

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003883.D
 Acq On : 07 Aug 2018 16:32
 Operator : JC/MD
 Sample : VX0807WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD01

Quant Time: Aug 08 01:22:15 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	347723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	509608	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	482550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	248967	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	231875	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
35) Dibromofluoromethane	5.51	113	190701	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
50) Toluene-d8	8.72	98	745792	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
62) 4-Bromofluorobenzene	11.14	95	271945	55.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	69608	19.75	ug/l	97
3) Chloromethane	1.32	50	90584	18.89	ug/l	100
4) Vinyl Chloride	1.40	62	93526	19.56	ug/l	99
5) Bromomethane	1.64	94	59899	21.41	ug/l	99
6) Chloroethane	1.72	64	78583	25.69	ug/l	96
7) Trichlorofluoromethane	1.93	101	122751	19.45	ug/l	97
8) Diethyl Ether	2.19	74	54712	19.28	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	75864	19.23	ug/l	99
10) Methyl Iodide	2.51	142	92631	18.87	ug/l	99
11) Tert butyl alcohol	3.07	59	109174	98.57	ug/l	99
12) 1,1-Dichloroethene	2.37	96	70569	18.91	ug/l	98
13) Acrolein	2.29	56	54187	90.87	ug/l	99
14) Allyl chloride	2.73	41	142017	19.74	ug/l	100
15) Acrylonitrile	3.15	53	257571	97.46	ug/l	99
16) Acetone	2.45	43	278732	101.64	ug/l	100
17) Carbon Disulfide	2.57	76	194985	18.71	ug/l	100
18) Methyl Acetate	2.78	43	121173	20.29	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	260251	19.68	ug/l	100
20) Methylene Chloride	2.85	84	86341	18.84	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	79077	18.66	ug/l	98
22) Diisopropyl ether	3.87	45	254721	19.26	ug/l	98
23) Vinyl Acetate	3.82	43	1071221	97.35	ug/l	100
24) 1,1-Dichloroethane	3.70	63	154275	19.64	ug/l	99
25) 2-Butanone	4.71	43	411673	99.85	ug/l	99
26) 2,2-Dichloropropane	4.59	77	112603	19.88	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	87635	19.06	ug/l	99
28) Bromochloromethane	5.02	49	68487	20.37	ug/l	100
29) Tetrahydrofuran	5.17	42	207597	97.96	ug/l	99
30) Chloroform	5.22	83	145954	19.74	ug/l	100
31) Cyclohexane	5.57	56	125325	18.86	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	122688	19.78	ug/l	99
36) 1,1-Dichloropropene	5.80	75	108536	19.02	ug/l	100
37) Ethyl Acetate	4.86	43	122142	19.45	ug/l	100
38) Carbon Tetrachloride	5.78	117	104038	19.15	ug/l	97

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 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	125388	18.63	ug/l	99
40) Benzene	6.14	78	335152	19.56	ug/l	100
41) Methacrylonitrile	5.06	41	66841	19.33	ug/l	99
42) 1,2-Dichloroethane	6.20	62	116193	20.05	ug/l	100
43) Isopropyl Acetate	6.47	43	183016	19.37	ug/l	100
44) Trichloroethene	7.21	130	88090	18.79	ug/l	100
45) 1,2-Dichloropropane	7.52	63	86825	19.62	ug/l	99
46) Dibromomethane	7.66	93	55452	19.30	ug/l	99
47) Bromodichloromethane	7.90	83	103239	19.07	ug/l	99
48) Methyl methacrylate	7.78	41	93089	19.38	ug/l	100
49) 1,4-Dioxane	7.76	88	44005	388.94	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	793432	101.31	ug/l	100
52) Toluene	8.79	92	215515	19.90	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	115833	18.93	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	127919	19.39	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	86719	19.60	ug/l	99
56) Ethyl methacrylate	9.18	69	121421	18.91	ug/l	98
57) 1,3-Dichloropropane	9.37	76	145894	19.70	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	322791	102.24	ug/l	99
59) 2-Hexanone	9.50	43	609057	104.04	ug/l	99
60) Dibromochloromethane	9.59	129	81330	19.71	ug/l	100
61) 1,2-Dibromoethane	9.68	107	89240	20.14	ug/l	99
64) Tetrachloroethene	9.34	164	82366	17.35	ug/l	95
65) Chlorobenzene	10.14	112	236140	18.81	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	82992	19.23	ug/l	99
67) Ethyl Benzene	10.26	91	390640	19.01	ug/l	99
68) m/p-Xylenes	10.36	106	312057	38.86	ug/l	97
69) o-Xylene	10.70	106	146787	19.36	ug/l	95
70) Styrene	10.71	104	248037	19.98	ug/l	98
71) Bromoform	10.86	173	61091	18.63	ug/l	100
73) Isopropylbenzene	11.02	105	397493	21.58	ug/l	96
74) N-amyl acetate	6.47	43	183016	19.11	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	136006	21.55	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	151657	27.58	ug/l	85
77) Bromobenzene	11.26	156	105131	21.40	ug/l	100
78) n-propylbenzene	11.36	91	455923	22.04	ug/l	100
79) 2-Chlorotoluene	11.42	91	271294	21.51	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	331098	22.05	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	36672	19.55	ug/l	96
82) 4-Chlorotoluene	11.51	91	317900	21.52	ug/l	99
83) tert-Butylbenzene	11.77	119	320879	21.72	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	346042	22.92	ug/l	100
85) sec-Butylbenzene	11.95	105	363065	20.82	ug/l	98
86) p-Isopropyltoluene	12.07	119	313104	20.01	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	180257	19.85	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	180661	20.59	ug/l	98
89) n-Butylbenzene	12.39	91	257445	18.88	ug/l	98
90) Hexachloroethane	12.60	117	47555	18.72	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	172885	19.20	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23116	17.88	ug/l	99

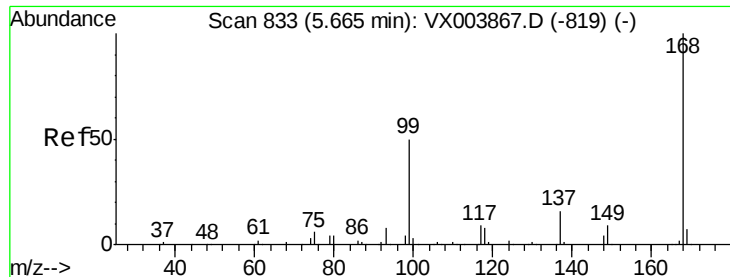
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Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	134423	20.76	ug/l	99
94) Hexachlorobutadiene	13.79	225	63231	22.38	ug/l	100
95) Naphthalene	13.83	128	415122	22.39	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	142780	22.10	ug/l	100

(#) = 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: VX003883.D

Acq: 07 Aug 2018 16:32

Instrument :

MSVOA_X

ClientSampleId :

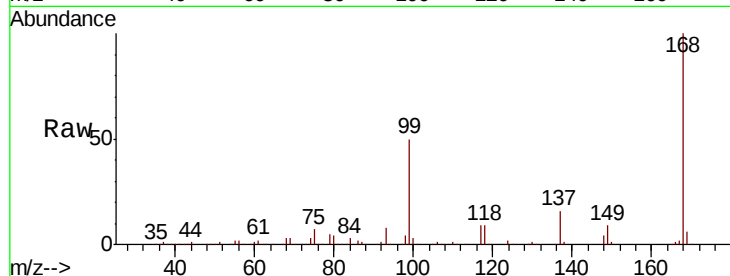
VX0807WBSD01

Tot Ion:168 Resp: 347723

Ion Ratio Lower Upper

168 100

99 50.3 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

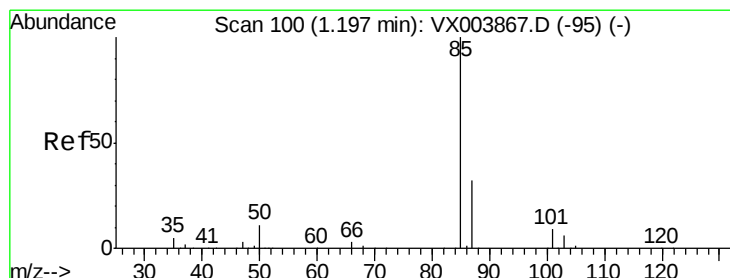
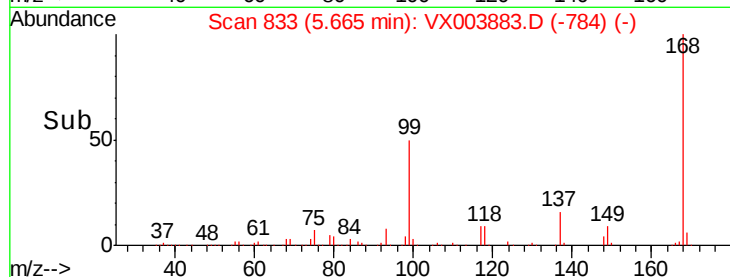
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.75 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX003883.D

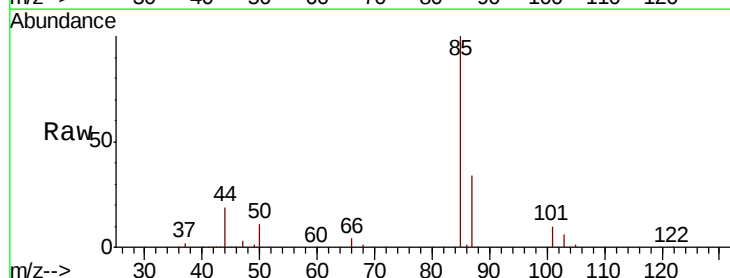
Acq: 07 Aug 2018 16:32

Tgt Ion: 85 Resp: 69608

Ion Ratio Lower Upper

85 100

87 33.7 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

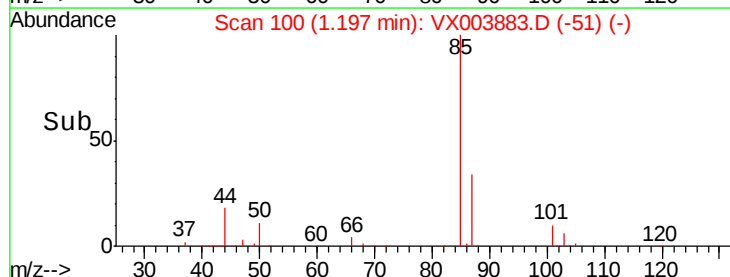
60000

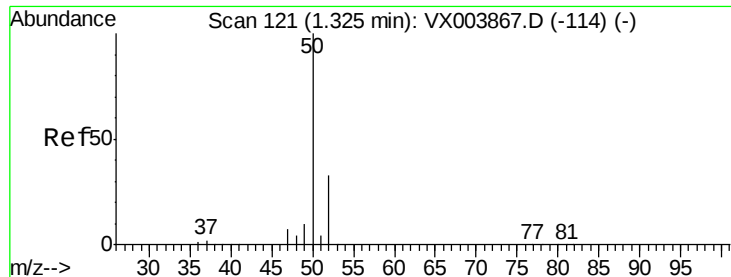
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 18.89 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX003883.D

Acq: 07 Aug 2018 16:32

Instrument :

MSVOA_X

ClientSampleId :

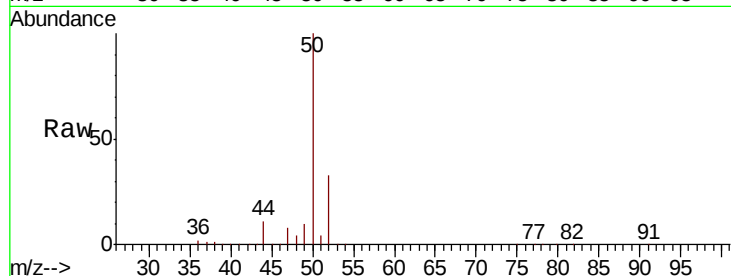
VX0807WBSD01

Tot Ion: 50 Resp: 90584

Ion Ratio Lower Upper

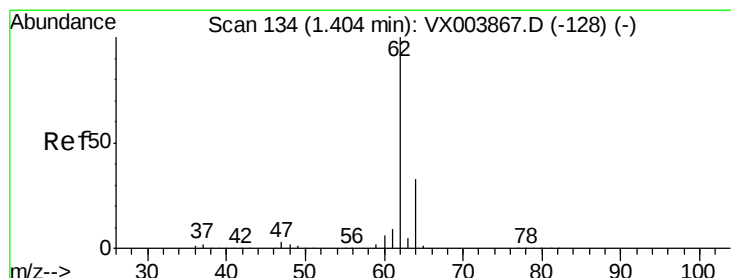
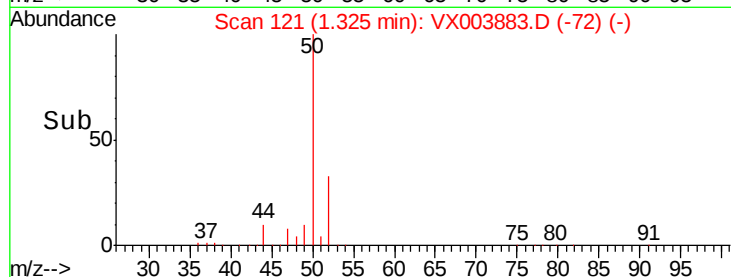
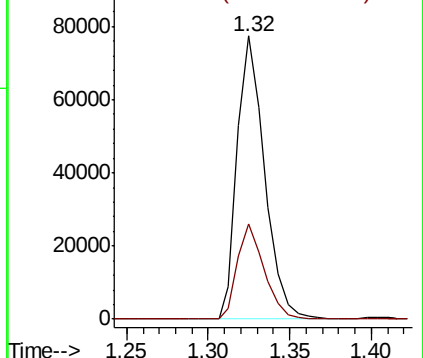
50 100

52 33.4 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: 19.56 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003883.D

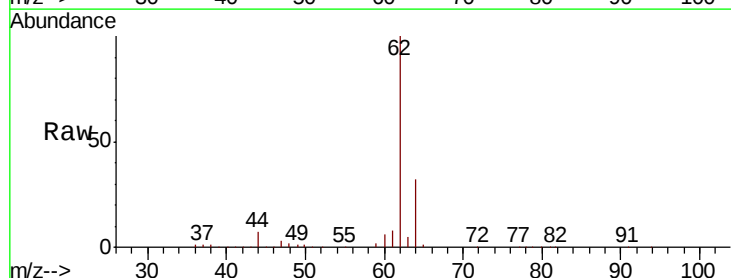
Acq: 07 Aug 2018 16:32

Tgt Ion: 62 Resp: 93526

Ion Ratio Lower Upper

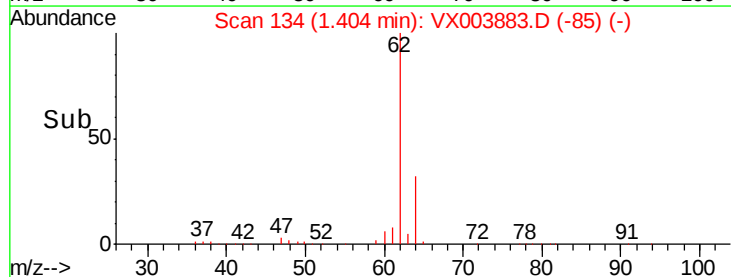
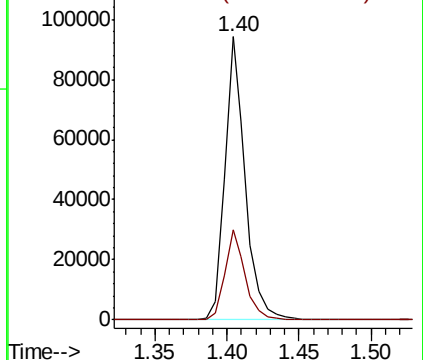
62 100

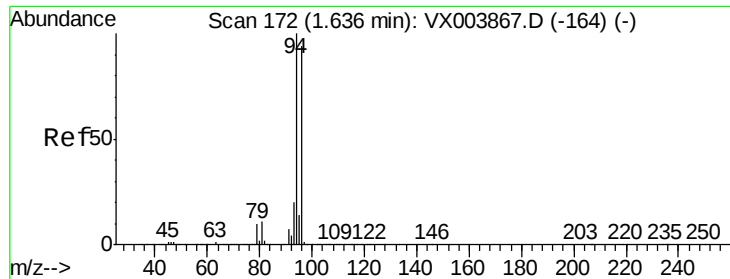
64 31.7 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.41 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003883.D

Acq: 07 Aug 2018 16:32

Instrument :

MSVOA_X

ClientSampleId :

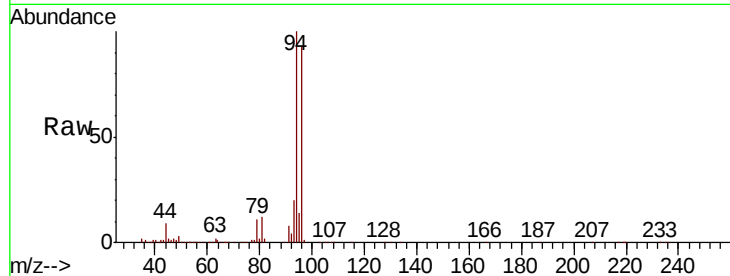
VX0807WBSD01

Tot Ion: 94 Resp: 59899

Ion Ratio Lower Upper

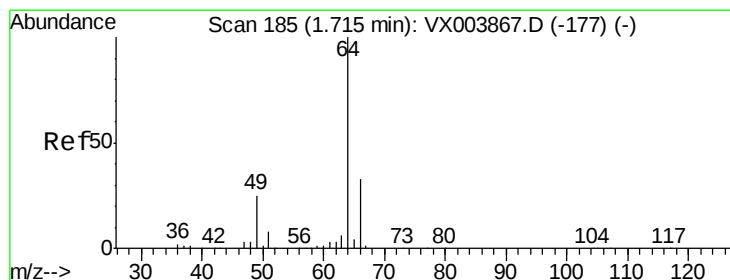
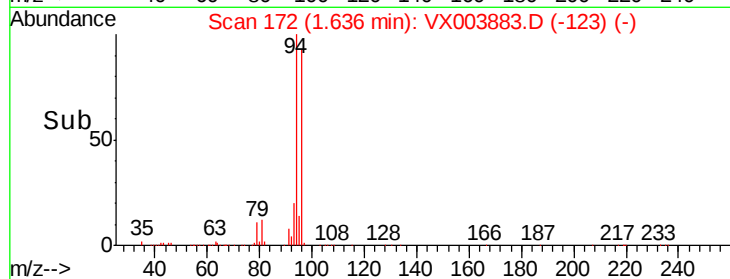
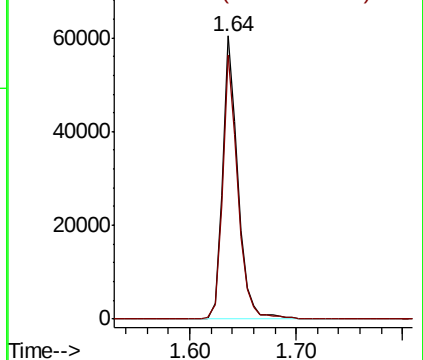
94 100

96 93.2 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: 25.69 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003883.D

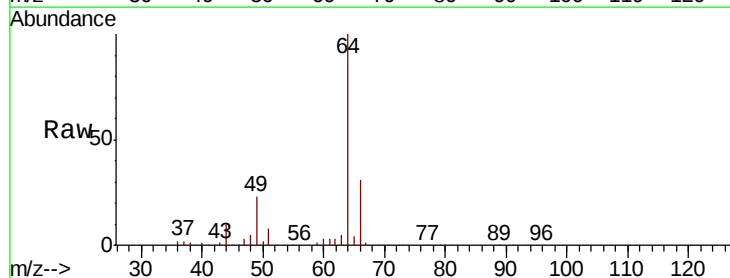
Acq: 07 Aug 2018 16:32

Tgt Ion: 64 Resp: 78583

Ion Ratio Lower Upper

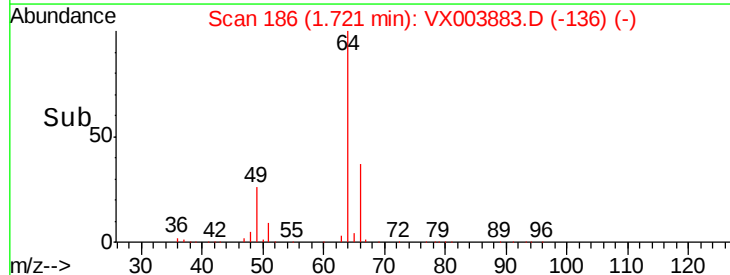
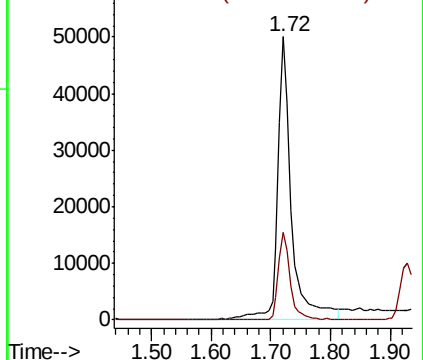
64 100

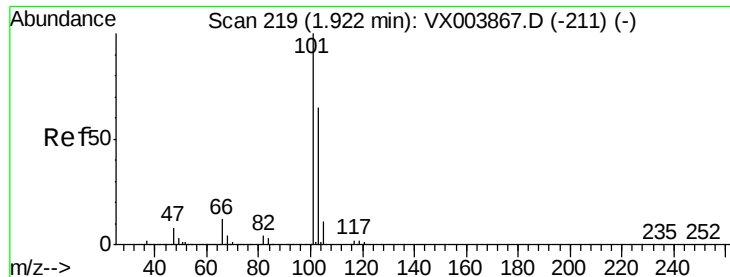
66 30.8 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



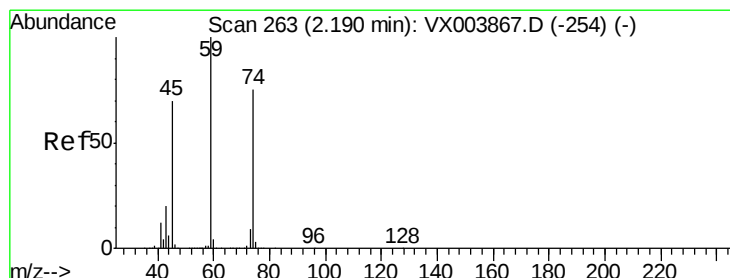
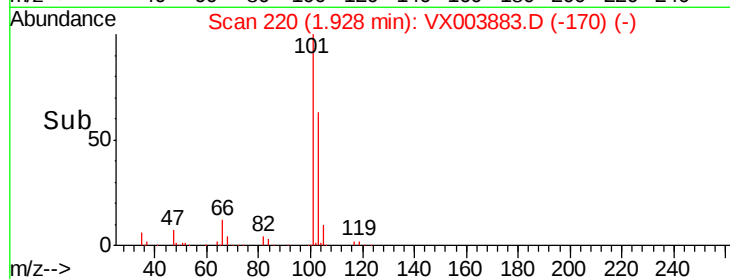
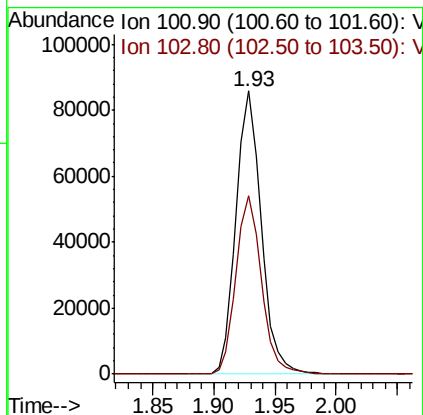
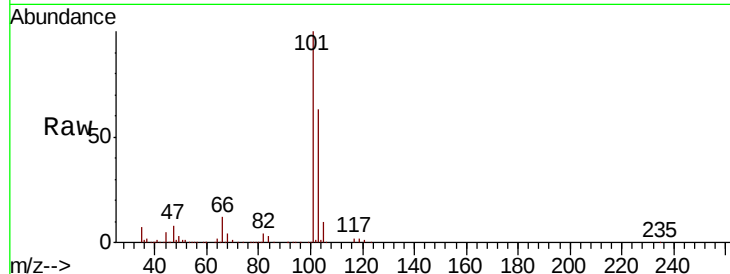


#7

Trichlorofluoromethane
 Concen: 19.45 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX003883.D
 Acq: 07 Aug 2018 16:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD01

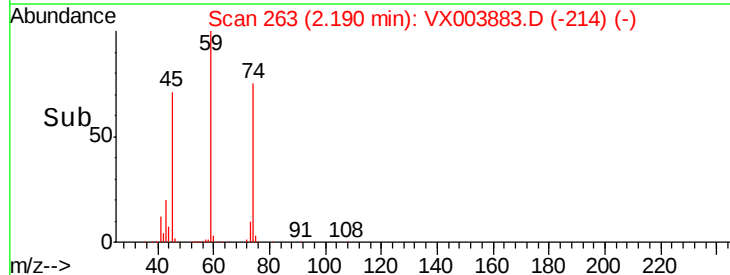
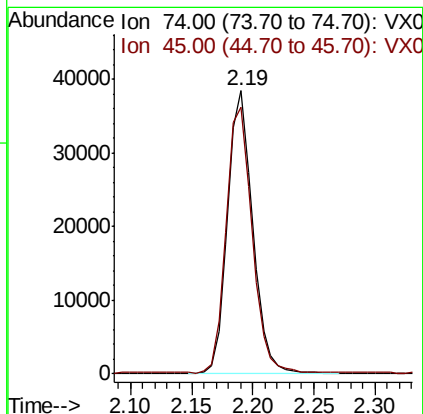
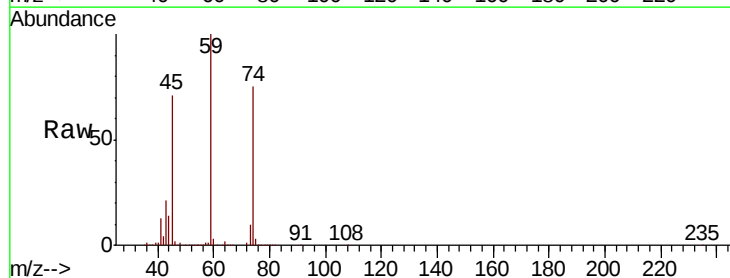
Tot Ion:101 Resp: 122751
 Ion Ratio Lower Upper
 101 100
 103 62.8 52.3 78.5

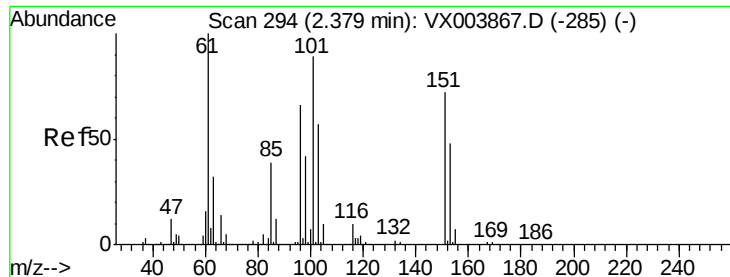


#8

Diethyl Ether
 Concen: 19.28 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX003883.D
 Acq: 07 Aug 2018 16:32

Tgt Ion: 74 Resp: 54712
 Ion Ratio Lower Upper
 74 100
 45 97.0 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.23 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003883.D

Acq: 07 Aug 2018 16:32

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD01

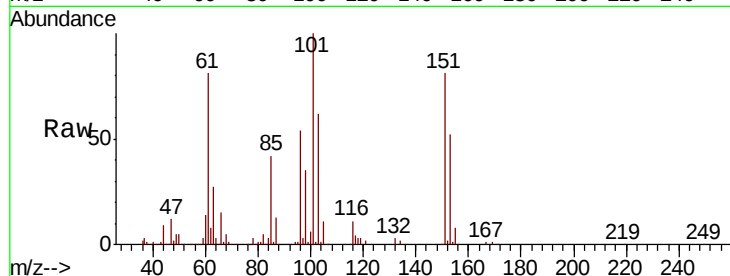
Tot Ion:101 Resp: 75864

Ion Ratio Lower Upper

101 100

85 42.6 34.2 51.4

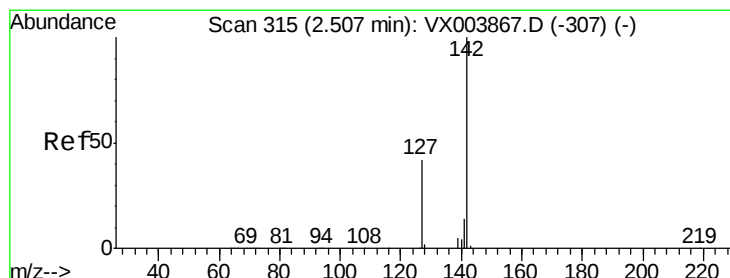
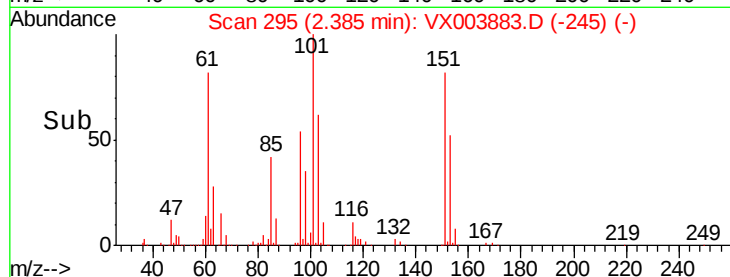
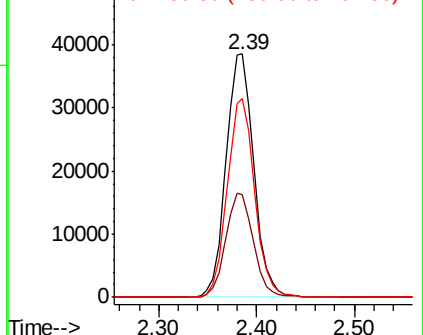
151 80.3 65.0 97.4



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: 18.87 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.00 min

Lab File: VX003883.D

Acq: 07 Aug 2018 16:32

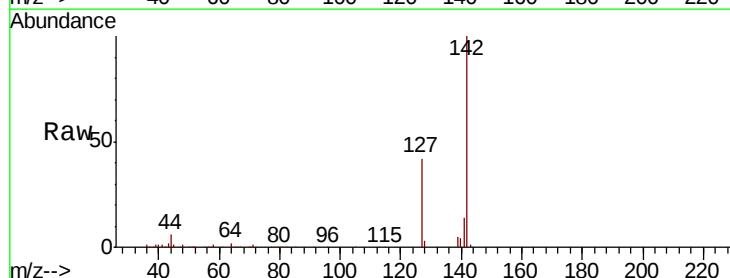
Tgt Ion:142 Resp: 92631

Ion Ratio Lower Upper

142 100

127 41.8 33.1 49.7

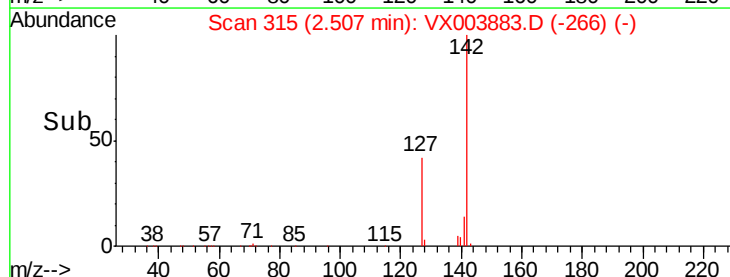
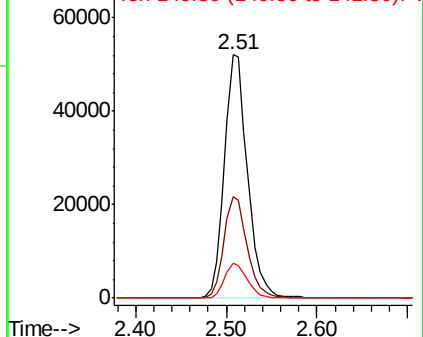
141 14.0 11.1 16.7

