

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081018\
 Data File : VX003967.D
 Acq On : 10 Aug 2018 10:58
 Operator : JC/MD
 Sample : VX0810WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0810WBS01

Quant Time: Aug 11 01:41:39 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	5.66	168	338074	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	480062	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	445409	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	265385	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	220109	49.12	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.24%	
35) Dibromofluoromethane	5.50	113	183566	50.47	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.94%	
50) Toluene-d8	8.71	98	714416	50.51	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.02%	
62) 4-Bromofluorobenzene	11.14	95	247523	54.09	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	65371	19.08	ug/l	98
3) Chloromethane	1.32	50	76077	16.32	ug/l	99
4) Vinyl Chloride	1.40	62	84487	18.18	ug/l	100
5) Bromomethane	1.64	94	46000	15.89	ug/l	98
6) Chloroethane	1.72	64	59443	19.99	ug/l	98
7) Trichlorofluoromethane	1.93	101	117240	19.10	ug/l	98
8) Diethyl Ether	2.19	74	51242	18.57	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	73651	19.20	ug/l	100
10) Methyl Iodide	2.51	142	52705	11.04	ug/l	100
11) Tert butyl alcohol	3.06	59	90637	84.17	ug/l	98
12) 1,1-Dichloroethene	2.37	96	67521	18.61	ug/l	96
13) Acrolein	2.29	56	40571	68.38	ug/l	100
14) Allyl chloride	2.73	41	128726	18.40	ug/l	98
15) Acrylonitrile	3.15	53	222934	86.76	ug/l	99
16) Acetone	2.44	43	242875	91.10	ug/l	99
17) Carbon Disulfide	2.57	76	182785	18.06	ug/l	99
18) Methyl Acetate	2.78	43	107609	18.54	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	244329	19.00	ug/l	100
20) Methylene Chloride	2.85	84	82242	18.42	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	75721	18.38	ug/l	95
22) Diisopropyl ether	3.87	45	239641	18.64	ug/l	99
23) Vinyl Acetate	3.82	43	1032652	96.52	ug/l	100
24) 1,1-Dichloroethane	3.70	63	143379	18.77	ug/l	99
25) 2-Butanone	4.70	43	360790	90.00	ug/l	99
26) 2,2-Dichloropropane	4.58	77	111628	20.27	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	86027	19.25	ug/l	98
28) Bromochloromethane	5.01	49	62083	18.99	ug/l	100
29) Tetrahydrofuran	5.15	42	178604	86.69	ug/l	100
30) Chloroform	5.21	83	140662	19.56	ug/l	99
31) Cyclohexane	5.57	56	120452	18.65	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	117387	19.47	ug/l	99
36) 1,1-Dichloropropene	5.80	75	105033	19.53	ug/l	100
37) Ethyl Acetate	4.85	43	107687	18.21	ug/l	100
38) Carbon Tetrachloride	5.78	117	102577	20.04	ug/l	97

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 VX0810WBS01

Quant Time: Aug 11 01:41:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	121440	19.16	ug/l	98
40) Benzene	6.14	78	322322	19.96	ug/l	99
41) Methacrylonitrile	5.06	41	61795	18.97	ug/l	98
42) 1,2-Dichloroethane	6.20	62	110561	20.25	ug/l	100
43) Isopropyl Acetate	6.46	43	164871	18.52	ug/l	100
44) Trichloroethene	7.21	130	85842	19.44	ug/l	94
45) 1,2-Dichloropropane	7.51	63	79778	19.14	ug/l	99
46) Dibromomethane	7.66	93	52477	19.39	ug/l	99
47) Bromodichloromethane	7.90	83	101500	19.91	ug/l	100
48) Methyl methacrylate	7.77	41	83931	18.55	ug/l	98
49) 1,4-Dioxane	7.75	88	39903	374.39	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	693335	93.98	ug/l	100
52) Toluene	8.79	92	206579	20.25	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	112160	19.46	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	124647	20.06	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	82376	19.76	ug/l	99
56) Ethyl methacrylate	9.18	69	114900	19.00	ug/l	100
57) 1,3-Dichloropropane	9.37	76	138456	19.85	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	292989	98.51	ug/l	100
59) 2-Hexanone	9.49	43	530596	96.22	ug/l	99
60) Dibromochloromethane	9.59	129	80638	20.75	ug/l	99
61) 1,2-Dibromoethane	9.67	107	85637	20.52	ug/l	99
64) Tetrachloroethene	9.34	164	81877	18.69	ug/l	93
65) Chlorobenzene	10.14	112	226839	19.57	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.22	131	77797	19.53	ug/l	98
67) Ethyl Benzene	10.25	91	374566	19.74	ug/l	97
68) m/p-Xylenes	10.36	106	297409	40.12	ug/l	100
69) o-Xylene	10.70	106	143498	20.51	ug/l	96
70) Styrene	10.71	104	241747	21.10	ug/l	97
71) Bromoform	10.86	173	59577	19.52	ug/l #	99
73) Isopropylbenzene	11.02	105	386887	19.71	ug/l	96
74) N-amyl acetate	6.46	43	164871	16.15	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	119914	17.82	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	125547	21.42	ug/l	88
77) Bromobenzene	11.26	156	97659	18.65	ug/l	99
78) n-propylbenzene	11.36	91	420016	19.05	ug/l	100
79) 2-Chlorotoluene	11.42	91	246358	18.33	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	304527	19.02	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	33288	16.98	ug/l	97
82) 4-Chlorotoluene	11.51	91	289775	18.40	ug/l	98
83) tert-Butylbenzene	11.77	119	308700	19.60	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	325331	20.21	ug/l	99
85) sec-Butylbenzene	11.95	105	374035	20.12	ug/l	100
86) p-Isopropyltoluene	12.07	119	341170	20.46	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	185619	19.17	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	188040	20.10	ug/l	98
89) n-Butylbenzene	12.39	91	275808	18.98	ug/l	99
90) Hexachloroethane	12.60	117	46787	17.28	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	177334	18.48	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22437	16.28	ug/l	98

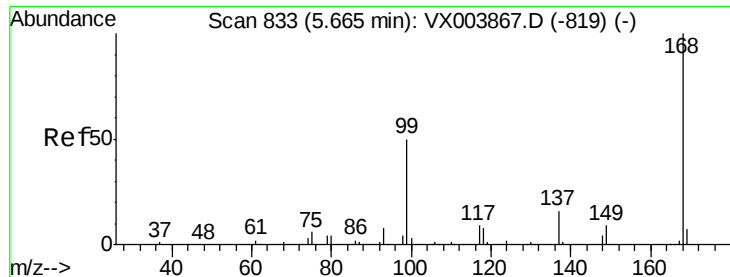
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081018\
Data File : VX003967.D
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Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	124097	17.98	ug/l	97
94) Hexachlorobutadiene	13.79	225	58684	19.54	ug/l	99
95) Naphthalene	13.83	128	366381	18.54	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	133072	19.32	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX003967.D

Acq: 10 Aug 2018 10:58

Instrument :

MSVOA_X

ClientSampleId :

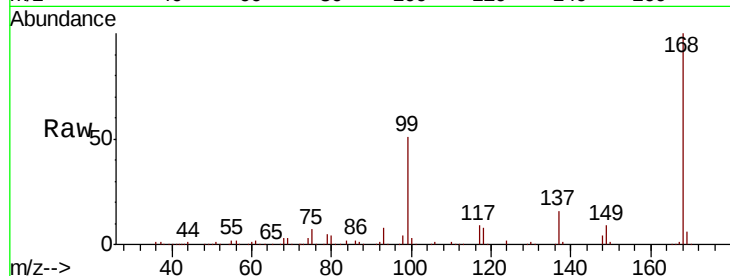
VX0810WBS01

Tot Ion:168 Resp: 338074

Ion Ratio Lower Upper

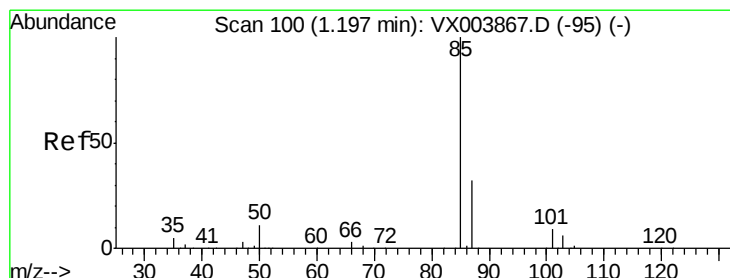
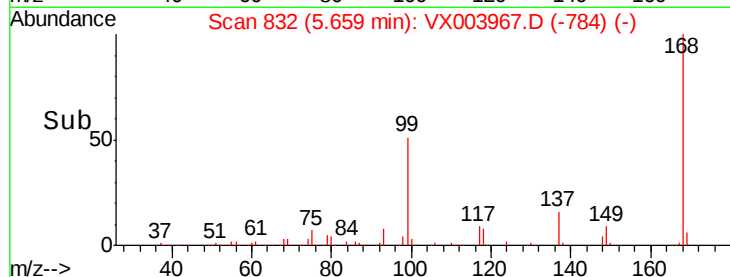
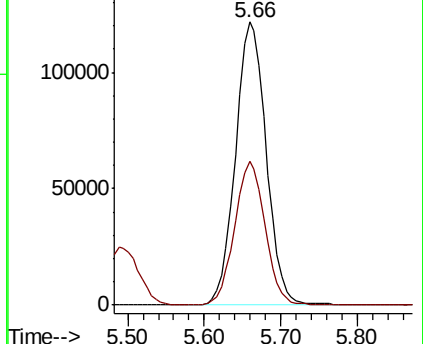
168 100

99 50.7 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.08 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX003967.D

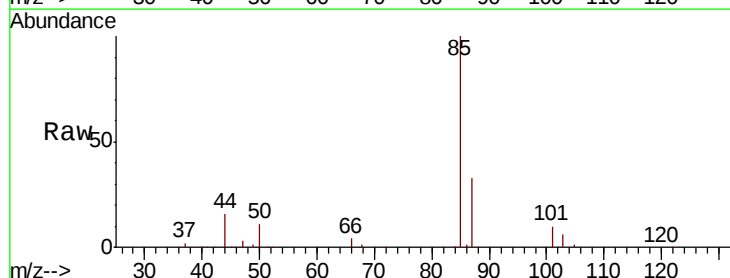
Acq: 10 Aug 2018 10:58

Tgt Ion: 85 Resp: 65371

Ion Ratio Lower Upper

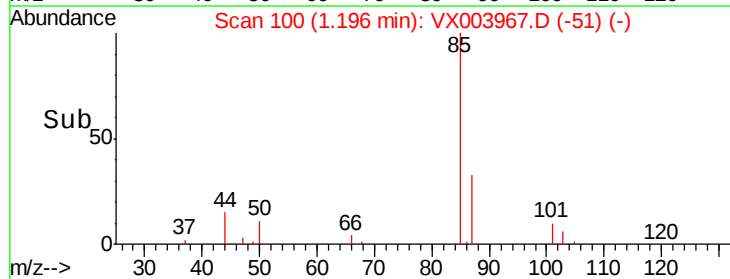
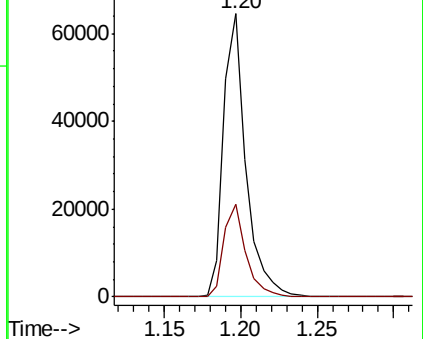
85 100

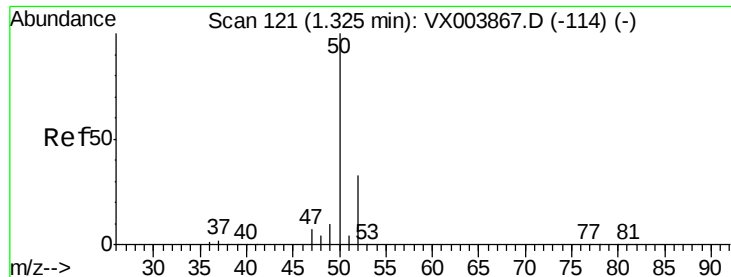
87 32.9 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 16.32 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX003967.D

Acq: 10 Aug 2018 10:58

Instrument :

MSVOA_X

ClientSampleId :

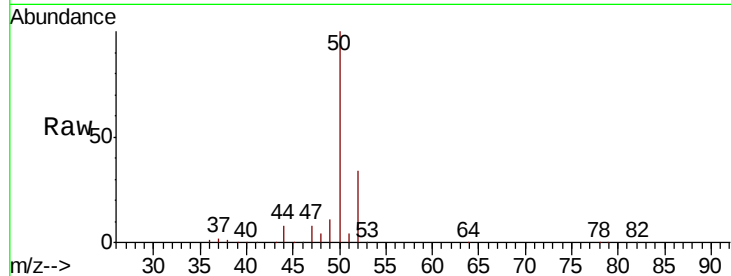
VX0810WBS01

Tot Ion: 50 Resp: 76077

Ion Ratio Lower Upper

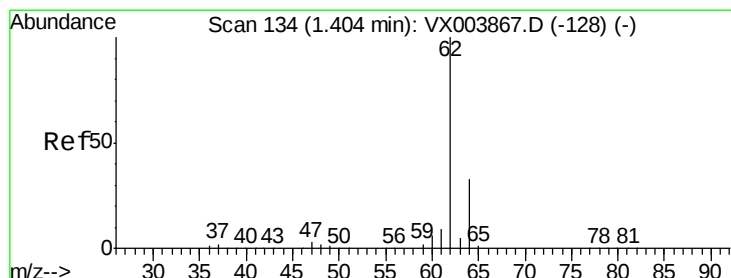
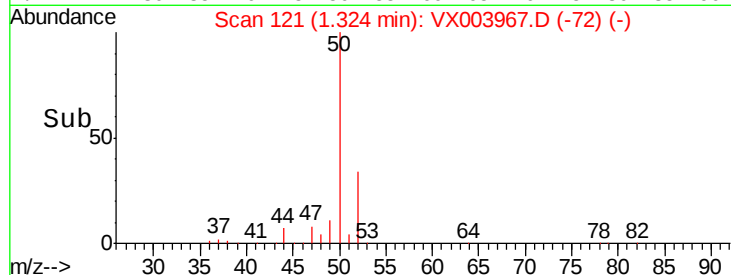
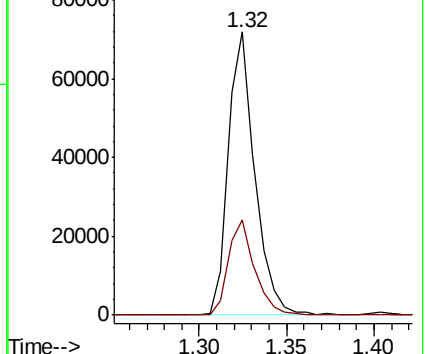
50 100

