp: 71773

Ion Ratio Lower Upper

85 100

87 32.3 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

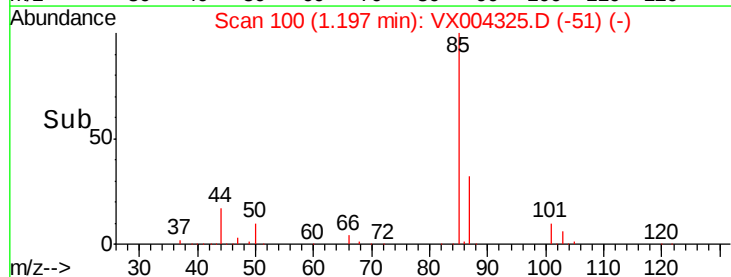
40000

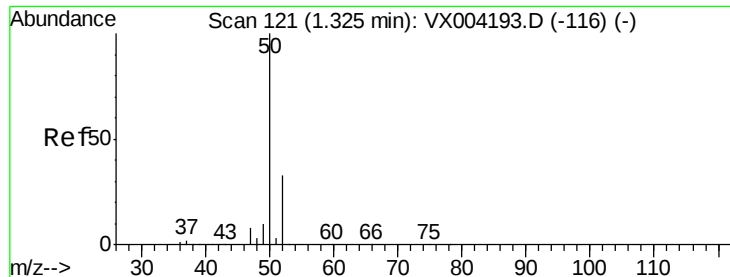
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 19.86 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX004325.D

Acq: 30 Aug 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

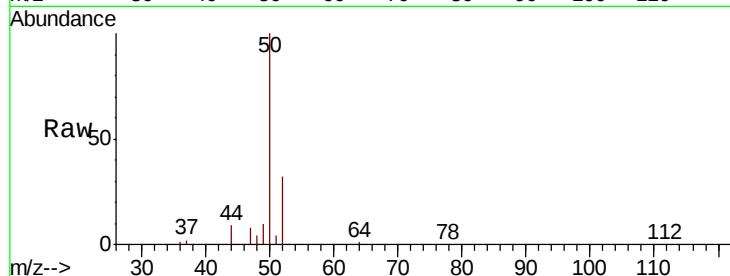
VX0830WBSD01

Tot Ion: 50 Resp: 78498

Ion Ratio Lower Upper

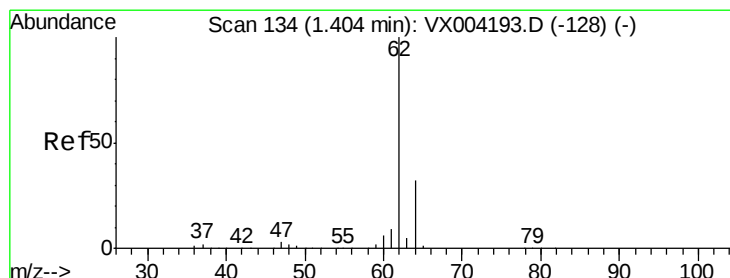
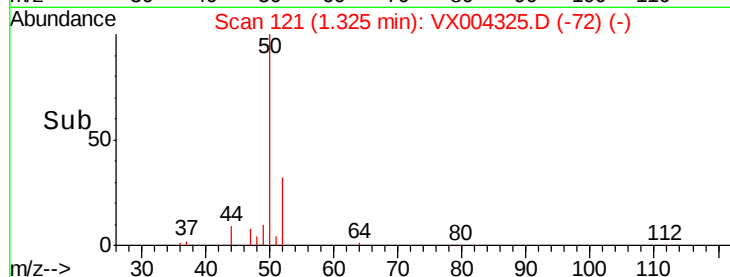
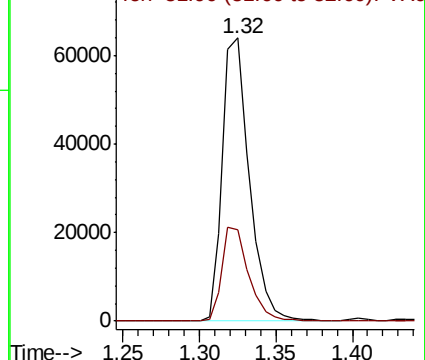
50 100

52 32.2 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: 20.11 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004325.D

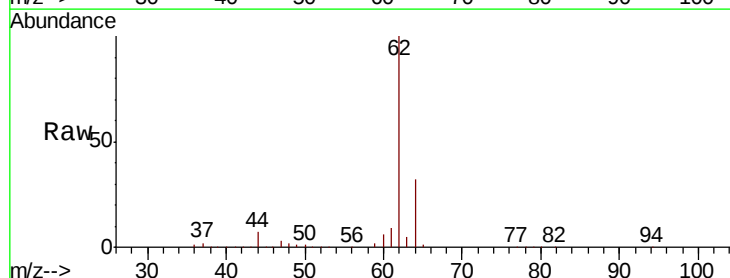
Acq: 30 Aug 2018 18:13

Tgt Ion: 62 Resp: 82088

Ion Ratio Lower Upper

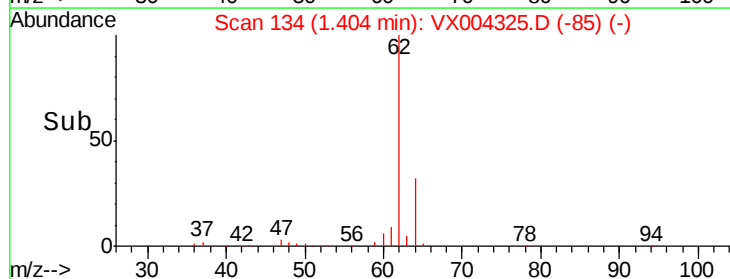
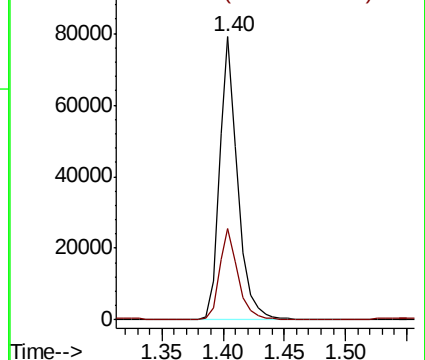
62 100

64 32.1 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: 20.11 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004325.D

Acq: 30 Aug 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

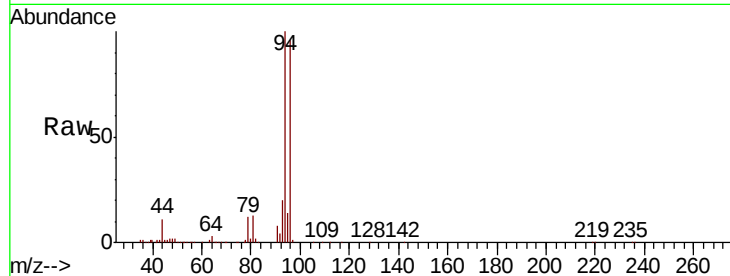
VX0830WBSD01

Tot Ion: 94 Resp: 42897

Ion Ratio Lower Upper

94 100

96 95.9 74.5 111.7

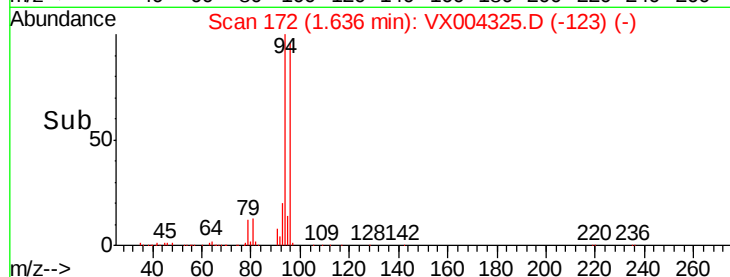


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

Time-->



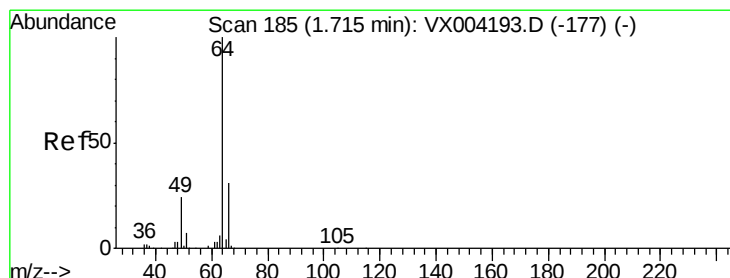
Abundance

Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

Time-->



#6

Chloroethane

Concen: 18.36 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX004325.D

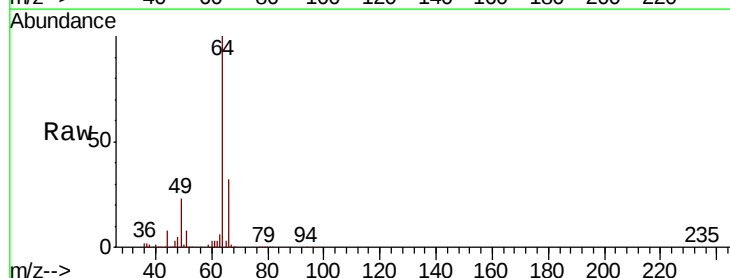
Acq: 30 Aug 2018 18:13

Tgt Ion: 64 Resp: 55291

Ion Ratio Lower Upper

64 100

66 32.3 24.6 36.8

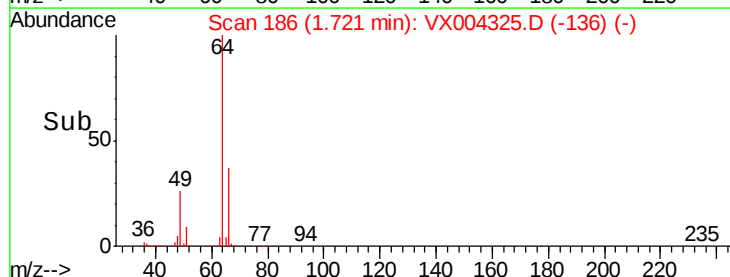


Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

Time-->



Abundance

Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

Time-->



#7

Trichlorofluoromethane

Concen: 19.96 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX004325.D

Acq: 30 Aug 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

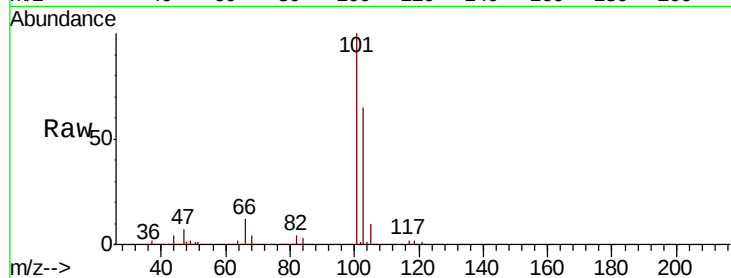
VX0830WBSD01

Tot Ion:101 Resp: 111631

Ion Ratio Lower Upper

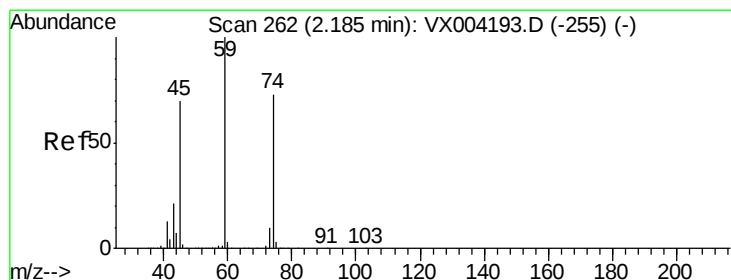
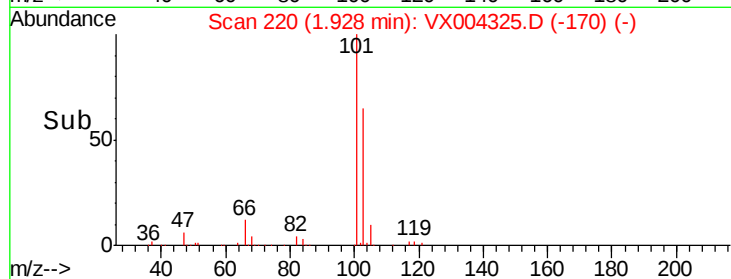
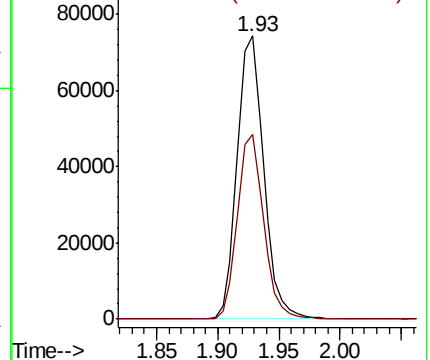
101 100

103 65.3 48.9 73.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 20.59 ug/l

RT: 2.18 min Scan# 262

Delta R.T. -0.00 min

Lab File: VX004325.D

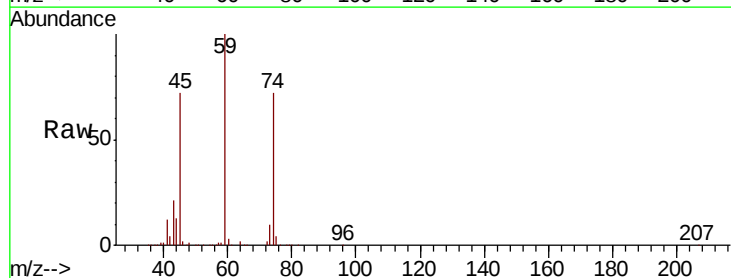
Acq: 30 Aug 2018 18:13

Tgt Ion: 74 Resp: 49305

Ion Ratio Lower Upper

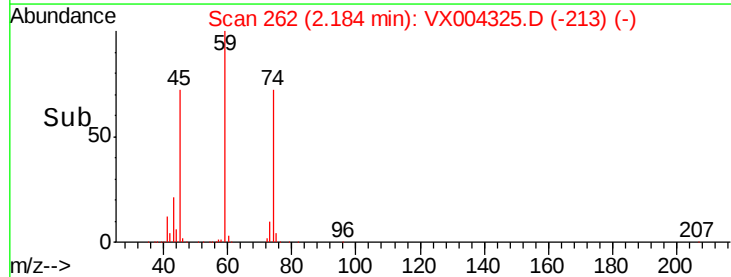
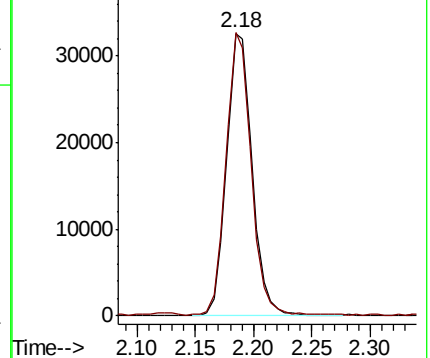
74 100

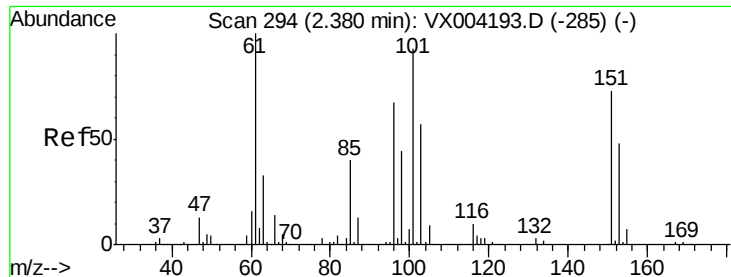
45 97.5 48.3 144.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.84 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX004325.D

Acq: 30 Aug 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

VX0830WBSD01

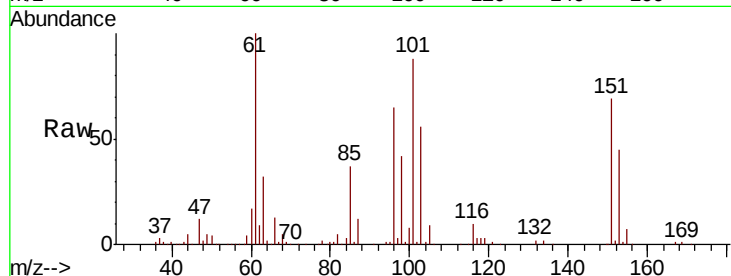
Tot Ion:101 Resp: 69491

Ion Ratio Lower Upper

101 100

85 42.1 34.2 51.4

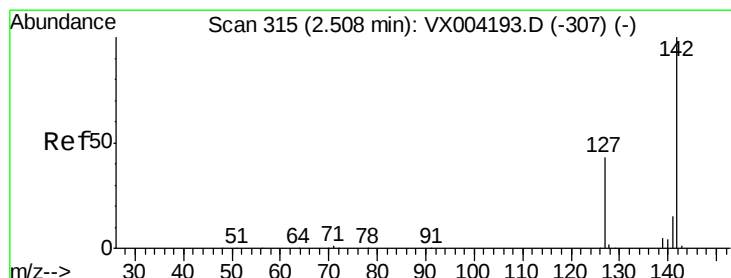
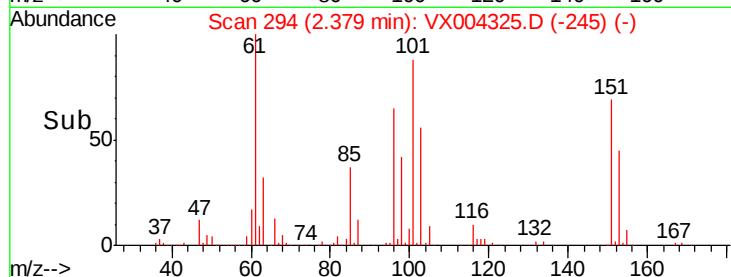
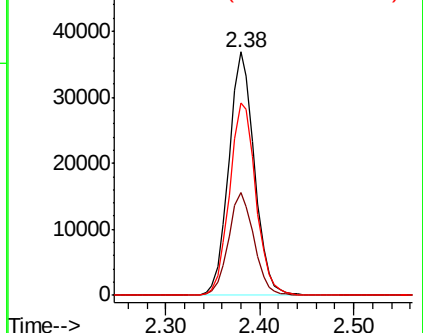
151 81.4 65.0 97.6



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: 20.26 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX004325.D

Acq: 30 Aug 2018 18:13

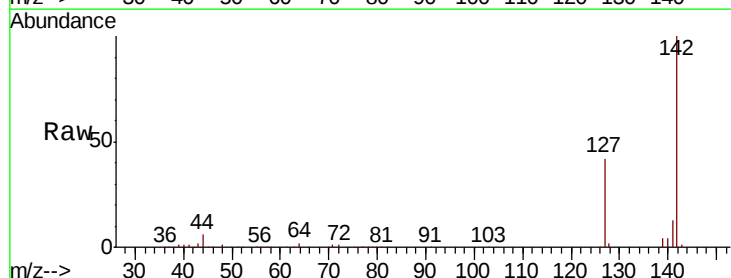
Tgt Ion:142 Resp: 69108

Ion Ratio Lower Upper

142 100

127 41.5 33.8 50.6

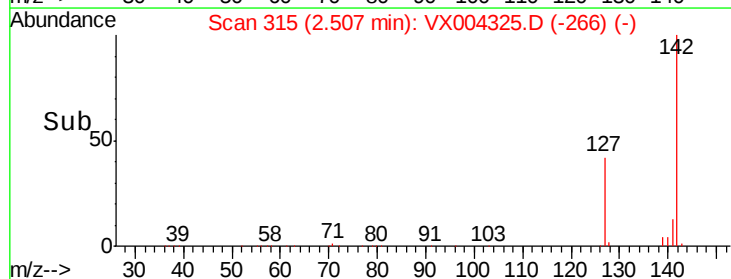
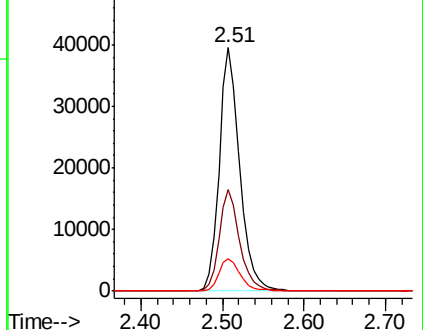
141 14.0 11.4 17.0



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

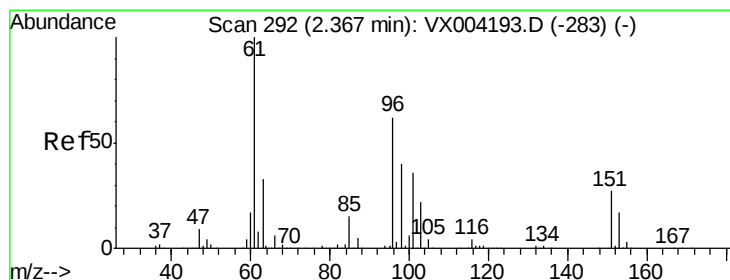
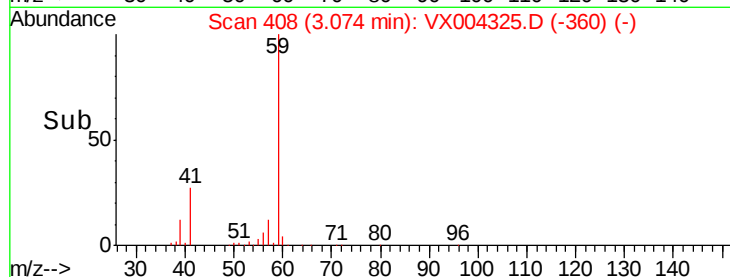
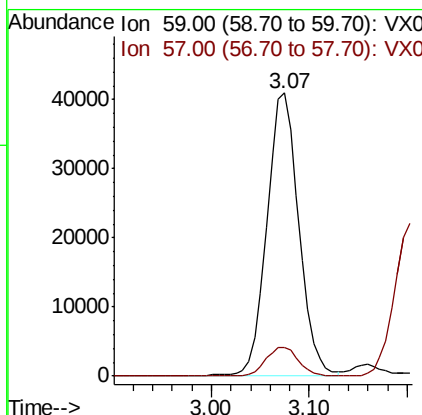
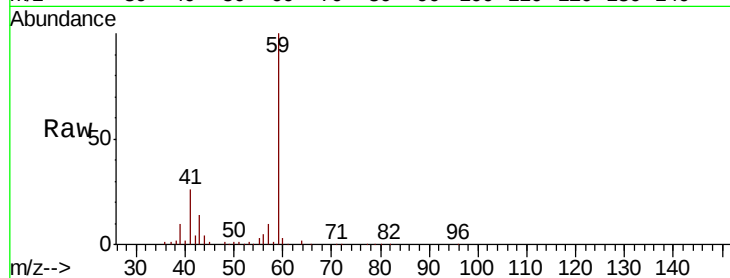




#11
Tert butyl alcohol
Concen: 107.72 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX004325.D
Acq: 30 Aug 2018 18:13

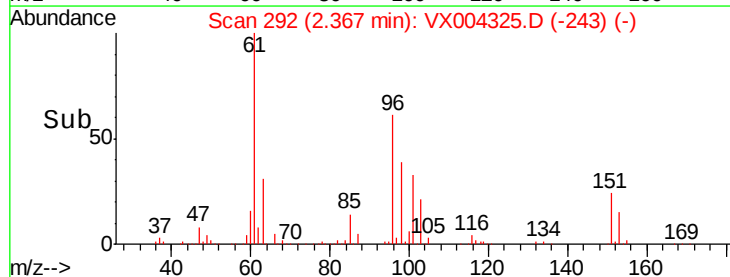
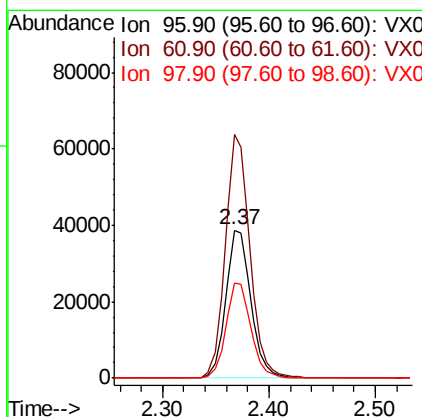
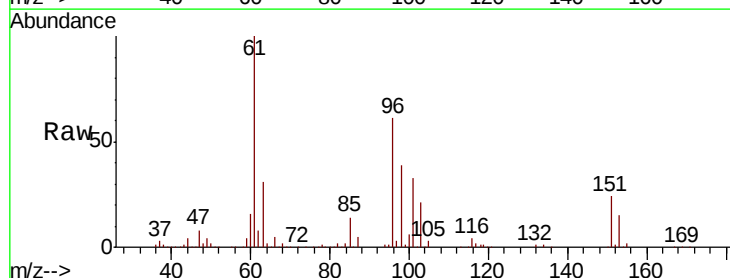
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBSD01

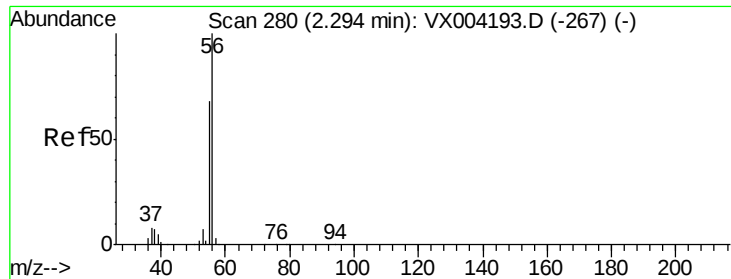
Tot Ion: 59 Resp: 93222
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4



#12
1,1-Dichloroethene
Concen: 19.36 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.00 min
Lab File: VX004325.D
Acq: 30 Aug 2018 18:13

Tgt Ion: 96 Resp: 63892
Ion Ratio Lower Upper
96 100
61 164.9 128.8 193.2
98 64.1 52.2 78.2





#13

Acrolein

Concen: 364.57 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX004325.D

Acq: 30 Aug 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

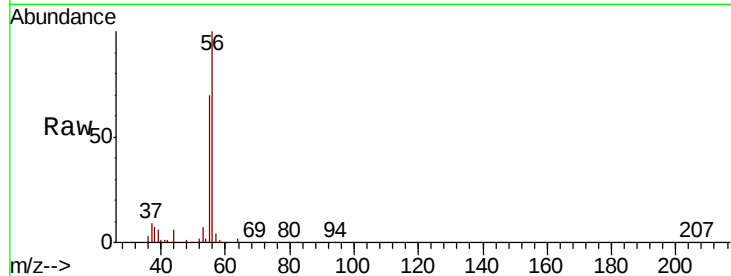
VX0830WBSD01

Tot Ion: 56 Resp: 76066

Ion Ratio Lower Upper

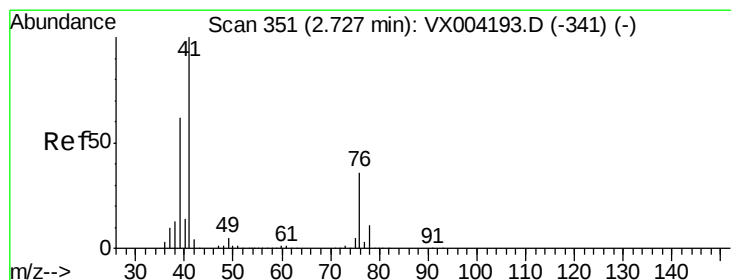
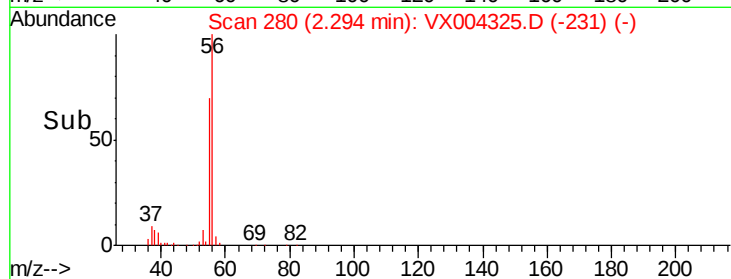
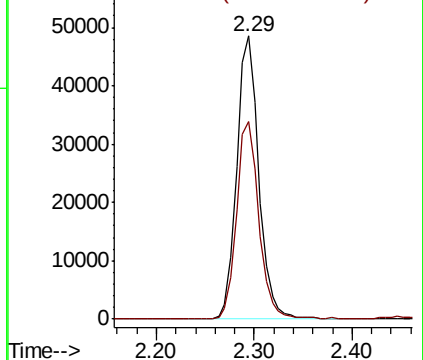
56 100

55 71.0 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: 20.83 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX004325.D

Acq: 30 Aug 2018 18:13

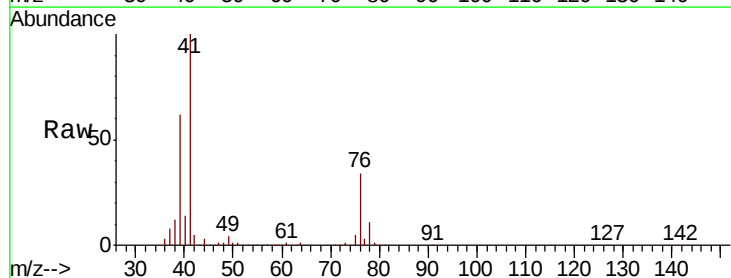
Tgt Ion: 41 Resp: 126261

Ion Ratio Lower Upper

41 100

39 58.8 48.9 73.3

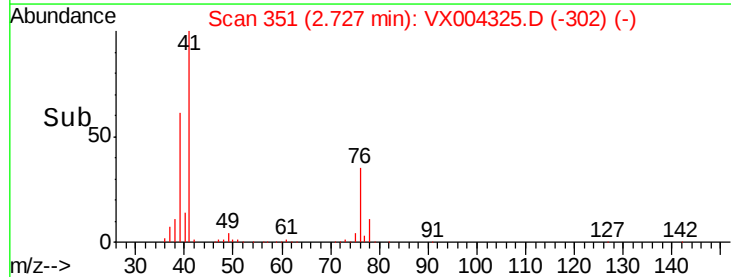
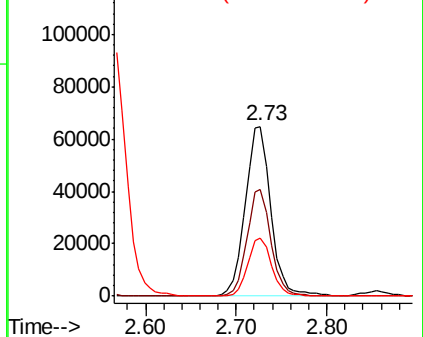
76 32.1 26.7 40.1



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: 103.65 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VX004325.D