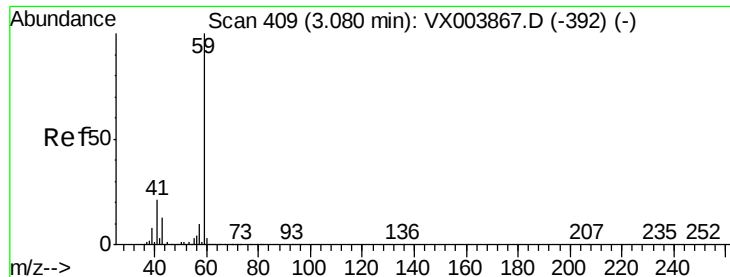


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



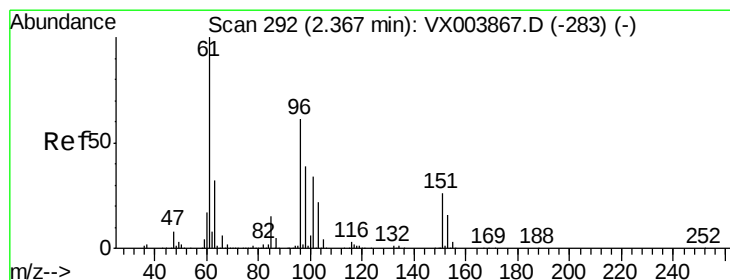
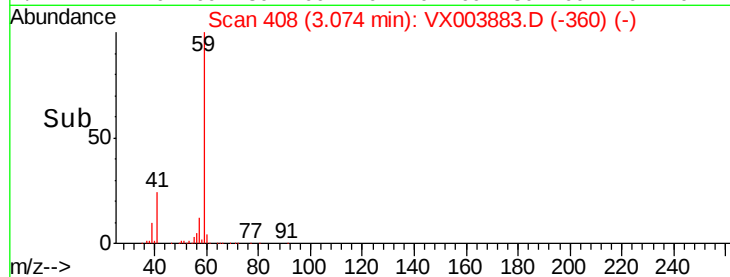
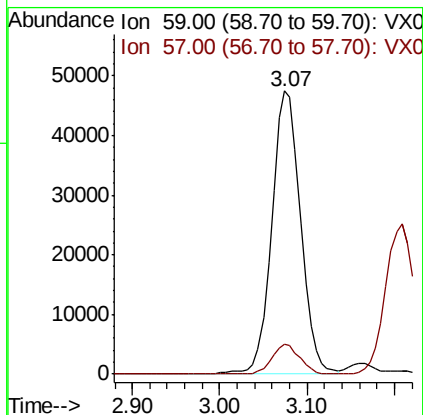
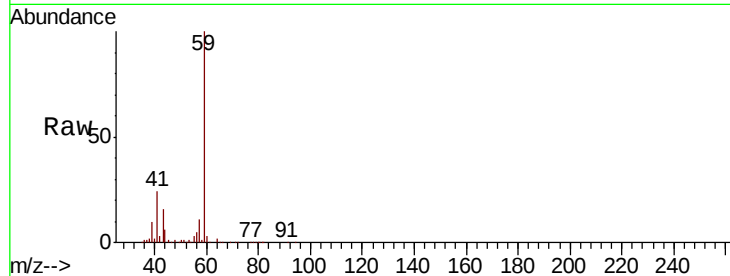


#11

Tert butyl alcohol
 Concen: 98.57 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX003883.D
 Acq: 07 Aug 2018 16:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD01

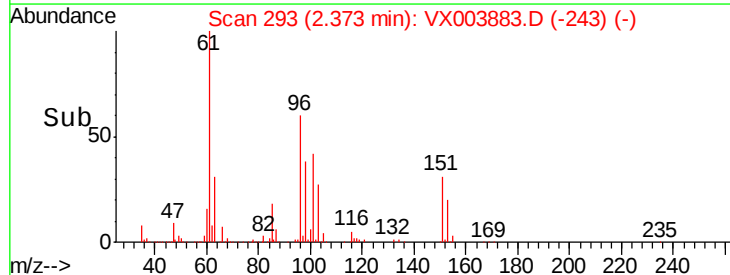
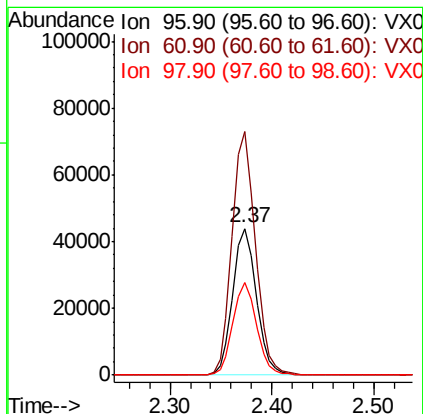
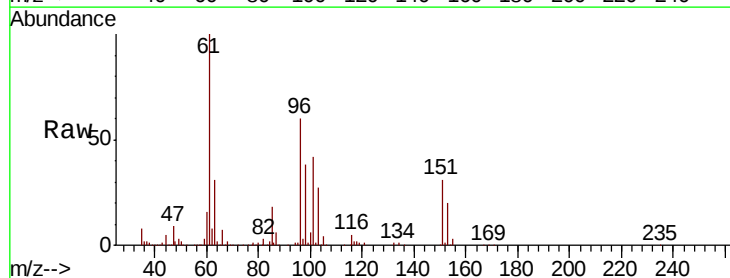
Tot Ion: 59 Resp: 109174
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.1 12.1

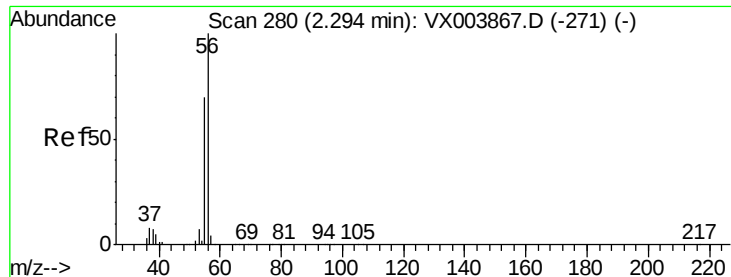


#12

1,1-Dichloroethene
 Concen: 18.91 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: VX003883.D
 Acq: 07 Aug 2018 16:32

Tgt Ion: 96 Resp: 70569
 Ion Ratio Lower Upper
 96 100
 61 166.1 131.3 196.9
 98 63.1 51.8 77.6





#13

Acrolein

Concen: 90.87 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003883.D

Acq: 07 Aug 2018 16:32

Instrument :

MSVOA_X

ClientSampleId :

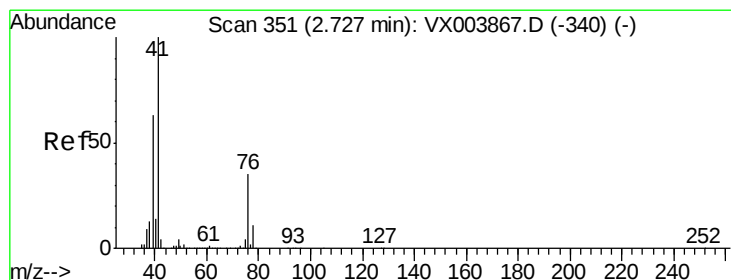
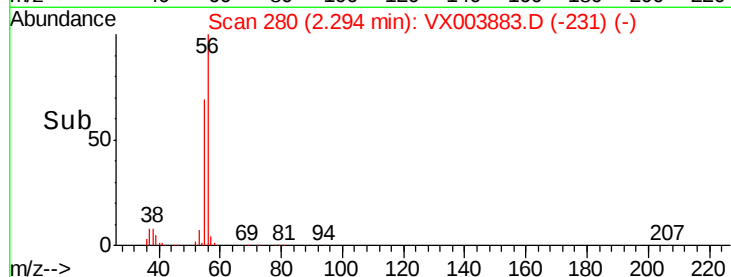
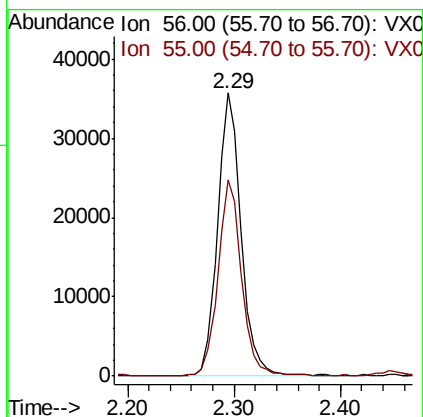
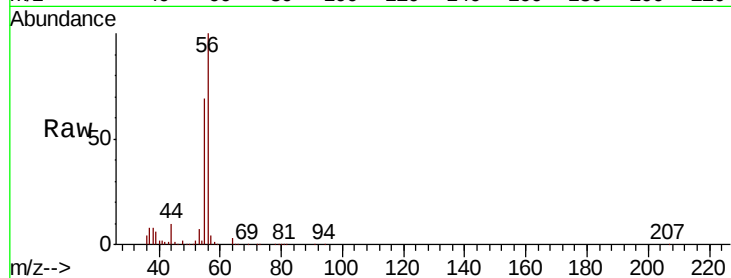
VX0807WBSD01

Tot Ion: 56 Resp: 54187

Ion Ratio Lower Upper

56 100

55 69.2 56.1 84.1



#14

Allyl chloride

Concen: 19.74 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003883.D

Acq: 07 Aug 2018 16:32

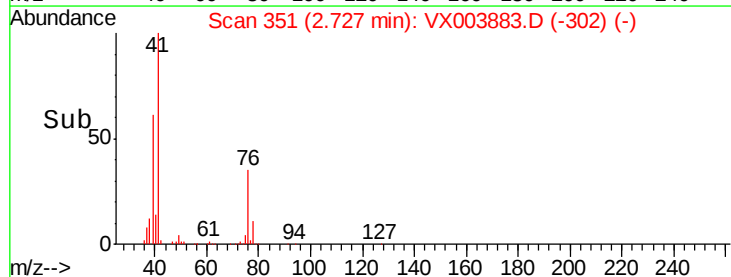
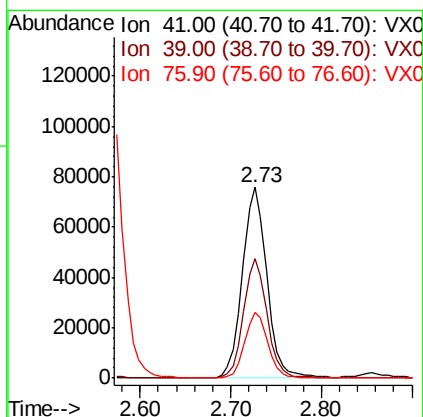
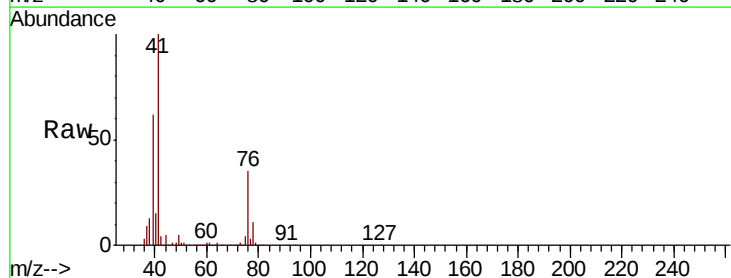
Tgt Ion: 41 Resp: 142017

Ion Ratio Lower Upper

41 100

39 59.5 47.4 71.0

76 32.6 26.0 39.0





#15

Acrylonitrile

Concen: 97.46 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003883.D

Acq: 07 Aug 2018 16:32

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD01

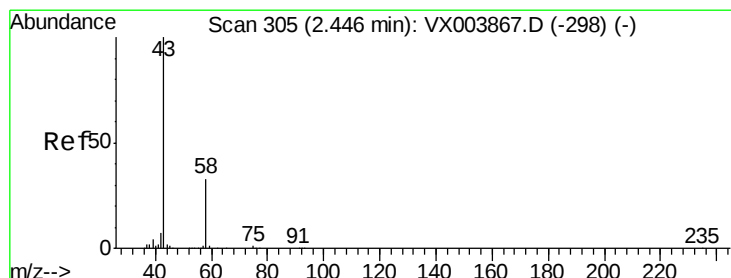
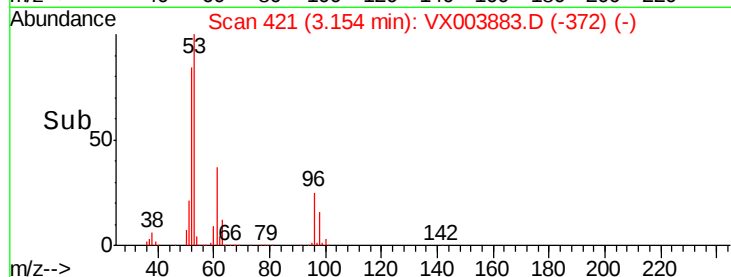
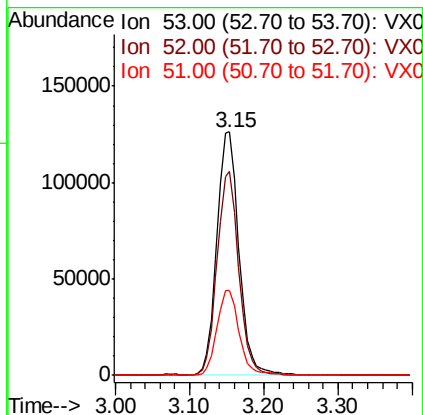
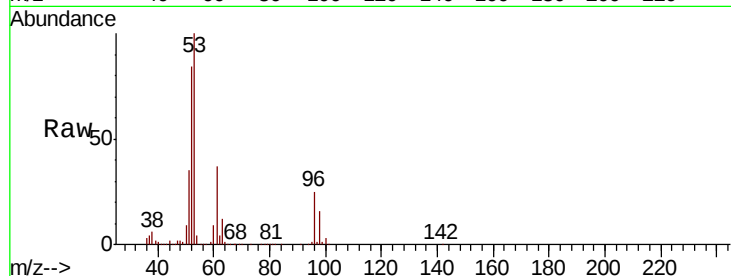
Tot Ion: 53 Resp: 257571

Ion Ratio Lower Upper

53 100

52 82.2 65.3 97.9

51 35.1 27.9 41.9



#16

Acetone

Concen: 101.64 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003883.D

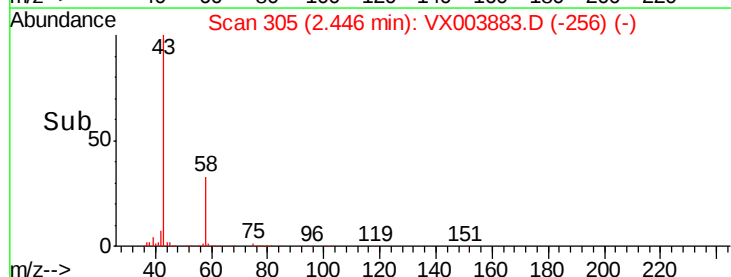
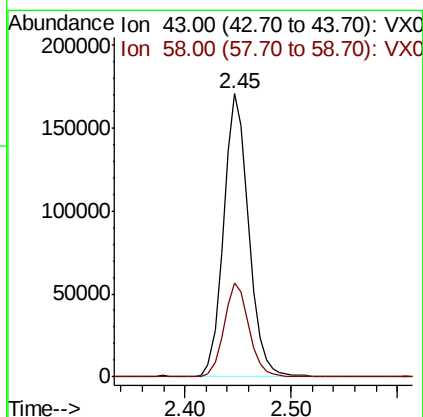
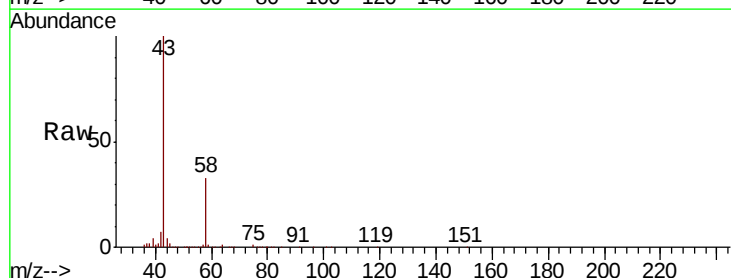
Acq: 07 Aug 2018 16:32

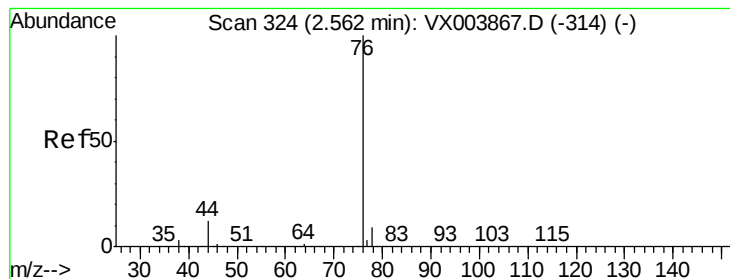
Tgt Ion: 43 Resp: 278732

Ion Ratio Lower Upper

43 100

58 33.2 26.4 39.6





#17

Carbon Disulfide

Concen: 18.71 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003883.D

Acq: 07 Aug 2018 16:32

Instrument :

MSVOA_X

ClientSampleId :

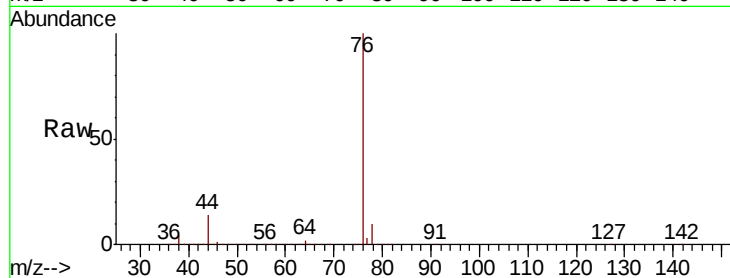
VX0807WBSD01

Tot Ion: 76 Resp: 194985

Ion Ratio Lower Upper

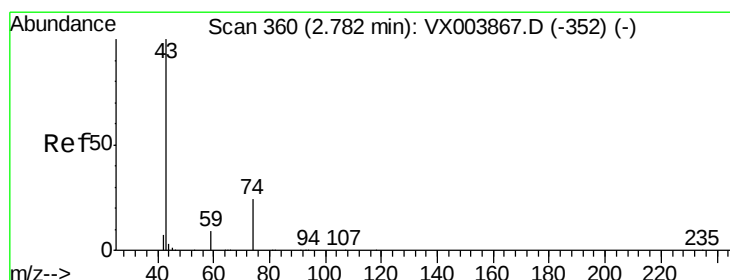
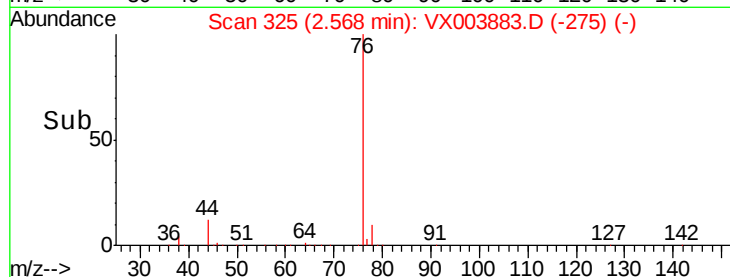
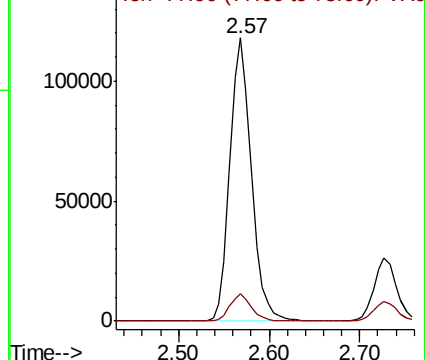
76 100

78 9.4 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.29 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX003883.D

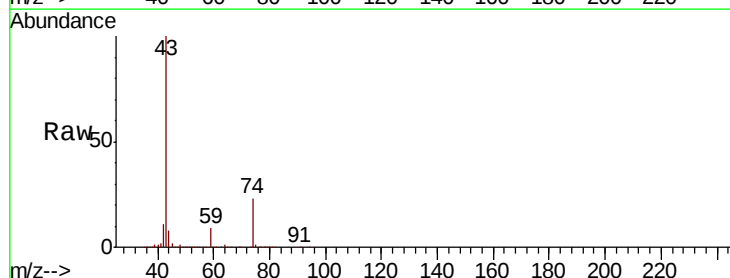
Acq: 07 Aug 2018 16:32

Tgt Ion: 43 Resp: 121173

Ion Ratio Lower Upper

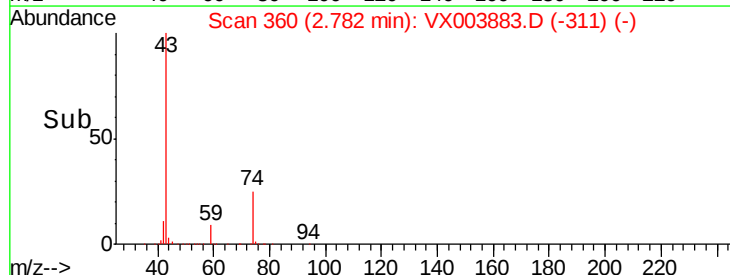
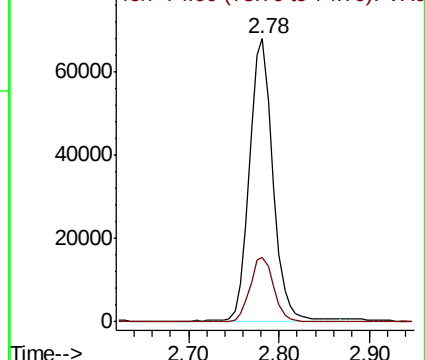
43 100

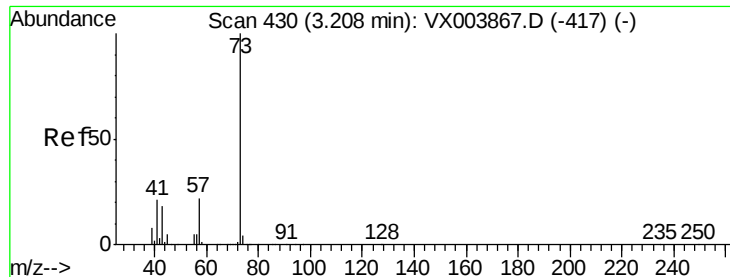
74 23.2 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



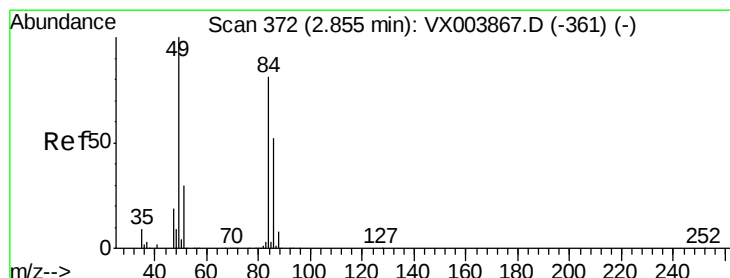
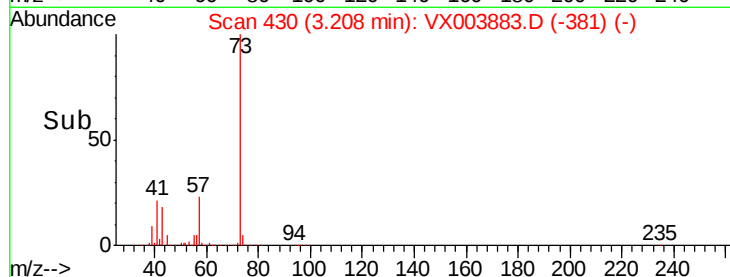
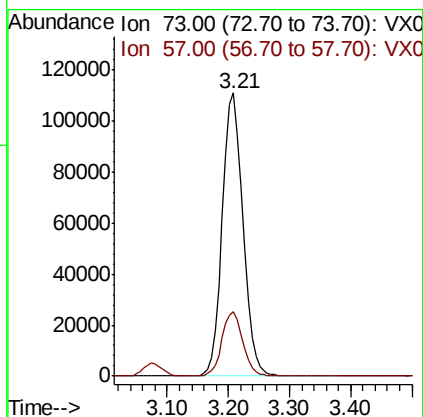
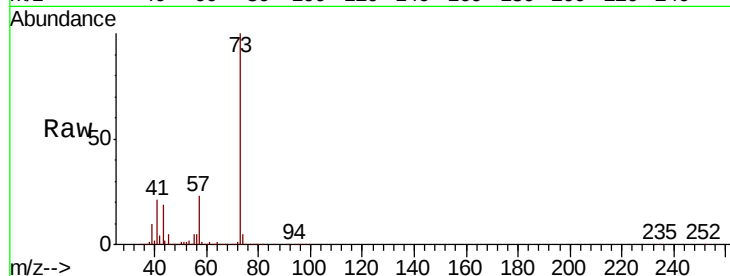


#19

Methyl tert-butyl Ether
 Concen: 19.68 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: VX003883.D
 Acq: 07 Aug 2018 16:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD01

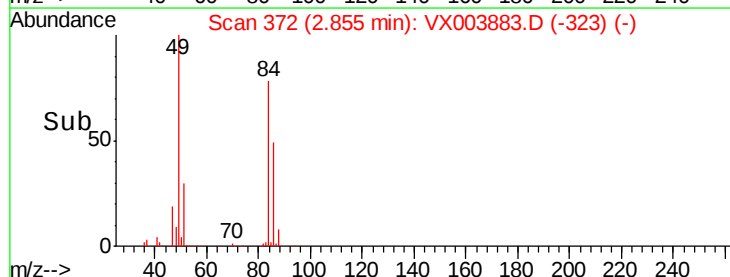
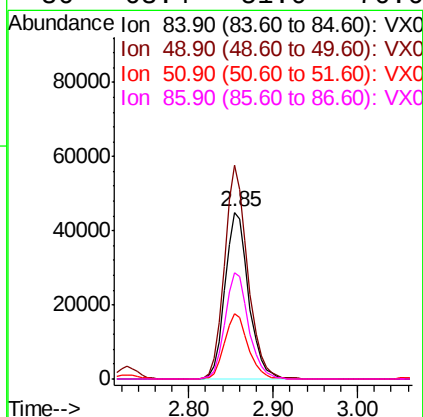
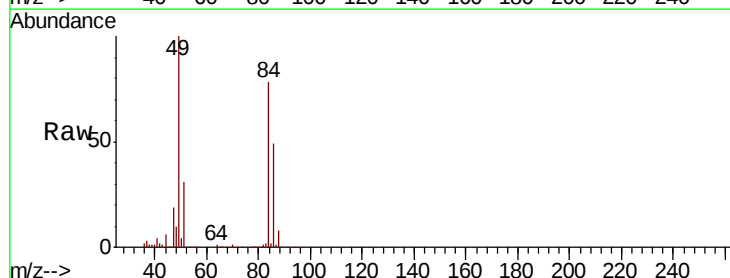
Tot Ion: 73 Resp: 260251
 Ion Ratio Lower Upper
 73 100
 57 22.6 18.0 27.0

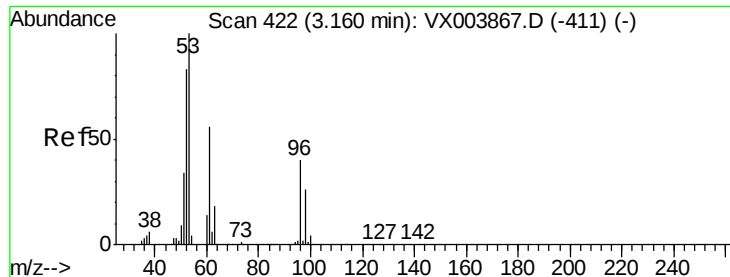


#20

Methylene Chloride
 Concen: 18.84 ug/l
 RT: 2.85 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: VX003883.D
 Acq: 07 Aug 2018 16:32

Tgt Ion: 84 Resp: 86341
 Ion Ratio Lower Upper
 84 100
 49 128.1 98.9 148.3
 51 39.0 29.9 44.9
 86 63.4 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 18.66 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003883.D

Acq: 07 Aug 2018 16:32

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD01

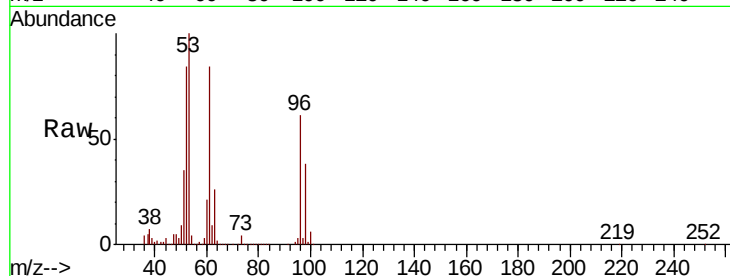
Tot Ion: 96 Resp: 79077

Ion Ratio Lower Upper

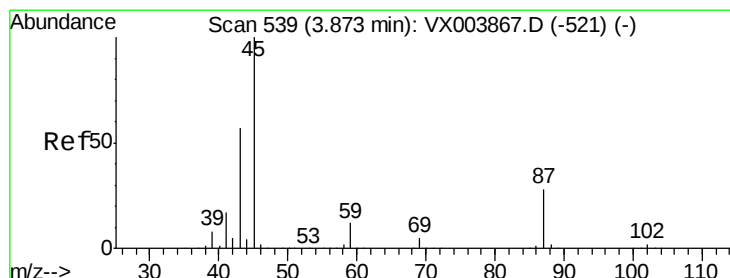
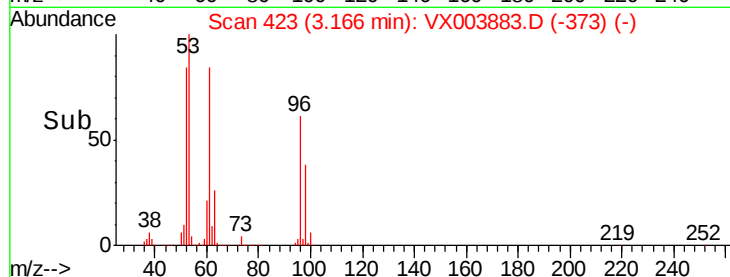
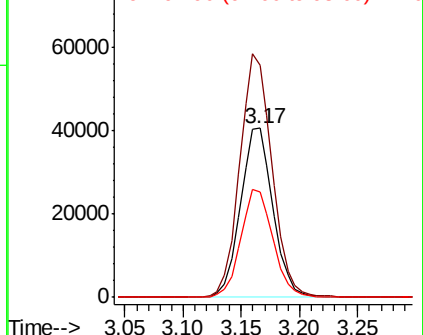
96 100

61 137.3 111.8 167.6

98 62.3 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: 19.26 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX003883.D

Acq: 07 Aug 2018 16:32

Tgt Ion: 45 Resp: 254721

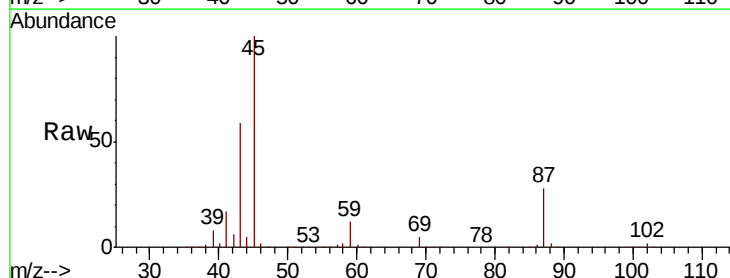
Ion Ratio Lower Upper

45 100

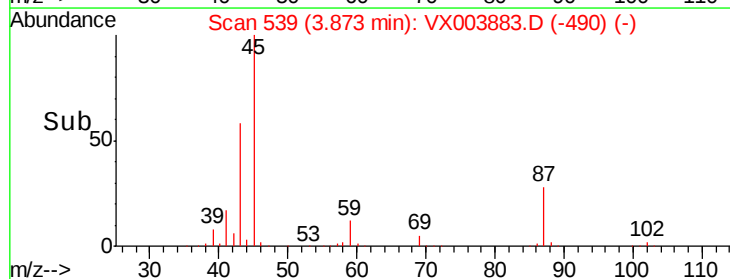
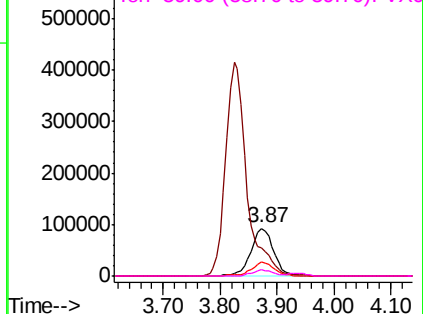
43 58.4 45.3 67.9

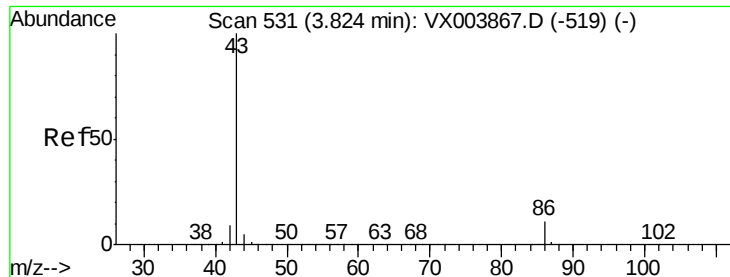
87 28.5 22.7 34.1

59 12.4 9.6 14.4



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





#23

Vinyl Acetate

Concen: 97.35 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.00 min

Lab File: VX003883.D

Acq: 07 Aug 2018 16:32

Instrument :

MSVOA_X

ClientSampleId :

