

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003879.D
 Acq On : 07 Aug 2018 14:19
 Operator : JC/MD
 Sample : VX0807WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD01

Quant Time: Aug 08 01:20:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	342356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	502063	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	477163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	250411	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	236230	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	
35) Dibromofluoromethane	5.51	113	194476	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
50) Toluene-d8	8.72	98	760866	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
62) 4-Bromofluorobenzene	11.14	95	275387	57.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.08%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	70166	20.22	ug/l	98
3) Chloromethane	1.32	50	88205	18.69	ug/l	99
4) Vinyl Chloride	1.40	62	92472	19.64	ug/l	98
5) Bromomethane	1.64	94	57325	20.67	ug/l	97
6) Chloroethane	1.72	64	64638	21.46	ug/l	98
7) Trichlorofluoromethane	1.93	101	121257	19.51	ug/l	100
8) Diethyl Ether	2.19	74	54035	19.34	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	75047	19.32	ug/l	99
10) Methyl Iodide	2.51	142	87510	18.11	ug/l	100
11) Tert butyl alcohol	3.07	59	110746	101.55	ug/l	100
12) 1,1-Dichloroethene	2.37	96	70446	19.17	ug/l	98
13) Acrolein	2.29	56	60645	104.25	ug/l	99
14) Allyl chloride	2.73	41	140510	19.84	ug/l	100
15) Acrylonitrile	3.15	53	258160	99.21	ug/l	99
16) Acetone	2.45	43	266713	98.79	ug/l	99
17) Carbon Disulfide	2.57	76	194437	18.95	ug/l	99
18) Methyl Acetate	2.78	43	118658	20.18	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	256946	19.73	ug/l	99
20) Methylene Chloride	2.86	84	86676	19.25	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	78507	18.82	ug/l	99
22) Diisopropyl ether	3.87	45	252040	19.36	ug/l	99
23) Vinyl Acetate	3.82	43	1059827	97.83	ug/l	100
24) 1,1-Dichloroethane	3.70	63	154188	19.94	ug/l	100
25) 2-Butanone	4.71	43	408649	100.67	ug/l	99
26) 2,2-Dichloropropane	4.59	77	104521	18.74	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	87920	19.42	ug/l	98
28) Bromochloromethane	5.02	49	71431	21.58	ug/l	99
29) Tetrahydrofuran	5.17	42	208612	99.99	ug/l	99
30) Chloroform	5.21	83	145522	19.99	ug/l	98
31) Cyclohexane	5.57	56	124482	19.03	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	121783	19.94	ug/l	99
36) 1,1-Dichloropropene	5.80	75	106672	18.97	ug/l	99
37) Ethyl Acetate	4.87	43	124602	20.14	ug/l	99
38) Carbon Tetrachloride	5.78	117	104536	19.53	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003879.D
 Acq On : 07 Aug 2018 14:19
 Operator : JC/MD
 Sample : VX0807WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD01

Quant Time: Aug 08 01:20:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	123401	18.61	ug/l	99
40) Benzene	6.14	78	334011	19.78	ug/l	100
41) Methacrylonitrile	5.07	41	67512	19.82	ug/l	99
42) 1,2-Dichloroethane	6.20	62	113858	19.94	ug/l	100
43) Isopropyl Acetate	6.47	43	182287	19.58	ug/l	100
44) Trichloroethene	7.21	130	87239	18.89	ug/l	94
45) 1,2-Dichloropropane	7.52	63	84365	19.35	ug/l	99
46) Dibromomethane	7.67	93	55498	19.60	ug/l	99
47) Bromodichloromethane	7.90	83	103217	19.36	ug/l	99
48) Methyl methacrylate	7.78	41	92544	19.56	ug/l	99
49) 1,4-Dioxane	7.76	88	44134	395.95	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	791782	102.62	ug/l	100
52) Toluene	8.79	92	212357	19.90	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	114337	18.97	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	127093	19.55	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	87789	20.14	ug/l	96
56) Ethyl methacrylate	9.18	69	121200	19.16	ug/l	99
57) 1,3-Dichloropropane	9.37	76	145275	19.91	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	320686	103.10	ug/l	99
59) 2-Hexanone	9.50	43	604016	104.73	ug/l	100
60) Dibromochloromethane	9.59	129	82048	20.18	ug/l	98
61) 1,2-Dibromoethane	9.68	107	88270	20.22	ug/l	100
64) Tetrachloroethene	9.34	164	83261	17.74	ug/l	94
65) Chlorobenzene	10.14	112	235238	18.95	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.23	131	82044	19.22	ug/l	98
67) Ethyl Benzene	10.26	91	387914	19.09	ug/l	98
68) m/p-Xylenes	10.36	106	308506	38.85	ug/l	98
69) o-Xylene	10.70	106	144945	19.33	ug/l	95
70) Styrene	10.71	104	246935	20.12	ug/l	97
71) Bromoform	10.86	173	63194	19.36	ug/l	95
73) Isopropylbenzene	11.02	105	382270	20.64	ug/l	95
74) N-amyl acetate	6.47	43	182287	18.92	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	136578	21.51	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	147973	26.75	ug/l	87
77) Bromobenzene	11.26	156	104617	21.17	ug/l	99
78) n-propylbenzene	11.36	91	442399	21.27	ug/l	100
79) 2-Chlorotoluene	11.42	91	270428	21.32	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	326238	21.60	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	35760	19.02	ug/l	95
82) 4-Chlorotoluene	11.51	91	312706	21.05	ug/l	99
83) tert-Butylbenzene	11.77	119	318996	21.47	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	340140	22.40	ug/l	100
85) sec-Butylbenzene	11.94	105	366757	20.91	ug/l	100
86) p-Isopropyltoluene	12.07	119	314930	20.01	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	170516	18.67	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	178703	20.24	ug/l	99
89) n-Butylbenzene	12.39	91	249610	18.20	ug/l	99
90) Hexachloroethane	12.60	117	45465	17.79	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	170274	18.80	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	24821	19.08	ug/l	94

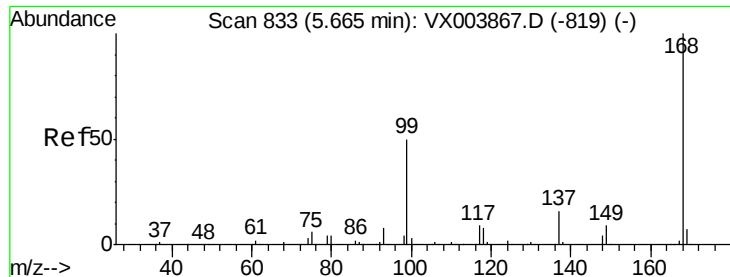
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
Data File : VX003879.D
Acq On : 07 Aug 2018 14:19
Operator : JC/MD
Sample : VX0807WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD01

Quant Time: Aug 08 01:20:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	132233	20.30	ug/l	99
94) Hexachlorobutadiene	13.79	225	60558	21.33	ug/l	99
95) Naphthalene	13.83	128	410880	22.03	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	138931	21.38	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

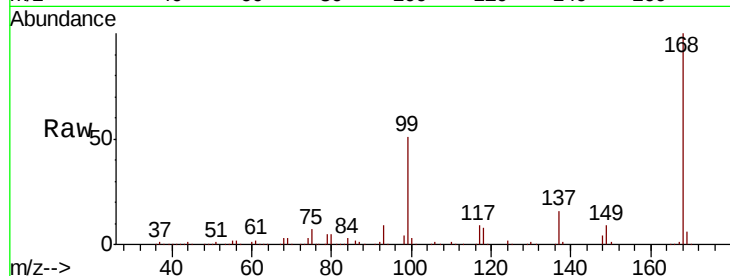
VX0807WBSD01

Tot Ion:168 Resp: 342356

Ion Ratio Lower Upper

168 100

99 50.7 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

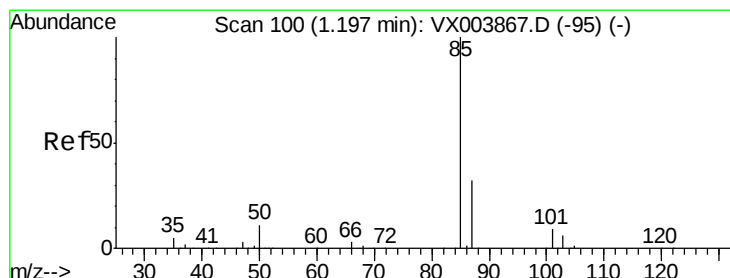
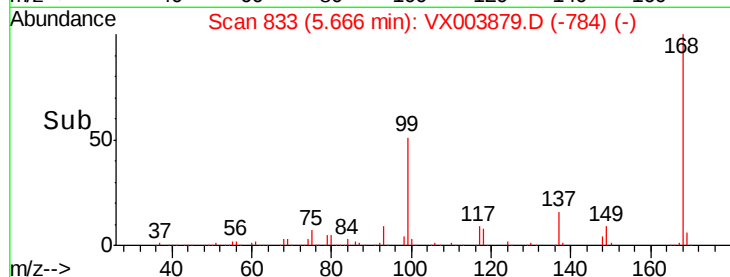
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.22 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003879.D

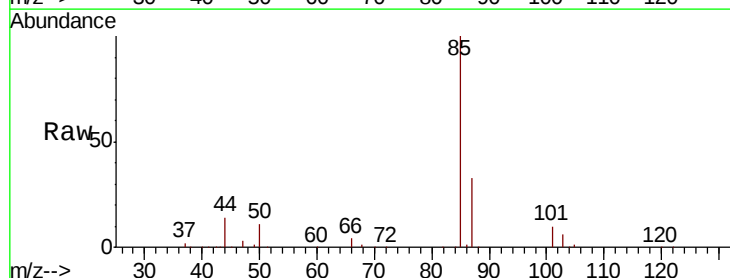
Acq: 07 Aug 2018 14:19

Tgt Ion: 85 Resp: 70166

Ion Ratio Lower Upper

85 100

87 33.2 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

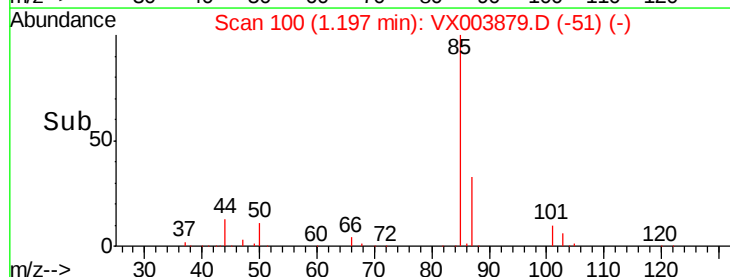
60000

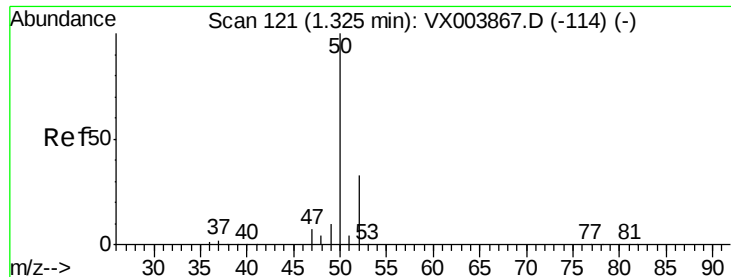
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 18.69 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

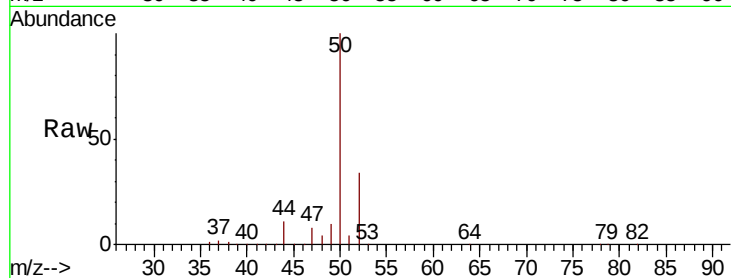
VX0807WBSD01

Tot Ion: 50 Resp: 88205

Ion Ratio Lower Upper

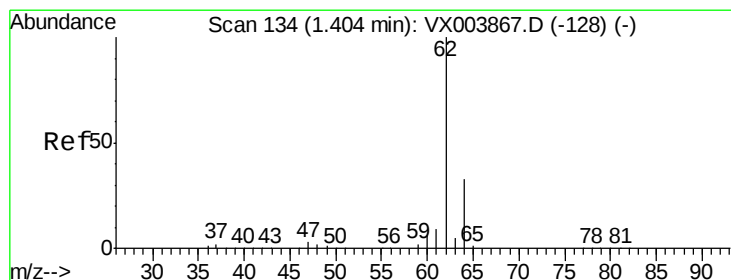
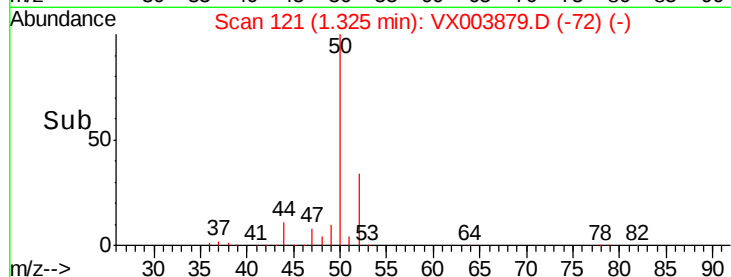
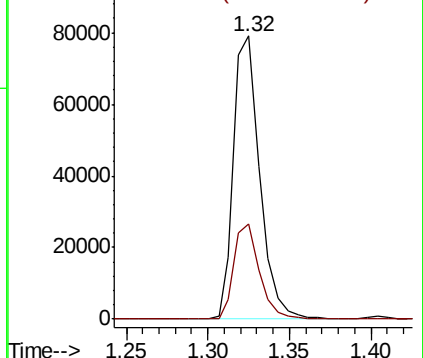
50 100

52 33.5 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.64 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003879.D

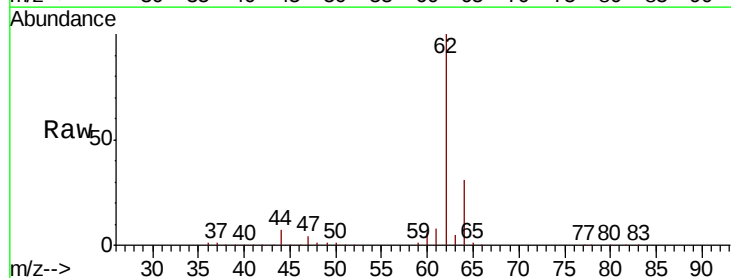
Acq: 07 Aug 2018 14:19

Tgt Ion: 62 Resp: 92472

Ion Ratio Lower Upper

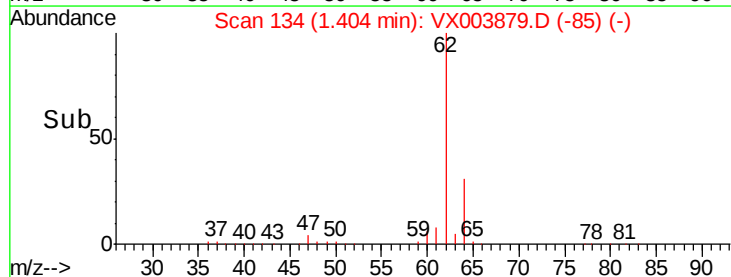
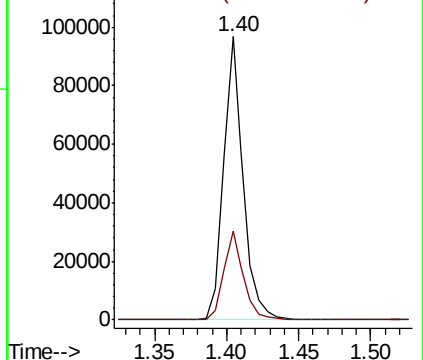
62 100

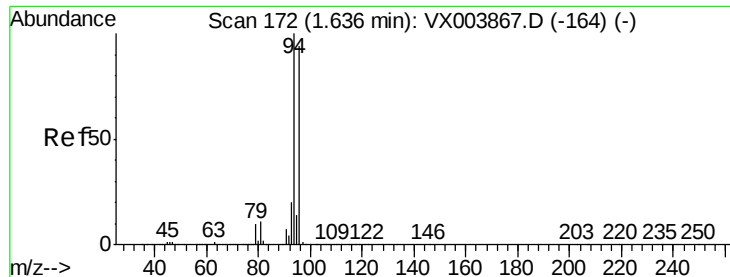
64 31.3 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.67 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

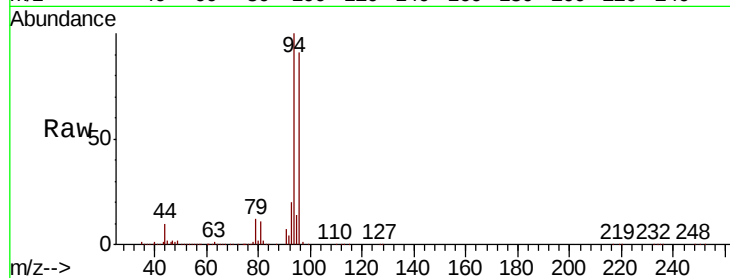
VX0807WBSD01

Tot Ion: 94 Resp: 57325

Ion Ratio Lower Upper

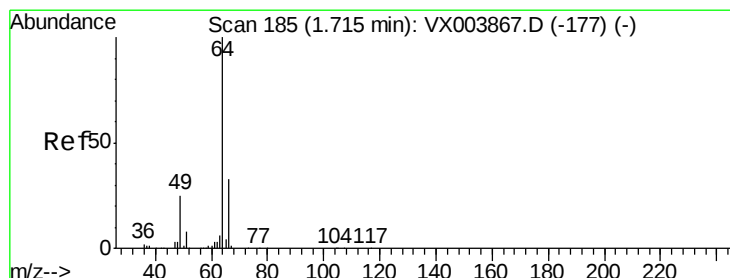
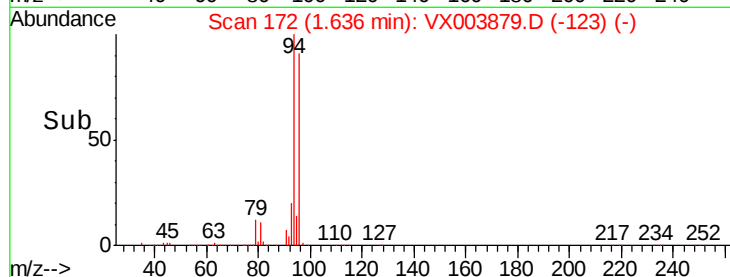
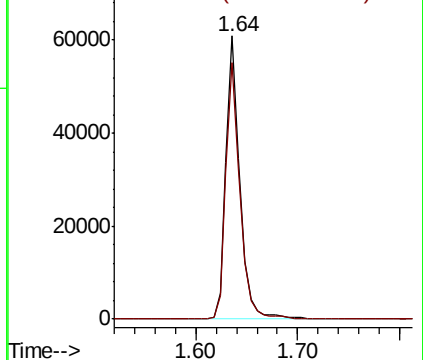
94 100

96 90.7 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.46 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003879.D

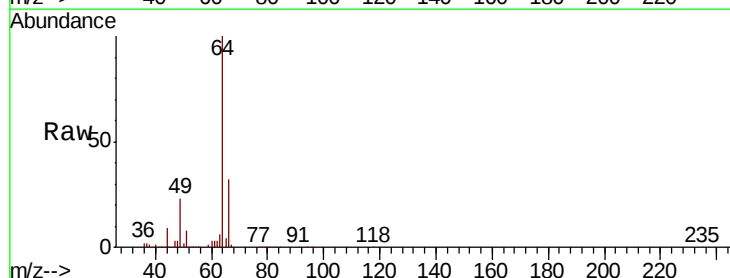
Acq: 07 Aug 2018 14:19

Tgt Ion: 64 Resp: 64638

Ion Ratio Lower Upper

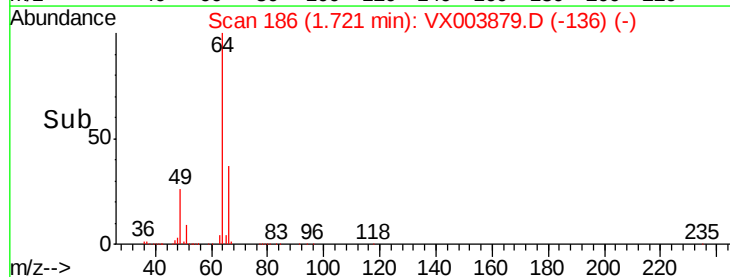
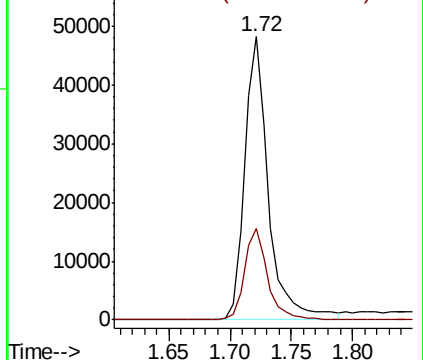
64 100

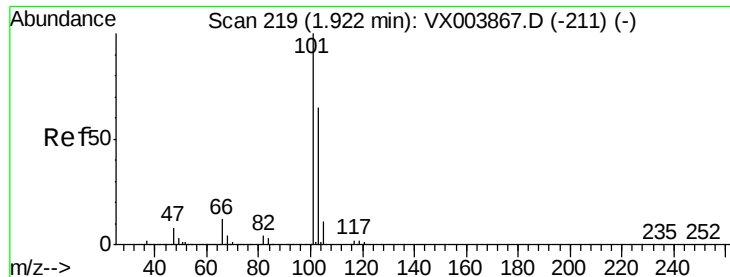
66 32.1 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



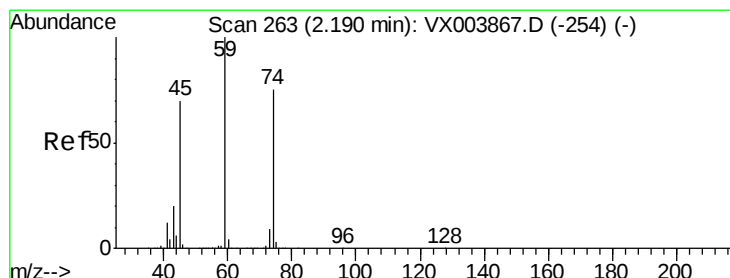
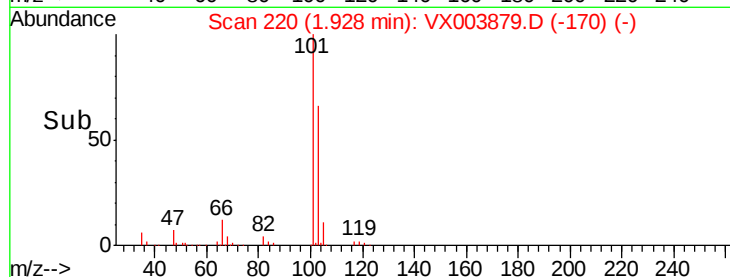
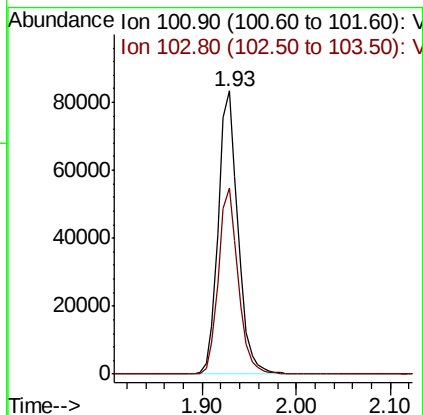
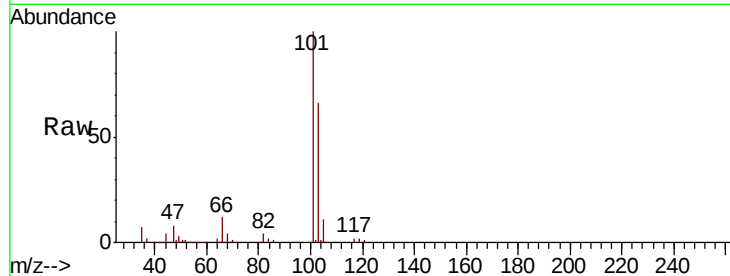


#7

Trichlorofluoromethane
 Concen: 19.51 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX003879.D
 Acq: 07 Aug 2018 14:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD01

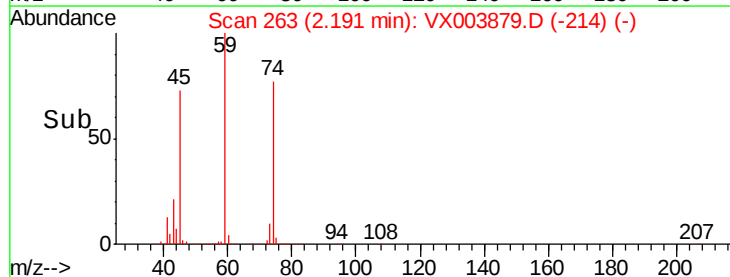
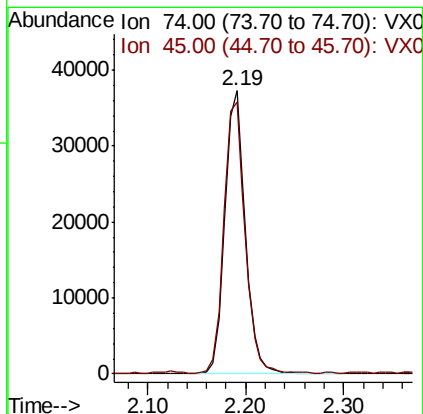
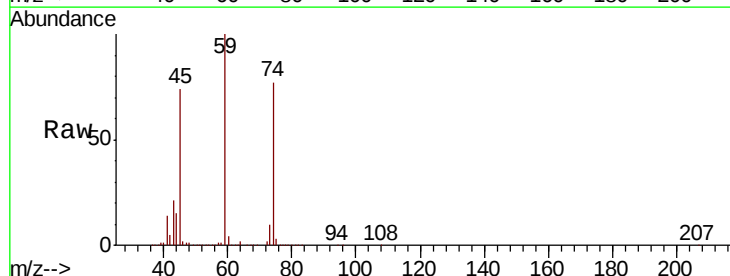
Tot Ion:101 Resp: 121257
 Ion Ratio Lower Upper
 101 100
 103 65.8 52.3 78.5

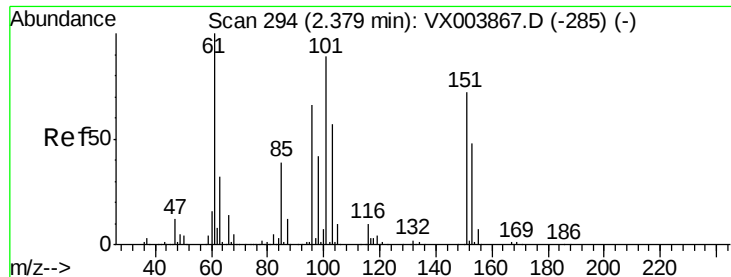


#8

Diethyl Ether
 Concen: 19.34 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003879.D
 Acq: 07 Aug 2018 14:19

Tgt Ion: 74 Resp: 54035
 Ion Ratio Lower Upper
 74 100
 45 98.8 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.32 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD01

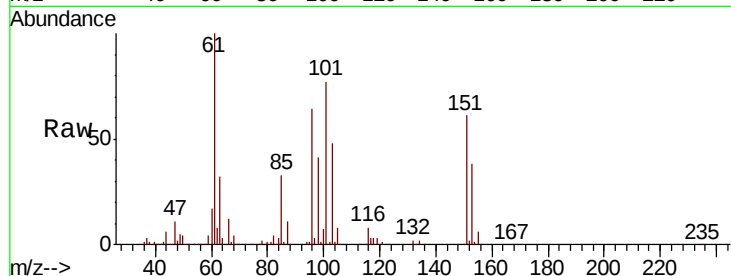
Tot Ion:101 Resp: 75047

Ion Ratio Lower Upper

101 100

85 43.4 34.2 51.4

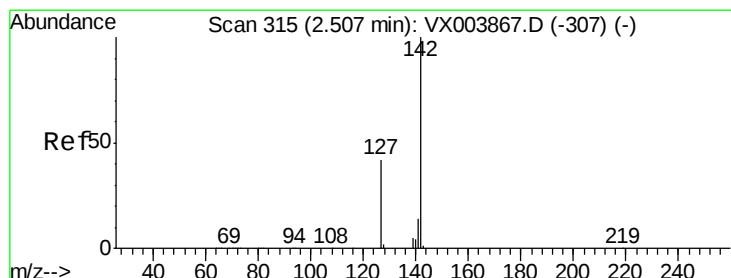
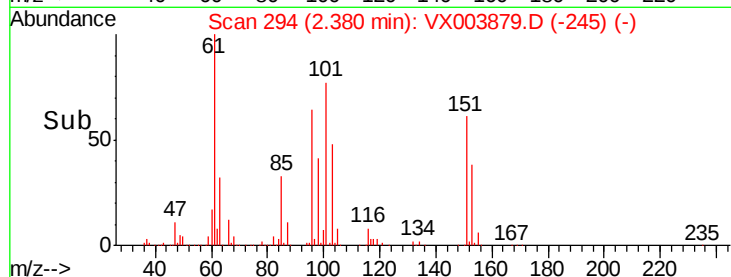
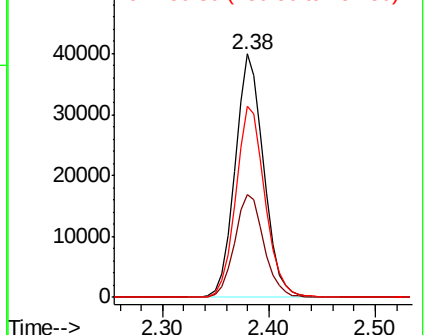
151 80.3 65.0 97.4



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: 18.11 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

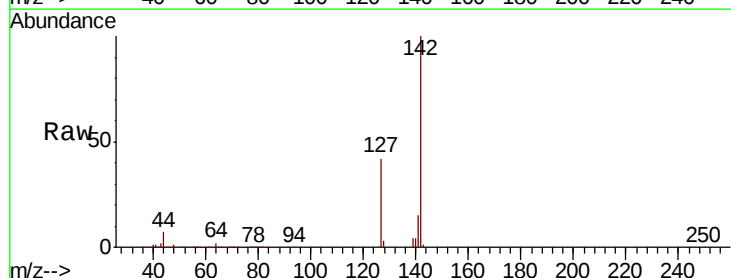
Tgt Ion:142 Resp: 87510

Ion Ratio Lower Upper

142 100

127 41.5 33.1 49.7

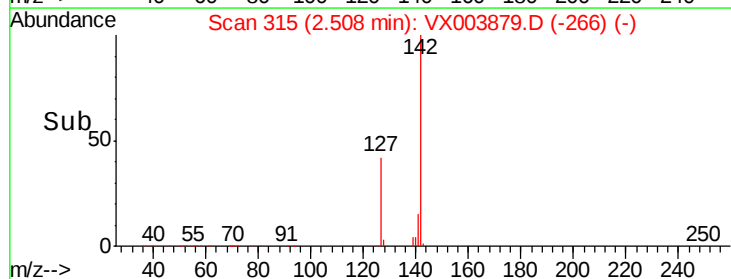
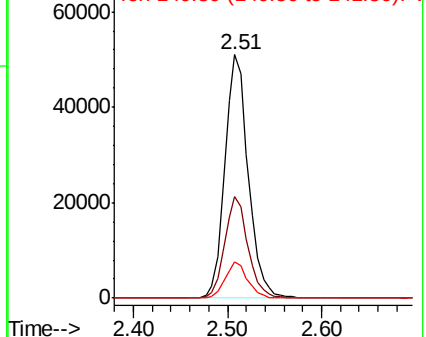
141 14.4 11.1 16.7