52 33.7 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: 18.18 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003967.D

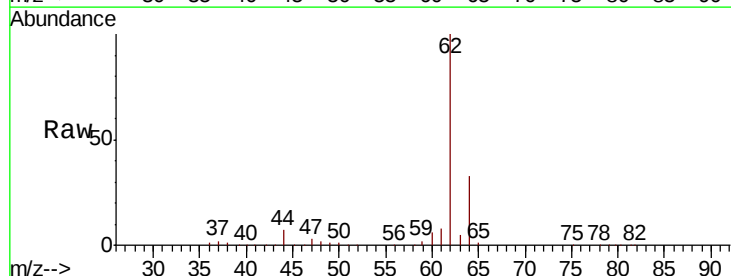
Acq: 10 Aug 2018 10:58

Tgt Ion: 62 Resp: 84487

Ion Ratio Lower Upper

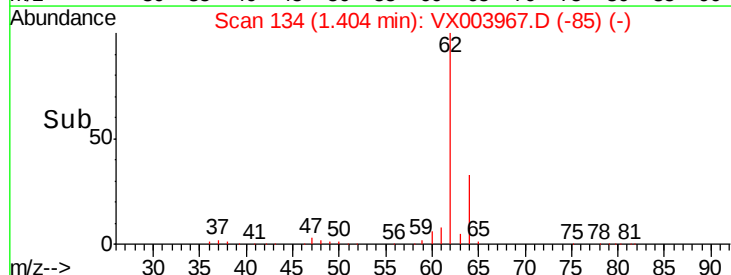
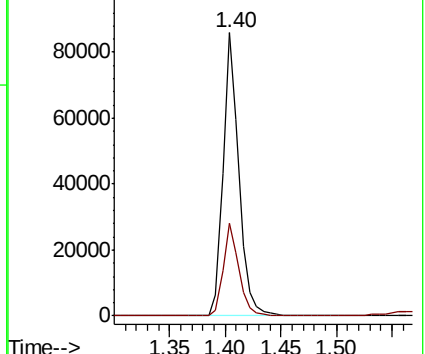
62 100

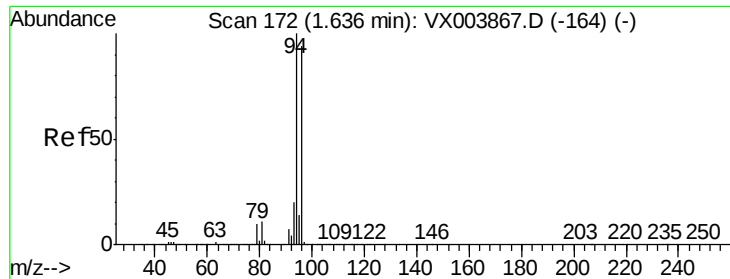
64 32.6 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 15.89 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003967.D

Acq: 10 Aug 2018 10:58

Instrument :

MSVOA_X

ClientSampleId :

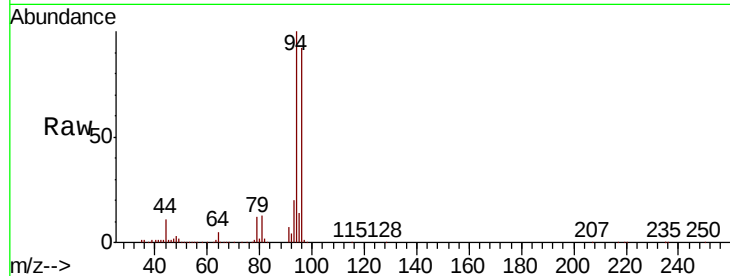
VX0810WBS01

Tot Ion: 94 Resp: 46000

Ion Ratio Lower Upper

94 100

96 92.5 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

50000

40000

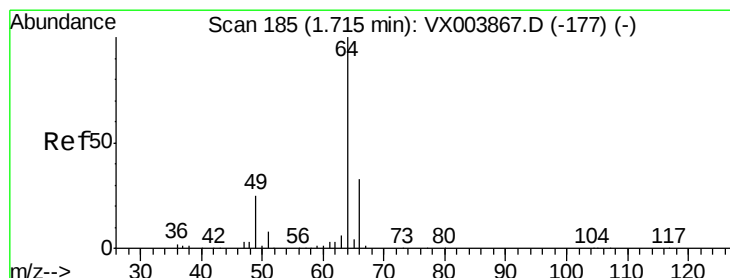
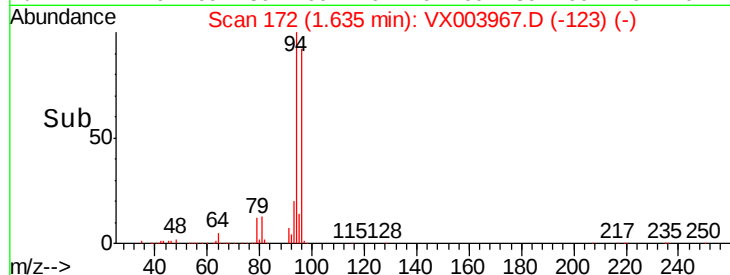
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 19.99 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003967.D

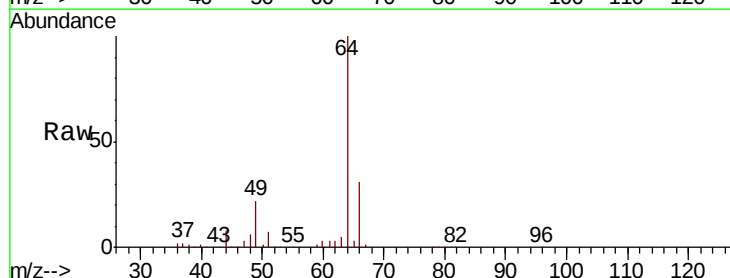
Acq: 10 Aug 2018 10:58

Tgt Ion: 64 Resp: 59443

Ion Ratio Lower Upper

64 100

66 32.0 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

50000

40000

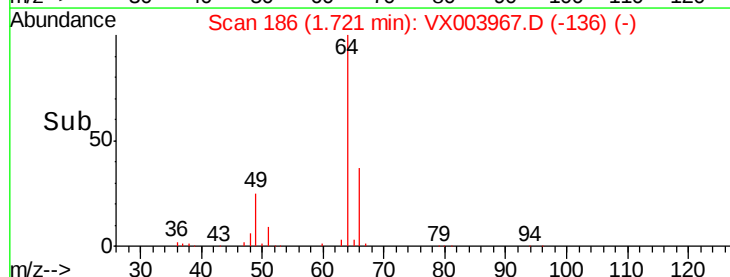
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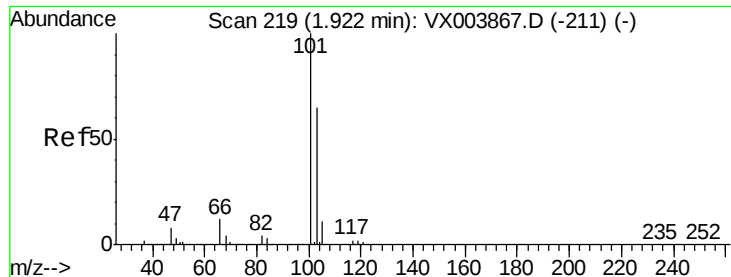
20000

10000

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Time-->



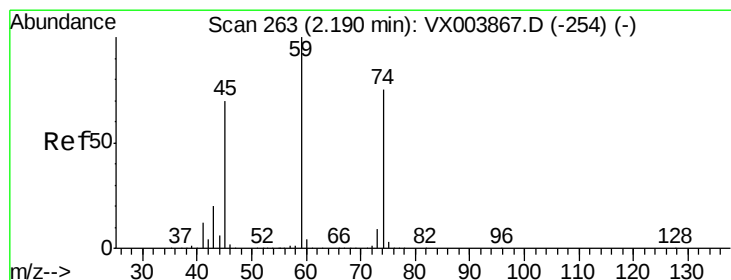
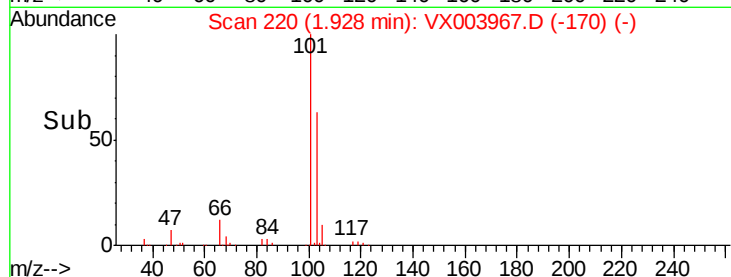
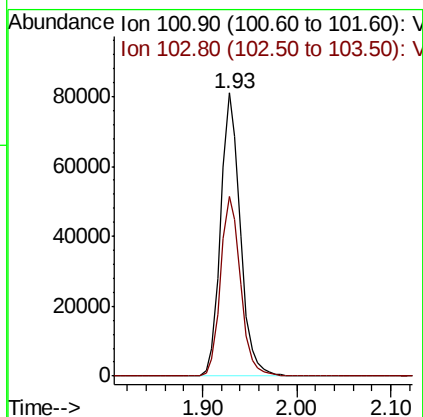
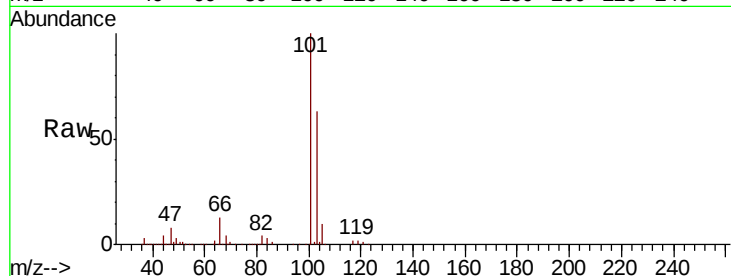


#7

Trichlorofluoromethane
 Concen: 19.10 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX003967.D
 Acq: 10 Aug 2018 10:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0810WBS01

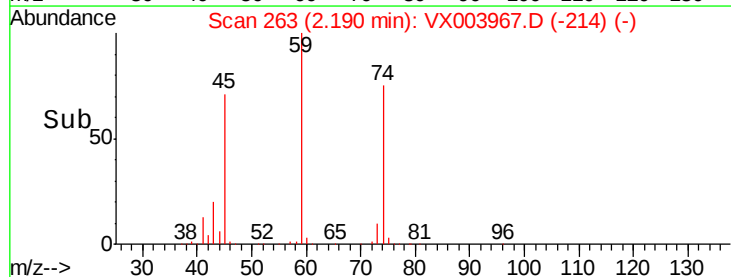
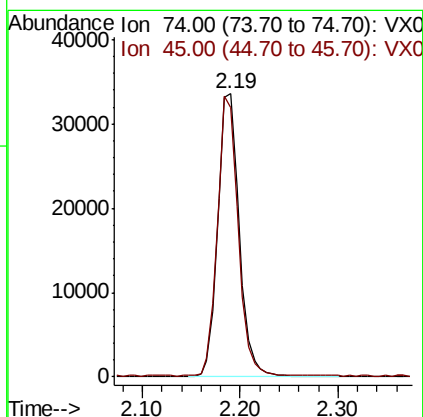
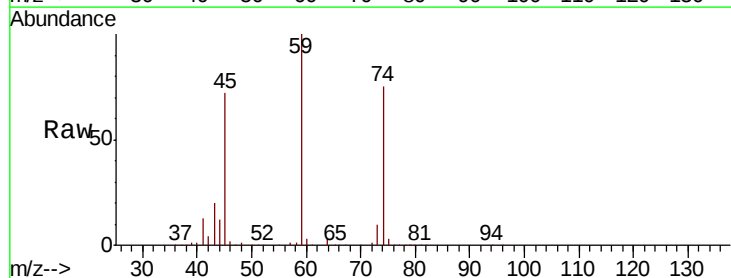
Tot Ion:101 Resp: 117240
 Ion Ratio Lower Upper
 101 100
 103 63.5 52.3 78.5

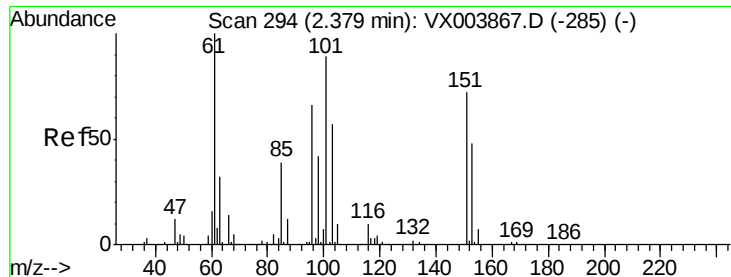


#8

Diethyl Ether
 Concen: 18.57 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX003967.D
 Acq: 10 Aug 2018 10:58

Tgt Ion: 74 Resp: 51242
 Ion Ratio Lower Upper
 74 100
 45 95.5 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.20 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003967.D

Acq: 10 Aug 2018 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0810WBS01

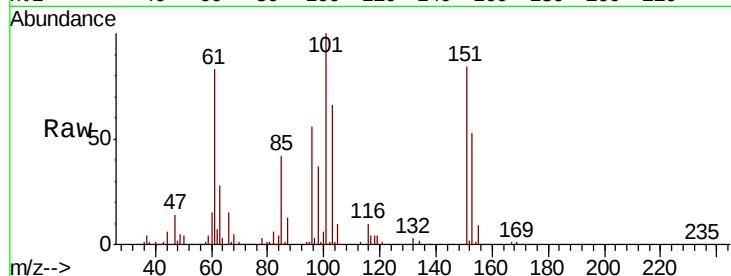
Tot Ion:101 Resp: 73651

Ion Ratio Lower Upper

101 100

85 42.7 34.2 51.4

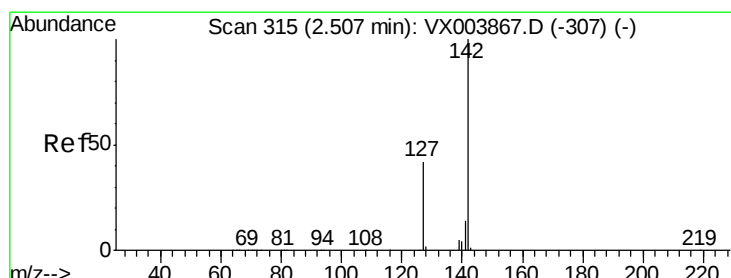
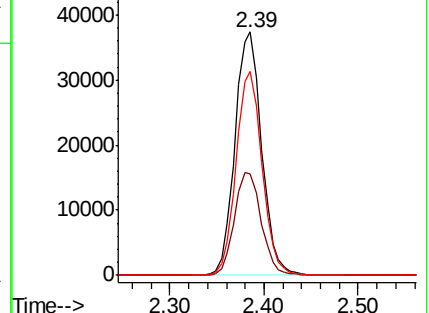
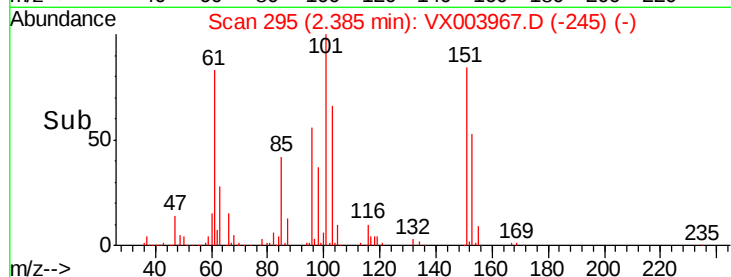
151 81.7 65.0 97.4