Acq: 30 Aug 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

VX0830WBSD01

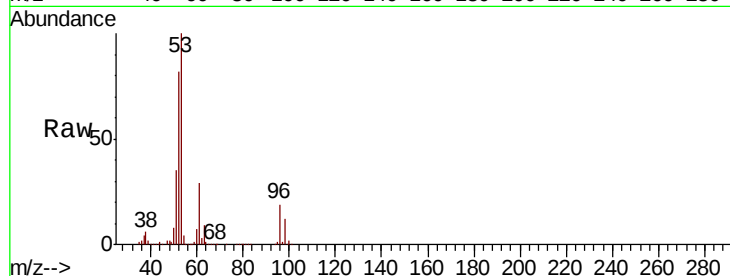
Tot Ion: 53 Resp: 222152

Ion Ratio Lower Upper

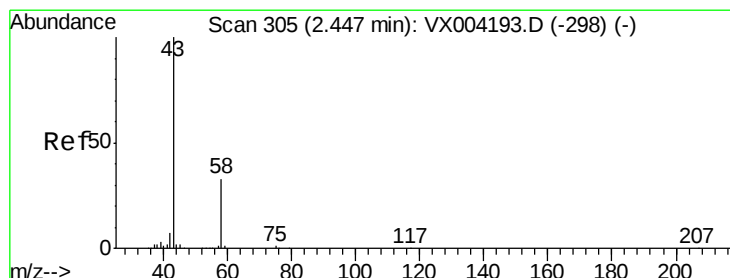
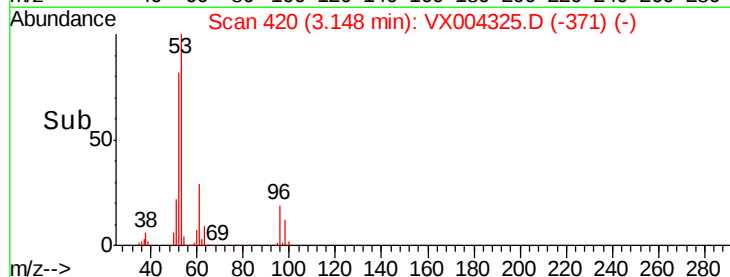
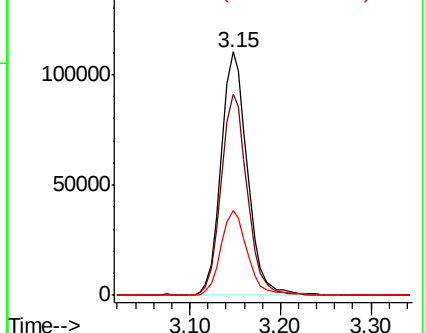
53 100

52 82.5 65.2 97.8

51 35.4 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: 112.18 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX004325.D

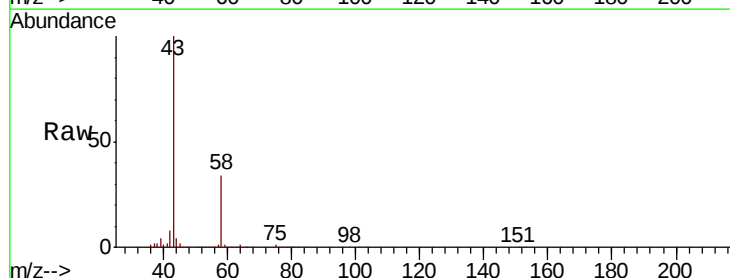
Acq: 30 Aug 2018 18:13

Tgt Ion: 43 Resp: 193302

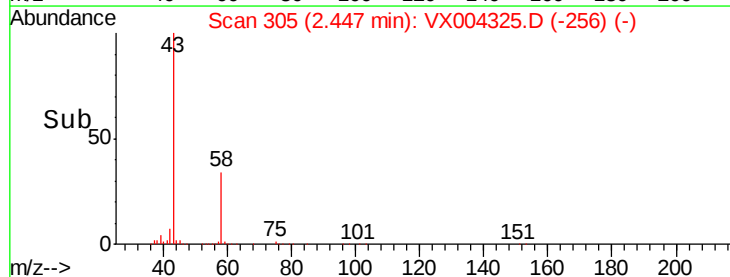
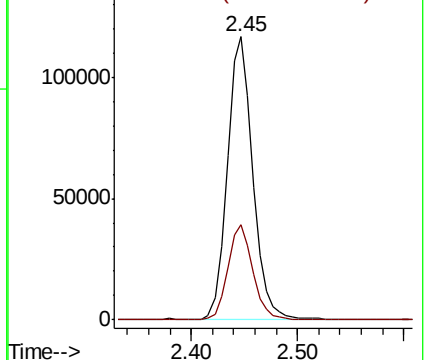
Ion Ratio Lower Upper

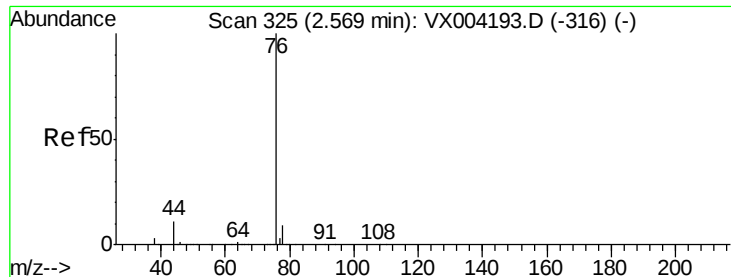
43 100

58 33.7 26.2 39.4



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

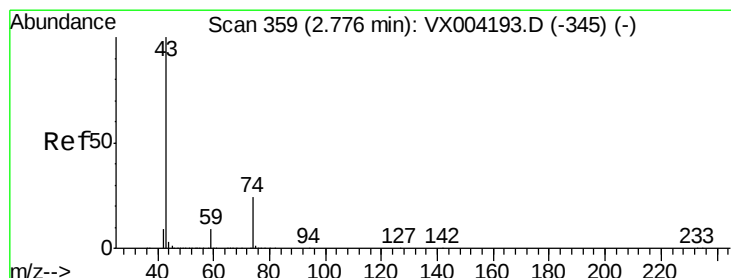
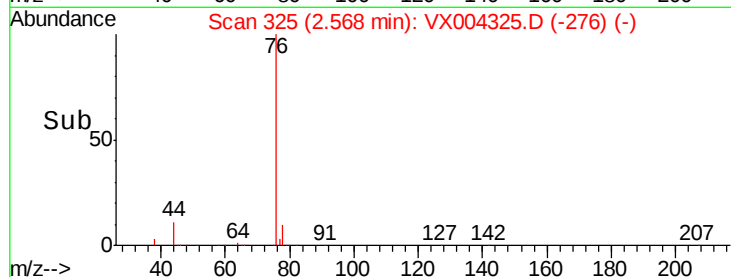
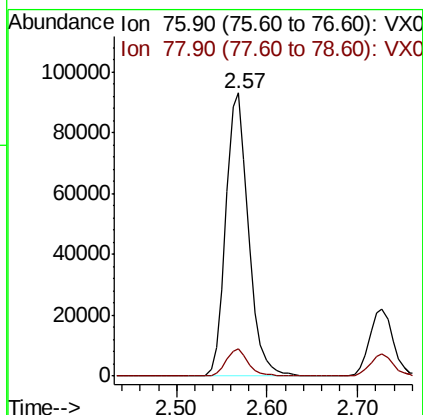
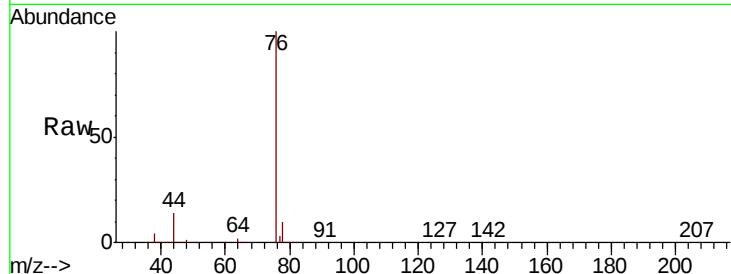




#17
Carbon Disulfide
Concen: 18.11 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX004325.D
Acq: 30 Aug 2018 18:13

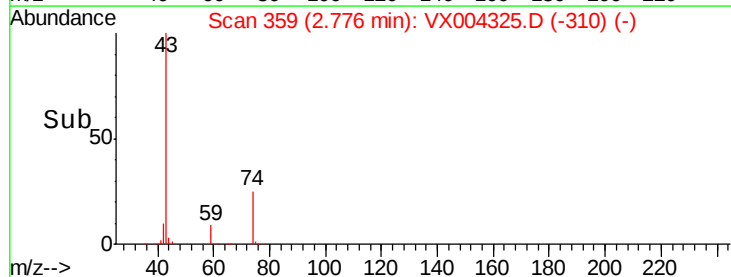
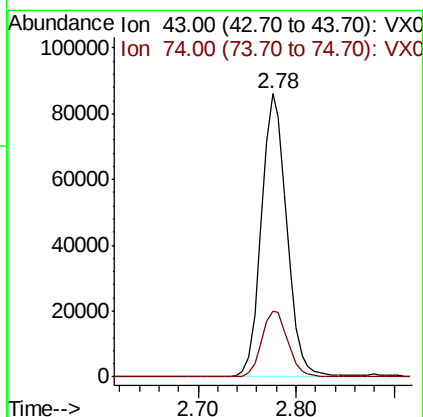
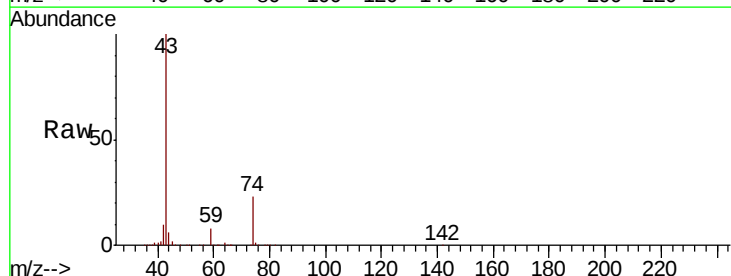
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBSD01

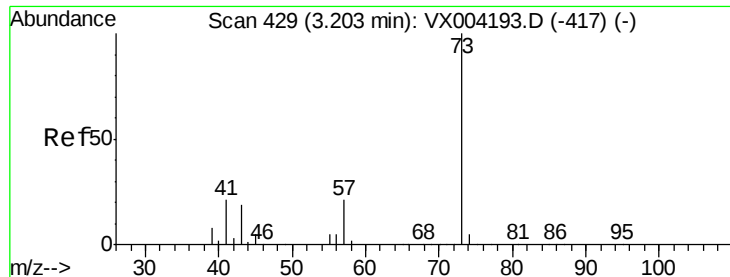
Tot Ion: 76 Resp: 161254
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.6



#18
Methyl Acetate
Concen: 25.68 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.00 min
Lab File: VX004325.D
Acq: 30 Aug 2018 18:13

Tgt Ion: 43 Resp: 154744
Ion Ratio Lower Upper
43 100
74 24.4 19.4 29.2

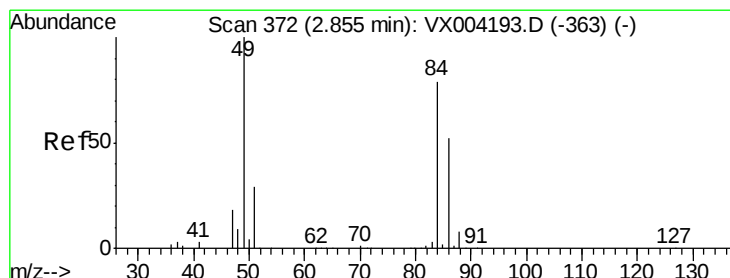
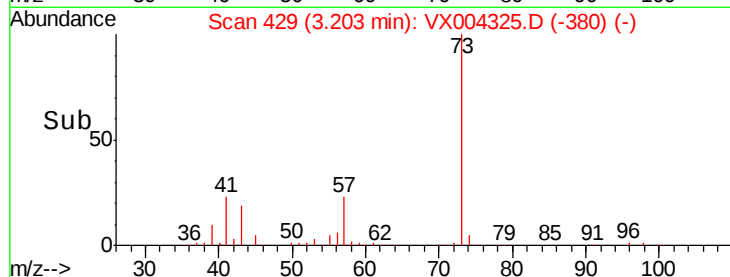
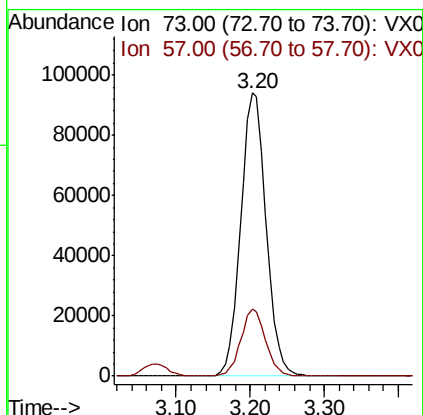
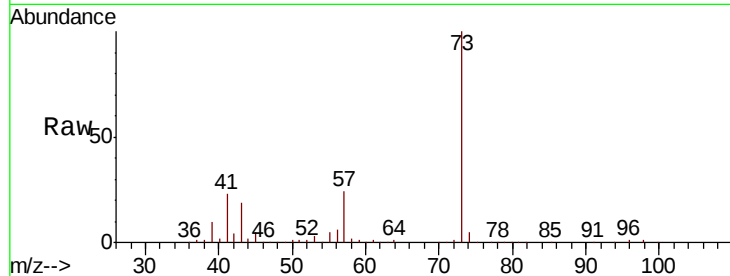




#19
Methyl tert-butyl Ether
Concen: 20.72 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.00 min
Lab File: VX004325.D
Acq: 30 Aug 2018 18:13

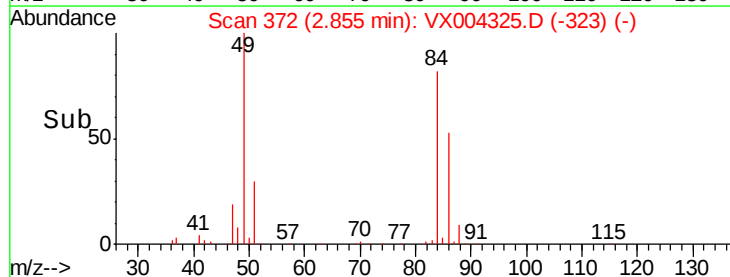
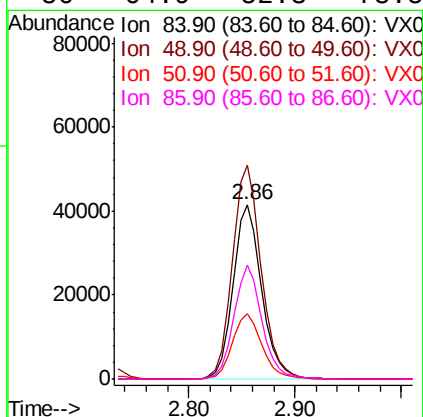
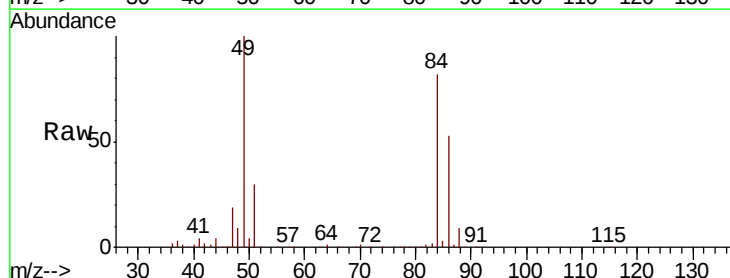
Instrument :
MSVOA_X
ClientSampleID :
VX0830WBSD01

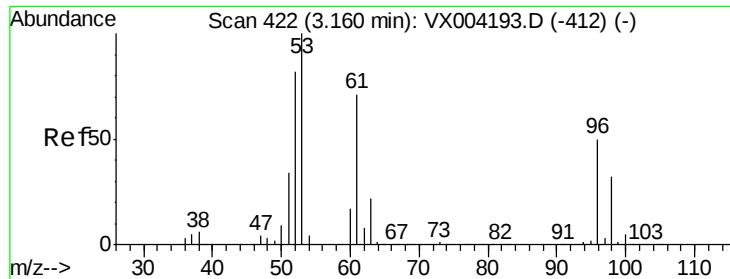
Tot Ion: 73 Resp: 225296
Ion Ratio Lower Upper
73 100
57 23.5 17.1 25.7



#20
Methylene Chloride
Concen: 19.97 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX004325.D
Acq: 30 Aug 2018 18:13

Tgt Ion: 84 Resp: 78059
Ion Ratio Lower Upper
84 100
49 122.3 101.2 151.8
51 37.3 29.5 44.3
86 64.9 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 19.02 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX004325.D

Acq: 30 Aug 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

VX0830WBSD01

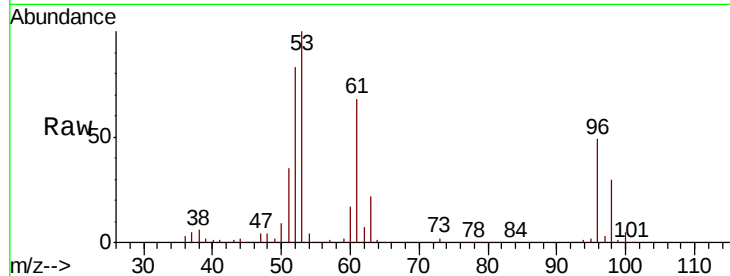
Tot Ion: 96 Resp: 69471

Ion Ratio Lower Upper

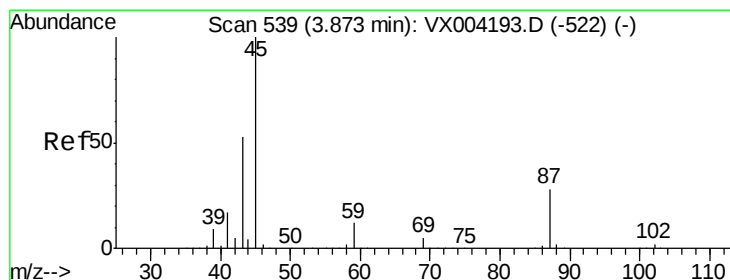
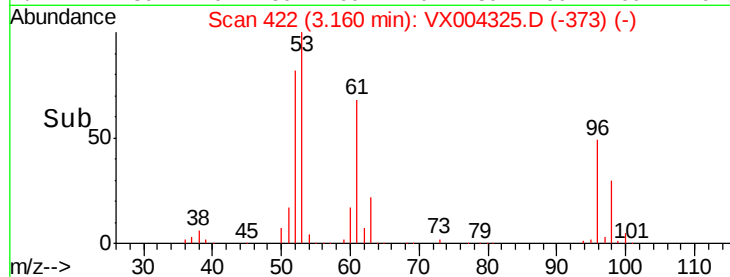
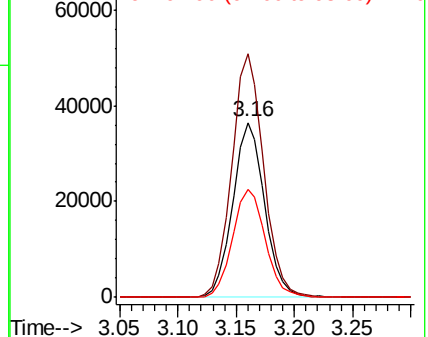
96 100

61 139.5 113.8 170.6

98 62.1 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: 20.68 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX004325.D

Acq: 30 Aug 2018 18:13

Tgt Ion: 45 Resp: 234073

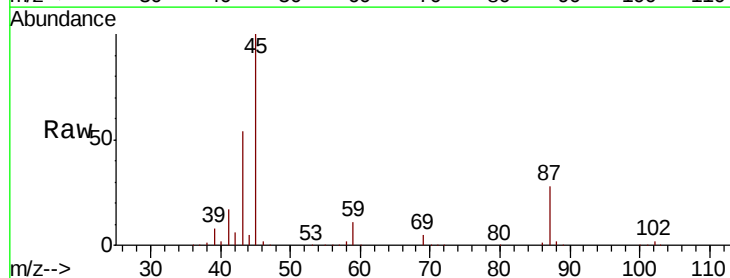
Ion Ratio Lower Upper

45 100

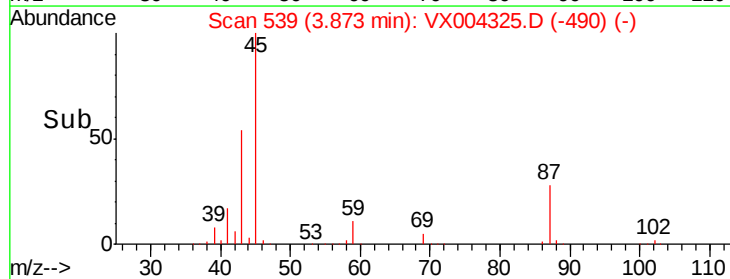
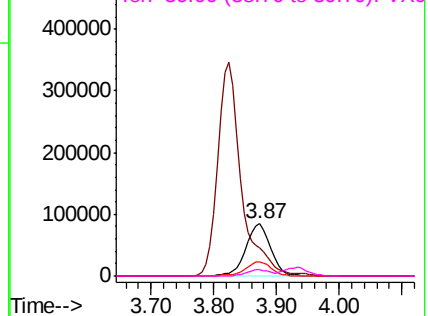
43 53.9 42.8 64.2

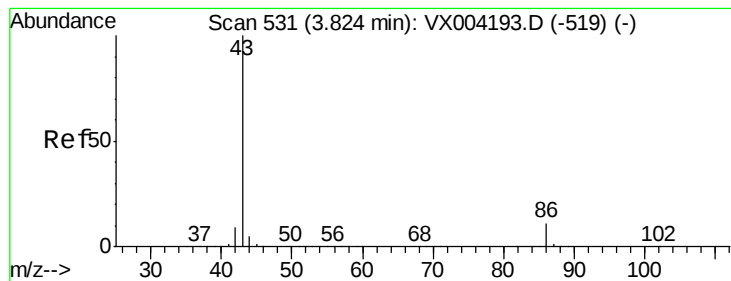
87 27.9 22.6 34.0

59 11.4 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: 98.77 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.00 min

Lab File: VX004325.D

Acq: 30 Aug 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

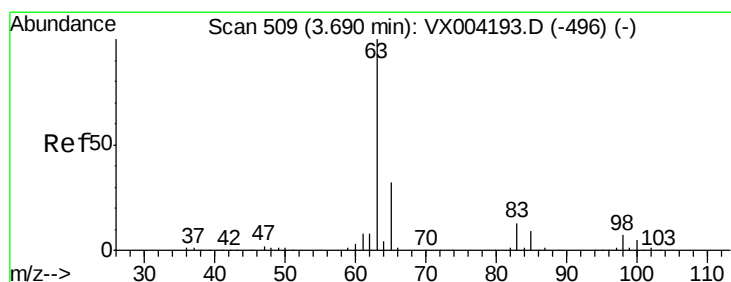
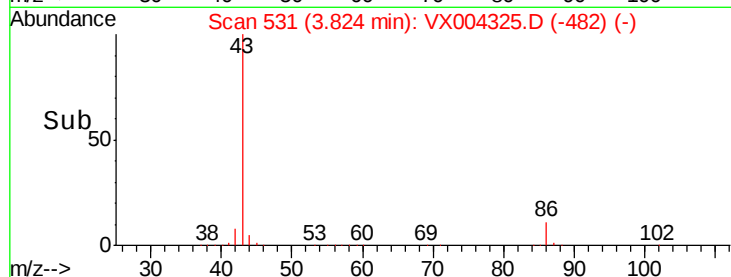
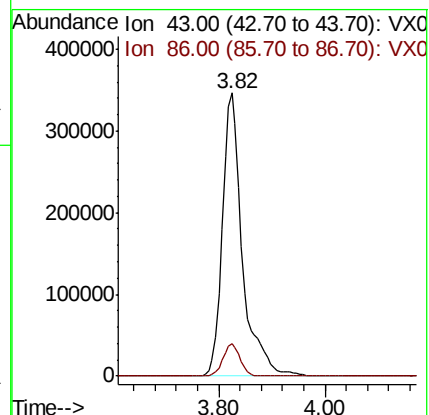
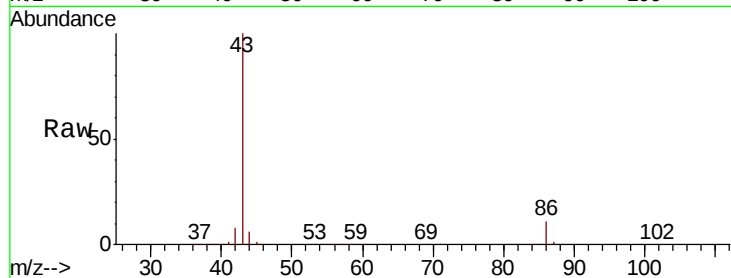
VX0830WBSD01

Tot Ion: 43 Resp: 906182

Ion Ratio Lower Upper

43 100

86 11.5 8.9 13.3



#24

1,1-Dichloroethane

Concen: 20.83 ug/l

RT: 3.69 min Scan# 509

Delta R.T. -0.00 min

Lab File: VX004325.D

Acq: 30 Aug 2018 18:13

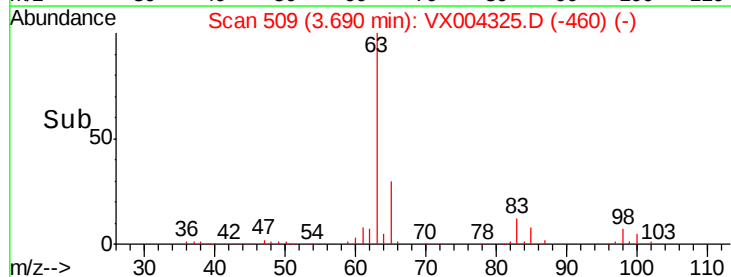
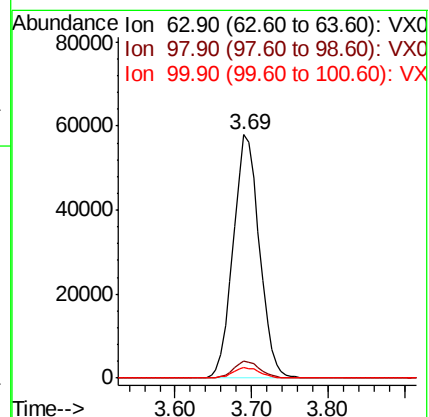
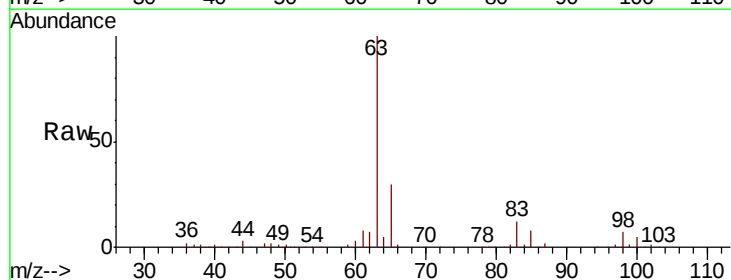
Tgt Ion: 63 Resp: 137415

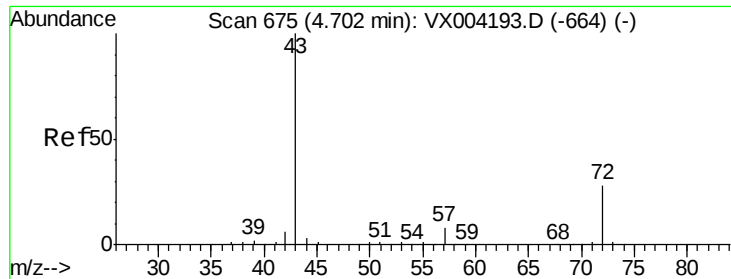
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.4

100 4.6 2.4 7.1





#25

2-Butanone

Concen: 107.10 ug/l

RT: 4.70 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX004325.D

Acq: 30 Aug 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

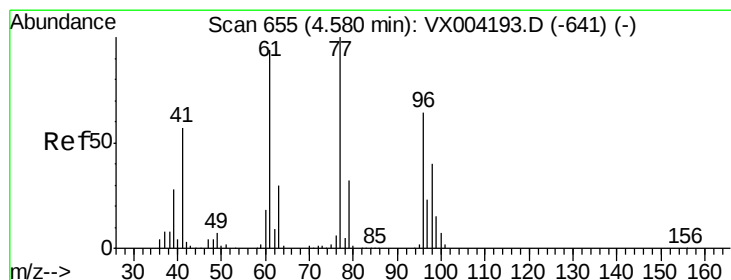
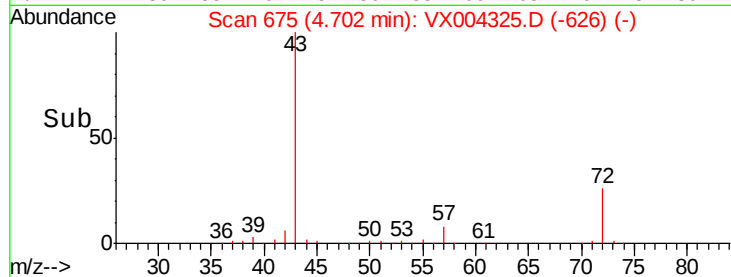
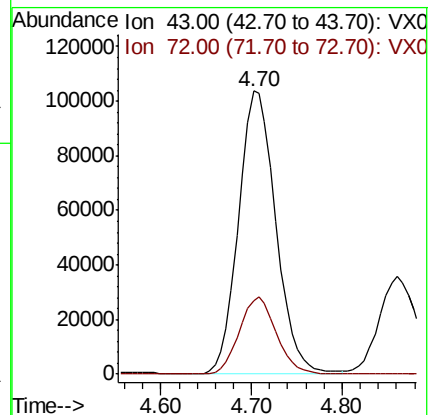
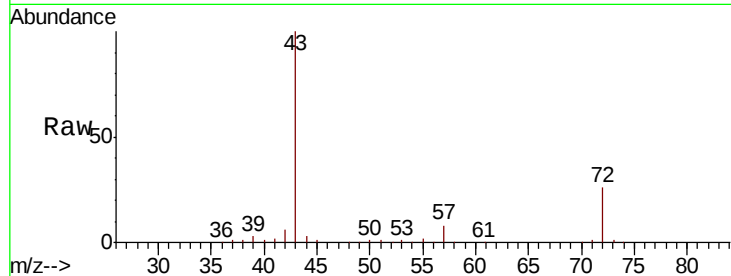
VX0830WBSD01