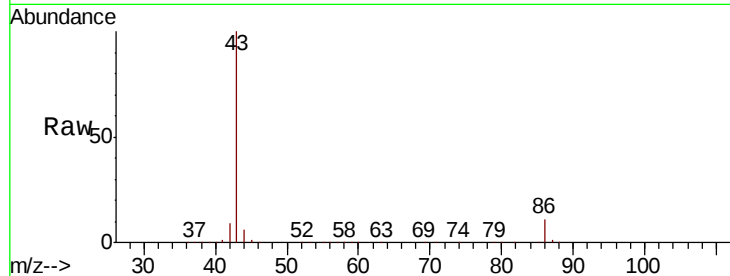
VX0807WBSD01

Tot Ion: 43 Resp: 1071221

Ion Ratio Lower Upper

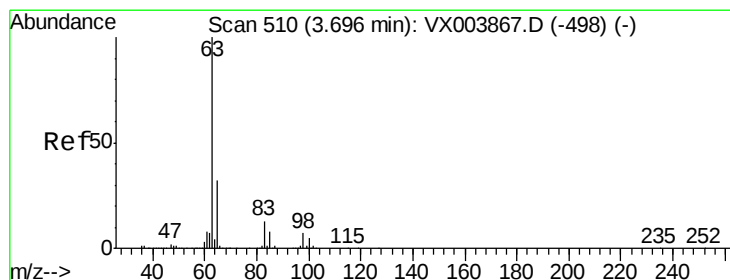
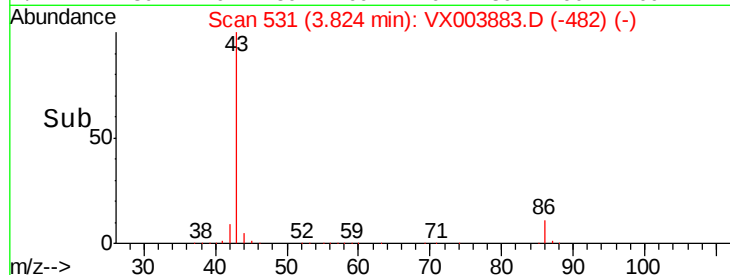
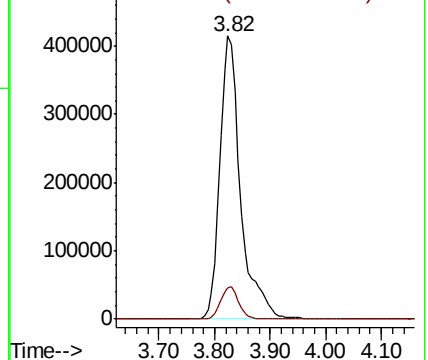
43 100

86 11.0 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.64 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003883.D

Acq: 07 Aug 2018 16:32

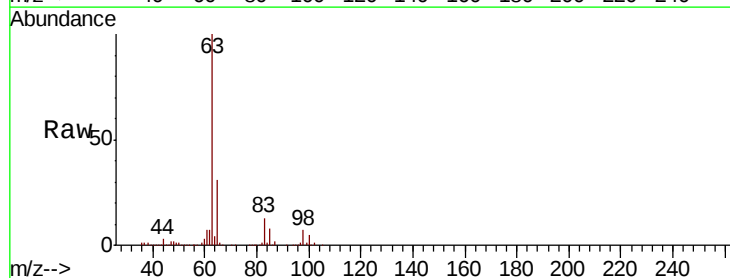
Tgt Ion: 63 Resp: 154275

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

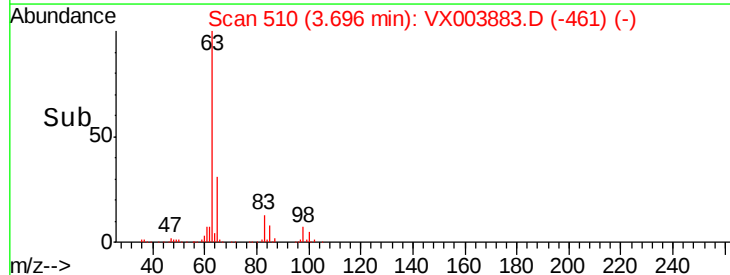
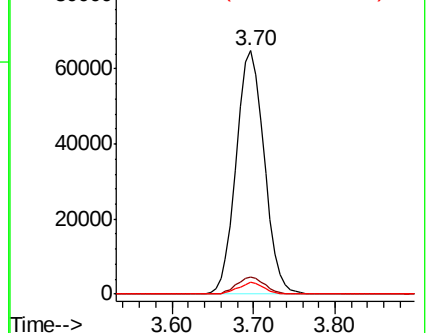
100 4.7 2.3 6.8

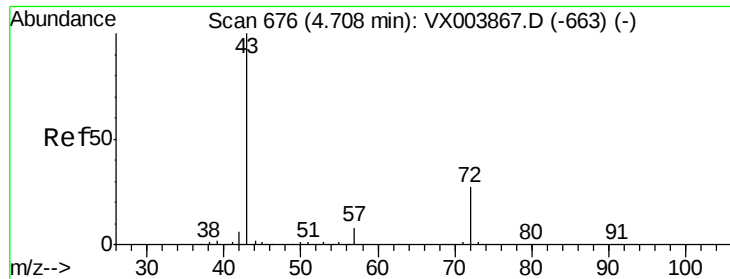


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

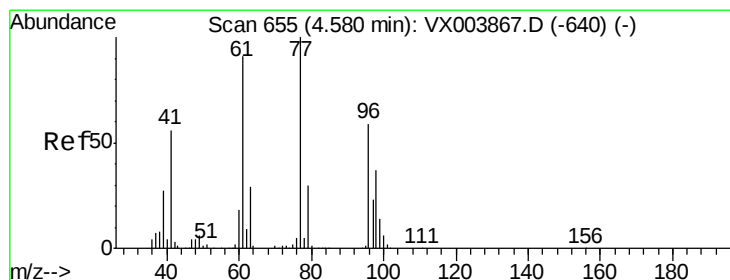
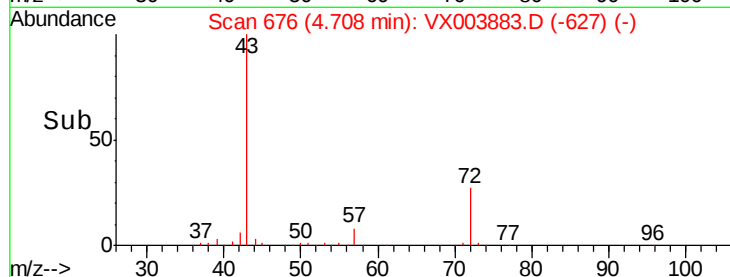
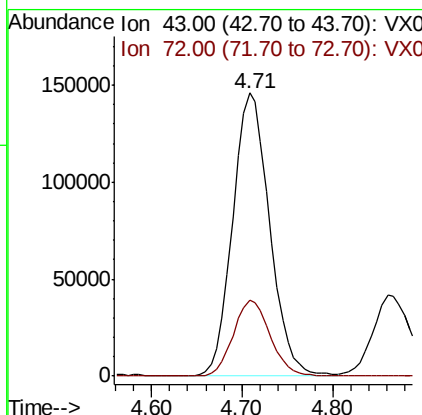
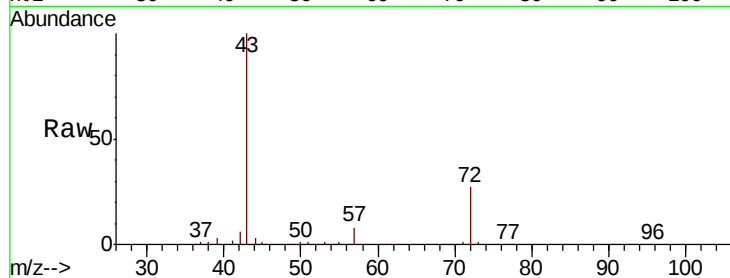




#25
 2-Butanone
 Concen: 99.85 ug/l
 RT: 4.71 min Scan# 676
 Delta R.T. -0.00 min
 Lab File: VX003883.D
 Acq: 07 Aug 2018 16:32

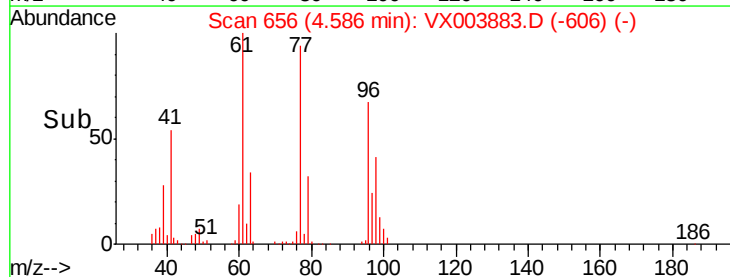
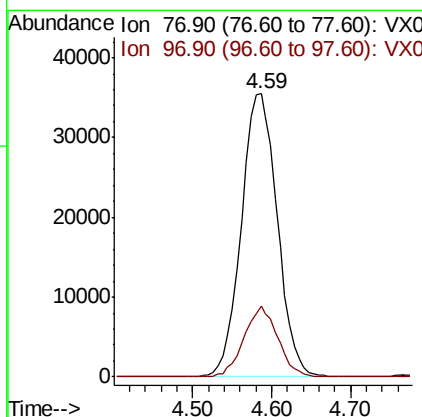
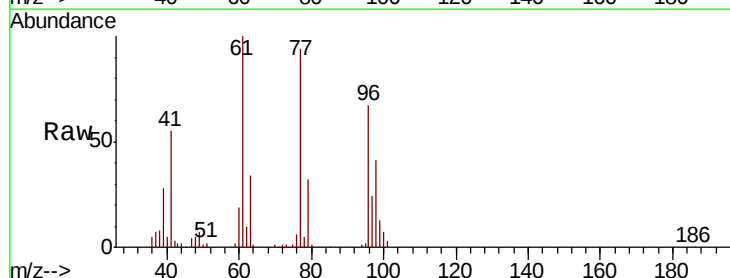
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD01

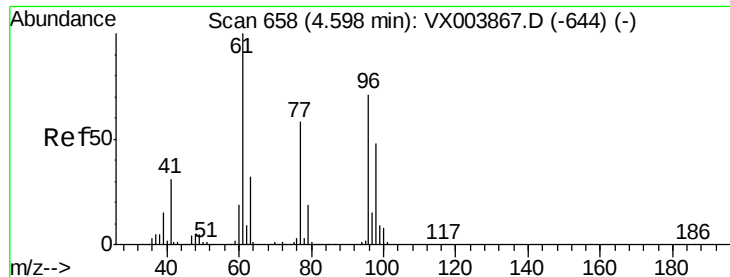
Tot Ion: 43 Resp: 411673
 Ion Ratio Lower Upper
 43 100
 72 27.0 21.4 32.0



#26
 2,2-Dichloropropane
 Concen: 19.88 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. 0.01 min
 Lab File: VX003883.D
 Acq: 07 Aug 2018 16:32

Tgt Ion: 77 Resp: 112603
 Ion Ratio Lower Upper
 77 100
 97 23.4 11.9 35.9



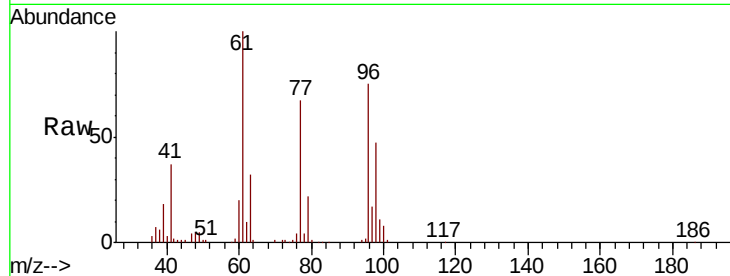


#27

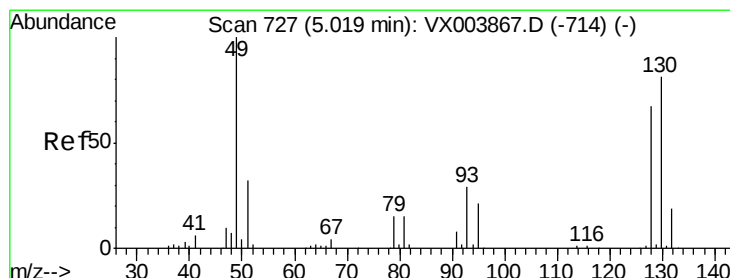
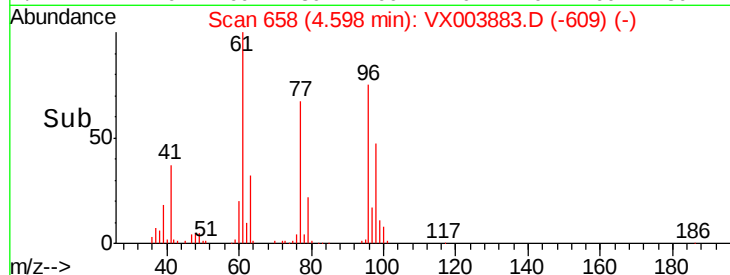
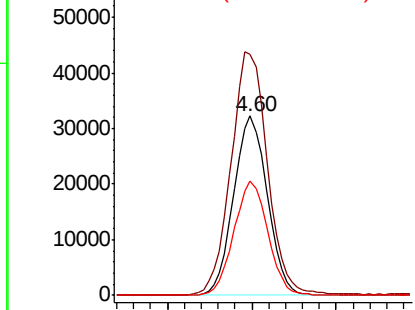
cis-1,2-Dichloroethene
 Concen: 19.06 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: VX003883.D
 Acq: 07 Aug 2018 16:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD01

Tot Ion	96	Resp	87635
Ion	Ratio	Lower	Upper
96	100		
61	147.2	0.0	293.0
98	63.8	0.0	131.8



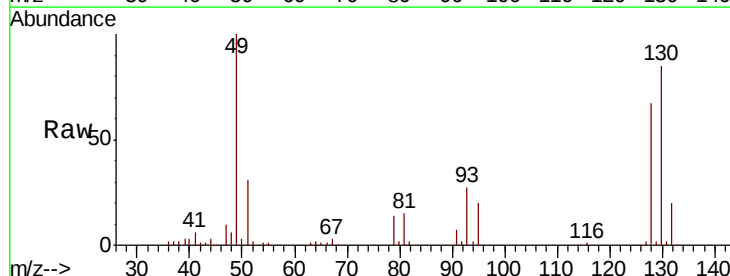
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



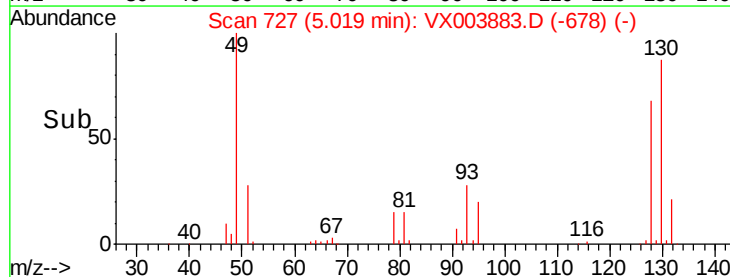
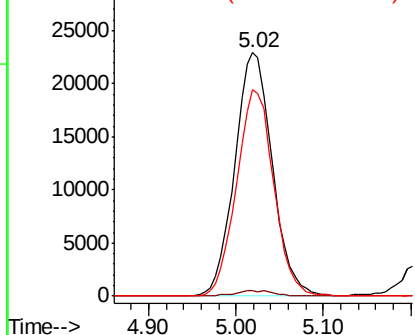
#28

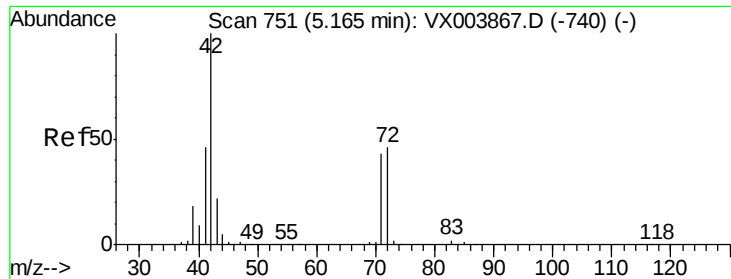
Bromochloromethane
 Concen: 20.37 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: VX003883.D
 Acq: 07 Aug 2018 16:32

Tgt Ion	49	Resp	68487
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	83.5	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

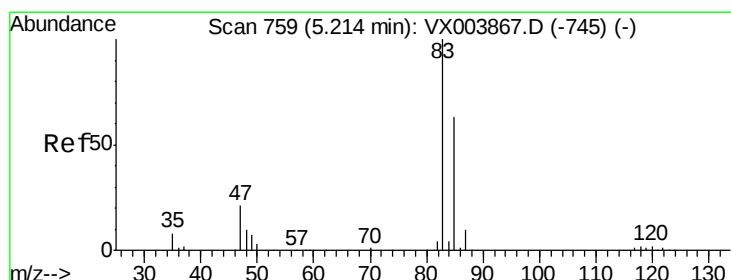
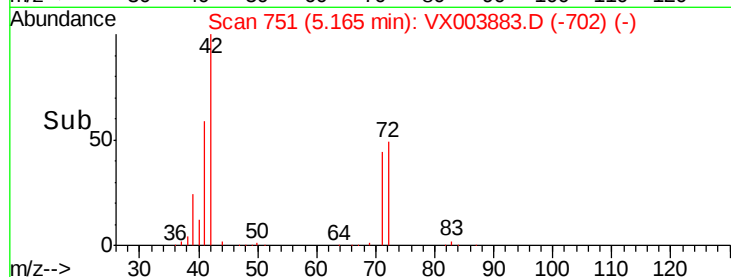
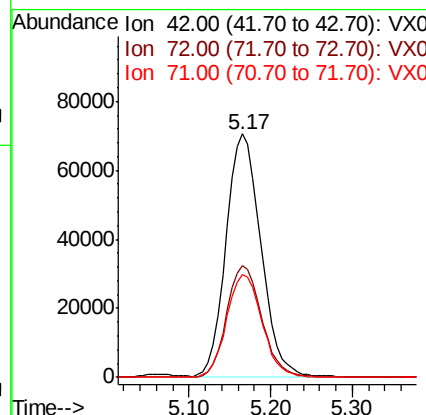
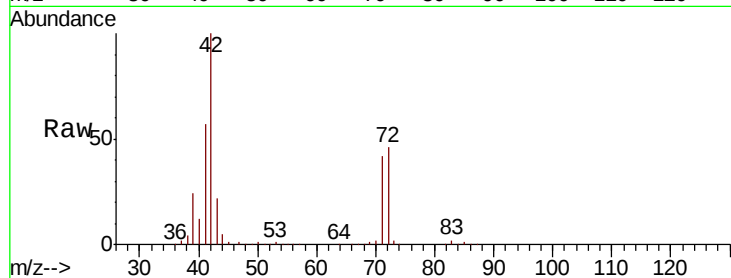




#29
Tetrahydrofuran
Concen: 97.96 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX003883.D
Acq: 07 Aug 2018 16:32

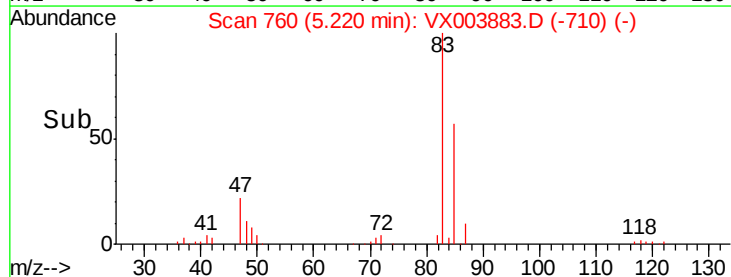
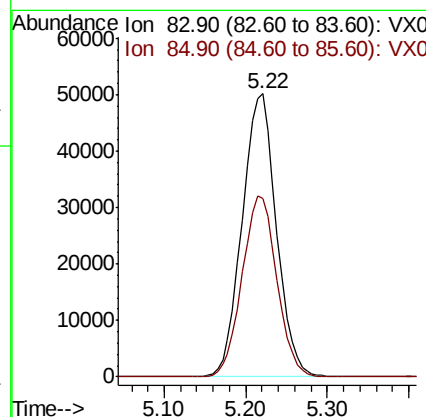
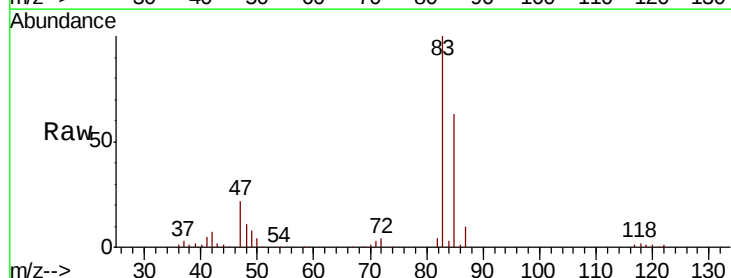
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD01

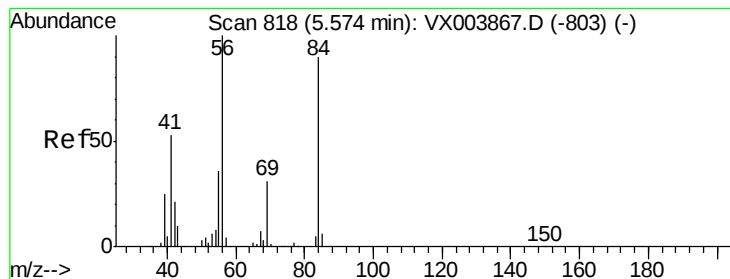
Tot Ion: 42 Resp: 207597
Ion Ratio Lower Upper
42 100
72 46.7 37.7 56.5
71 43.2 35.0 52.6



#30
Chloroform
Concen: 19.74 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX003883.D
Acq: 07 Aug 2018 16:32

Tgt Ion: 83 Resp: 145954
Ion Ratio Lower Upper
83 100
85 63.1 50.7 76.1





#31

Cyclohexane

Concen: 18.86 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX003883.D

Acq: 07 Aug 2018 16:32

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD01

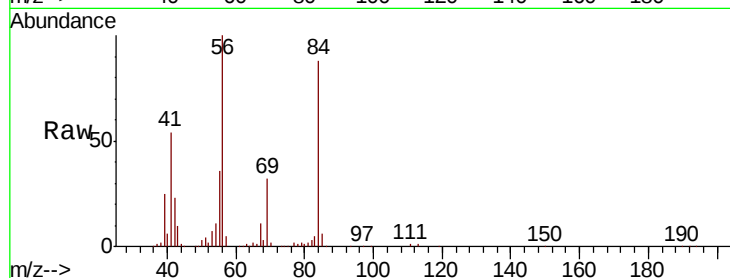
Tot Ion: 56 Resp: 125325

Ion Ratio Lower Upper

56 100

69 31.8 24.9 37.3

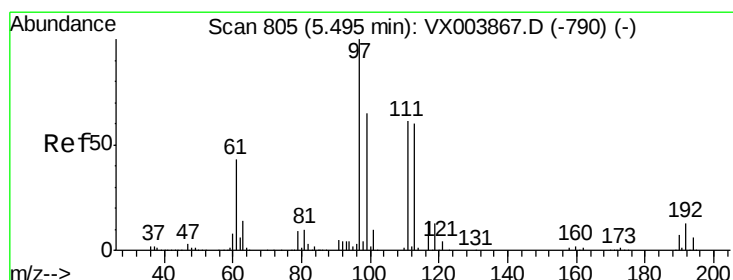
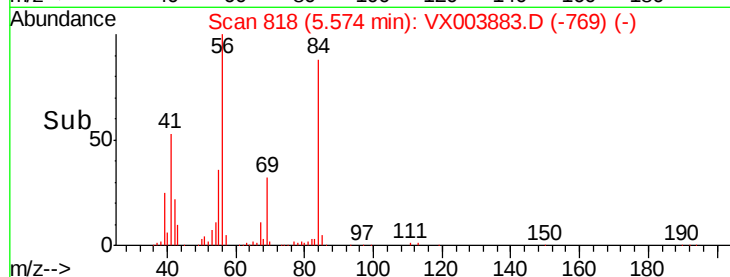
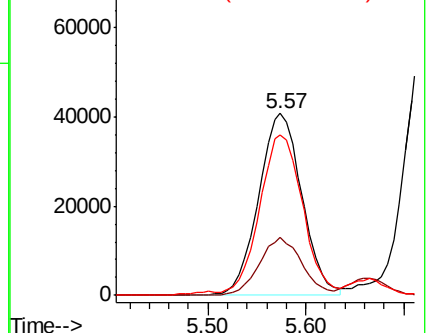
84 86.9 71.7 107.5



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: 19.78 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX003883.D

Acq: 07 Aug 2018 16:32

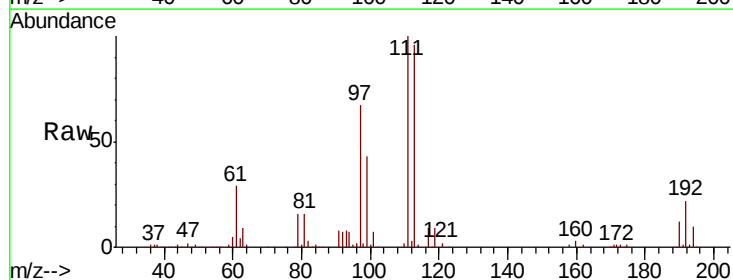
Tgt Ion: 97 Resp: 122688

Ion Ratio Lower Upper

97 100

99 63.9 51.8 77.8

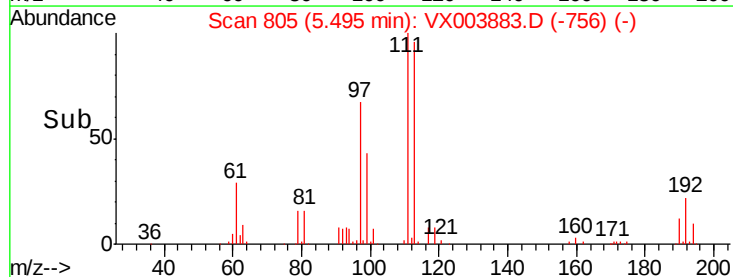
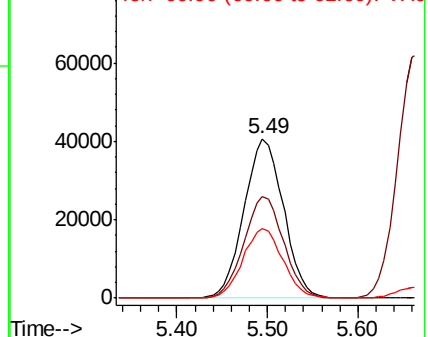
61 44.2 34.4 51.6

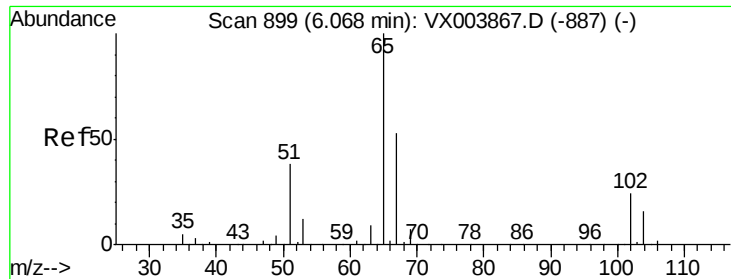


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 50.30 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003883.D

Acq: 07 Aug 2018 16:32

Instrument :

MSVOA_X

ClientSampleId :

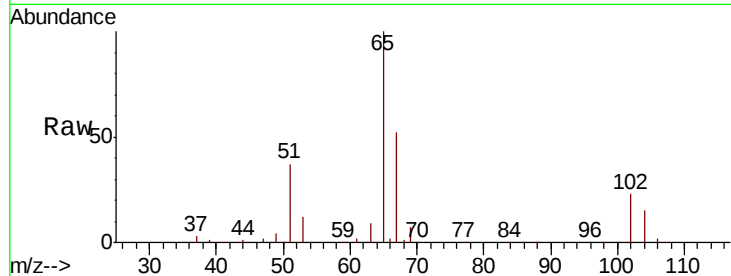
VX0807WBSD01

Tot Ion: 65 Resp: 231875

Ion Ratio Lower Upper

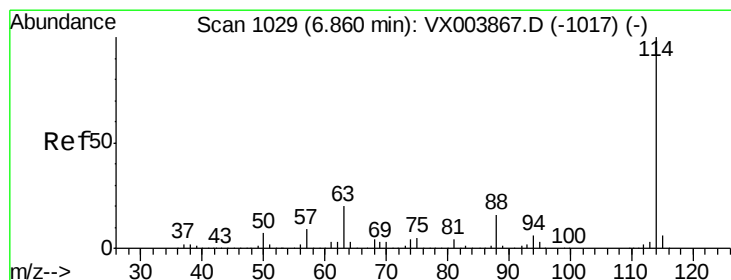
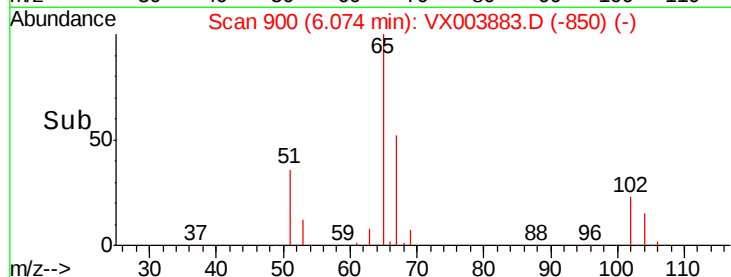
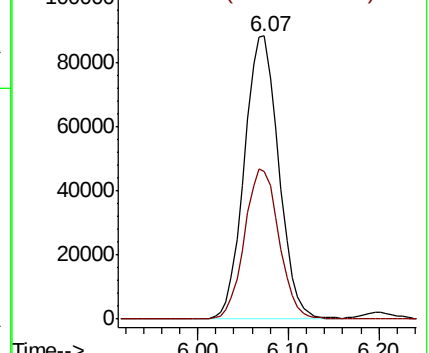
65 100

67 53.0 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VX003883.D

Acq: 07 Aug 2018 16:32

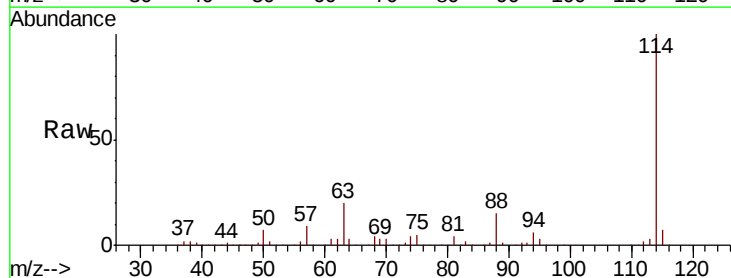
Tgt Ion: 114 Resp: 509608

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.0

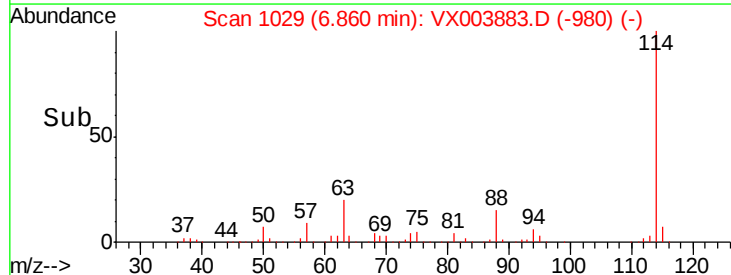
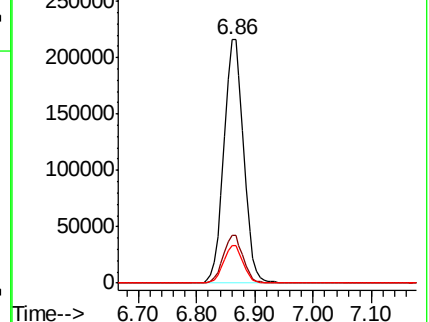
88 15.3 0.0 32.0