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: 11.04 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.00 min

Lab File: VX003967.D

Acq: 10 Aug 2018 10:58

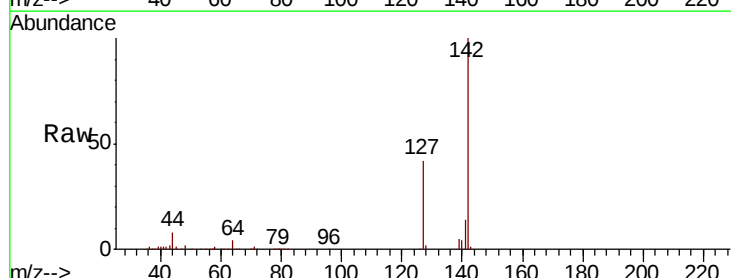
Tgt Ion:142 Resp: 52705

Ion Ratio Lower Upper

142 100

127 41.3 33.1 49.7

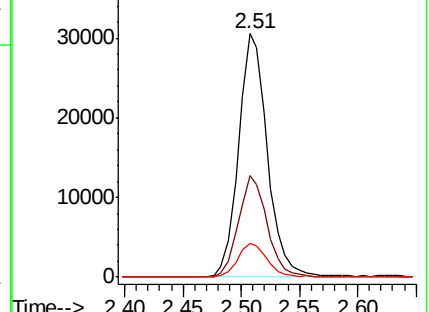
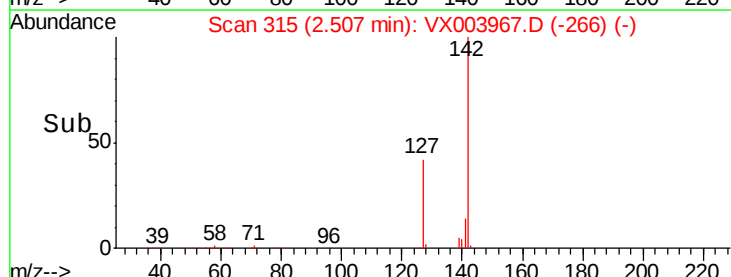
141 14.1 11.1 16.7

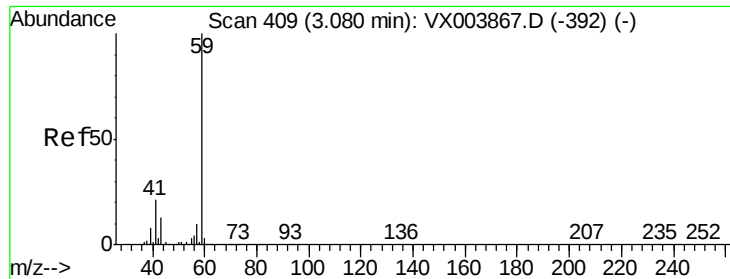


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

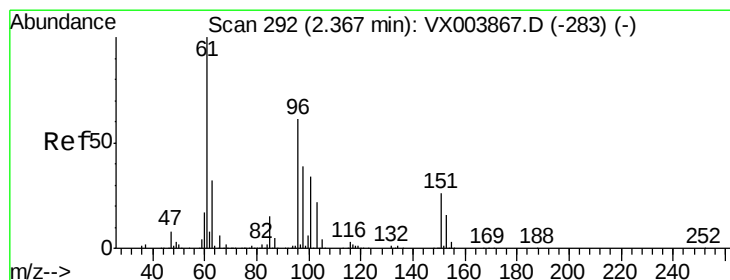
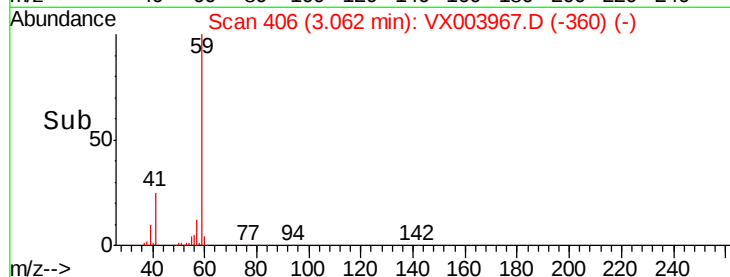
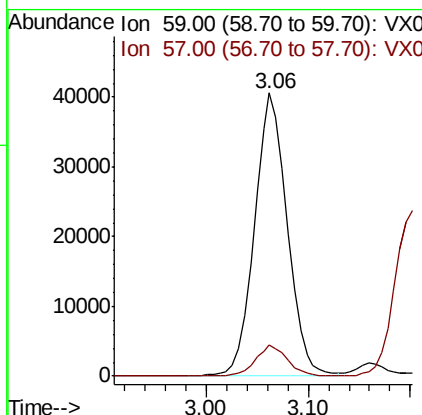
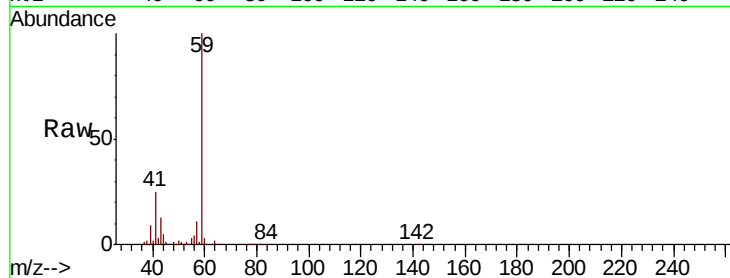




#11
Tert butyl alcohol
Concen: 84.17 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.02 min
Lab File: VX003967.D
Acq: 10 Aug 2018 10:58

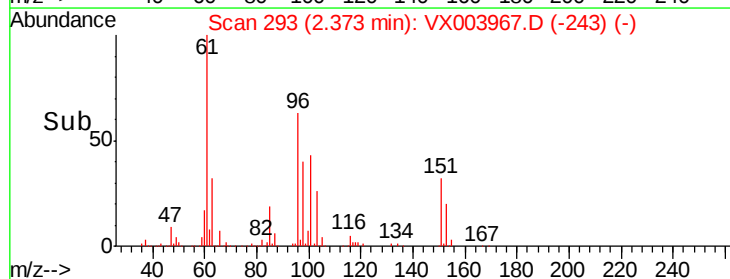
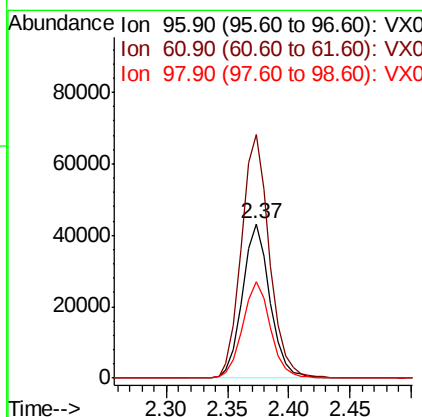
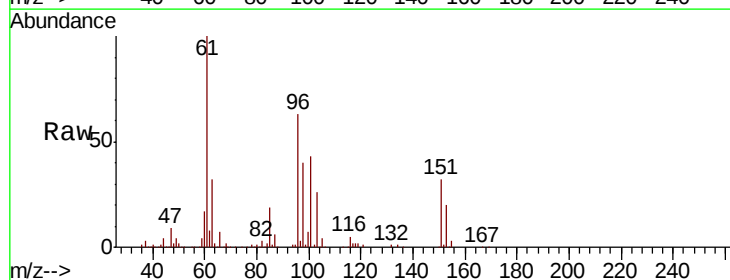
Instrument :
MSVOA_X
ClientSampleId :
VX0810WBS01

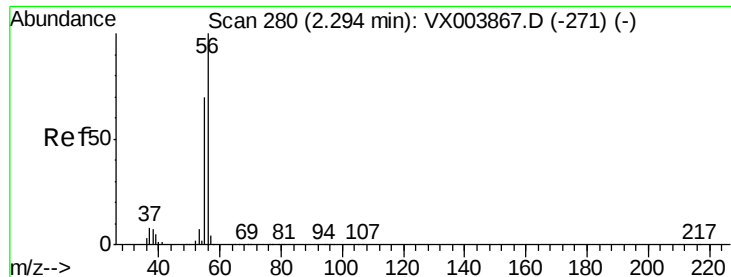
Tot Ion: 59 Resp: 90637
Ion Ratio Lower Upper
59 100
57 10.8 8.1 12.1



#12
1,1-Dichloroethene
Concen: 18.61 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.01 min
Lab File: VX003967.D
Acq: 10 Aug 2018 10:58

Tgt Ion: 96 Resp: 67521
Ion Ratio Lower Upper
96 100
61 157.9 131.3 196.9
98 62.9 51.8 77.6





#13

Acrolein

Concen: 68.38 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX003967.D

Acq: 10 Aug 2018 10:58

Instrument :

MSVOA_X

ClientSampleId :

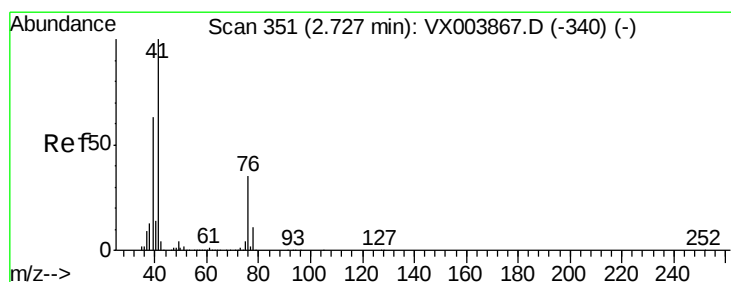
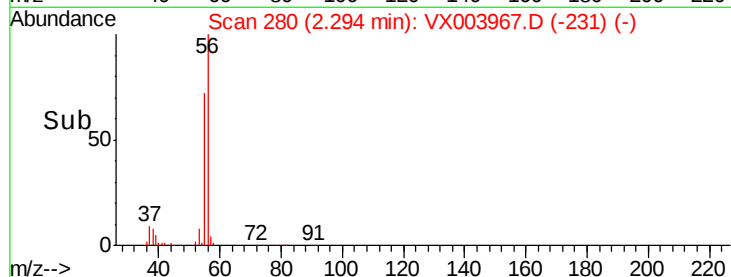
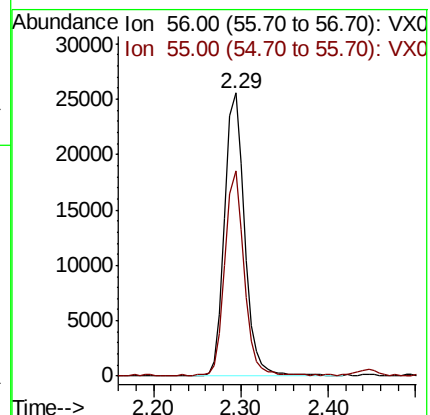
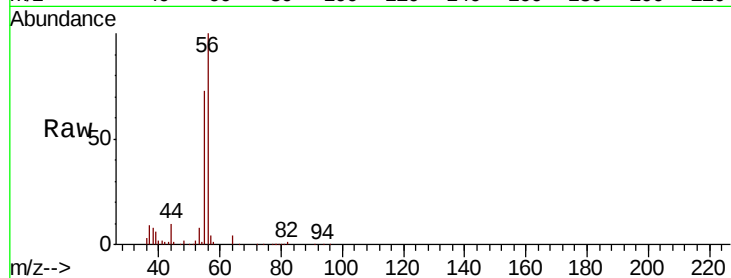
VX0810WBS01

Tot Ion: 56 Resp: 40571

Ion Ratio Lower Upper

56 100

55 70.0 56.1 84.1



#14

Allyl chloride

Concen: 18.40 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003967.D

Acq: 10 Aug 2018 10:58

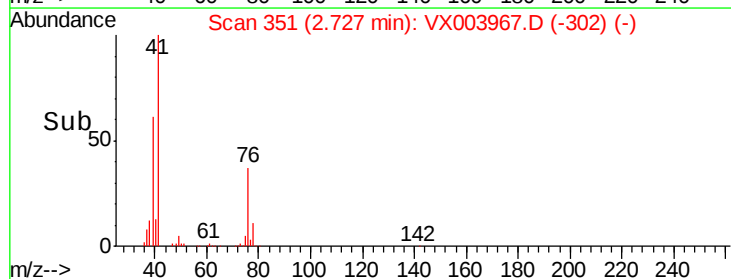
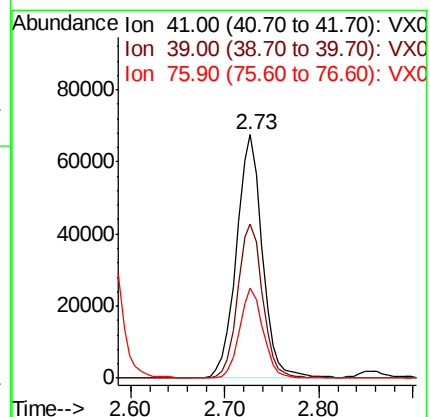
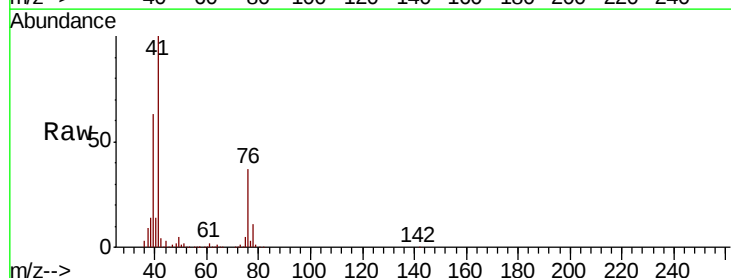
Tgt Ion: 41 Resp: 128726