Tot Ion: 43 Resp: 295789

Ion Ratio Lower Upper

43 100

72 26.1 22.0 33.0



#26

2,2-Dichloropropane

Concen: 19.83 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.00 min

Lab File: VX004325.D

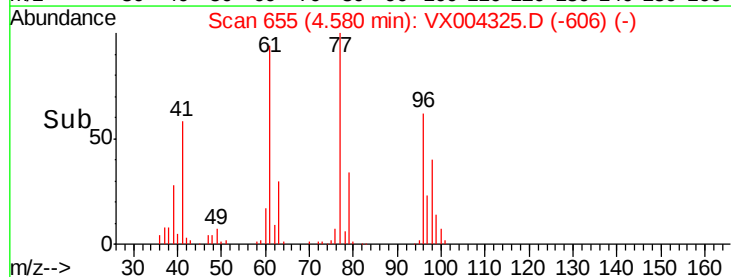
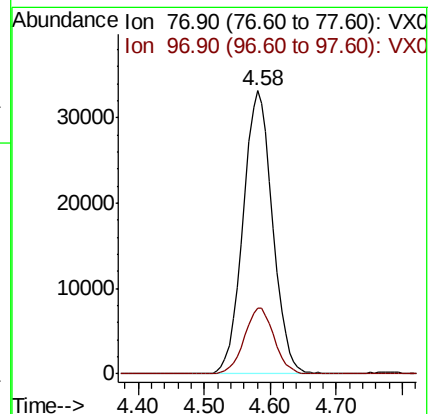
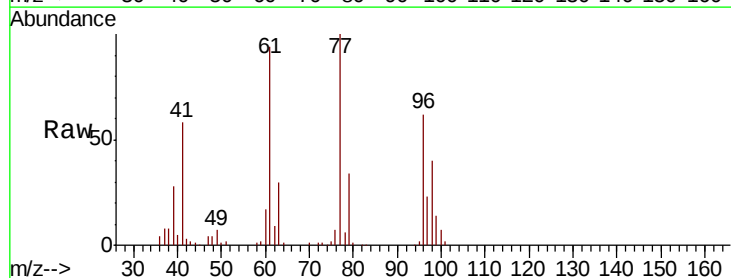
Acq: 30 Aug 2018 18:13

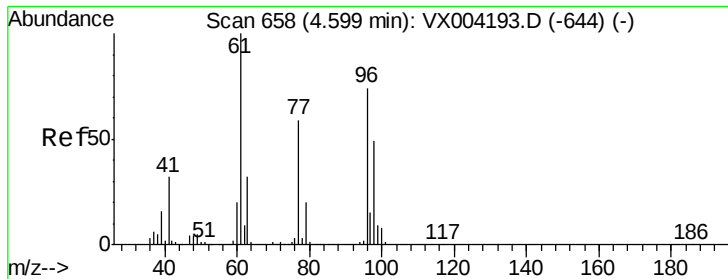
Tgt Ion: 77 Resp: 102599

Ion Ratio Lower Upper

77 100

97 23.5 11.7 35.0



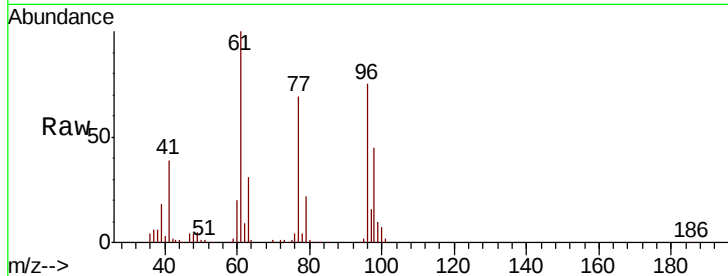


#27

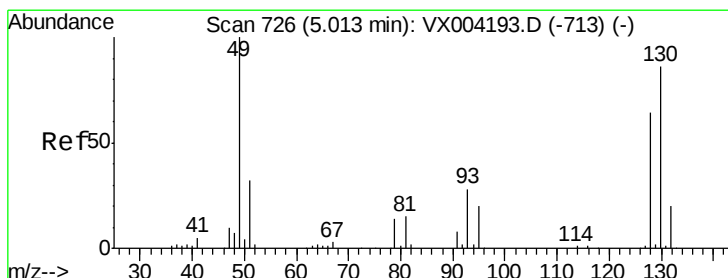
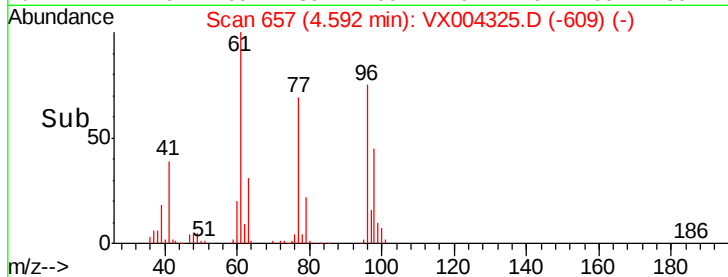
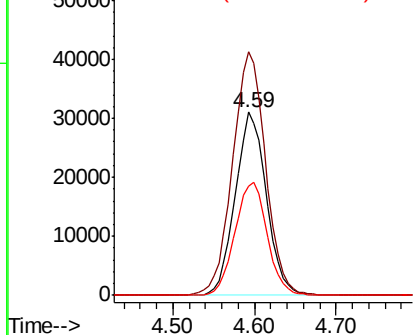
cis-1,2-Dichloroethene
 Concen: 19.84 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VX004325.D
 Acq: 30 Aug 2018 18:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830WBSD01

Tot Ion: 96 Resp: 82172
 Ion Ratio Lower Upper
 96 100
 61 140.6 0.0 282.6
 98 64.0 0.0 130.2



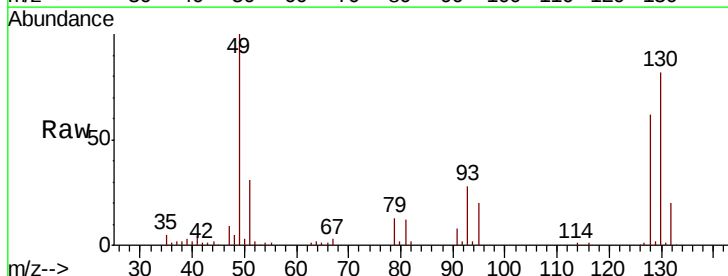
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



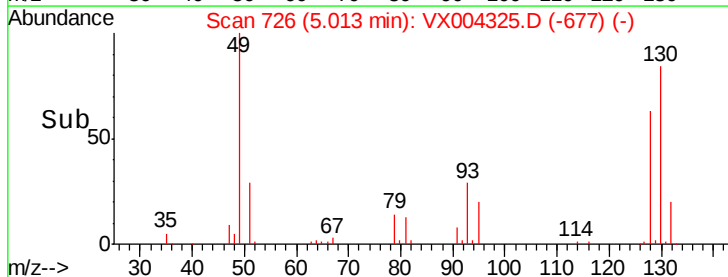
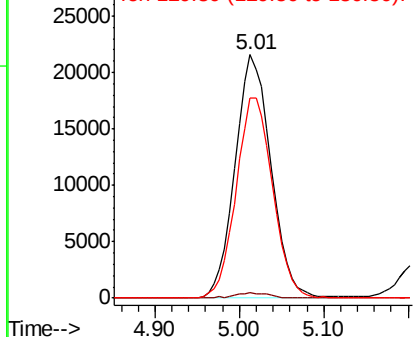
#28

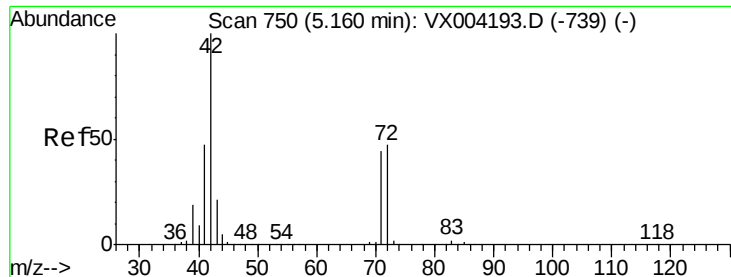
Bromochloromethane
 Concen: 21.39 ug/l
 RT: 5.01 min Scan# 726
 Delta R.T. -0.00 min
 Lab File: VX004325.D
 Acq: 30 Aug 2018 18:13

Tgt Ion: 49 Resp: 62471
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 83.4 67.5 101.3



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 105.63 ug/l

RT: 5.16 min Scan# 750

Delta R.T. -0.00 min

Lab File: VX004325.D

Acq: 30 Aug 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

VX0830WBSD01

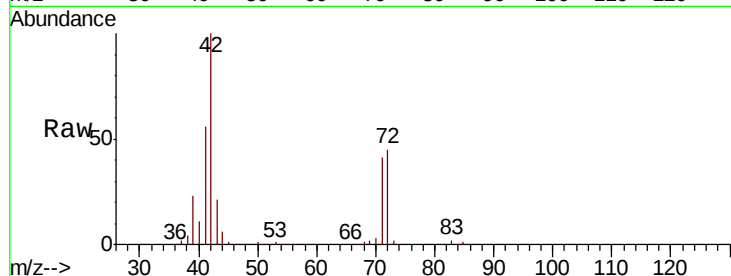
Tot Ion: 42 Resp: 184248

Ion Ratio Lower Upper

42 100

72 46.2 37.4 56.0

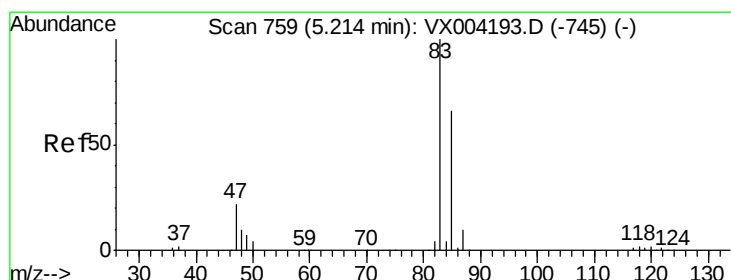
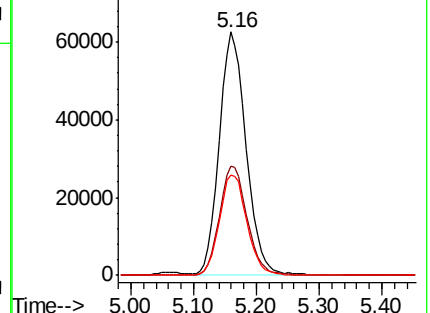
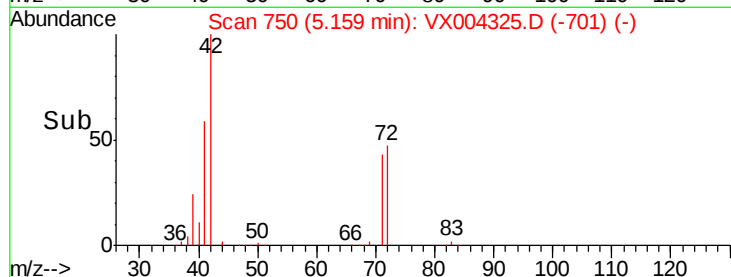
71 42.6 34.5 51.7



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: 20.50 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX004325.D

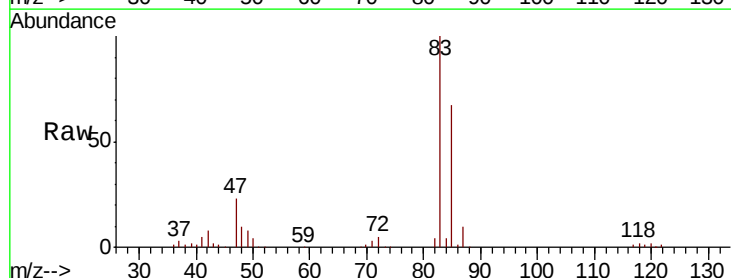
Acq: 30 Aug 2018 18:13

Tgt Ion: 83 Resp: 135614

Ion Ratio Lower Upper

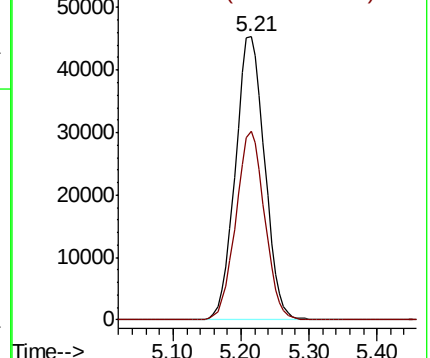
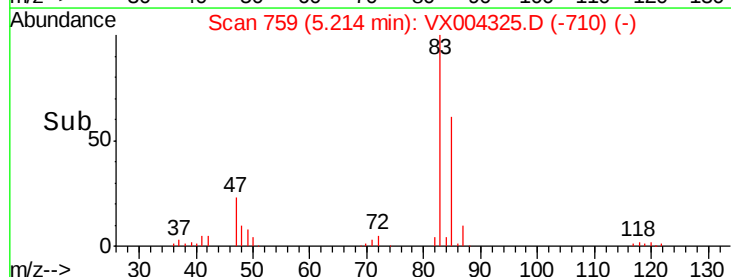
83 100

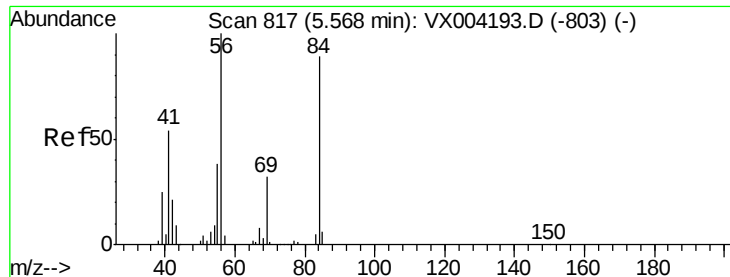
85 66.8 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 19.26 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX004325.D

Acq: 30 Aug 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

VX0830WBSD01

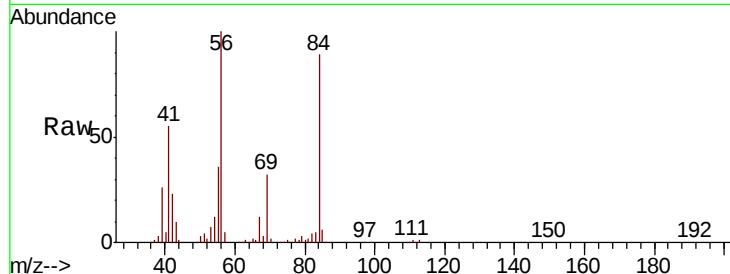
Tot Ion: 56 Resp: 109644

Ion Ratio Lower Upper

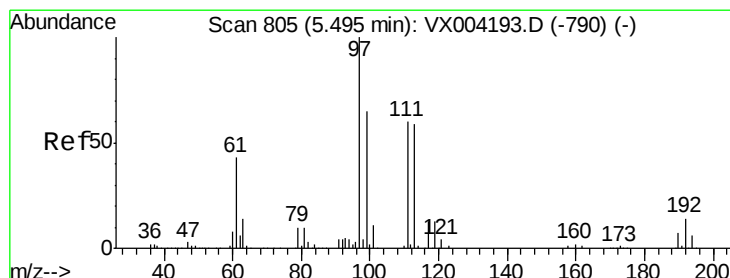
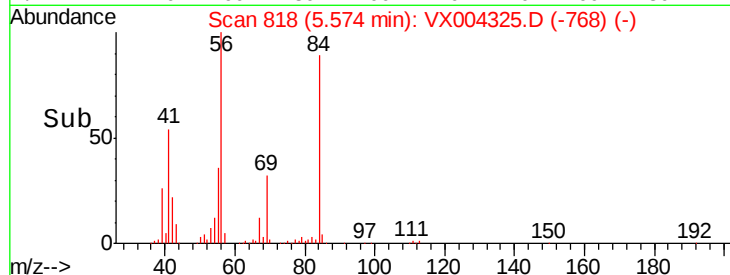
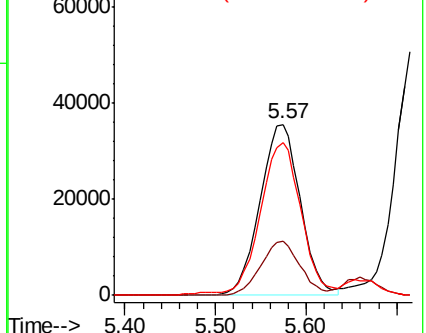
56 100

69 31.6 25.4 38.2

84 88.4 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: 20.21 ug/l

RT: 5.49 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX004325.D

Acq: 30 Aug 2018 18:13

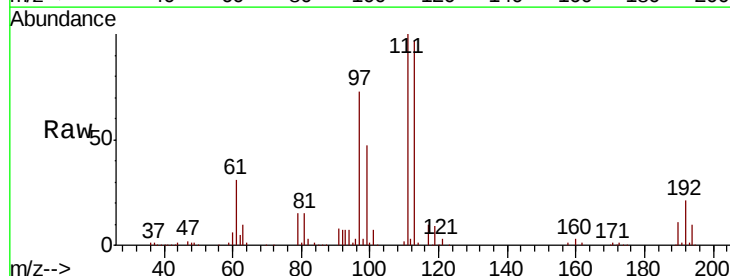
Tgt Ion: 97 Resp: 111478

Ion Ratio Lower Upper

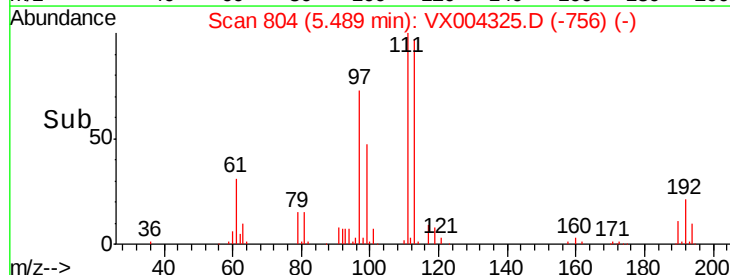
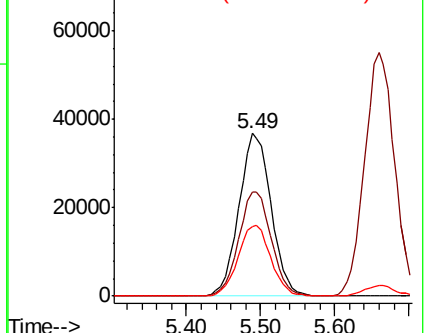
97 100

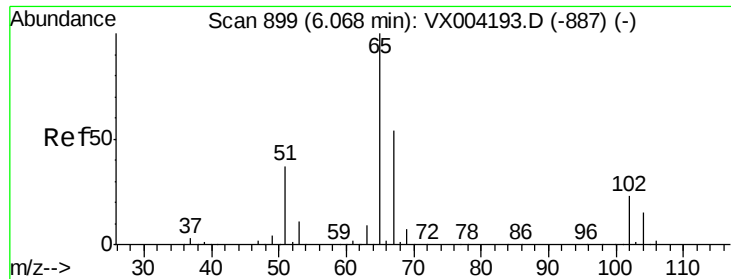
99 64.8 52.0 78.0

61 44.4 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

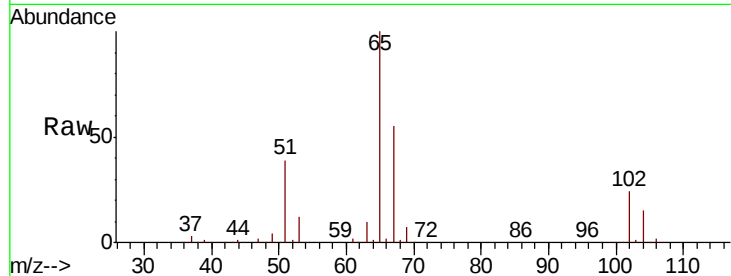




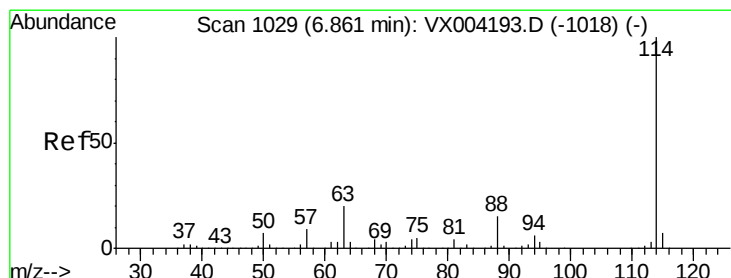
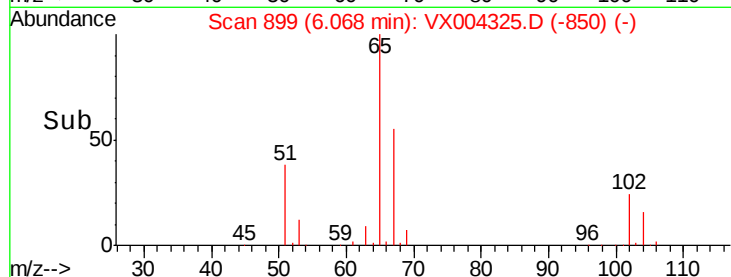
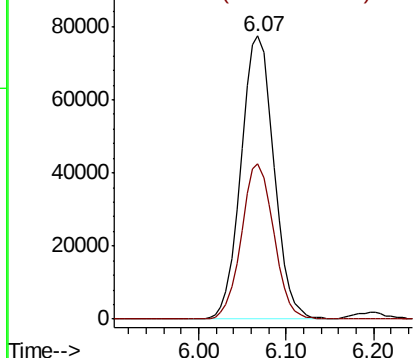
#33
 1,2-Dichloroethane-d4
 Concen: 49.90 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004325.D
 Acq: 30 Aug 2018 18:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830WBSD01

Tot Ion: 65 Resp: 202577
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 106.8

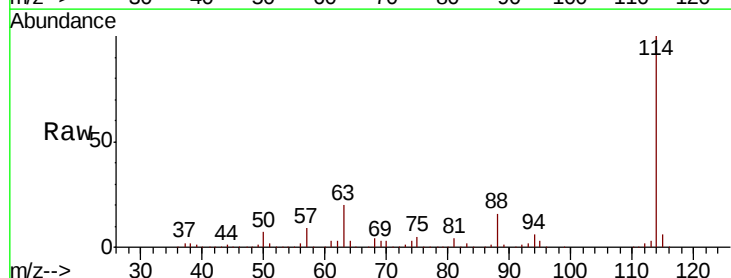


Abundance Ion 64.90 (64.60 to 65.60): VX0
 Ion 66.90 (66.60 to 67.60): VX0

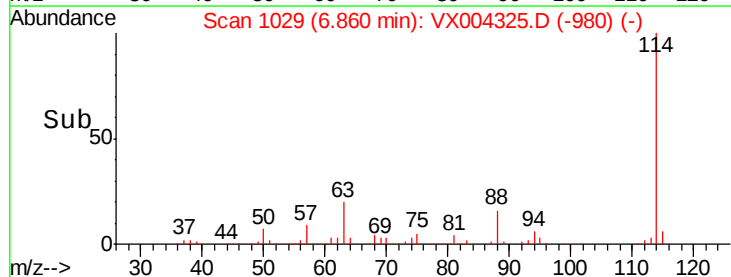
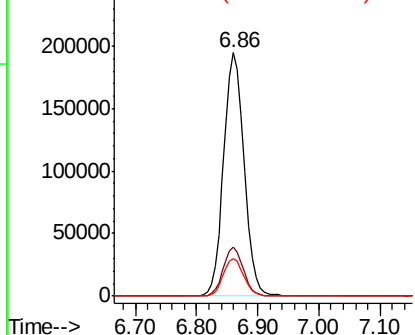


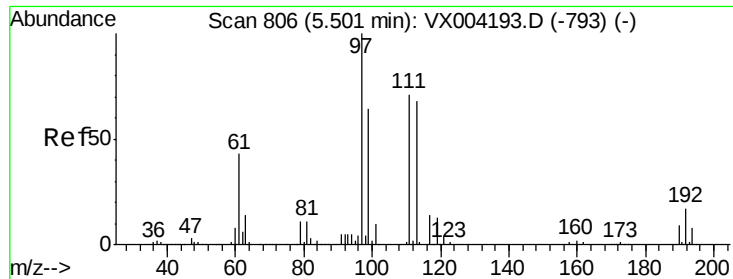
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004325.D
 Acq: 30 Aug 2018 18:13

Tgt Ion: 114 Resp: 451151
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.0
 88 15.5 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

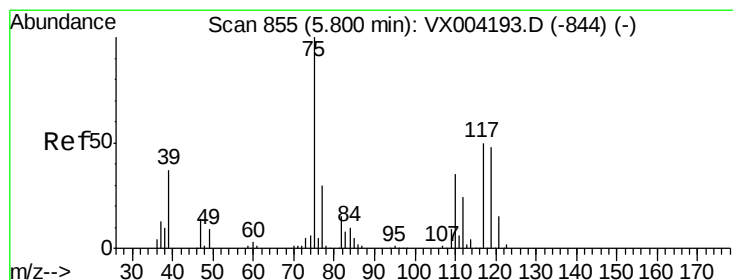
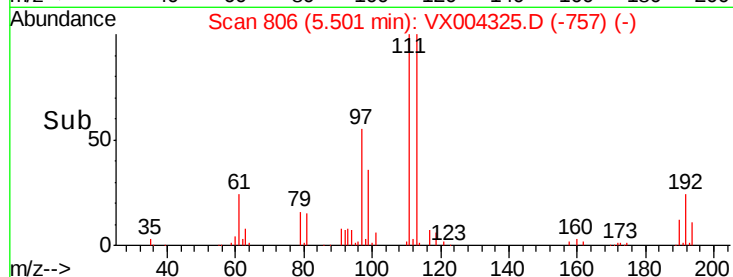
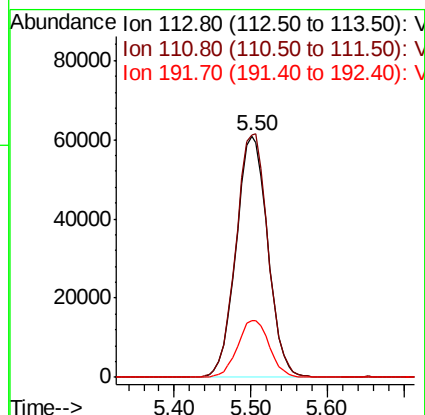
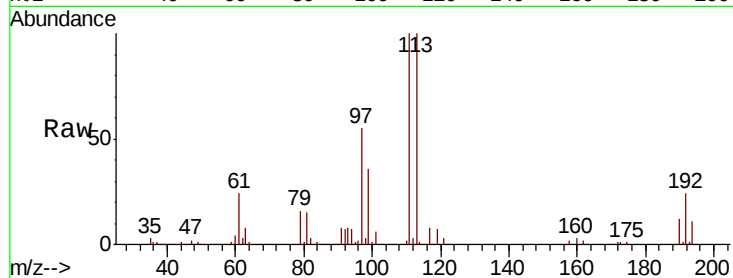




#35
 Dibromofluoromethane
 Concen: 51.93 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004325.D
 Acq: 30 Aug 2018 18:13

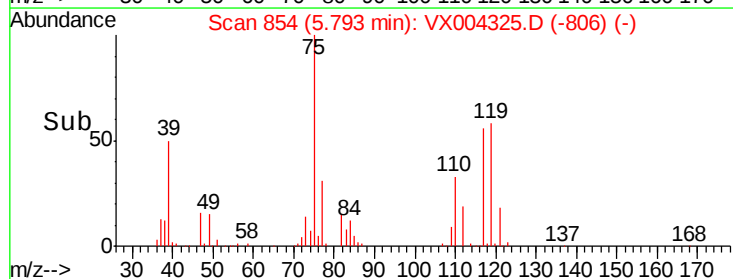
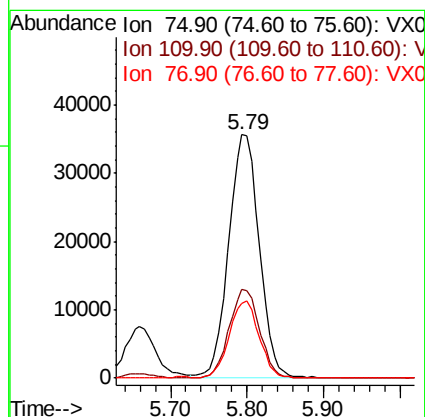
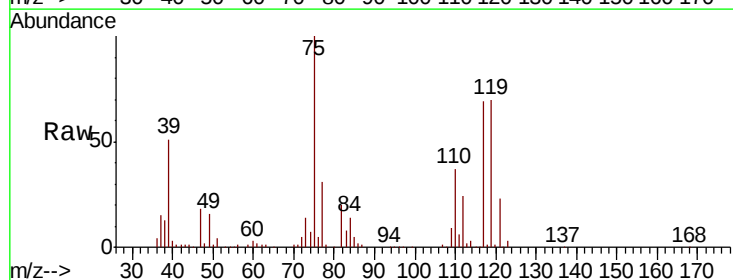
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830WBSD01

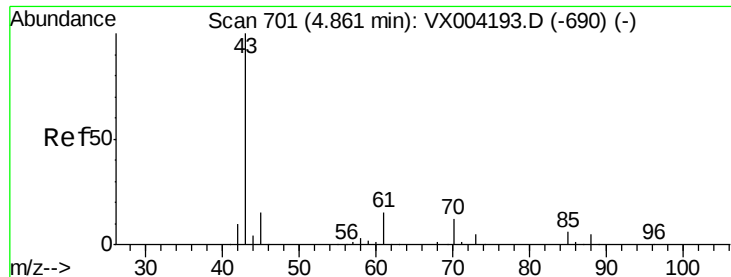
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.4	123.6
192	23.9	19.4	29.2



#36
 1,1-Dichloropropene
 Concen: 19.53 ug/l
 RT: 5.79 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: VX004325.D
 Acq: 30 Aug 2018 18:13

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.0	18.0	54.0
77	30.9	24.6	36.8





#37

Ethyl Acetate

Concen: 21.03 ug/l

RT: 4.86 min Scan# 701

Delta R.T. -0.00 min

Lab File: VX004325.D

Acq: 30 Aug 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

VX0830WBSD01

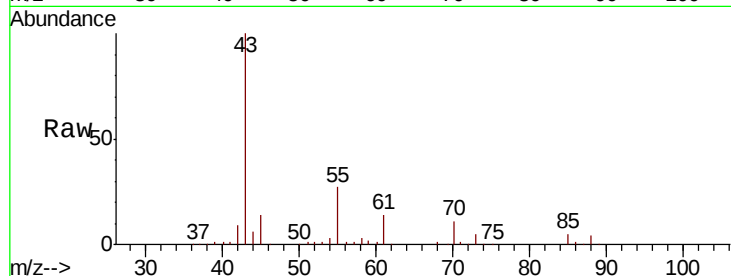
Tot Ion: 43 Resp: 104914

Ion Ratio Lower Upper

43 100

61 14.4 11.5 17.3

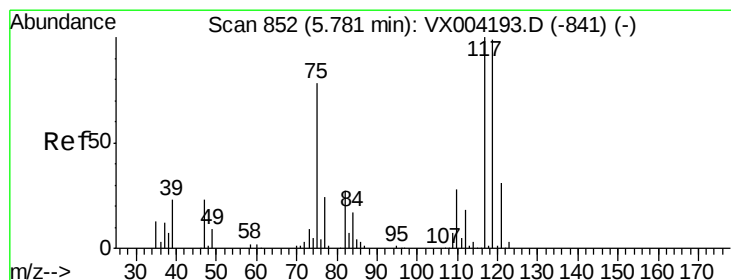
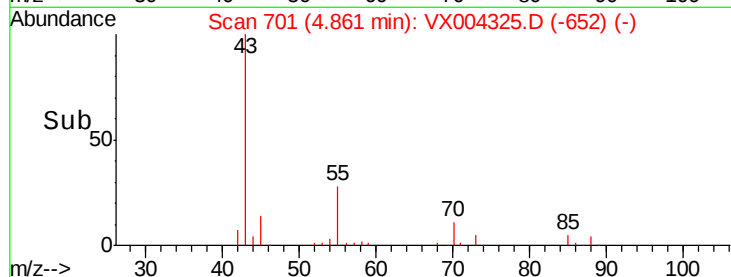
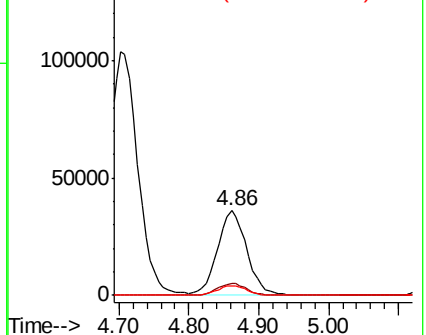
70 11.4 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 20.06 ug/l