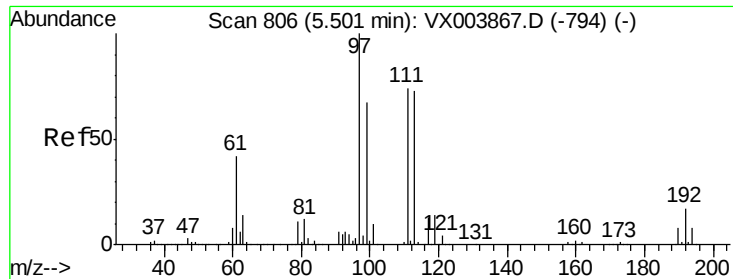


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

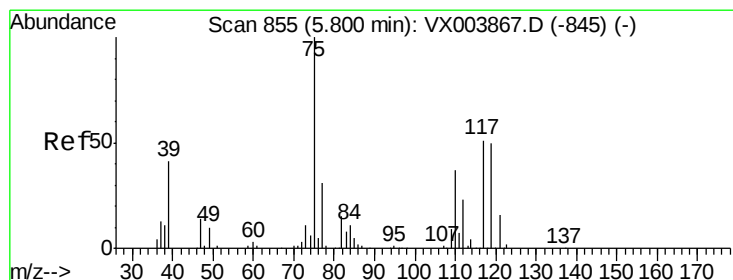
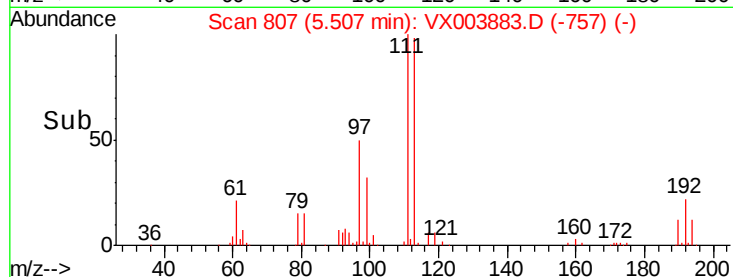
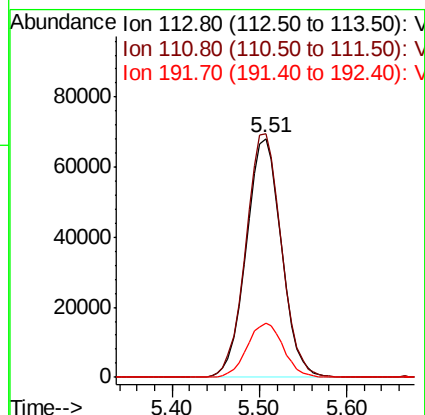
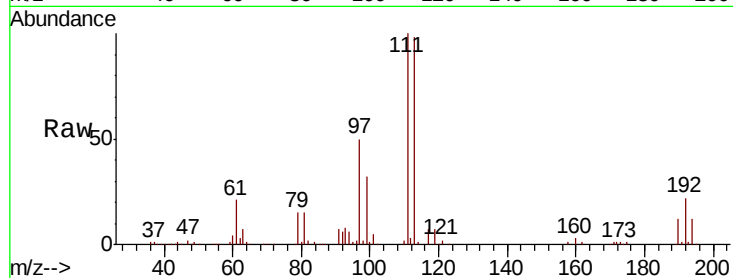




#35
 Dibromofluoromethane
 Concen: 49.40 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX003883.D
 Acq: 07 Aug 2018 16:32

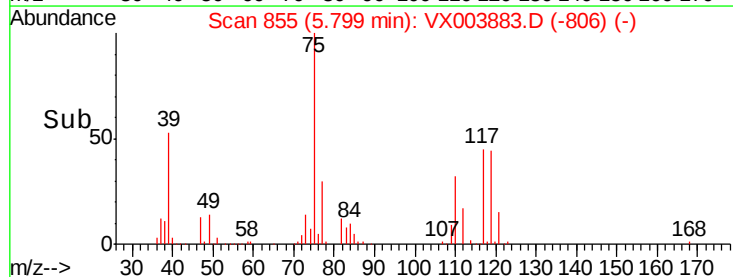
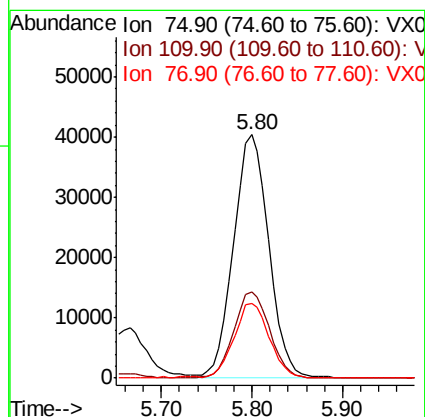
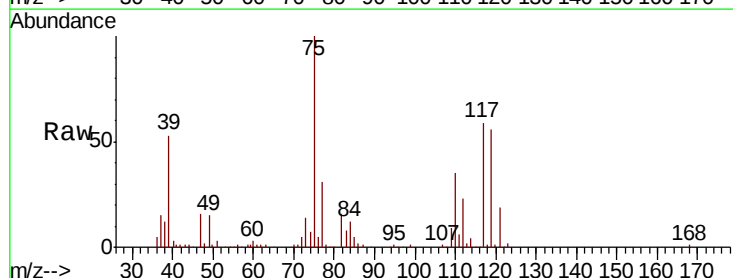
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD01

Tot Ion:113 Resp: 190701
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.0 123.0
 192 23.3 19.0 28.4



#36
 1,1-Dichloropropene
 Concen: 19.02 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX003883.D
 Acq: 07 Aug 2018 16:32

Tgt Ion: 75 Resp: 108536
 Ion Ratio Lower Upper
 75 100
 110 36.1 18.2 54.6
 77 31.0 25.0 37.4

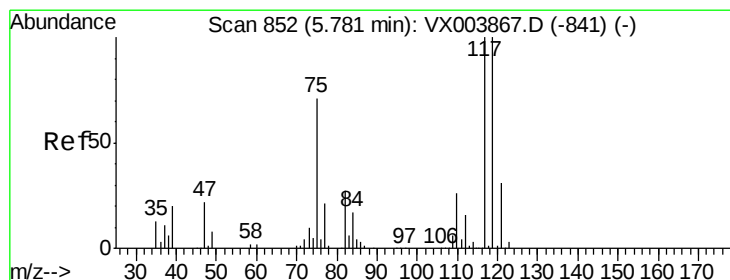
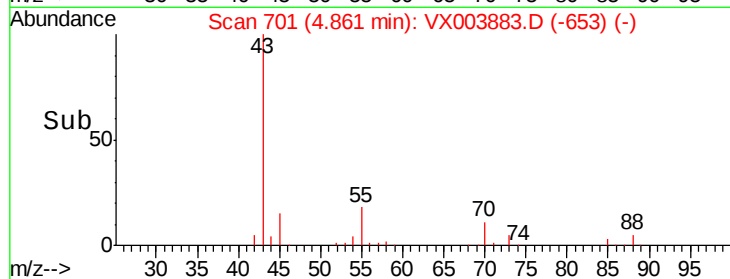
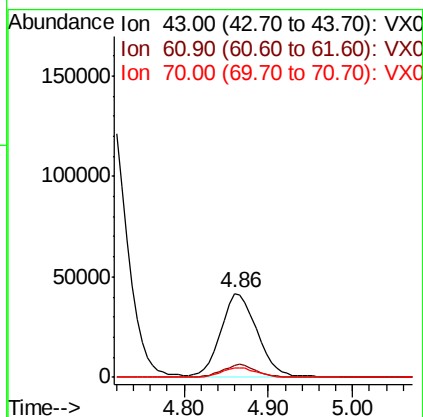
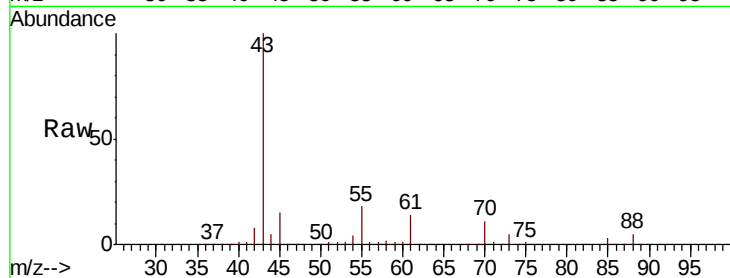




#37
Ethyl Acetate
Concen: 19.45 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX003883.D
Acq: 07 Aug 2018 16:32

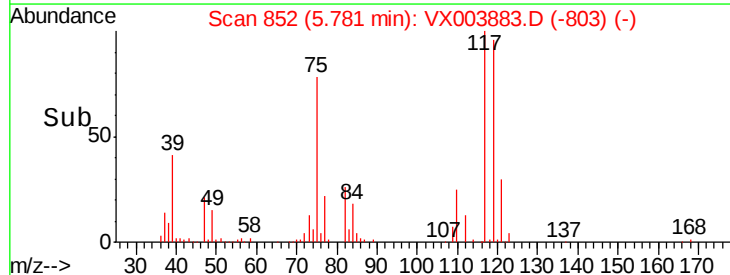
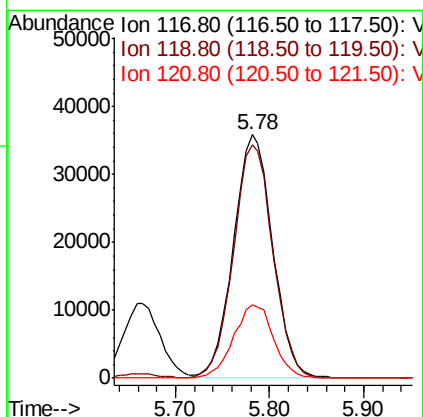
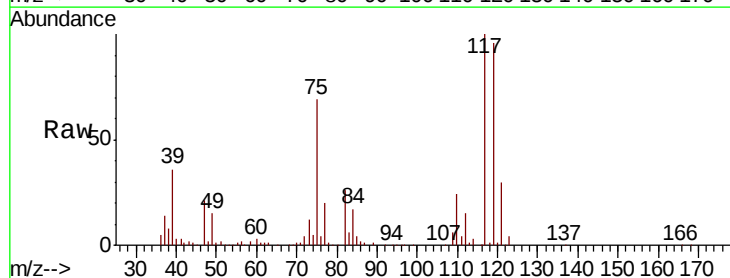
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD01

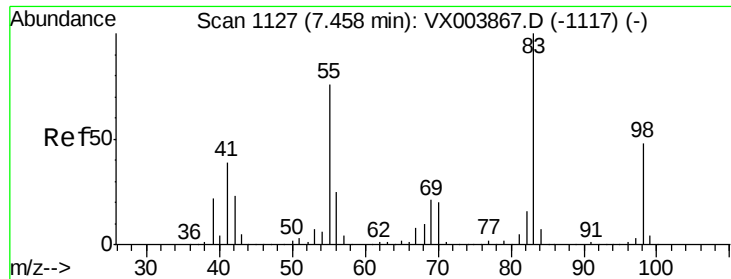
Tot Ion: 43 Resp: 122142
Ion Ratio Lower Upper
43 100
61 14.3 11.5 17.3
70 11.3 9.0 13.4



#38
Carbon Tetrachloride
Concen: 19.15 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.00 min
Lab File: VX003883.D
Acq: 07 Aug 2018 16:32

Tgt Ion: 117 Resp: 104038
Ion Ratio Lower Upper
117 100
119 95.9 79.5 119.3
121 30.4 25.0 37.4

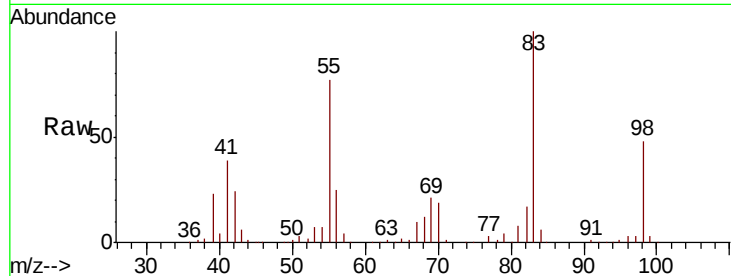




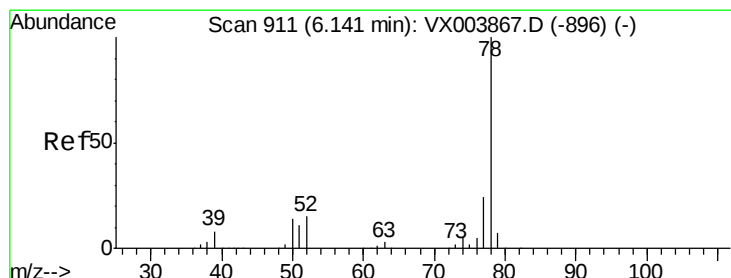
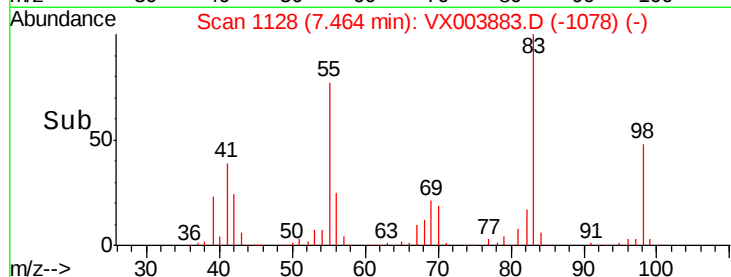
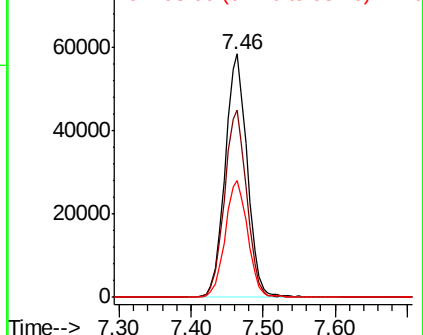
#39
Methvlcvclohexane
Concen: 18.63 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX003883.D
Acq: 07 Aug 2018 16:32

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.0	61.0	91.6
98	47.9	38.6	57.8

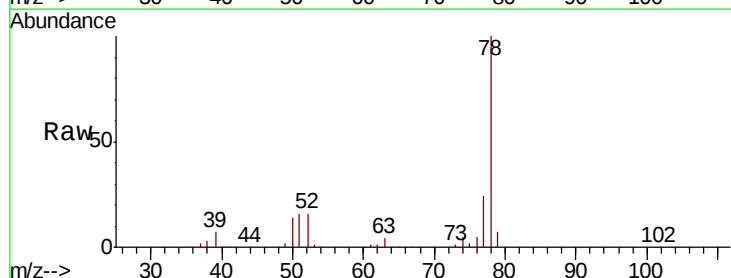


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

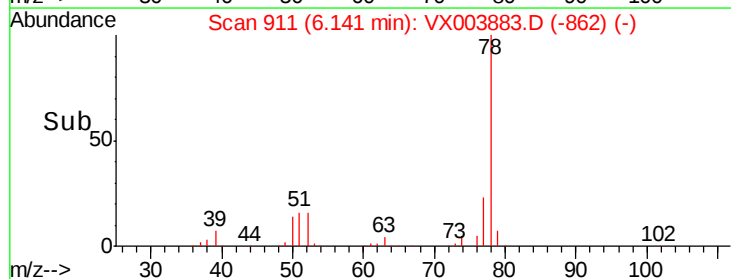
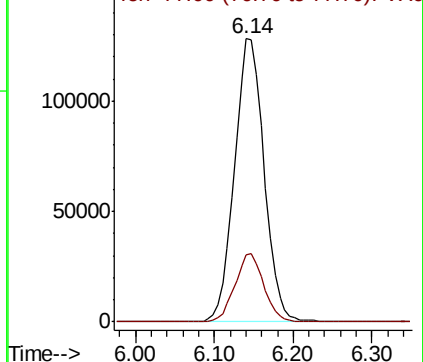


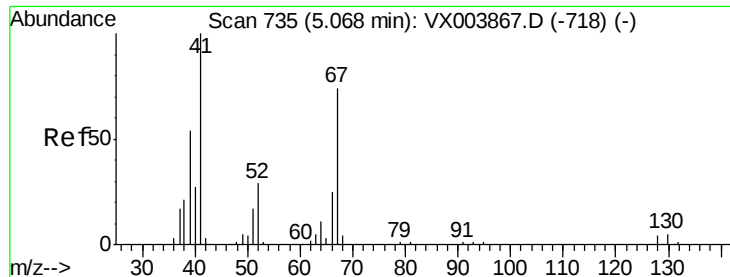
#40
Benzene
Concen: 19.56 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.00 min
Lab File: VX003883.D
Acq: 07 Aug 2018 16:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.4



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

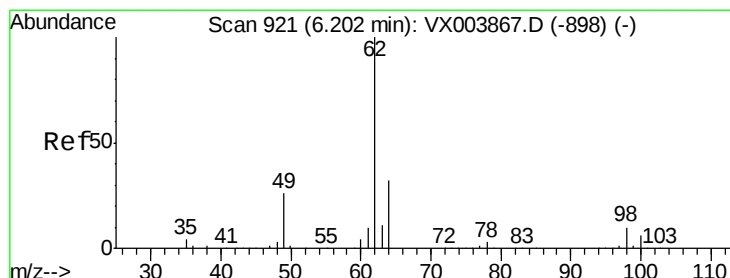
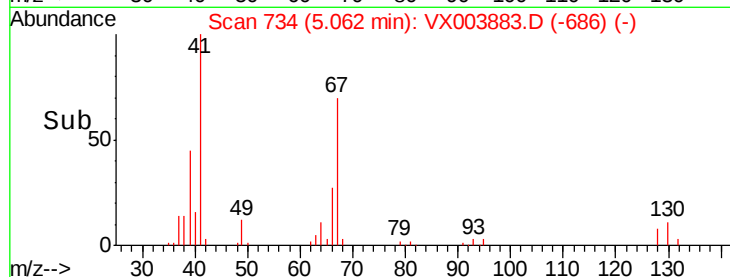
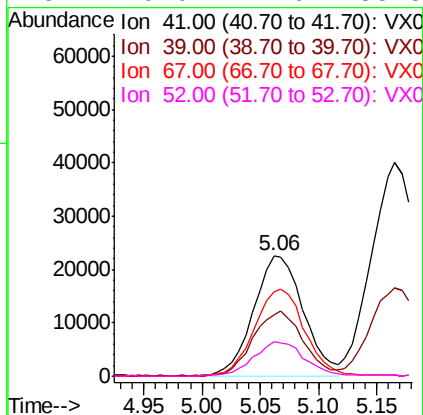
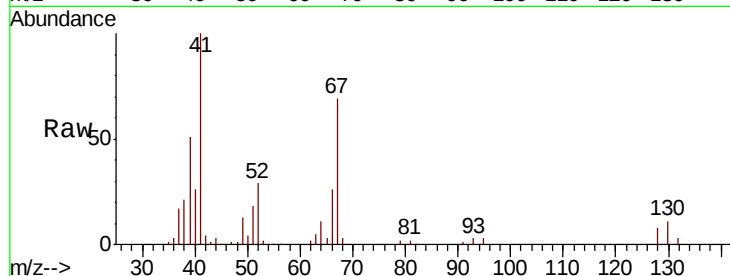




#41
Methacrylonitrile
Concen: 19.33 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX003883.D
Acq: 07 Aug 2018 16:32

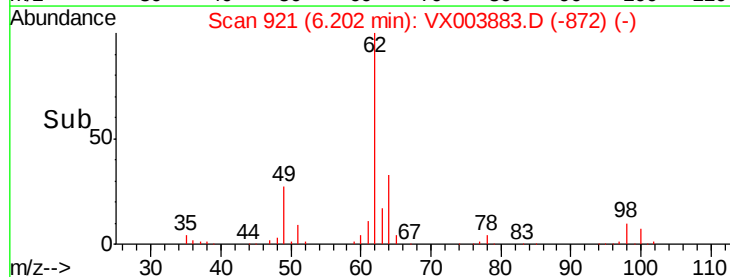
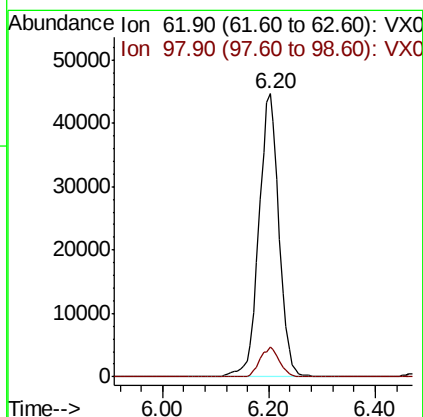
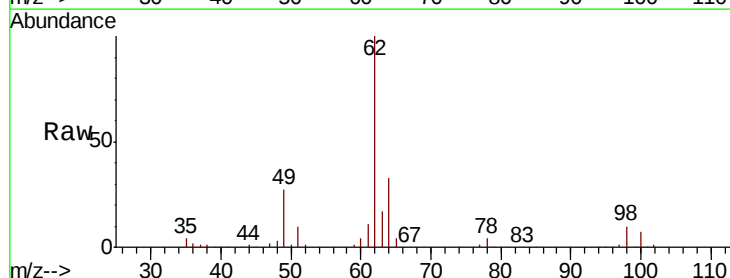
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD01

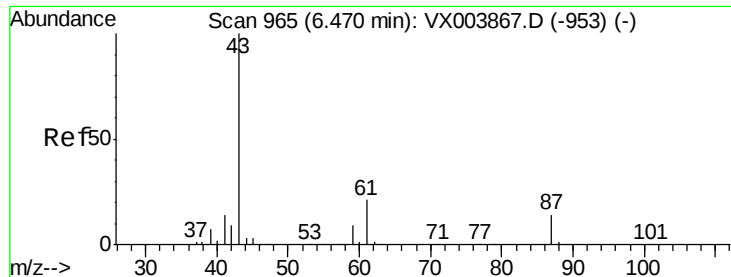
Tot Ion:	41	Resp:	66841
Ion	Ratio	Lower	Upper
41	100		
39	54.1	42.7	64.1
67	73.6	58.9	88.3
52	29.0	22.6	33.8



#42
1,2-Dichloroethane
Concen: 20.05 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003883.D
Acq: 07 Aug 2018 16:32

Tgt Ion:	62	Resp:	116193
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.4





#43

Isopropyl Acetate

Concen: 19.37 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX003883.D

Acq: 07 Aug 2018 16:32

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD01

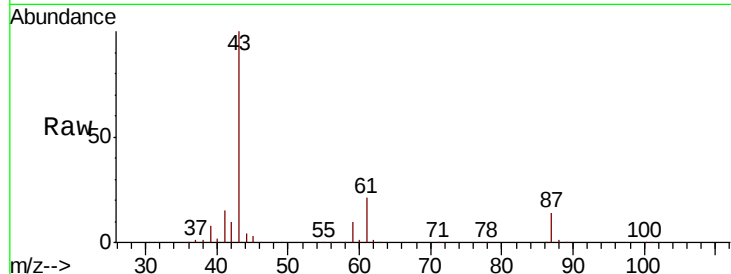
Tot Ion: 43 Resp: 183016

Ion Ratio Lower Upper

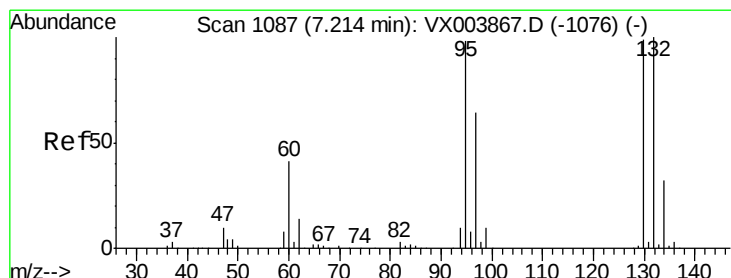
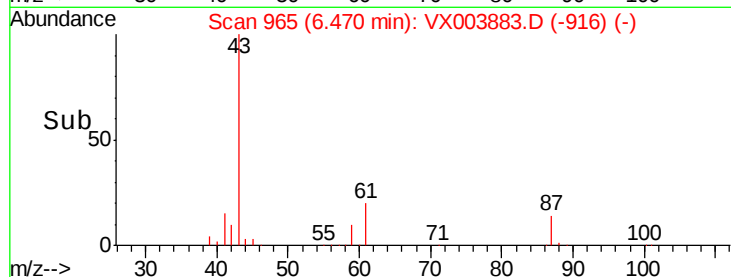
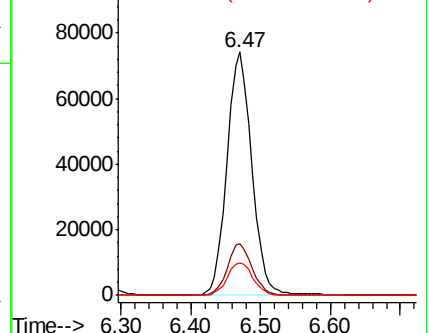
43 100

61 21.2 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: 18.79 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX003883.D

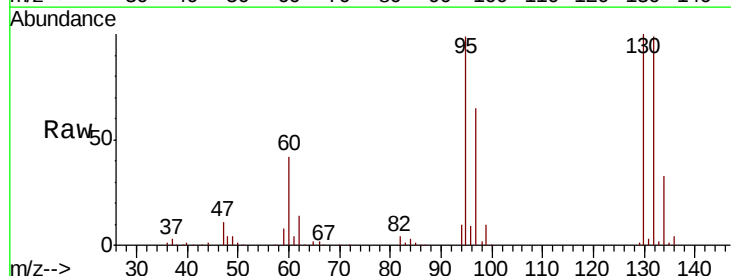
Acq: 07 Aug 2018 16:32

Tgt Ion:130 Resp: 88090

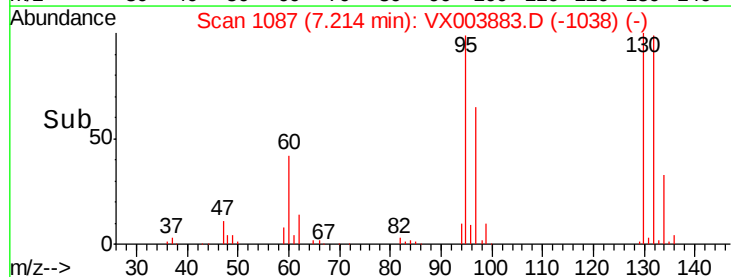
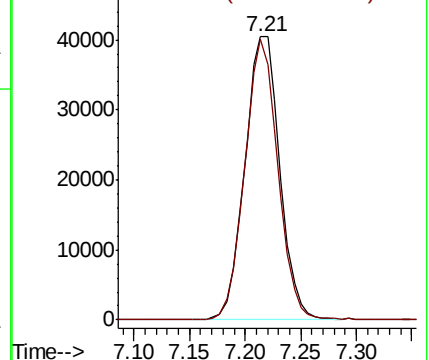
Ion Ratio Lower Upper

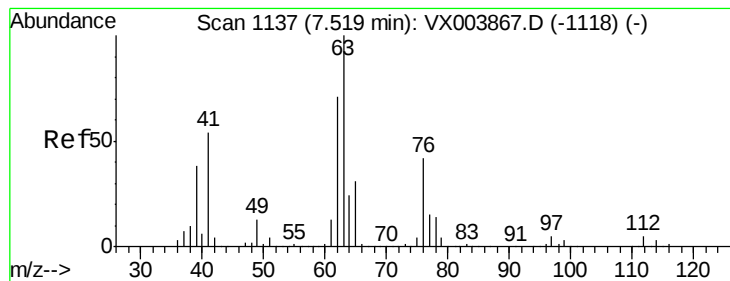
130 100

95 99.3 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: 19.62 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX003883.D

Acq: 07 Aug 2018 16:32

Instrument :

MSVOA_X

ClientSampleId :

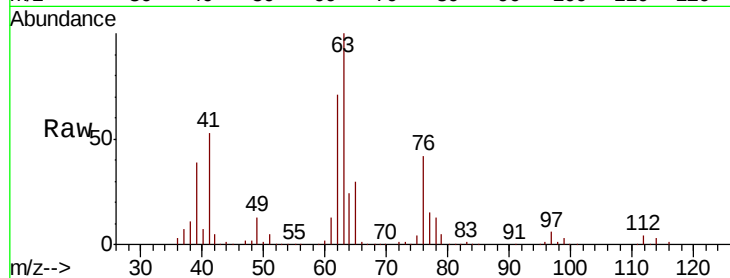
VX0807WBSD01

Tot Ion: 63 Resp: 86825

Ion Ratio Lower Upper

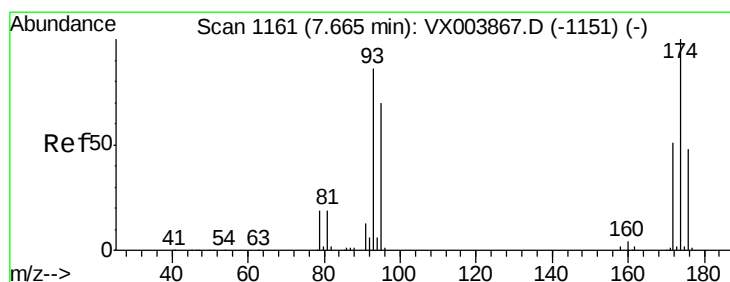
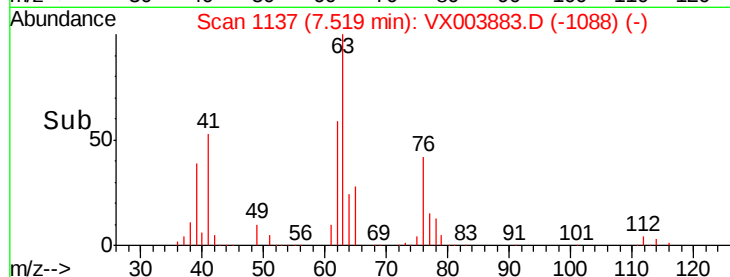
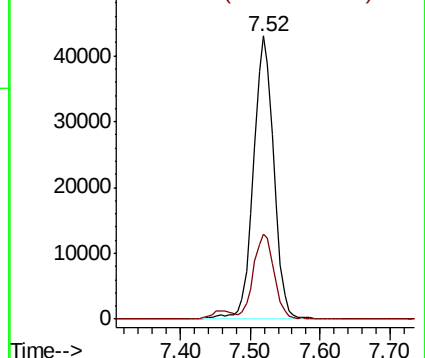
63 100

65 30.0 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: 19.30 ug/l

RT: 7.66 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX003883.D

Acq: 07 Aug 2018 16:32

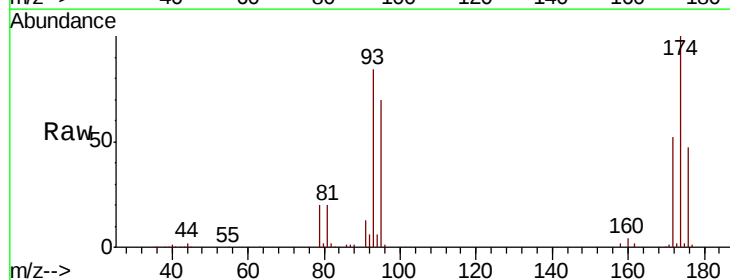
Tgt Ion: 93 Resp: 55452

Ion Ratio Lower Upper

93 100

95 82.2 66.4 99.6

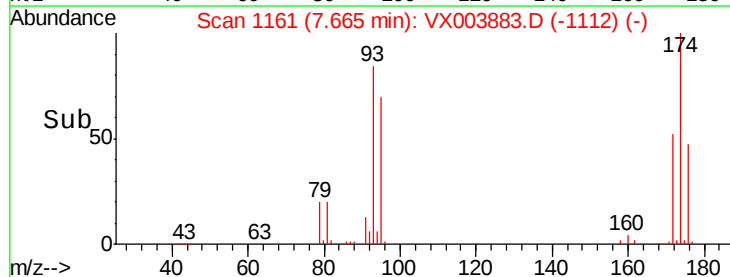
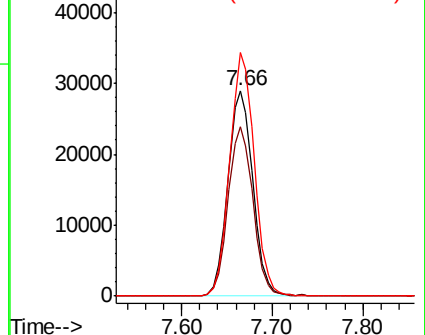
174 116.9 94.3 141.5

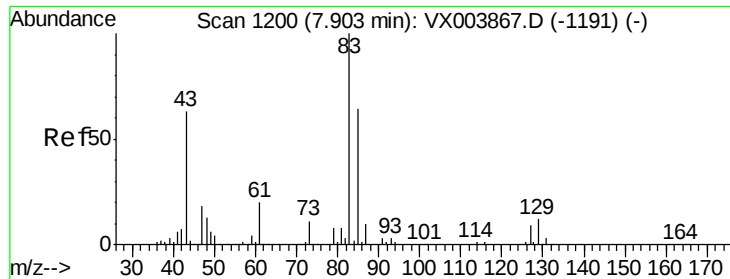


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.07 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003883.D