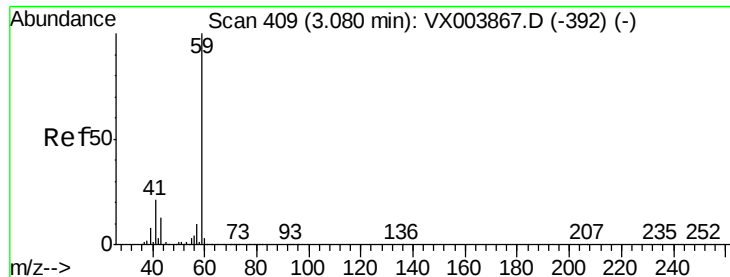


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



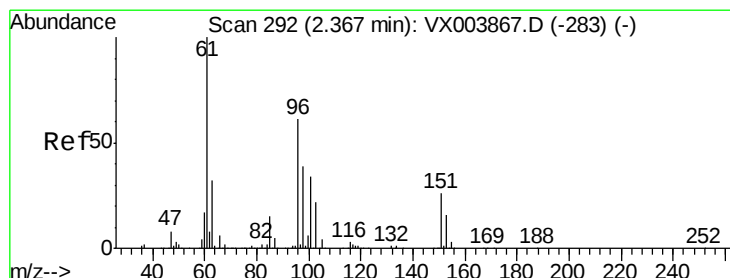
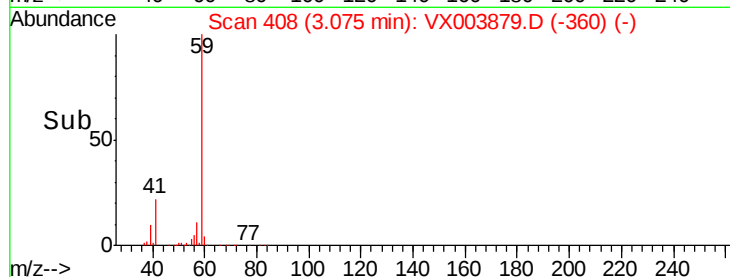
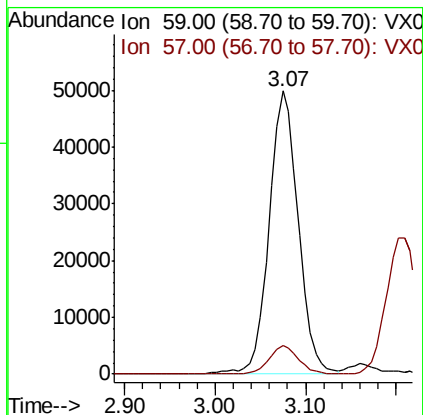
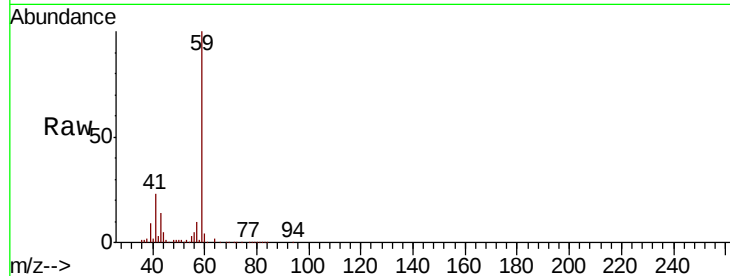


#11

Tert butyl alcohol
 Concen: 101.55 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX003879.D
 Acq: 07 Aug 2018 14:19

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0807WBSD01

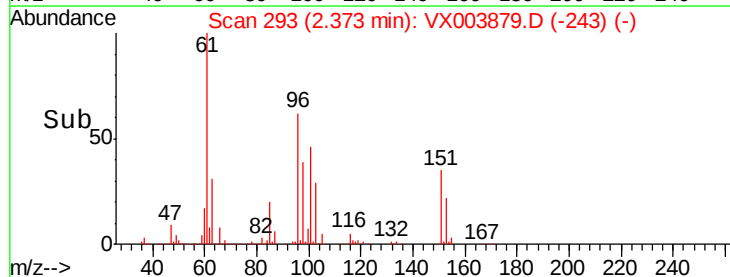
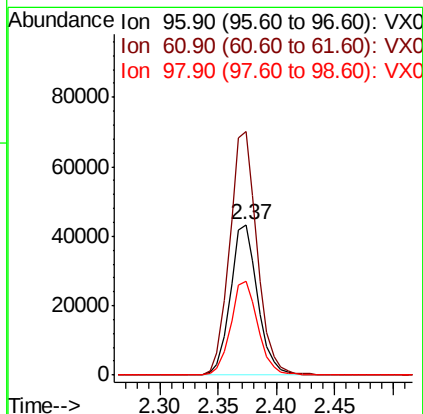
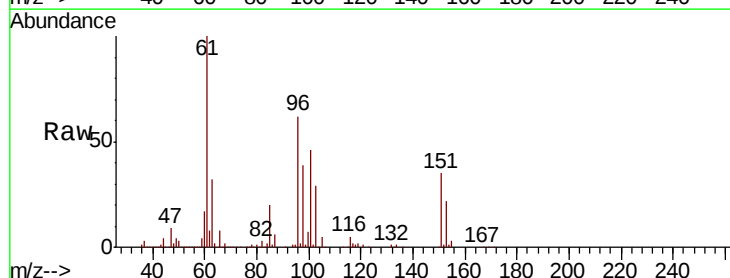
Tot Ion: 59 Resp: 110746
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.1 12.1

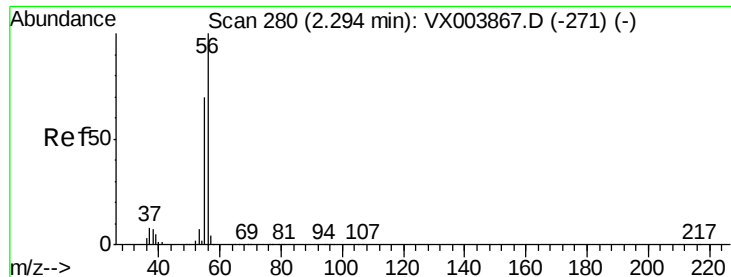


#12

1,1-Dichloroethene
 Concen: 19.17 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: VX003879.D
 Acq: 07 Aug 2018 14:19

Tgt Ion: 96 Resp: 70446
 Ion Ratio Lower Upper
 96 100
 61 161.5 131.3 196.9
 98 62.5 51.8 77.6





#13

Acrolein

Concen: 104.25 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

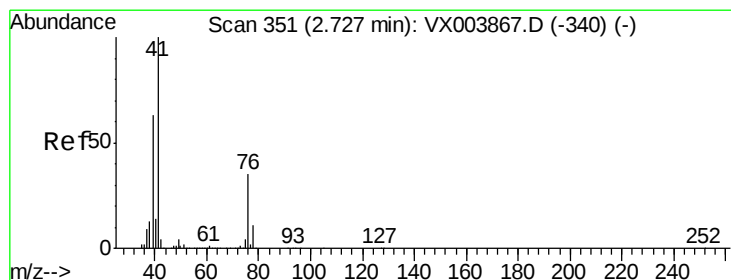
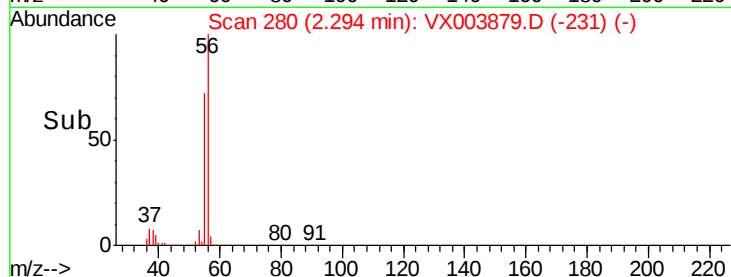
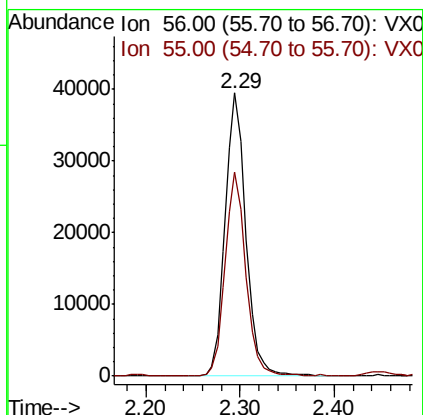
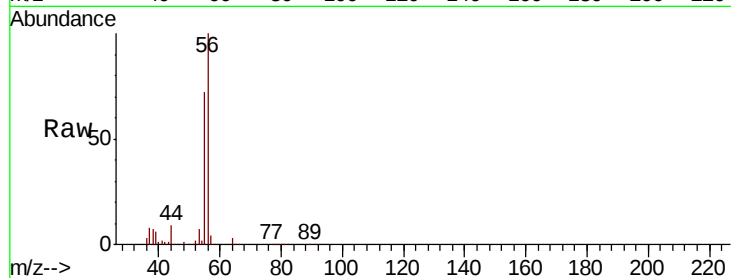
VX0807WBSD01

Tot Ion: 56 Resp: 60645

Ion Ratio Lower Upper

56 100

55 71.0 56.1 84.1



#14

Allyl chloride

Concen: 19.84 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

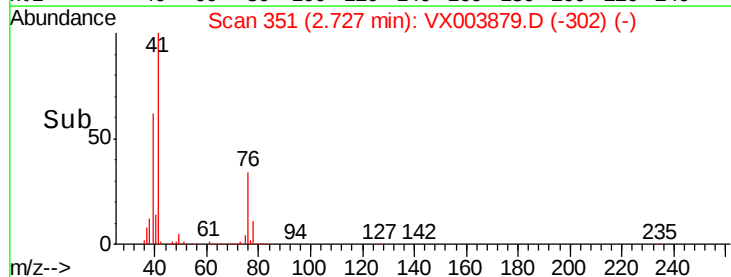
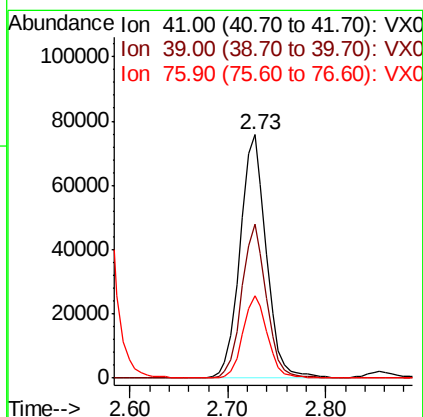
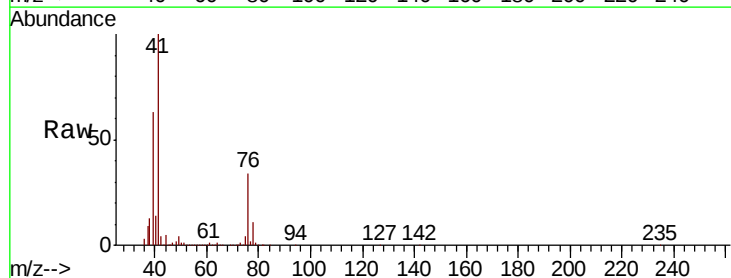
Tgt Ion: 41 Resp: 140510

Ion Ratio Lower Upper

41 100

39 59.1 47.4 71.0

76 31.9 26.0 39.0





#15

Acrylonitrile

Concen: 99.21 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD01

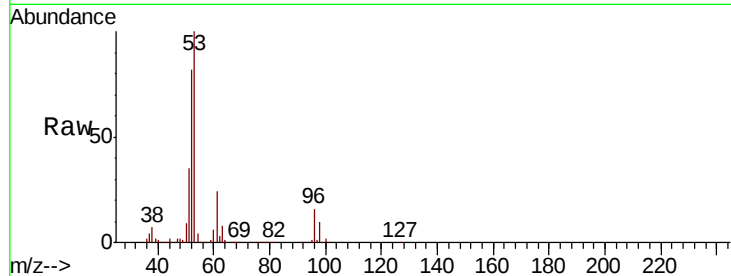
Tot Ion: 53 Resp: 258160

Ion Ratio Lower Upper

53 100

52 82.1 65.3 97.9

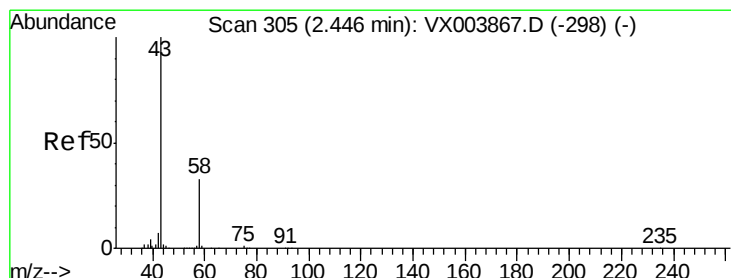
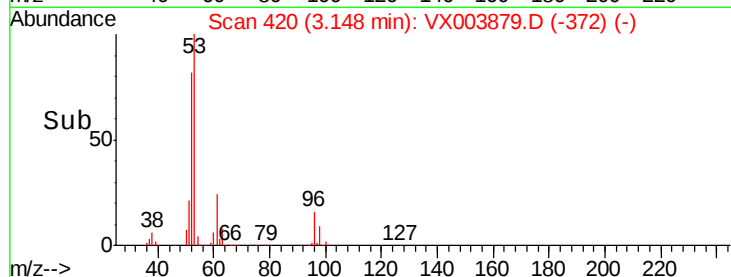
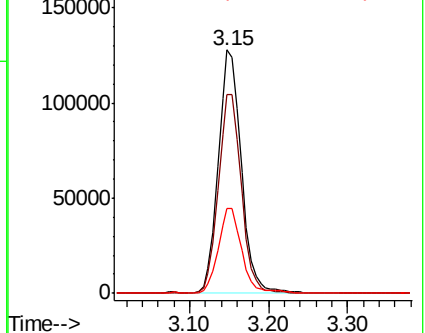
51 35.5 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 98.79 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003879.D

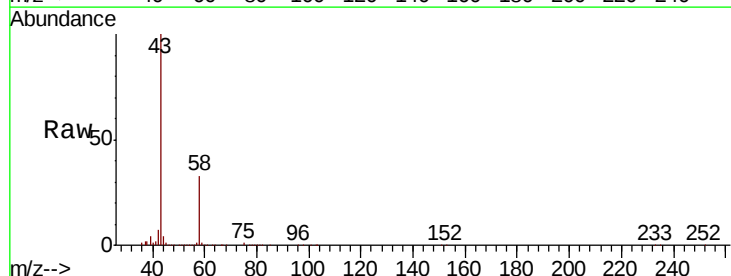
Acq: 07 Aug 2018 14:19

Tgt Ion: 43 Resp: 266713

Ion Ratio Lower Upper

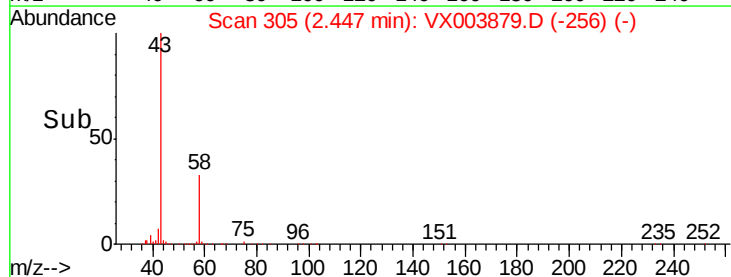
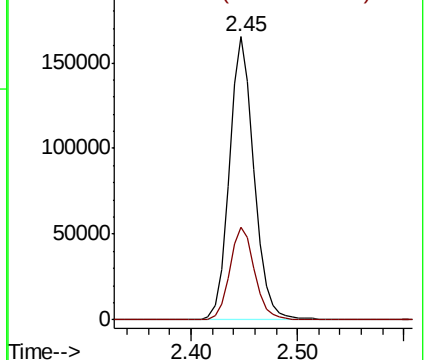
43 100

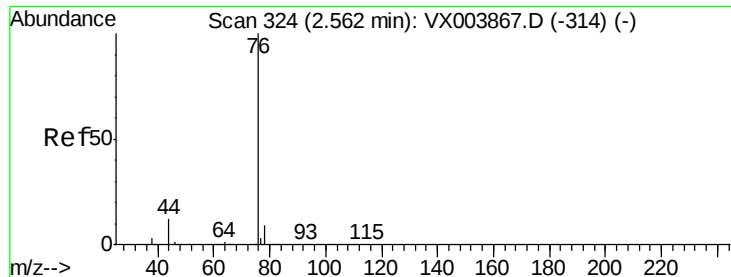
58 32.7 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

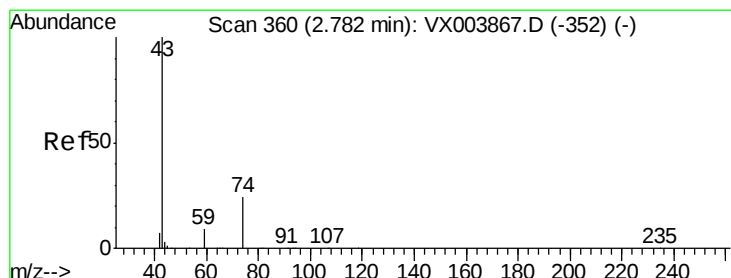
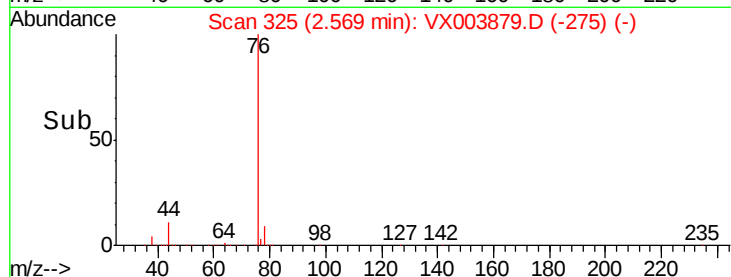
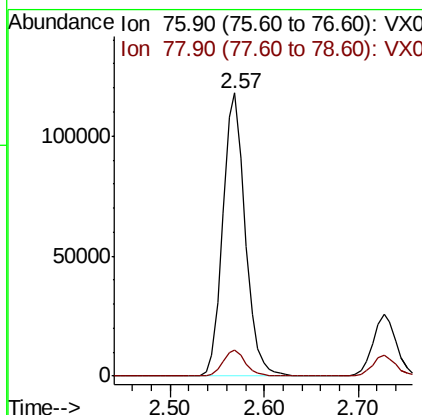
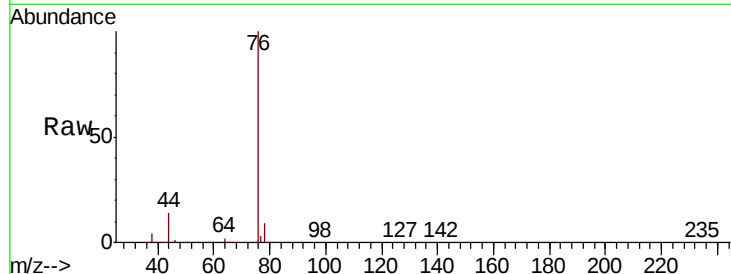




#17
Carbon Disulfide
Concen: 18.95 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

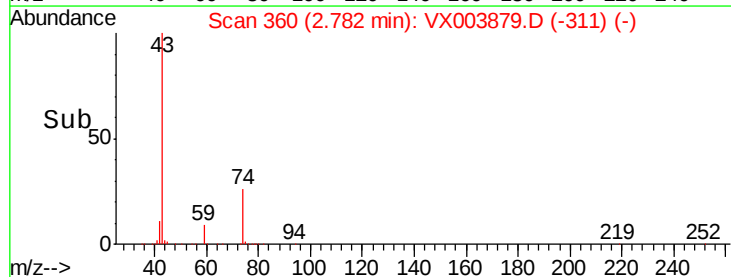
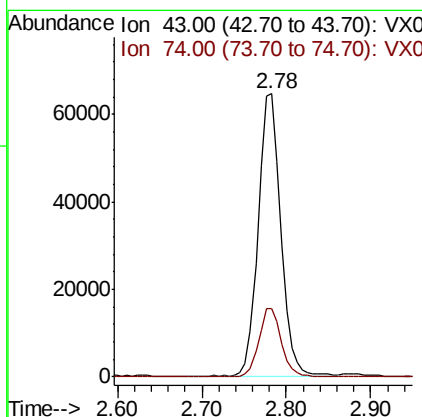
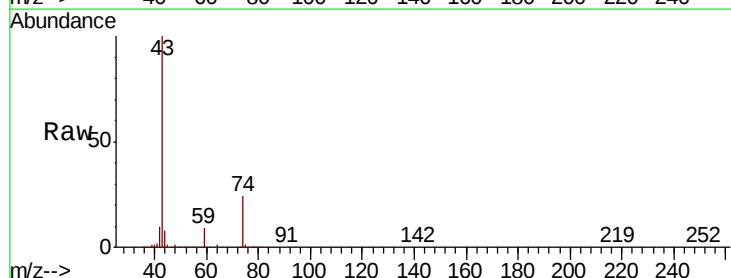
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD01

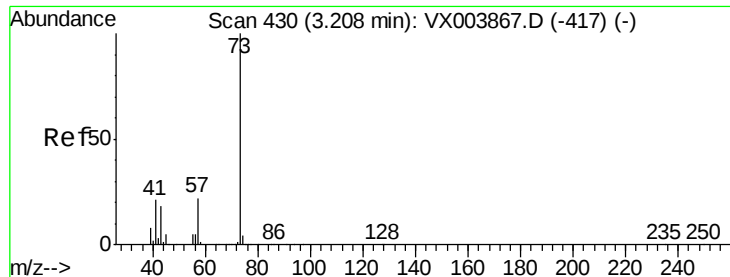
Tot Ion: 76 Resp: 194437
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 20.18 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Tgt Ion: 43 Resp: 118658
Ion Ratio Lower Upper
43 100
74 23.6 18.9 28.3



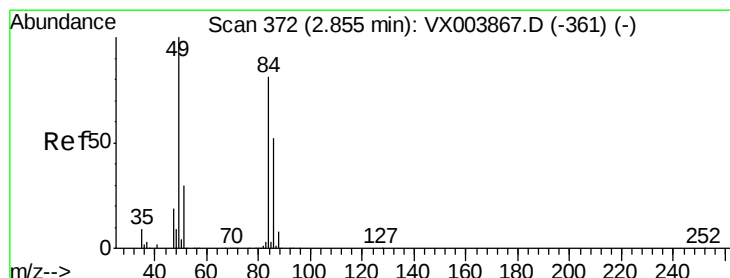
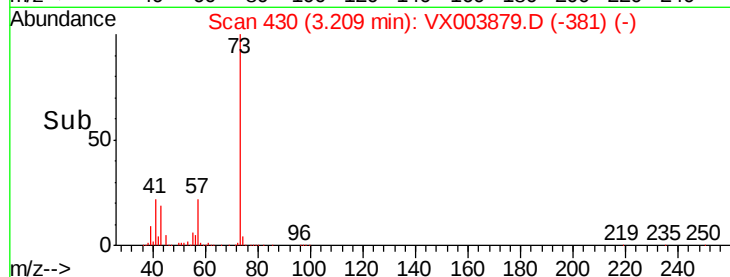
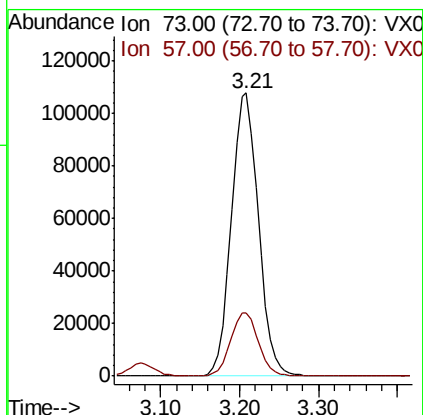
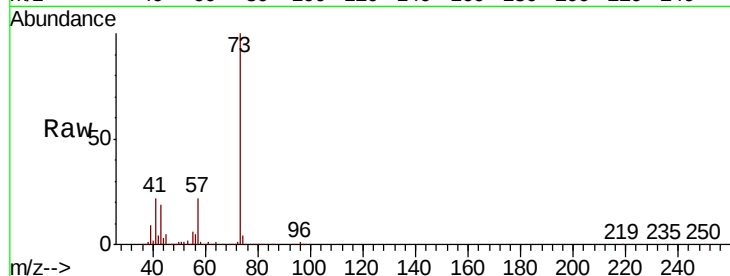


#19

Methyl tert-butyl Ether
 Concen: 19.73 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX003879.D
 Acq: 07 Aug 2018 14:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD01

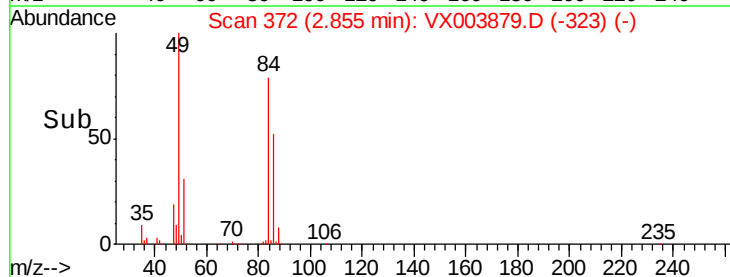
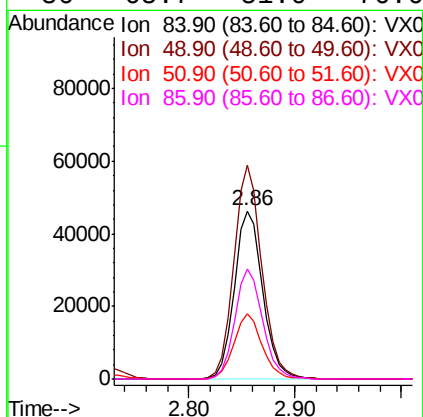
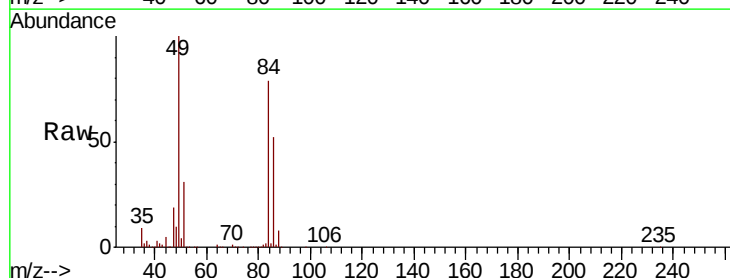
Tot Ion: 73 Resp: 256946
 Ion Ratio Lower Upper
 73 100
 57 22.2 18.0 27.0

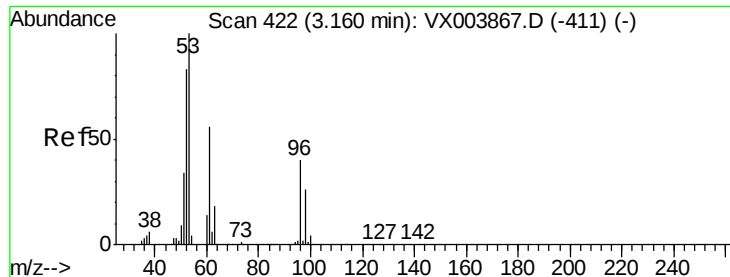


#20

Methylene Chloride
 Concen: 19.25 ug/l
 RT: 2.86 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: VX003879.D
 Acq: 07 Aug 2018 14:19

Tgt Ion: 84 Resp: 86676
 Ion Ratio Lower Upper
 84 100
 49 127.1 98.9 148.3
 51 39.1 29.9 44.9
 86 65.7 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 18.82 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD01

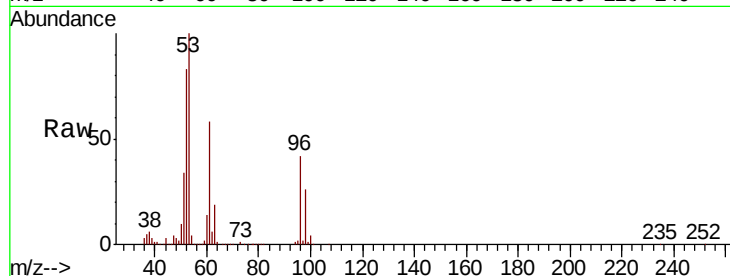
Tot Ion: 96 Resp: 78507

Ion Ratio Lower Upper

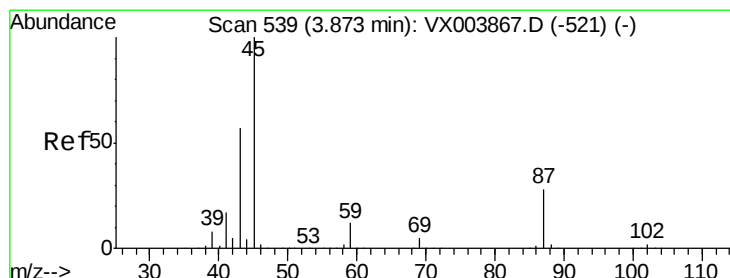
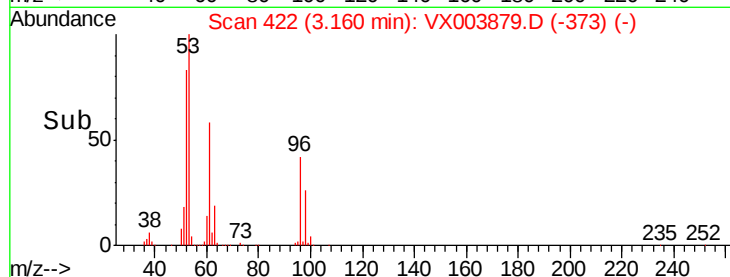
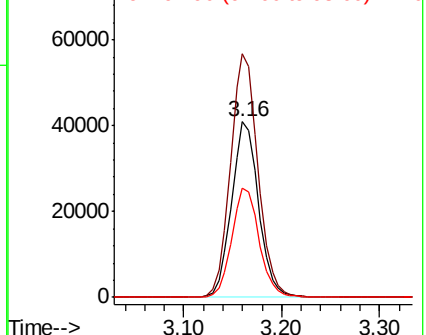
96 100

61 138.7 111.8 167.6

98 62.6 51.8 77.6



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



#22

Diisopropyl ether

Concen: 19.36 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Tgt Ion: 45 Resp: 252040

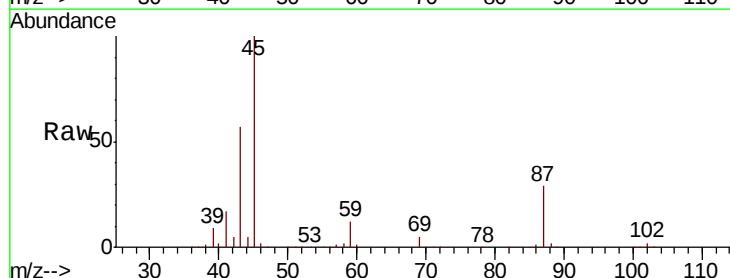
Ion Ratio Lower Upper

45 100

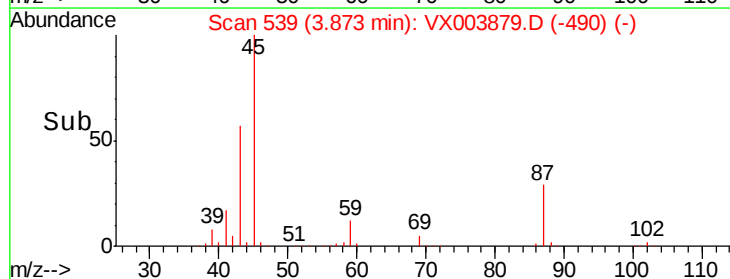
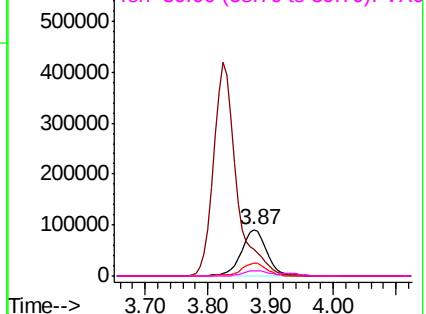
43 56.9 45.3 67.9