RT: 5.78 min Scan# 851

Delta R.T. -0.01 min

Lab File: VX004325.D

Acq: 30 Aug 2018 18:13

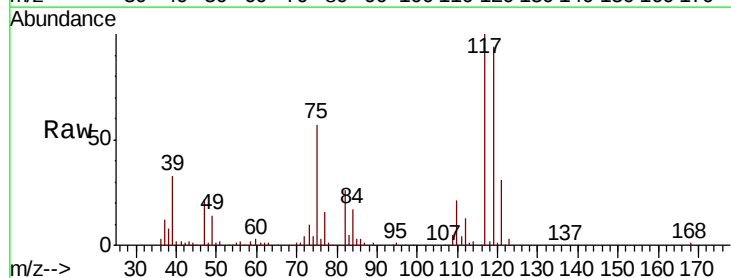
Tgt Ion: 117 Resp: 95709

Ion Ratio Lower Upper

117 100

119 93.8 78.8 118.2

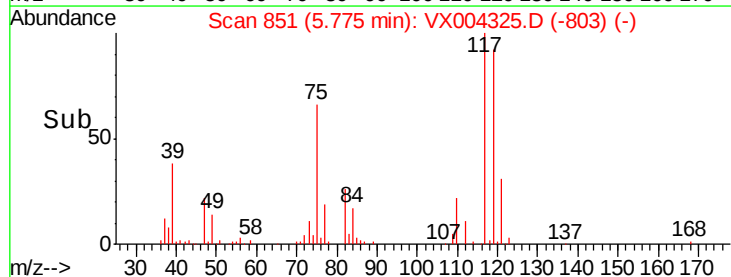
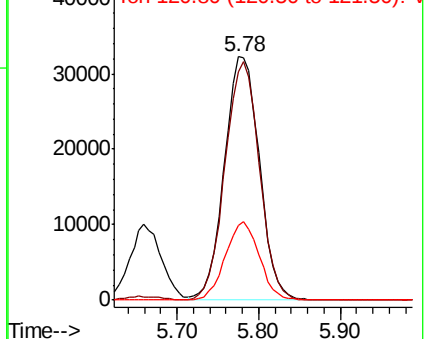
121 30.8 24.9 37.3

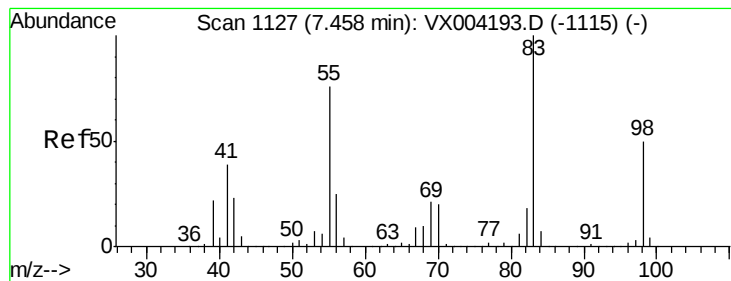


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#39

Methvlcvclohexane

Concen: 18.16 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. 0.01 min

Lab File: VX004325.D

Acq: 30 Aug 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

VX0830WBSD01

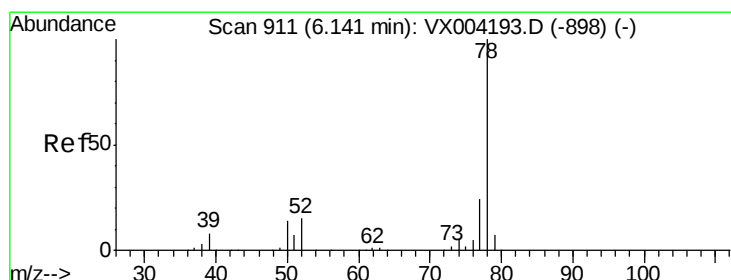
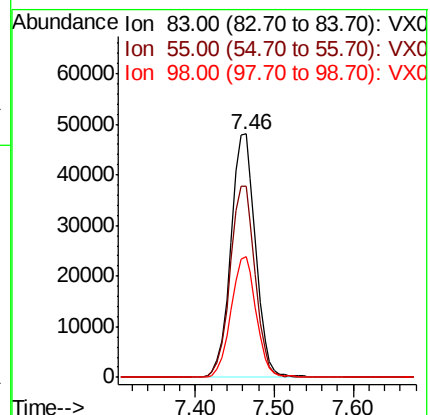
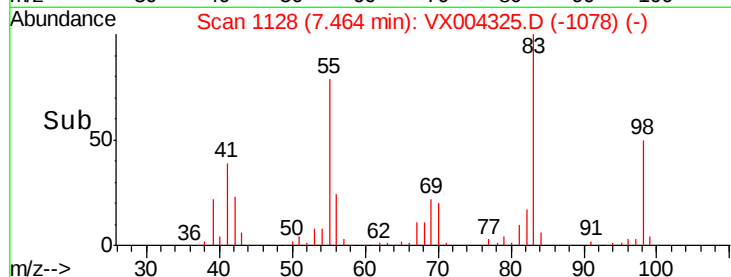
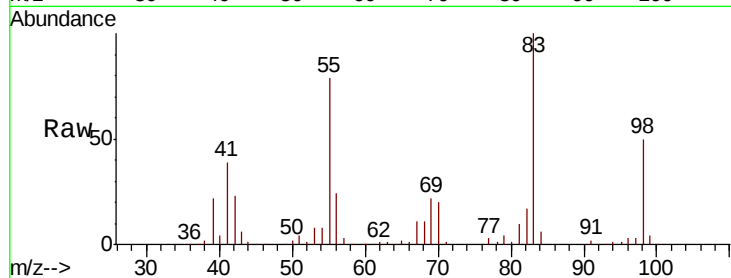
Tot Ion: 83 Resp: 105139

Ion Ratio Lower Upper

83 100

55 78.6 61.0 91.4

98 49.7 39.6 59.4



#40

Benzene

Concen: 20.43 ug/l

RT: 6.14 min Scan# 911

Delta R.T. -0.00 min

Lab File: VX004325.D

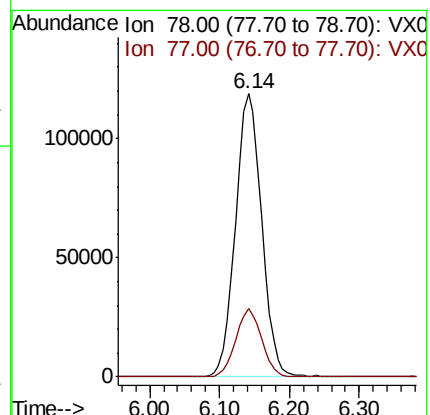
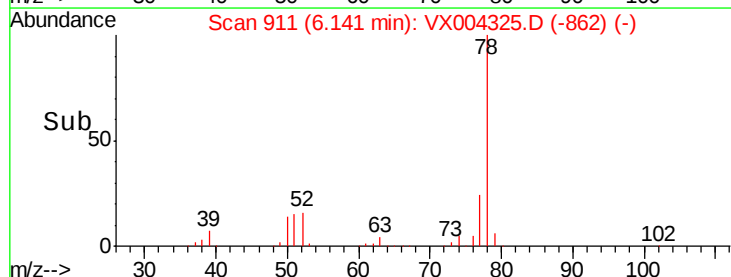
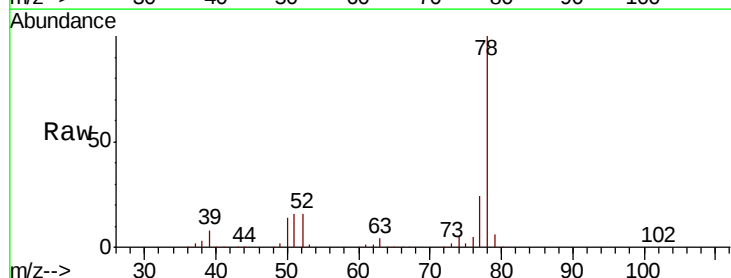
Acq: 30 Aug 2018 18:13

Tgt Ion: 78 Resp: 309552

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.4

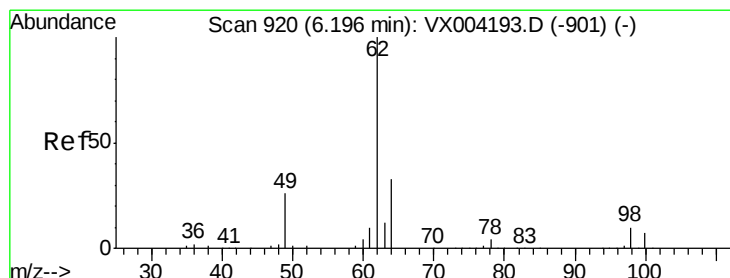
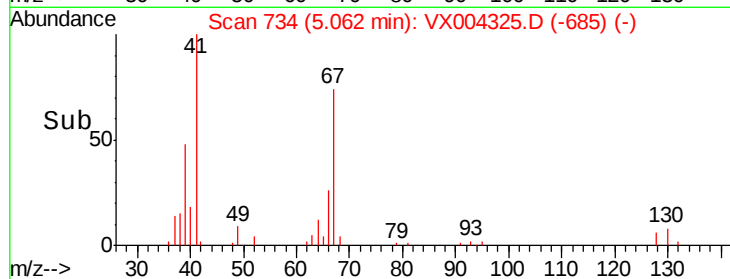
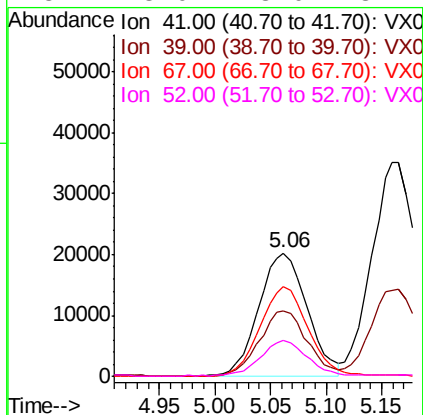
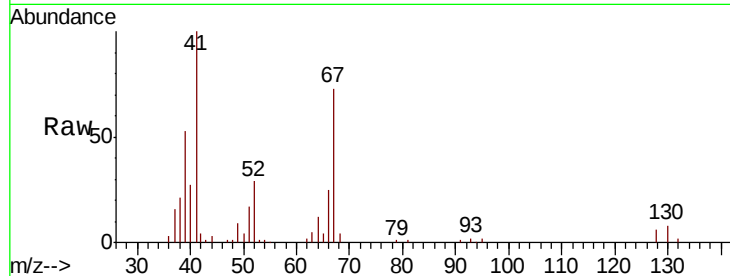




#41
Methacrylonitrile
Concen: 21.13 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.00 min
Lab File: VX004325.D
Acq: 30 Aug 2018 18:13

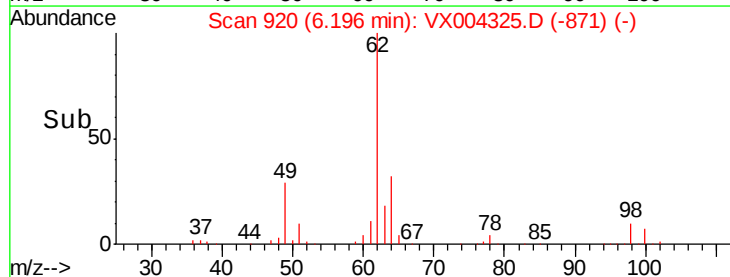
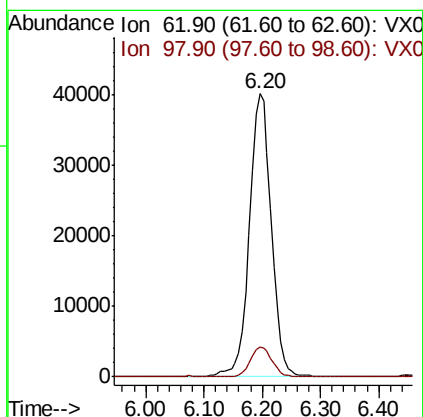
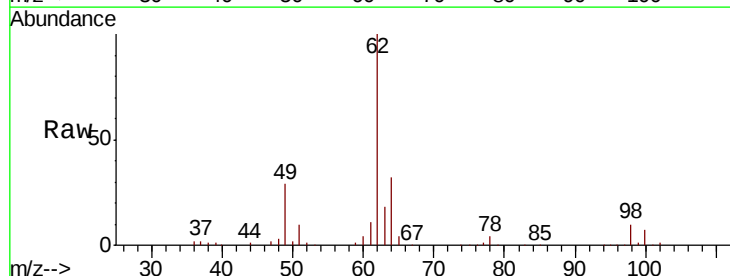
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBSD01

Tot Ion:	41	Resp:	61087
Ion	Ratio	Lower	Upper
41	100		
39	52.2	42.4	63.6
67	73.2	59.2	88.8
52	28.0	23.0	34.4



#42
1,2-Dichloroethane
Concen: 20.23 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.00 min
Lab File: VX004325.D
Acq: 30 Aug 2018 18:13

Tgt Ion:	62	Resp:	104572
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.6



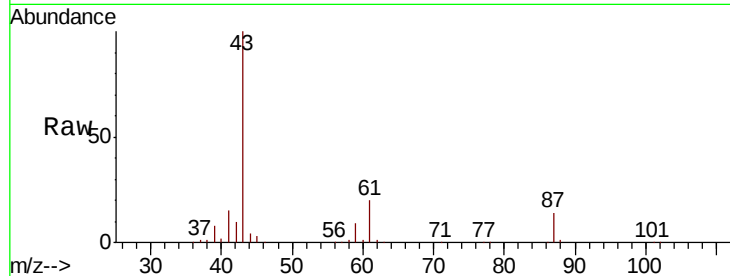


#43

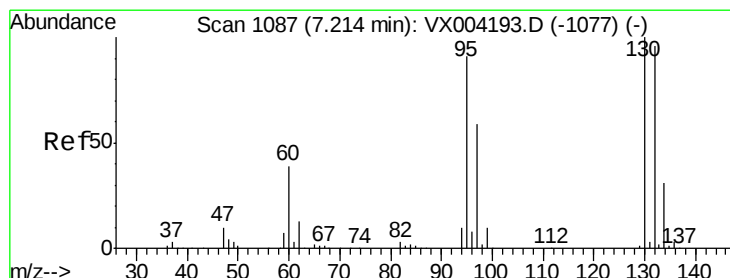
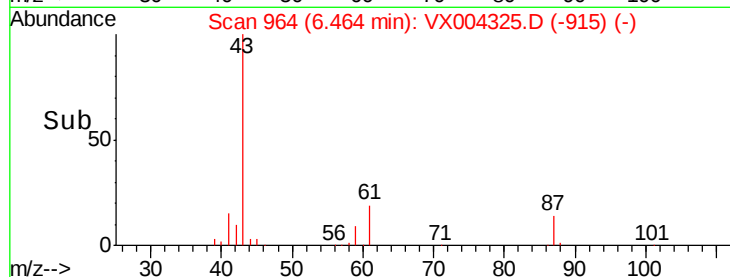
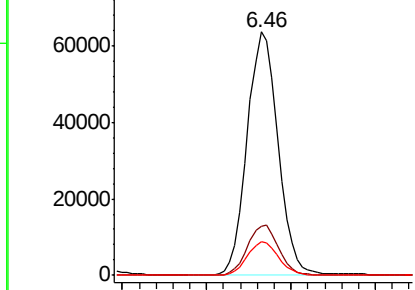
Isopropyl Acetate
 Concen: 20.68 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: VX004325.D
 Acq: 30 Aug 2018 18:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830WBSD01

Tot Ion: 43 Resp: 158477
 Ion Ratio Lower Upper
 43 100
 61 21.0 17.0 25.4
 87 14.0 11.4 17.2



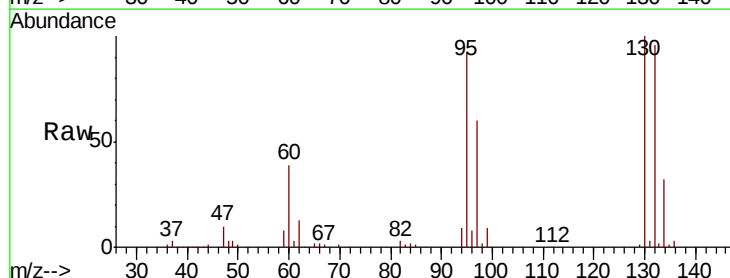
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



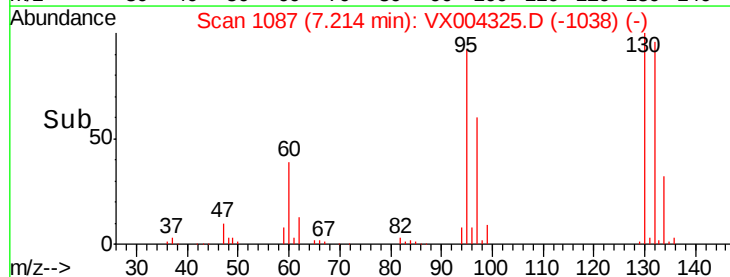
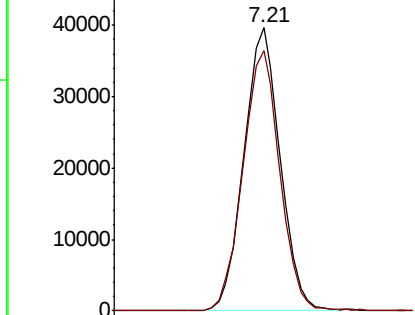
#44

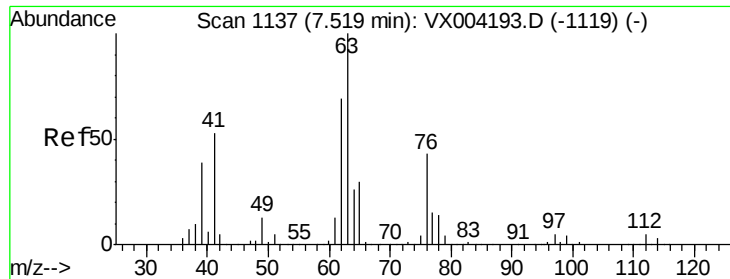
Trichloroethene
 Concen: 19.50 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX004325.D
 Acq: 30 Aug 2018 18:13

Tgt Ion:130 Resp: 81823
 Ion Ratio Lower Upper
 130 100
 95 92.0 0.0 181.6



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





#45

1,2-Dichloropropane

Concen: 20.99 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX004325.D

Acq: 30 Aug 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

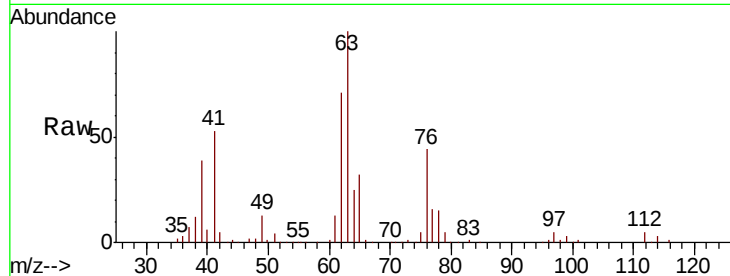
VX0830WBSD01

Tot Ion: 63 Resp: 79629

Ion Ratio Lower Upper

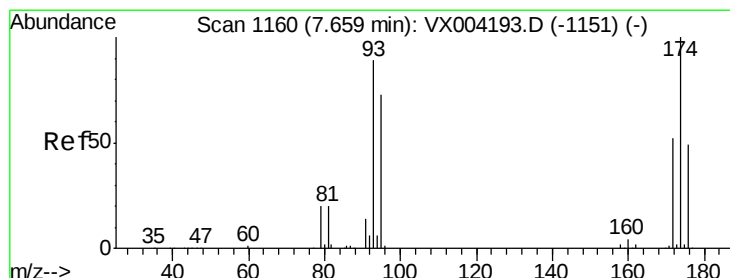
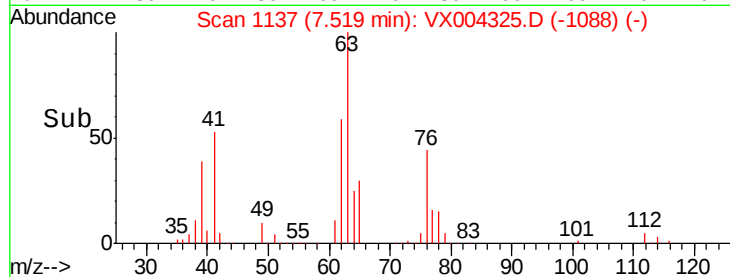
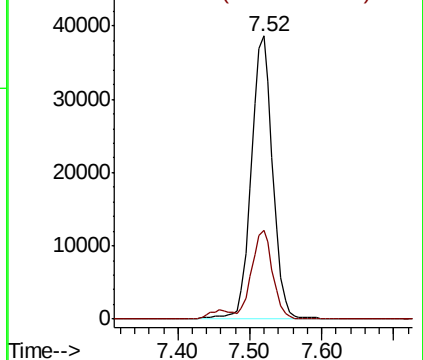
63 100

65 31.6 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: 20.35 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.01 min

Lab File: VX004325.D

Acq: 30 Aug 2018 18:13

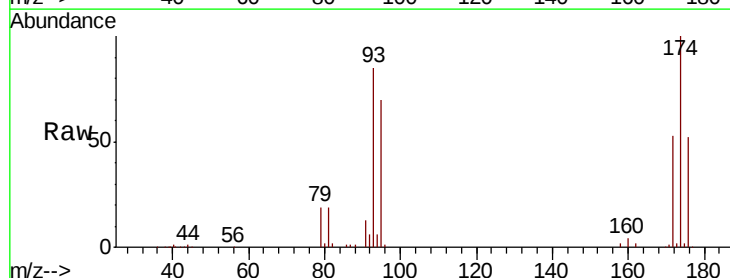
Tgt Ion: 93 Resp: 51391

Ion Ratio Lower Upper

93 100

95 82.1 65.5 98.3

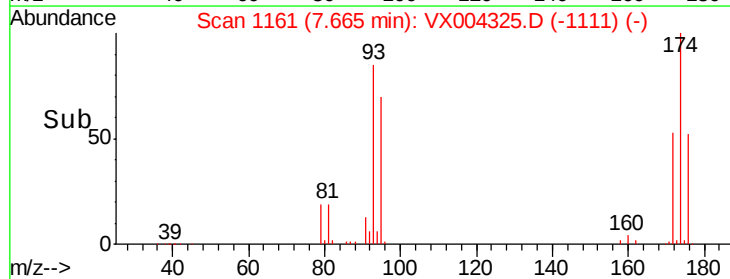
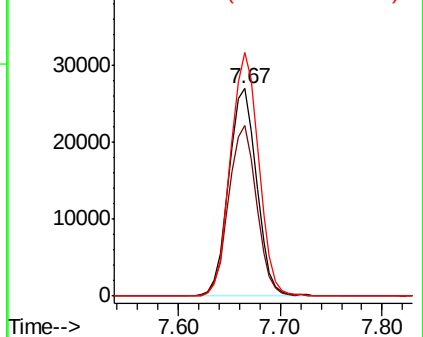
174 117.3 94.2 141.4



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: 20.52 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.01 min

Lab File: VX004325.D

Acq: 30 Aug 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

VX0830WBSD01

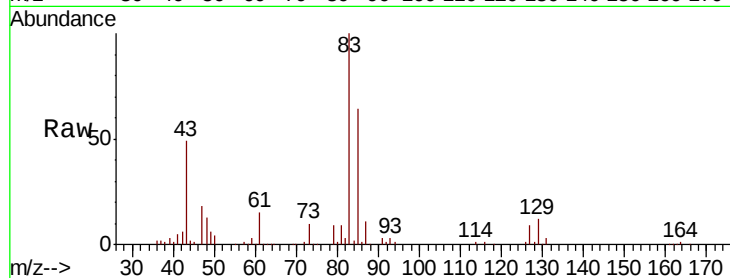
Tot Ion: 83 Resp: 96427

Ion Ratio Lower Upper

83 100

85 64.0 50.9 76.3

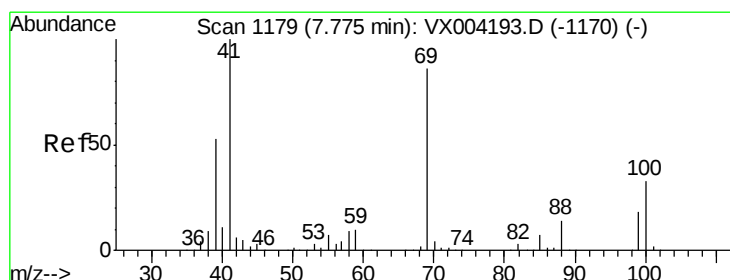
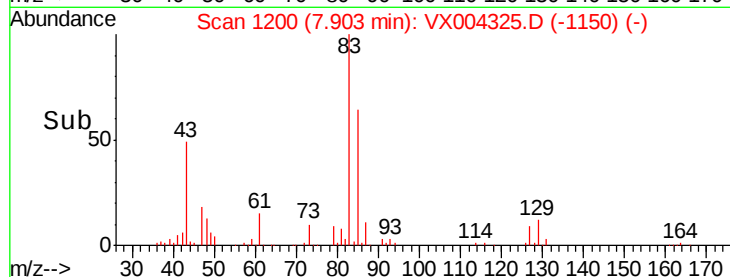
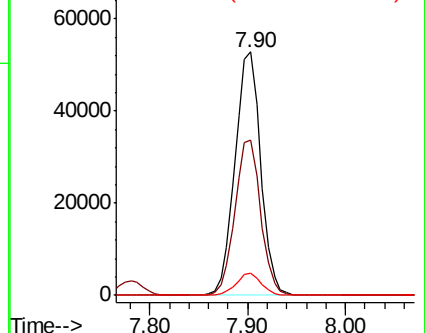
127 9.3 7.3 10.9



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: 20.57 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VX004325.D

Acq: 30 Aug 2018 18:13

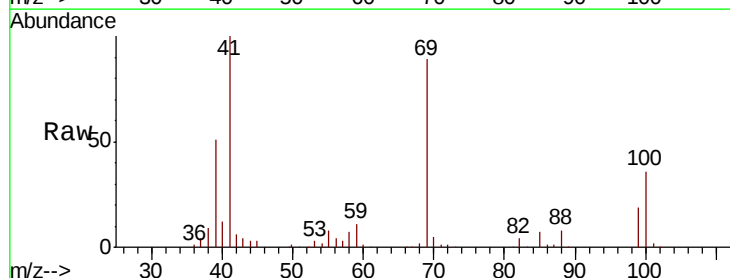
Tgt Ion: 41 Resp: 84382

Ion Ratio Lower Upper

41 100

69 87.9 70.2 105.4

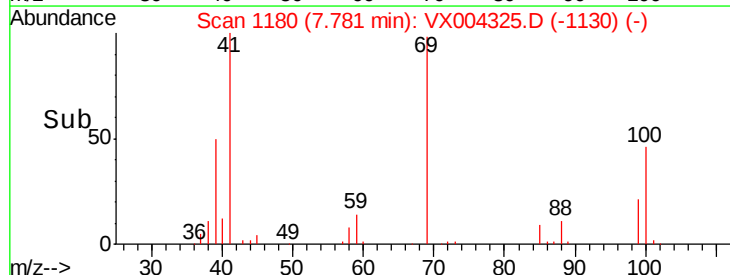
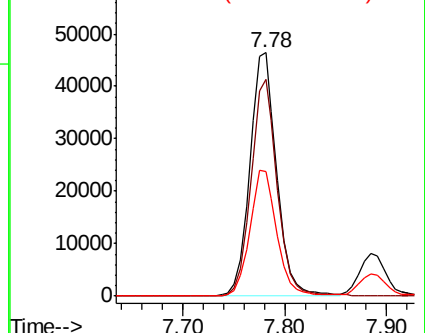
39 52.4 42.7 64.1

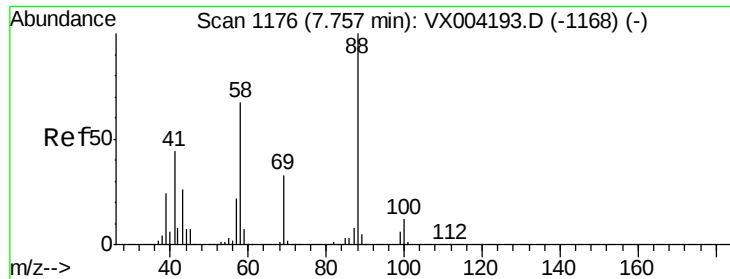


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 411.91 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. -0.00 min