Acq: 07 Aug 2018 16:32

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD01

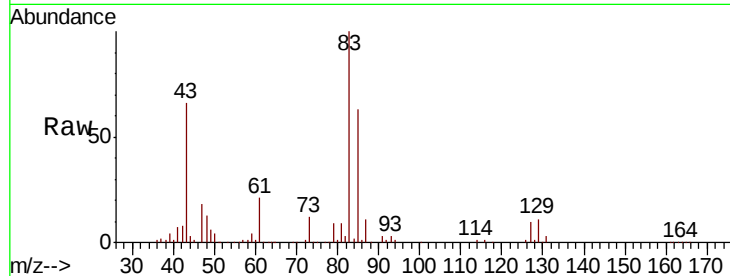
Tot Ion: 83 Resp: 103239

Ion Ratio Lower Upper

83 100

85 63.1 51.2 76.8

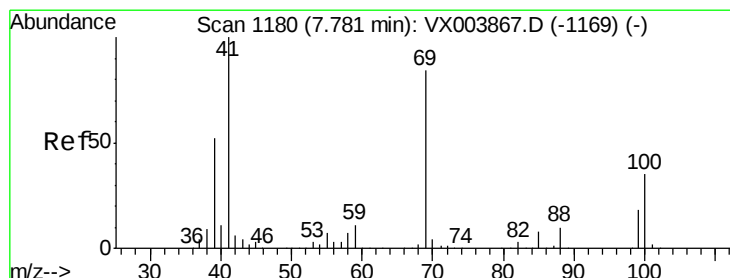
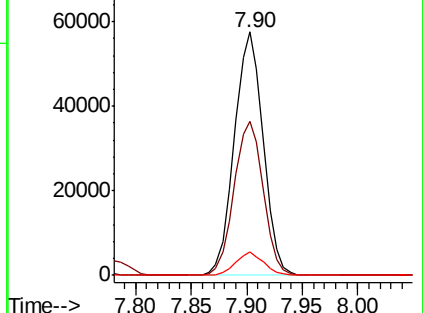
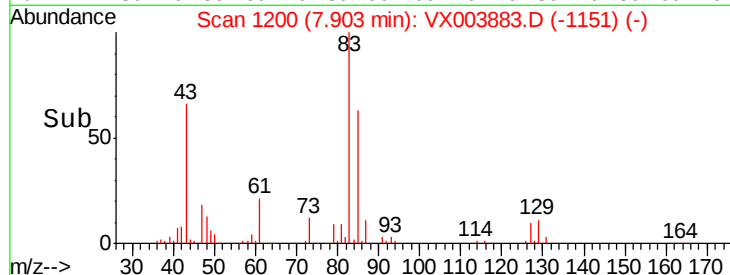
127 9.7 7.2 10.8



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: 19.38 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX003883.D

Acq: 07 Aug 2018 16:32

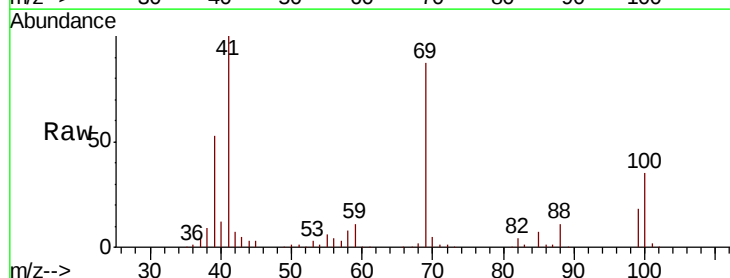
Tgt Ion: 41 Resp: 93089

Ion Ratio Lower Upper

41 100

69 86.1 68.8 103.2

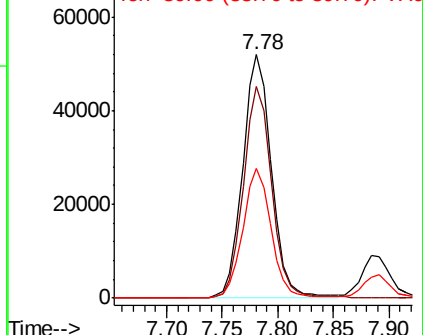
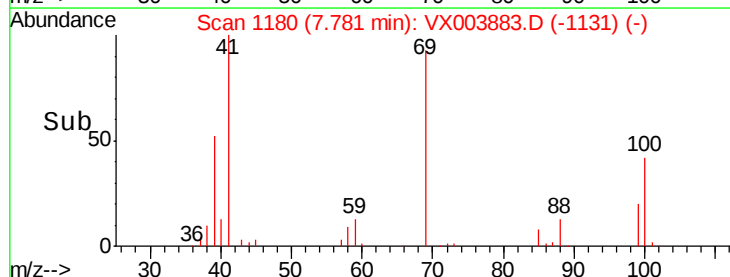
39 52.5 42.3 63.5

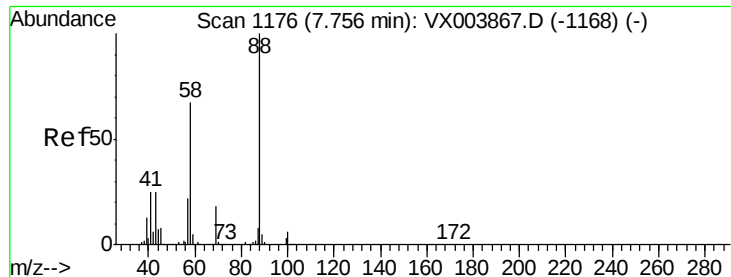


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 388.94 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.01 min

Lab File: VX003883.D

Acq: 07 Aug 2018 16:32

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD01

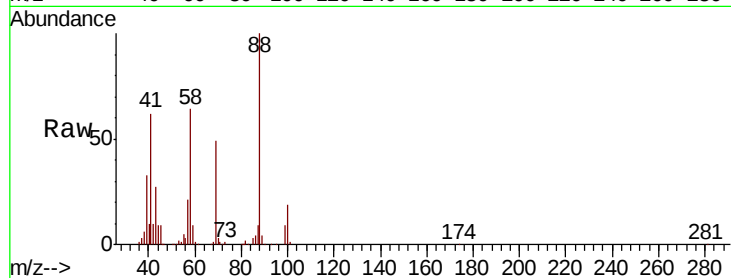
Tot Ion: 88 Resp: 44005

Ion Ratio Lower Upper

88 100

43 31.2 23.8 35.8

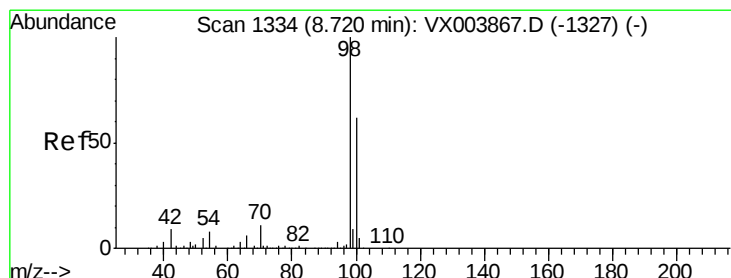
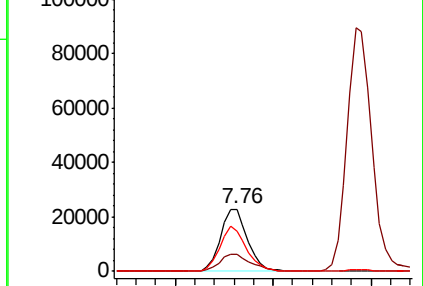
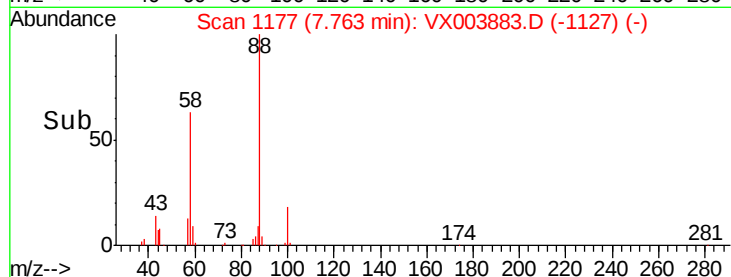
58 71.1 55.4 83.0



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.68 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX003883.D

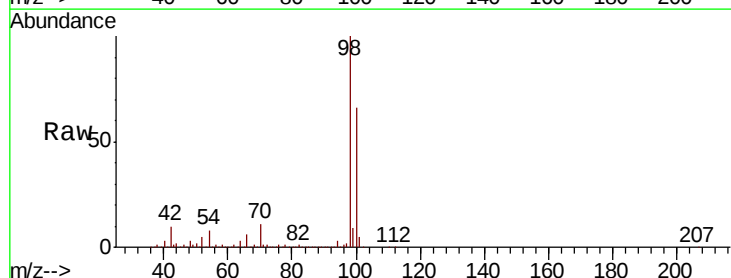
Acq: 07 Aug 2018 16:32

Tgt Ion: 98 Resp: 745792

Ion Ratio Lower Upper

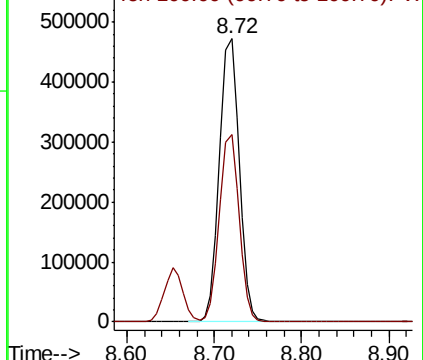
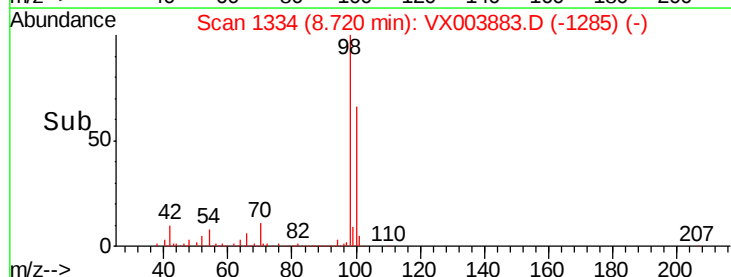
98 100

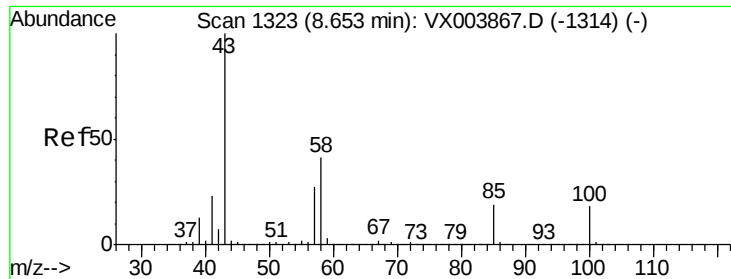
100 66.0 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 101.31 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX003883.D

Acq: 07 Aug 2018 16:32

Instrument :

MSVOA_X

ClientSampleId :

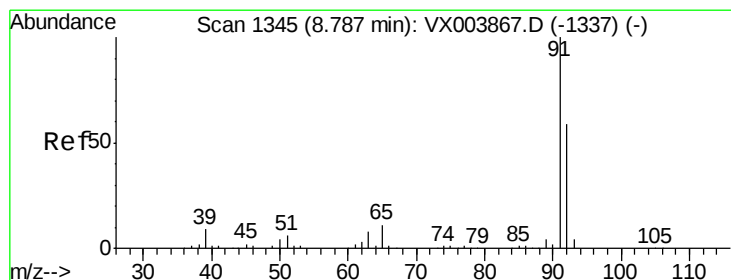
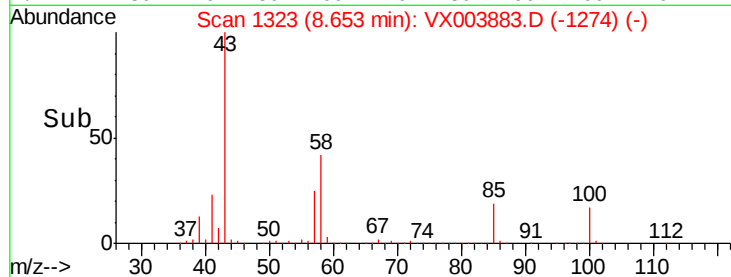
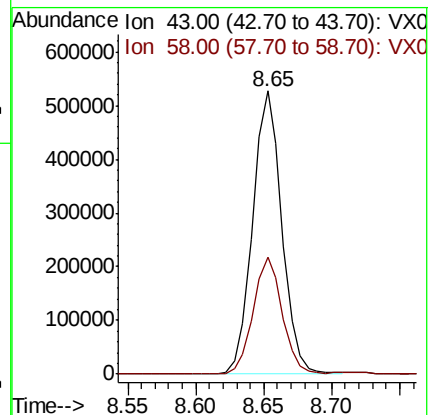
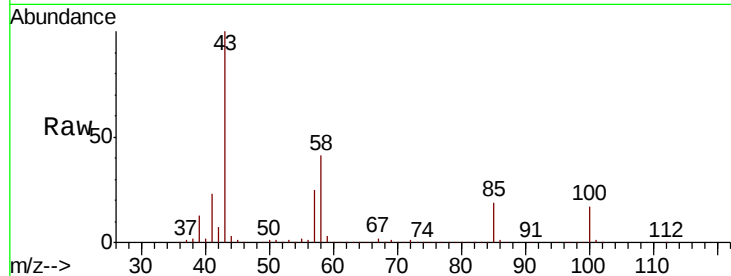
VX0807WBSD01

Tot Ion: 43 Resp: 793432

Ion Ratio Lower Upper

43 100

58 41.2 33.0 49.6



#52

Toluene

Concen: 19.90 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003883.D

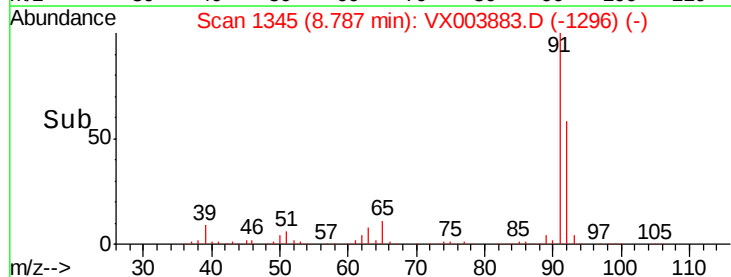
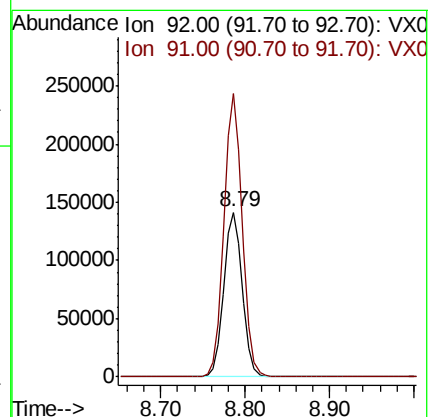
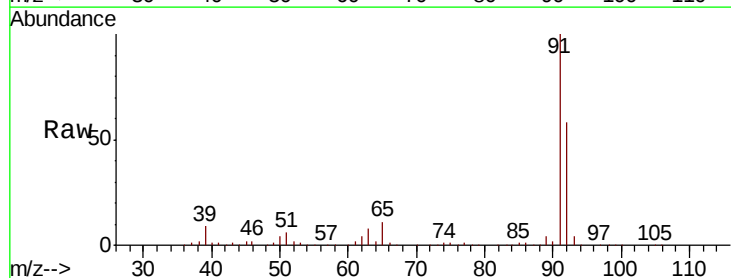
Acq: 07 Aug 2018 16:32

Tgt Ion: 92 Resp: 215515

Ion Ratio Lower Upper

92 100

91 169.6 136.1 204.1

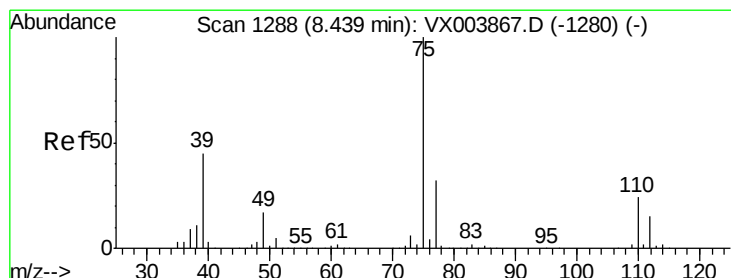
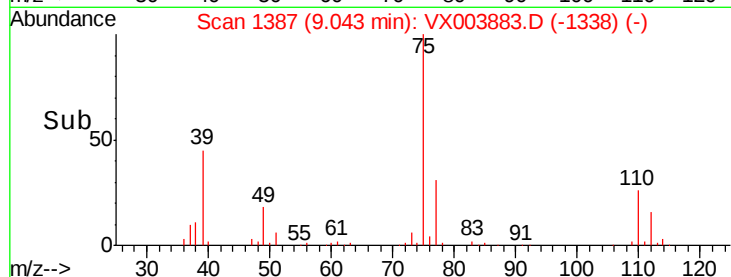
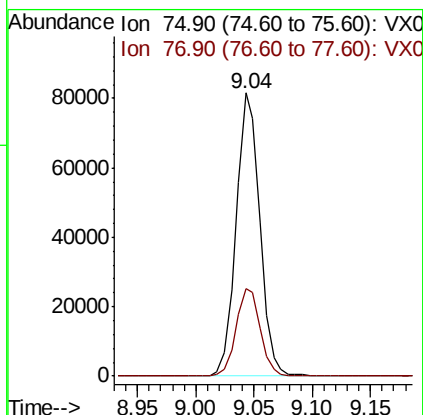
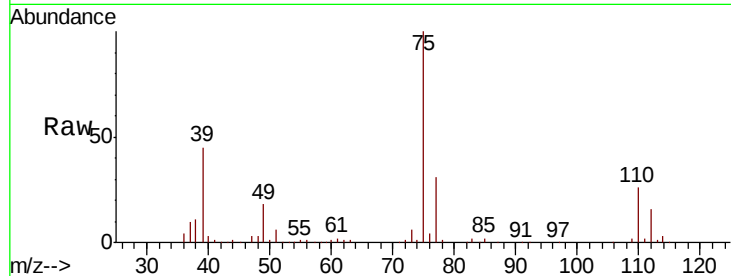




#53
 t-1,3-Dichloropropene
 Concen: 18.93 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: VX003883.D
 Acq: 07 Aug 2018 16:32

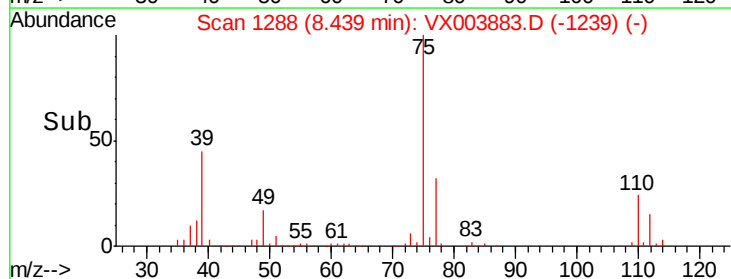
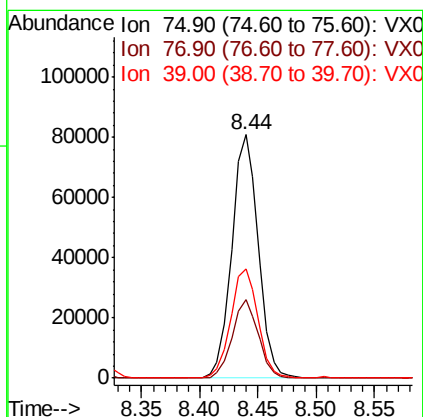
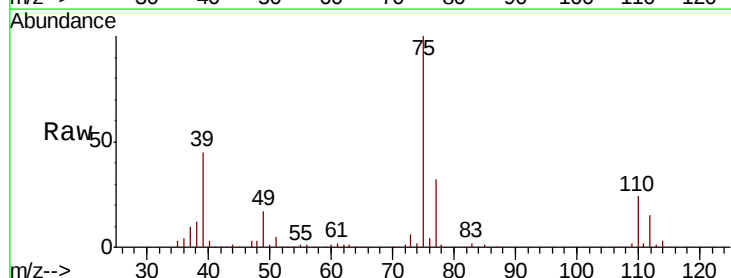
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD01

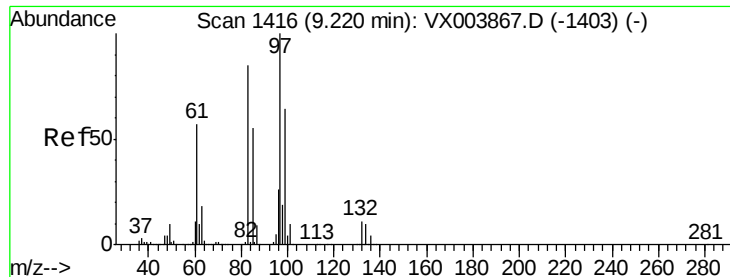
Tot Ion: 75 Resp: 115833
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 19.39 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX003883.D
 Acq: 07 Aug 2018 16:32

Tgt Ion: 75 Resp: 127919
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.3 37.9
 39 44.9 36.2 54.2

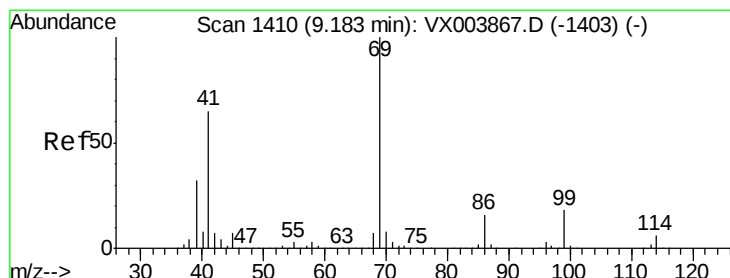
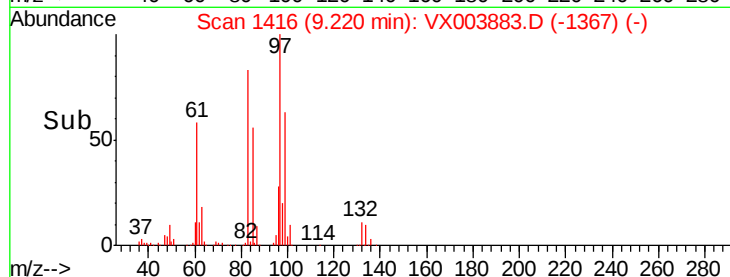
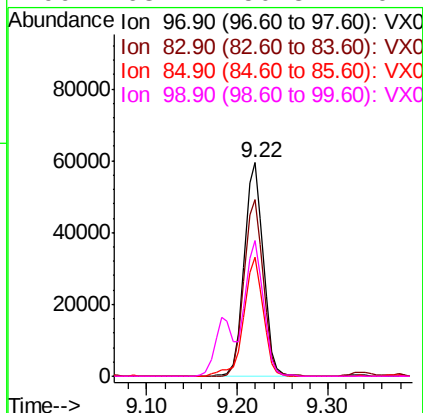
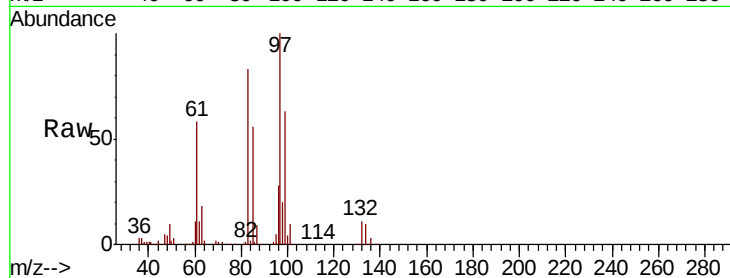




#55
 1,1,2-Trichloroethane
 Concen: 19.60 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003883.D
 Acq: 07 Aug 2018 16:32

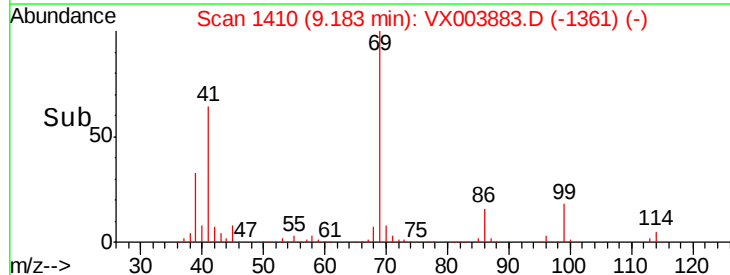
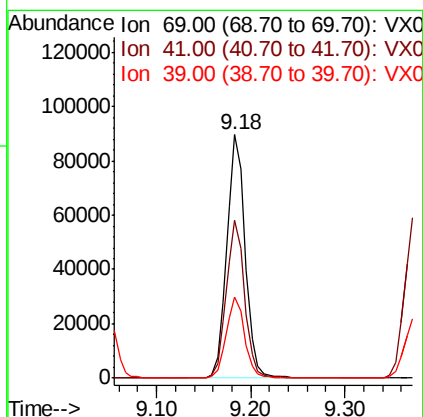
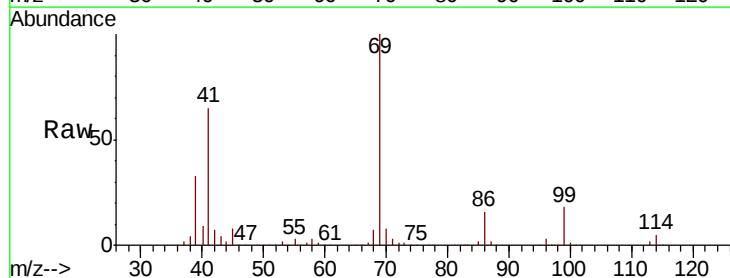
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD01

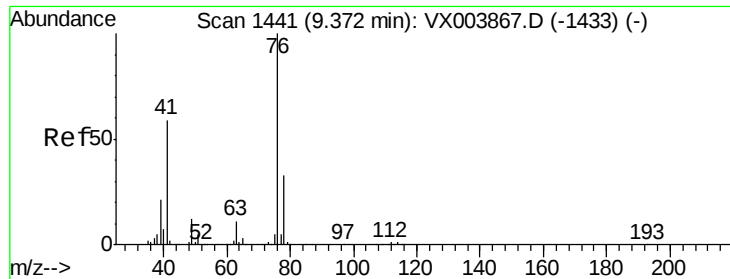
Tot Ion:	97	Resp:	86719
Ion	Ratio	Lower	Upper
97	100		
83	83.0	67.8	101.6
85	56.0	44.2	66.2
99	63.4	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 18.91 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX003883.D
 Acq: 07 Aug 2018 16:32

Tgt Ion:	69	Resp:	121421
Ion	Ratio	Lower	Upper
69	100		
41	64.7	50.6	76.0
39	33.2	25.8	38.6





#57

1,3-Dichloropropane

Concen: 19.70 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VX003883.D

Acq: 07 Aug 2018 16:32

Instrument :

MSVOA_X

ClientSampleId :

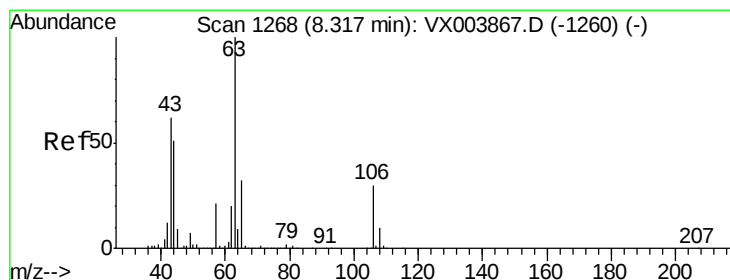
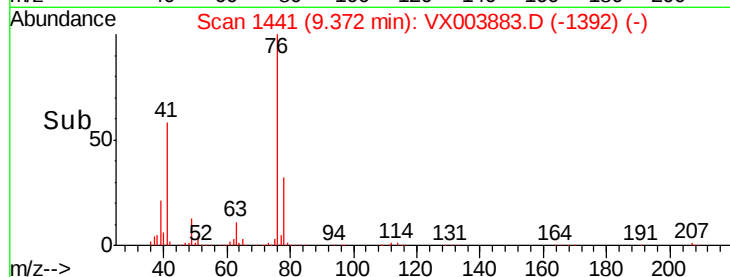
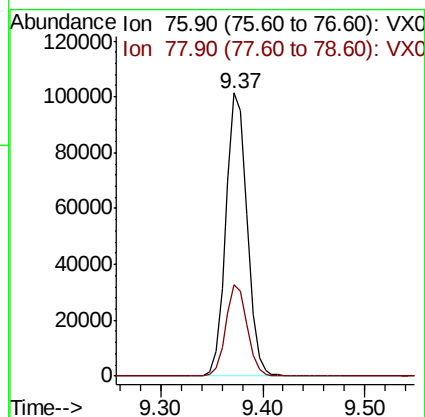
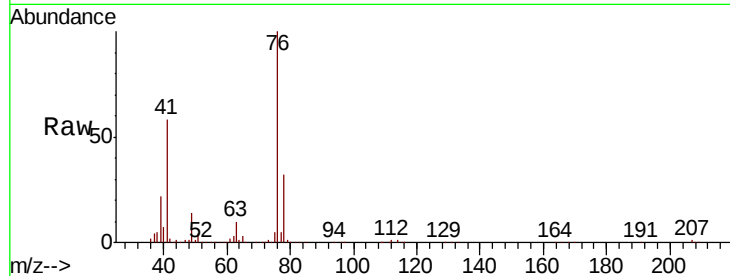
VX0807WBSD01

Tot Ion: 76 Resp: 145894

Ion Ratio Lower Upper

76 100

78 32.5 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 102.24 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX003883.D

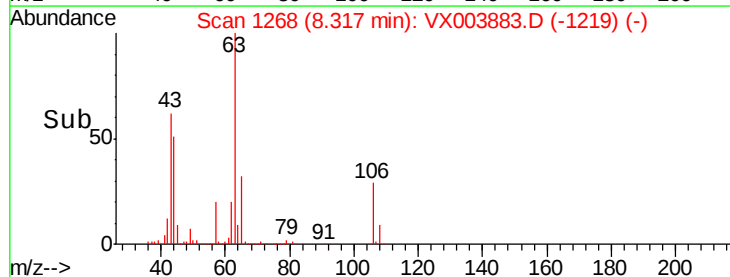
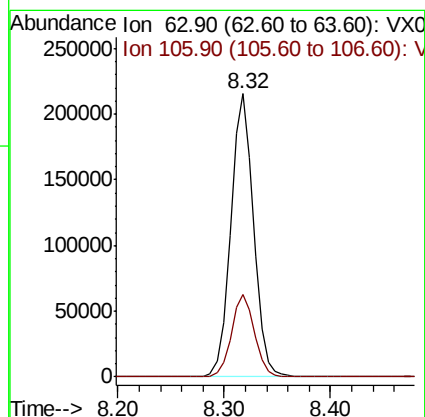
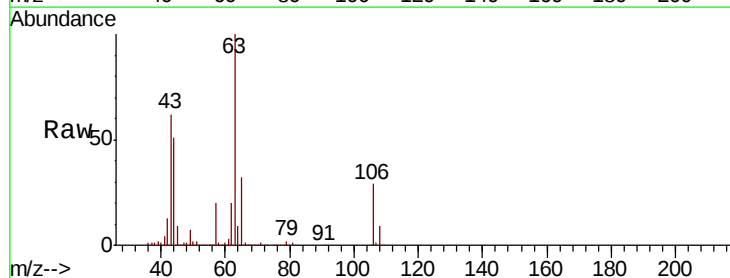
Acq: 07 Aug 2018 16:32

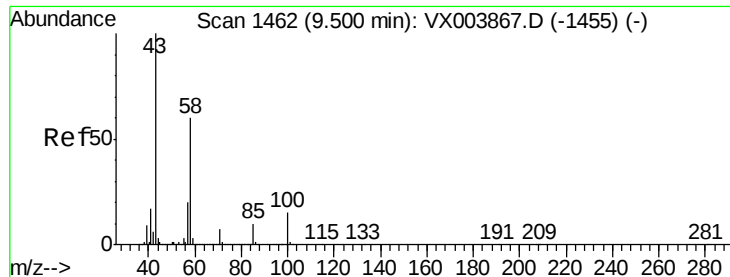
Tgt Ion: 63 Resp: 322791

Ion Ratio Lower Upper

63 100

106 29.3 23.8 35.8

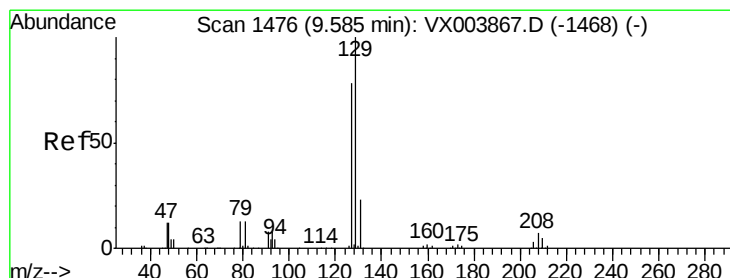
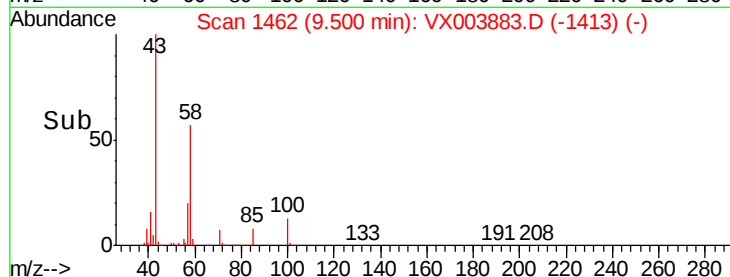
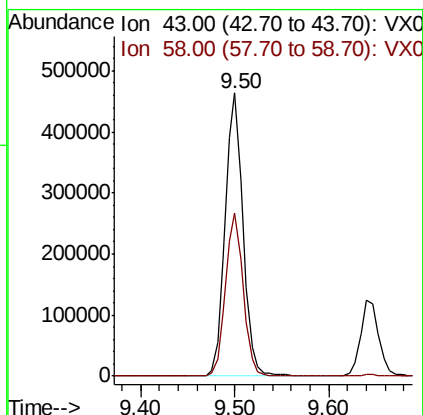
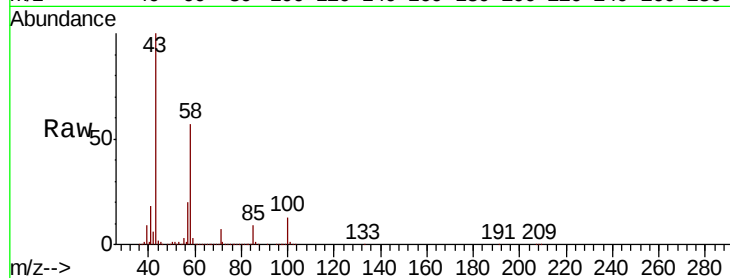