Ion Ratio Lower Upper

41 100

39 61.2 47.4 71.0

76 33.7 26.0 39.0





#15

Acrylonitrile

Concen: 86.76 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX003967.D

Acq: 10 Aug 2018 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0810WBS01

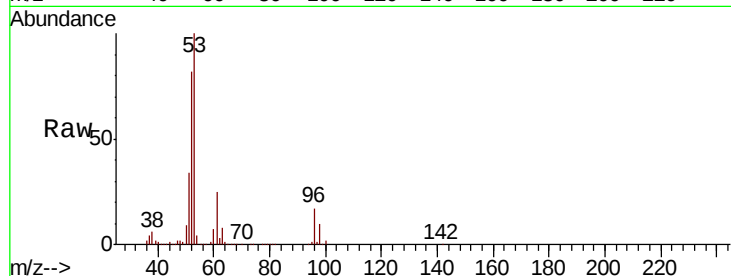
Tot Ion: 53 Resp: 222934

Ion Ratio Lower Upper

53 100

52 82.1 65.3 97.9

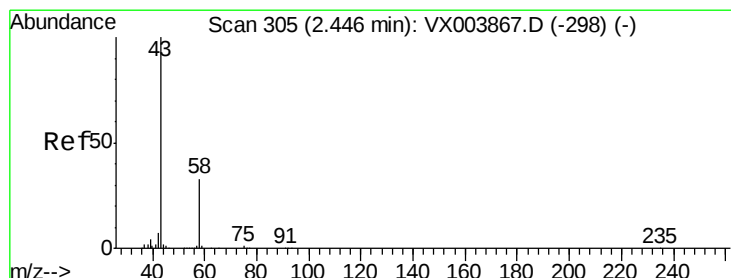
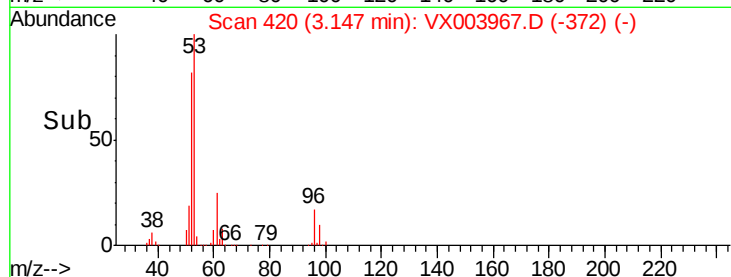
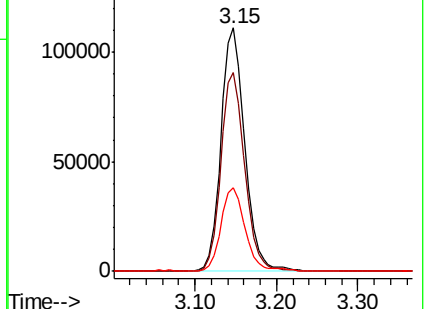
51 35.7 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 91.10 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.01 min

Lab File: VX003967.D

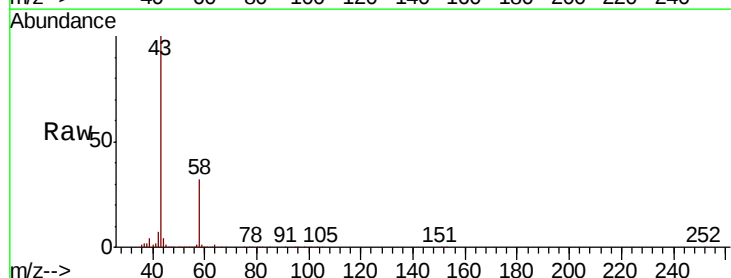
Acq: 10 Aug 2018 10:58

Tgt Ion: 43 Resp: 242875

Ion Ratio Lower Upper

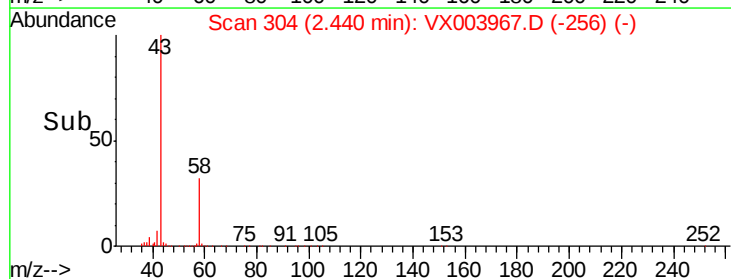
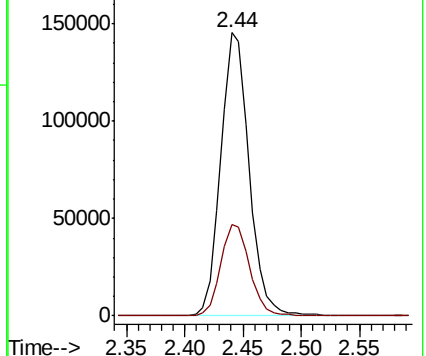
43 100

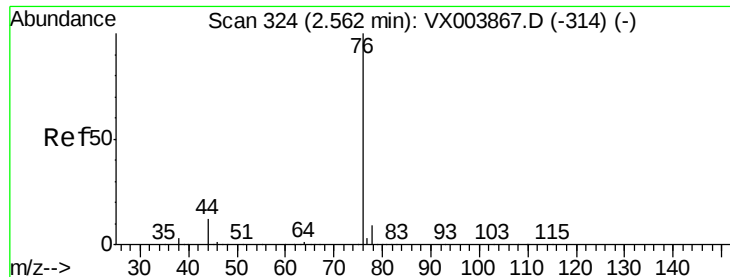
58 32.3 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

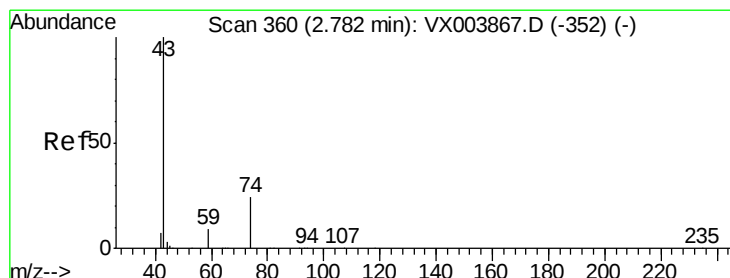
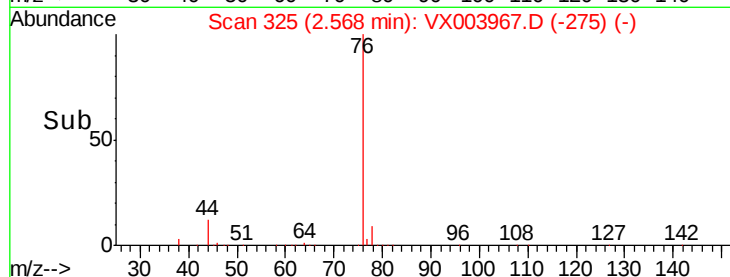
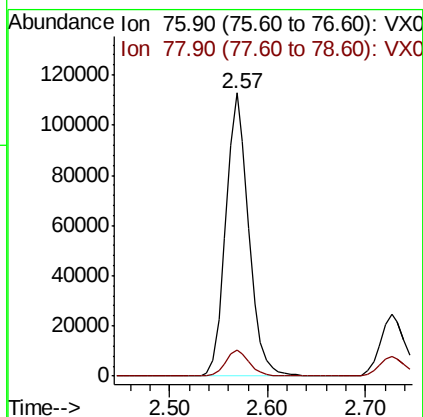
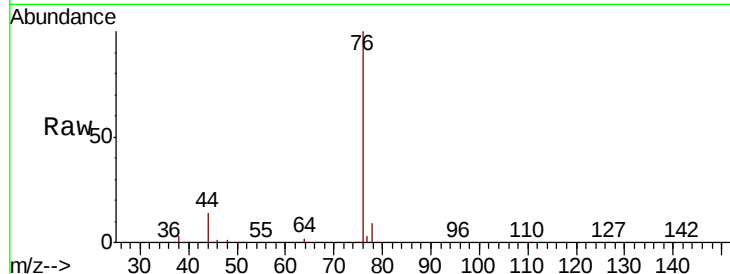




#17
Carbon Disulfide
Concen: 18.06 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX003967.D
Acq: 10 Aug 2018 10:58

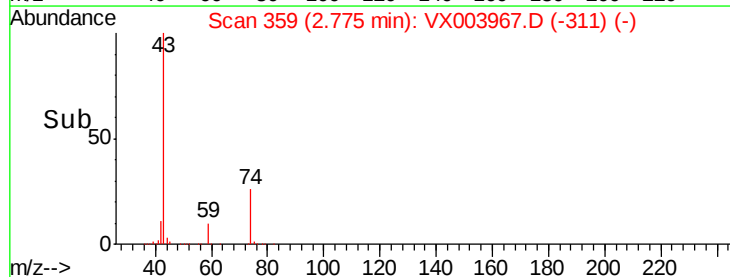
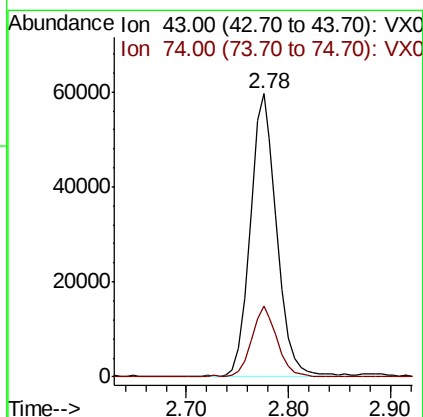
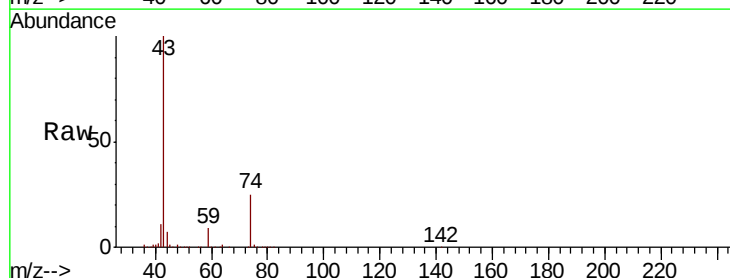
Instrument :
MSVOA_X
ClientSampleId :
VX0810WBS01

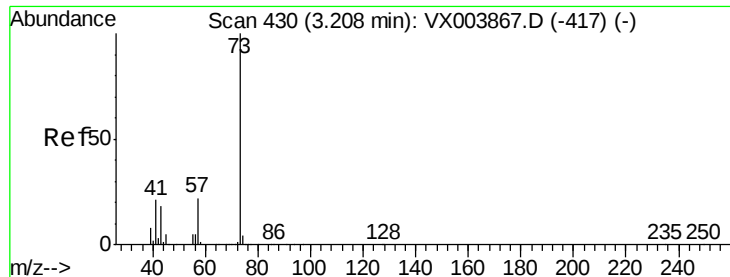
Tot Ion: 76 Resp: 182785
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 18.54 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX003967.D
Acq: 10 Aug 2018 10:58

Tgt Ion: 43 Resp: 107609
Ion Ratio Lower Upper
43 100
74 24.3 18.9 28.3





#19

Methyl tert-butyl Ether

Concen: 19.00 ug/l

RT: 3.20 min Scan# 429

Delta R.T. -0.01 min

Lab File: VX003967.D

Acq: 10 Aug 2018 10:58

Instrument :

MSVOA_X

ClientSampleId :

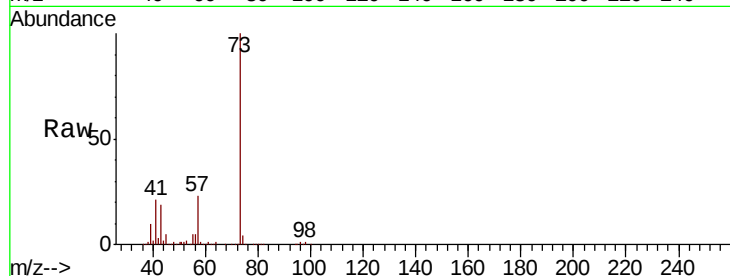
VX0810WBS01

Tot Ion: 73 Resp: 244329

Ion Ratio Lower Upper

73 100

57 22.7 18.0 27.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.20

120000

100000

80000

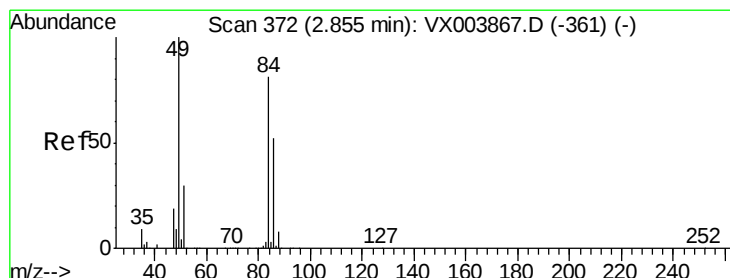
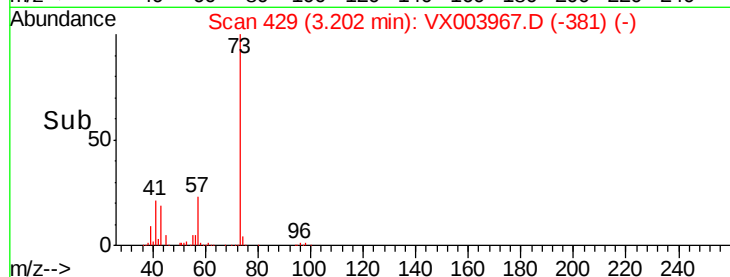
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 18.42 ug/l

RT: 2.85 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX003967.D

Acq: 10 Aug 2018 10:58

Tgt Ion: 84 Resp: 82242

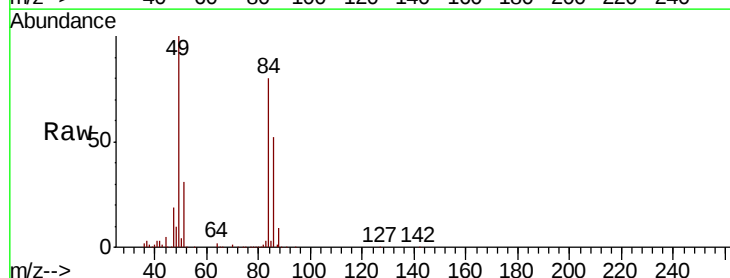
Ion Ratio Lower Upper

84 100

49 124.5 98.9 148.3

51 39.0 29.9 44.9

86 65.0 51.0 76.6



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

80000

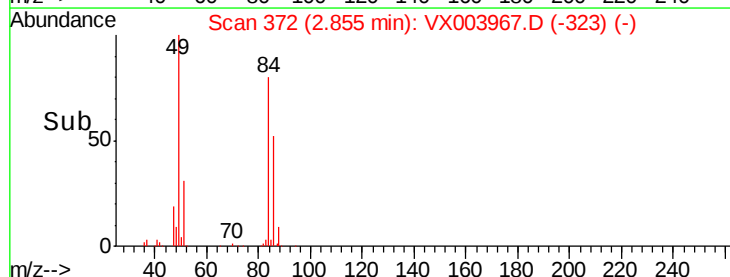
60000

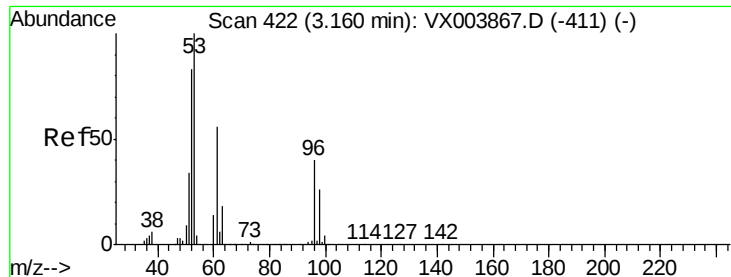
40000

20000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 18.38 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003967.D