Lab File: VX004325.D

Acq: 30 Aug 2018 18:13

Instrument :
MSVOA_X
ClientSampleId :
VX0830WBSD01

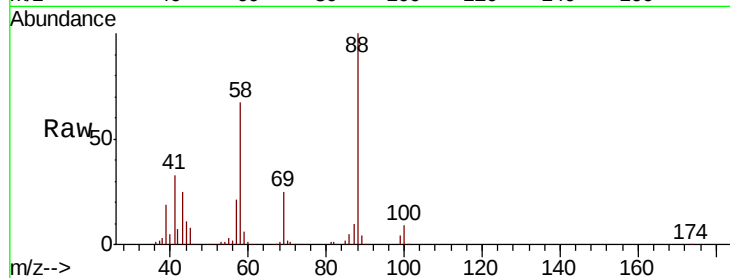
Tot Ion: 88 Resp: 38356

Ion Ratio Lower Upper

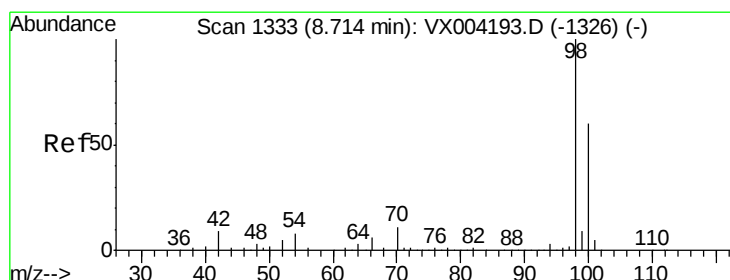
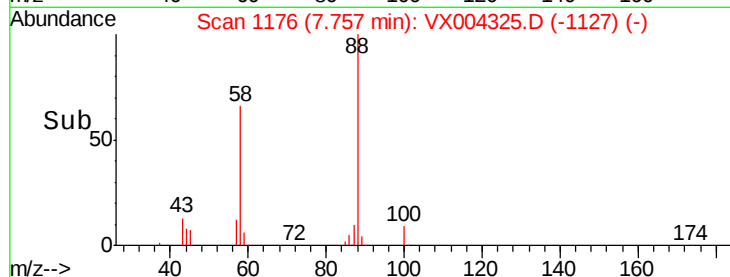
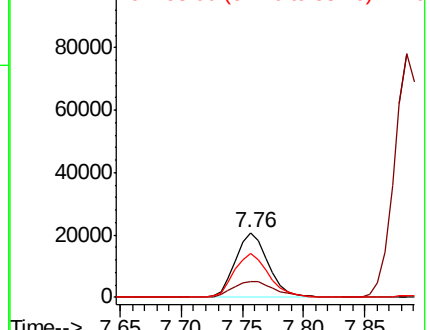
88 100

43 32.1 24.7 37.1

58 71.8 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: 50.88 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.00 min

Lab File: VX004325.D

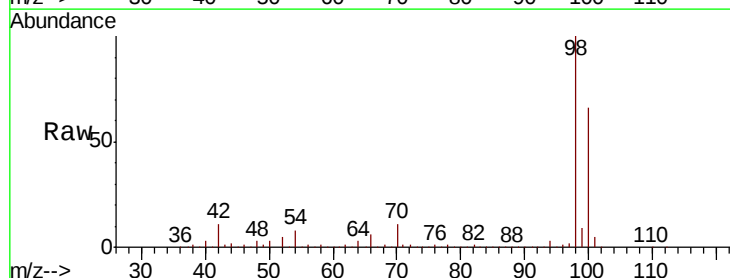
Acq: 30 Aug 2018 18:13

Tgt Ion: 98 Resp: 644577

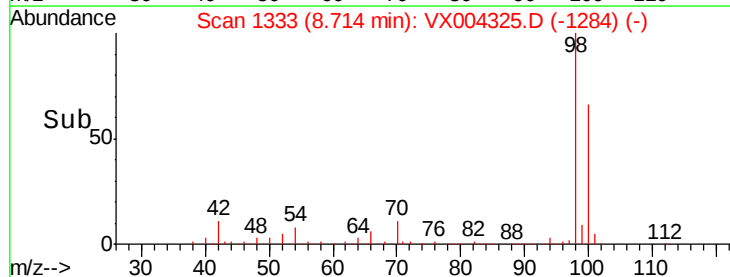
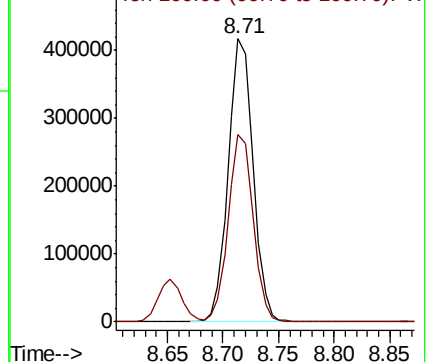
Ion Ratio Lower Upper

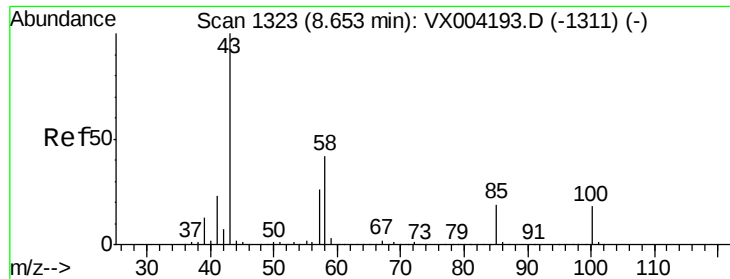
98 100

100 66.6 52.9 79.3



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





#51

4-Methyl-2-Pentanone

Concen: 102.20 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004325.D

Acq: 30 Aug 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

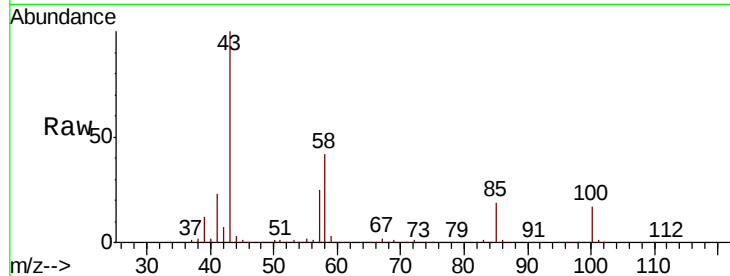
VX0830WBSD01

Tot Ion: 43 Resp: 569154

Ion Ratio Lower Upper

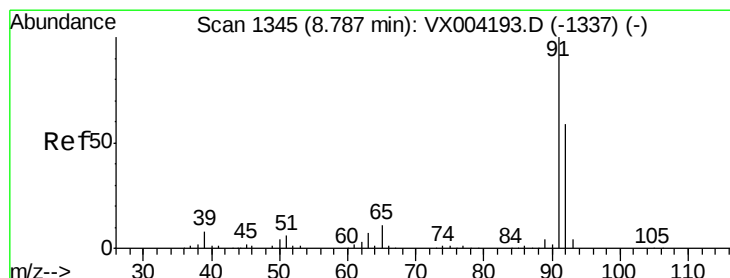
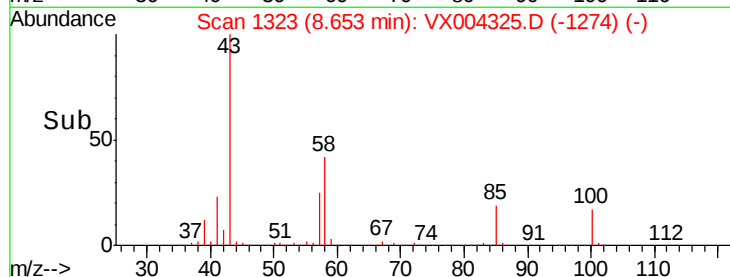
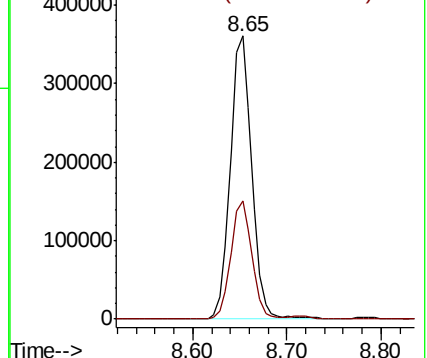
43 100

58 40.9 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: 20.44 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004325.D

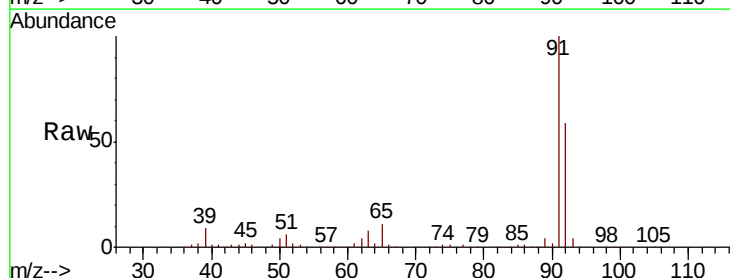
Acq: 30 Aug 2018 18:13

Tgt Ion: 92 Resp: 193955

Ion Ratio Lower Upper

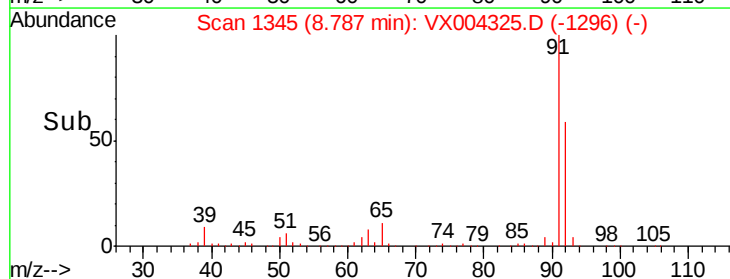
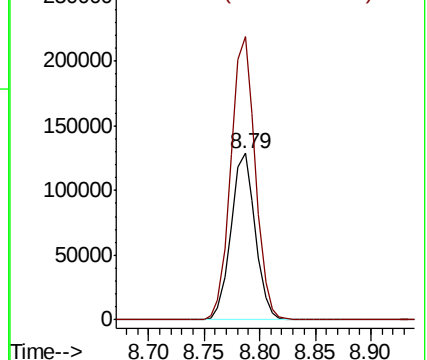
92 100

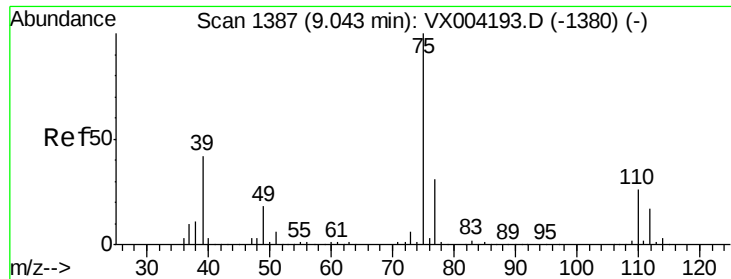
91 171.5 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

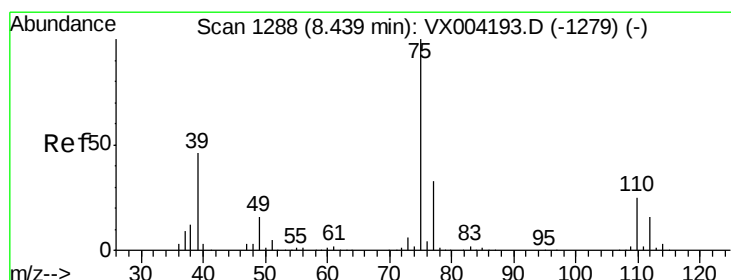
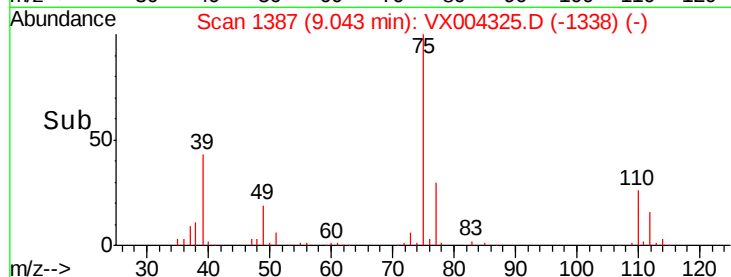
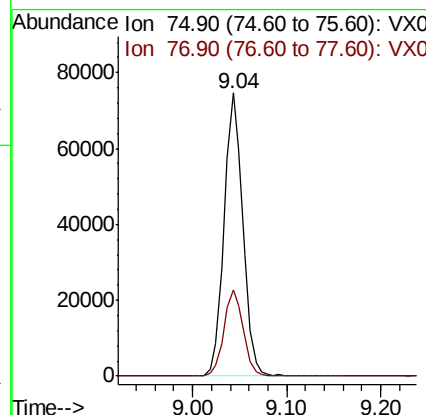
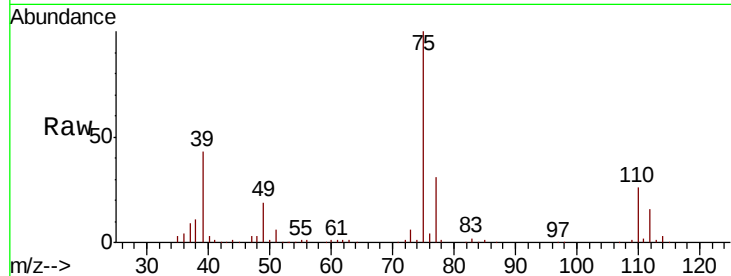




#53
 t-1,3-Dichloropropene
 Concen: 19.89 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: VX004325.D
 Acq: 30 Aug 2018 18:13

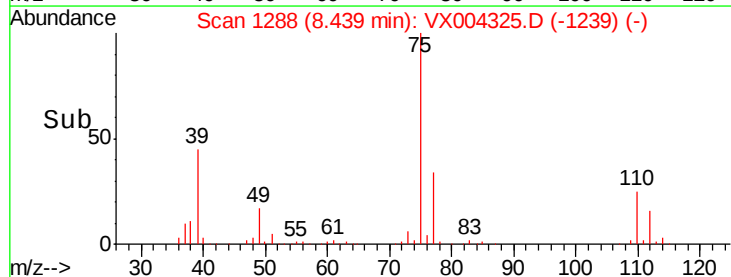
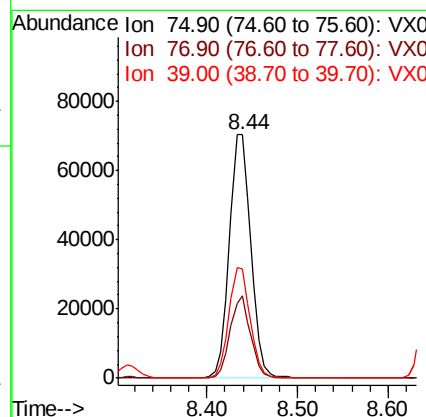
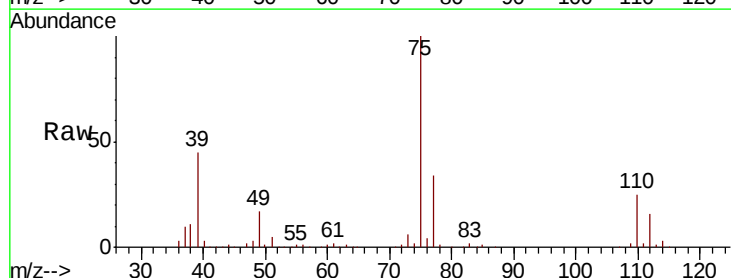
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830WBSD01

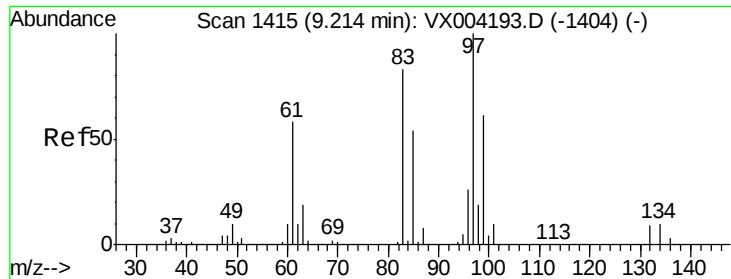
Tot Ion: 75 Resp: 103224
 Ion Ratio Lower Upper
 75 100
 77 30.5 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.55 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX004325.D
 Acq: 30 Aug 2018 18:13

Tgt Ion: 75 Resp: 116196
 Ion Ratio Lower Upper
 75 100
 77 33.7 26.2 39.2
 39 44.6 36.4 54.6

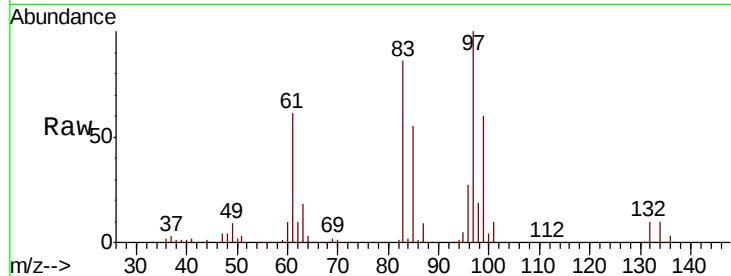




#55
 1,1,2-Trichloroethane
 Concen: 20.94 ug/l
 RT: 9.21 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VX004325.D
 Acq: 30 Aug 2018 18:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830WBSD01

Tot Ion:	97	Resp:	80195
Ion	Ratio	Lower	Upper
97	100		
83	85.7	66.4	99.6
85	55.3	43.3	64.9
99	60.3	49.0	73.4



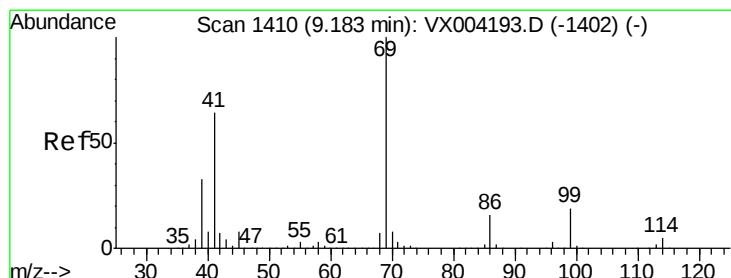
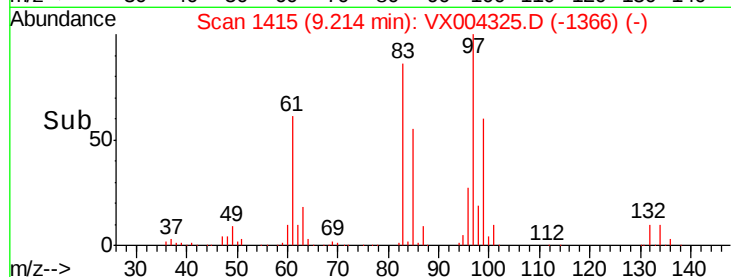
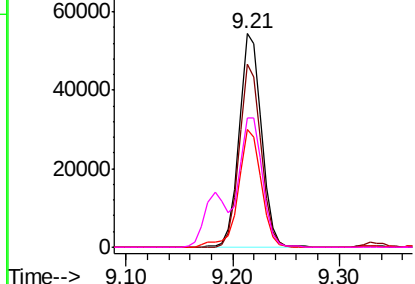
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

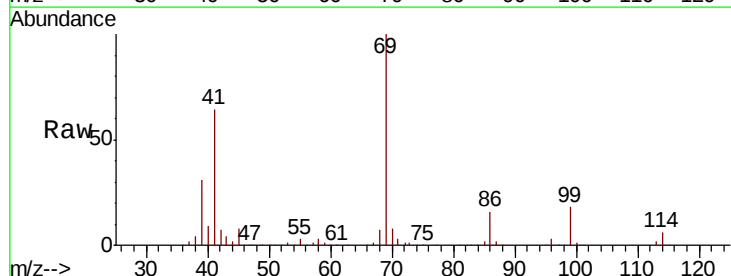
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 20.46 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004325.D
 Acq: 30 Aug 2018 18:13

Tgt Ion:	69	Resp:	106680
Ion	Ratio	Lower	Upper
69	100		
41	63.7	51.0	76.4
39	32.4	26.1	39.1

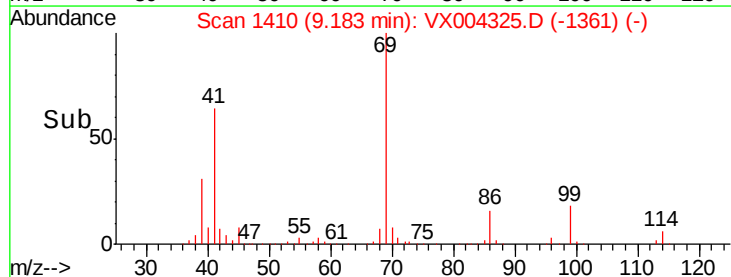
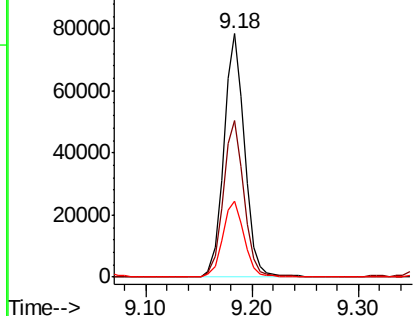


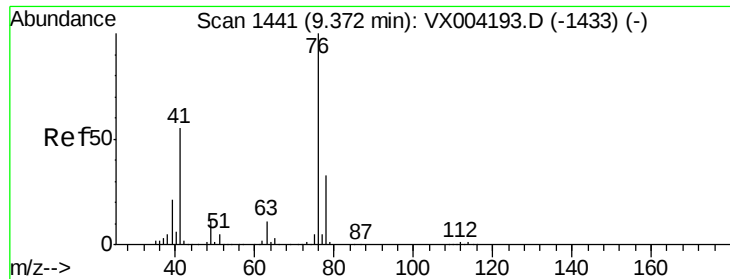
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 21.08 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VX004325.D

Acq: 30 Aug 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

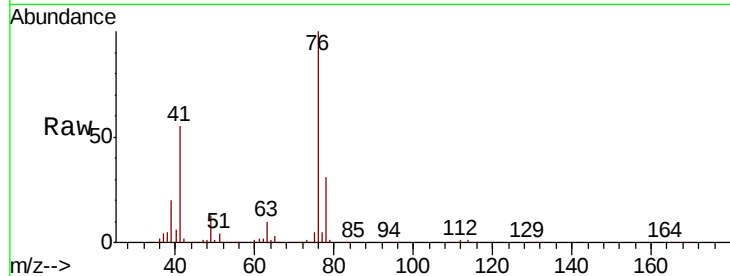
VX0830WBSD01

Tot Ion: 76 Resp: 136086

Ion Ratio Lower Upper

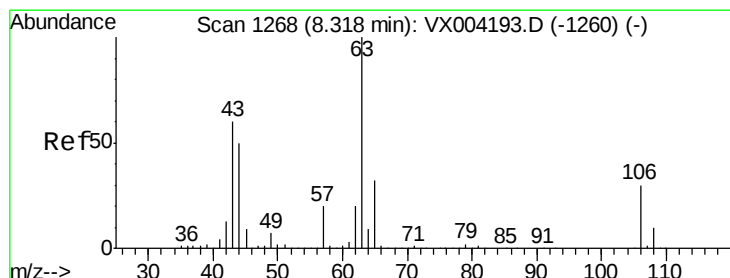
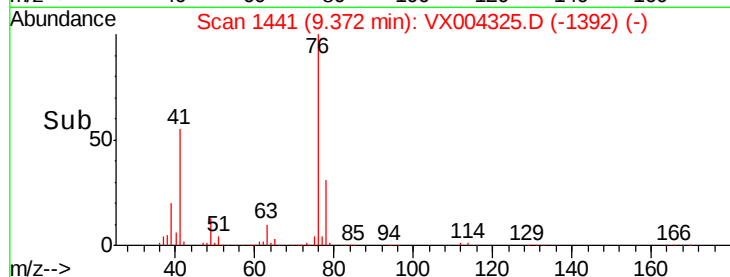
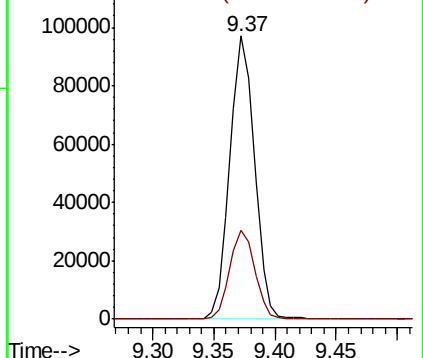
76 100

78 31.8 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 107.32 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX004325.D

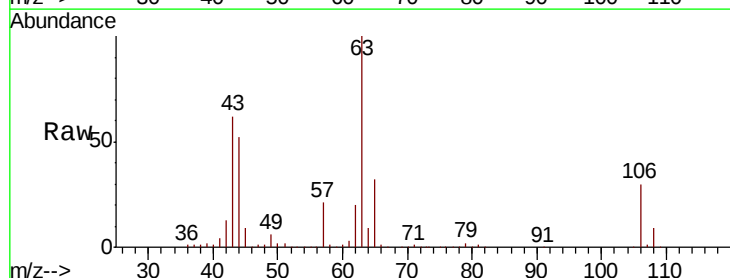
Acq: 30 Aug 2018 18:13

Tgt Ion: 63 Resp: 286683

Ion Ratio Lower Upper

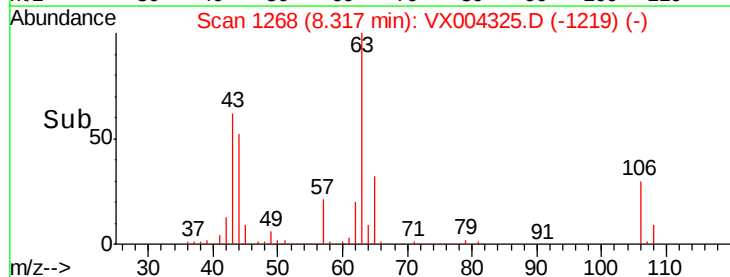
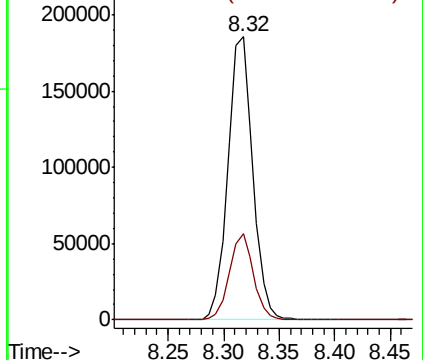
63 100

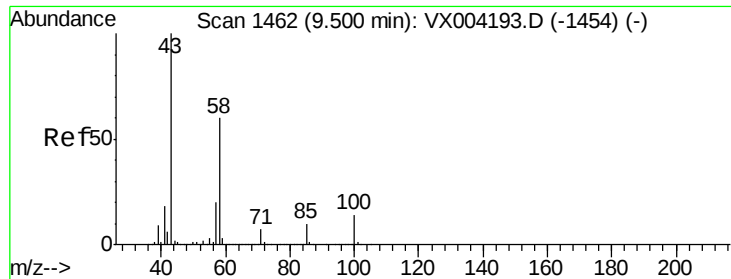
106 29.4 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

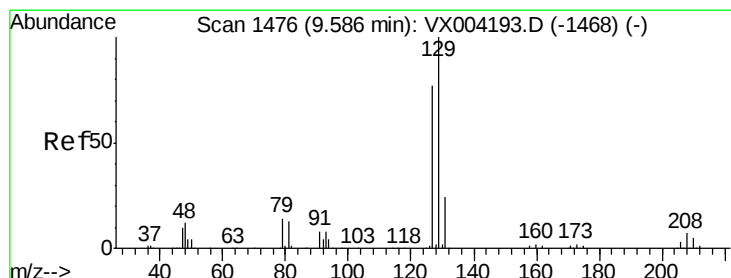
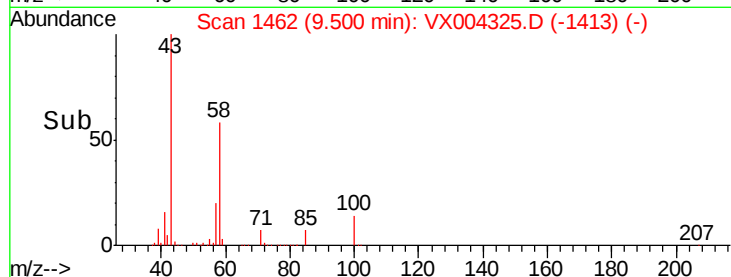
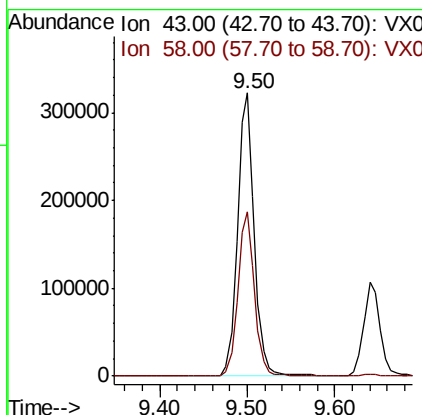
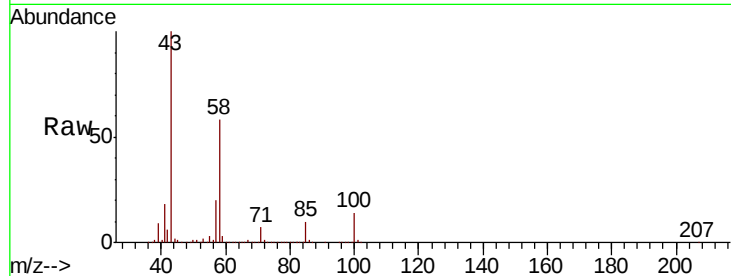




#59
2-Hexanone
Concen: 100.98 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX004325.D
Acq: 30 Aug 2018 18:13

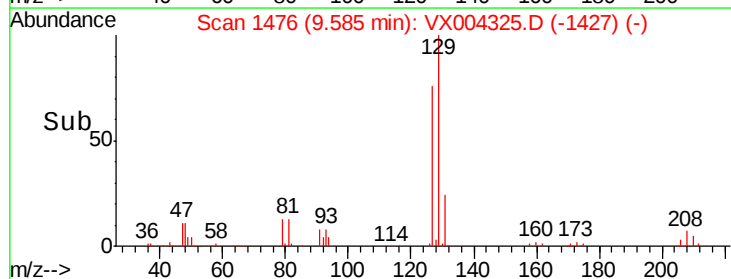
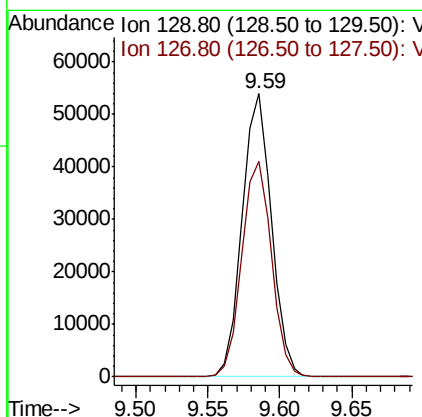
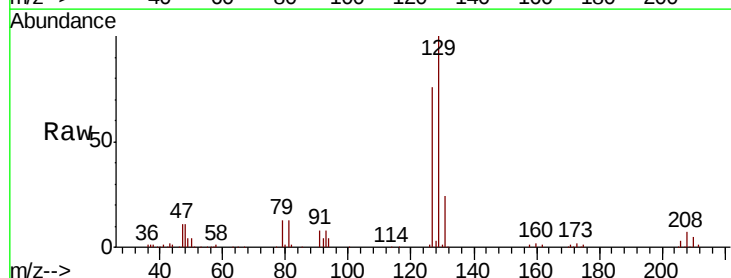
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBSD01