#59
2-Hexanone
Concen: 104.04 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003883.D
Acq: 07 Aug 2018 16:32

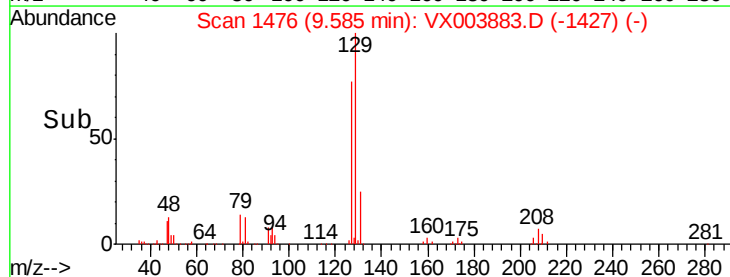
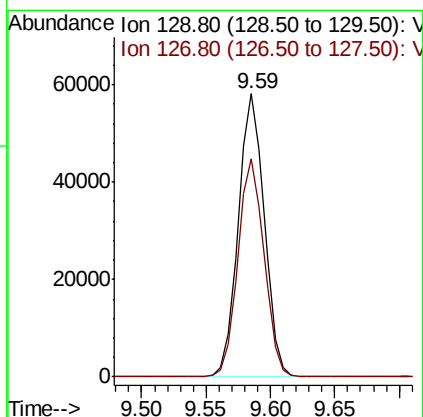
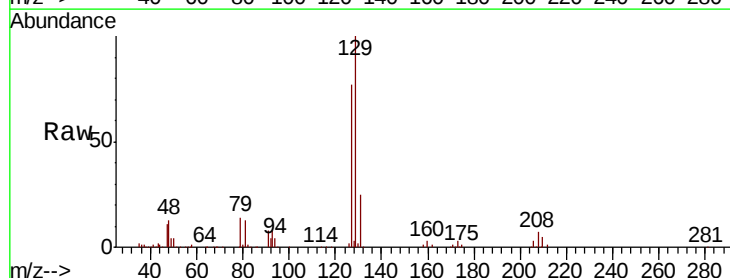
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD01

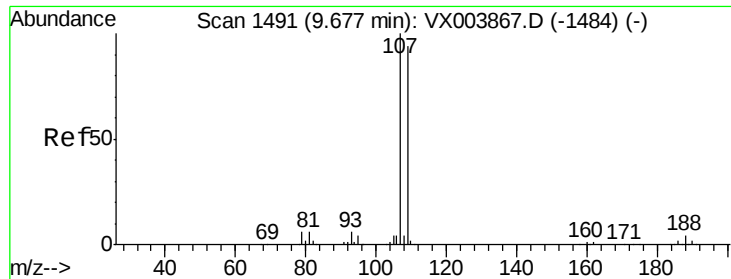
Tot Ion: 43 Resp: 609057
Ion Ratio Lower Upper
43 100
58 57.4 29.0 87.0



#60
Dibromochloromethane
Concen: 19.71 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003883.D
Acq: 07 Aug 2018 16:32

Tgt Ion: 129 Resp: 81330
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.3





#61

1,2-Dibromoethane

Concen: 20.14 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003883.D

Acq: 07 Aug 2018 16:32

Instrument :

MSVOA_X

ClientSampleId :

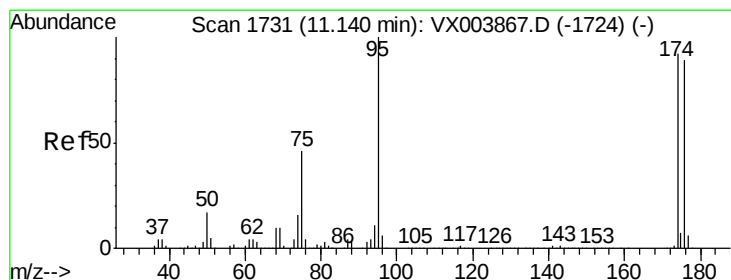
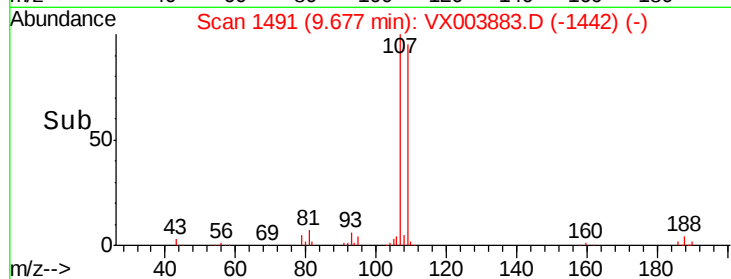
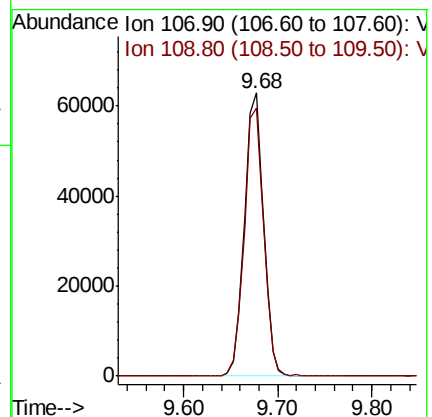
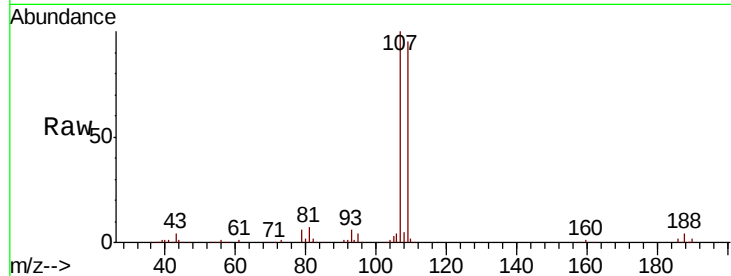
VX0807WBSD01

Tot Ion:107 Resp: 89240

Ion Ratio Lower Upper

107 100

109 96.0 75.8 113.8



#62

4-Bromofluorobenzene

Concen: 55.98 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003883.D

Acq: 07 Aug 2018 16:32

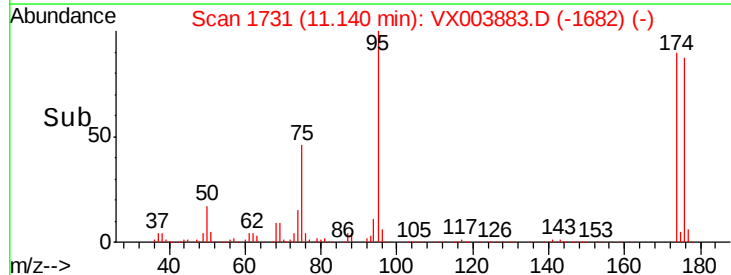
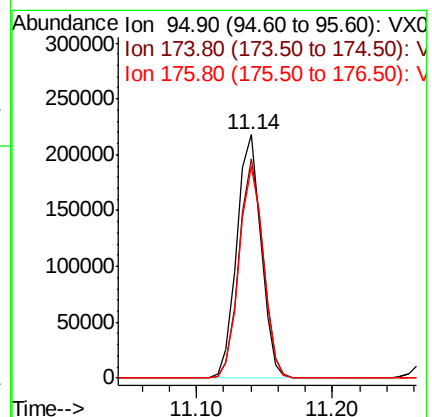
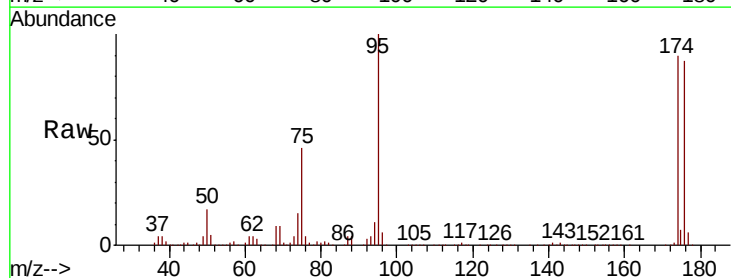
Tgt Ion: 95 Resp: 271945

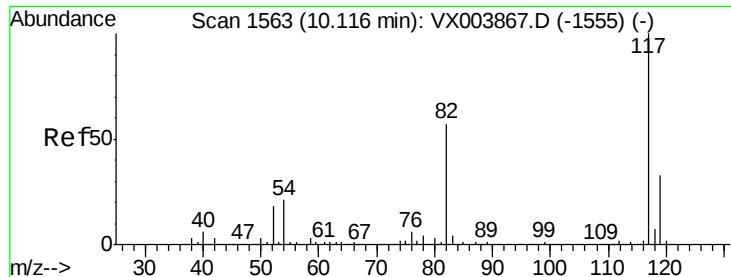
Ion Ratio Lower Upper

95 100

174 89.3 0.0 182.8

176 86.7 0.0 179.0

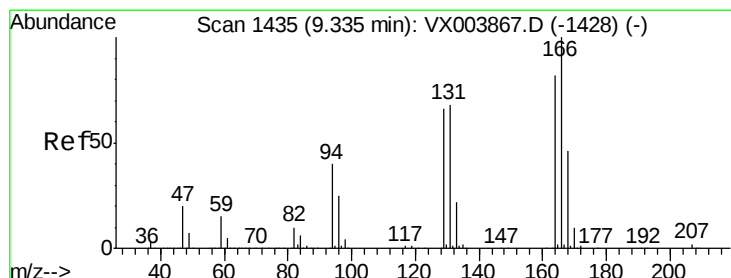
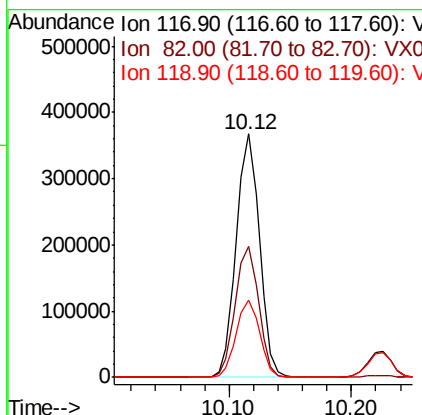
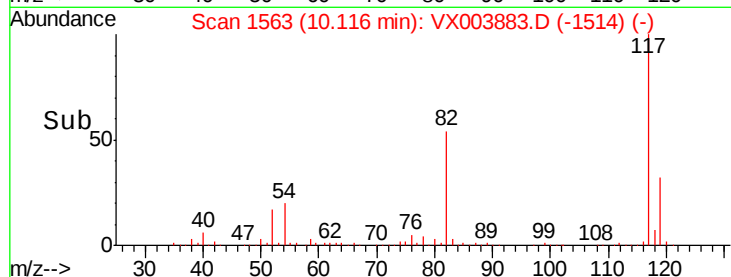
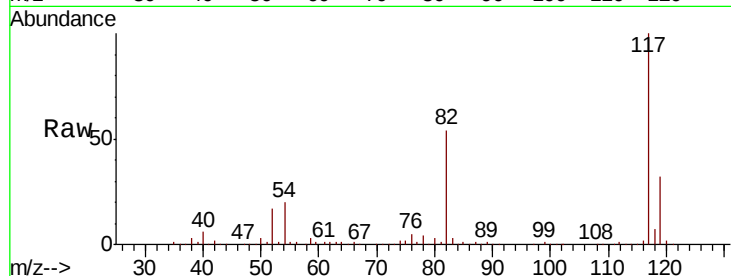




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003883.D
Acq: 07 Aug 2018 16:32

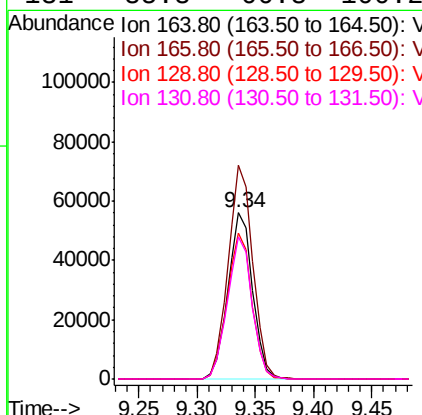
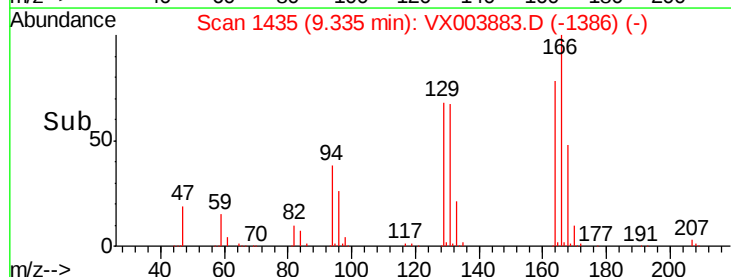
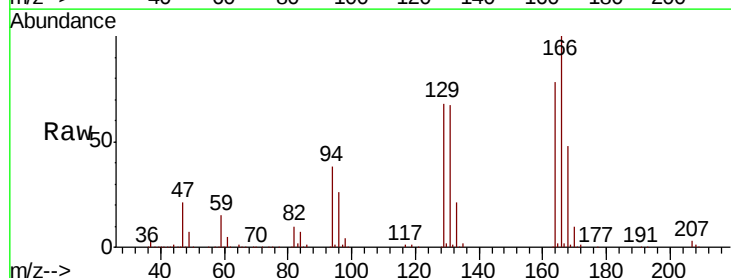
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD01

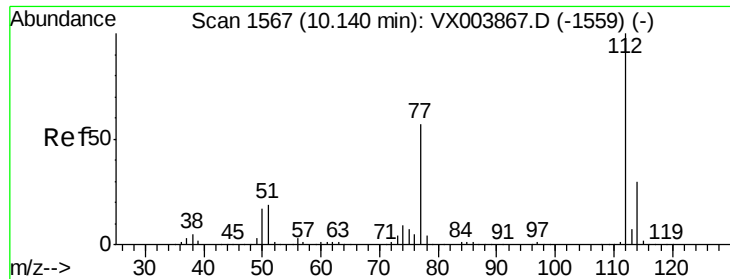
Tot Ion:117 Resp: 482550
Ion Ratio Lower Upper
117 100
82 53.9 45.4 68.0
119 31.9 26.6 40.0



#64
Tetrachloroethene
Concen: 17.35 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX003883.D
Acq: 07 Aug 2018 16:32

Tgt Ion:164 Resp: 82366
Ion Ratio Lower Upper
164 100
166 128.4 98.0 147.0
129 87.5 64.3 96.5
131 85.8 66.8 100.2





#65

Chlorobenzene

Concen: 18.81 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX003883.D

Acq: 07 Aug 2018 16:32

Instrument :

MSVOA_X

ClientSampleId :

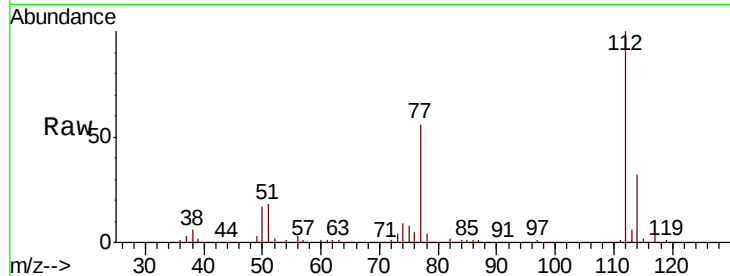
VX0807WBSD01

Tot Ion:112 Resp: 236140

Ion Ratio Lower Upper

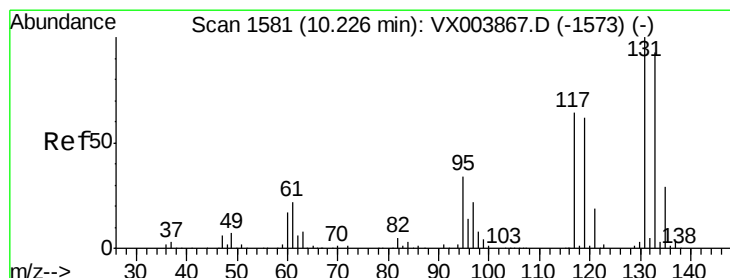
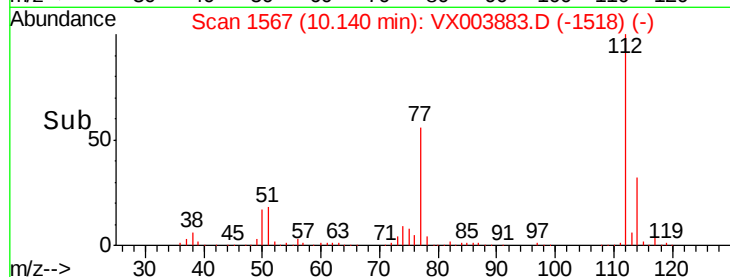
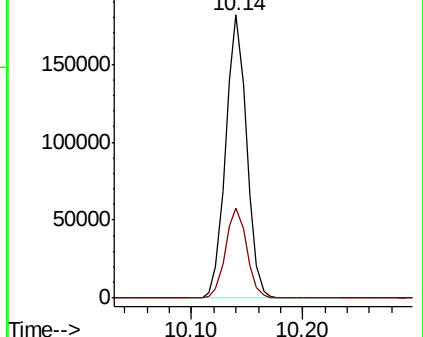
112 100

114 32.0 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: 19.23 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX003883.D

Acq: 07 Aug 2018 16:32

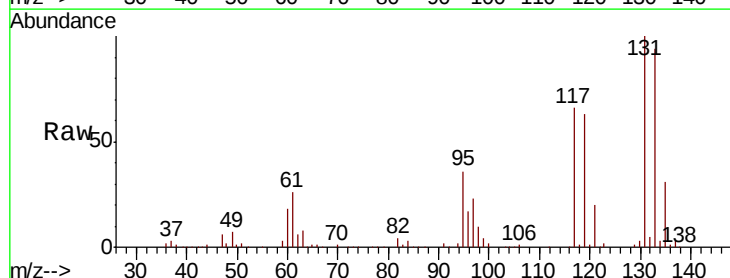
Tgt Ion:131 Resp: 82992

Ion Ratio Lower Upper

131 100

133 95.1 47.3 141.8

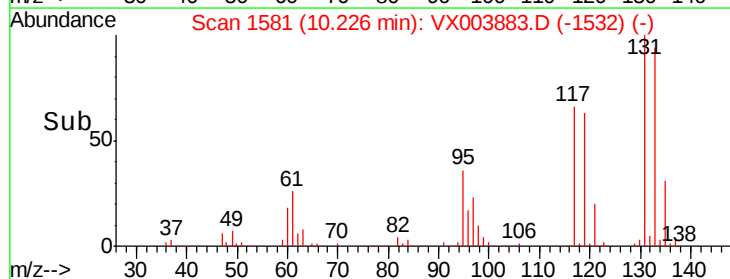
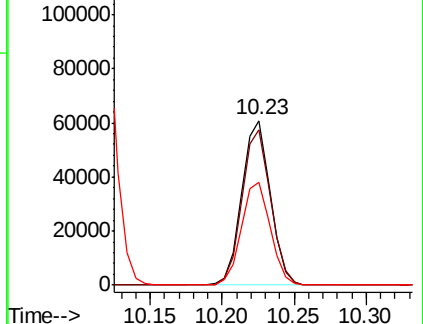
119 63.7 31.6 94.8

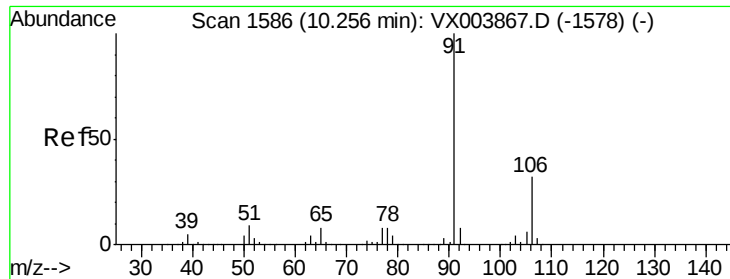


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

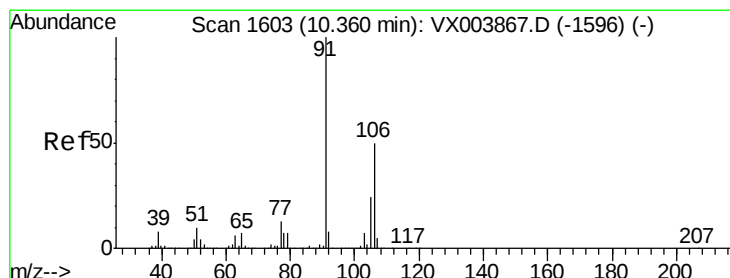
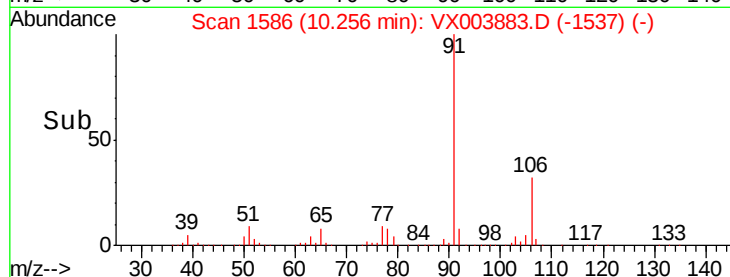
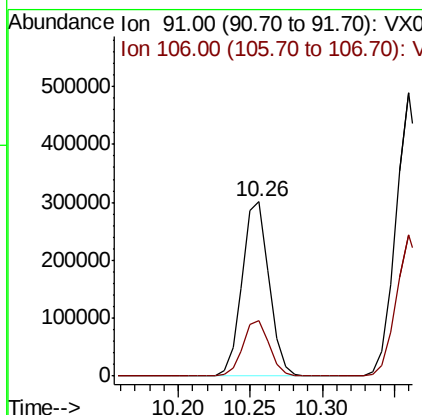
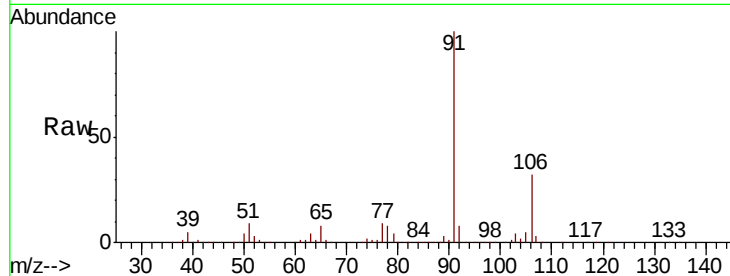




#67
Ethyl Benzene
Concen: 19.01 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003883.D
Acq: 07 Aug 2018 16:32

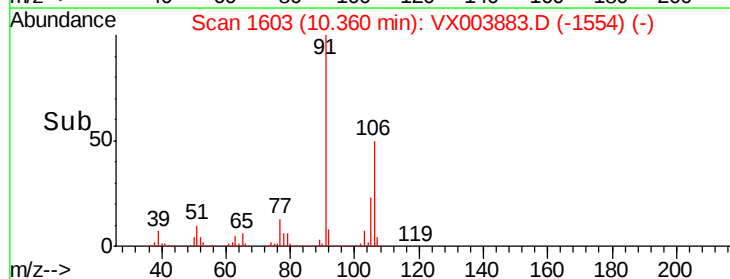
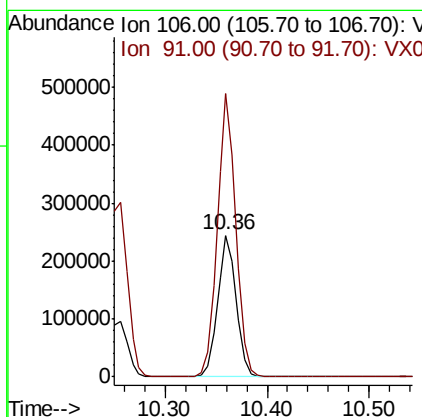
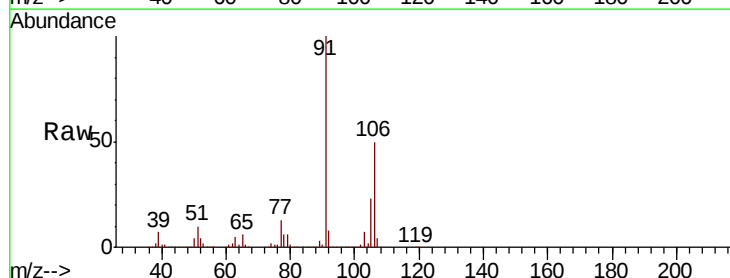
Instrument :
MSVOA_X
ClientSampleID :
VX0807WBSD01

Tot Ion: 91 Resp: 390640
Ion Ratio Lower Upper
91 100
106 31.6 25.9 38.9



#68
m/p-Xylenes
Concen: 38.86 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003883.D
Acq: 07 Aug 2018 16:32

Tgt Ion: 106 Resp: 312057
Ion Ratio Lower Upper
106 100
91 199.0 162.3 243.5

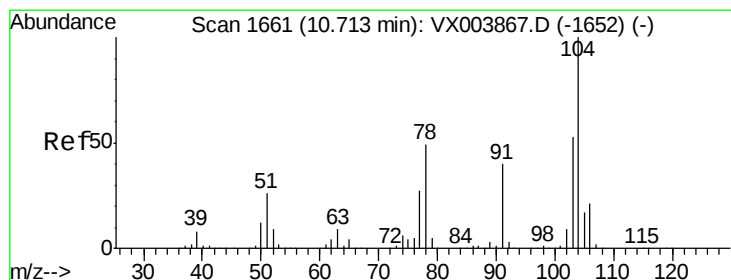
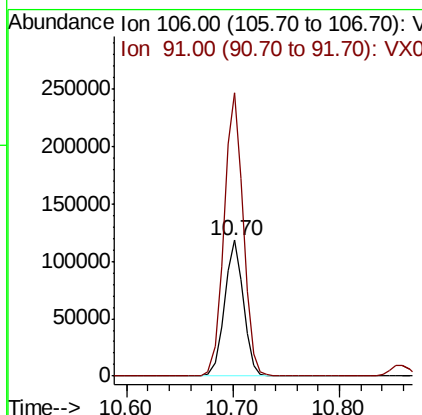
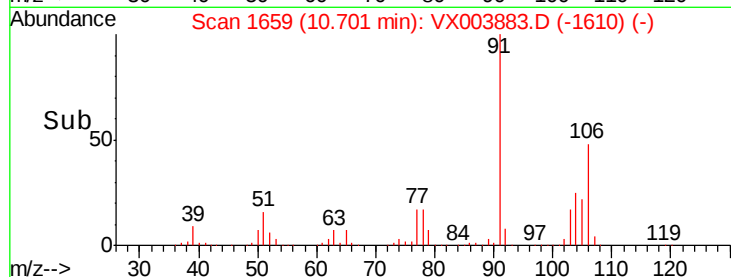
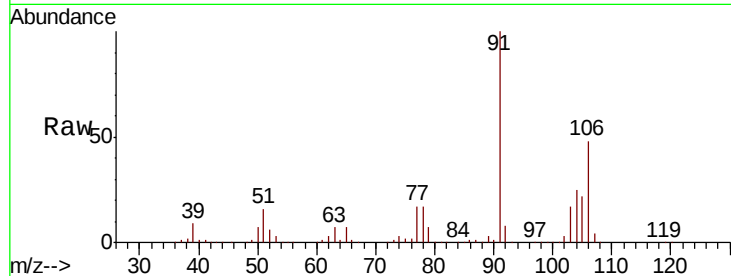




#69
o-Xylene
Concen: 19.36 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003883.D
Acq: 07 Aug 2018 16:32

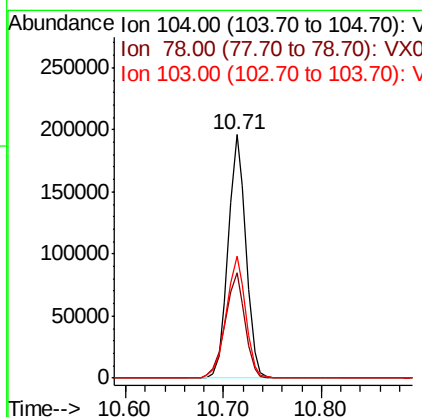
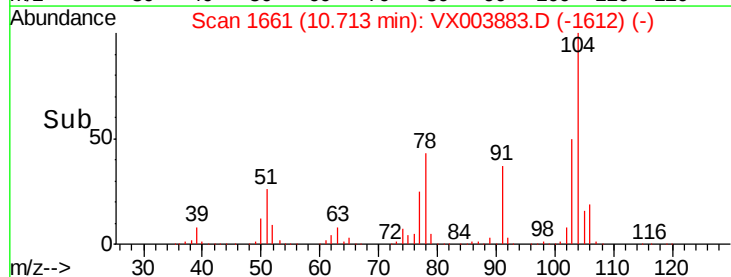
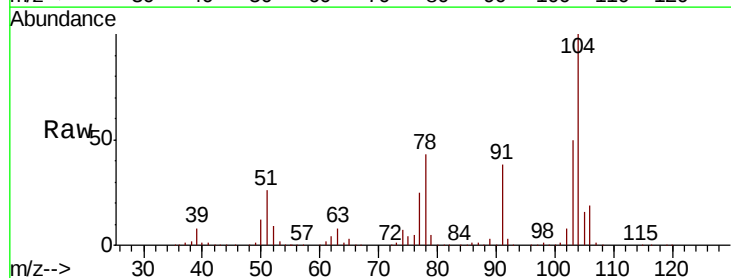
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD01

Tot Ion:106 Resp: 146787
Ion Ratio Lower Upper
106 100
91 210.9 101.9 305.7



#70
Styrene
Concen: 19.98 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003883.D
Acq: 07 Aug 2018 16:32

Tgt Ion:104 Resp: 248037
Ion Ratio Lower Upper
104 100
78 47.8 39.8 59.6
103 54.4 44.3 66.5

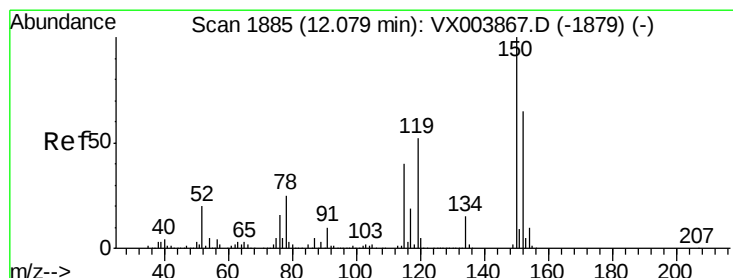
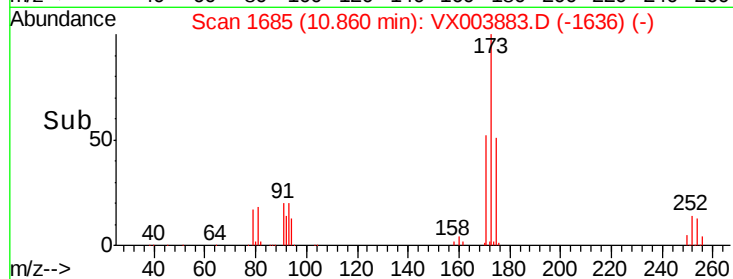
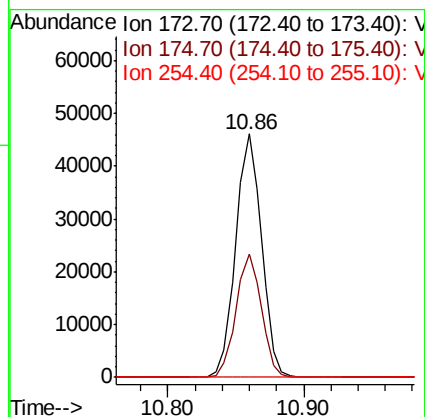
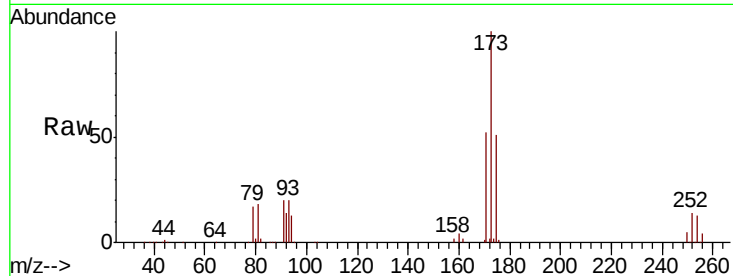