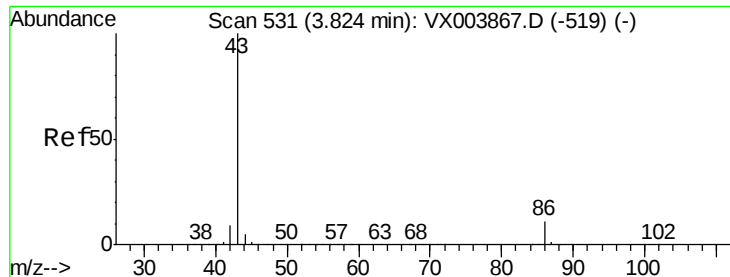
87 29.0 22.7 34.1

59 12.2 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: 97.83 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

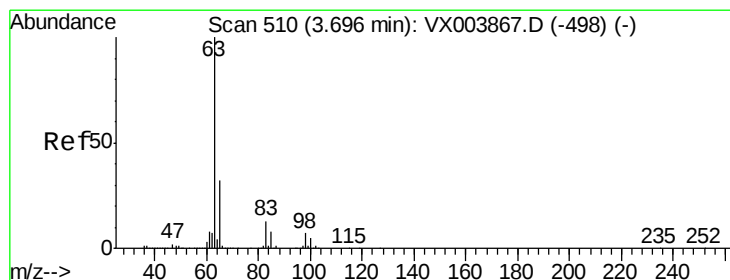
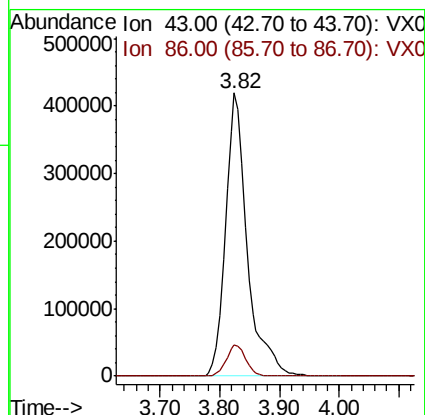
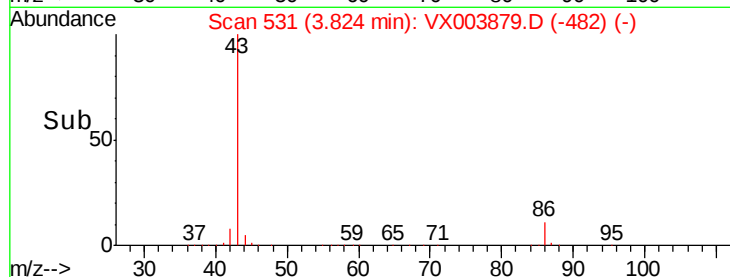
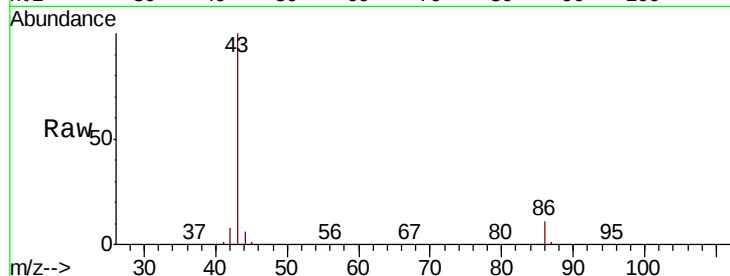
VX0807WBSD01

Tot Ion: 43 Resp: 1059827

Ion Ratio Lower Upper

43 100

86 11.0 8.9 13.3



#24

1,1-Dichloroethane

Concen: 19.94 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

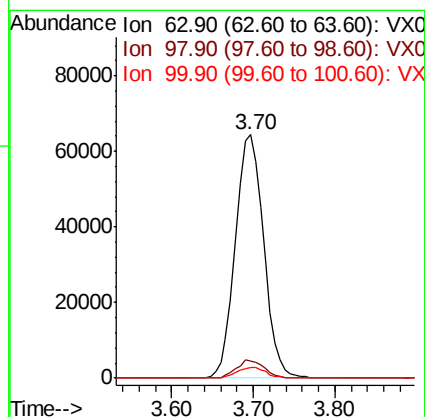
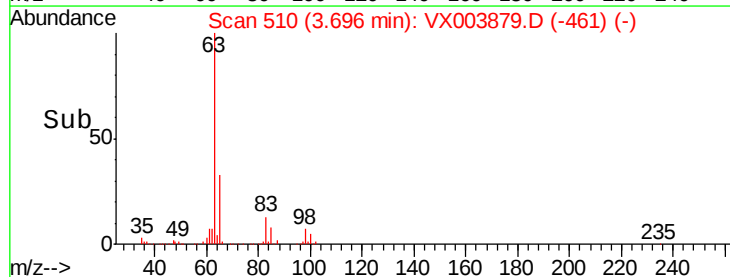
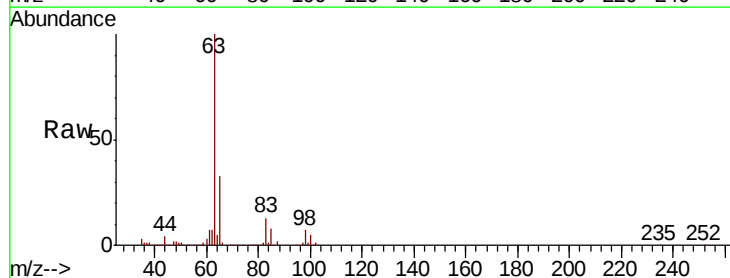
Tgt Ion: 63 Resp: 154188

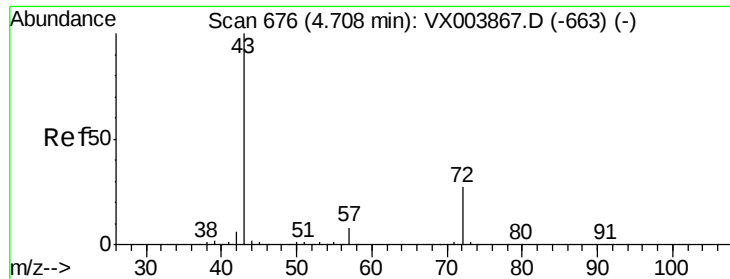
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

100 4.6 2.3 6.8





#25

2-Butanone

Concen: 100.67 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

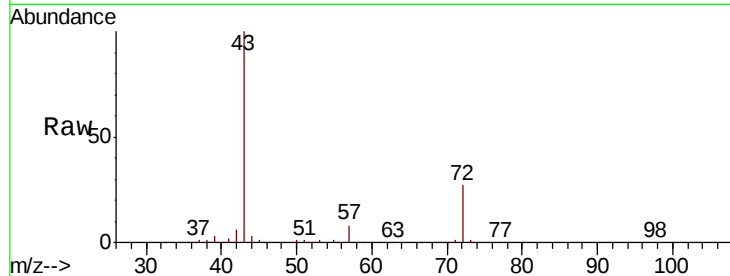
VX0807WBSD01

Tot Ion: 43 Resp: 408649

Ion Ratio Lower Upper

43 100

72 27.0 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

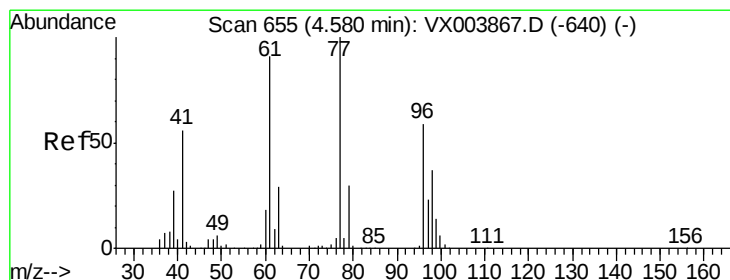
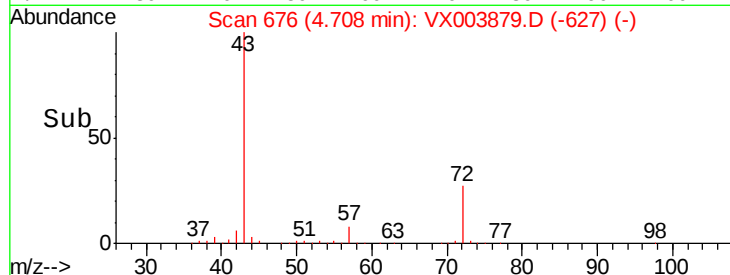
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 18.74 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX003879.D

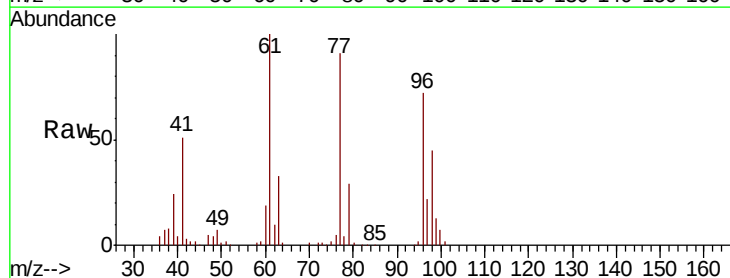
Acq: 07 Aug 2018 14:19

Tgt Ion: 77 Resp: 104521

Ion Ratio Lower Upper

77 100

97 23.5 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

40000

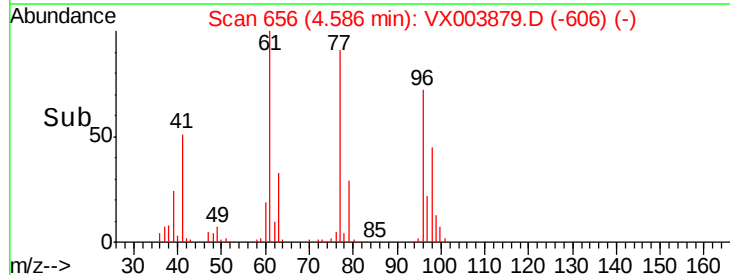
30000

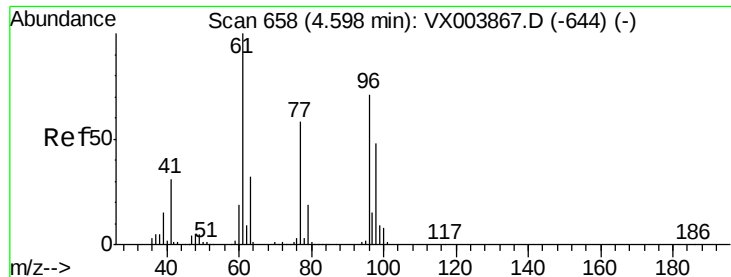
20000

10000

0

Time-->



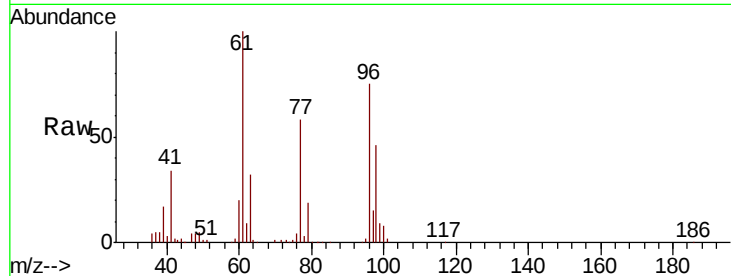


#27

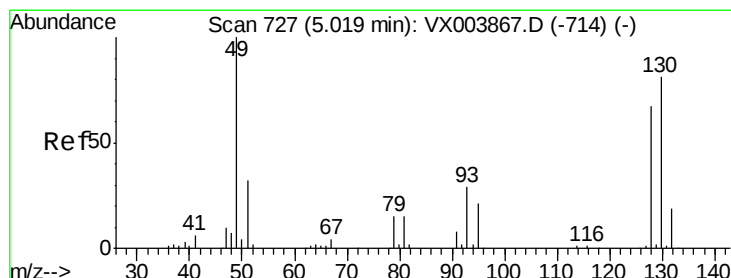
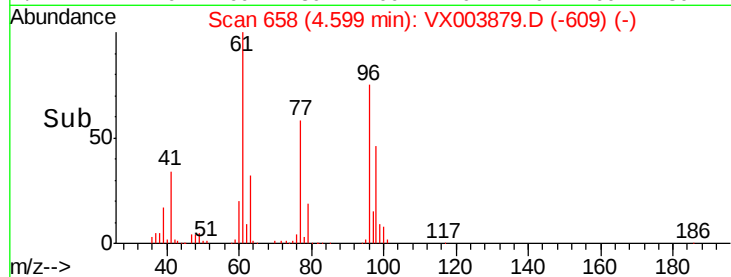
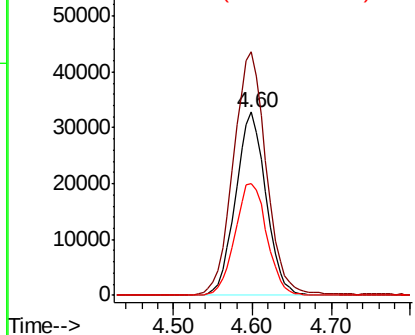
cis-1,2-Dichloroethene
Concen: 19.42 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD01

Tot Ion: 96 Resp: 87920
Ion Ratio Lower Upper
96 100
61 144.0 0.0 293.0
98 64.1 0.0 131.8



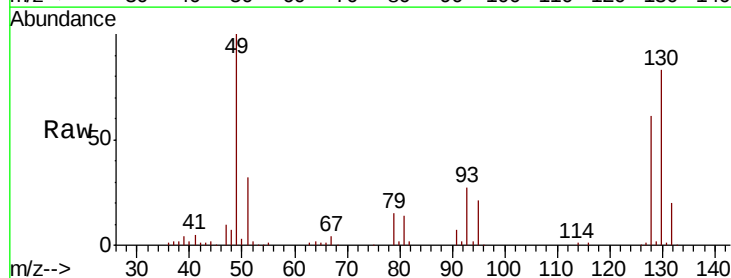
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



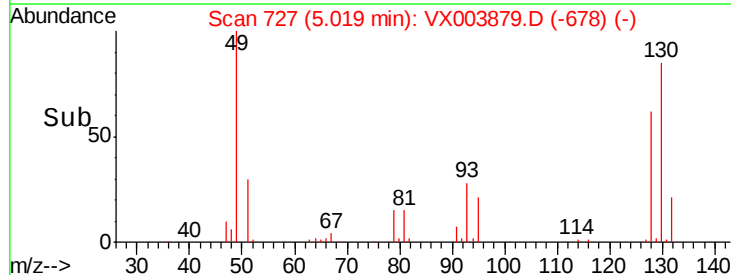
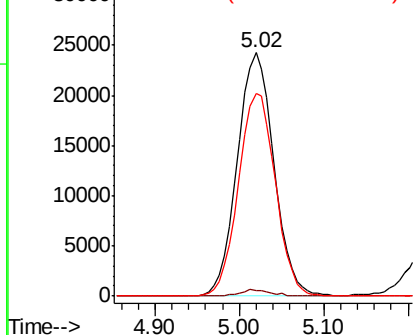
#28

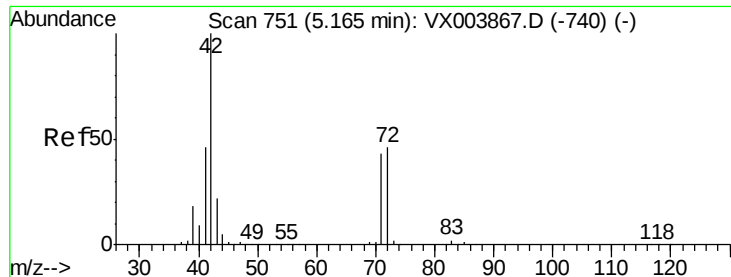
Bromochloromethane
Concen: 21.58 ug/l
RT: 5.02 min Scan# 727
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Tgt Ion: 49 Resp: 71431
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 84.0 66.5 99.7



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: 99.99 ug/l

RT: 5.17 min Scan# 751

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD01

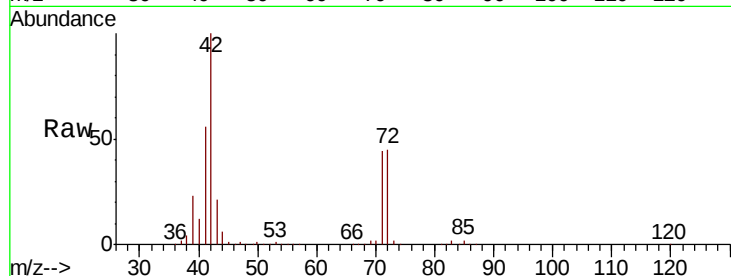
Tot Ion: 42 Resp: 208612

Ion Ratio Lower Upper

42 100

72 46.1 37.7 56.5

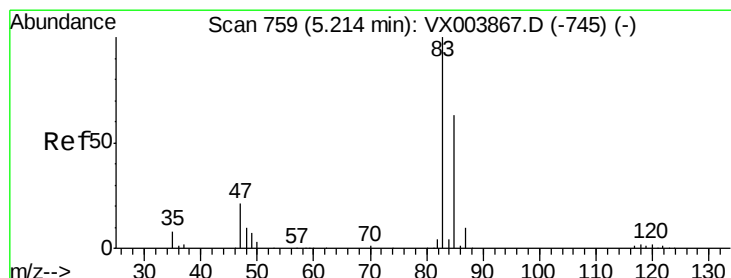
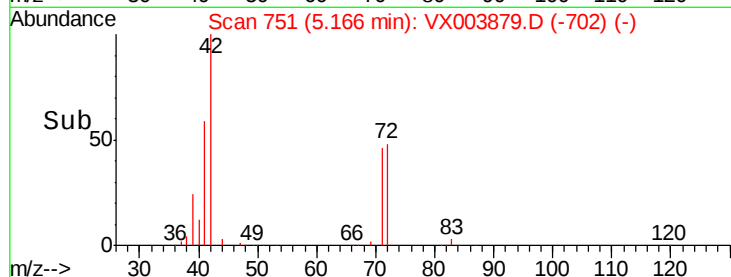
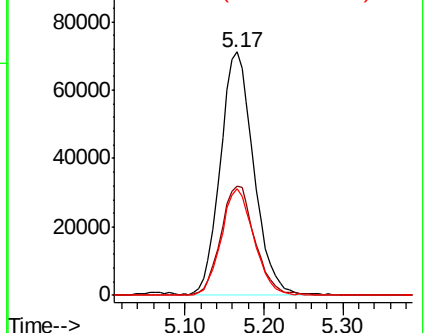
71 43.3 35.0 52.6



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: 19.99 ug/l

RT: 5.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX003879.D

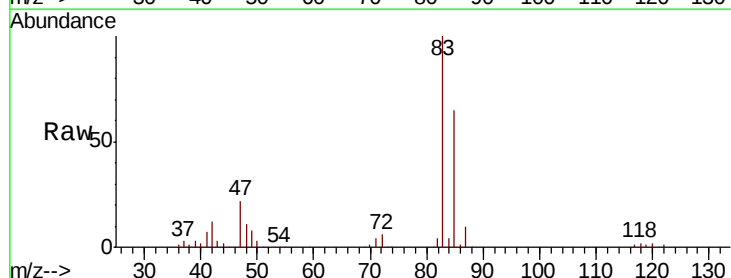
Acq: 07 Aug 2018 14:19

Tgt Ion: 83 Resp: 145522

Ion Ratio Lower Upper

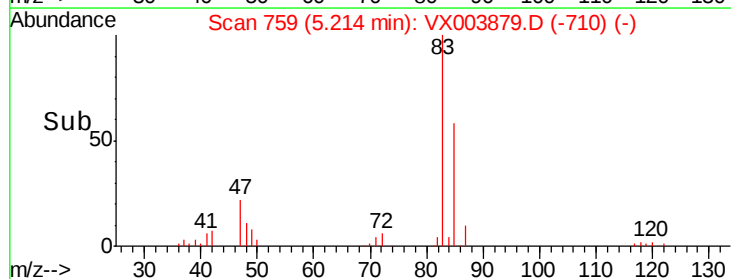
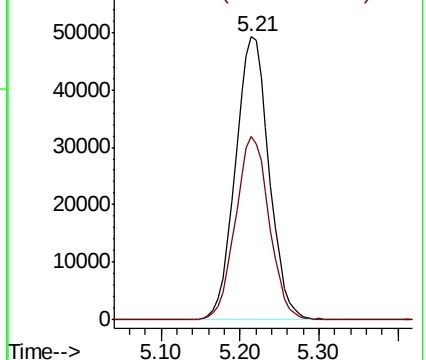
83 100

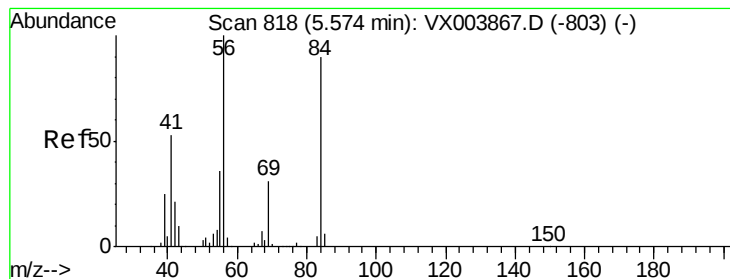
85 65.1 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 19.03 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

ClientSampled :

VX0807WBSD01

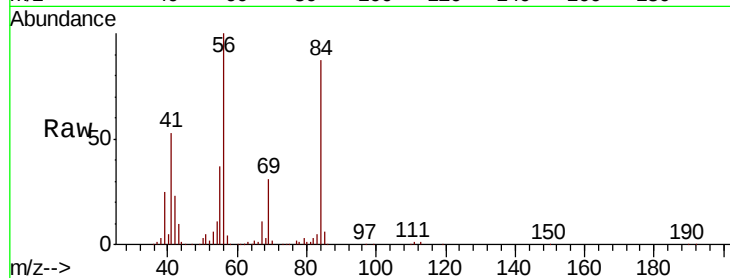
Tot Ion: 56 Resp: 124482

Ion Ratio Lower Upper

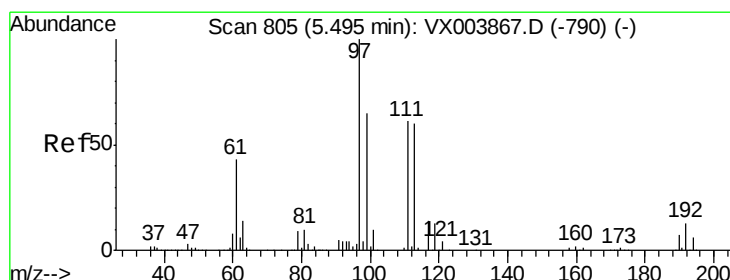
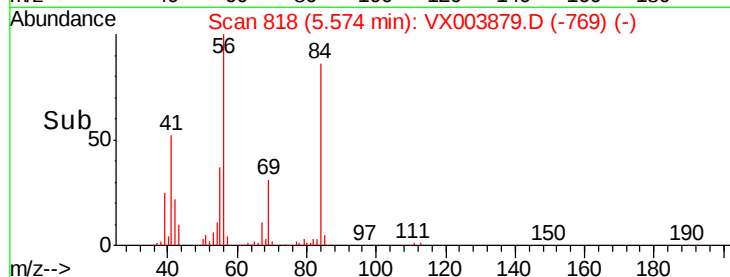
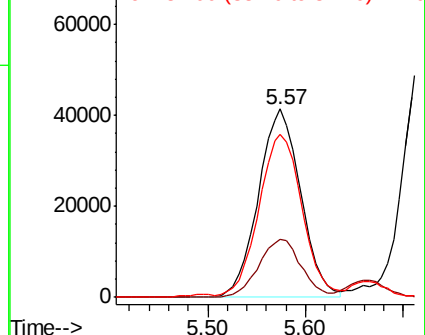
56 100

69 30.8 24.9 37.3

84 85.3 71.7 107.5



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



#32

1,1,1-Trichloroethane

Concen: 19.94 ug/l

RT: 5.49 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

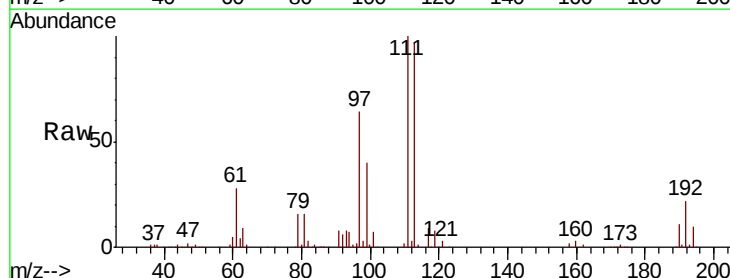
Tgt Ion: 97 Resp: 121783

Ion Ratio Lower Upper

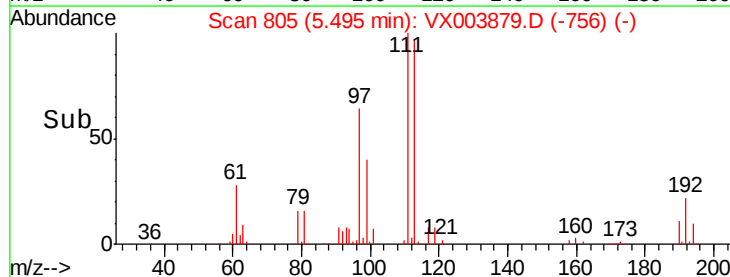
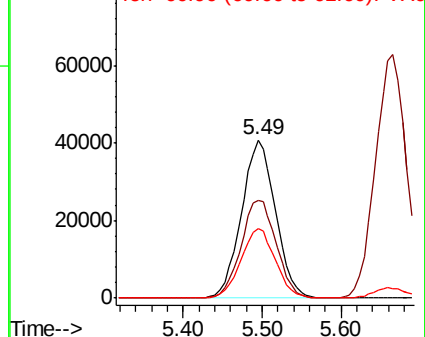
97 100

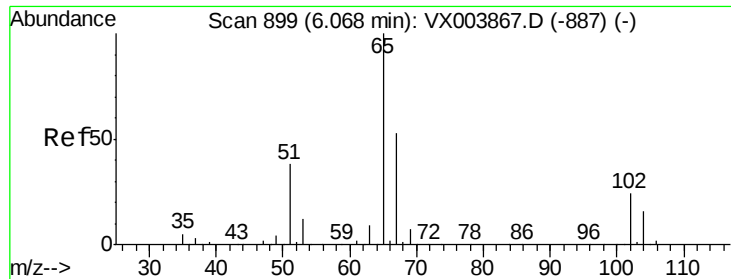
99 64.1 51.8 77.8

61 44.5 34.4 51.6



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

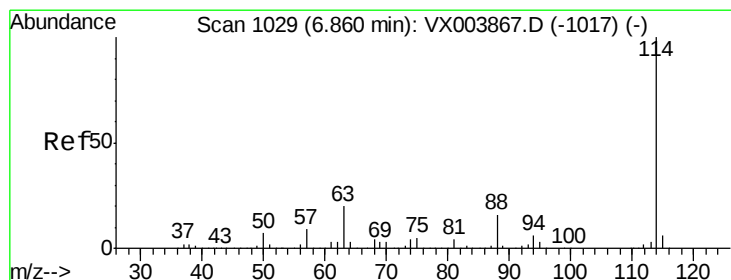
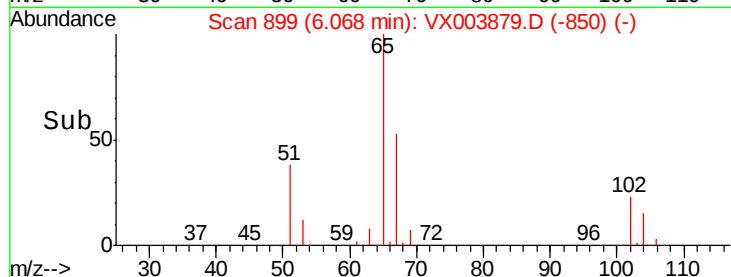
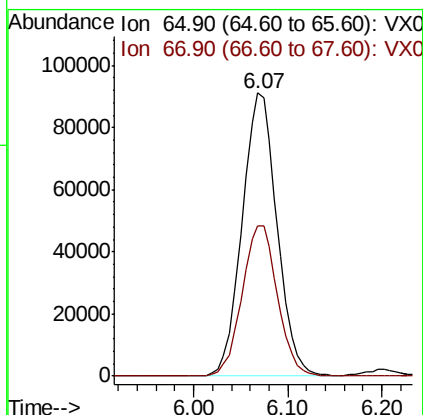
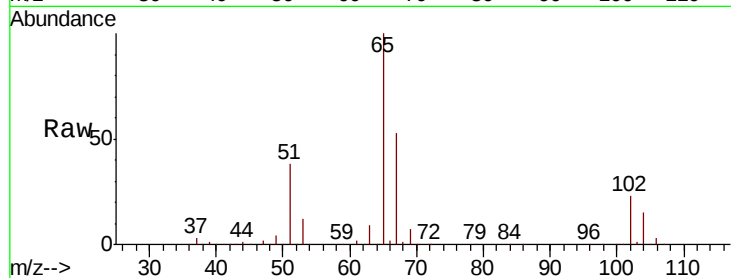




#33
 1,2-Dichloroethane-d4
 Concen: 52.05 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003879.D
 Acq: 07 Aug 2018 14:19

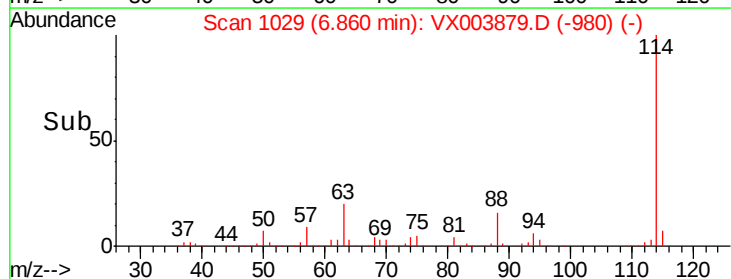
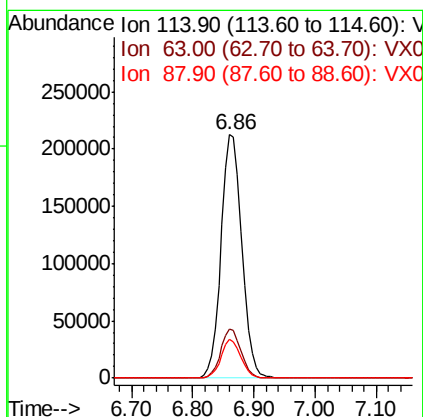
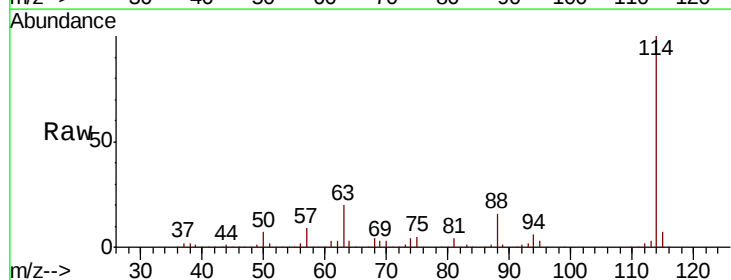
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD01

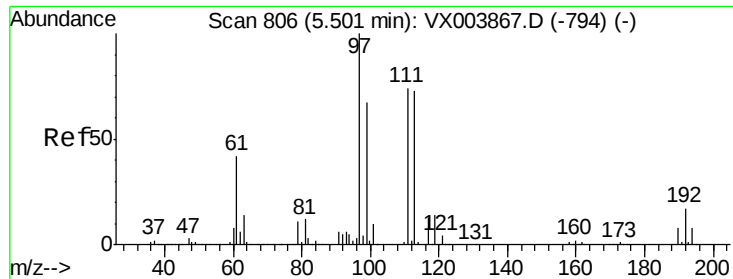
Tot Ion: 65 Resp: 236230
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX003879.D
 Acq: 07 Aug 2018 14:19

Tgt Ion: 114 Resp: 502063
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.0
 88 15.8 0.0 32.0