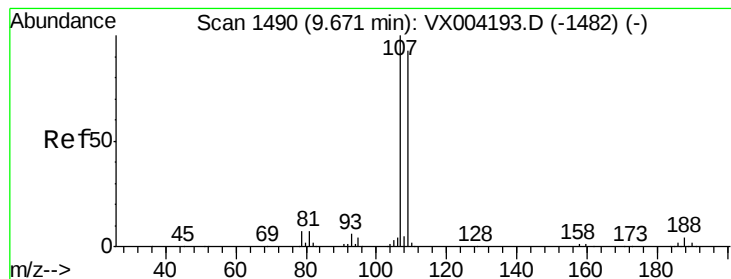
Tot Ion: 43 Resp: 429040
Ion Ratio Lower Upper
43 100
58 57.8 29.0 87.0



#60
Dibromochloromethane
Concen: 20.41 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004325.D
Acq: 30 Aug 2018 18:13

Tgt Ion: 129 Resp: 76168
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.50 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.00 min

Lab File: VX004325.D

Acq: 30 Aug 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

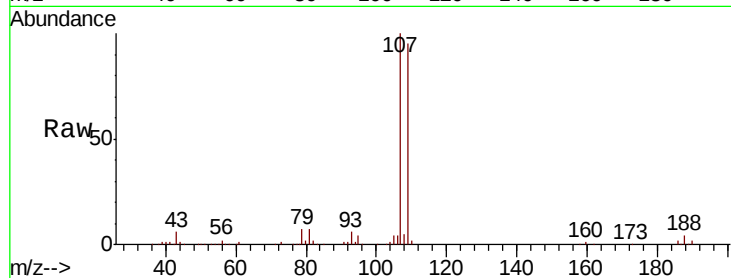
VX0830WBSD01

Tot Ion:107 Resp: 81244

Ion Ratio Lower Upper

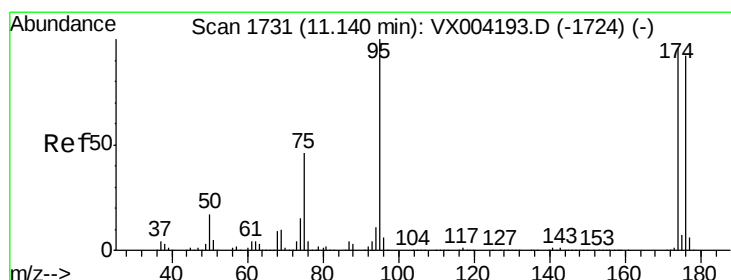
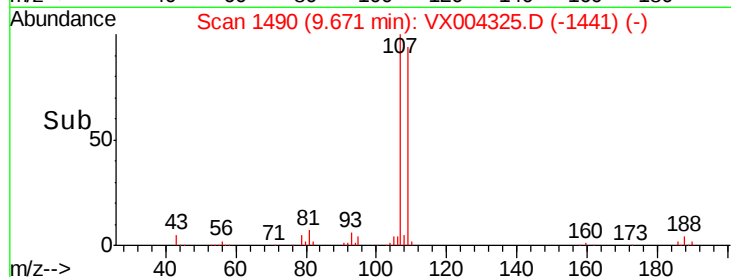
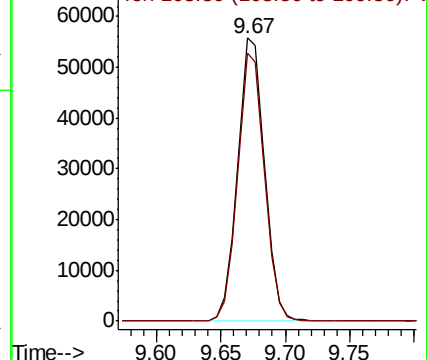
107 100

109 94.4 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: 50.39 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004325.D

Acq: 30 Aug 2018 18:13

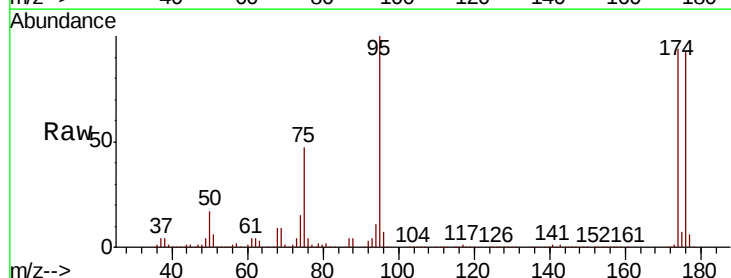
Tgt Ion: 95 Resp: 238210

Ion Ratio Lower Upper

95 100

174 91.2 0.0 185.2

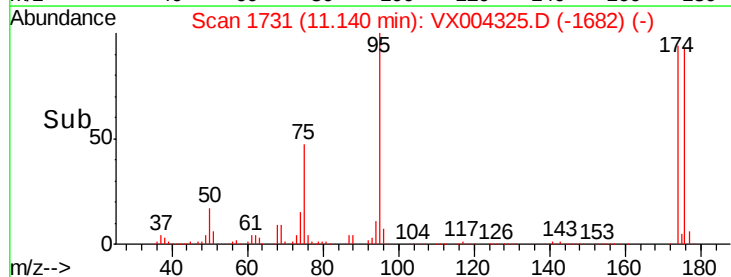
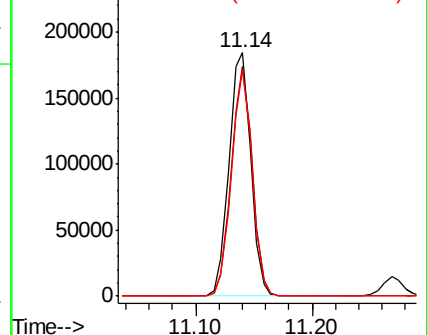
176 89.1 0.0 178.6

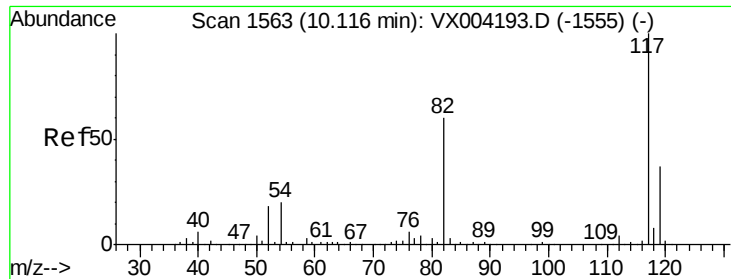


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

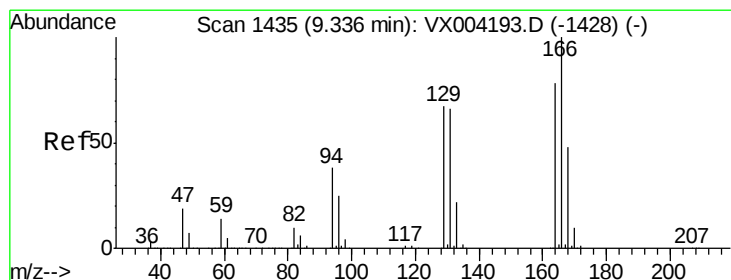
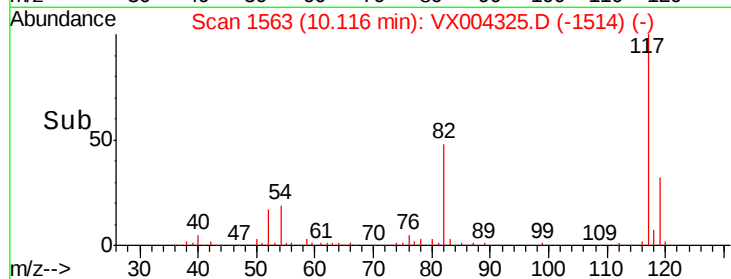
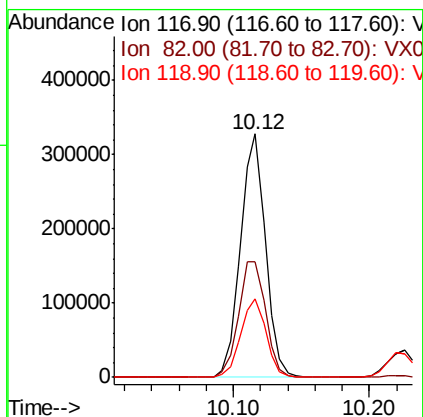
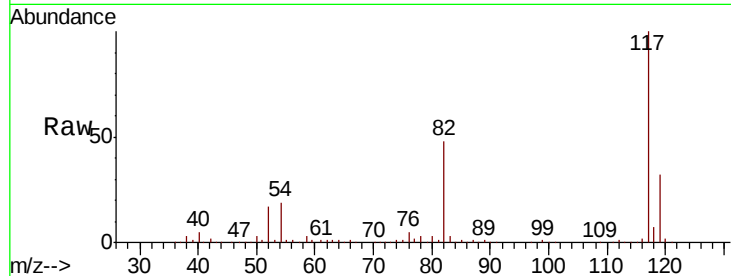




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004325.D
Acq: 30 Aug 2018 18:13

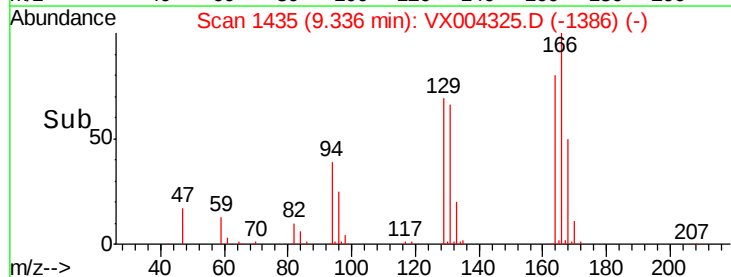
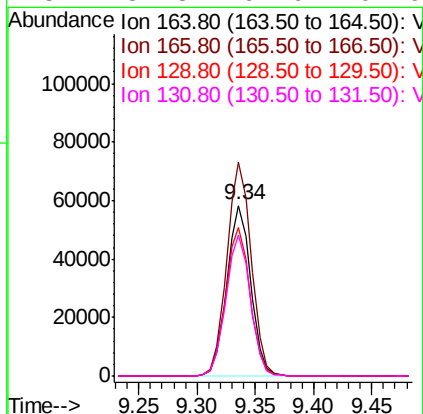
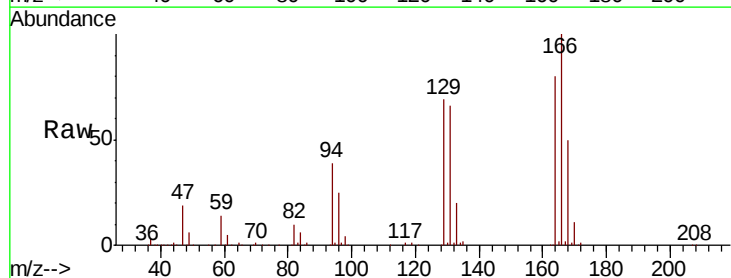
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBSD01

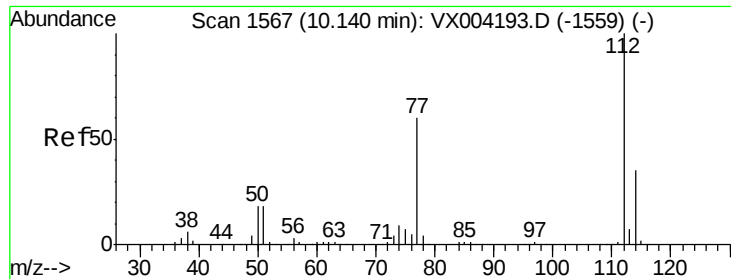
Tot Ion:117 Resp: 418806
Ion Ratio Lower Upper
117 100
82 47.6 47.8 71.6#
119 32.3 29.3 43.9



#64
Tetrachloroethene
Concen: 20.13 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004325.D
Acq: 30 Aug 2018 18:13

Tgt Ion:164 Resp: 83282
Ion Ratio Lower Upper
164 100
166 125.4 102.8 154.2
129 86.9 69.4 104.0
131 82.8 67.9 101.9

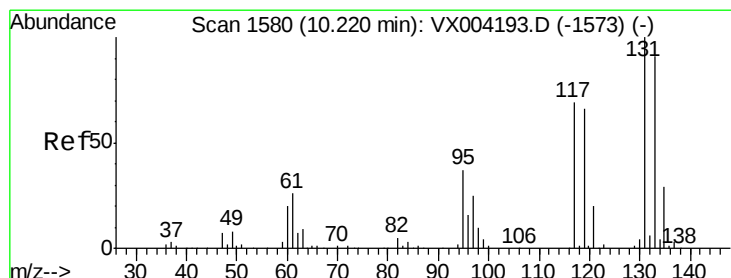
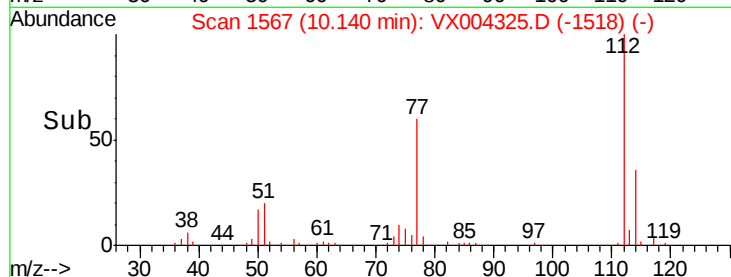
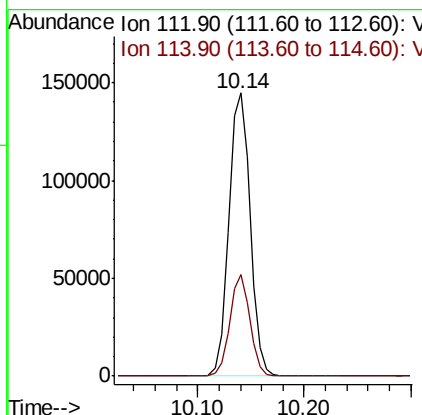
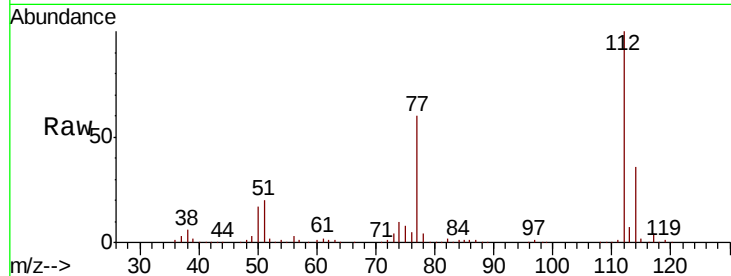




#65
Chlorobenzene
Concen: 19.40 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004325.D
Acq: 30 Aug 2018 18:13

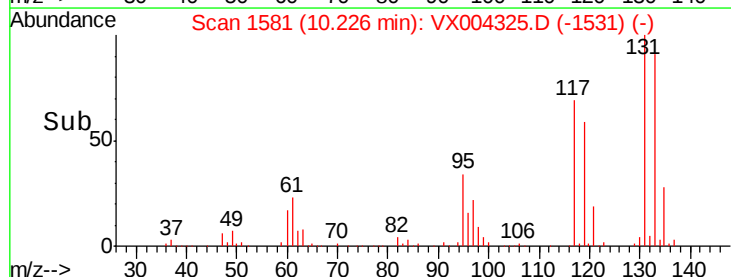
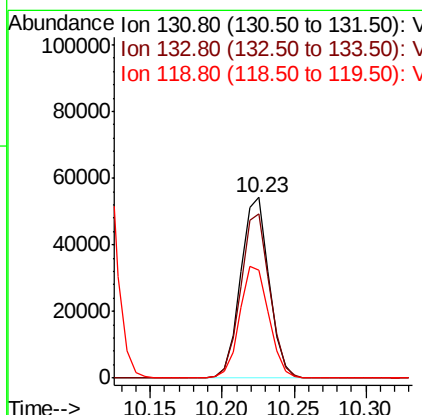
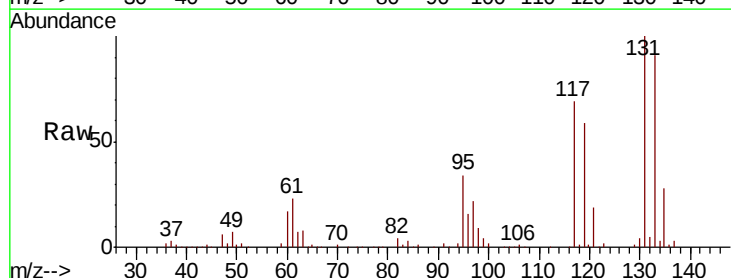
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBSD01

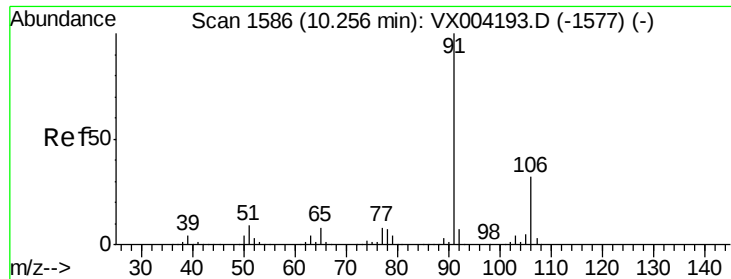
Tot Ion:112 Resp: 203885
Ion Ratio Lower Upper
112 100
114 35.7 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.45 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.01 min
Lab File: VX004325.D
Acq: 30 Aug 2018 18:13

Tgt Ion:131 Resp: 74125
Ion Ratio Lower Upper
131 100
133 92.4 48.1 144.4
119 63.4 32.9 98.6

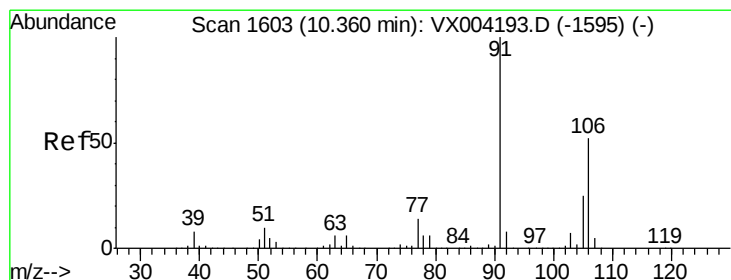
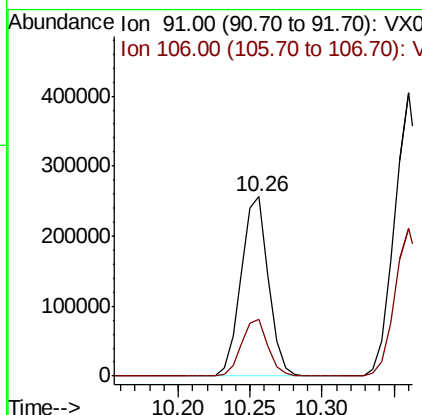
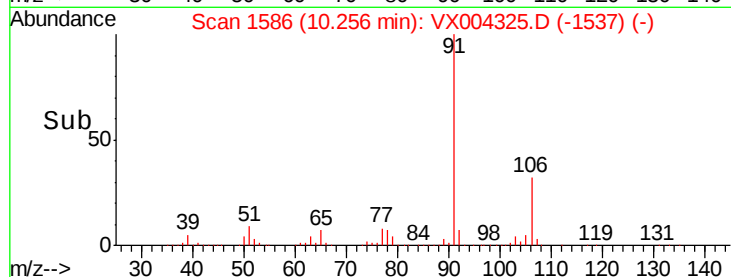
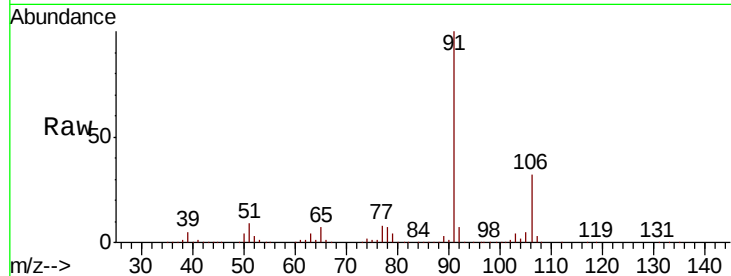




#67
Ethyl Benzene
Concen: 19.70 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX004325.D
Acq: 30 Aug 2018 18:13

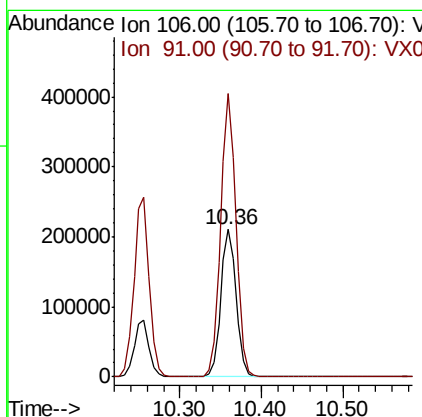
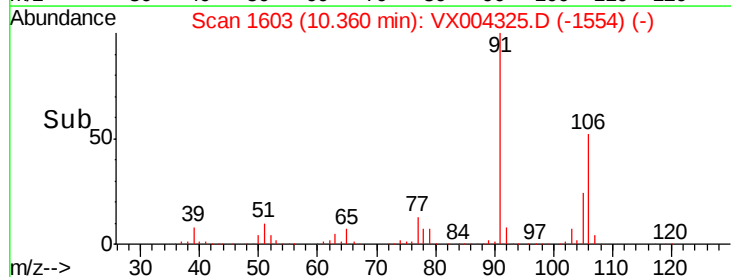
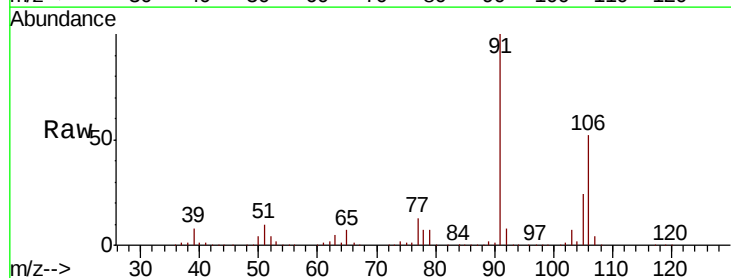
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBSD01

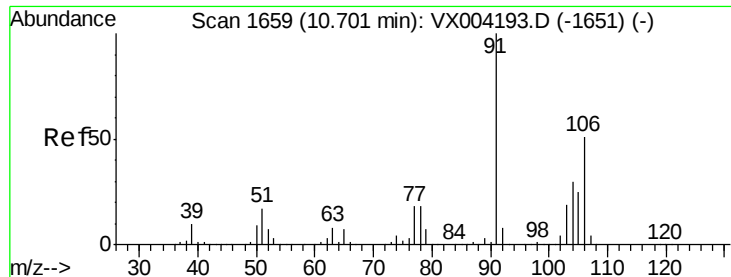
Tot Ion: 91 Resp: 336299
Ion Ratio Lower Upper
91 100
106 31.7 25.9 38.9



#68
m/p-Xylenes
Concen: 41.34 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004325.D
Acq: 30 Aug 2018 18:13

Tgt Ion:106 Resp: 275922
Ion Ratio Lower Upper
106 100
91 192.5 157.1 235.7

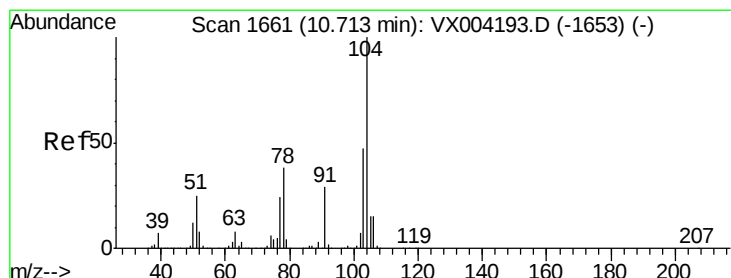
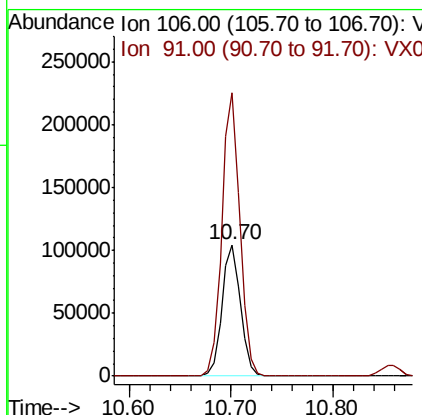
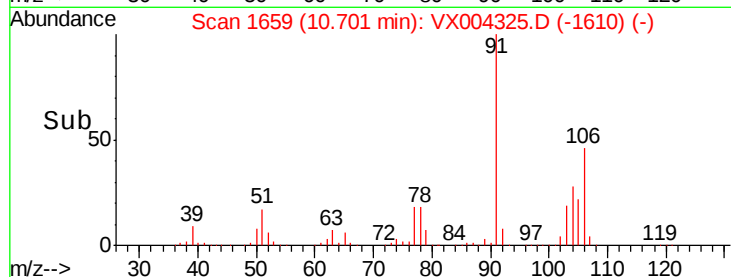
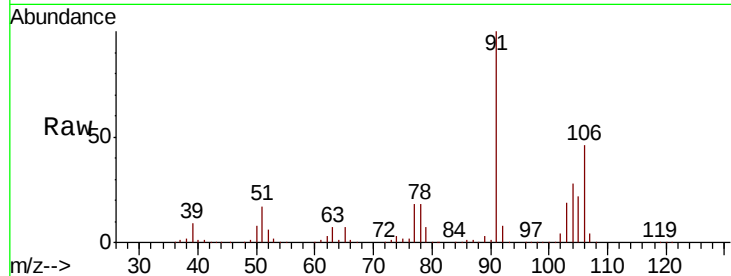




#69
o-Xylene
Concen: 20.89 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004325.D
Acq: 30 Aug 2018 18:13

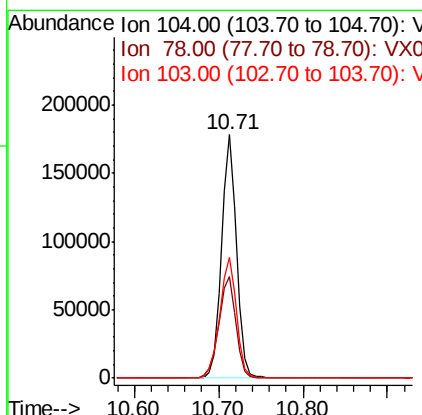
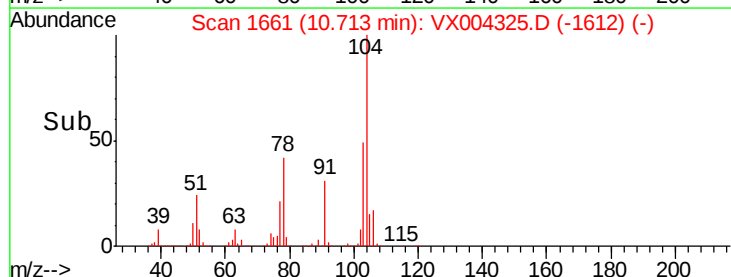
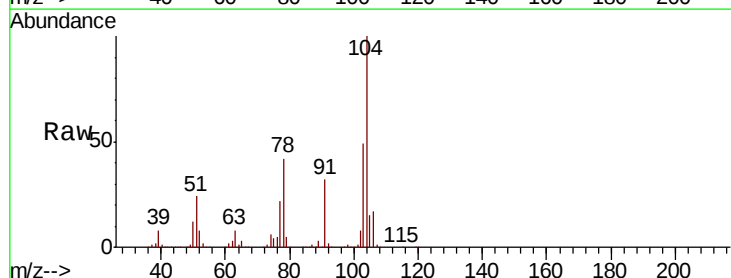
Instrument :
MSVOA_X
ClientSampled :
VX0830WBSD01

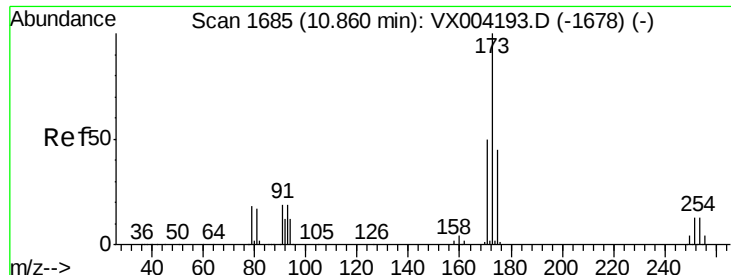
Tot Ion:106 Resp: 131899
Ion Ratio Lower Upper
106 100
91 211.1 105.1 315.1



#70
Styrene
Concen: 21.54 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004325.D
Acq: 30 Aug 2018 18:13

Tgt Ion:104 Resp: 220169
Ion Ratio Lower Upper
104 100
78 47.6 37.4 56.0
103 55.2 43.8 65.6





#71

Bromoform

Concen: 19.88 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX004325.D

Acq: 30 Aug 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

VX0830WBSD01

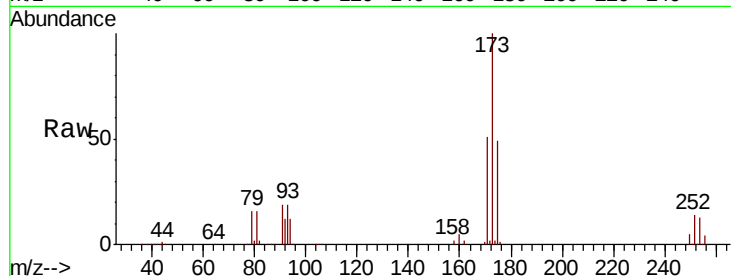
Tot Ion:173 Resp: 58084

Ion Ratio Lower Upper

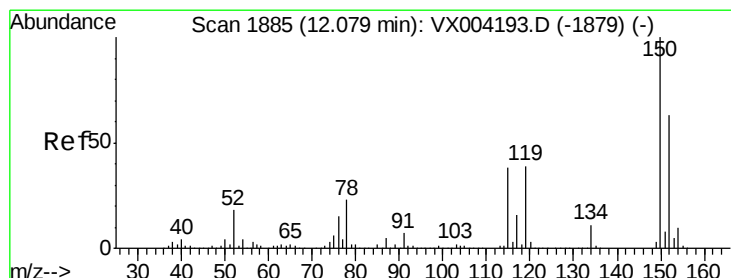
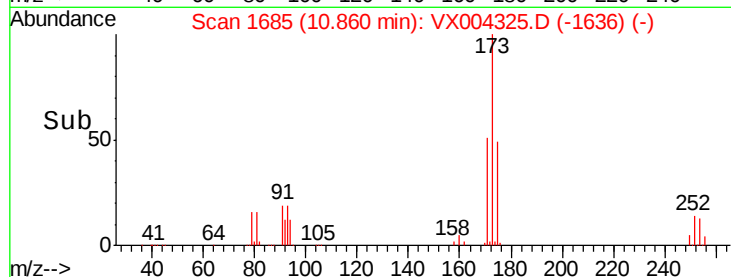
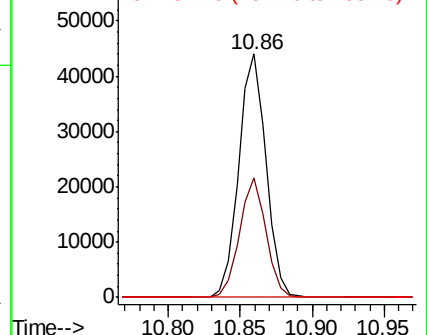
173 100