#71
Bromoform
Concen: 18.63 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003883.D
Acq: 07 Aug 2018 16:32

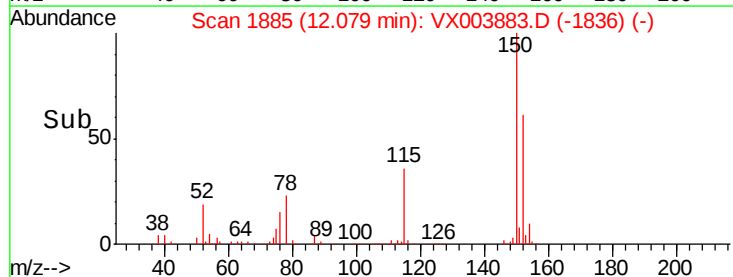
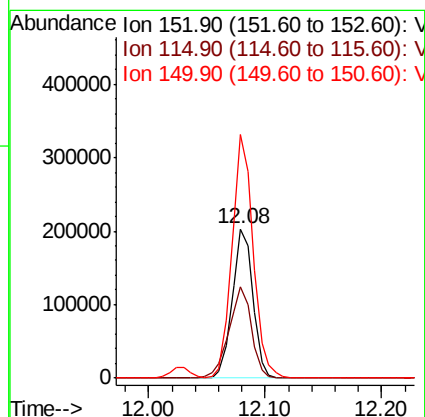
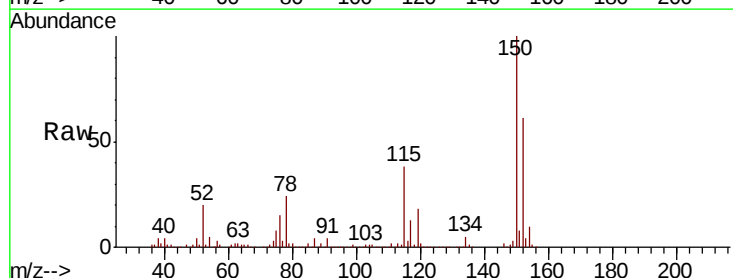
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD01

Tot Ion:173 Resp: 61091
Ion Ratio Lower Upper
173 100
175 49.8 24.9 74.7
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX003883.D
Acq: 07 Aug 2018 16:32

Tgt Ion:152 Resp: 248967
Ion Ratio Lower Upper
152 100
115 66.3 39.1 117.3
150 168.4 0.0 349.2





#73

Isopropylbenzene

Concen: 21.58 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX003883.D

Acq: 07 Aug 2018 16:32

Instrument :

MSVOA_X

ClientSampleId :

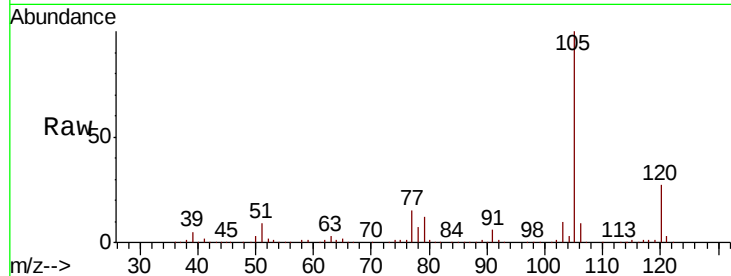
VX0807WBSD01

Tot Ion:105 Resp: 397493

Ion Ratio Lower Upper

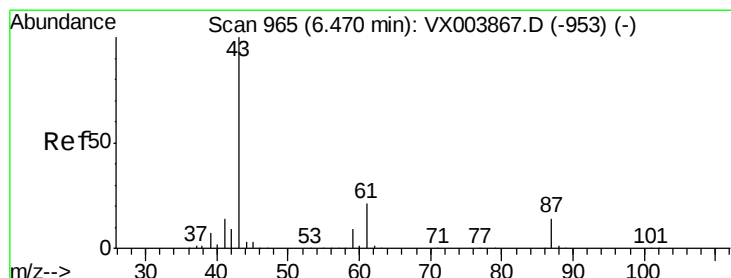
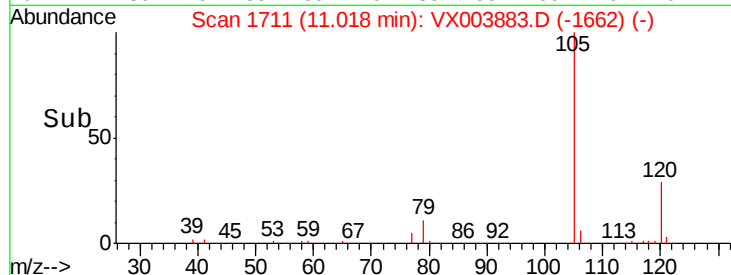
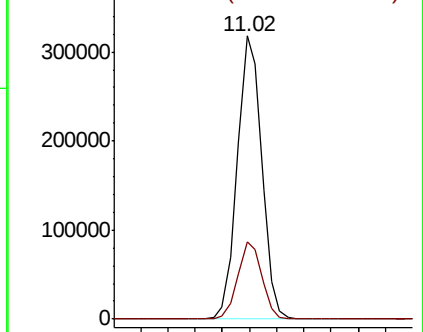
105 100

120 27.0 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: 19.11 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX003883.D

Acq: 07 Aug 2018 16:32

Tgt Ion: 43 Resp: 183016

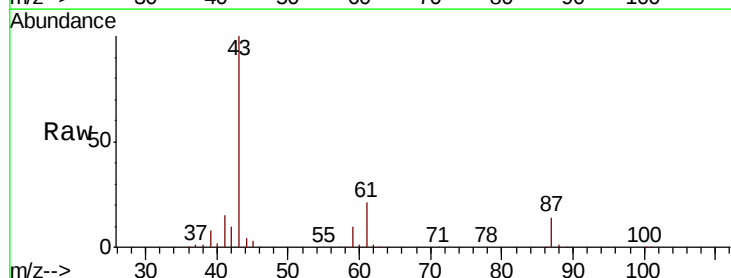
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.2 0.1 0.1#

61 21.2 16.9 25.3

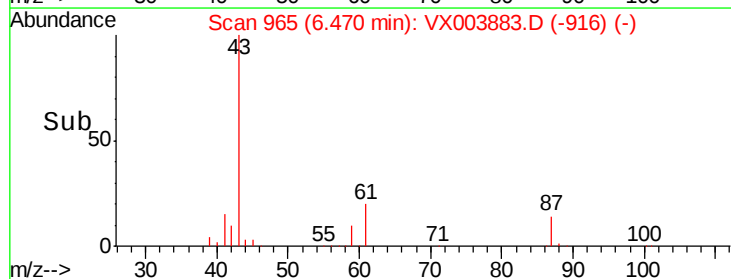
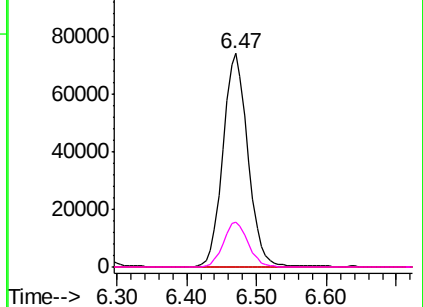


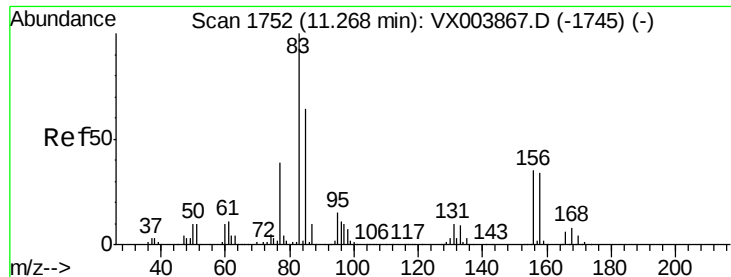
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 21.55 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX003883.D

Acq: 07 Aug 2018 16:32

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD01

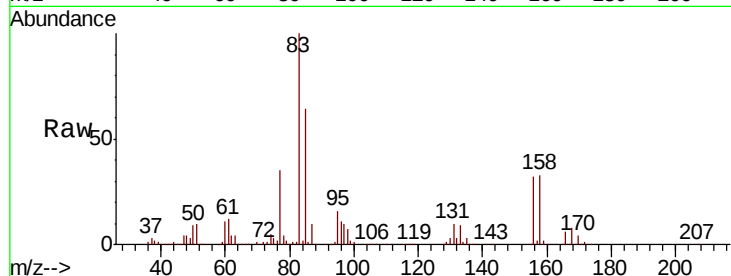
Tot Ion: 83 Resp: 136006

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

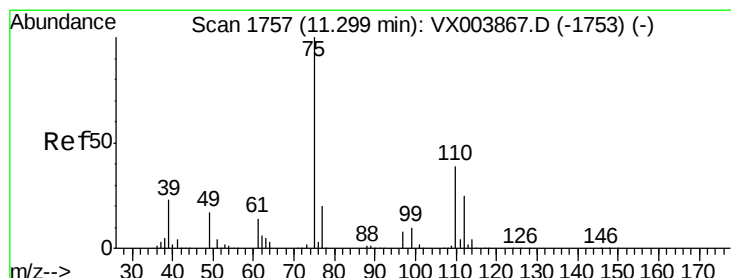
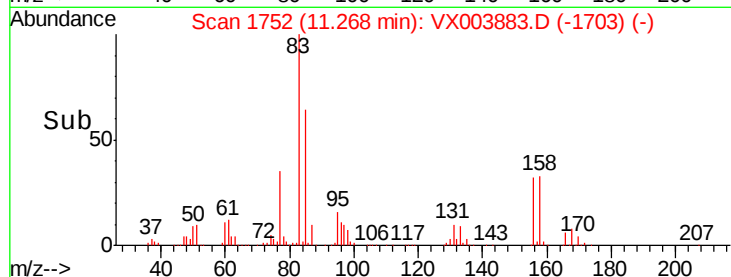
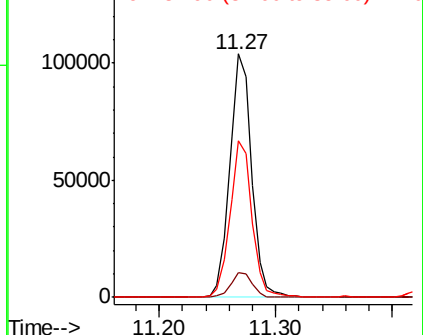
85 64.4 32.2 96.6



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: 27.58 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX003883.D

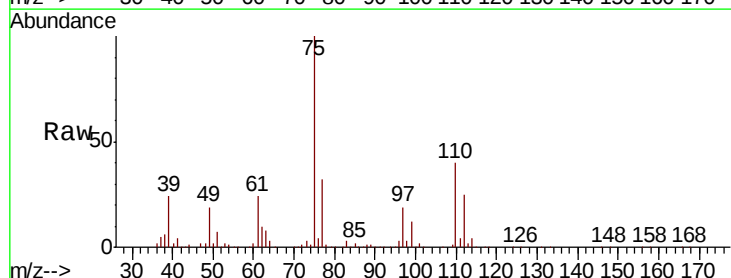
Acq: 07 Aug 2018 16:32

Tgt Ion: 75 Resp: 151657

Ion Ratio Lower Upper

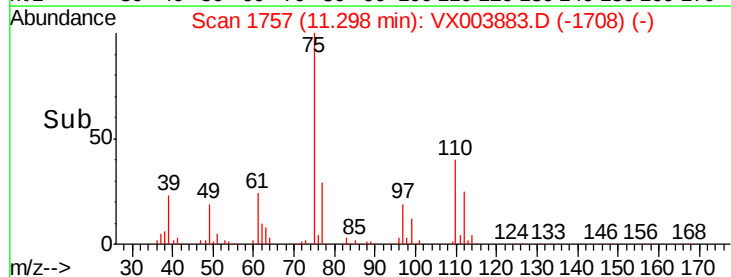
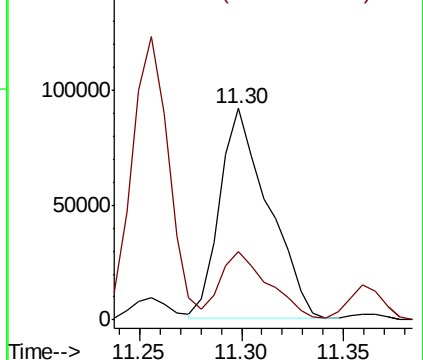
75 100

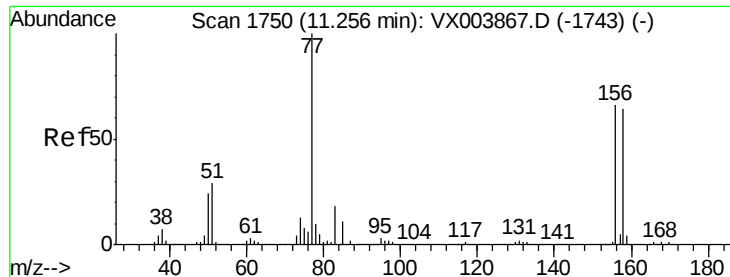
77 32.2 20.8 62.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.40 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX003883.D

Acq: 07 Aug 2018 16:32

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD01

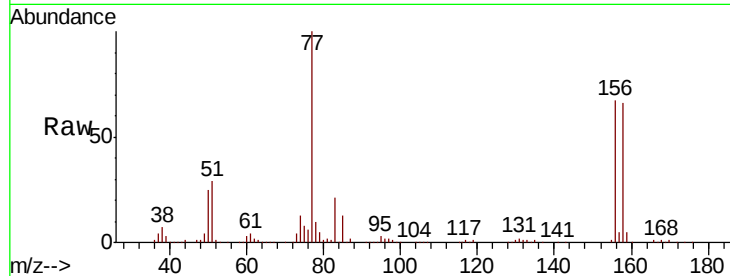
Tot Ion:156 Resp: 105131

Ion Ratio Lower Upper

156 100

77 148.2 74.1 222.2

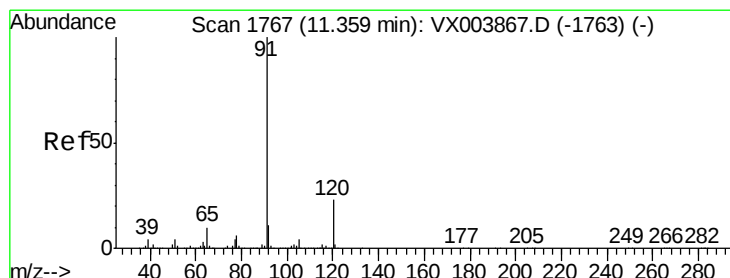
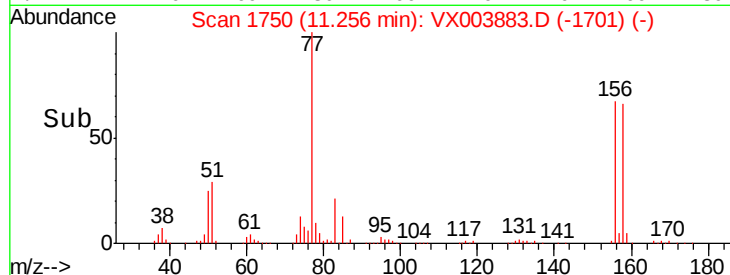
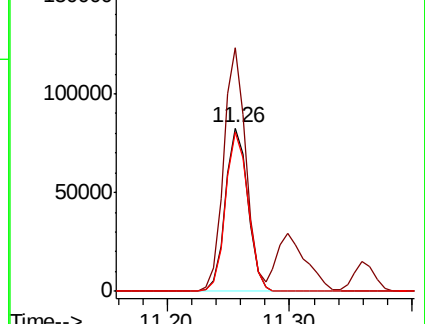
158 98.3 48.6 145.9



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: 22.04 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX003883.D

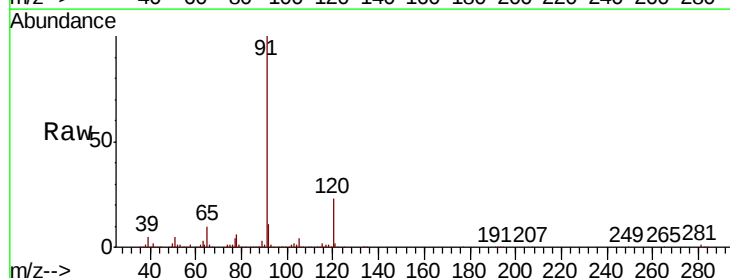
Acq: 07 Aug 2018 16:32

Tgt Ion: 91 Resp: 455923

Ion Ratio Lower Upper

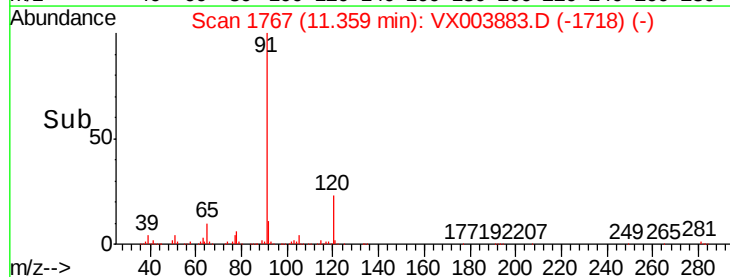
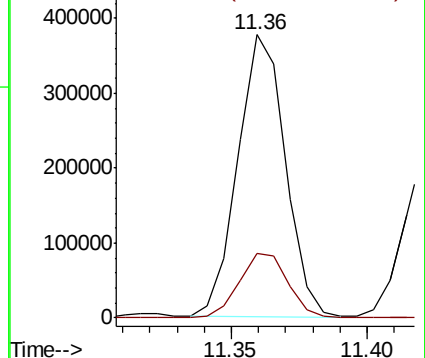
91 100

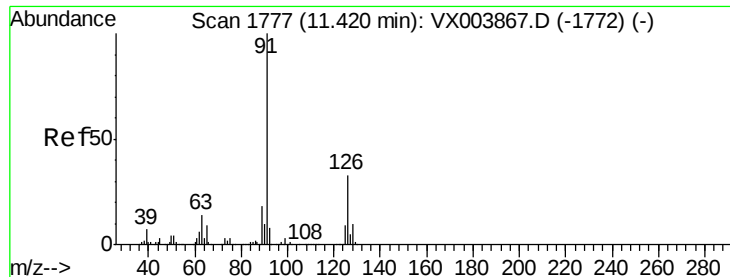
120 23.5 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

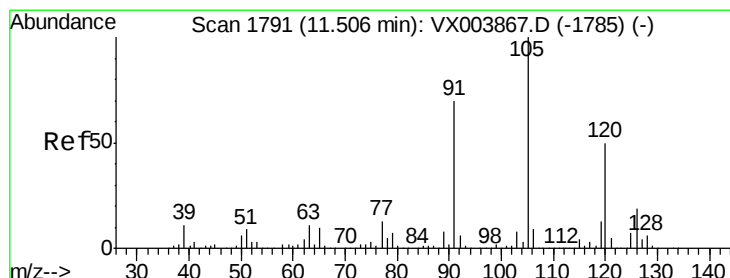
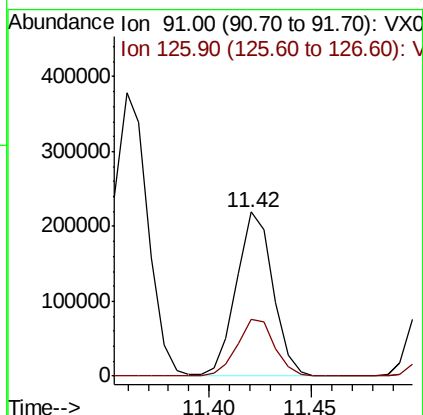
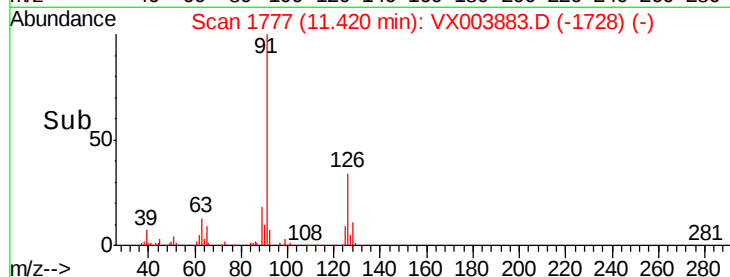
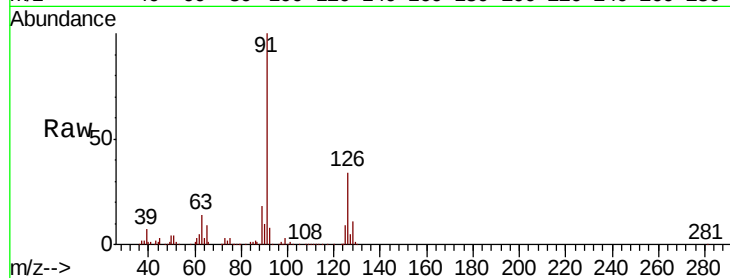




#79
 2-Chlorotoluene
 Concen: 21.51 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: VX003883.D
 Acq: 07 Aug 2018 16:32

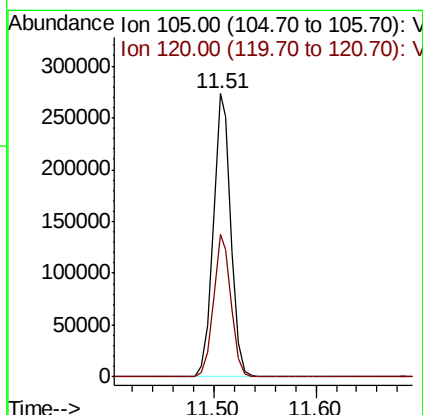
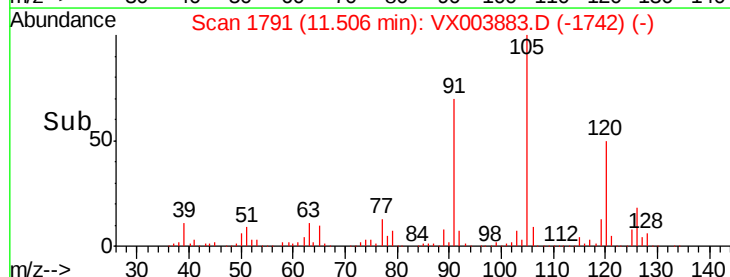
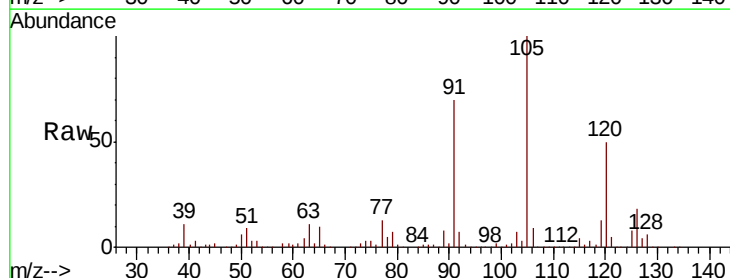
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD01

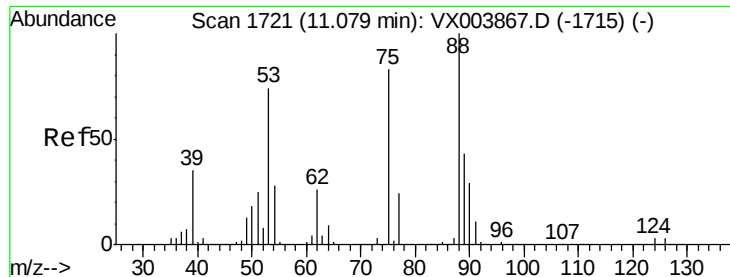
Tot Ion: 91 Resp: 271294
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 22.05 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX003883.D
 Acq: 07 Aug 2018 16:32

Tgt Ion:105 Resp: 331098
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.4 76.2

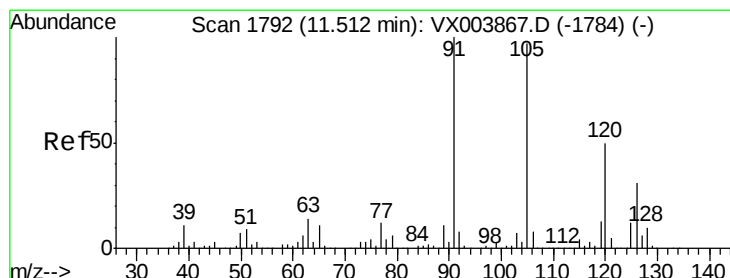
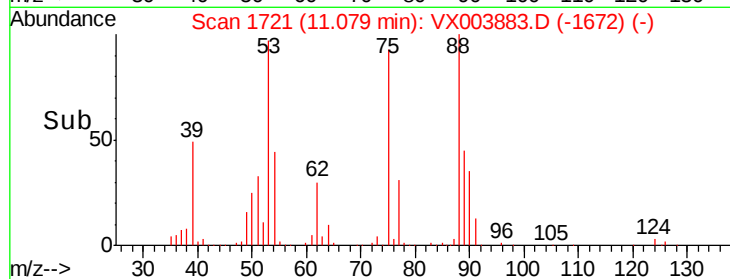
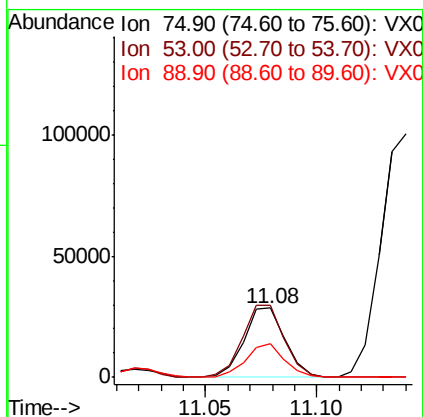
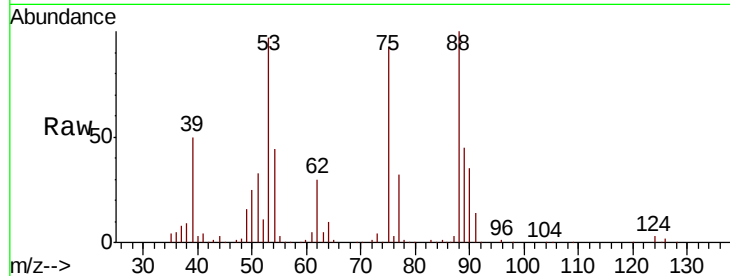




#81
trans-1,4-Dichloro-2-butene
Concen: 19.55 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003883.D
Acq: 07 Aug 2018 16:32

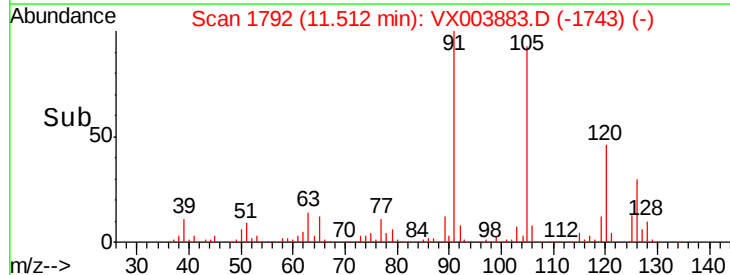
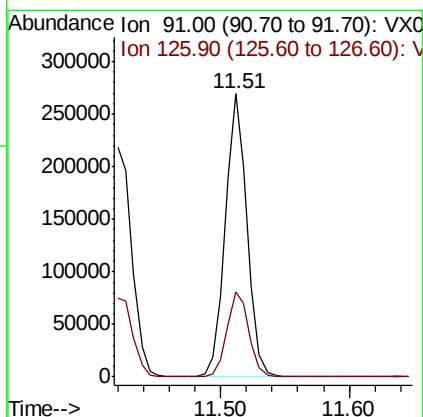
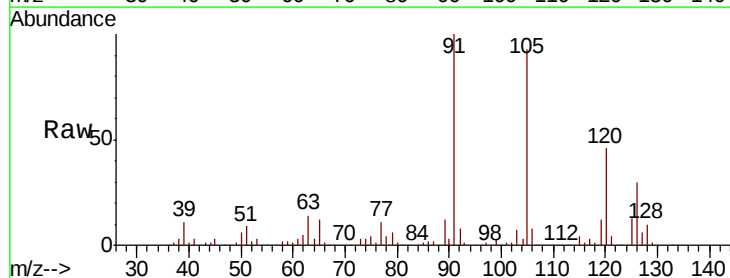
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD01

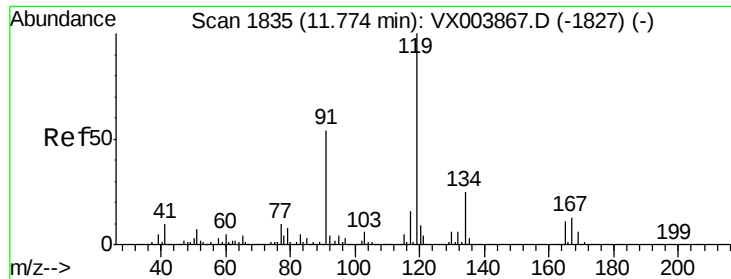
Tot Ion: 75 Resp: 36672
Ion Ratio Lower Upper
75 100
53 104.7 80.3 120.5
89 46.0 37.8 56.8



#82
4-Chlorotoluene
Concen: 21.52 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX003883.D
Acq: 07 Aug 2018 16:32

Tgt Ion: 91 Resp: 317900
Ion Ratio Lower Upper
91 100
126 30.7 15.6 46.7

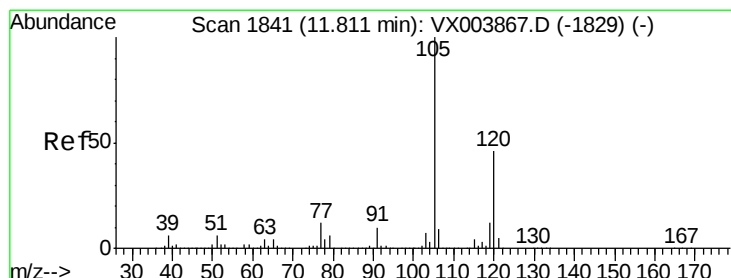
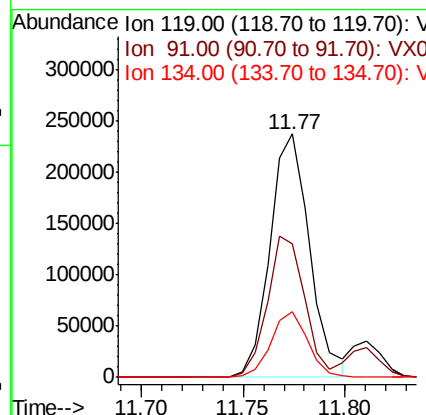
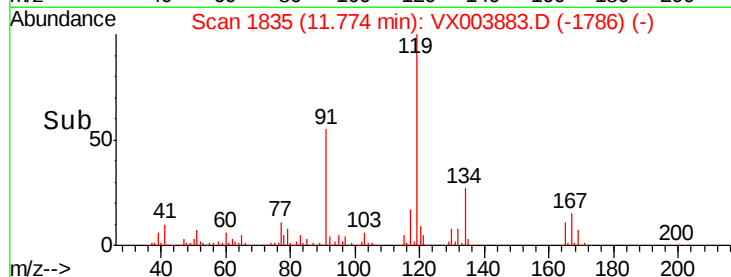
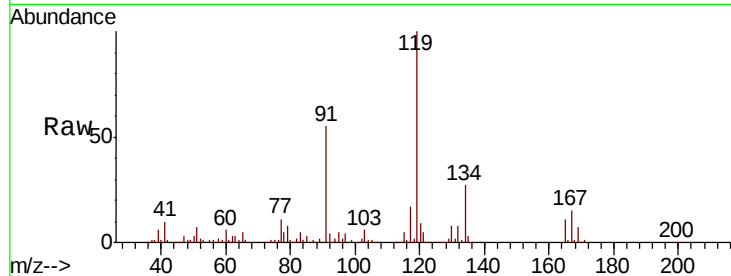




#83
tert-Butylbenzene
Concen: 21.72 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX003883.D
Acq: 07 Aug 2018 16:32