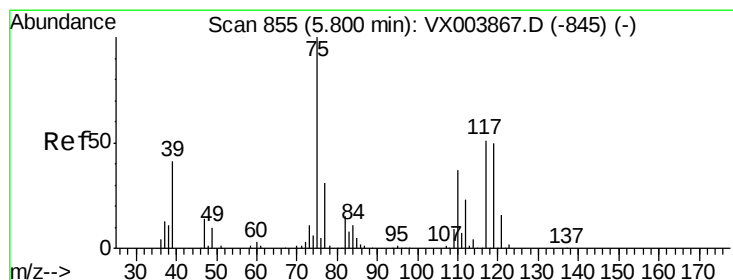
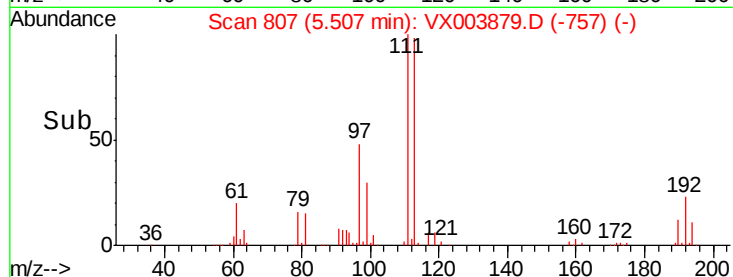
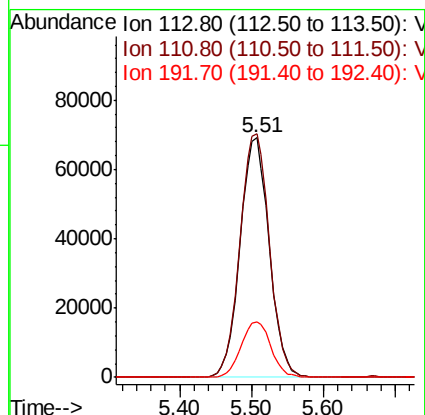
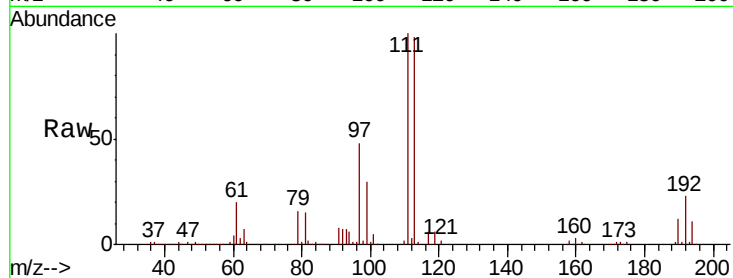




#35
 Dibromofluoromethane
 Concen: 51.13 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX003879.D
 Acq: 07 Aug 2018 14:19

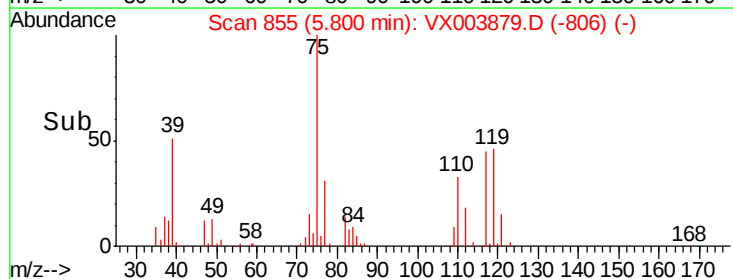
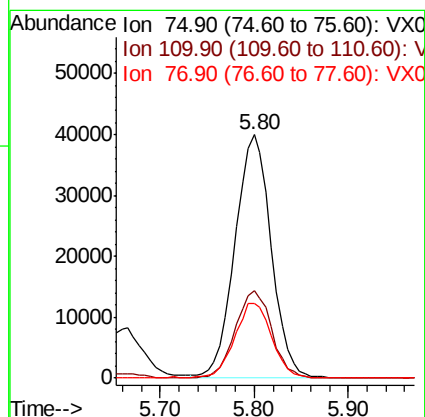
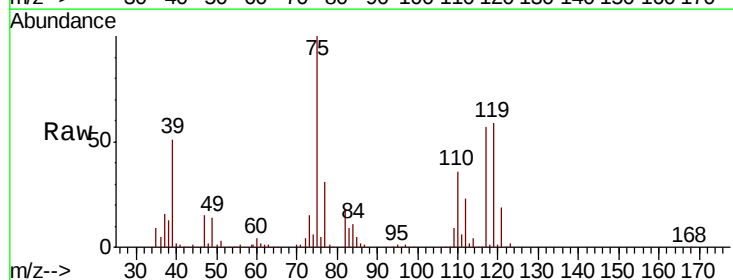
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD01

Tot Ion:113 Resp: 194476
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.0 123.0
 192 23.7 19.0 28.4



#36
 1,1-Dichloropropene
 Concen: 18.97 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003879.D
 Acq: 07 Aug 2018 14:19

Tgt Ion: 75 Resp: 106672
 Ion Ratio Lower Upper
 75 100
 110 36.3 18.2 54.6
 77 31.9 25.0 37.4

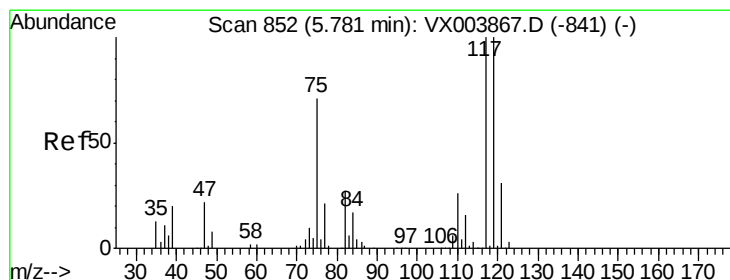
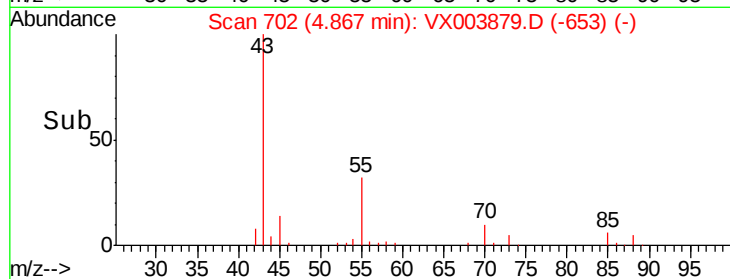
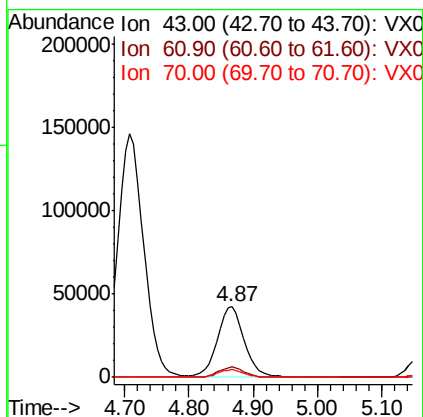
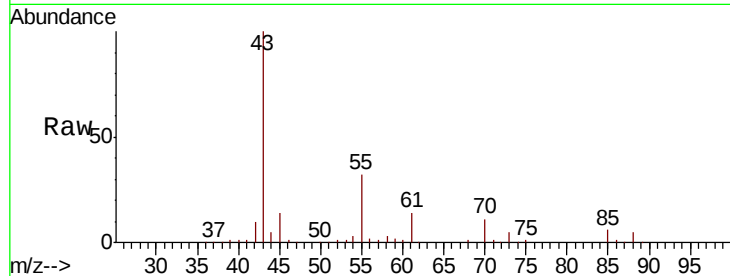




#37
Ethyl Acetate
Concen: 20.14 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

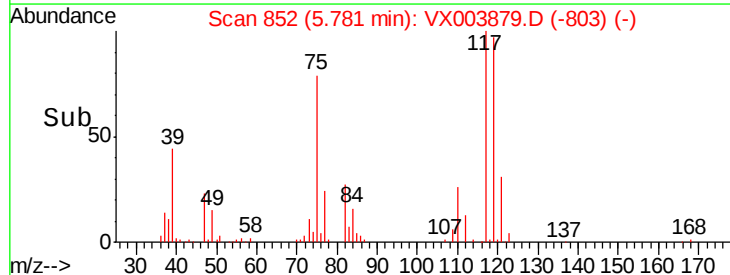
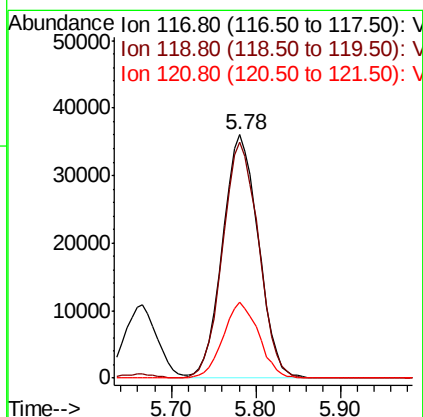
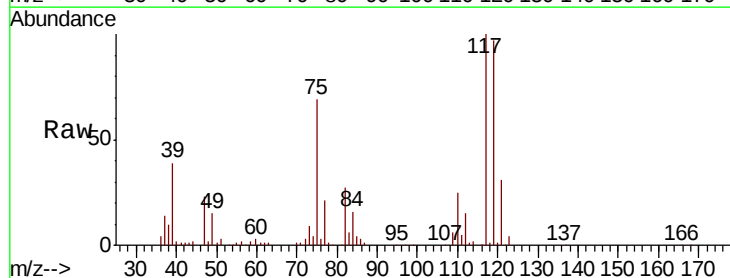
Instrument :
MSVOA_X
ClientSampled :
VX0807WBSD01

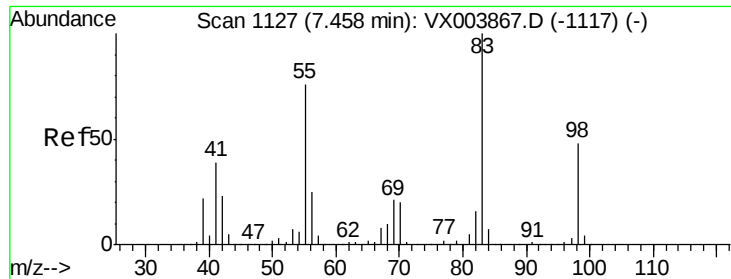
Tot Ion: 43 Resp: 124602
Ion Ratio Lower Upper
43 100
61 14.6 11.5 17.3
70 10.9 9.0 13.4



#38
Carbon Tetrachloride
Concen: 19.53 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Tgt Ion: 117 Resp: 104536
Ion Ratio Lower Upper
117 100
119 96.9 79.5 119.3
121 31.3 25.0 37.4

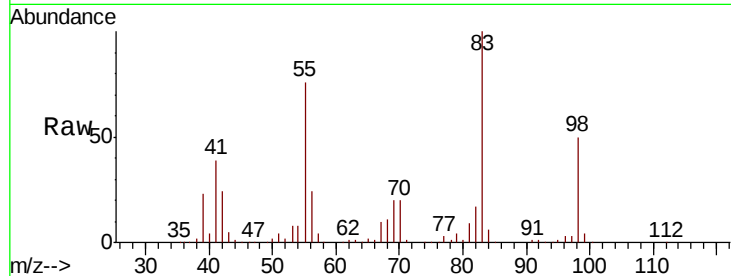




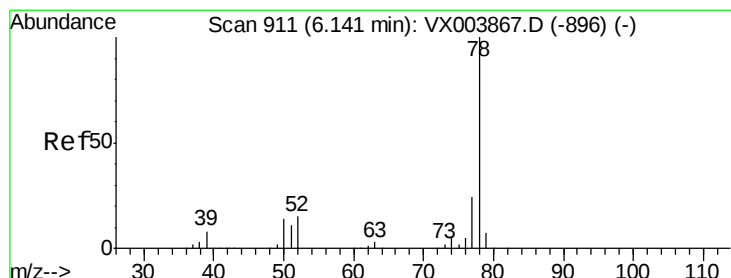
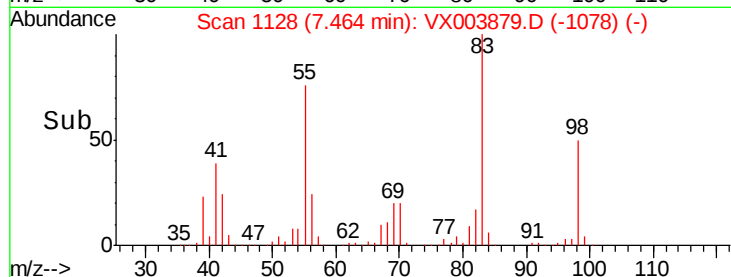
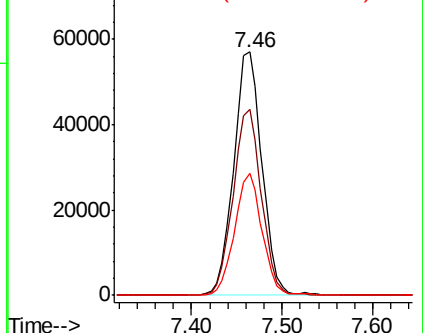
#39
Methylvlcyclohexane
Concen: 18.61 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD01

Tot Ion	83.00	Resp	123401
Ion	Ratio	Lower	Upper
83	100		
55	76.3	61.0	91.6
98	50.2	38.6	57.8

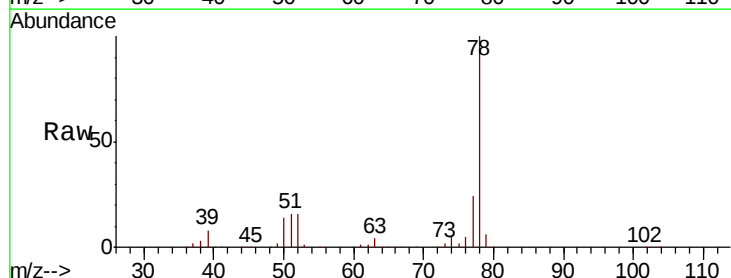


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

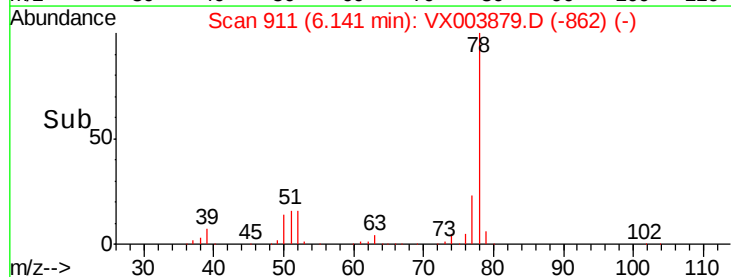
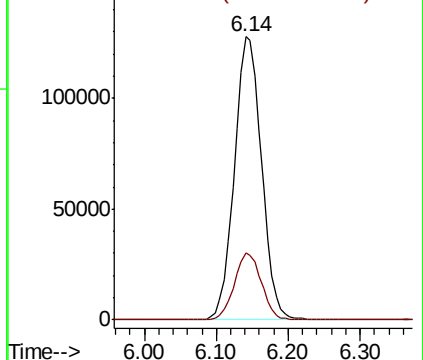


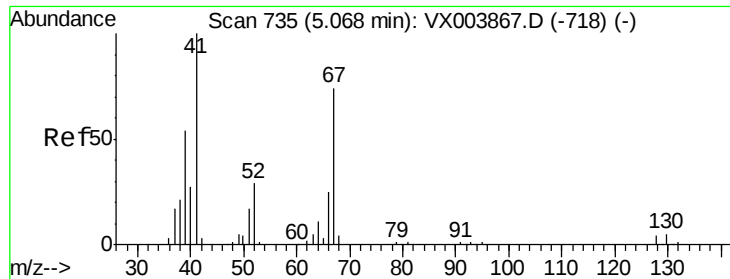
#40
Benzene
Concen: 19.78 ug/l
RT: 6.14 min Scan# 911
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Tgt Ion	78	Resp	334011
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.4



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

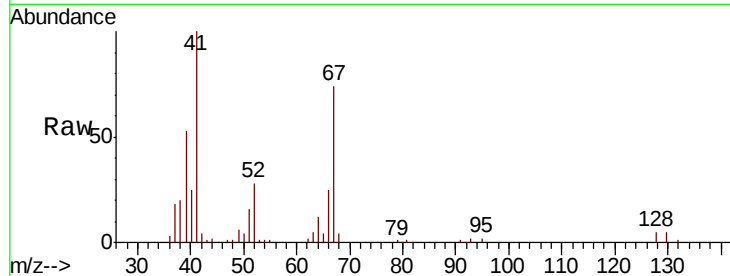




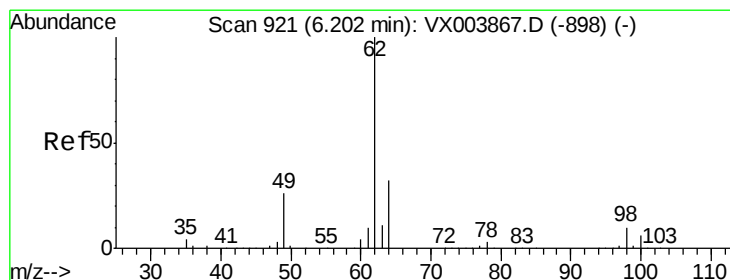
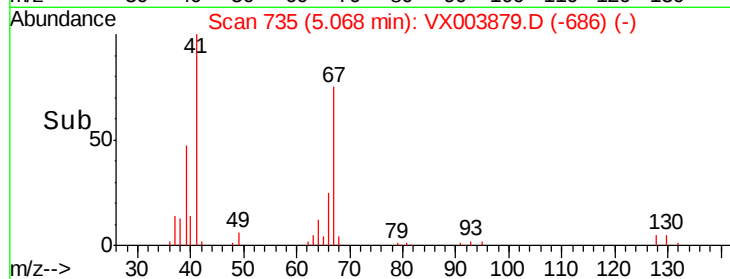
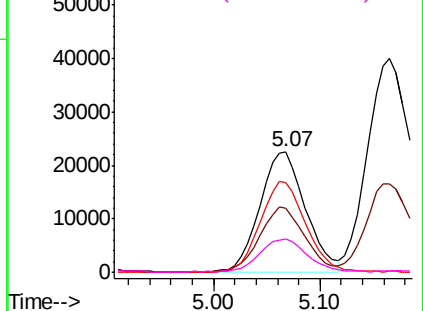
#41
Methacrylonitrile
Concen: 19.82 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Instrument :
MSVOA_X
ClientSampleID :
VX0807WBSD01

Tot Ion:	41	Resp:	67512
Ion	Ratio	Lower	Upper
41	100		
39	53.0	42.7	64.1
67	74.8	58.9	88.3
52	28.5	22.6	33.8

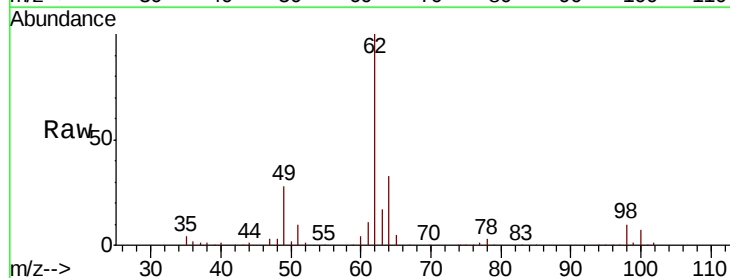


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

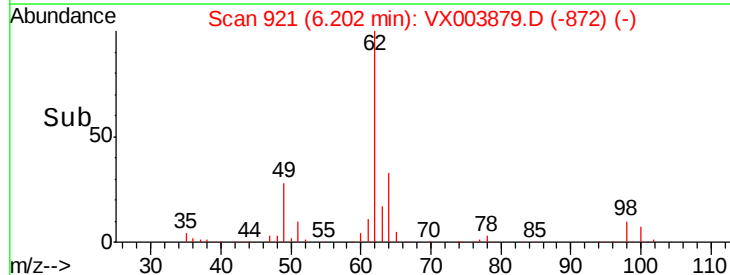
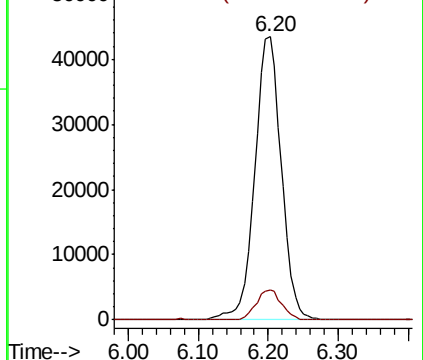


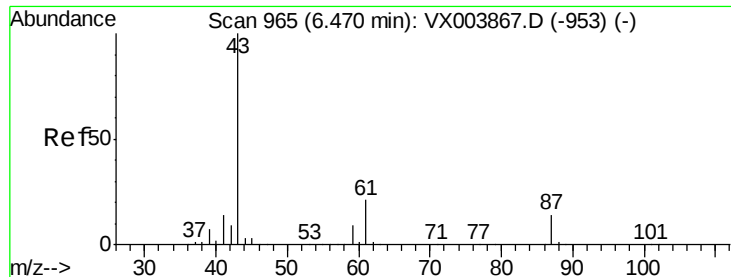
#42
1,2-Dichloroethane
Concen: 19.94 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Tgt Ion:	62	Resp:	113858
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4



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





#43

Isopropyl Acetate

Concen: 19.58 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD01

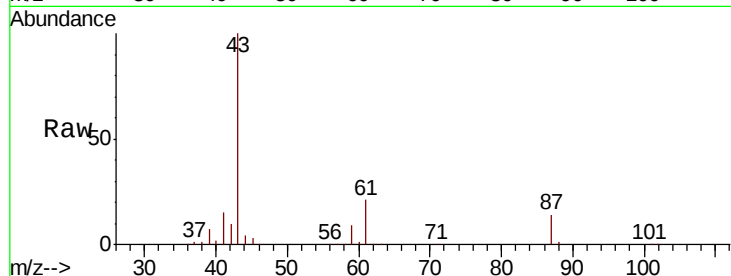
Tot Ion: 43 Resp: 182287

Ion Ratio Lower Upper

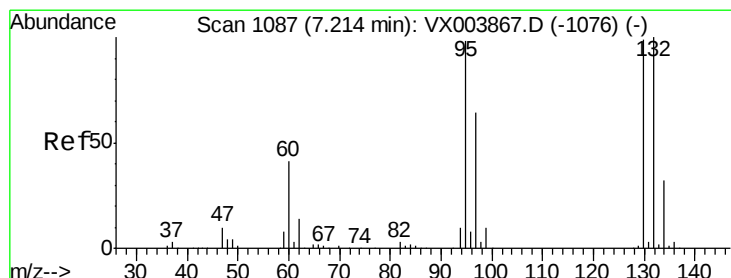
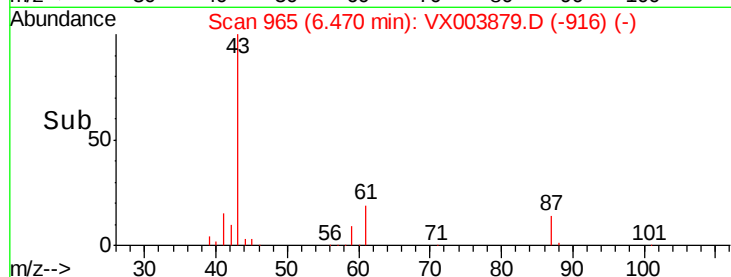
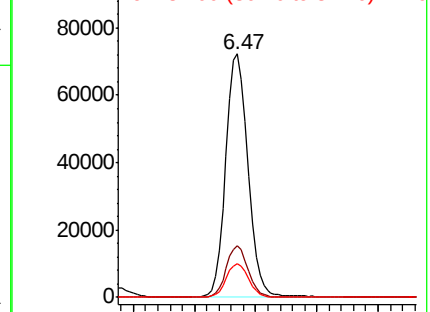
43 100

61 20.9 16.9 25.3

87 14.0 11.3 16.9



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: 18.89 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003879.D

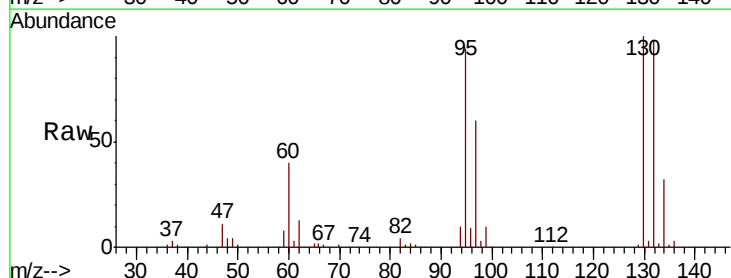
Acq: 07 Aug 2018 14:19

Tgt Ion:130 Resp: 87239

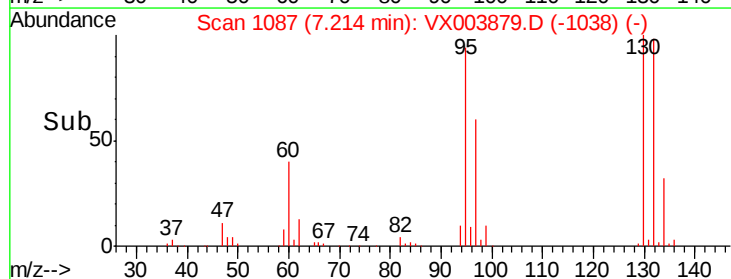
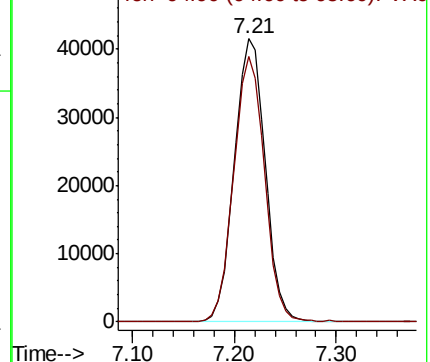
Ion Ratio Lower Upper

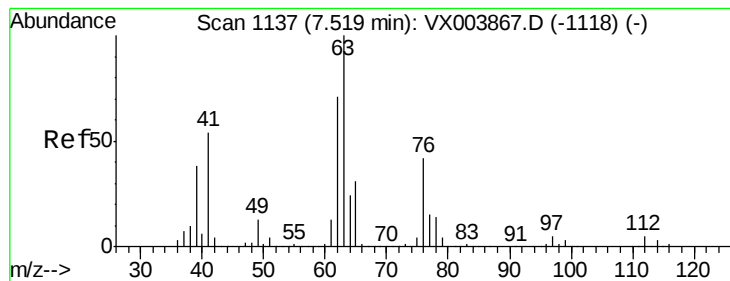
130 100

95 93.9 0.0 199.4



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





#45

1,2-Dichloropropane

Concen: 19.35 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

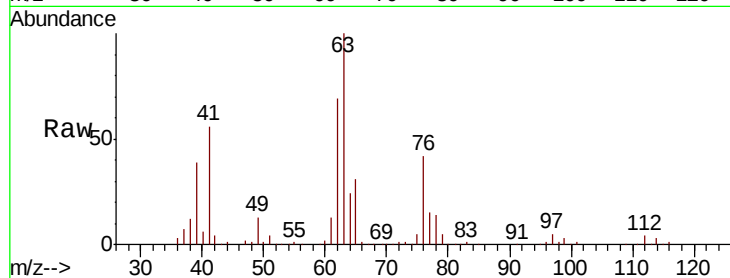
VX0807WBSD01

Tot Ion: 63 Resp: 84365

Ion Ratio Lower Upper

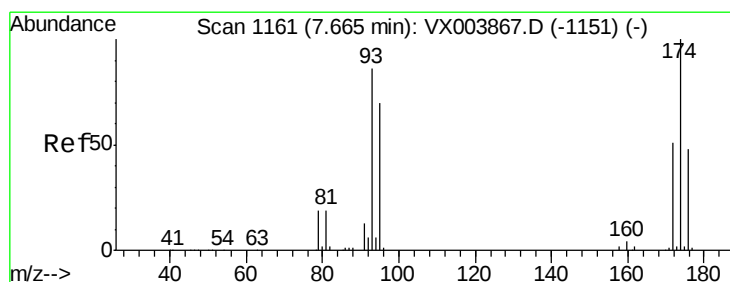
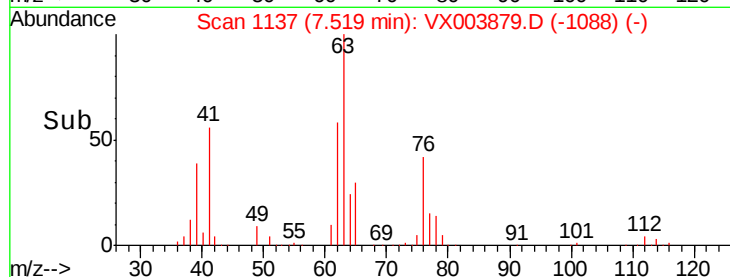
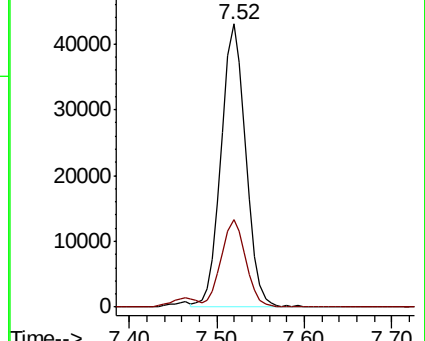
63 100

65 31.0 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.60 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

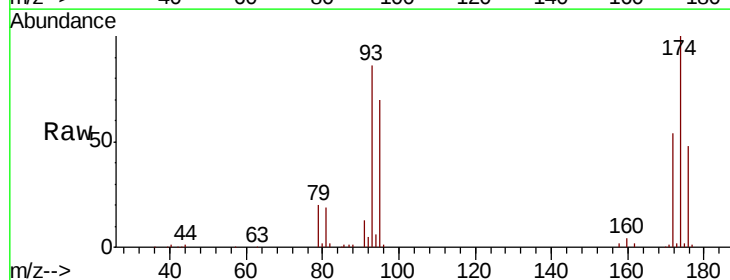
Tgt Ion: 93 Resp: 55498

Ion Ratio Lower Upper

93 100

95 83.0 66.4 99.6

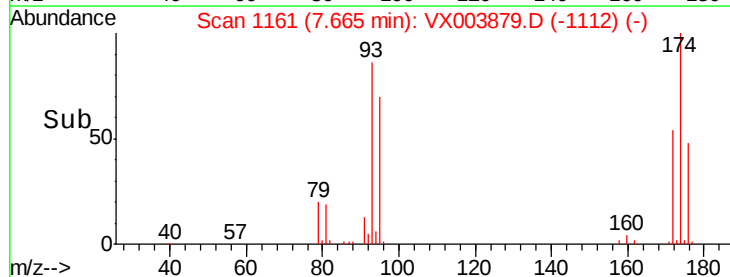
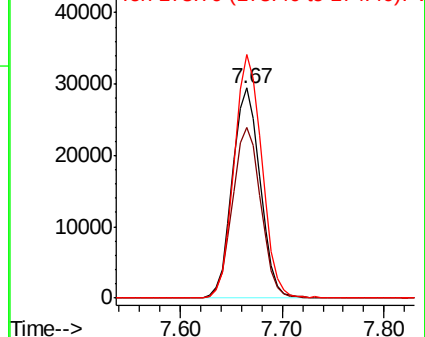
174 115.8 94.3 141.5

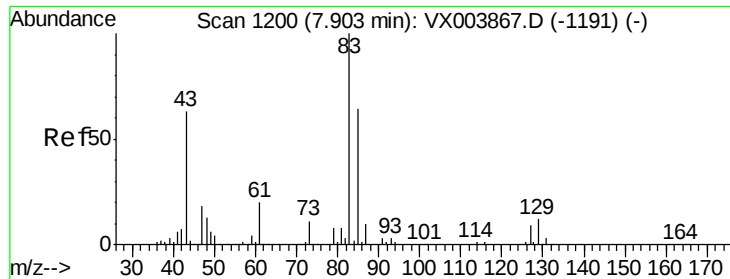


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.36 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD01