Acq: 10 Aug 2018 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0810WBS01

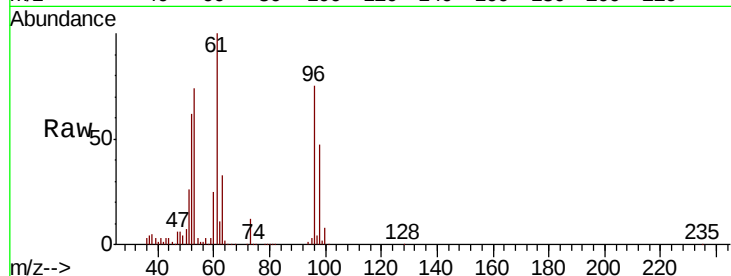
Tot Ion: 96 Resp: 75721

Ion Ratio Lower Upper

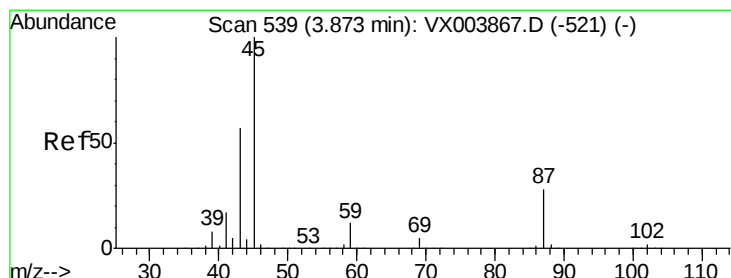
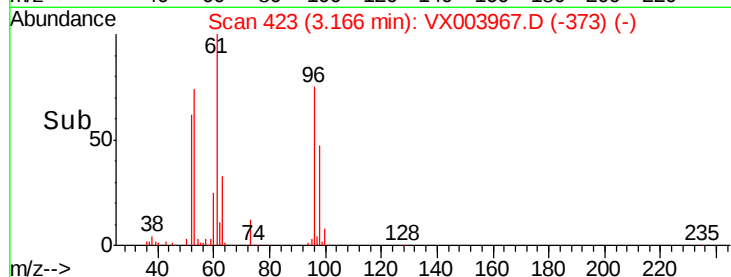
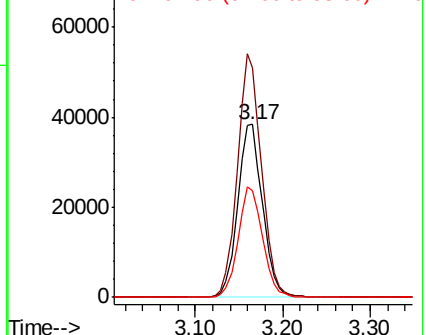
96 100

61 132.6 111.8 167.6

98 62.0 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: 18.64 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX003967.D

Acq: 10 Aug 2018 10:58

Tgt Ion: 45 Resp: 239641

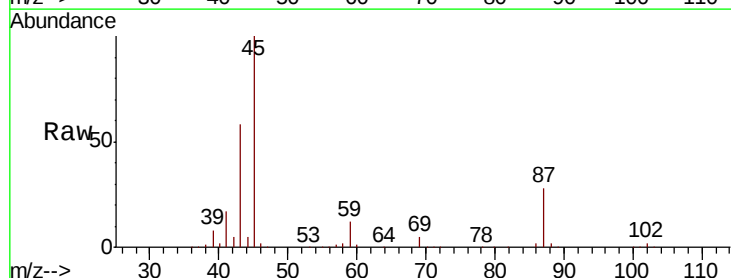
Ion Ratio Lower Upper

45 100

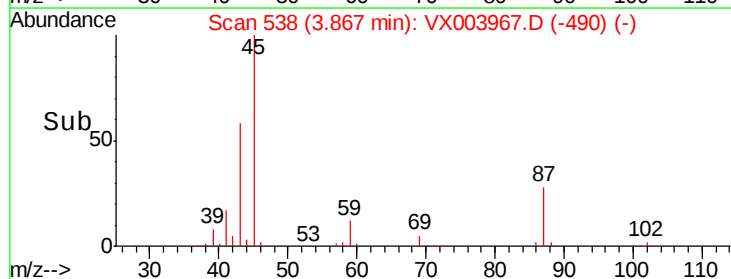
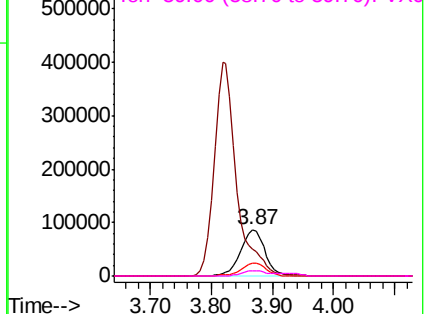
43 57.9 45.3 67.9

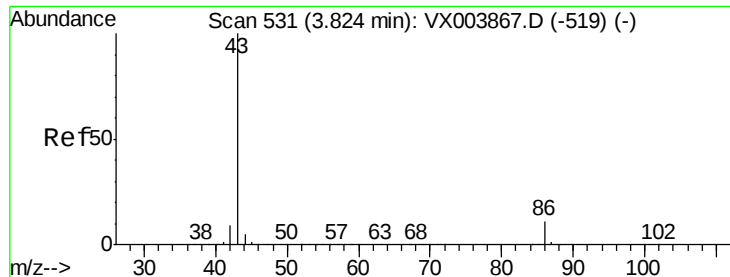
87 28.2 22.7 34.1

59 12.2 9.6 14.4



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





#23

Vinyl Acetate

Concen: 96.52 ug/l

RT: 3.82 min Scan# 530

Delta R.T. -0.01 min

Lab File: VX003967.D

Acq: 10 Aug 2018 10:58

Instrument :

MSVOA_X

ClientSampleId :

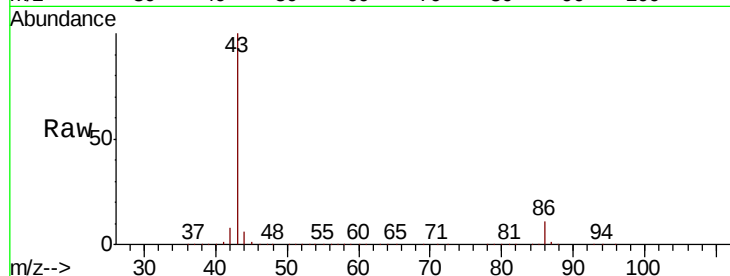
VX0810WBS01

Tot Ion: 43 Resp: 1032652

Ion Ratio Lower Upper

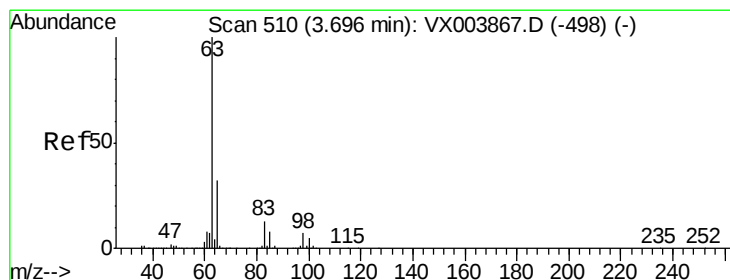
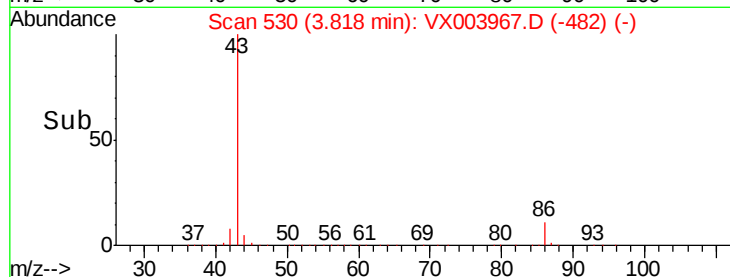
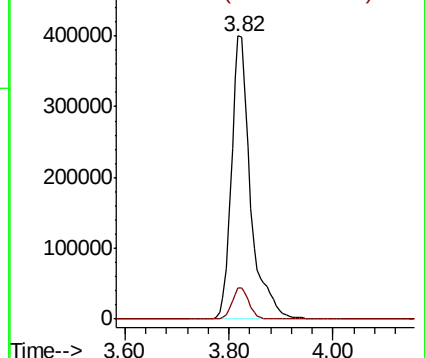
43 100

86 11.1 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.77 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003967.D

Acq: 10 Aug 2018 10:58

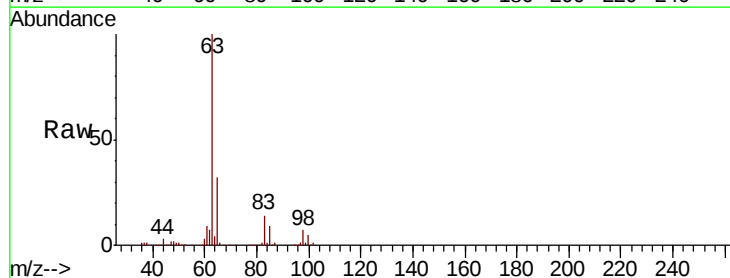
Tgt Ion: 63 Resp: 143379

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

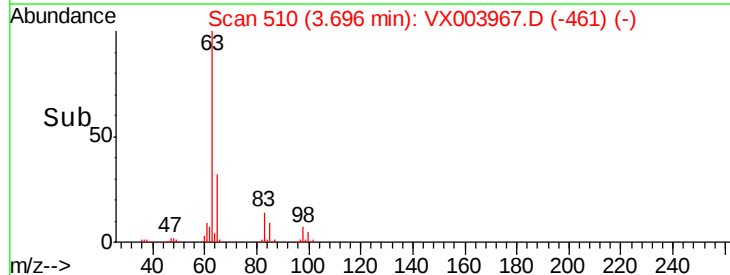
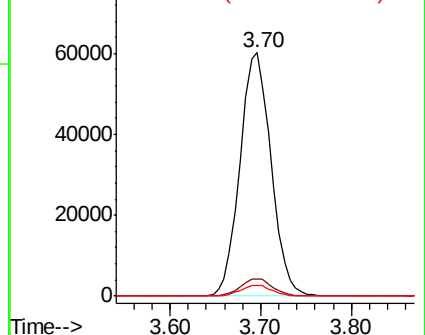
100 4.6 2.3 6.8

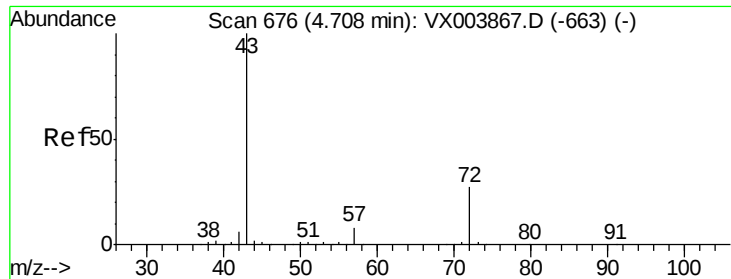


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 90.00 ug/l

RT: 4.70 min Scan# 674

Delta R.T. -0.01 min

Lab File: VX003967.D

Acq: 10 Aug 2018 10:58

Instrument :

MSVOA_X

ClientSampled :

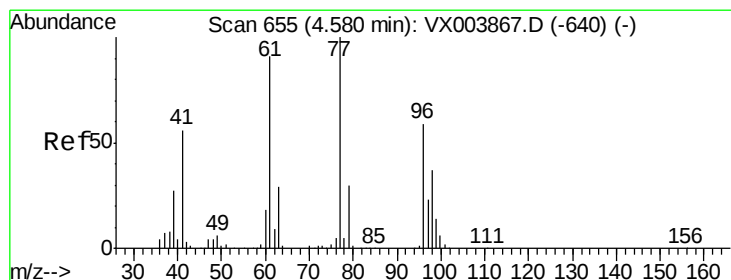
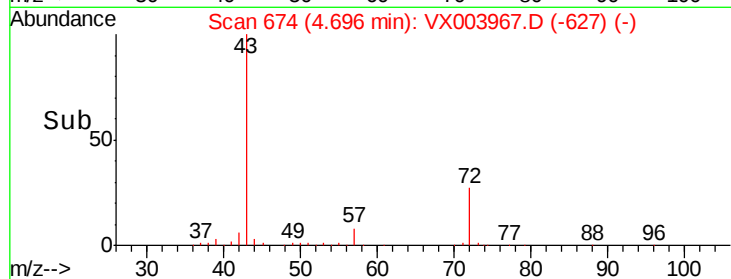
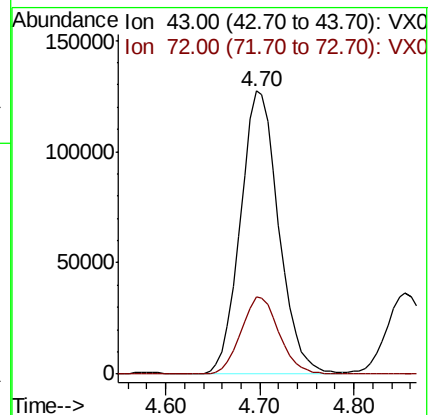
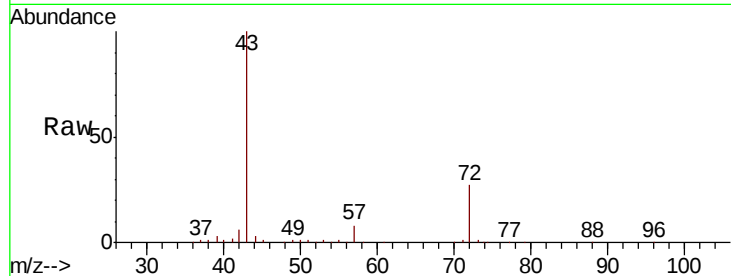
VX0810WBS01