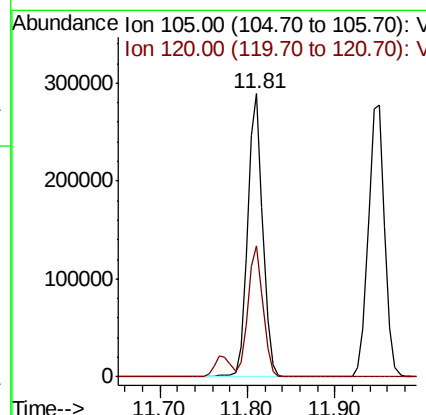
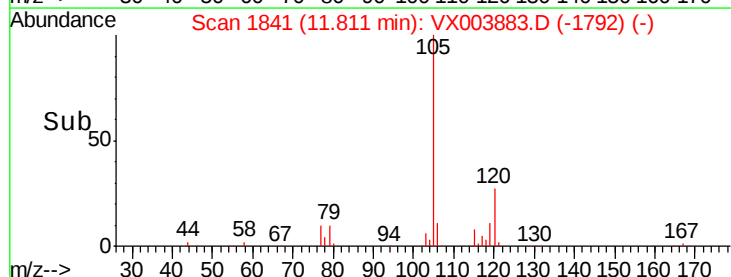
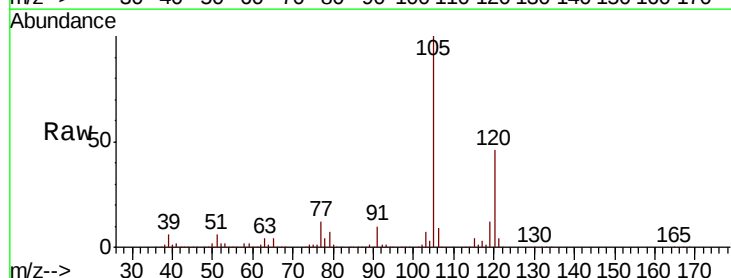
Instrument :
MSVOA_X
ClientSampleID :
VX0807WBSD01

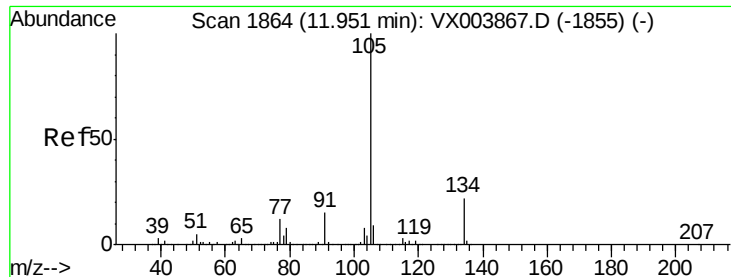
Tot Ion:119 Resp: 320879
Ion Ratio Lower Upper
119 100
91 54.7 26.9 80.7
134 25.0 12.0 36.0



#84
1,2,4-Trimethylbenzene
Concen: 22.92 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX003883.D
Acq: 07 Aug 2018 16:32

Tgt Ion:105 Resp: 346042
Ion Ratio Lower Upper
105 100
120 46.1 23.1 69.2





#85

sec-Butylbenzene

Concen: 20.82 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003883.D

Acq: 07 Aug 2018 16:32

Instrument :

MSVOA_X

ClientSampleId :

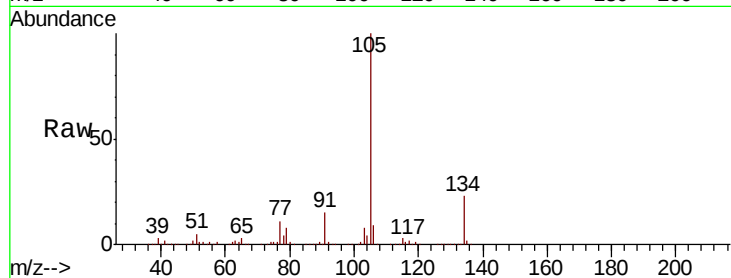
VX0807WBSD01

Tot Ion:105 Resp: 363065

Ion Ratio Lower Upper

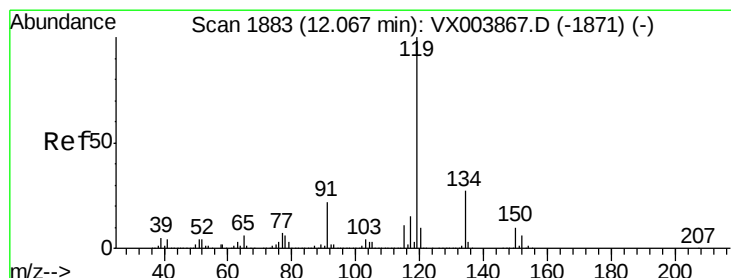
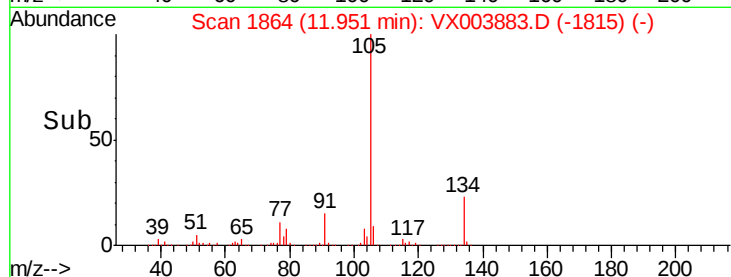
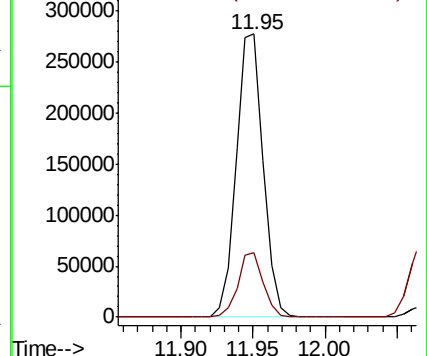
105 100

134 21.3 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: VX003883.D

Acq: 07 Aug 2018 16:32

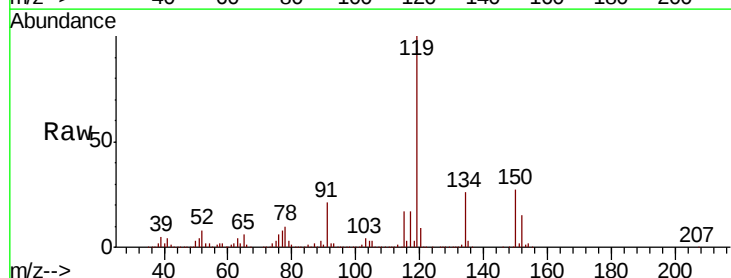
Tgt Ion:119 Resp: 313104

Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

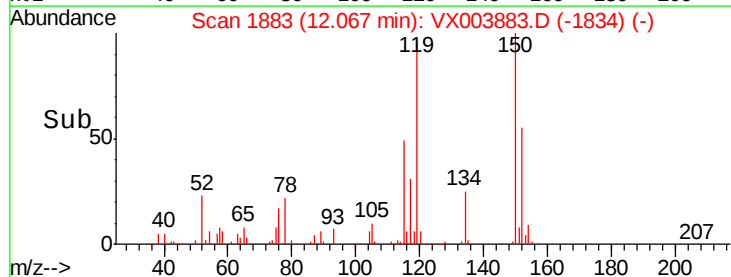
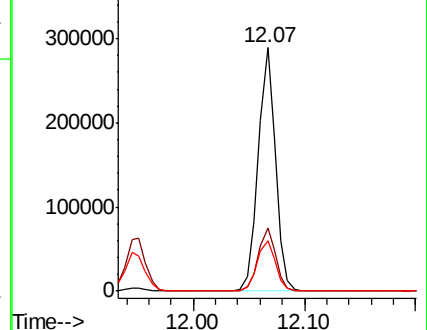
91 22.0 10.9 32.7

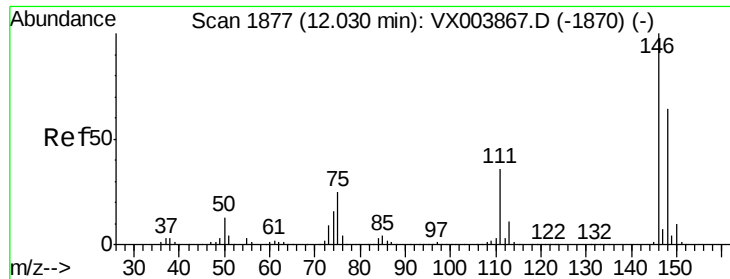


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

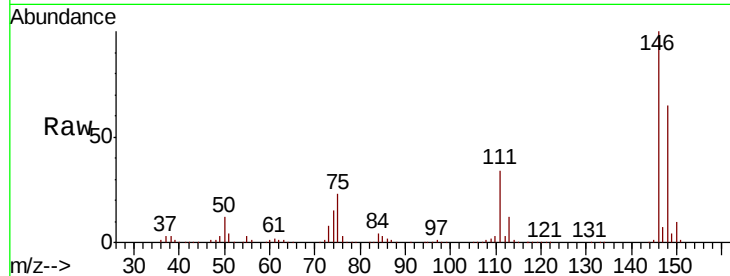




#87
 1,3-Dichlorobenzene
 Concen: 19.85 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX003883.D
 Acq: 07 Aug 2018 16:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.8	56.4
148	62.6	31.9	95.5

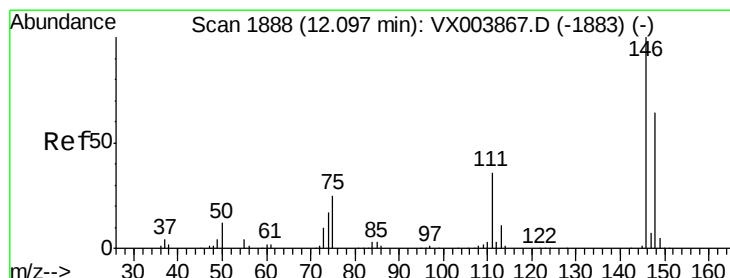
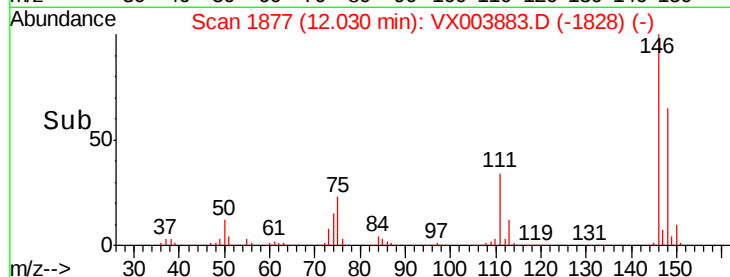
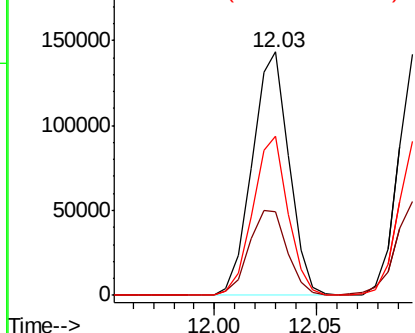


Abundance

Ion 145.90 (145.60 to 146.60): V

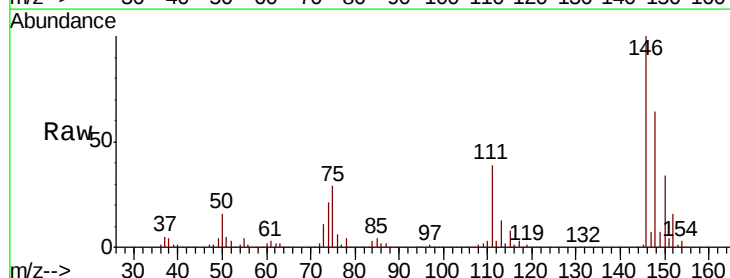
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88
 1,4-Dichlorobenzene
 Concen: 20.59 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003883.D
 Acq: 07 Aug 2018 16:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.4	55.0
148	63.4	32.3	96.8

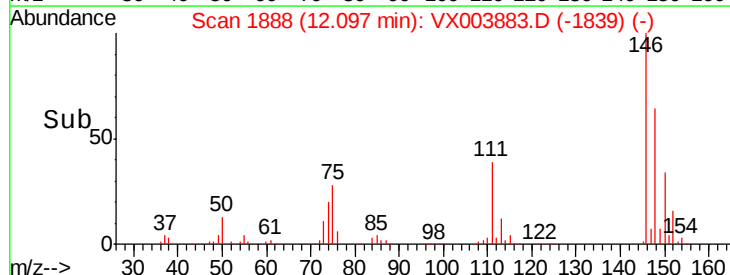
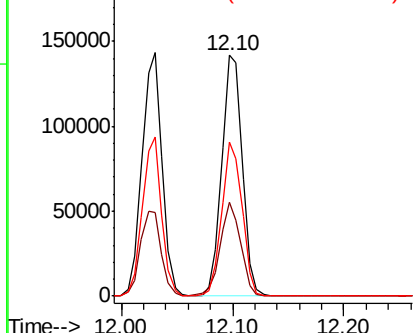


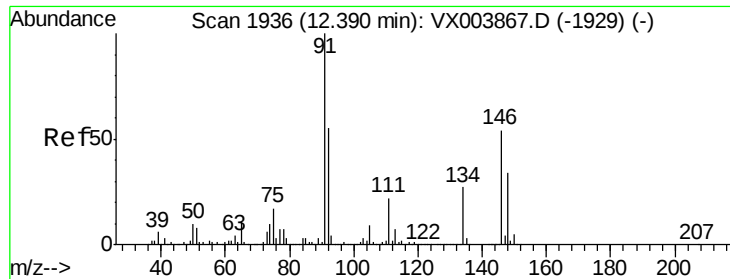
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

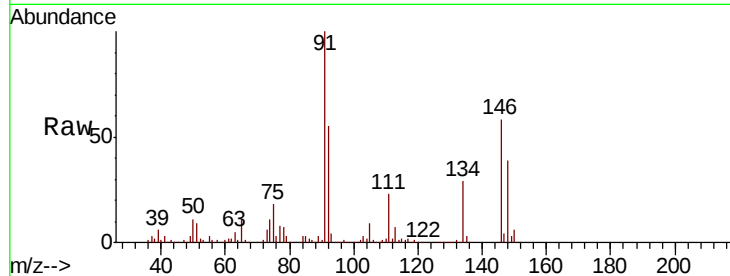




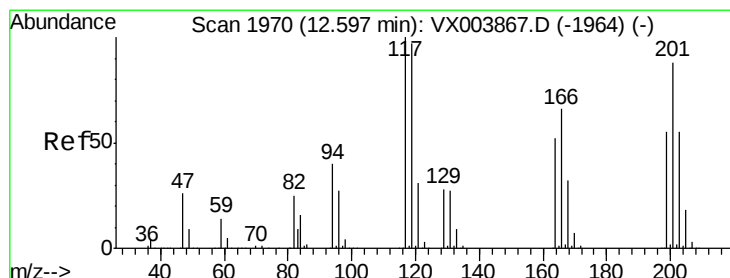
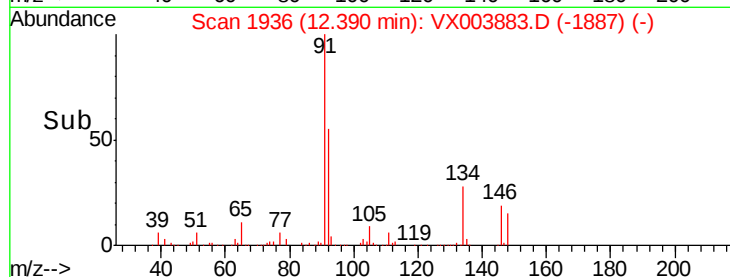
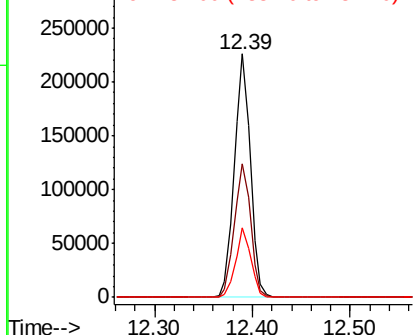
#89
n-Butylbenzene
Concen: 18.88 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003883.D
Acq: 07 Aug 2018 16:32

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD01

Tot Ion: 91 Resp: 257445
Ion Ratio Lower Upper
91 100
92 56.0 27.1 81.3
134 27.1 13.6 40.7

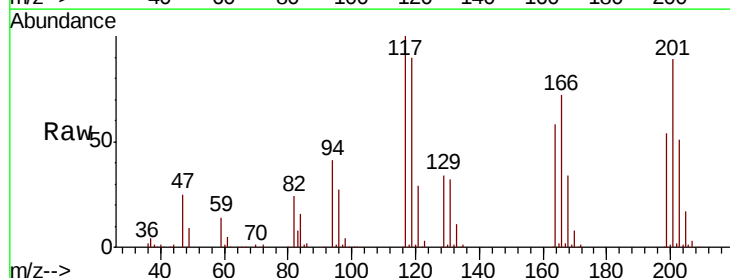


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

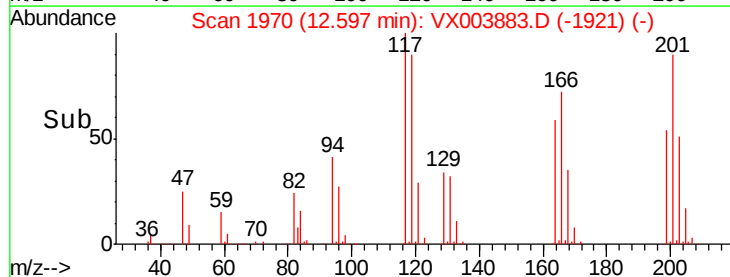
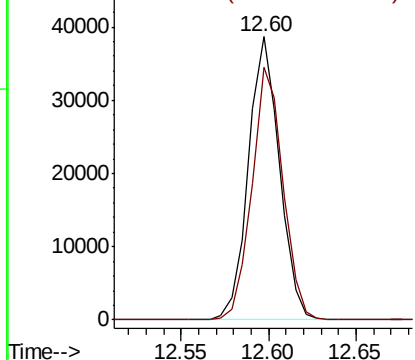


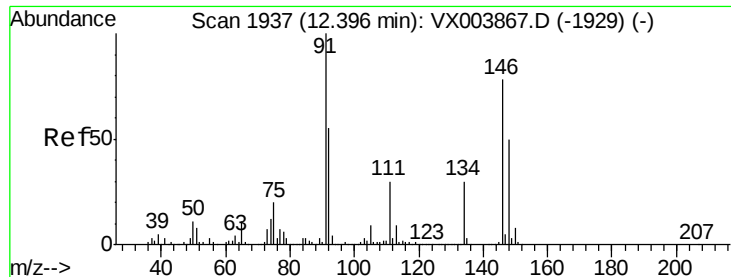
#90
Hexachloroethane
Concen: 18.72 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003883.D
Acq: 07 Aug 2018 16:32

Tgt Ion: 117 Resp: 47555
Ion Ratio Lower Upper
117 100
201 89.4 46.1 138.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 19.20 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX003883.D

Acq: 07 Aug 2018 16:32

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD01

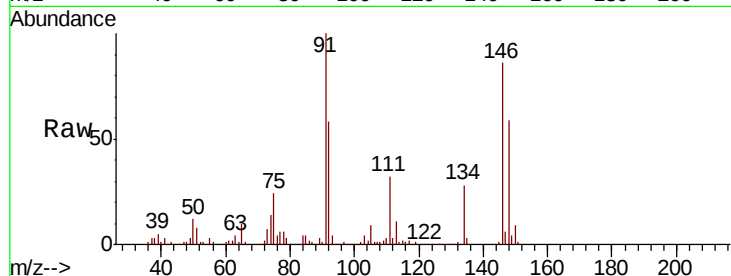
Tot Ion:146 Resp: 172885

Ion Ratio Lower Upper

146 100

111 39.5 19.7 59.0

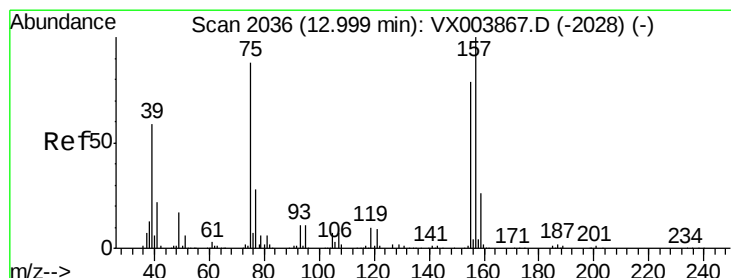
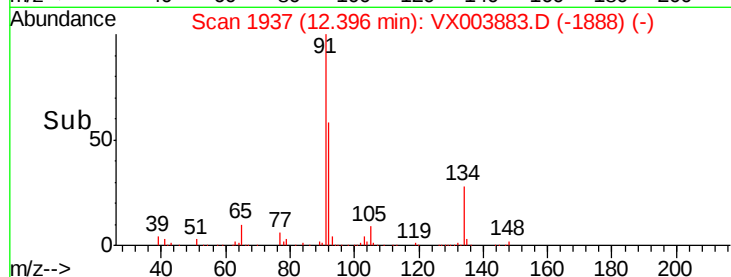
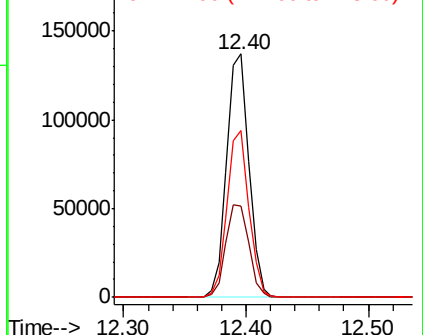
148 66.8 31.9 95.5



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: 17.88 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VX003883.D

Acq: 07 Aug 2018 16:32

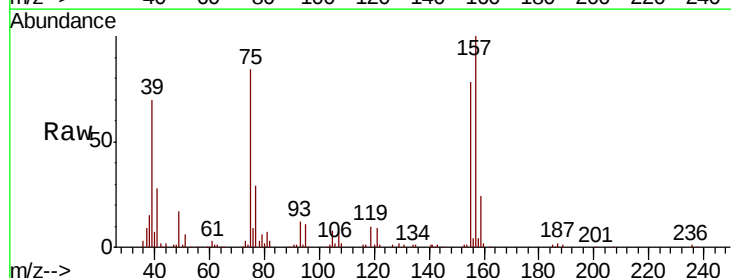
Tgt Ion: 75 Resp: 23116

Ion Ratio Lower Upper

75 100

155 97.3 48.7 146.1

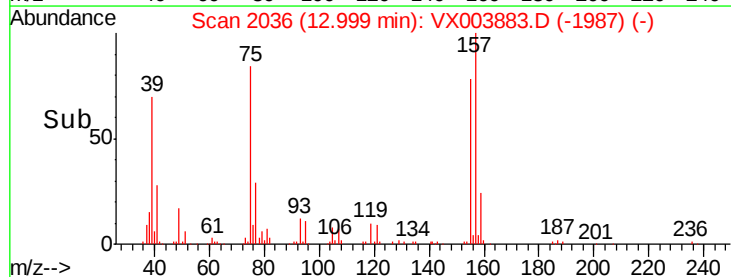
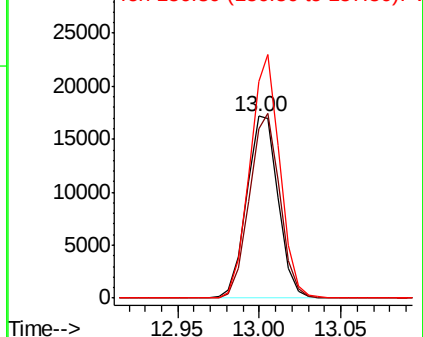
157 127.2 62.6 187.8

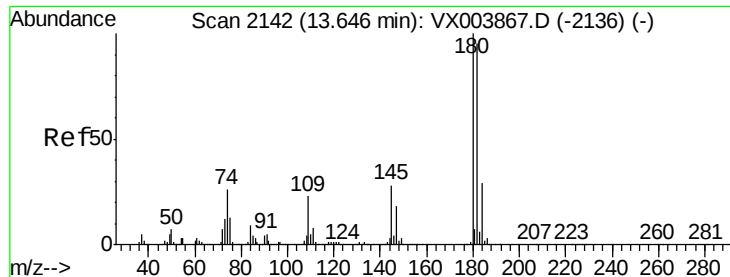


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

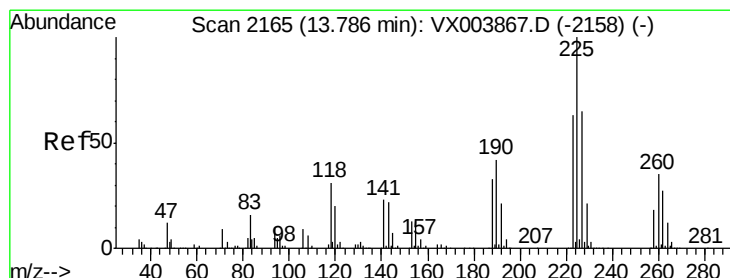
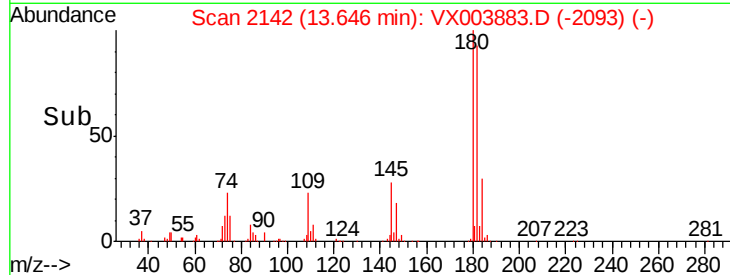
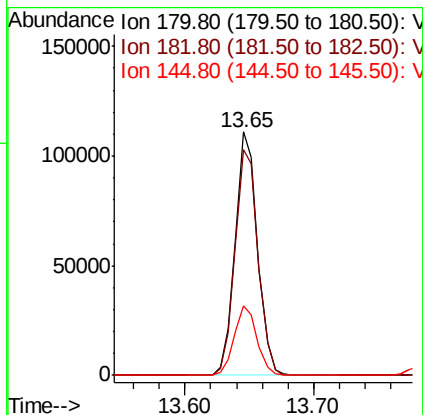
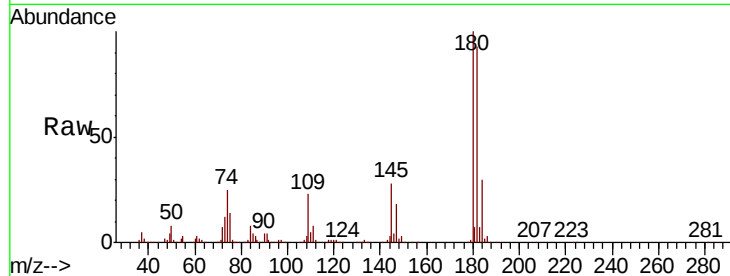




#93
 1,2,4-Trichlorobenzene
 Concen: 20.76 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX003883.D
 Acq: 07 Aug 2018 16:32

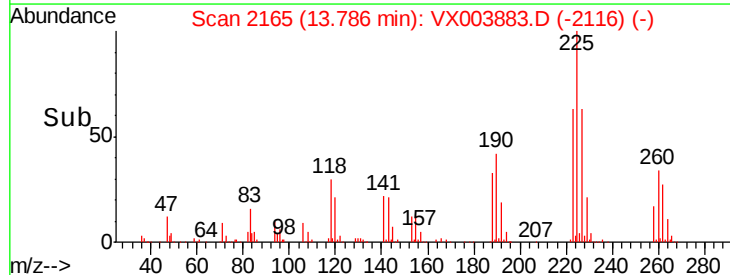
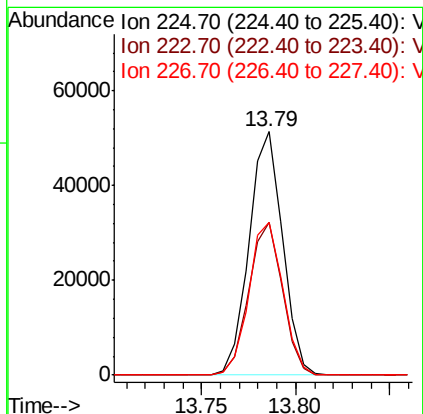
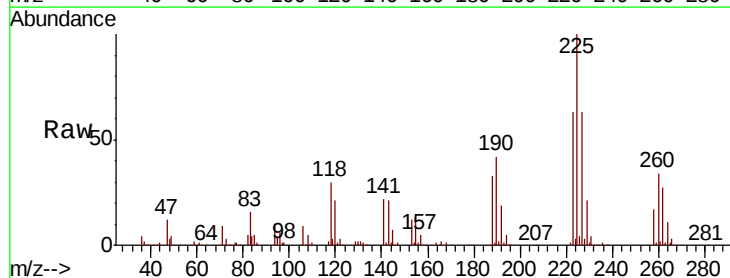
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD01

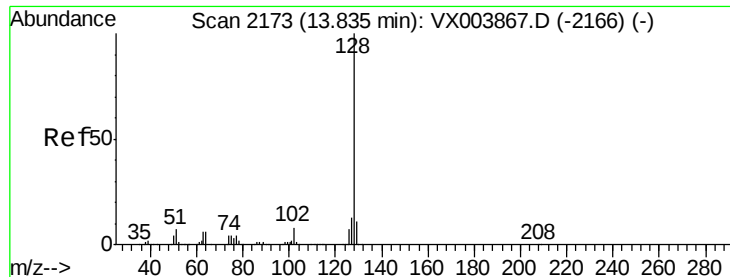
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.7	143.1
145	28.8	13.9	41.6



#94
 Hexachlorobutadiene
 Concen: 22.38 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003883.D
 Acq: 07 Aug 2018 16:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.4	94.0
227	63.7	32.1	96.5





#95

Naphthalene

Concen: 22.39 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX003883.D

Acq: 07 Aug 2018 16:32

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD01

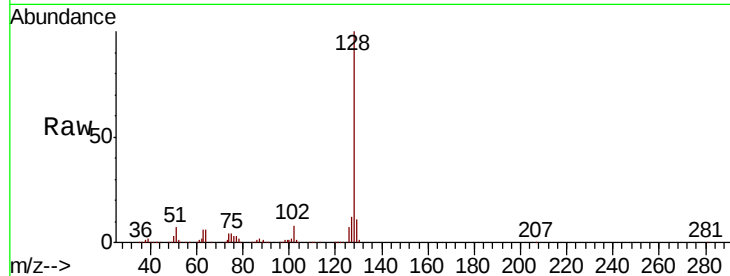
Tot Ion:128 Resp: 415122

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

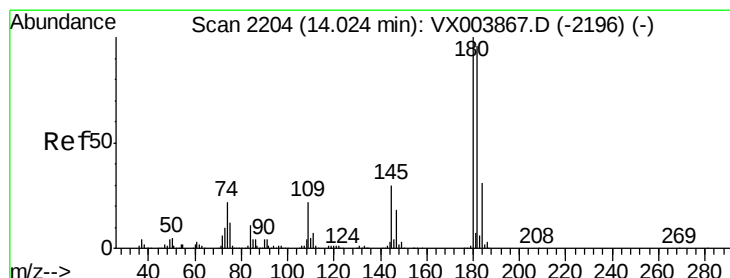
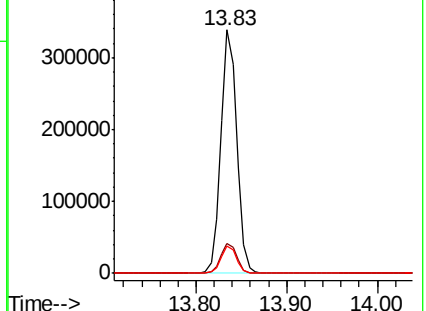
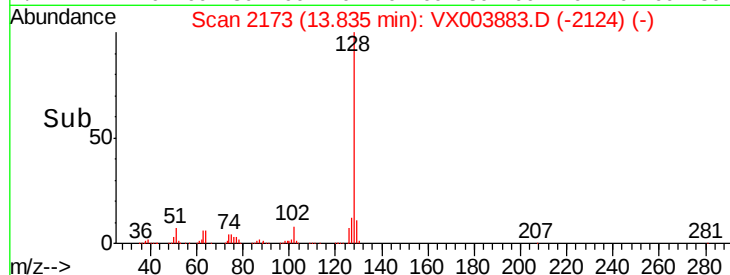
129 10.8 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 22.10 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX003883.D

Acq: 07 Aug 2018 16:32

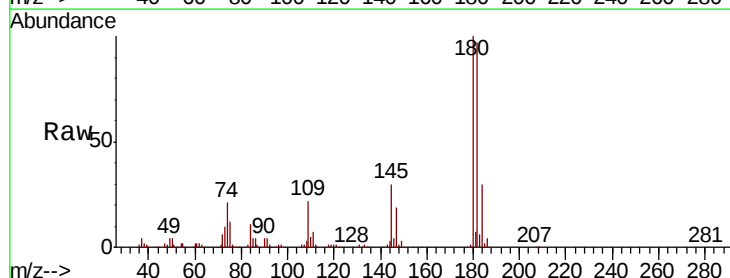
Tgt Ion:180 Resp: 142780

Ion Ratio Lower Upper

180 100

182 96.0 48.1 144.4

145 30.5 14.9 44.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