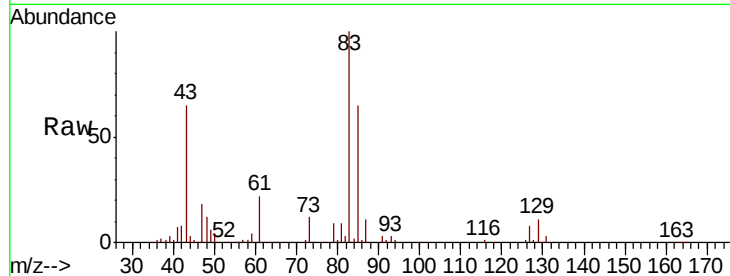
Tot Ion: 83 Resp: 103217

Ion Ratio Lower Upper

83 100

85 64.9 51.2 76.8

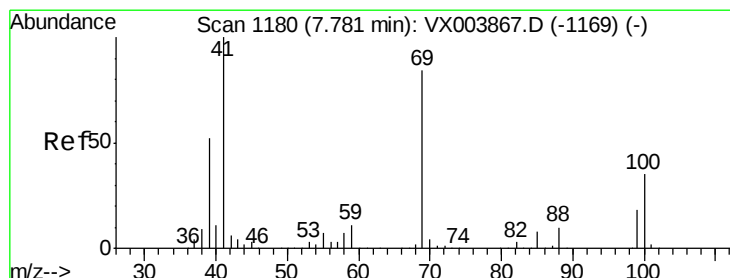
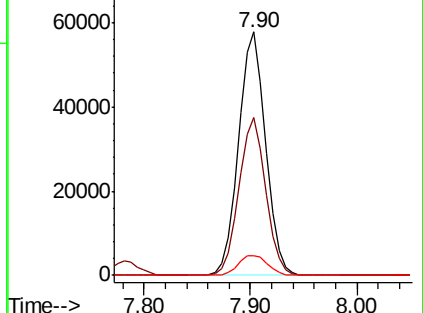
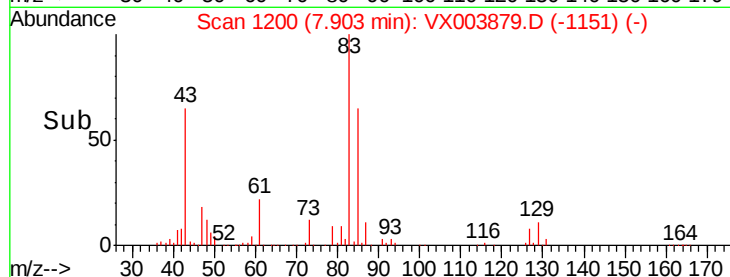
127 8.2 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.56 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

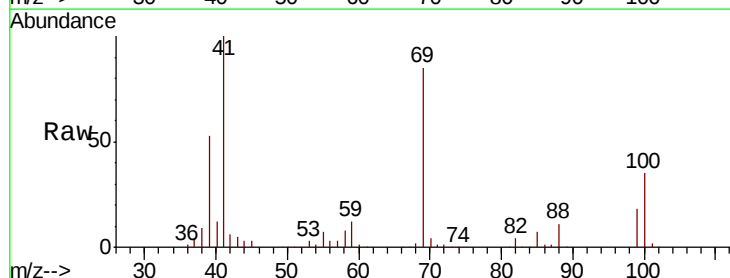
Tgt Ion: 41 Resp: 92544

Ion Ratio Lower Upper

41 100

69 87.1 68.8 103.2

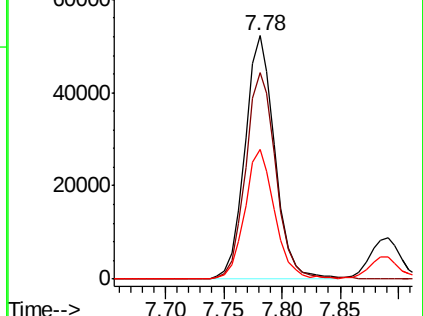
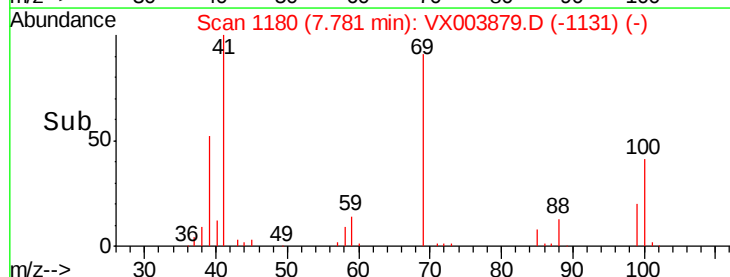
39 53.4 42.3 63.5

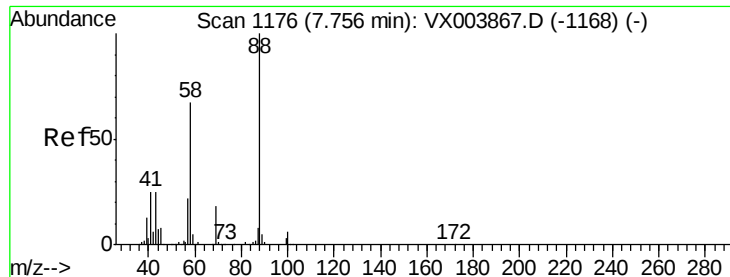


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

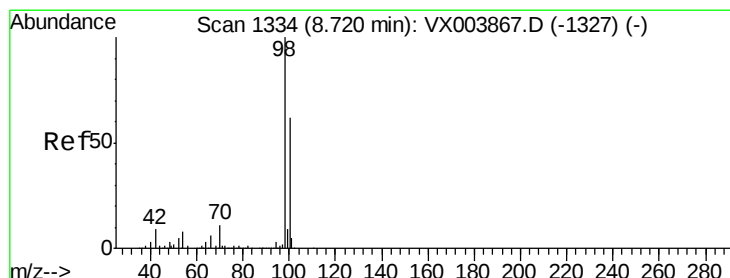
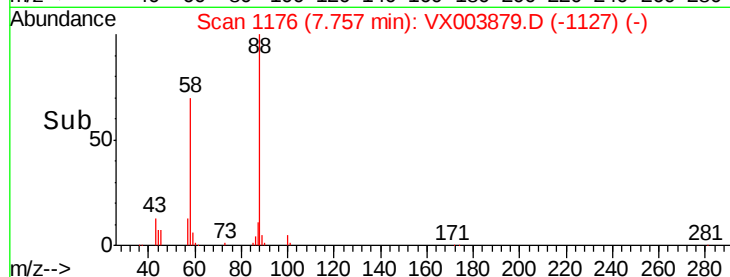
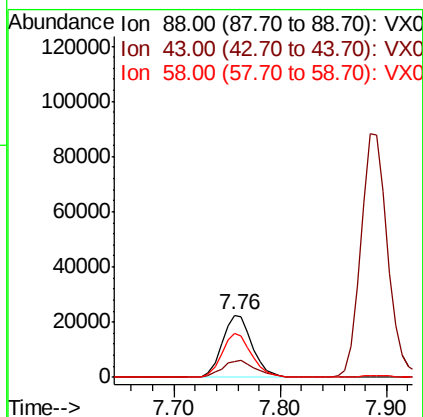
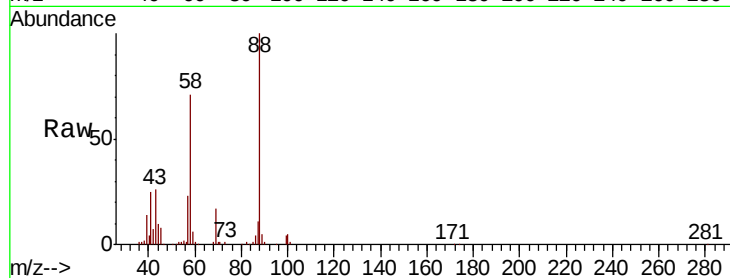




#49
 1,4-Dioxane
 Concen: 395.95 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: VX003879.D
 Acq: 07 Aug 2018 14:19

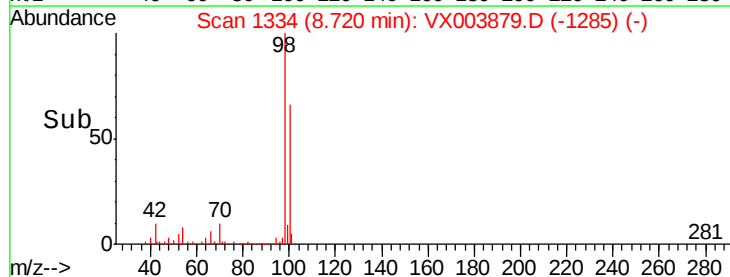
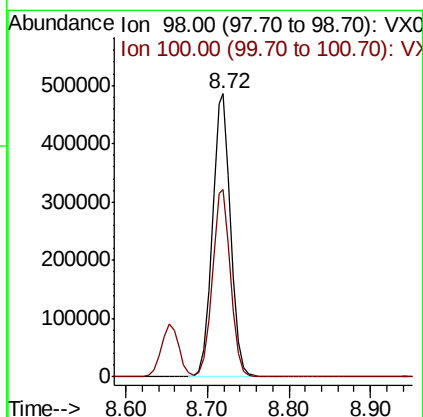
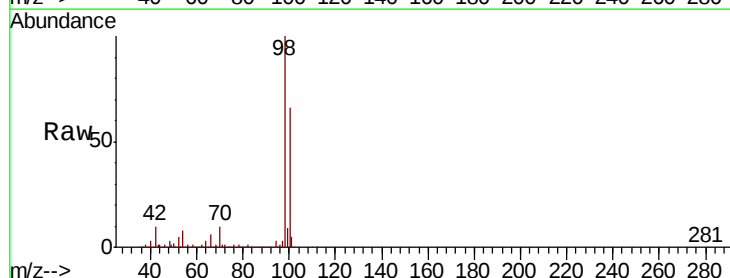
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD01

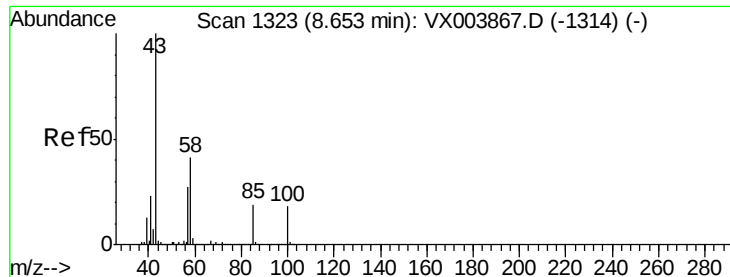
Tot Ion: 88 Resp: 44134
 Ion Ratio Lower Upper
 88 100
 43 31.2 23.8 35.8
 58 71.3 55.4 83.0



#50
 Toluene-d8
 Concen: 51.44 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003879.D
 Acq: 07 Aug 2018 14:19

Tgt Ion: 98 Resp: 760866
 Ion Ratio Lower Upper
 98 100
 100 66.2 53.3 79.9





#51

4-Methyl-2-Pentanone

Concen: 102.62 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

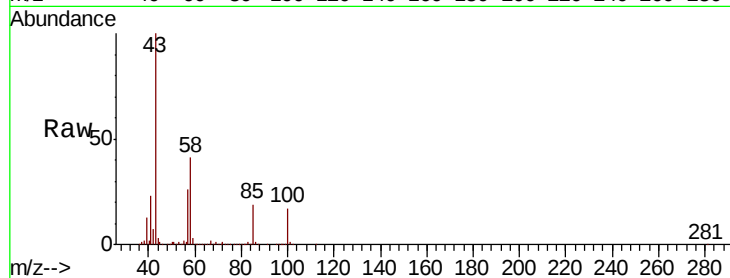
VX0807WBSD01

Tot Ion: 43 Resp: 791782

Ion Ratio Lower Upper

43 100

58 41.0 33.0 49.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

500000

400000

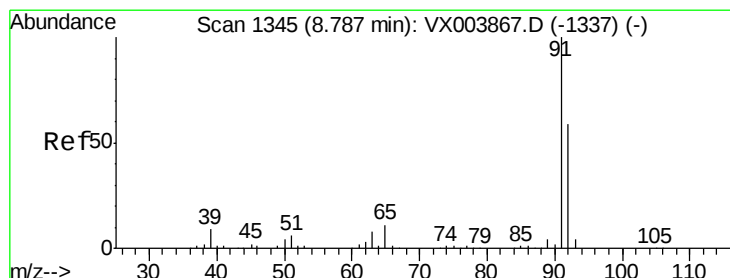
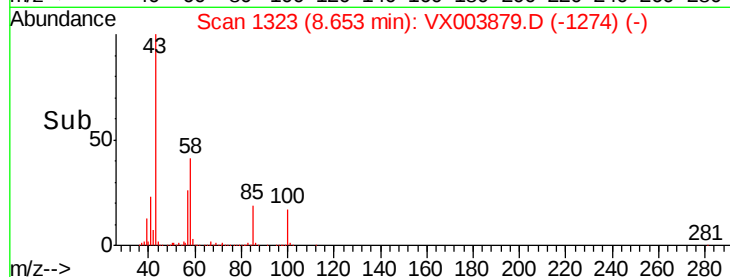
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 19.90 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003879.D

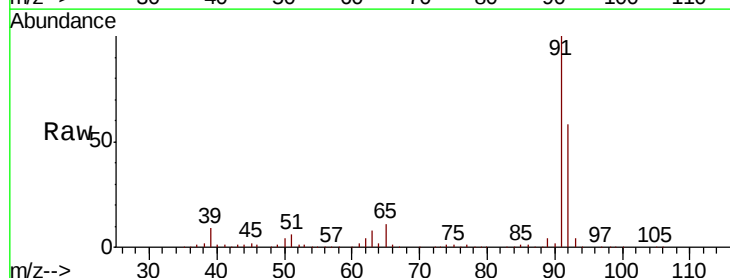
Acq: 07 Aug 2018 14:19

Tgt Ion: 92 Resp: 212357

Ion Ratio Lower Upper

92 100

91 170.4 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

250000

200000

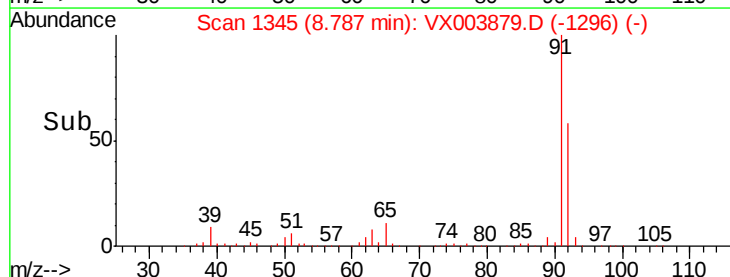
150000

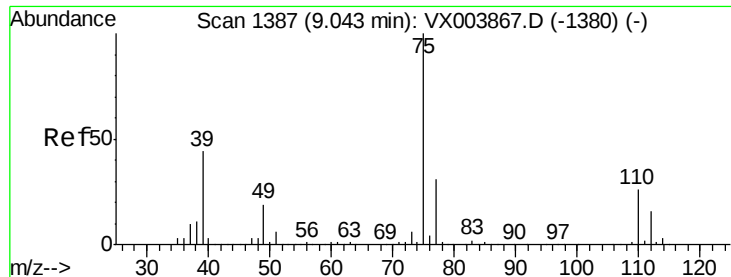
100000

50000

0

Time-->

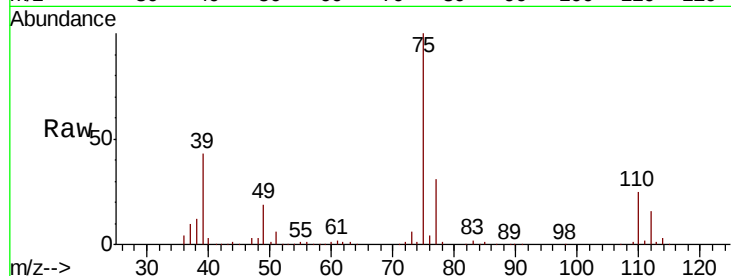




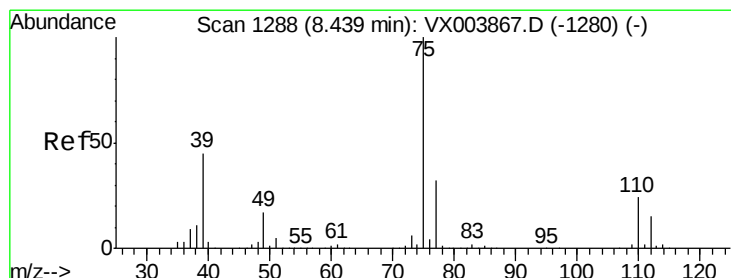
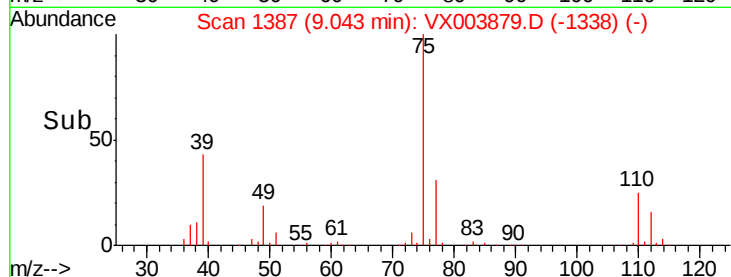
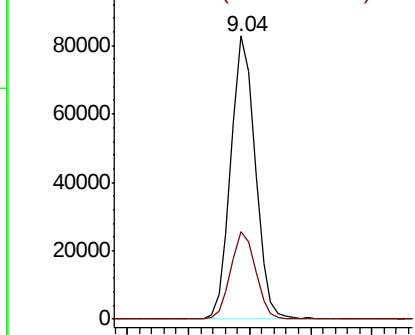
#53
 t-1,3-Dichloropropene
 Concen: 18.97 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VX003879.D
 Acq: 07 Aug 2018 14:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD01

Tot Ion: 75 Resp: 114337
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.1 37.7

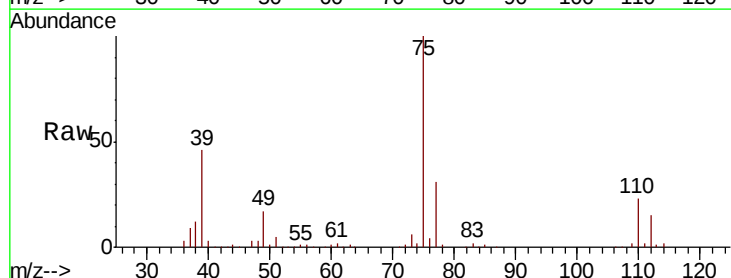


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 76.90 (76.60 to 77.60): VX0

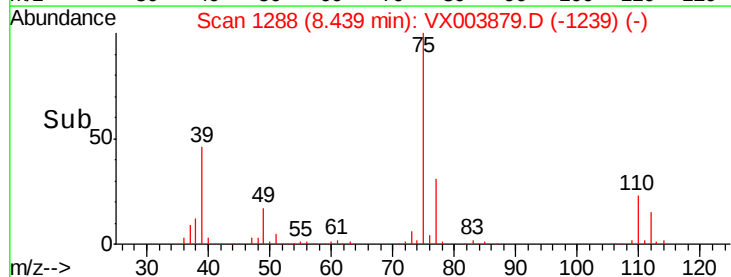
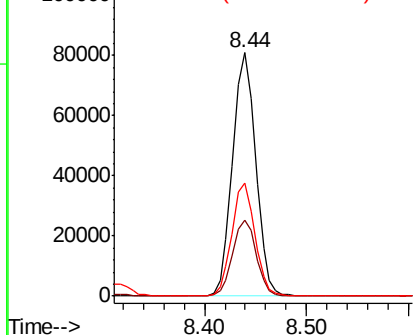


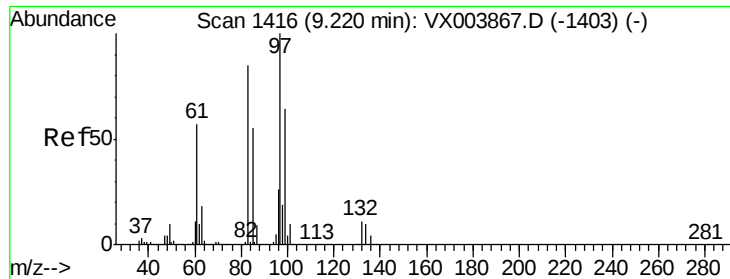
#54
 cis-1,3-Dichloropropene
 Concen: 19.55 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003879.D
 Acq: 07 Aug 2018 14:19

Tgt Ion: 75 Resp: 127093
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.3 37.9
 39 46.2 36.2 54.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 76.90 (76.60 to 77.60): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 20.14 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD01

Tot Ion: 97 Resp: 87789

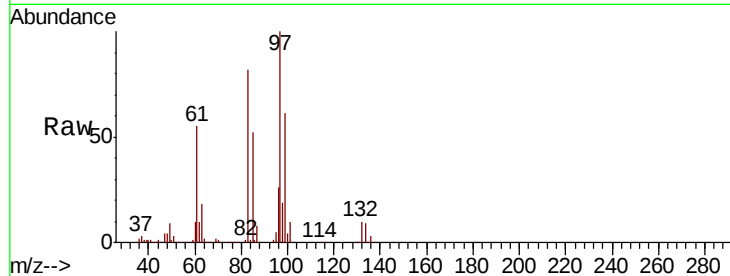
Ion Ratio Lower Upper

97 100

83 81.5 67.8 101.6

85 52.0 44.2 66.2

99 61.1 50.8 76.2

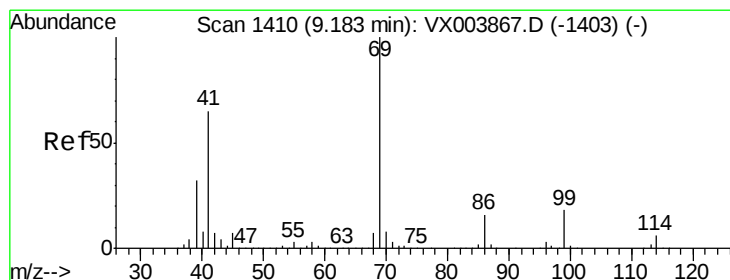
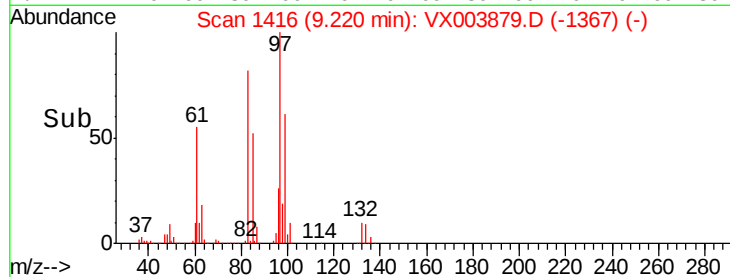
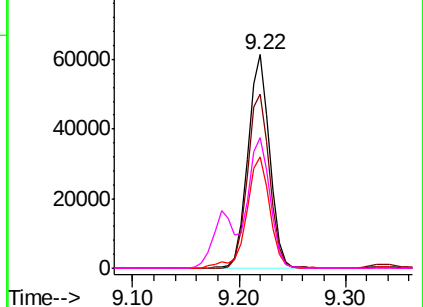


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 19.16 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

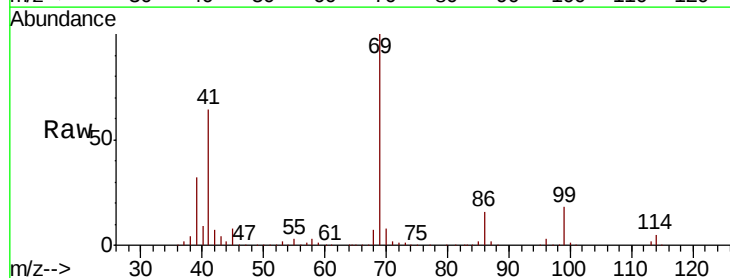
Tgt Ion: 69 Resp: 121200

Ion Ratio Lower Upper

69 100

41 63.8 50.6 76.0

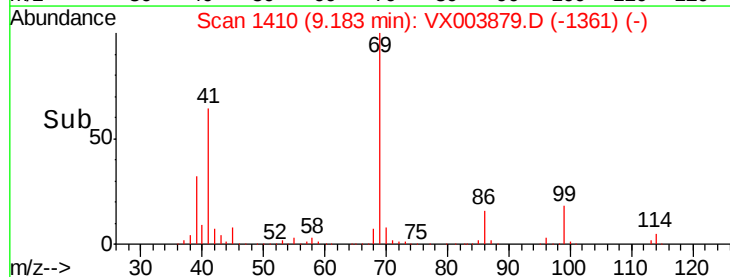
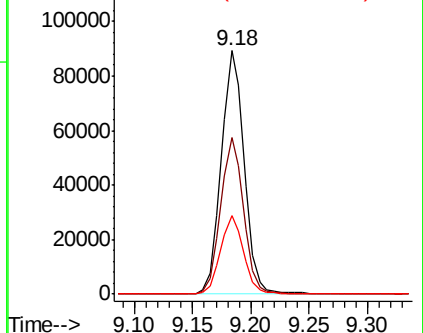
39 32.3 25.8 38.6

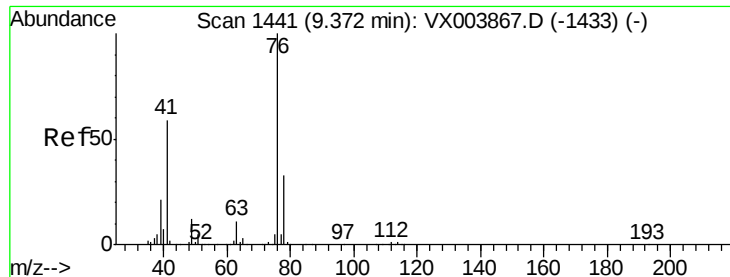


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.91 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

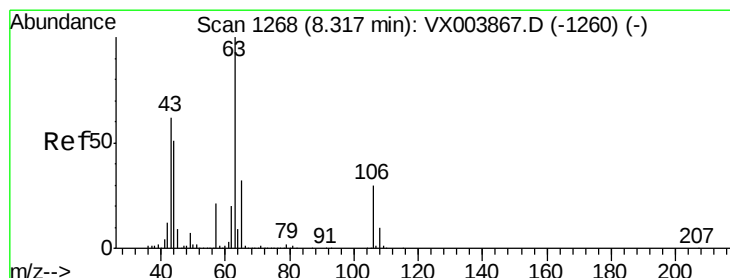
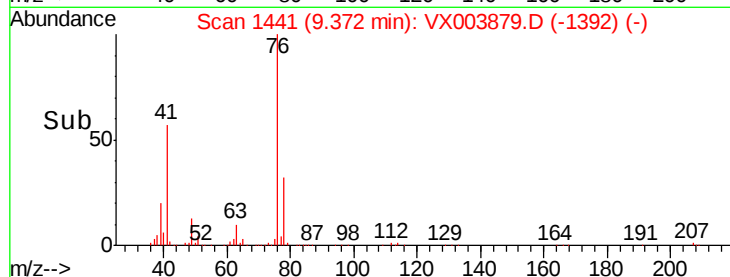
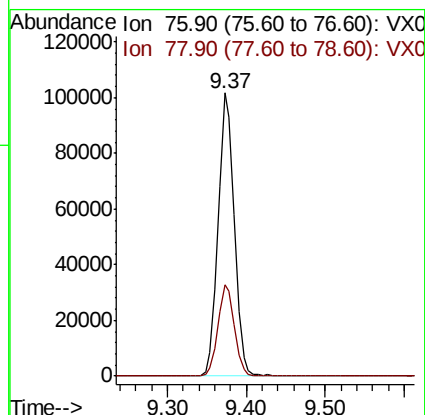
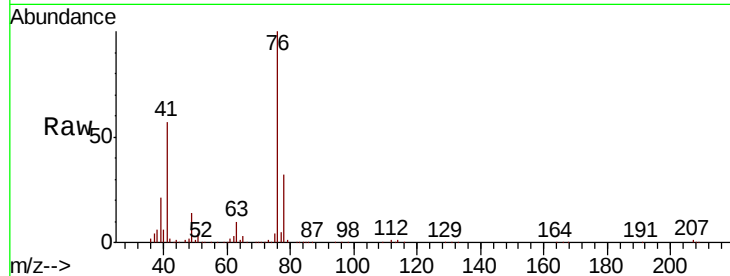
VX0807WBSD01

Tot Ion: 76 Resp: 145275

Ion Ratio Lower Upper

76 100

78 32.8 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 103.10 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003879.D

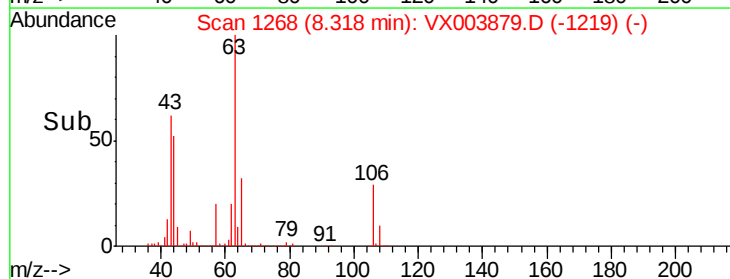
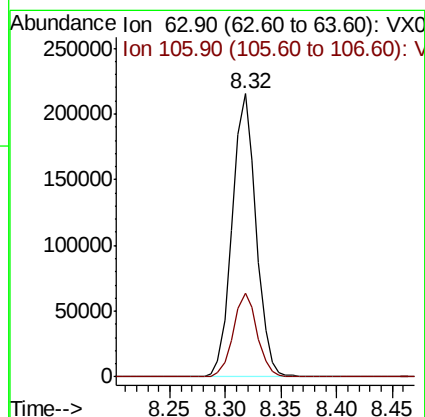
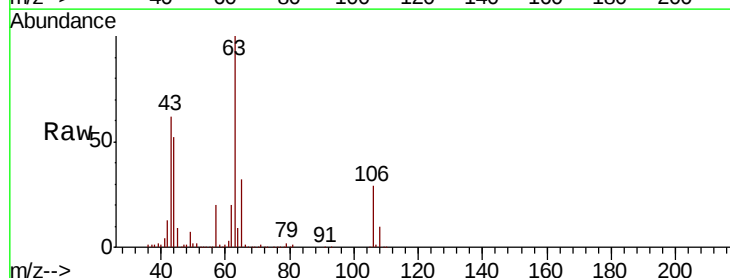
Acq: 07 Aug 2018 14:19

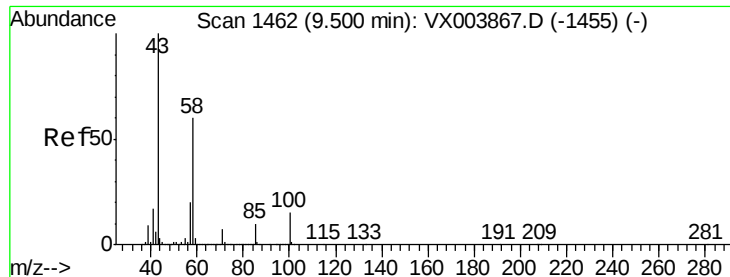
Tgt Ion: 63 Resp: 320686

Ion Ratio Lower Upper

63 100

106 29.5 23.8 35.8

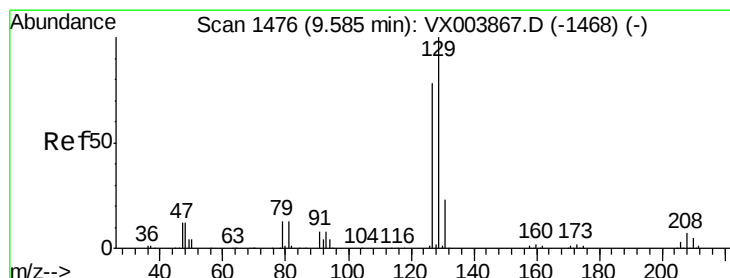
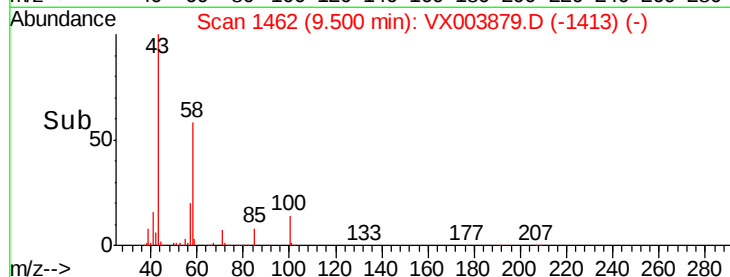
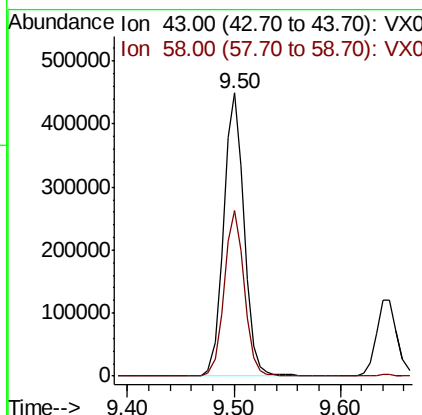
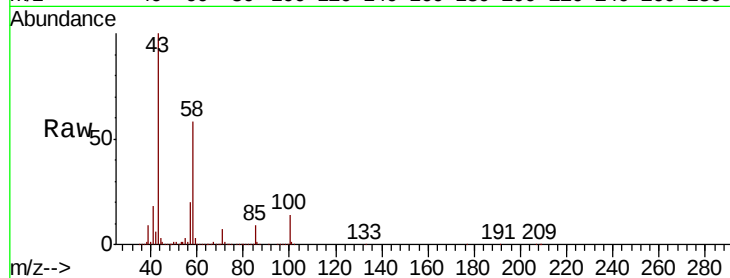