175 47.6 24.1 72.3

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004325.D

Acq: 30 Aug 2018 18:13

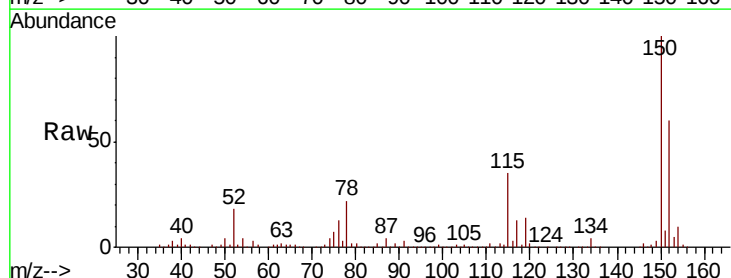
Tgt Ion:152 Resp: 241680

Ion Ratio Lower Upper

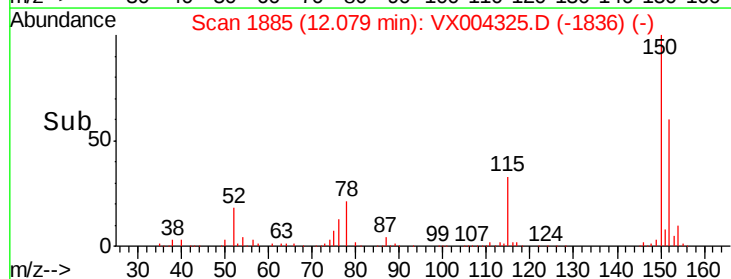
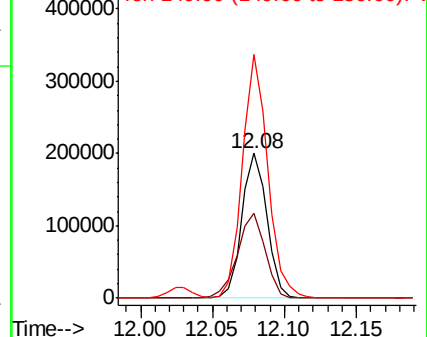
152 100

115 65.6 39.0 117.0

150 171.1 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

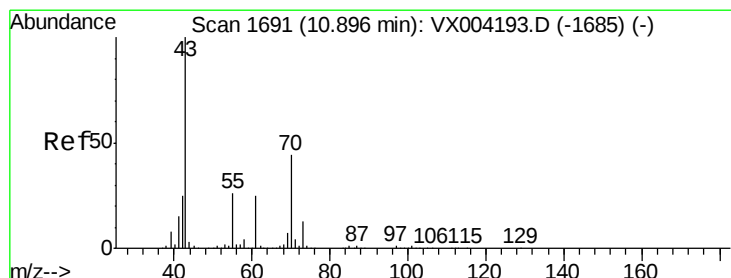
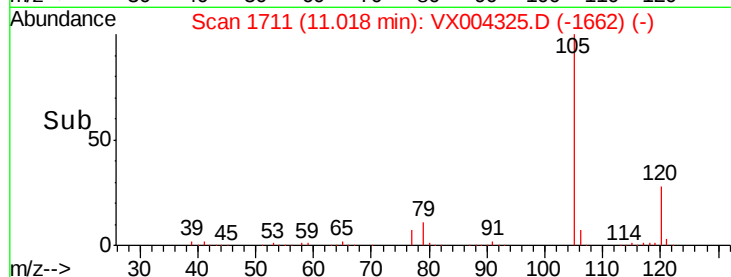
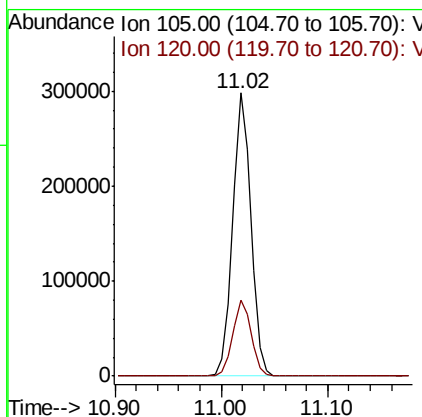
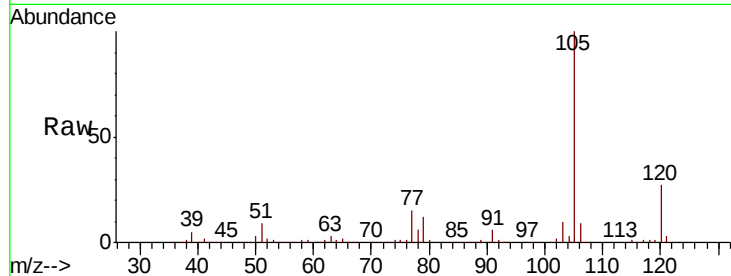




#73
Isopropylbenzene
Concen: 22.68 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. -0.00 min
Lab File: VX004325.D
Acq: 30 Aug 2018 18:13

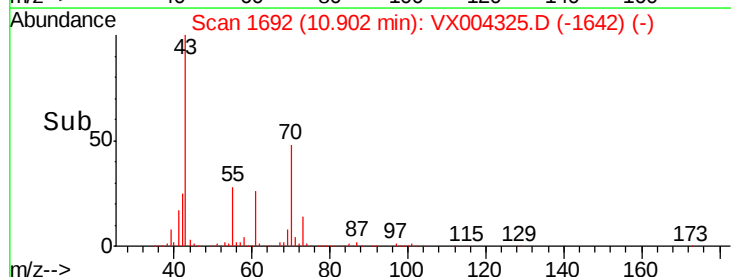
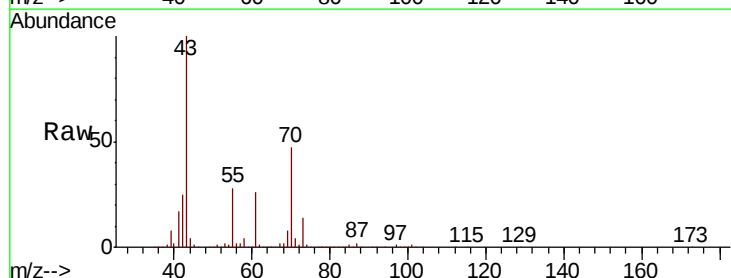
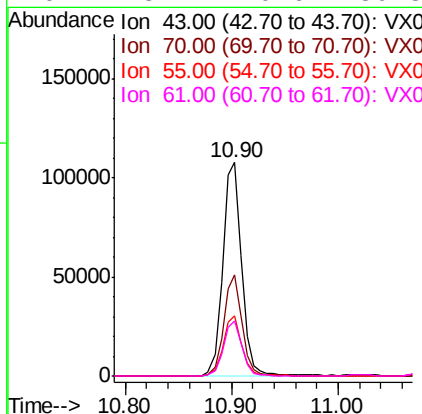
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBSD01

Tot Ion:105 Resp: 360038
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4



#74
N-ethyl acetate
Concen: 21.78 ug/l
RT: 10.90 min Scan# 1692
Delta R.T. 0.01 min
Lab File: VX004325.D
Acq: 30 Aug 2018 18:13

Tgt Ion: 43 Resp: 133100
Ion Ratio Lower Upper
43 100
70 46.0 37.4 56.0
55 28.1 21.8 32.8
61 25.4 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 22.29 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004325.D

Acq: 30 Aug 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

VX0830WBSD01

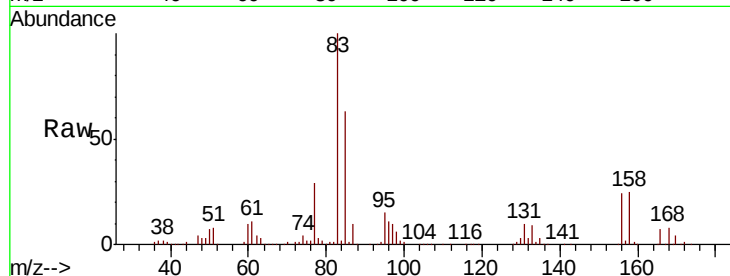
Tot Ion: 83 Resp: 123795

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

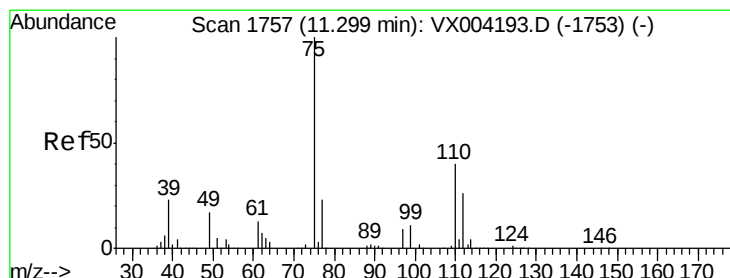
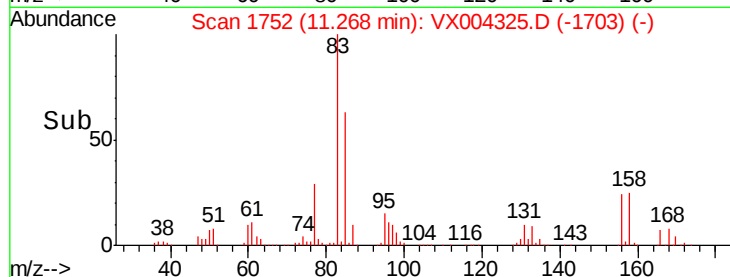
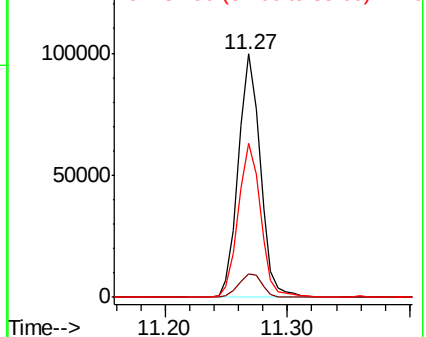
85 64.4 32.3 96.8



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: 27.45 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX004325.D

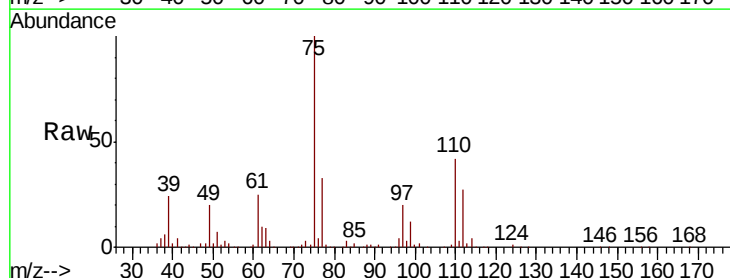
Acq: 30 Aug 2018 18:13

Tgt Ion: 75 Resp: 134903

Ion Ratio Lower Upper

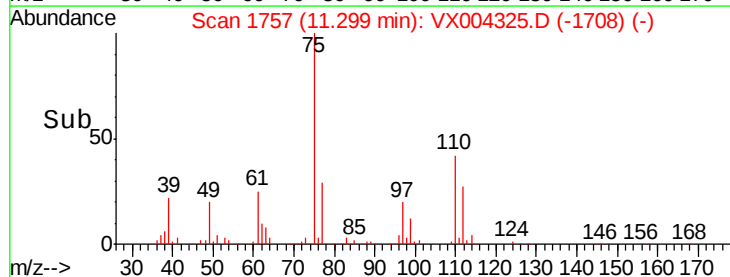
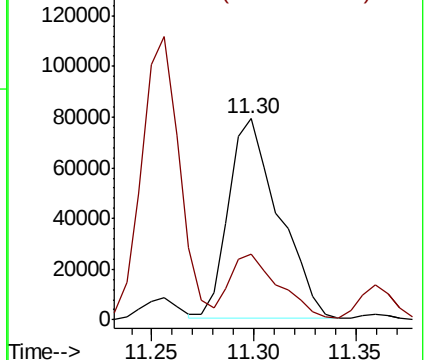
75 100

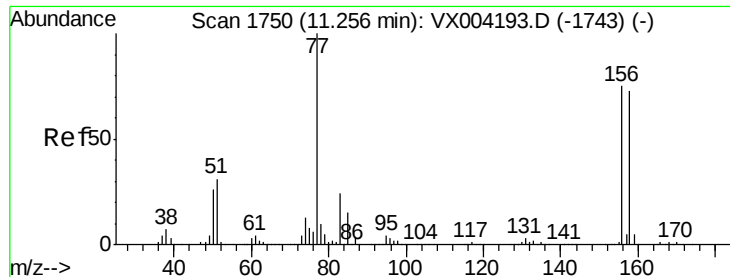
77 32.3 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.61 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004325.D

Acq: 30 Aug 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

VX0830WBSD01

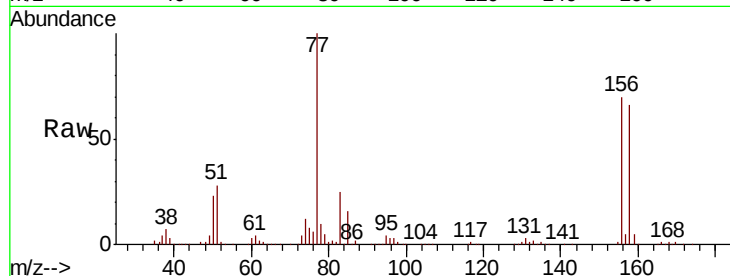
Tot Ion:156 Resp: 96233

Ion Ratio Lower Upper

156 100

77 149.7 71.5 214.3

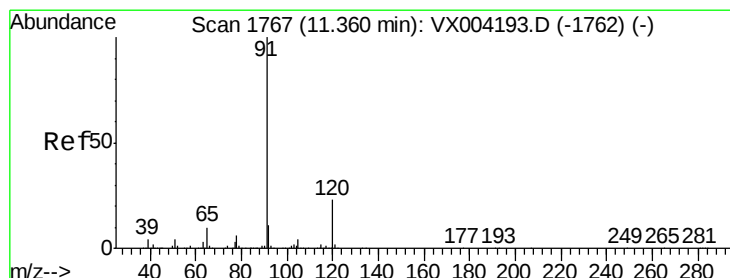
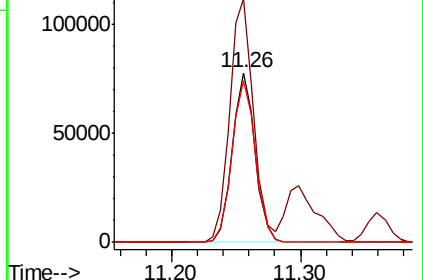
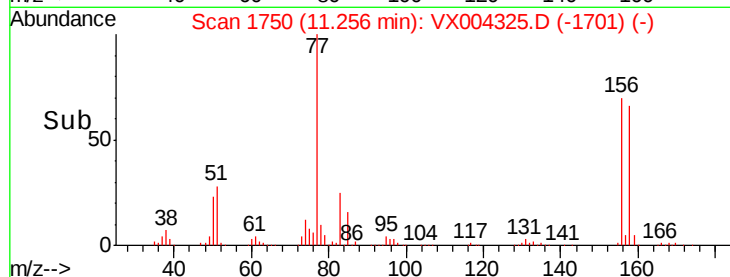
158 98.4 48.9 146.8



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: 22.56 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004325.D

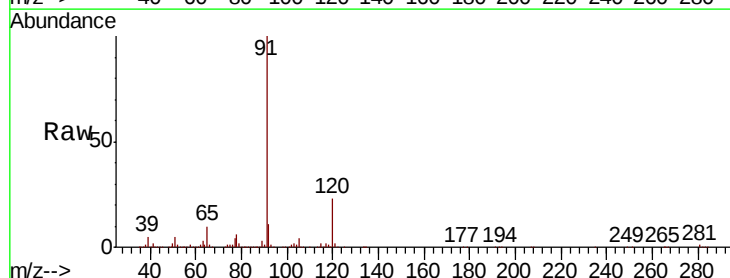
Acq: 30 Aug 2018 18:13

Tgt Ion: 91 Resp: 411914

Ion Ratio Lower Upper

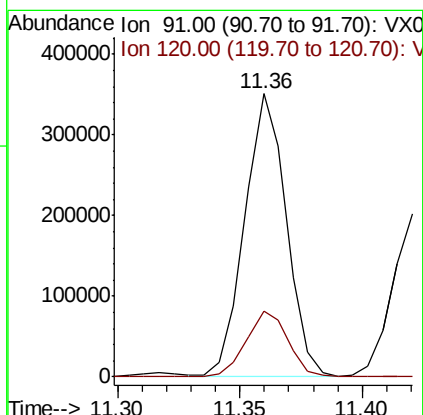
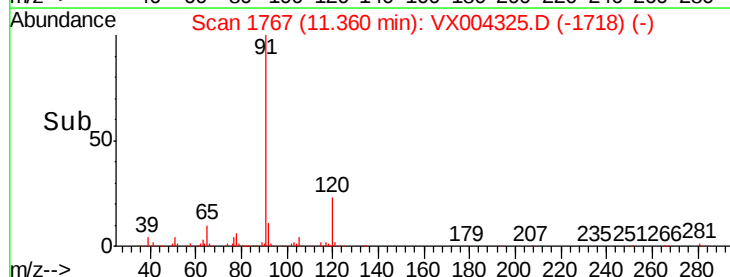
91 100

120 23.7 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

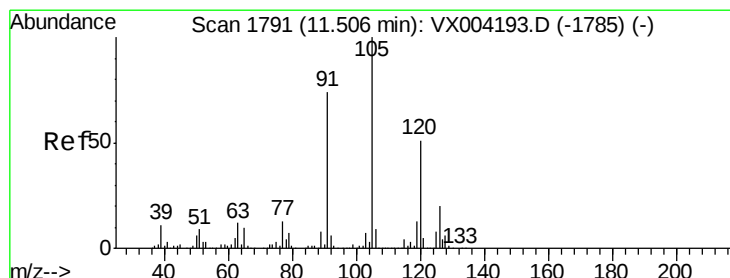
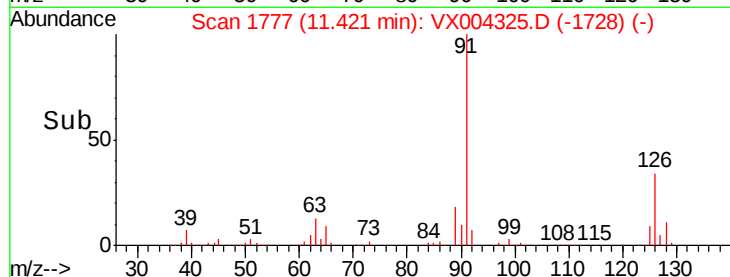
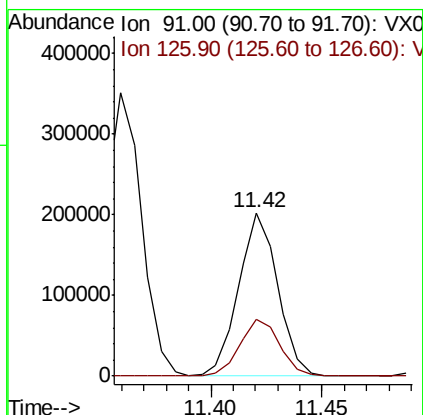
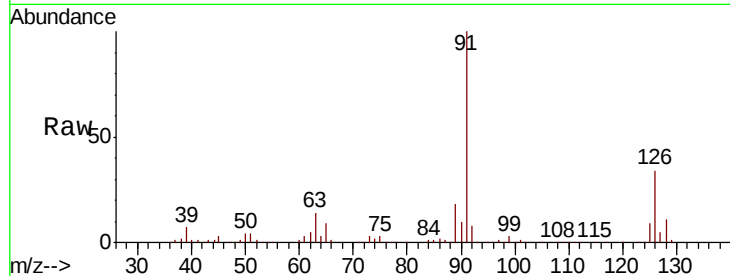




#79
 2-Chlorotoluene
 Concen: 22.02 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: VX004325.D
 Acq: 30 Aug 2018 18:13

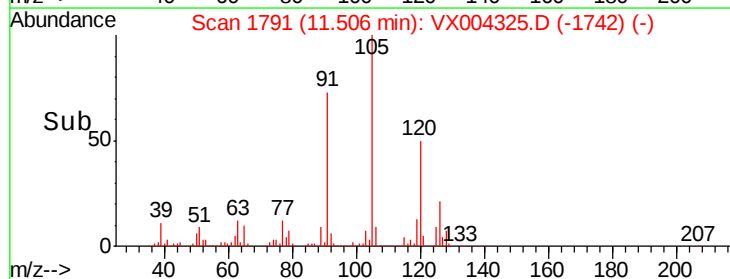
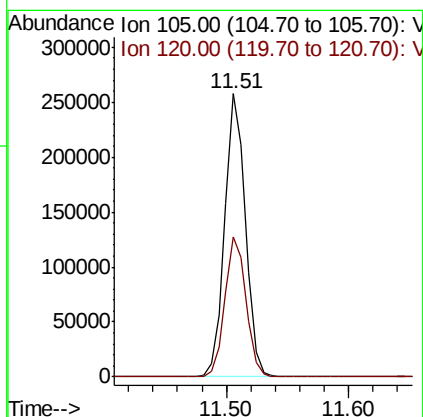
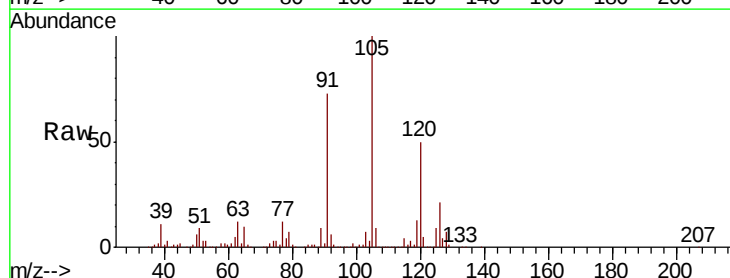
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830WBSD01

Tot Ion: 91 Resp: 247466
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 22.81 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004325.D
 Acq: 30 Aug 2018 18:13

Tgt Ion: 105 Resp: 299881
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.89 ug/l

RT: 11.07 min Scan# 1720

Delta R.T. -0.00 min

Lab File: VX004325.D

Acq: 30 Aug 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

VX0830WBSD01

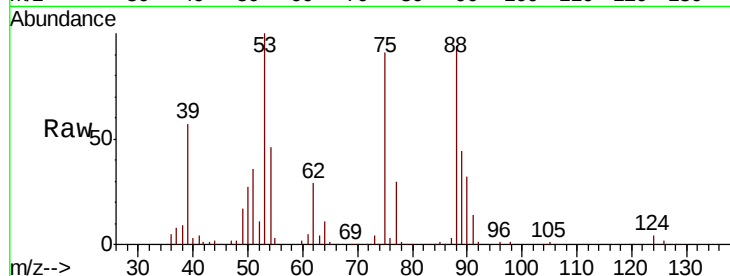
Tot Ion: 75 Resp: 31654

Ion Ratio Lower Upper

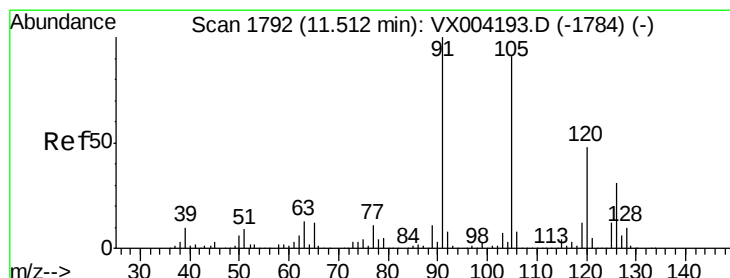
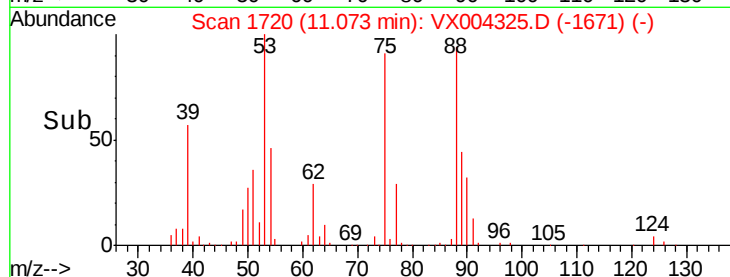
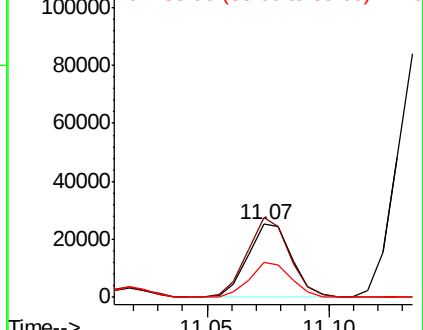
75 100

53 105.6 80.1 120.1

89 46.2 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 21.70 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004325.D

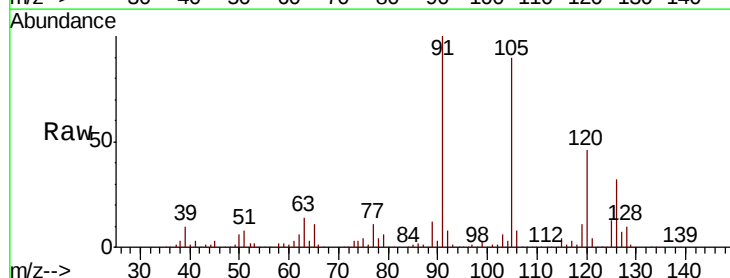
Acq: 30 Aug 2018 18:13

Tgt Ion: 91 Resp: 286875

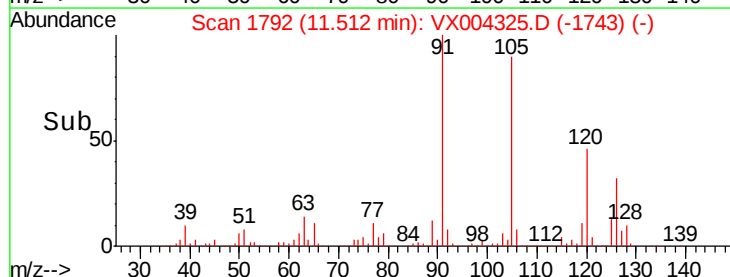
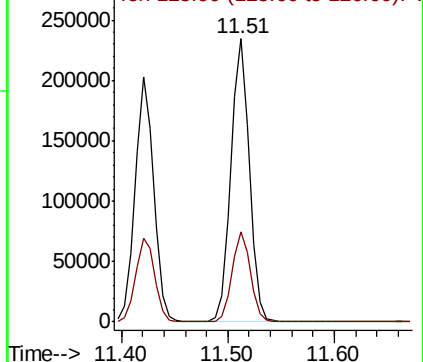
Ion Ratio Lower Upper

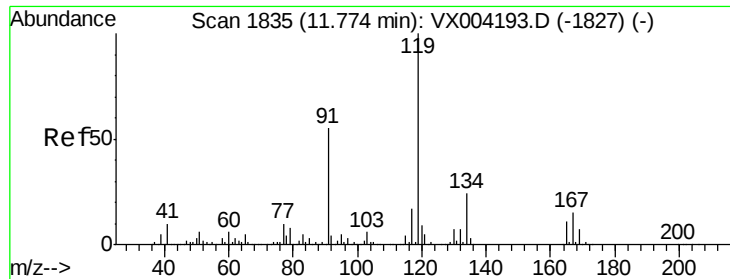
91 100

126 31.4 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

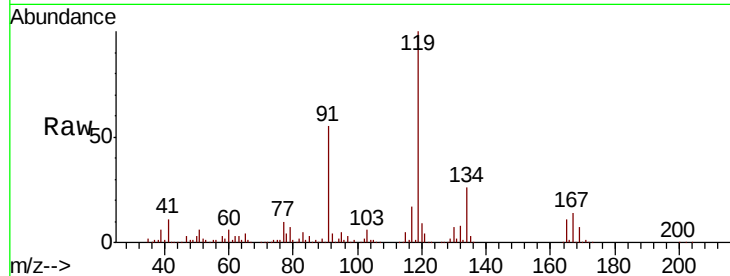




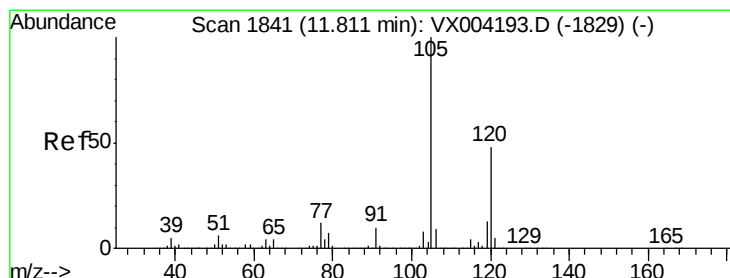
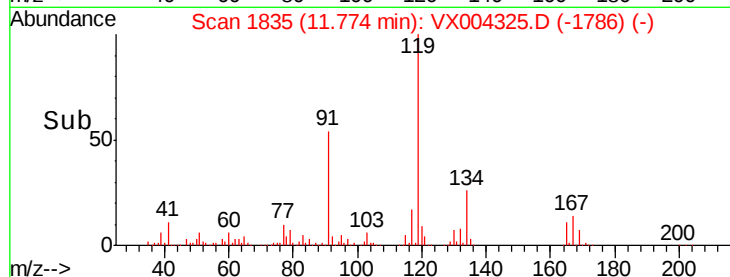
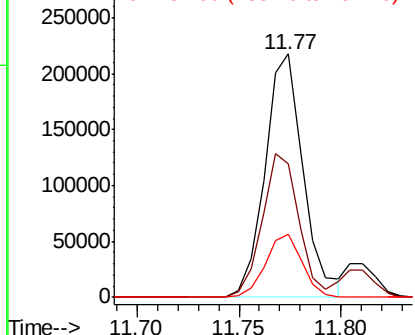
#83
tert-Butylbenzene
Concen: 21.47 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX004325.D
Acq: 30 Aug 2018 18:13

Instrument :
MSVOA_X
ClientSampleId :
VX0830WBSD01

Tot Ion:119 Resp: 283990
Ion Ratio Lower Upper
119 100
91 56.7 27.0 81.0
134 25.0 11.7 35.1