Tot Ion: 43 Resp: 360790

Ion Ratio Lower Upper

43 100

72 27.2 21.4 32.0



#26

2,2-Dichloropropane

Concen: 20.27 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.00 min

Lab File: VX003967.D

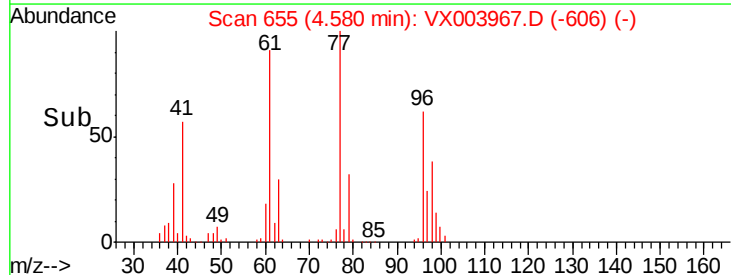
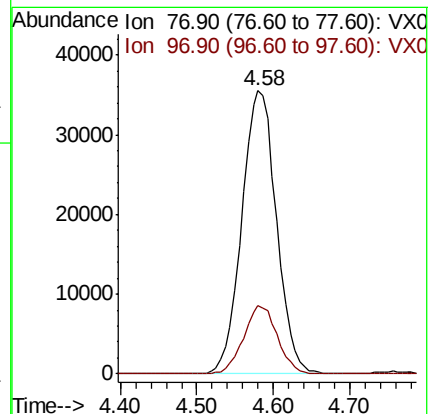
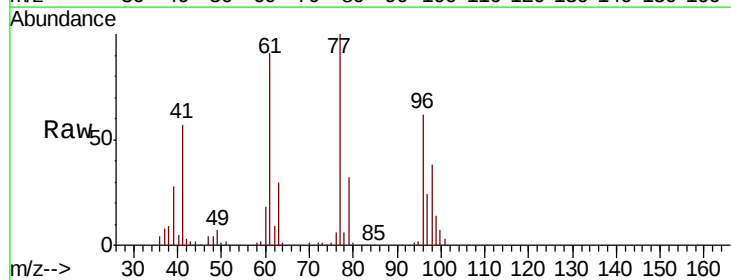
Acq: 10 Aug 2018 10:58

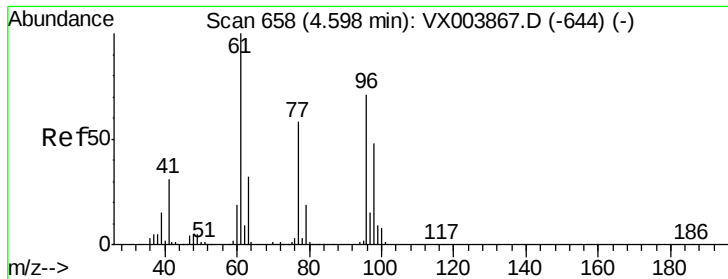
Tgt Ion: 77 Resp: 111628

Ion Ratio Lower Upper

77 100

97 23.6 11.9 35.9



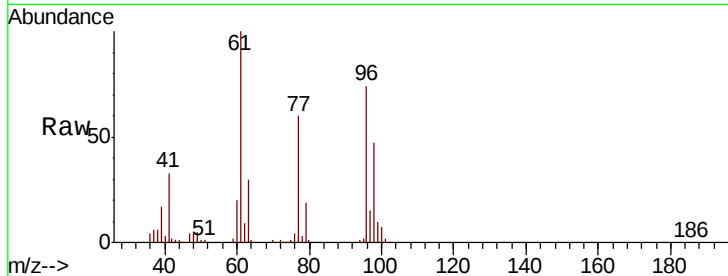


#27

cis-1,2-Dichloroethene
 Concen: 19.25 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: VX003967.D
 Acq: 10 Aug 2018 10:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0810WBS01

Tot Ion	96	Resp	86027
Ion	Ratio	Lower	Upper
96	100		
61	143.7	0.0	293.0
98	65.5	0.0	131.8

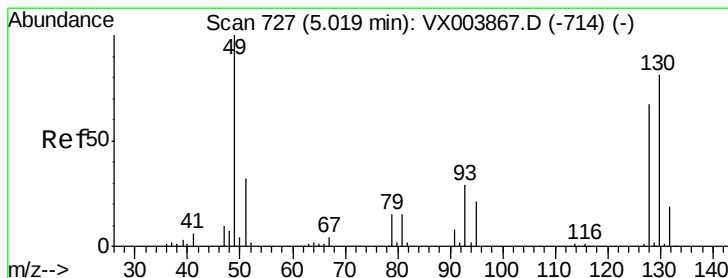
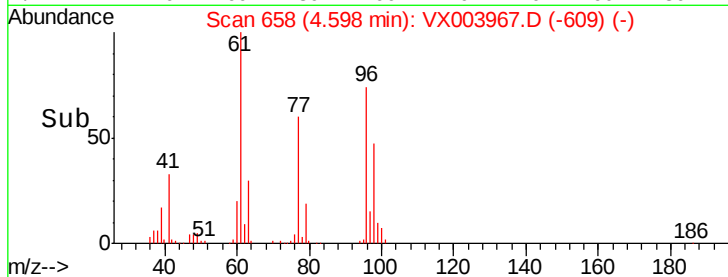
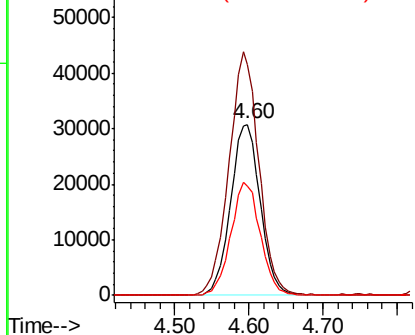


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

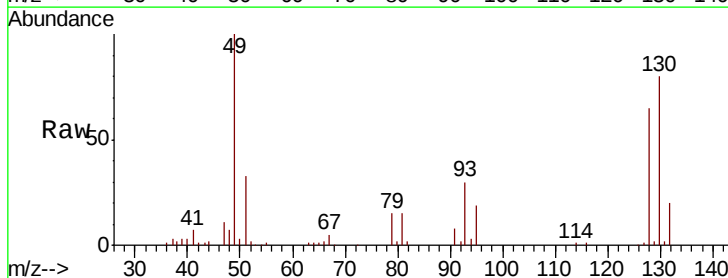
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
 Concen: 18.99 ug/l
 RT: 5.01 min Scan# 726
 Delta R.T. -0.01 min
 Lab File: VX003967.D
 Acq: 10 Aug 2018 10:58

Tgt Ion	49	Resp	62083
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	83.3	66.5	99.7

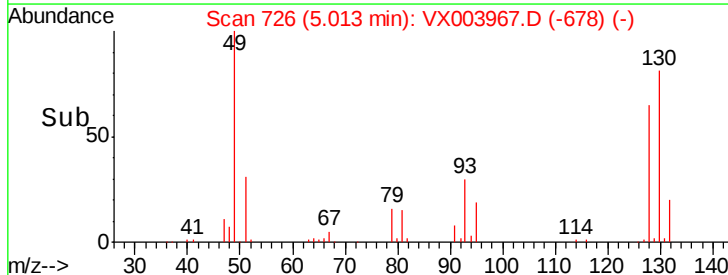
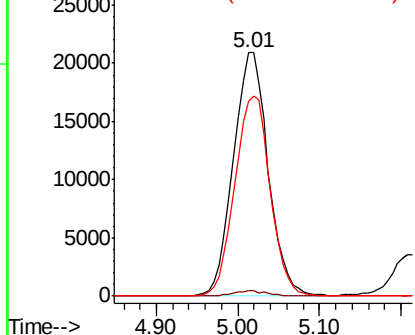


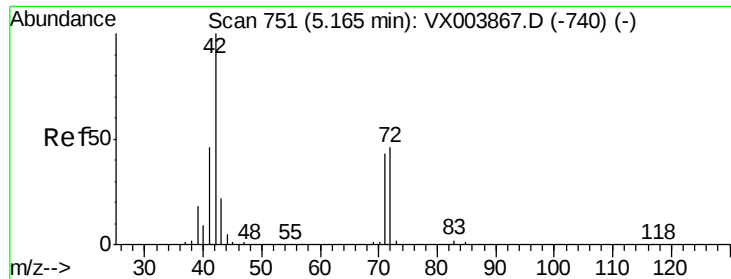
Abundance

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: 86.69 ug/l

RT: 5.15 min Scan# 749

Delta R.T. -0.01 min

Lab File: VX003967.D

Acq: 10 Aug 2018 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0810WBS01

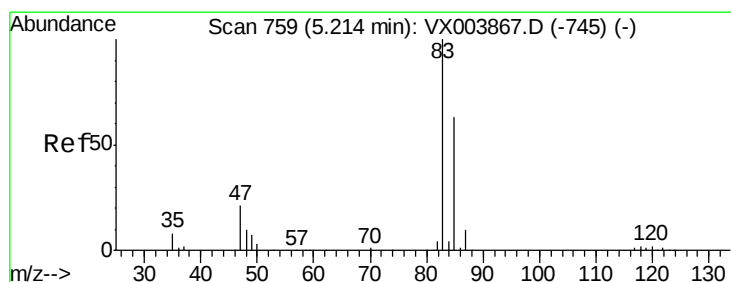
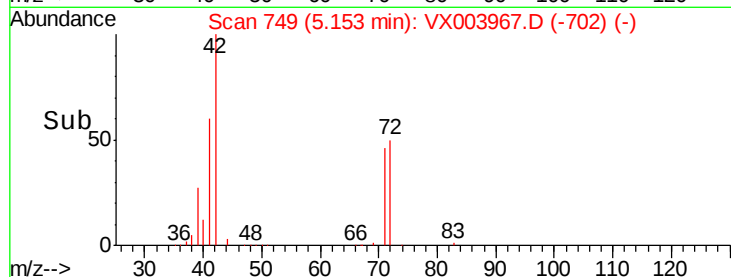
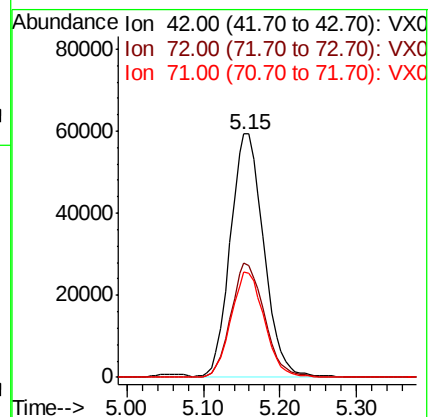
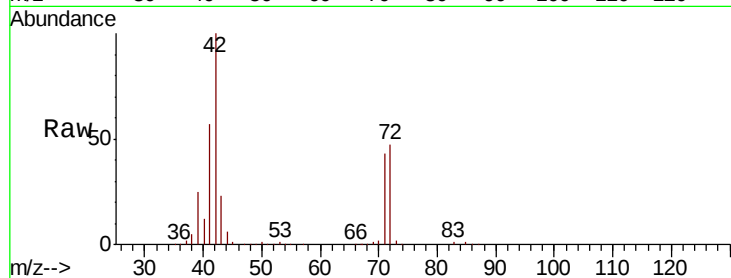
Tot Ion: 42 Resp: 178604

Ion Ratio Lower Upper

42 100

72 47.1 37.7 56.5

71 43.5 35.0 52.6



#30

Chloroform

Concen: 19.56 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX003967.D

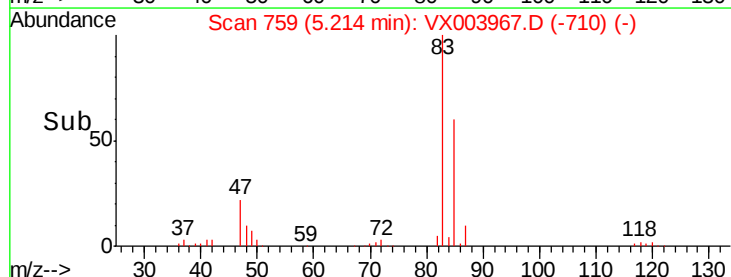
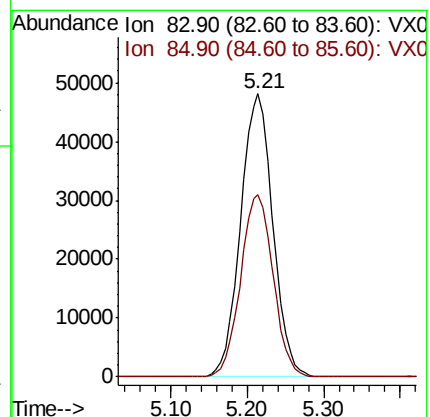
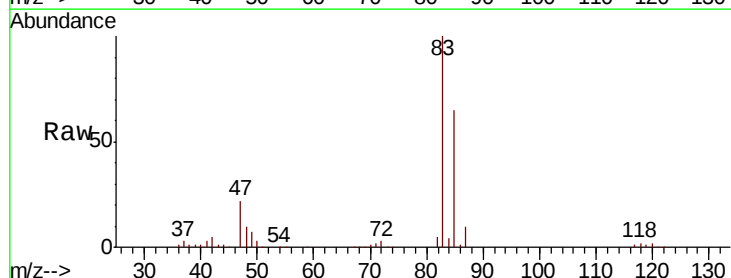
Acq: 10 Aug 2018 10:58

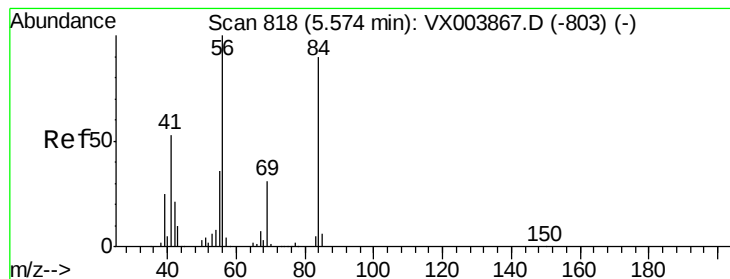
Tgt Ion: 83 Resp: 140662

Ion Ratio Lower Upper

83 100

85 64.5 50.7 76.1





#31

Cyclohexane

Concen: 18.65 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX003967.D

Acq: 10 Aug 2018 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0810WBS01

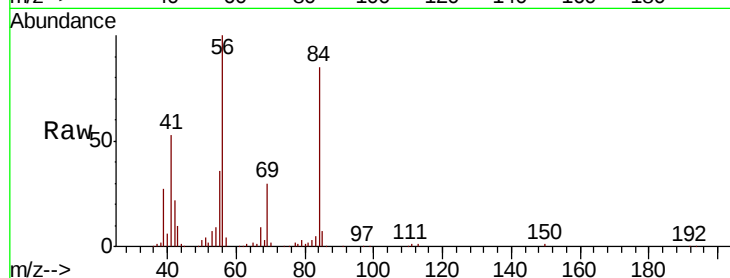
Tot Ion: 56 Resp: 120452

Ion Ratio Lower Upper

56 100

69 29.5 24.9 37.3

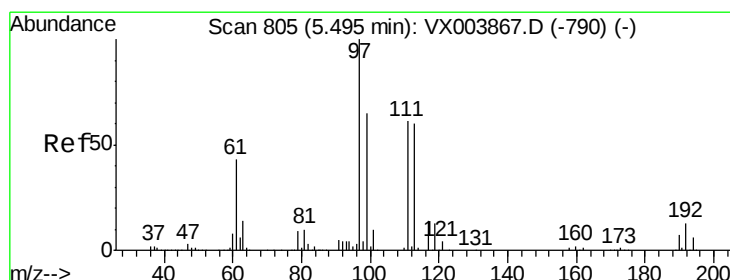
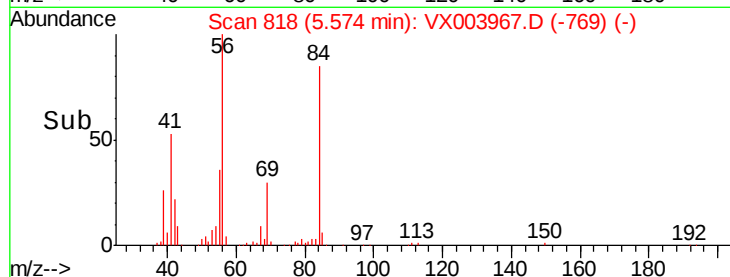
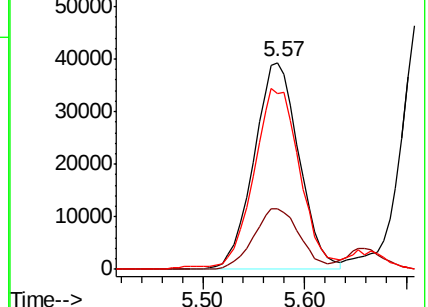
84 83.8 71.7 107.5