#59
2-Hexanone
Concen: 104.73 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

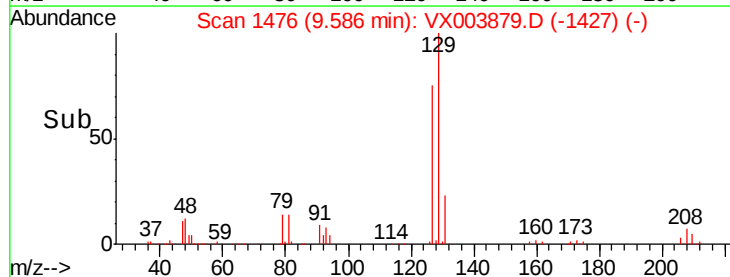
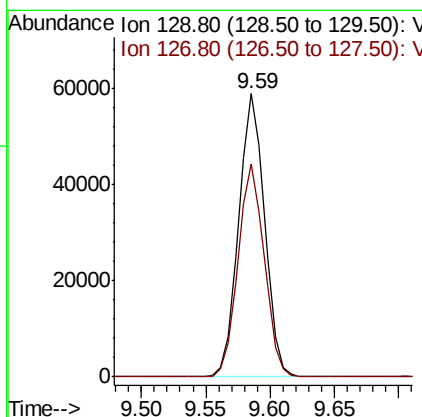
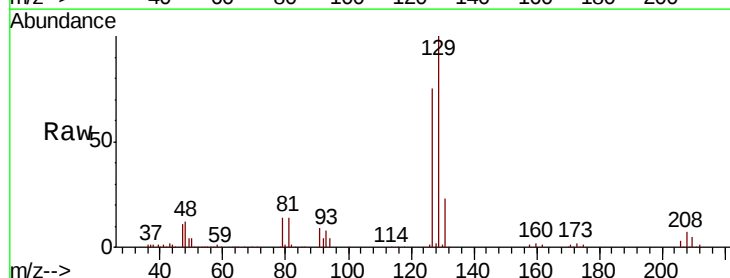
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD01

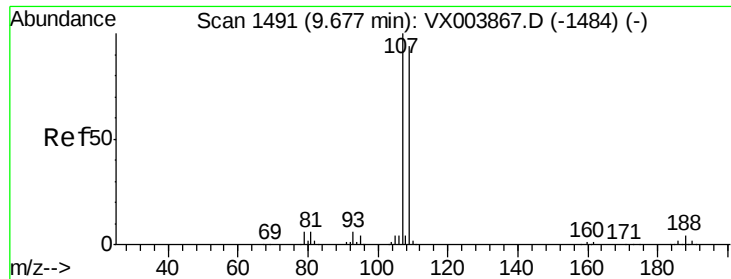
Tot Ion: 43 Resp: 604016
Ion Ratio Lower Upper
43 100
58 57.6 29.0 87.0



#60
Dibromochloromethane
Concen: 20.18 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Tgt Ion: 129 Resp: 82048
Ion Ratio Lower Upper
129 100
127 76.0 38.8 116.3





#61

1,2-Dibromoethane

Concen: 20.22 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

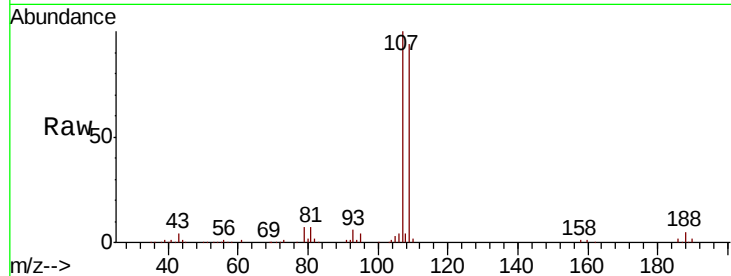
VX0807WBSD01

Tot Ion:107 Resp: 88270

Ion Ratio Lower Upper

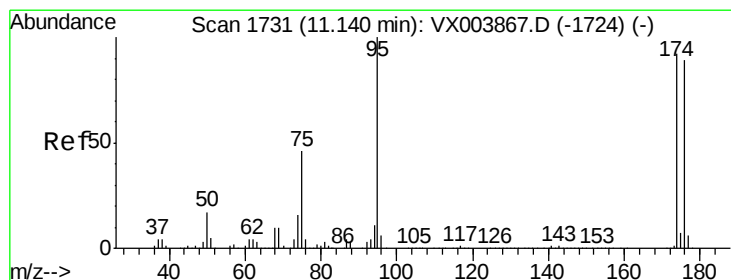
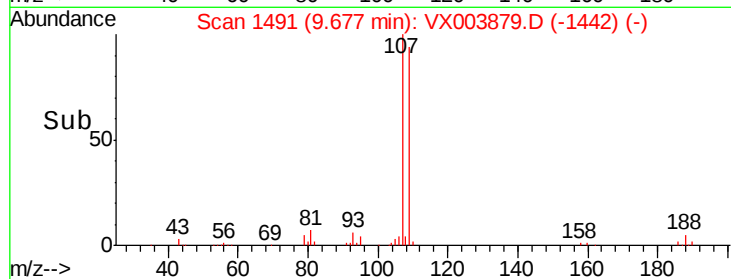
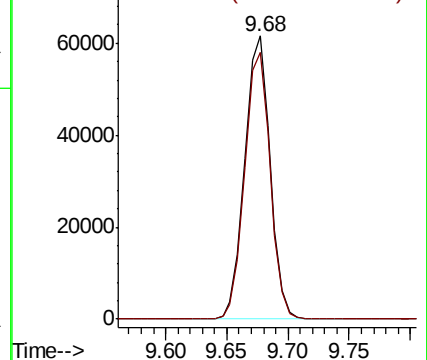
107 100

109 94.9 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 57.54 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

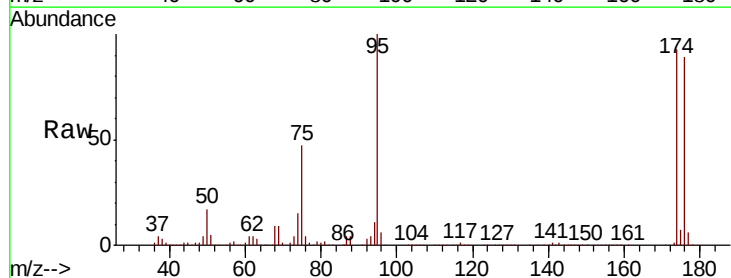
Tgt Ion: 95 Resp: 275387

Ion Ratio Lower Upper

95 100

174 90.7 0.0 182.8

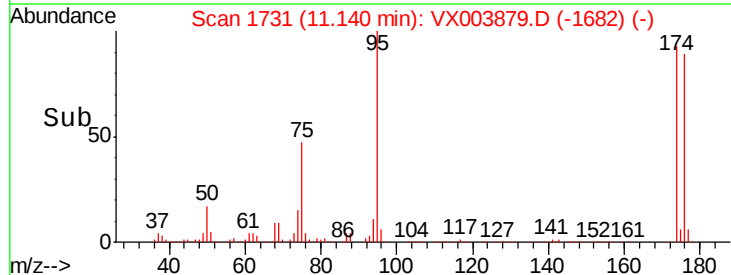
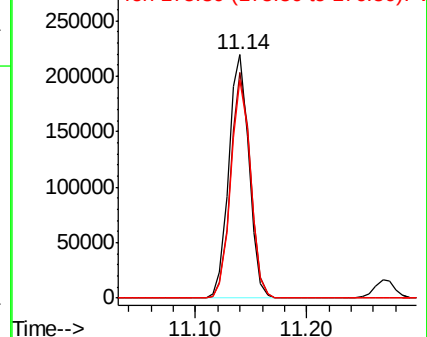
176 88.0 0.0 179.0

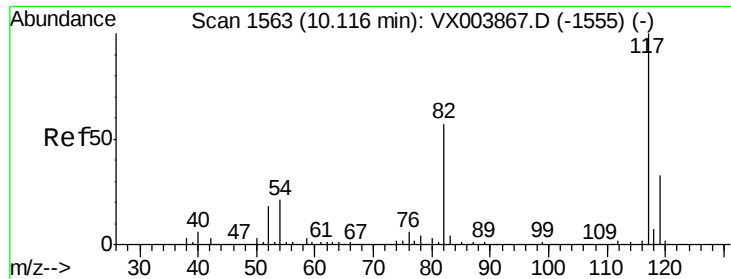


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

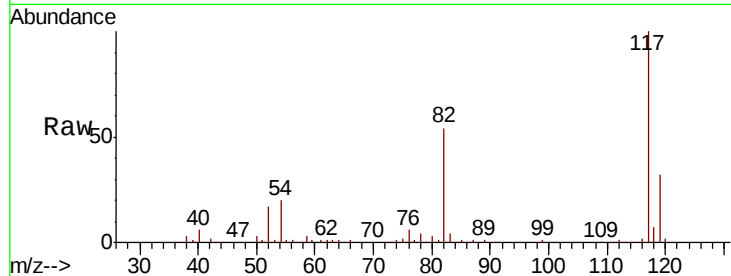




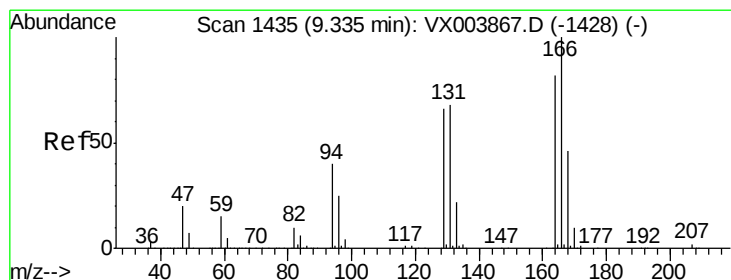
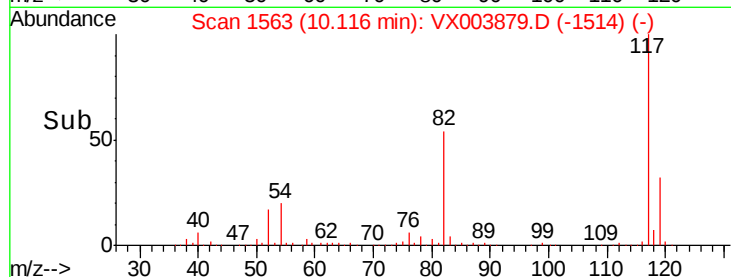
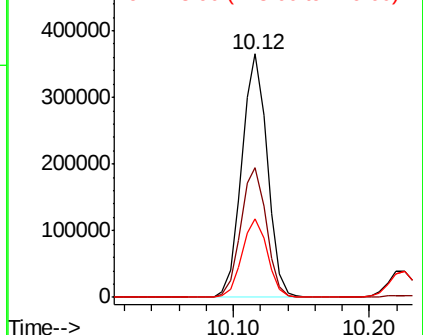
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD01

Tot Ion:117 Resp: 477163
Ion Ratio Lower Upper
117 100
82 53.5 45.4 68.0
119 32.0 26.6 40.0

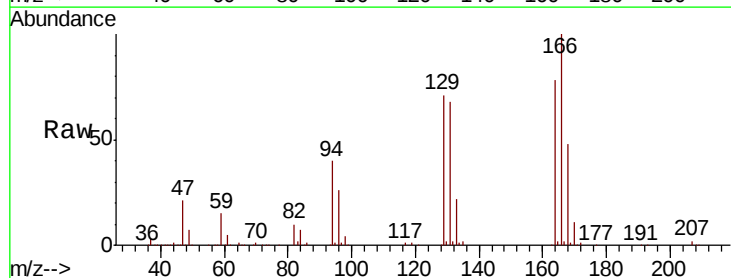


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

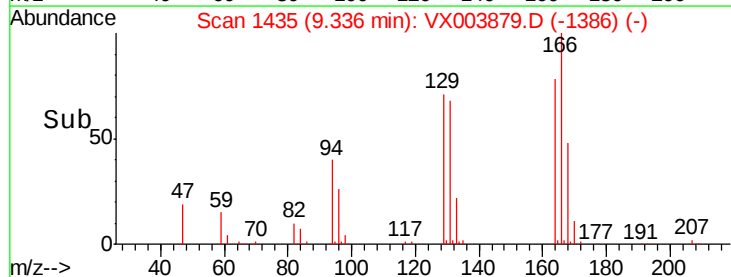
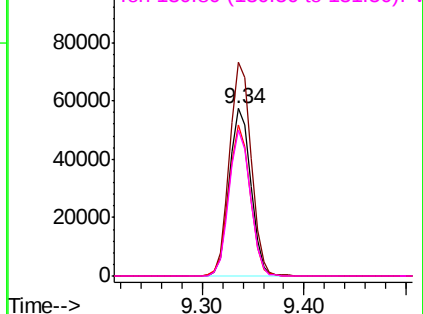


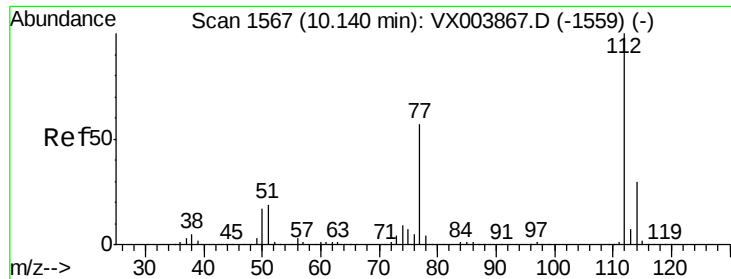
#64
Tetrachloroethene
Concen: 17.74 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Tgt Ion:164 Resp: 83261
Ion Ratio Lower Upper
164 100
166 127.7 98.0 147.0
129 90.4 64.3 96.5
131 87.4 66.8 100.2



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





#65

Chlorobenzene

Concen: 18.95 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

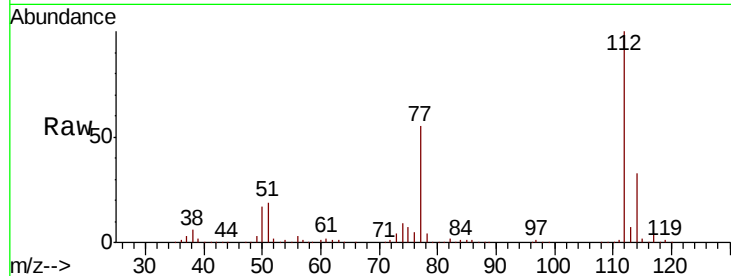
VX0807WBSD01

Tot Ion:112 Resp: 235238

Ion Ratio Lower Upper

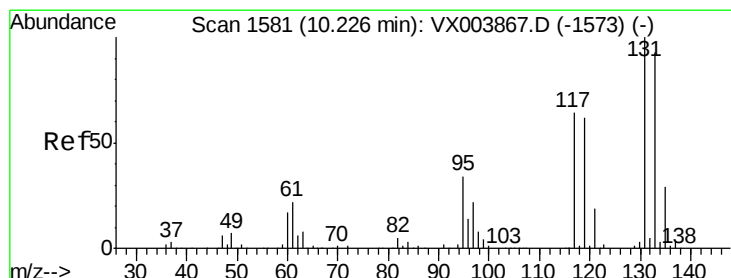
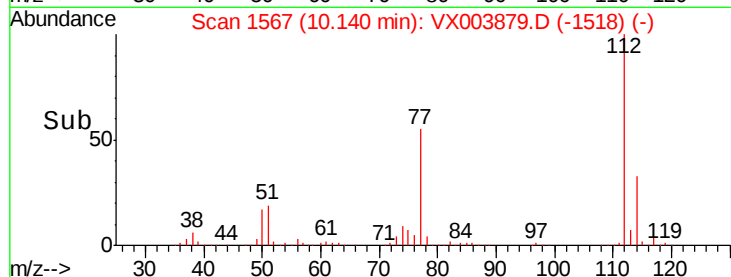
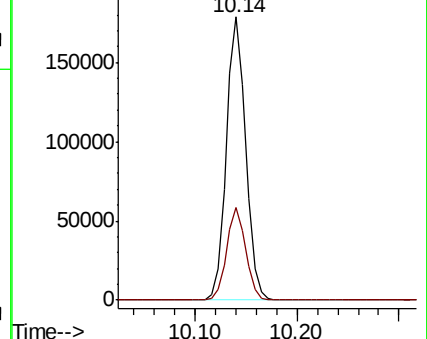
112 100

114 32.7 23.6 35.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.22 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

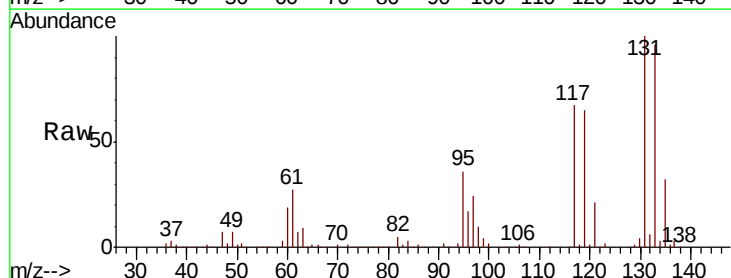
Tgt Ion:131 Resp: 82044

Ion Ratio Lower Upper

131 100

133 95.7 47.3 141.8

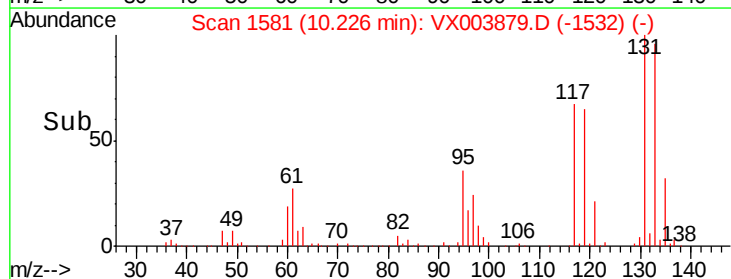
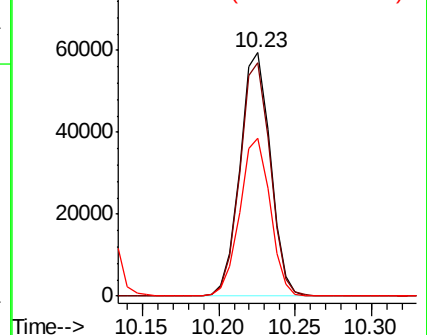
119 64.7 31.6 94.8

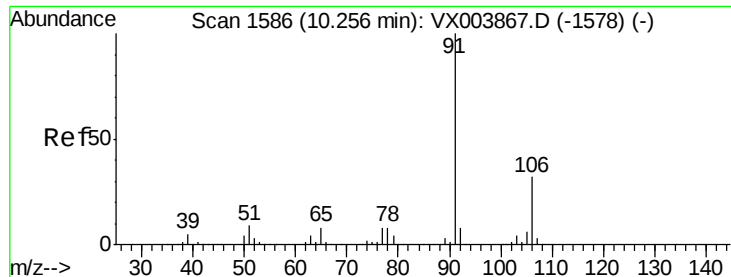


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.09 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

ClientSampled :

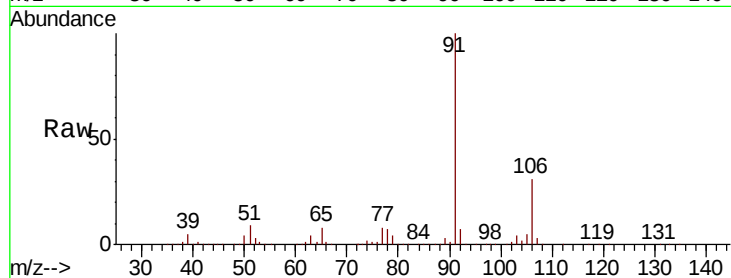
VX0807WBSD01

Tot Ion: 91 Resp: 387914

Ion Ratio Lower Upper

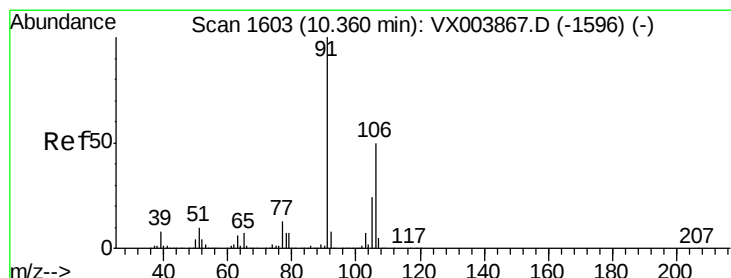
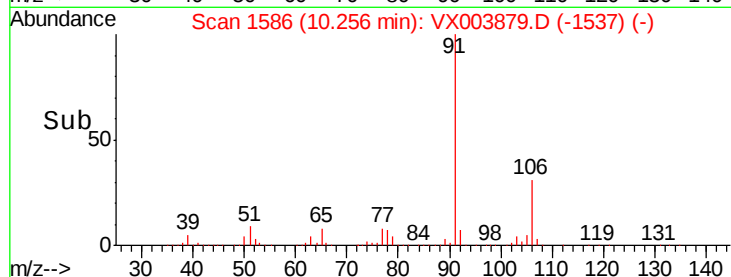
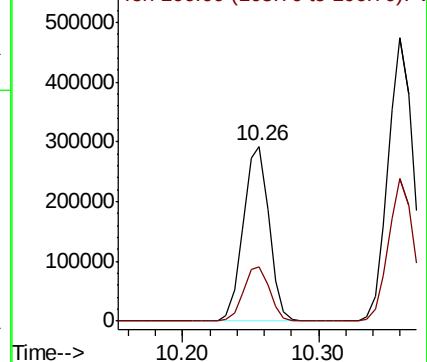
91 100

106 31.2 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 38.85 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003879.D

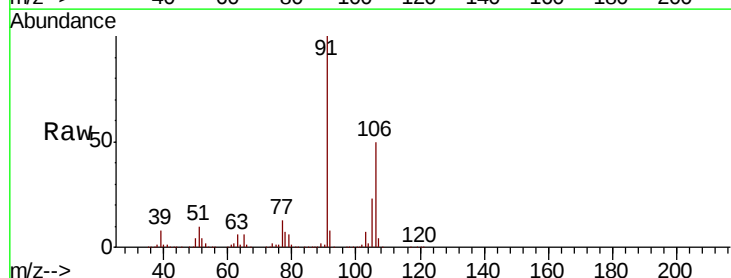
Acq: 07 Aug 2018 14:19

Tgt Ion: 106 Resp: 308506

Ion Ratio Lower Upper

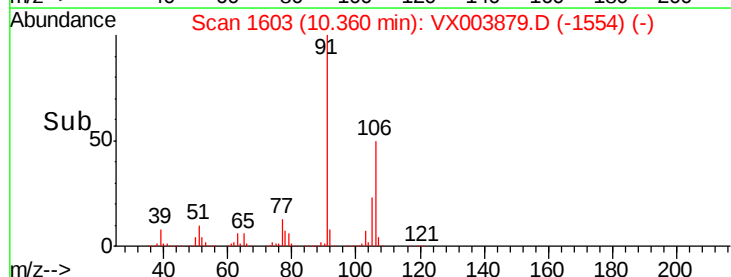
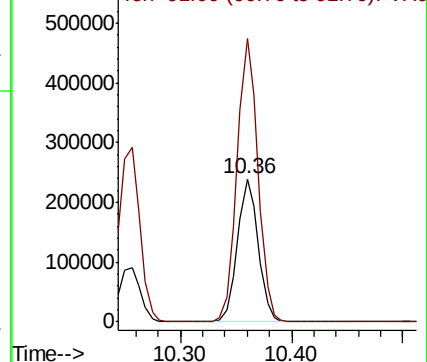
106 100

91 199.4 162.3 243.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

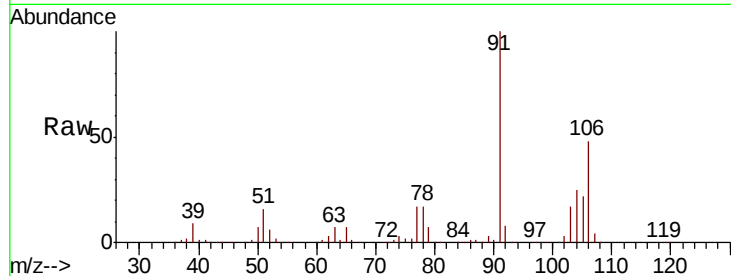




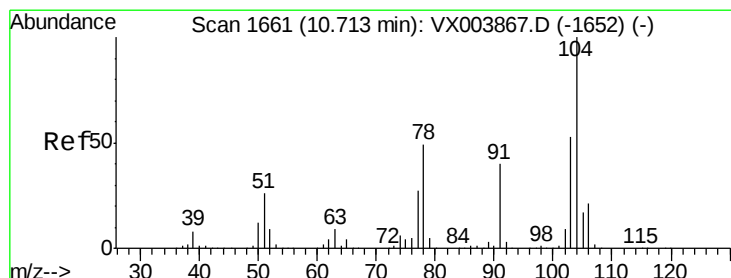
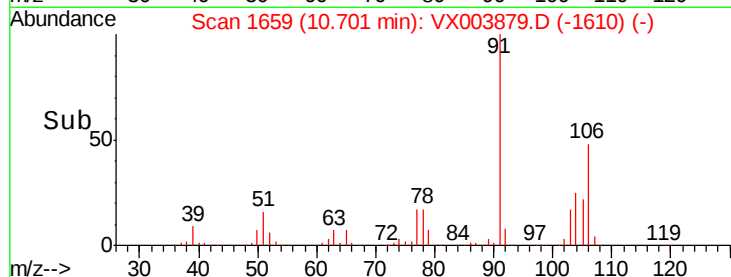
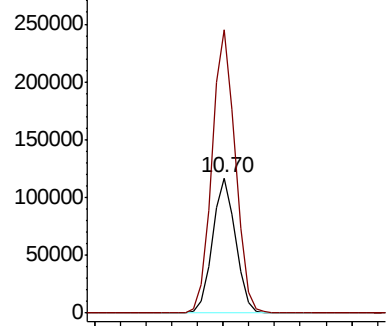
#69
o-Xylene
Concen: 19.33 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Instrument :
MSVOA_X
ClientSampled :
VX0807WBSD01

Tot Ion:106 Resp: 144945
Ion Ratio Lower Upper
106 100
91 211.6 101.9 305.7

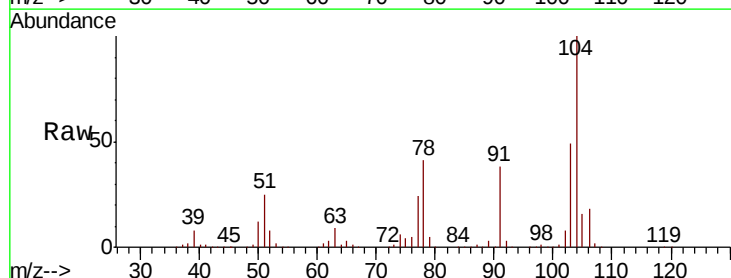


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

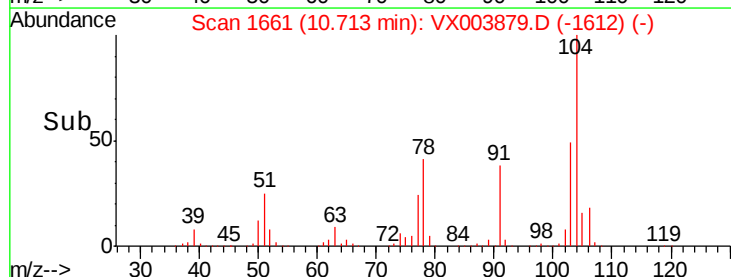
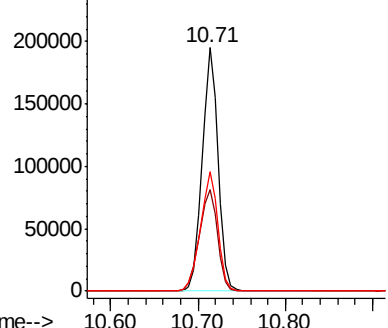


#70
Styrene
Concen: 20.12 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Tgt Ion:104 Resp: 246935
Ion Ratio Lower Upper
104 100
78 47.6 39.8 59.6
103 53.7 44.3 66.5



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





#71

Bromoform

Concen: 19.36 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD01

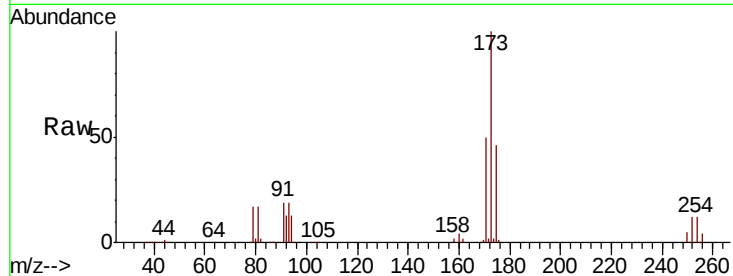
Tot Ion:173 Resp: 63194

Ion Ratio Lower Upper

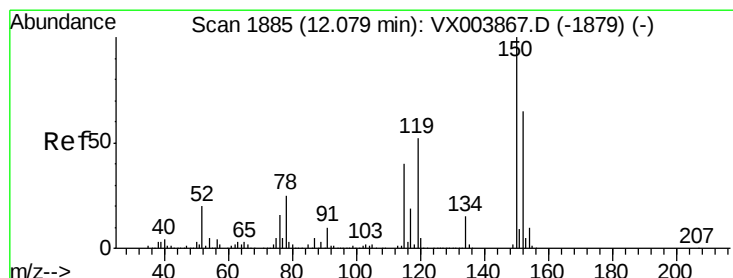
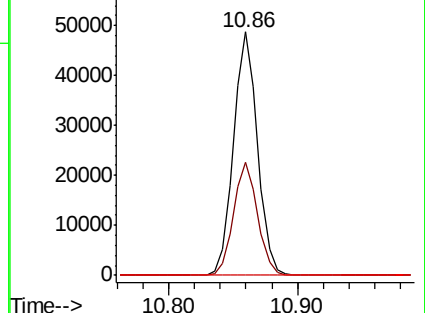
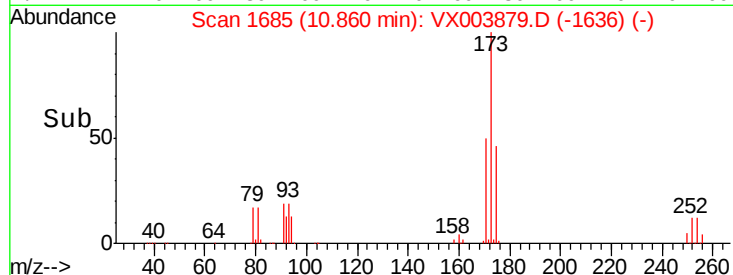
173 100