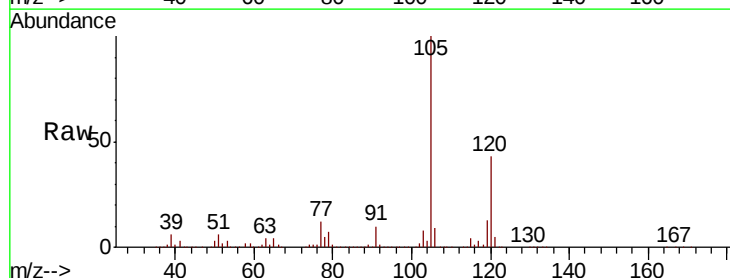


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

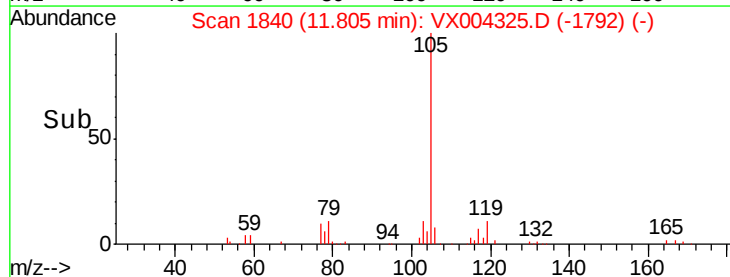
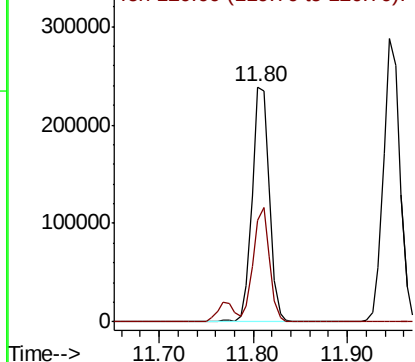


#84
1,2,4-Trimethylbenzene
Concen: 22.81 ug/l
RT: 11.80 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VX004325.D
Acq: 30 Aug 2018 18:13

Tgt Ion:105 Resp: 307789
Ion Ratio Lower Upper
105 100
120 46.0 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 22.35 ug/l

RT: 11.94 min Scan# 1863

Delta R.T. -0.00 min

Lab File: VX004325.D

Acq: 30 Aug 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

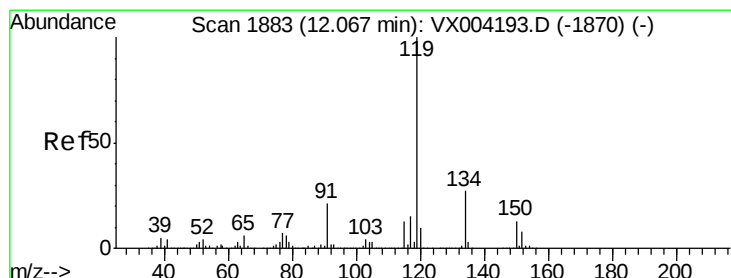
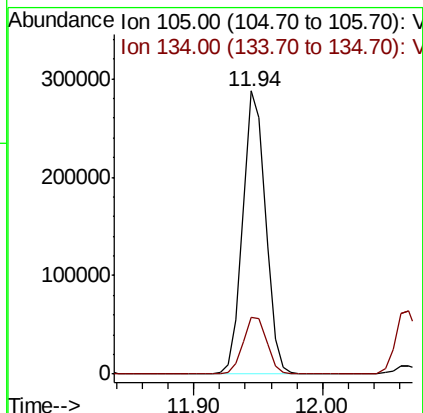
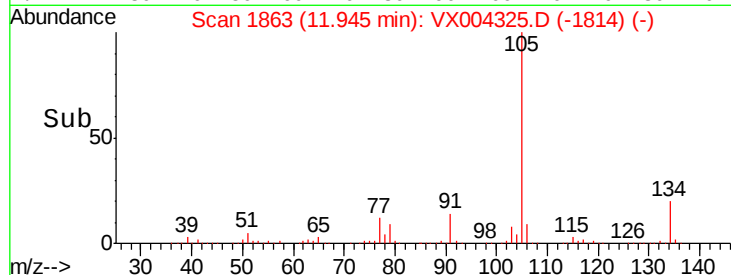
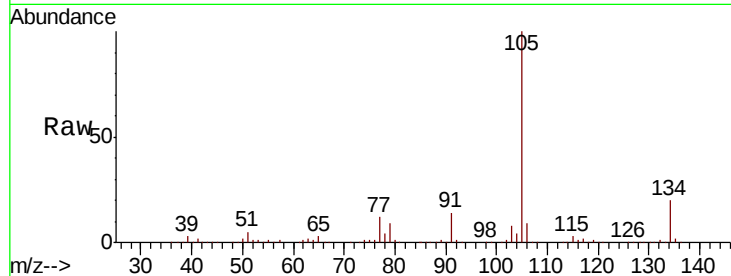
VX0830WBSD01

Tot Ion:105 Resp: 350911

Ion Ratio Lower Upper

105 100

134 21.0 10.5 31.5



#86

p-Isopropyltoluene

Concen: 22.18 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX004325.D

Acq: 30 Aug 2018 18:13

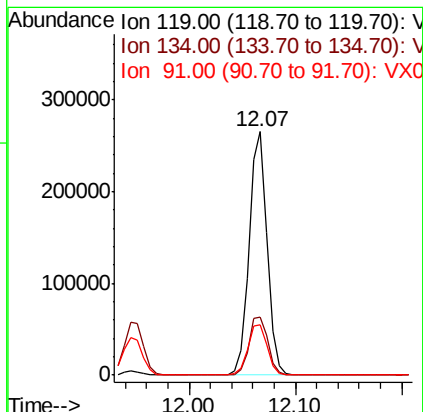
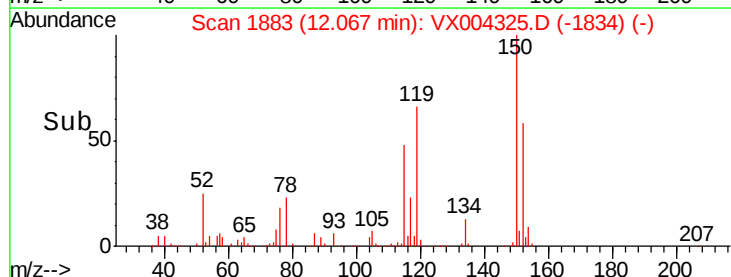
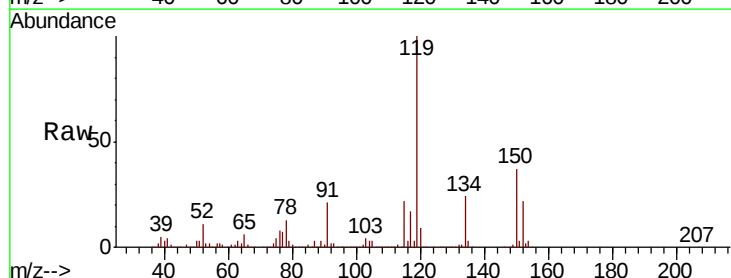
Tgt Ion:119 Resp: 312145

Ion Ratio Lower Upper

119 100

134 25.5 13.4 40.2

91 22.2 10.9 32.7

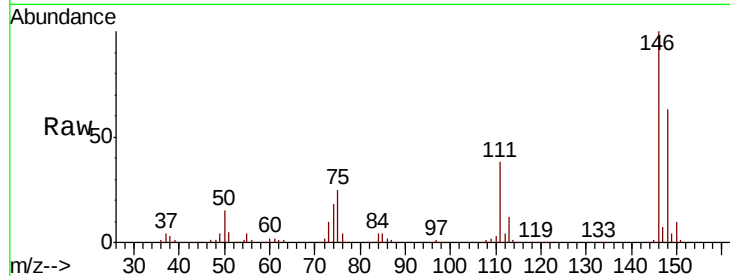




#87
 1,3-Dichlorobenzene
 Concen: 21.10 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: VX004325.D
 Acq: 30 Aug 2018 18:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.7	56.1
148	64.6	32.1	96.5

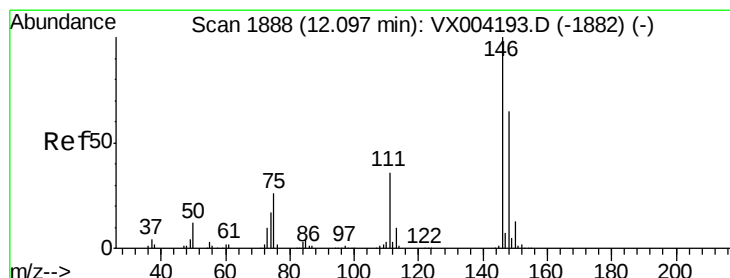
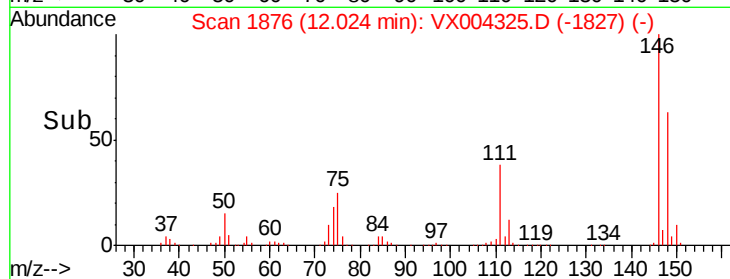
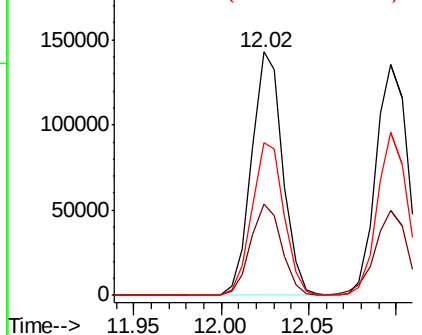


Abundance

Ion 145.90 (145.60 to 146.60): V

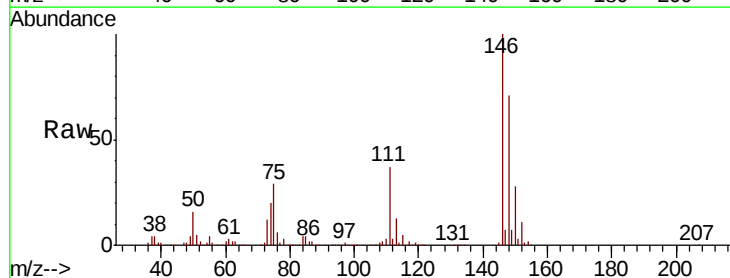
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88
 1,4-Dichlorobenzene
 Concen: 19.54 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004325.D
 Acq: 30 Aug 2018 18:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.1	54.1
148	66.7	32.0	96.0

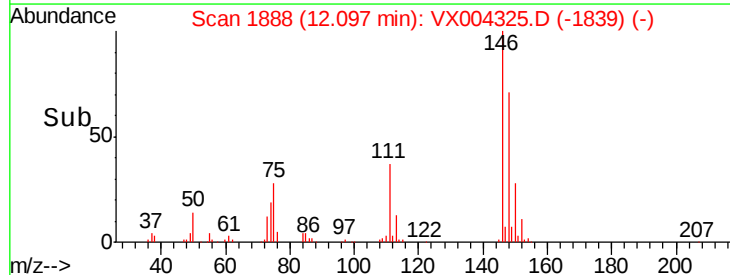
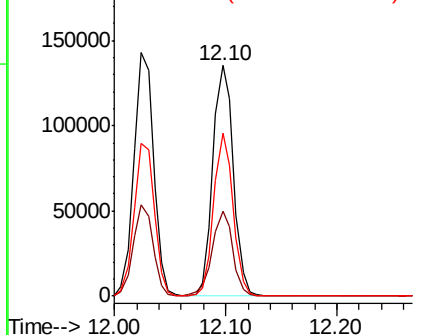


Abundance

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

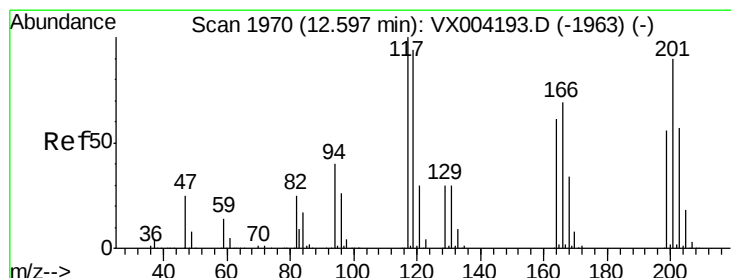
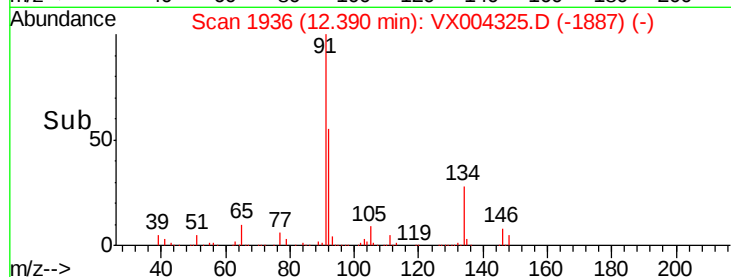
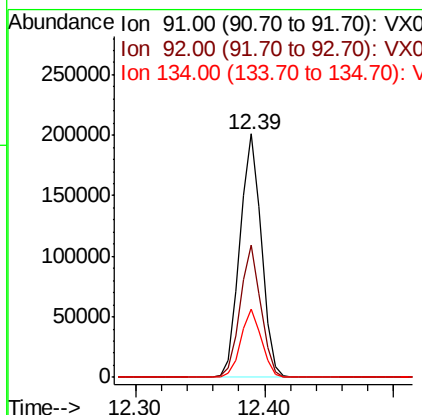
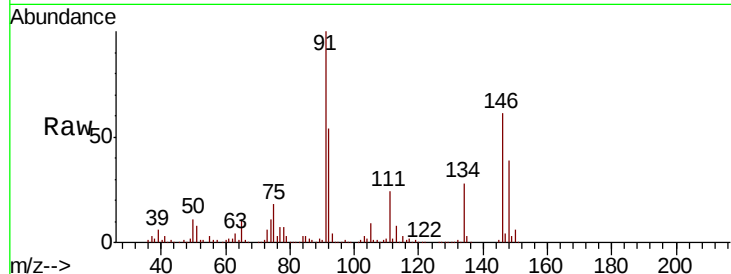




#89
n-Butylbenzene
Concen: 20.38 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004325.D
Acq: 30 Aug 2018 18:13

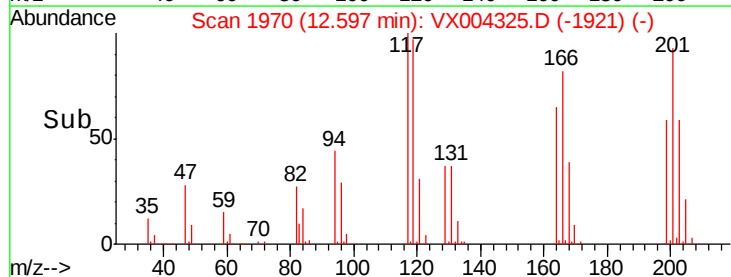
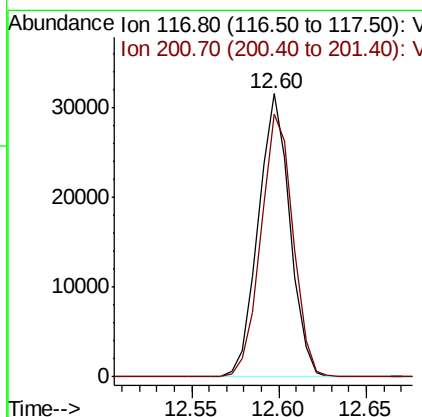
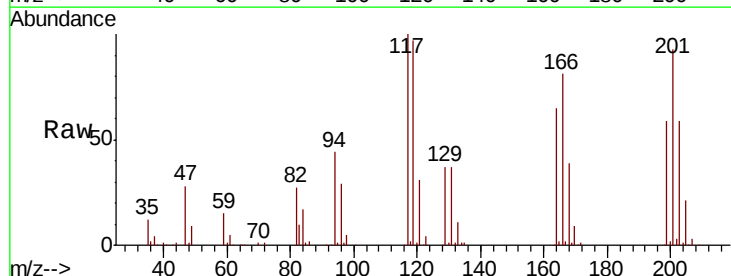
Instrument :
MSVOA_X
ClientSampleID :
VX0830WBSD01

Tot Ion: 91 Resp: 233165
Ion Ratio Lower Upper
91 100
92 52.2 27.3 81.9
134 26.8 13.6 40.7



#90
Hexachloroethane
Concen: 20.37 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004325.D
Acq: 30 Aug 2018 18:13

Tgt Ion: 117 Resp: 40061
Ion Ratio Lower Upper
117 100
201 94.4 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 20.65 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX004325.D

Acq: 30 Aug 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

VX0830WBSD01

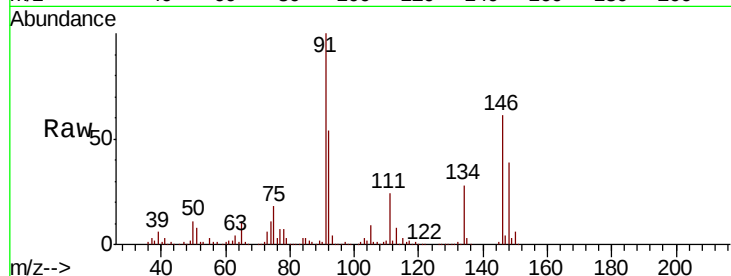
Tot Ion:146 Resp: 158205

Ion Ratio Lower Upper

146 100

111 38.4 19.4 58.1

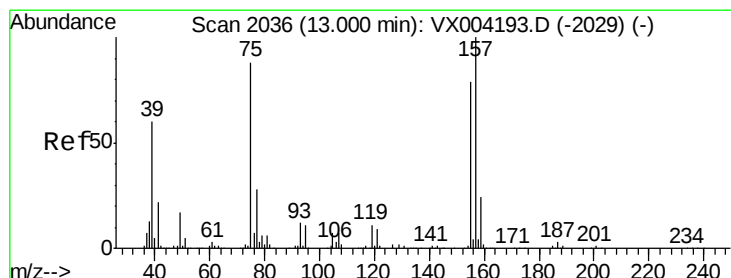
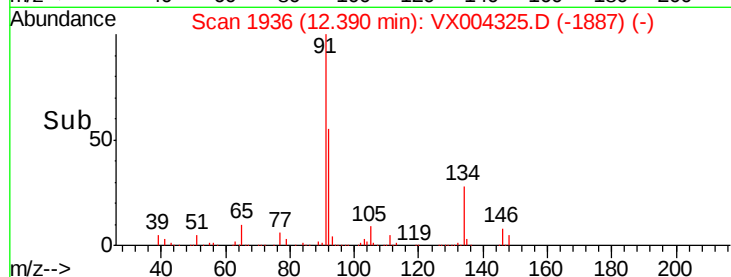
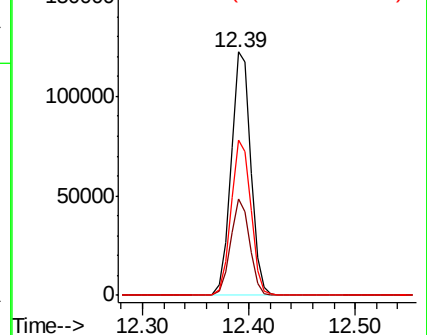
148 64.2 32.8 98.3



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: 20.98 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VX004325.D

Acq: 30 Aug 2018 18:13

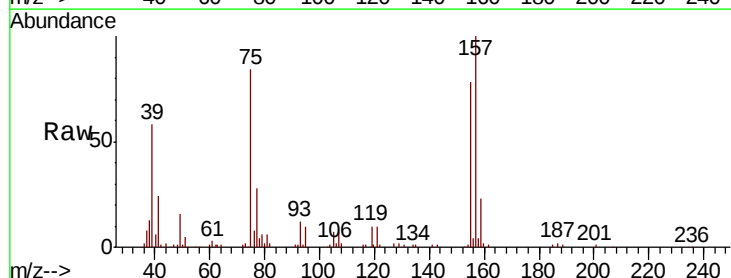
Tgt Ion: 75 Resp: 20522

Ion Ratio Lower Upper

75 100

155 96.9 48.0 144.2

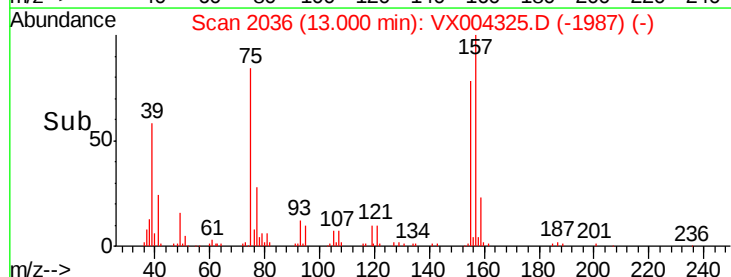
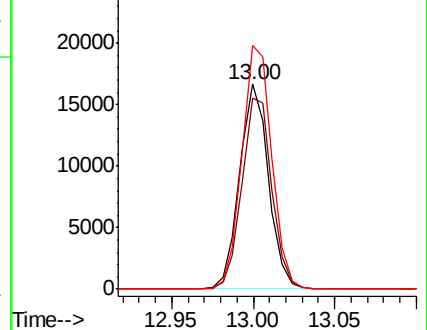
157 123.1 61.4 184.1

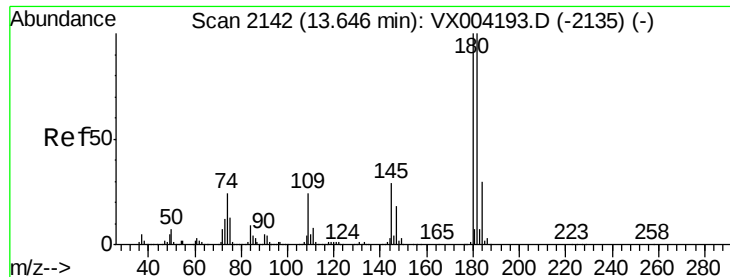


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

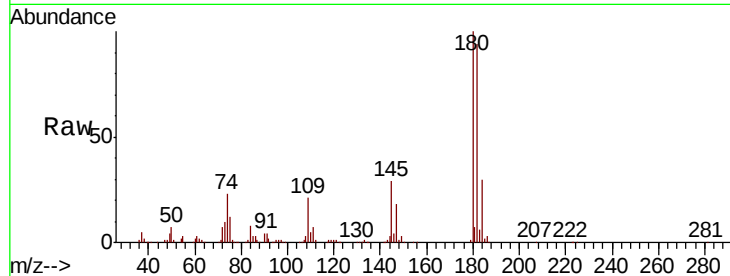




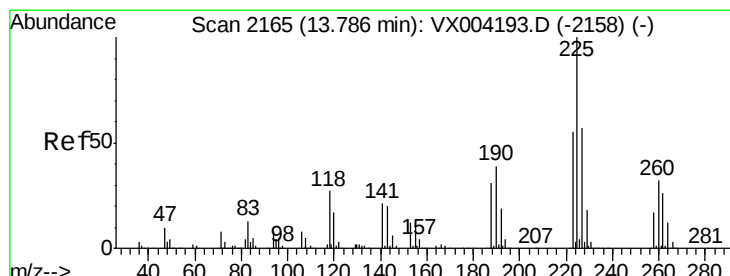
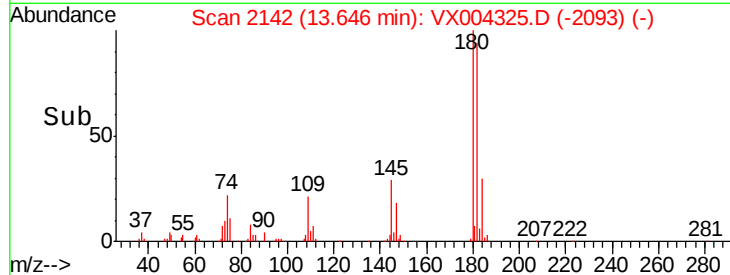
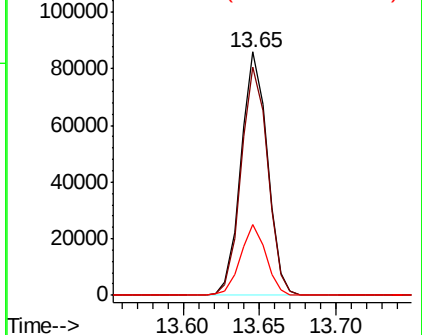
#93
 1,2,4-Trichlorobenzene
 Concen: 18.52 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004325.D
 Acq: 30 Aug 2018 18:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830WBSD01

Tot Ion:180 Resp: 103257
 Ion Ratio Lower Upper
 180 100
 182 94.0 48.4 145.0
 145 28.1 14.3 42.9

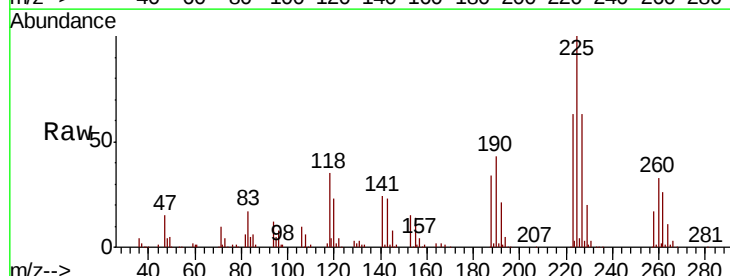


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

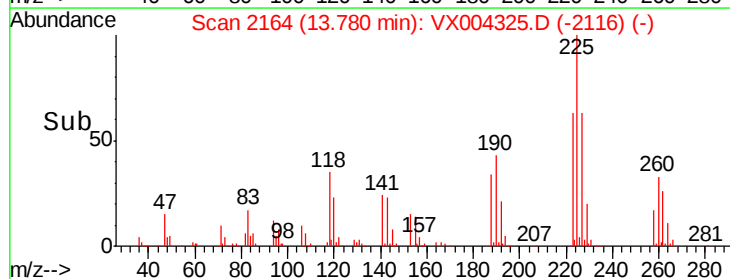
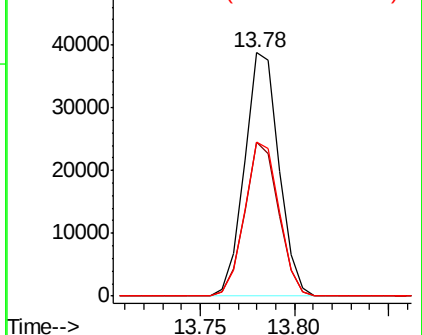


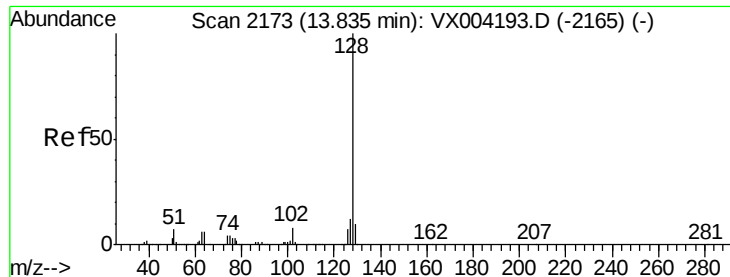
#94
 Hexachlorobutadiene
 Concen: 18.78 ug/l
 RT: 13.78 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: VX004325.D
 Acq: 30 Aug 2018 18:13

Tgt Ion:225 Resp: 48933
 Ion Ratio Lower Upper
 225 100
 223 62.4 30.1 90.5
 227 63.6 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: 19.73 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX004325.D

Acq: 30 Aug 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

VX0830WBSD01

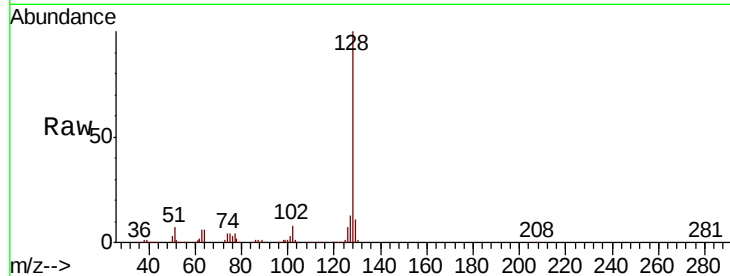
Tot Ion:128 Resp: 311034

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

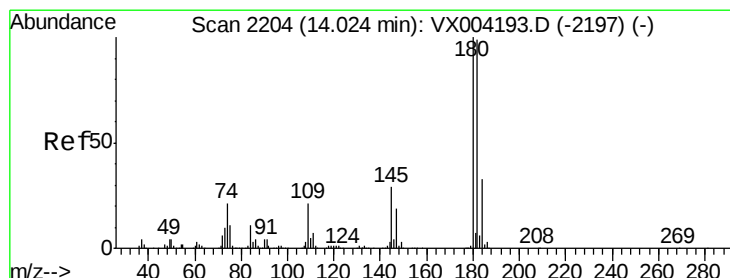
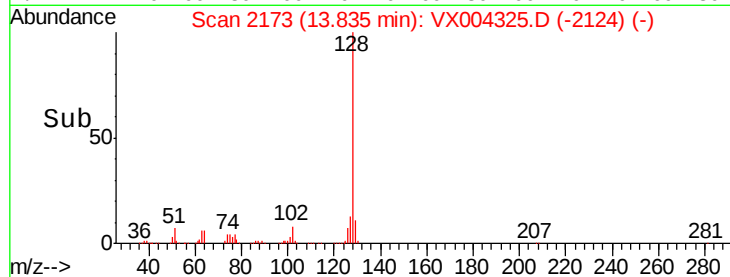
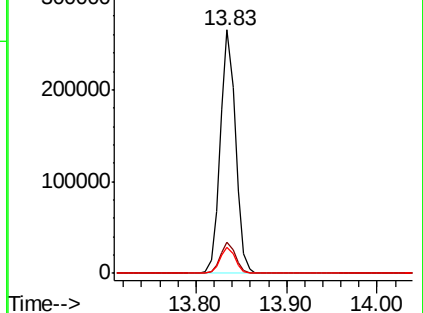
129 10.9 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.30 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX004325.D

Acq: 30 Aug 2018 18:13

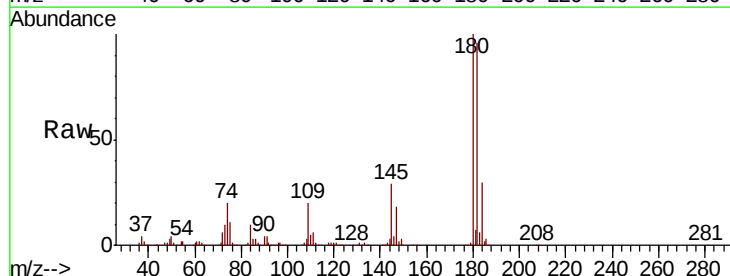
Tgt Ion:180 Resp: 108007

Ion Ratio Lower Upper

180 100

182 95.5 48.5 145.6

145 29.8 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