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: 19.47 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX003967.D

Acq: 10 Aug 2018 10:58

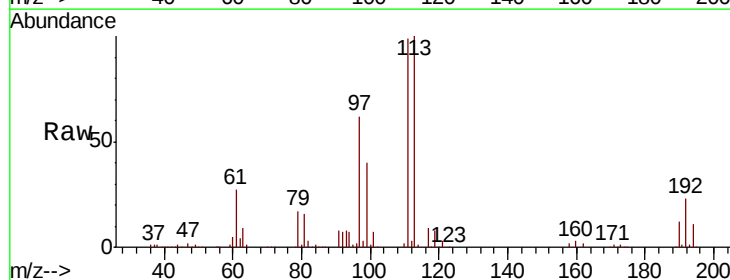
Tgt Ion: 97 Resp: 117387

Ion Ratio Lower Upper

97 100

99 64.6 51.8 77.8

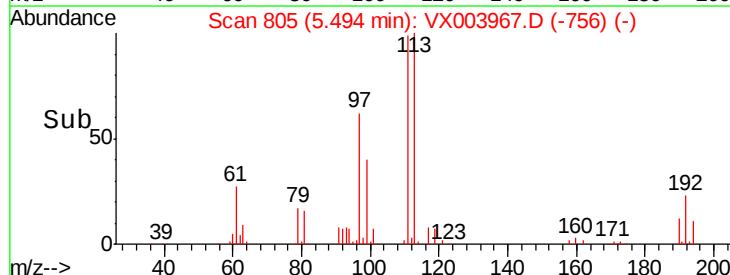
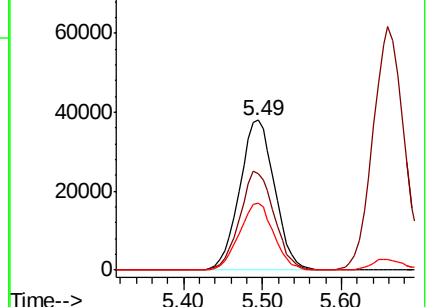
61 44.3 34.4 51.6

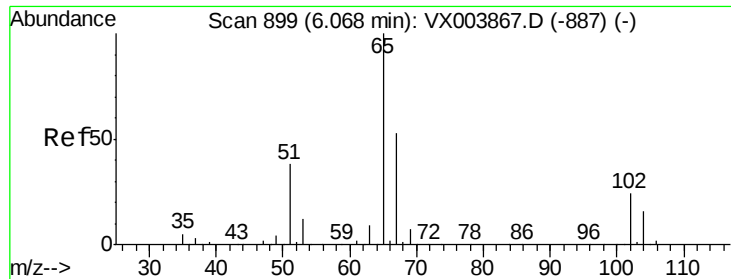


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.12 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX003967.D

Acq: 10 Aug 2018 10:58

Instrument :

MSVOA_X

ClientSampleId :

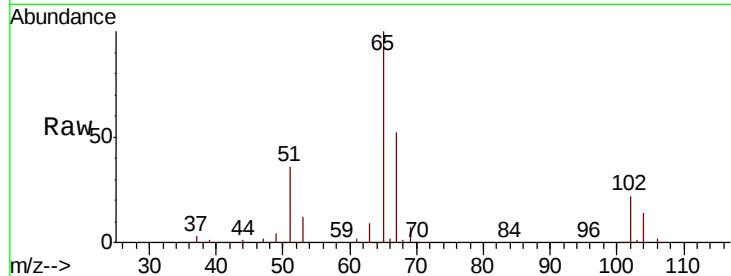
VX0810WBS01

Tot Ion: 65 Resp: 220109

Ion Ratio Lower Upper

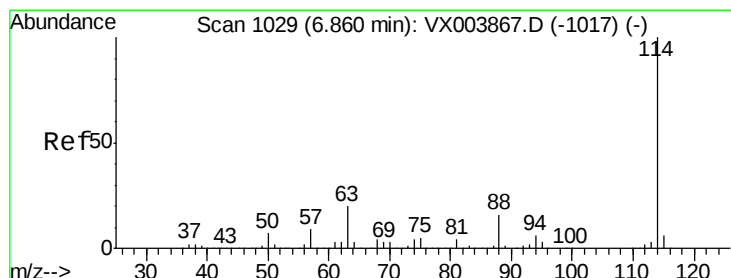
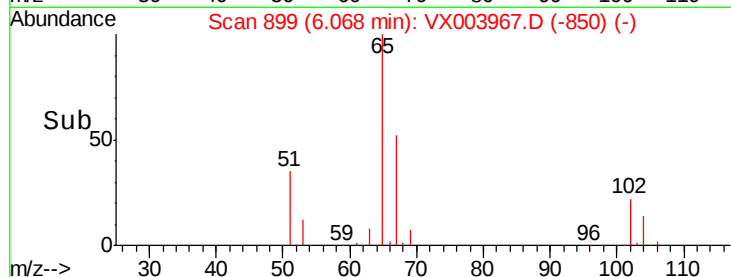
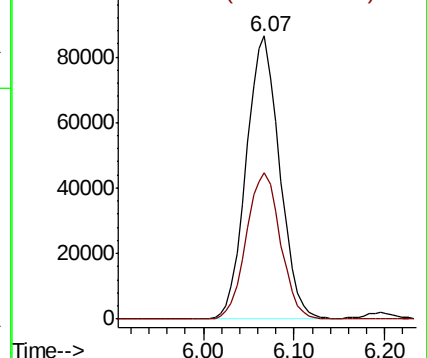
65 100

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: VX003967.D

Acq: 10 Aug 2018 10:58

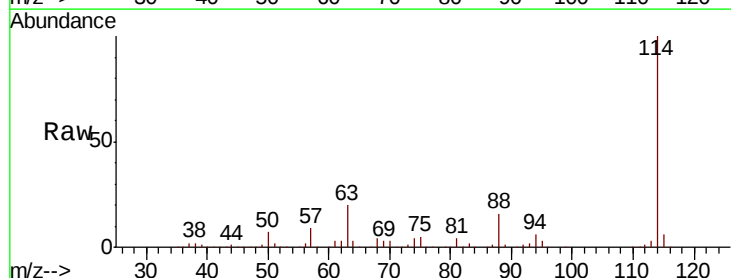
Tgt Ion: 114 Resp: 480062

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.0

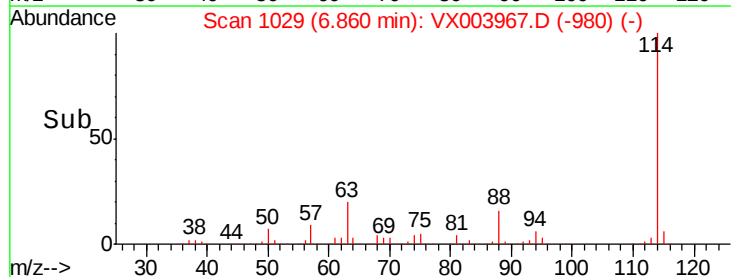
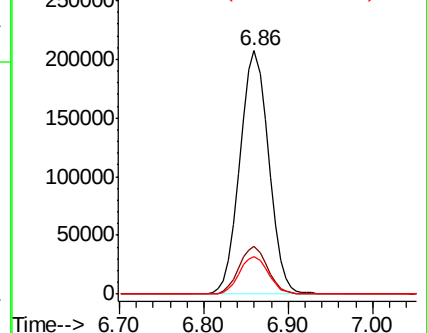
88 15.5 0.0 32.0

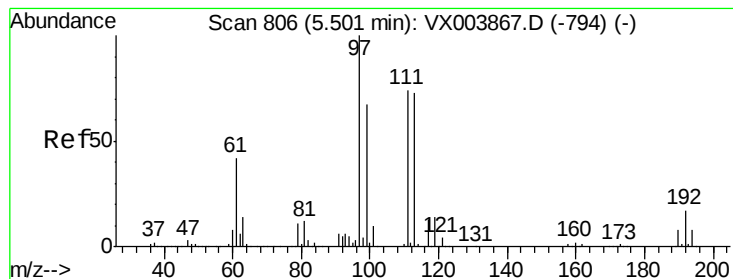


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.47 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX003967.D

Acq: 10 Aug 2018 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0810WBS01

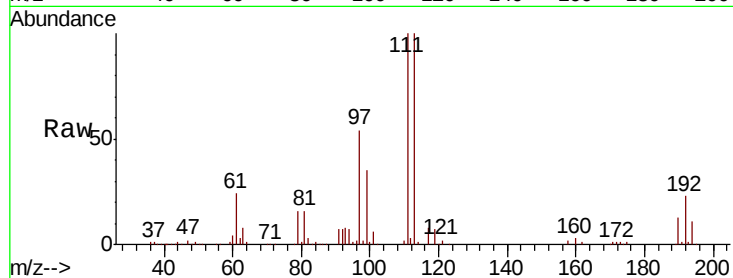
Tot Ion:113 Resp: 183566

Ion Ratio Lower Upper

113 100

111 101.9 82.0 123.0

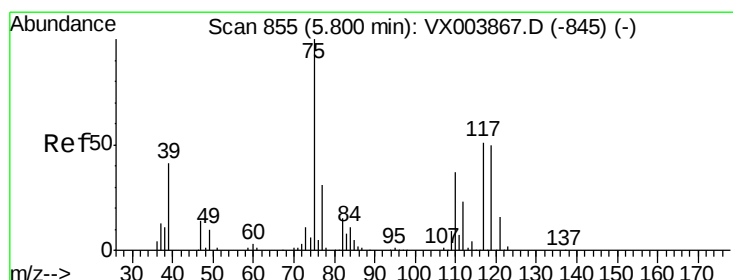
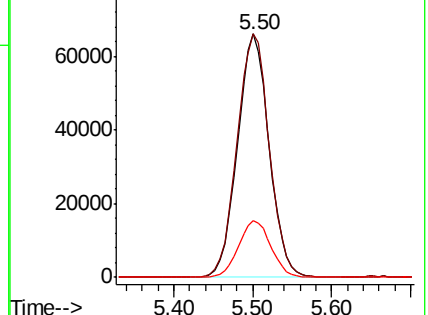
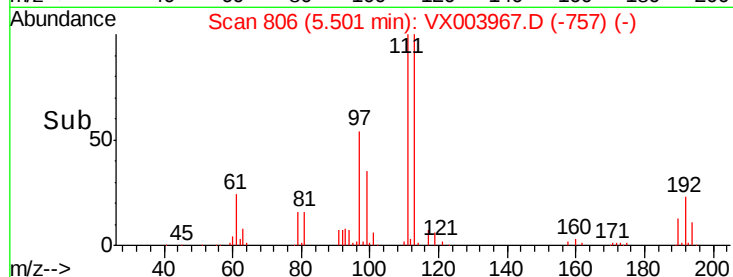
192 23.7 19.0 28.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.53 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX003967.D

Acq: 10 Aug 2018 10:58

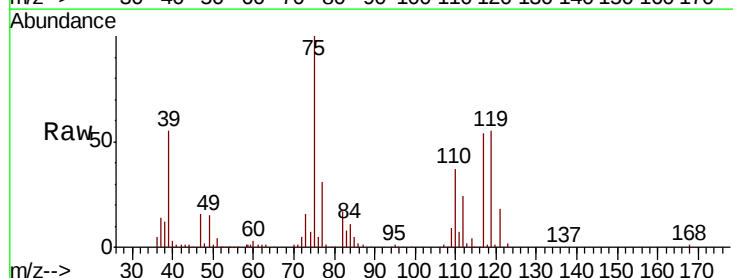
Tgt Ion: 75 Resp: 105033

Ion Ratio Lower Upper

75 100

110 36.7 18.2 54.6

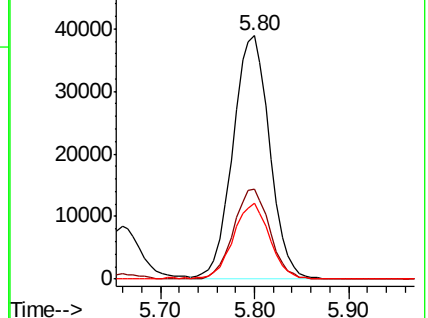
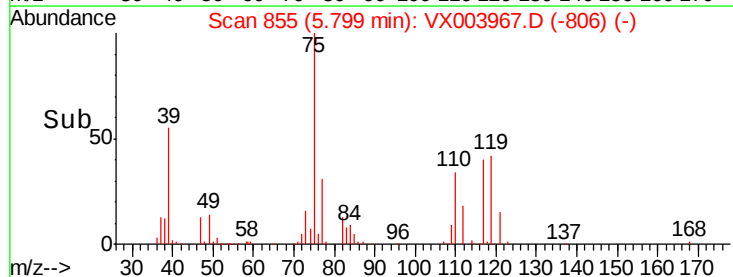
77 31.2 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

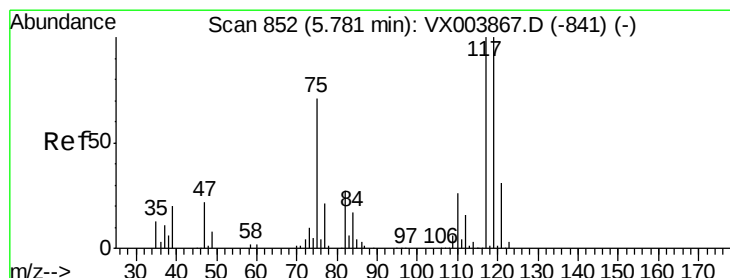
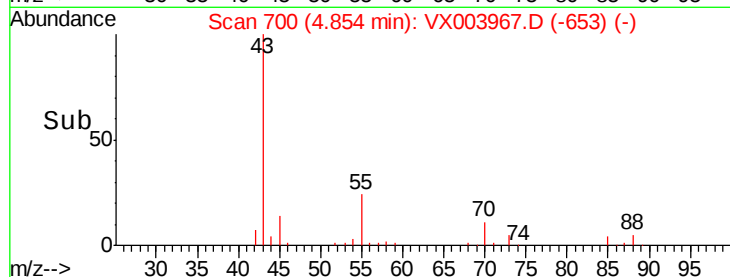
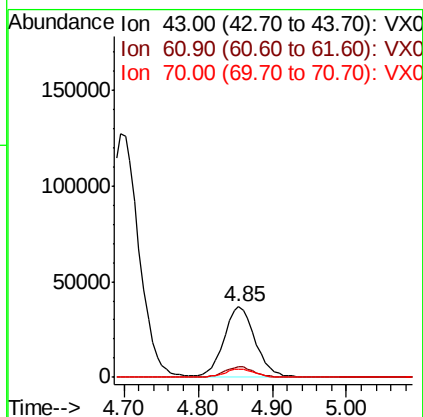
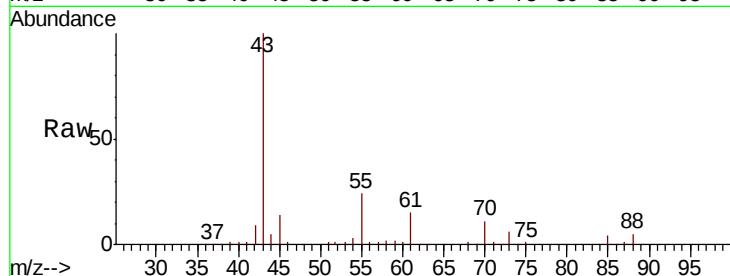