175 46.6 24.9 74.7

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: VX003879.D

Acq: 07 Aug 2018 14:19

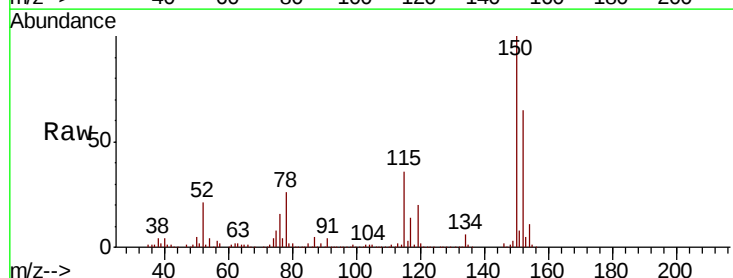
Tgt Ion:152 Resp: 250411

Ion Ratio Lower Upper

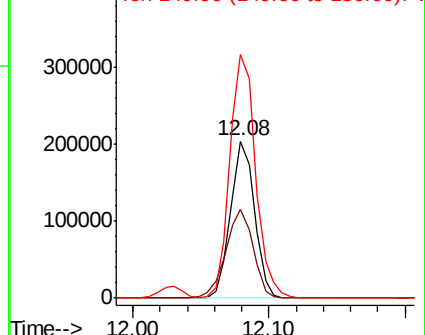
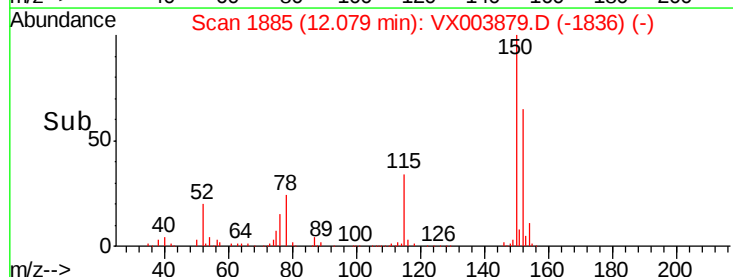
152 100

115 63.9 39.1 117.3

150 166.5 0.0 349.2



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





#73

Isopropylbenzene

Concen: 20.64 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

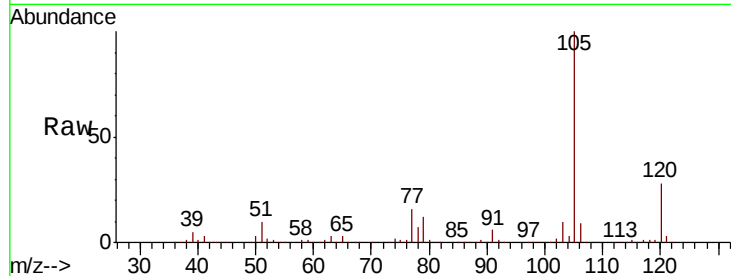
VX0807WBSD01

Tot Ion:105 Resp: 382270

Ion Ratio Lower Upper

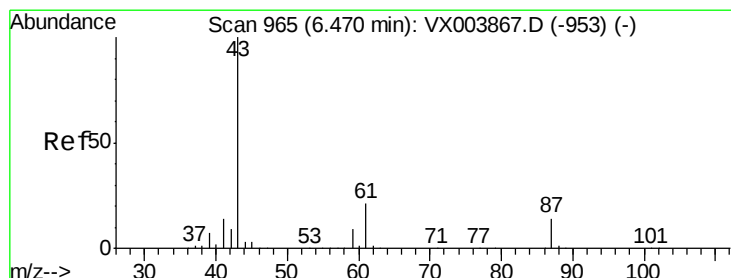
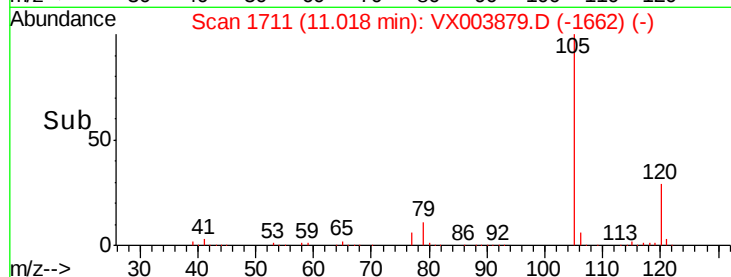
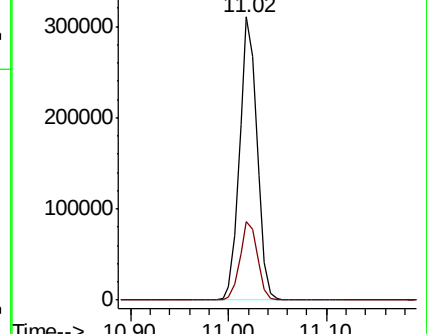
105 100

120 27.8 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.92 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Tgt Ion: 43 Resp: 182287

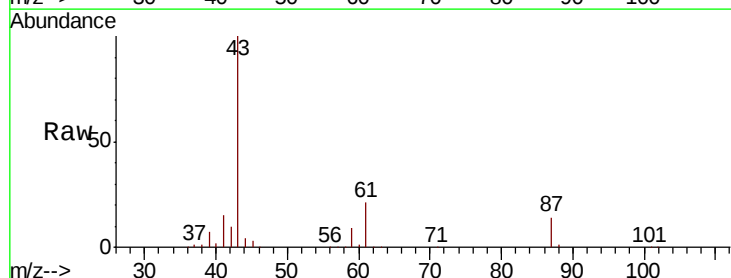
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 20.9 16.9 25.3

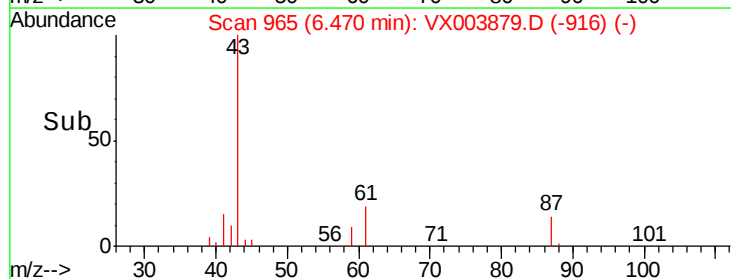
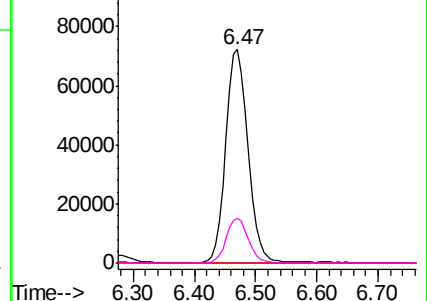


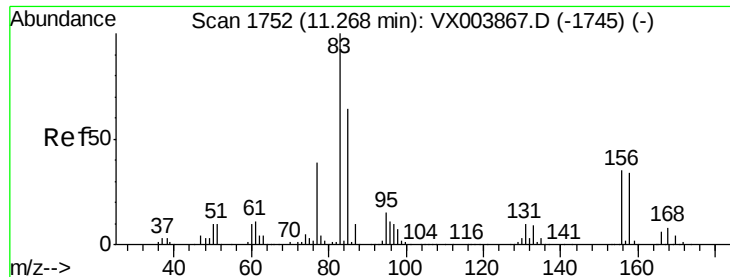
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.51 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD01

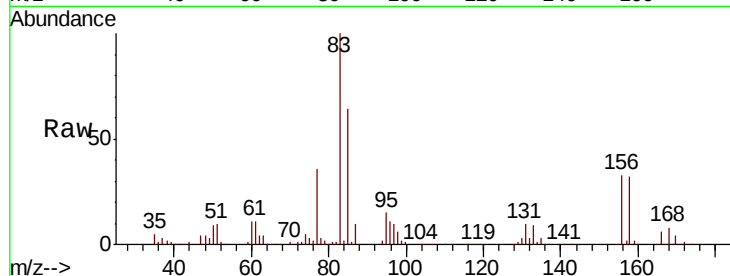
Tot Ion: 83 Resp: 136578

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

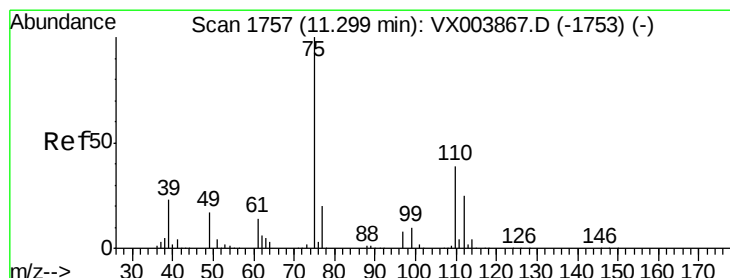
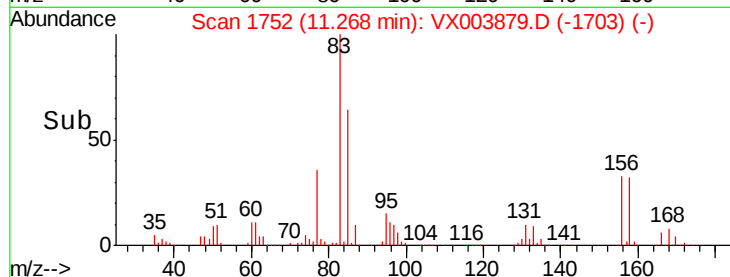
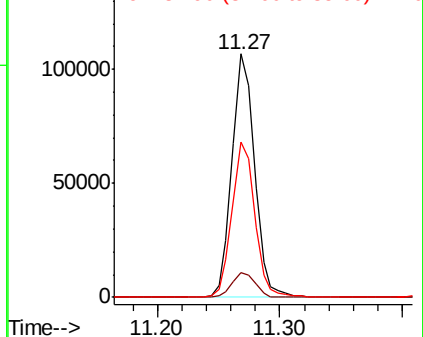
85 64.7 32.2 96.6



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: 26.75 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003879.D

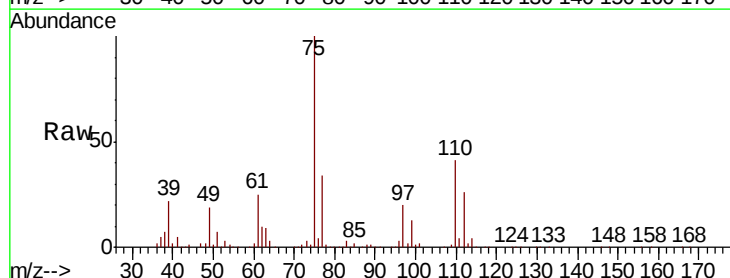
Acq: 07 Aug 2018 14:19

Tgt Ion: 75 Resp: 147973

Ion Ratio Lower Upper

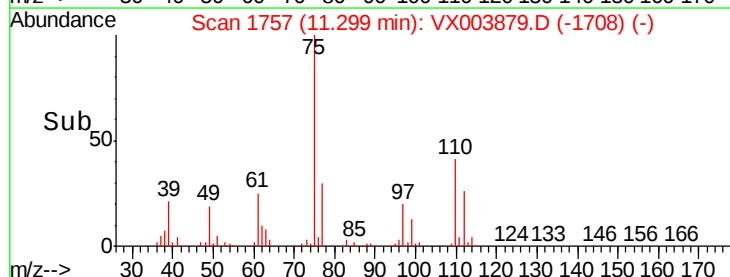
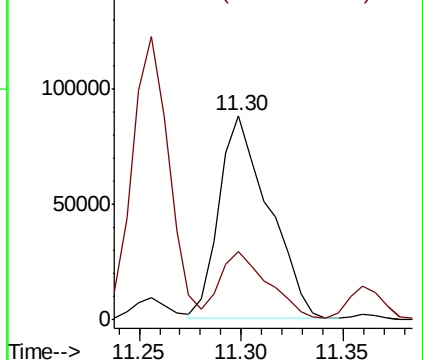
75 100

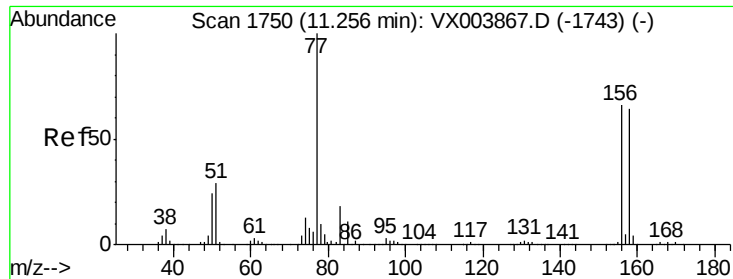
77 33.2 20.8 62.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.17 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD01

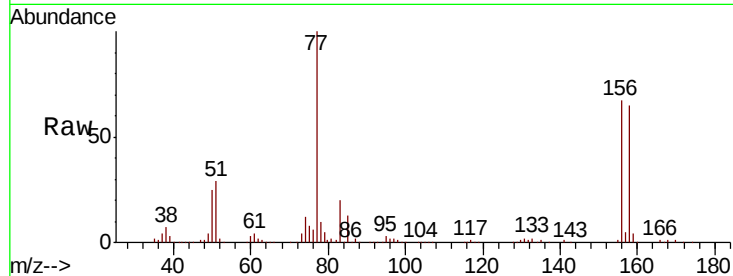
Tot Ion:156 Resp: 104617

Ion Ratio Lower Upper

156 100

77 147.1 74.1 222.2

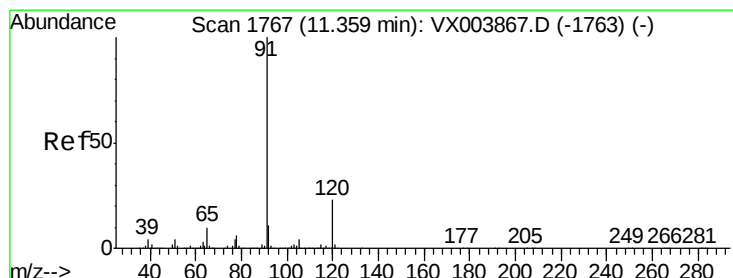
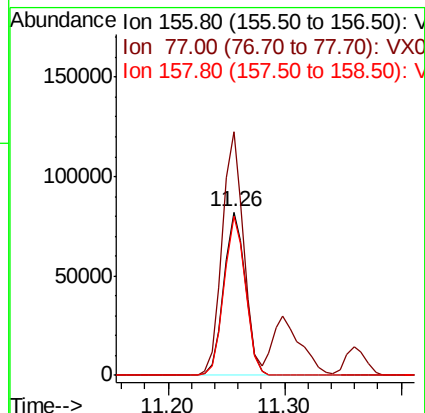
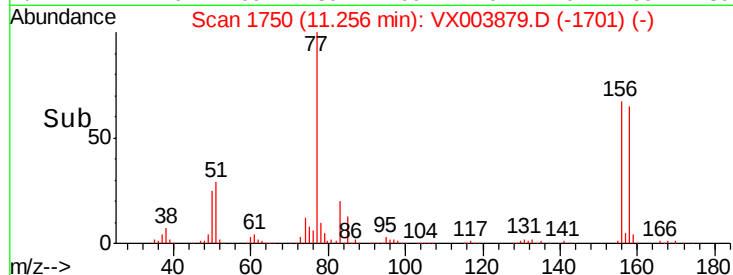
158 96.9 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.27 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003879.D

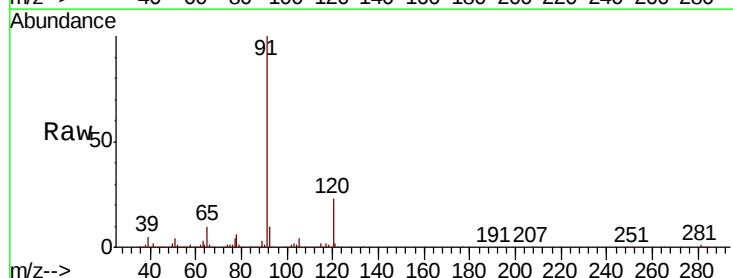
Acq: 07 Aug 2018 14:19

Tgt Ion: 91 Resp: 442399

Ion Ratio Lower Upper

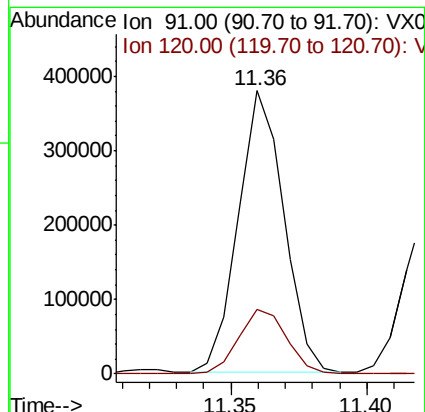
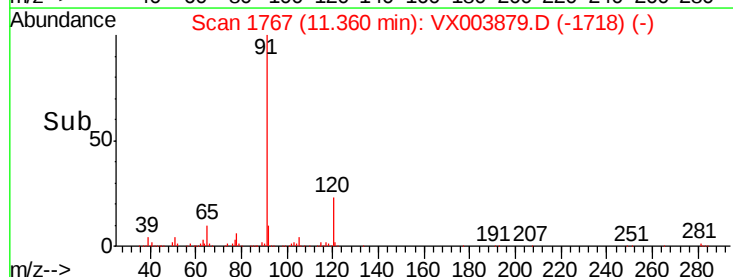
91 100

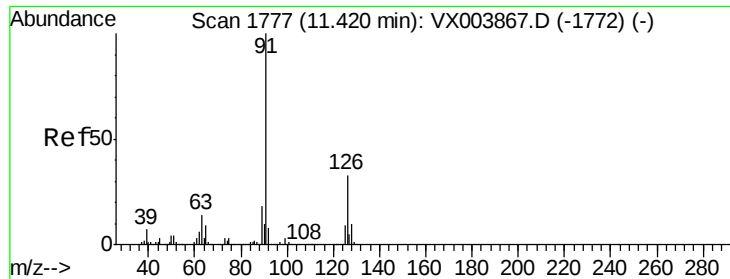
120 23.9 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

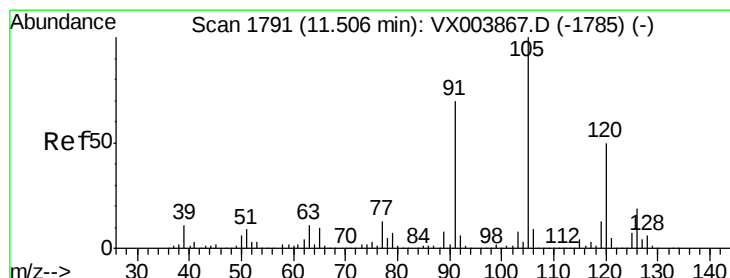
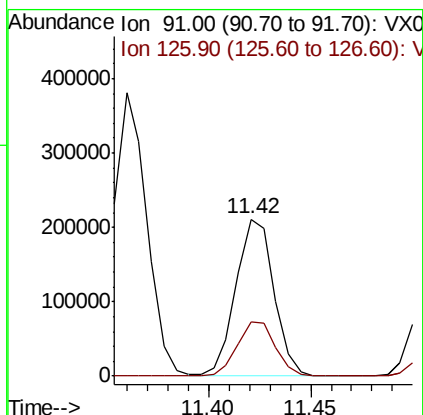
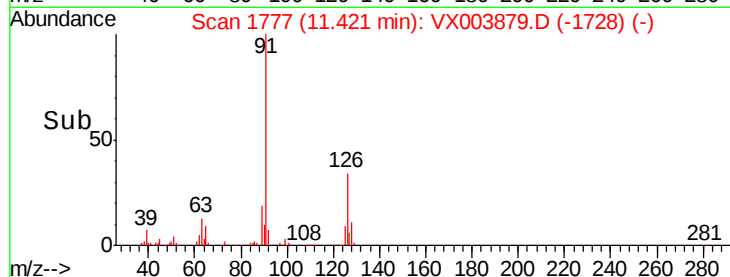
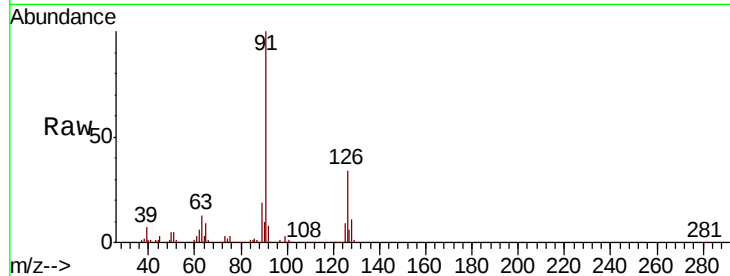




#79
 2-Chlorotoluene
 Concen: 21.32 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: VX003879.D
 Acq: 07 Aug 2018 14:19

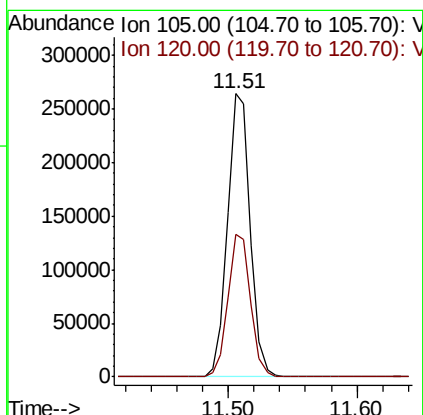
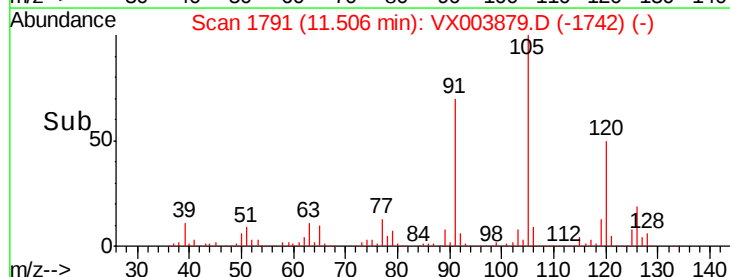
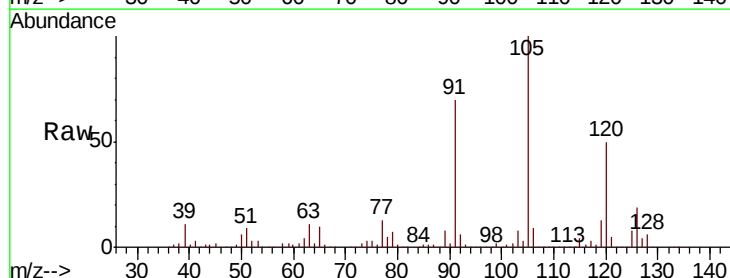
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD01

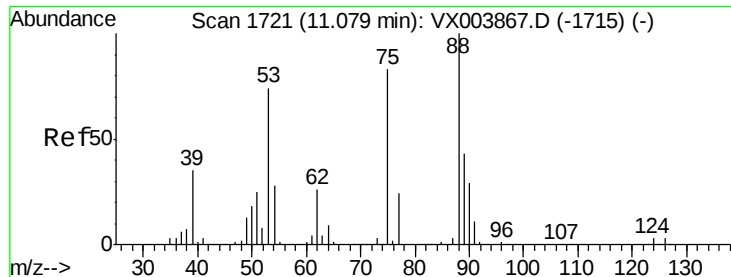
Tot Ion: 91 Resp: 270428
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 21.60 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003879.D
 Acq: 07 Aug 2018 14:19

Tgt Ion:105 Resp: 326238
 Ion Ratio Lower Upper
 105 100
 120 50.4 25.4 76.2





#81

trans-1,4-Dichloro-2-butene

Concen: 19.02 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD01

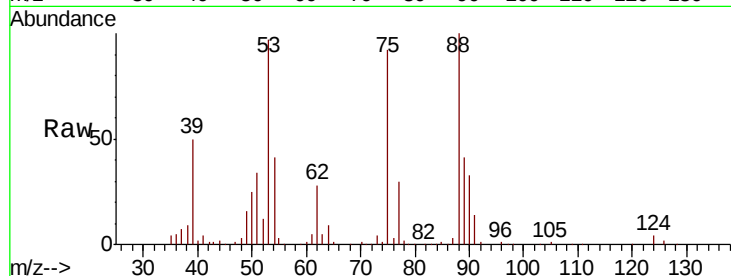
Tot Ion: 75 Resp: 35760

Ion Ratio Lower Upper

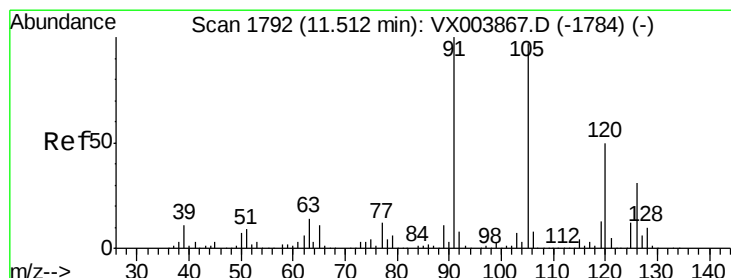
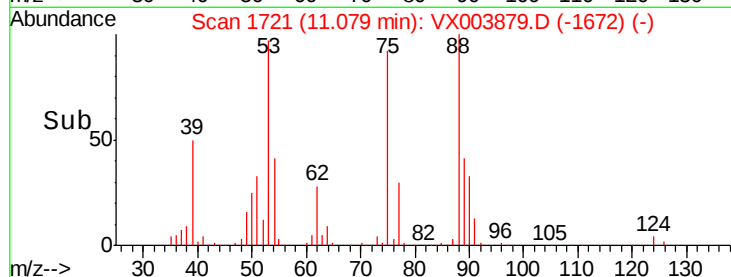
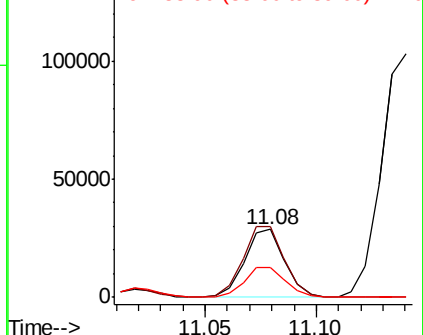
75 100

53 108.0 80.3 120.5

89 46.7 37.8 56.8



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: 21.05 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003879.D

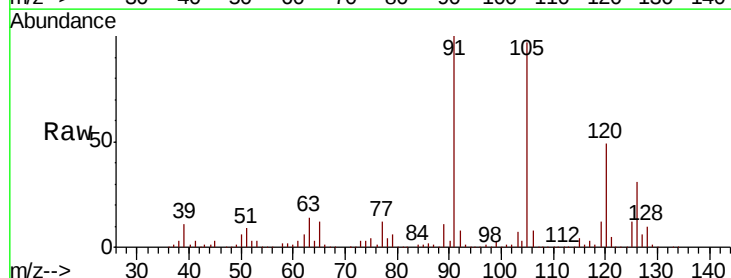
Acq: 07 Aug 2018 14:19

Tgt Ion: 91 Resp: 312706

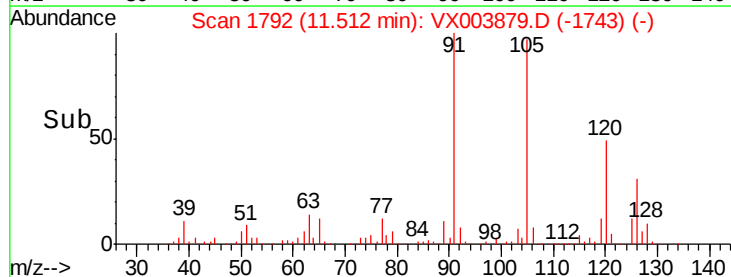
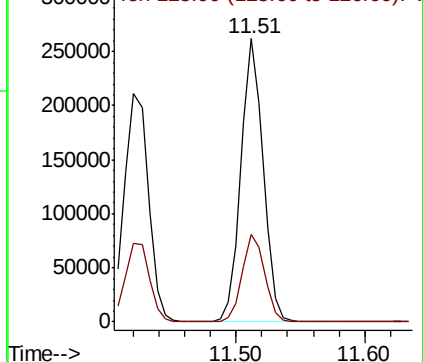
Ion Ratio Lower Upper

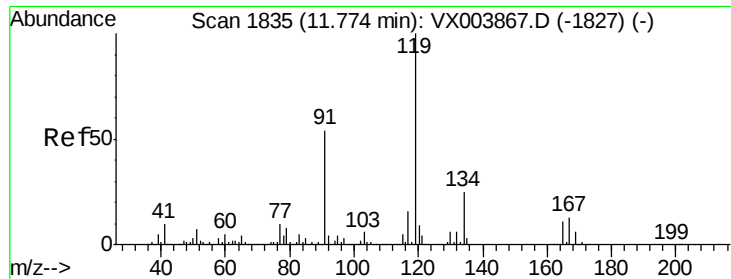
91 100

126 31.5 15.6 46.7



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

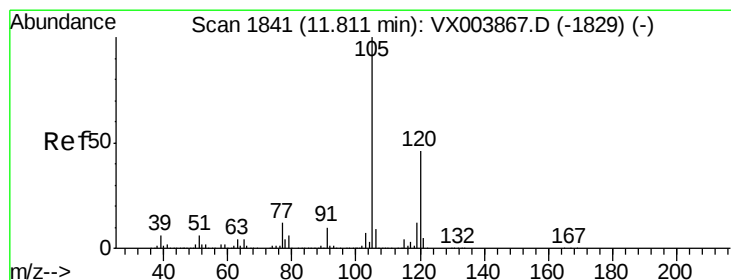
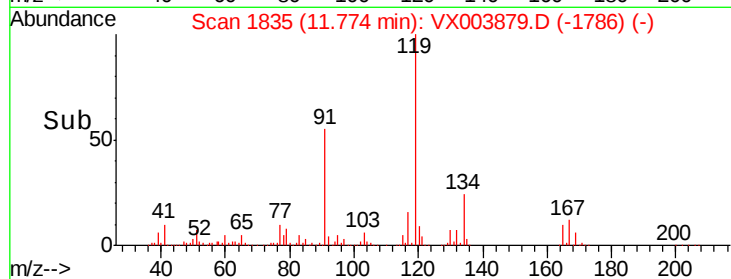
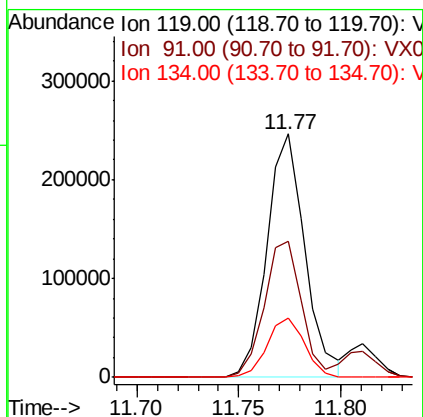
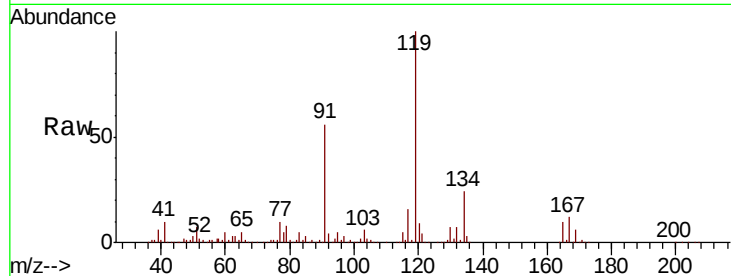




#83
 tert-Butylbenzene
 Concen: 21.47 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003879.D
 Acq: 07 Aug 2018 14:19

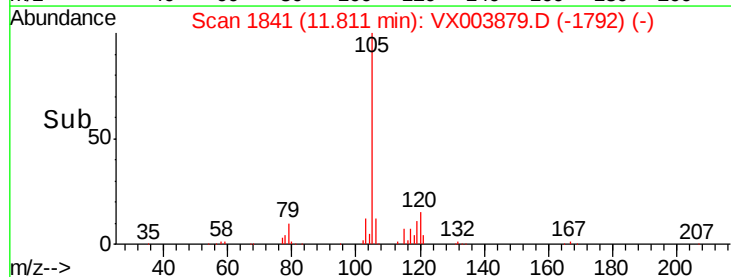
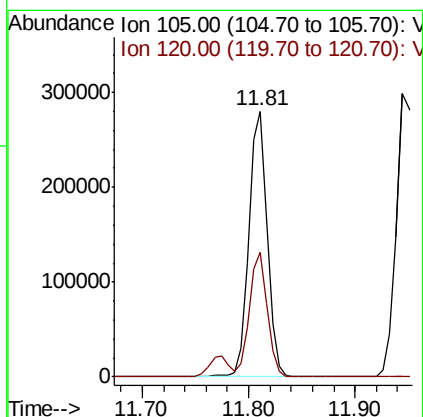
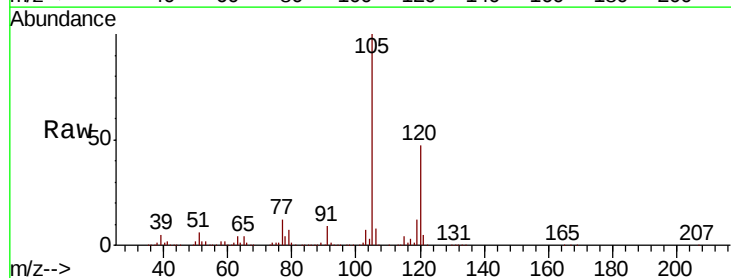
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD01

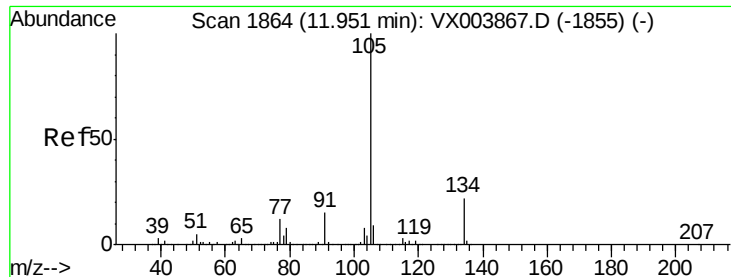
Tot Ion	Ratio	Lower	Upper
119	100		
91	54.6	26.9	80.7
134	24.2	12.0	36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 22.40 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003879.D
 Acq: 07 Aug 2018 14:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.1	69.2





#85

sec-Butylbenzene

Concen: 20.91 ug/l

RT: 11.94 min Scan# 1863

Delta R.T. -0.01 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

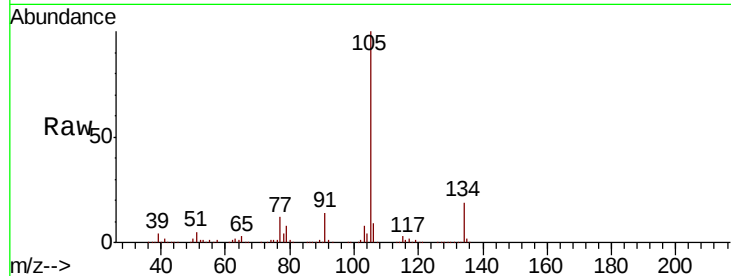
VX0807WBSD01

Tot Ion:105 Resp: 366757

Ion Ratio Lower Upper

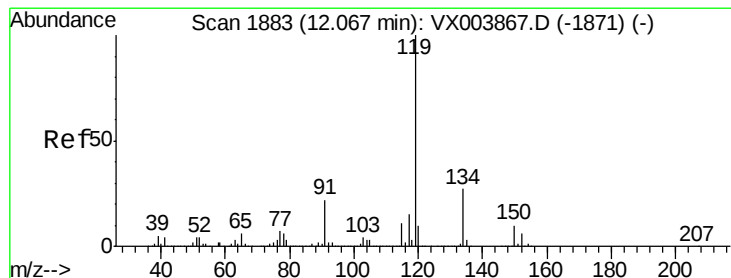
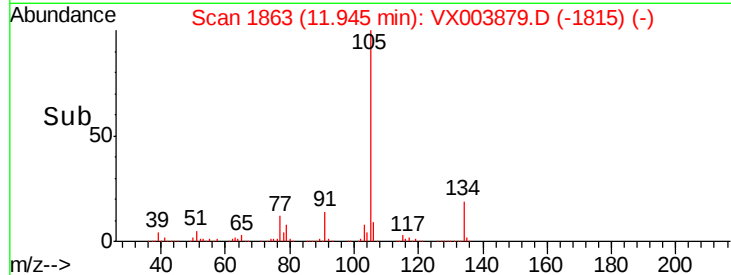
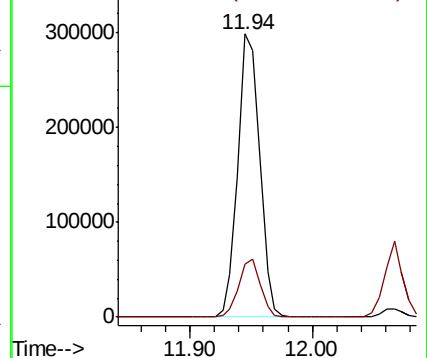
105 100

134 20.4 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.01 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

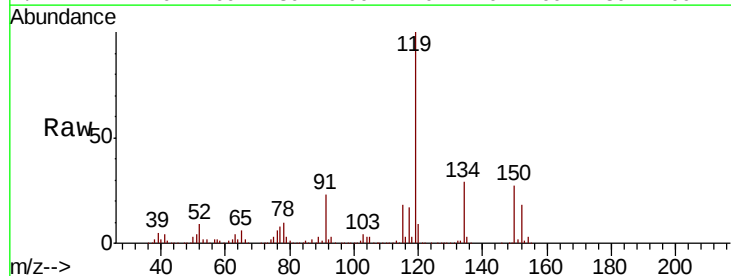
Tgt Ion:119 Resp: 314930

Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

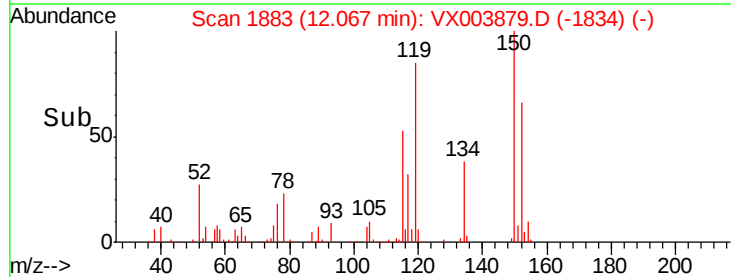
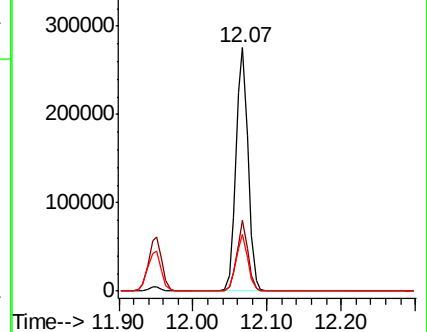
91 22.4 10.9 32.7

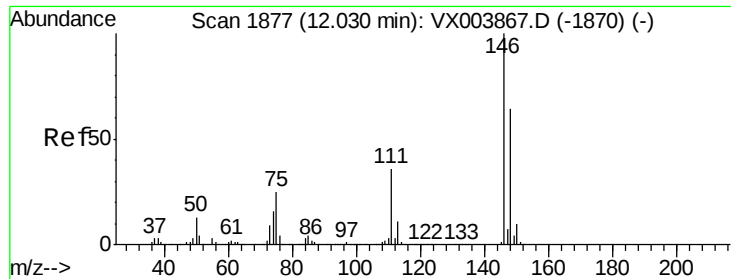


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 18.67 ug/l

RT: 12.02 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

ClientSampled :

VX0807WBSD01

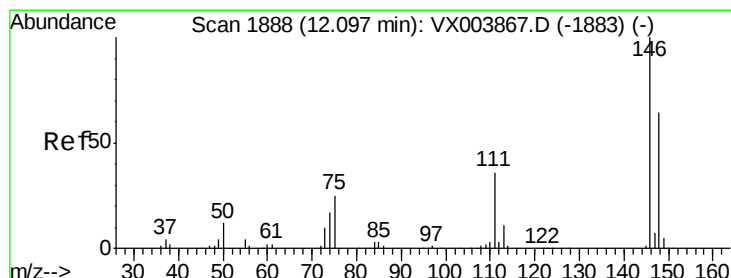
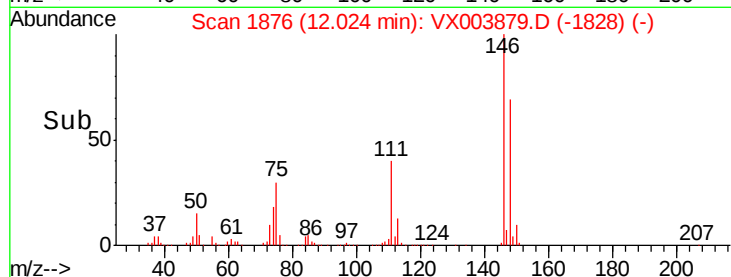
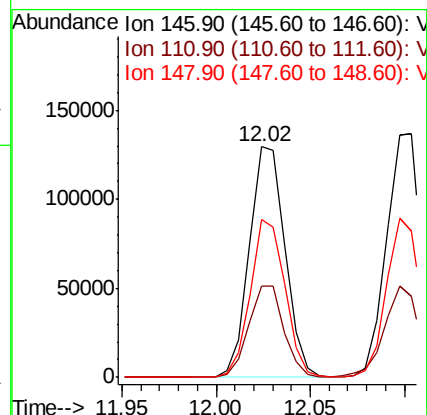
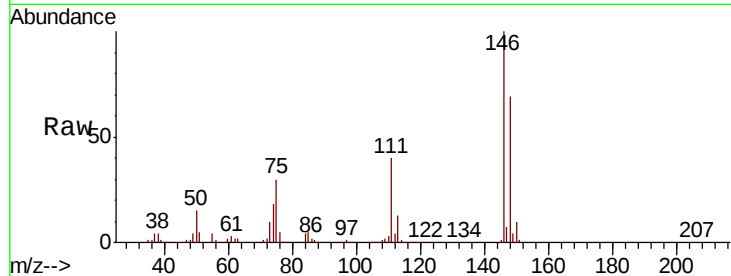
Tot Ion:146 Resp: 170516

Ion Ratio Lower Upper

146 100

111 39.1 18.8 56.4

148 66.6 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 20.24 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

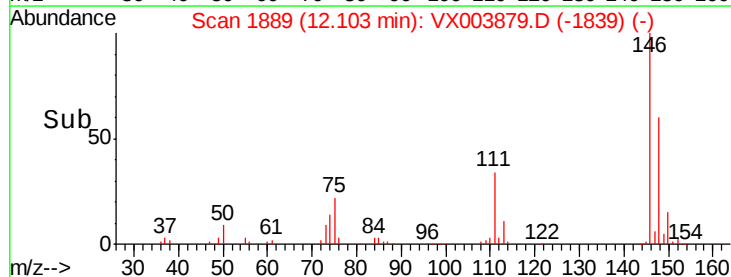
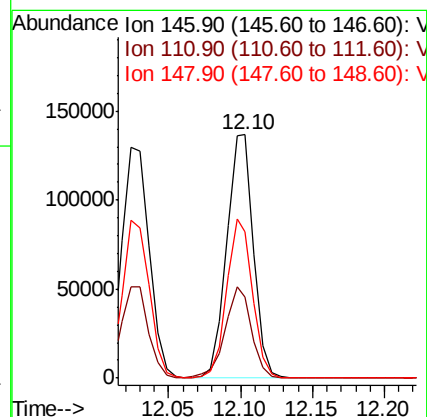
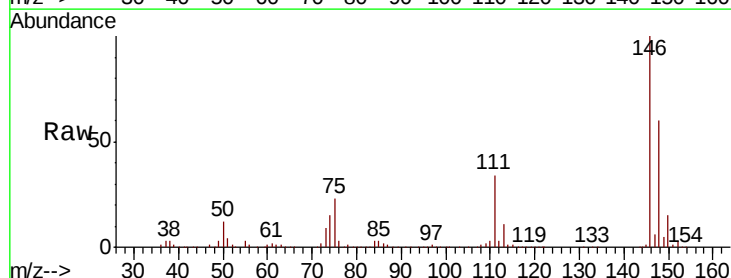
Tgt Ion:146 Resp: 178703

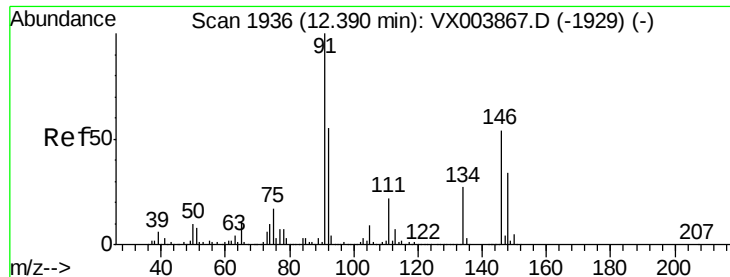
Ion Ratio Lower Upper

146 100

111 37.1 18.4 55.0

148 63.3 32.3 96.8





#89

n-Butylbenzene

Concen: 18.20 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD01

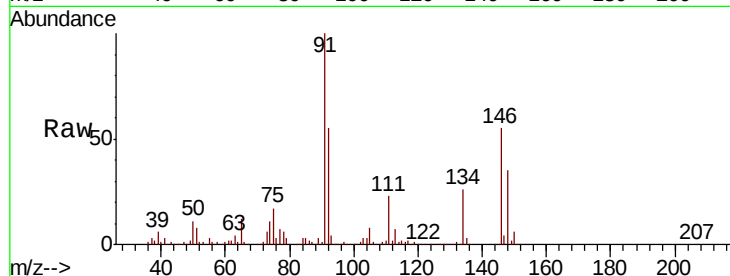
Tot Ion: 91 Resp: 249610

Ion Ratio Lower Upper

91 100

92 53.9 27.1 81.3

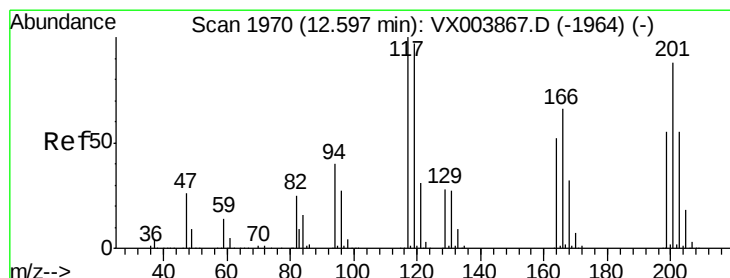
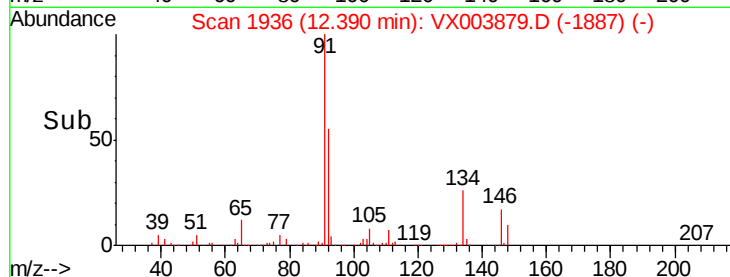
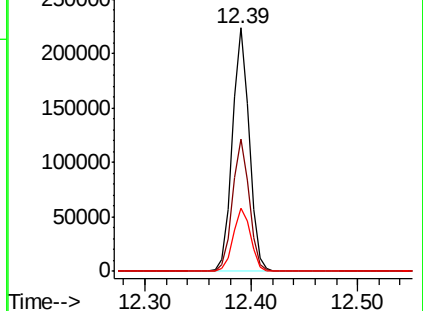
134 26.8 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VX003867.D (-1929) (-)

Ion 92.00 (91.70 to 92.70): VX003867.D (-1929) (-)

Ion 134.00 (133.70 to 134.70): VX003867.D (-1929) (-)



#90

Hexachloroethane

Concen: 17.79 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003879.D

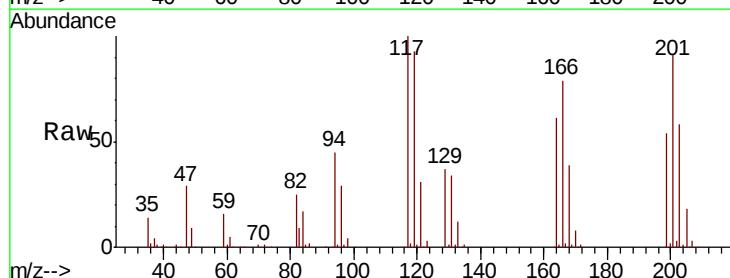
Acq: 07 Aug 2018 14:19

Tgt Ion: 117 Resp: 45465

Ion Ratio Lower Upper

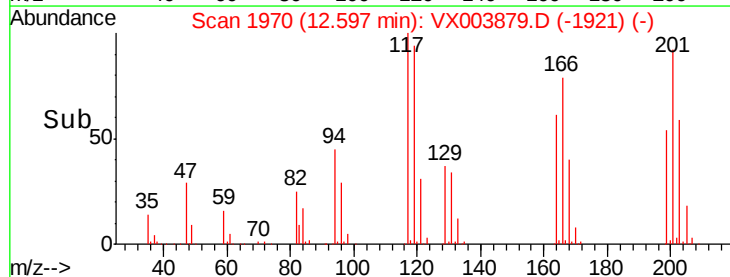
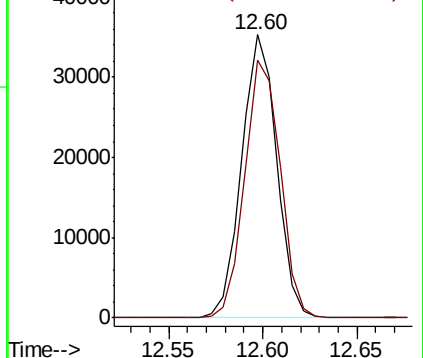
117 100

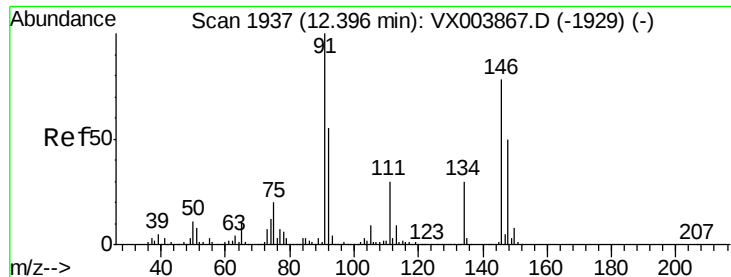
201 92.4 46.1 138.2



Abundance Ion 116.80 (116.50 to 117.50): VX003867.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX003867.D (-1964) (-)





#91

1,2-Dichlorobenzene

Concen: 18.80 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD01

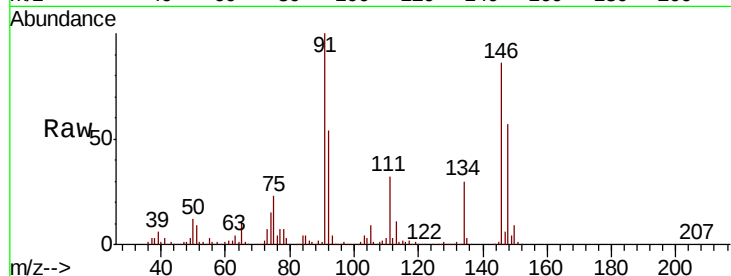
Tot Ion:146 Resp: 170274

Ion Ratio Lower Upper

146 100

111 38.7 19.7 59.0

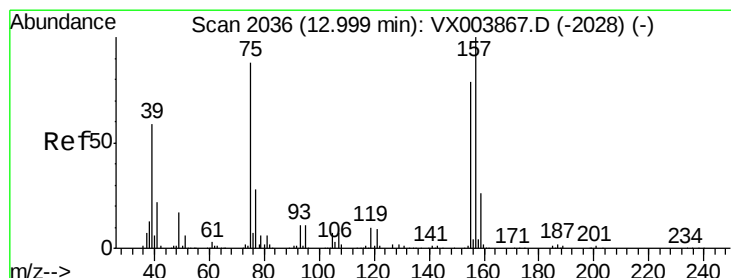
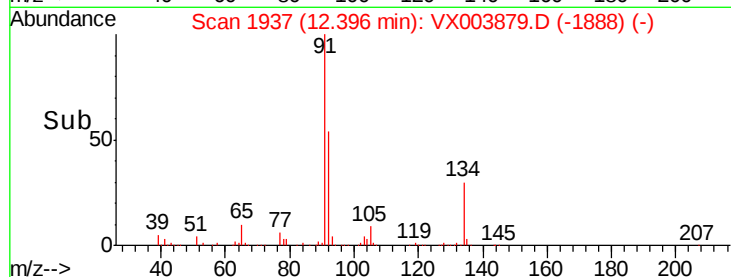
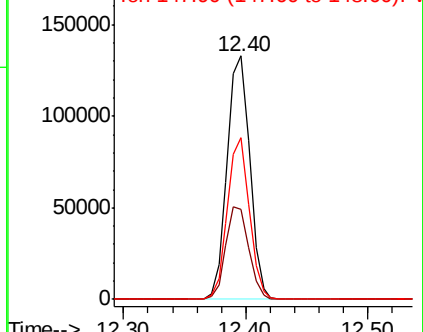
148 64.2 31.9 95.5



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.08 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

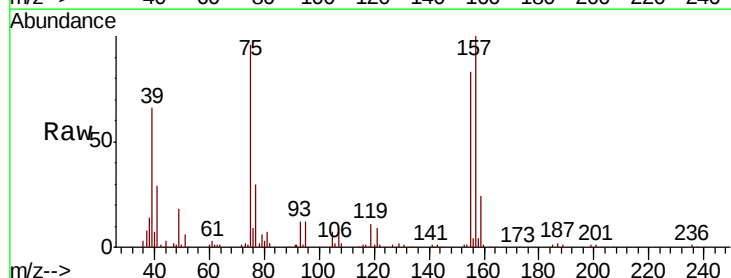
Tgt Ion: 75 Resp: 24821

Ion Ratio Lower Upper

75 100

155 93.5 48.7 146.1

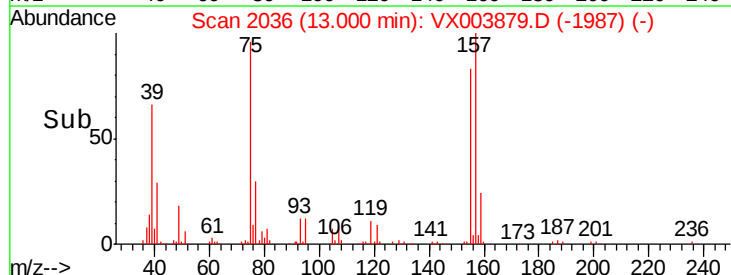
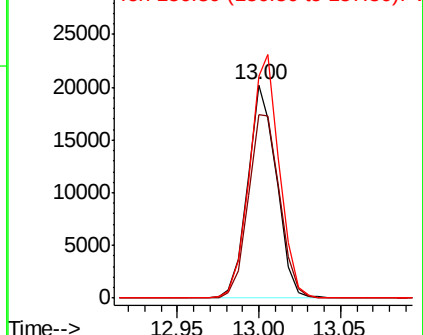
157 117.3 62.6 187.8

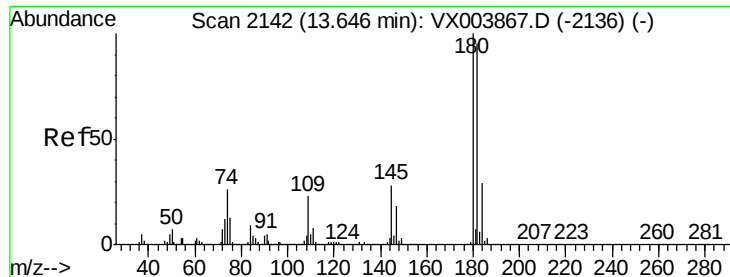


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

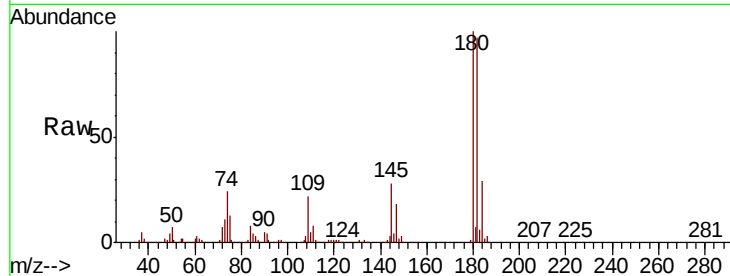




#93
 1,2,4-Trichlorobenzene
 Concen: 20.30 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003879.D
 Acq: 07 Aug 2018 14:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.7	143.1
145	27.7	13.9	41.6

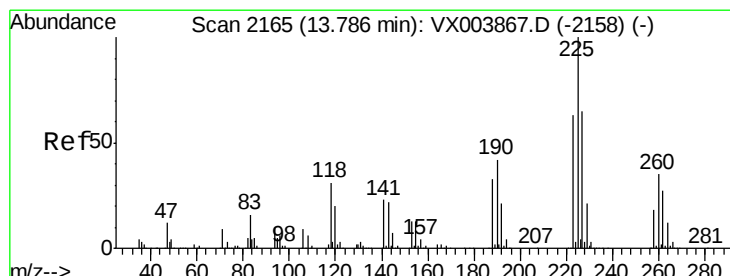
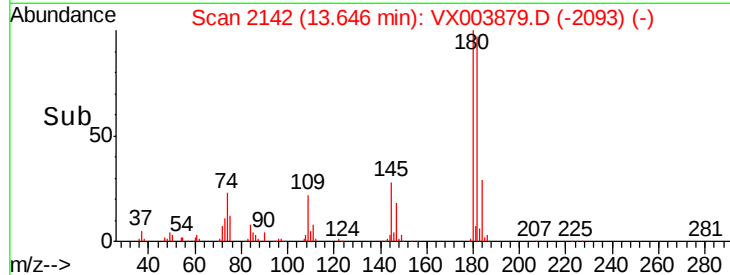
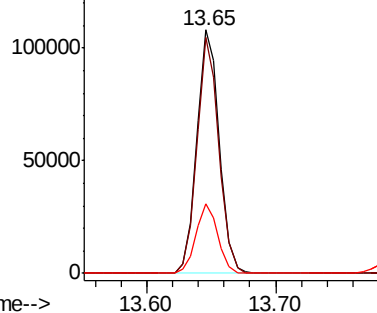


Abundance

Ion 179.80 (179.50 to 180.50): V

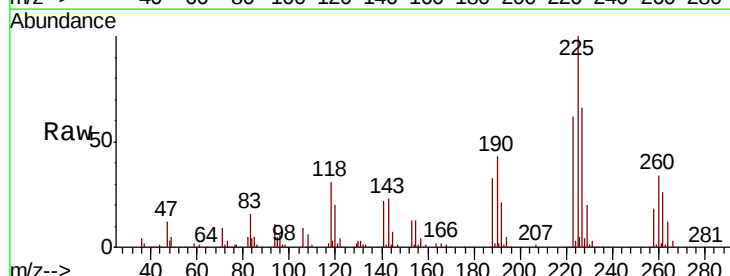
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 21.33 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003879.D
 Acq: 07 Aug 2018 14:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.4	94.0
227	65.3	32.1	96.5

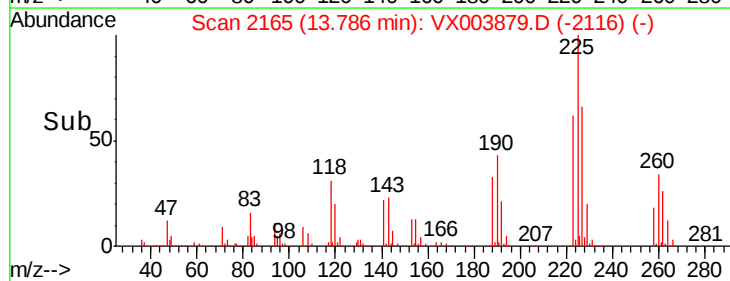
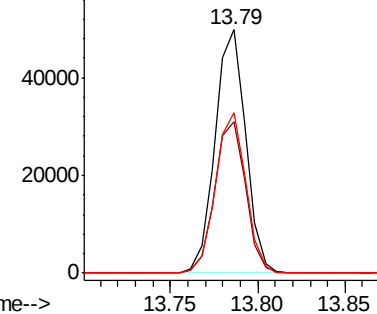


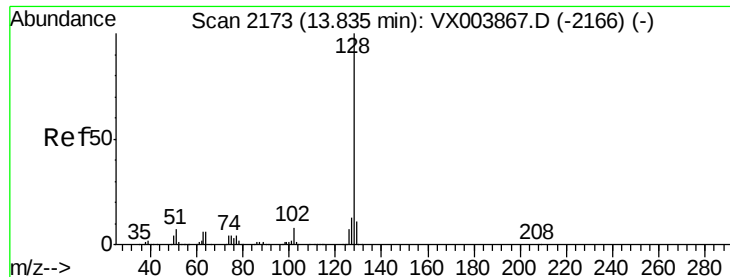
Abundance

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

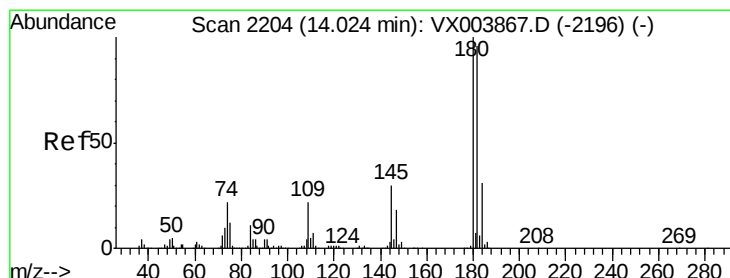
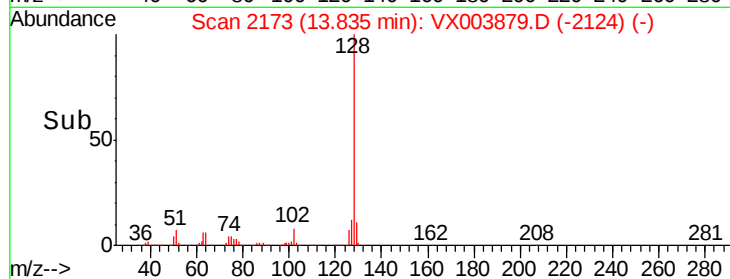
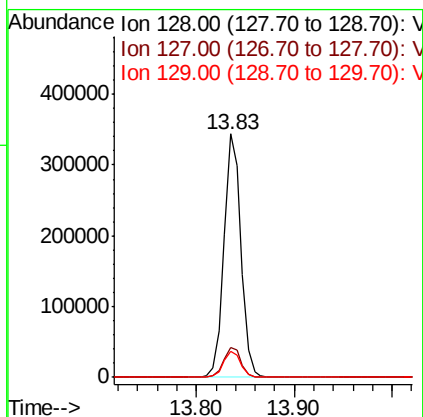
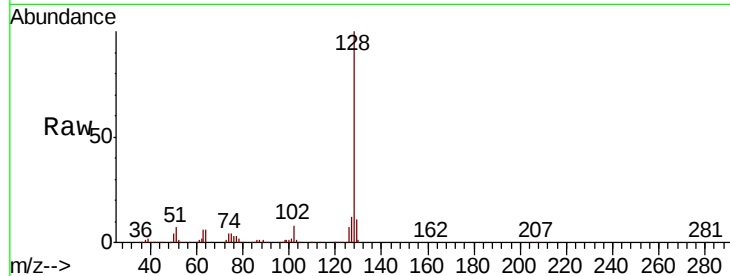




#95
Naphthalene
Concen: 22.03 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD01

Tot Ion:128 Resp: 410880
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 21.38 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Tgt Ion:180 Resp: 138931
Ion Ratio Lower Upper
180 100
182 94.5 48.1 144.4
145 30.0 14.9 44.7