#37
Ethyl Acetate
Concen: 18.21 ug/l
RT: 4.85 min Scan# 700
Delta R.T. -0.01 min
Lab File: VX003967.D
Acq: 10 Aug 2018 10:58

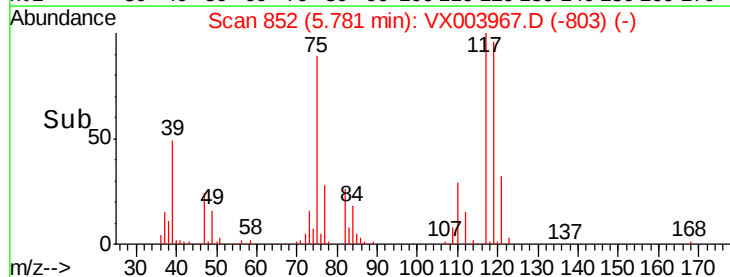
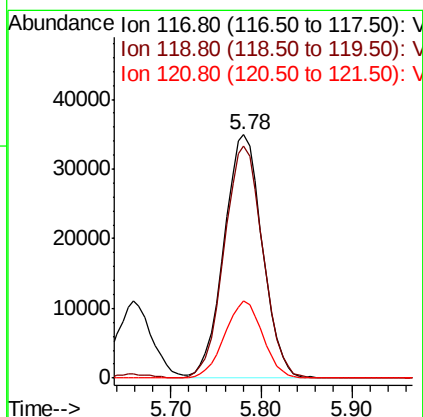
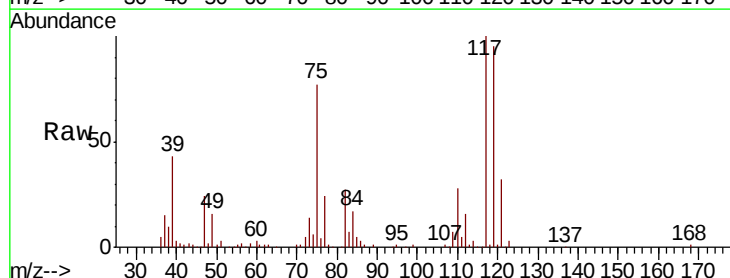
Instrument :
MSVOA_X
ClientSampleId :
VX0810WBS01

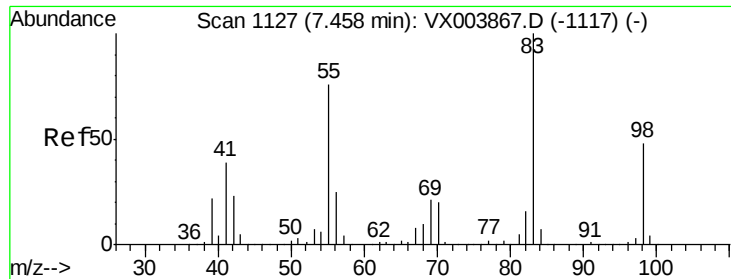
Tot Ion: 43 Resp: 107687
Ion Ratio Lower Upper
43 100
61 14.1 11.5 17.3
70 11.3 9.0 13.4



#38
Carbon Tetrachloride
Concen: 20.04 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.00 min
Lab File: VX003967.D
Acq: 10 Aug 2018 10:58

Tgt Ion: 117 Resp: 102577
Ion Ratio Lower Upper
117 100
119 95.3 79.5 119.3
121 31.8 25.0 37.4

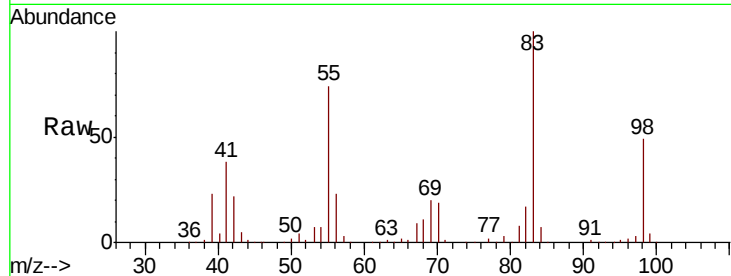




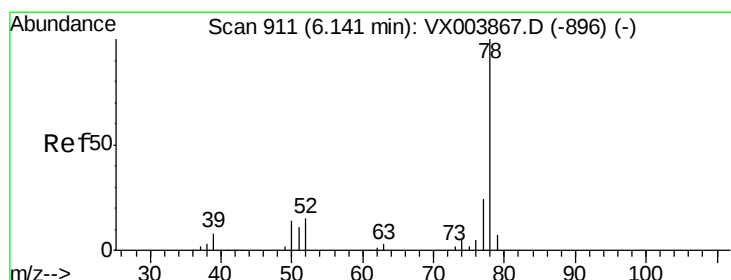
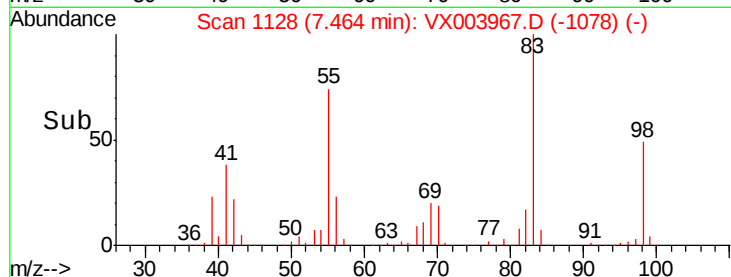
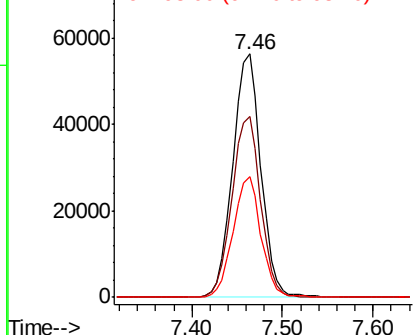
#39
Methvlcvclohexane
Concen: 19.16 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX003967.D
Acq: 10 Aug 2018 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX0810WBS01

Tot Ion: 83 Resp: 121440
Ion Ratio Lower Upper
83 100
55 74.1 61.0 91.6
98 49.4 38.6 57.8

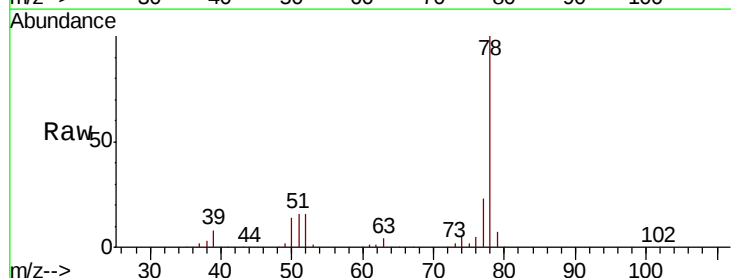


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

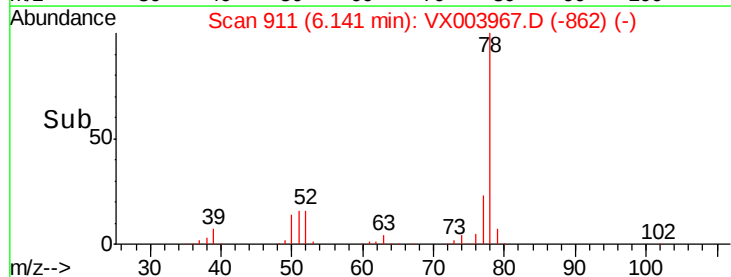
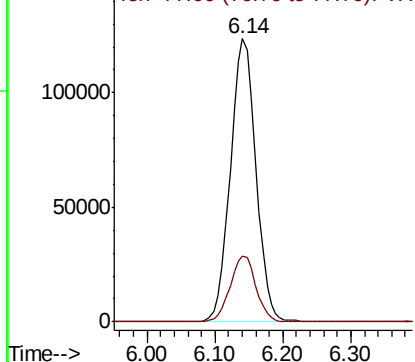


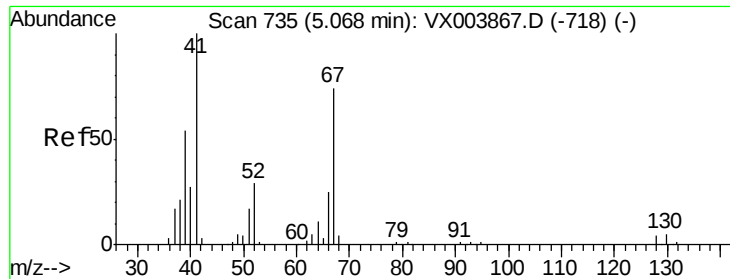
#40
Benzene
Concen: 19.96 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.00 min
Lab File: VX003967.D
Acq: 10 Aug 2018 10:58

Tgt Ion: 78 Resp: 322322
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4



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

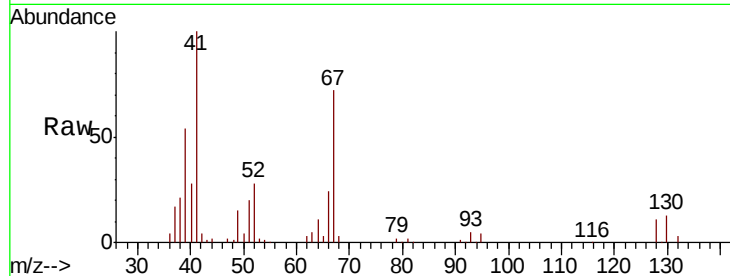




#41
Methacrylonitrile
Concen: 18.97 ug/l
RT: 5.06 min Scan# 733
Delta R.T. -0.01 min
Lab File: VX003967.D
Acq: 10 Aug 2018 10:58

Instrument :
MSVOA_X
ClientSampled :
VX0810WBS01

Tot Ion:	41	Resp:	61795
Ion	Ratio	Lower	Upper
41	100		
39	52.8	42.7	64.1
67	72.2	58.9	88.3
52	29.4	22.6	33.8



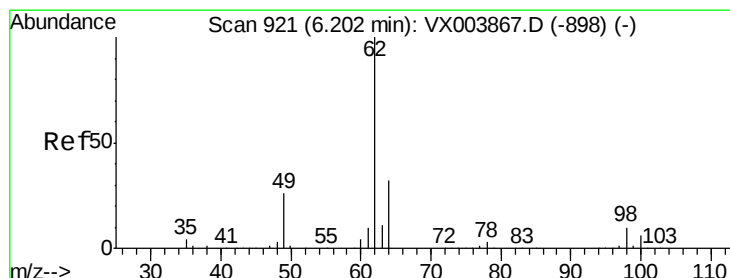
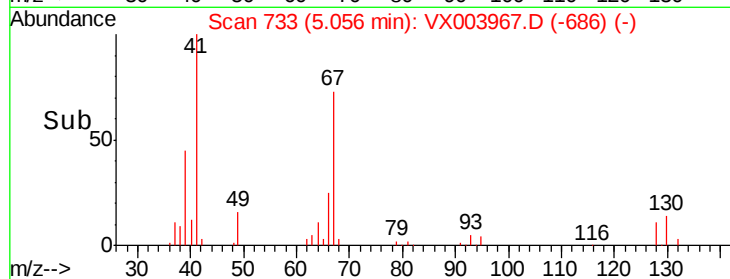
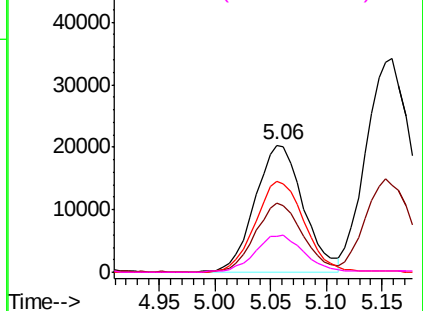
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

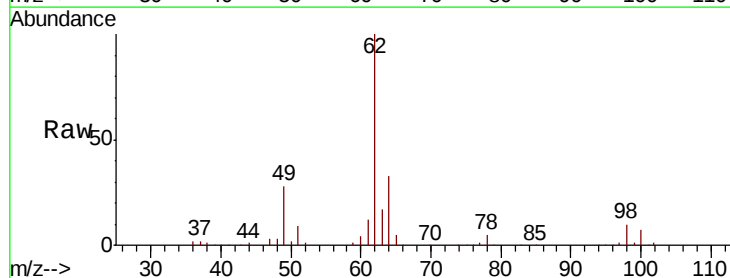
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 20.25 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: VX003967.D
Acq: 10 Aug 2018 10:58

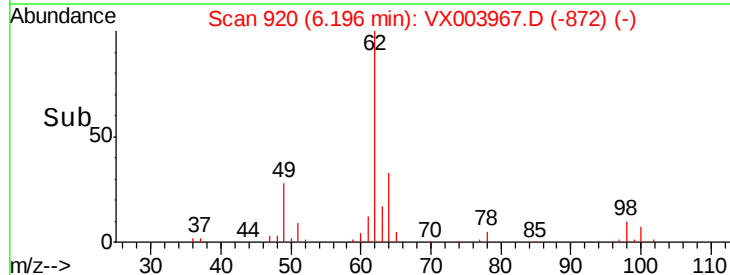
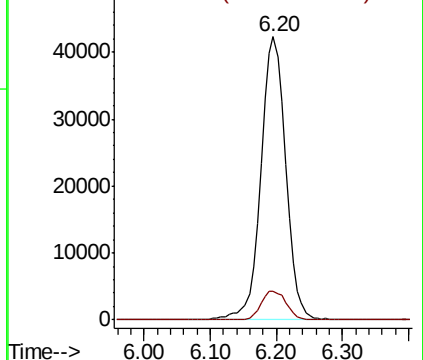
Tgt Ion:	62	Resp:	110561
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.4

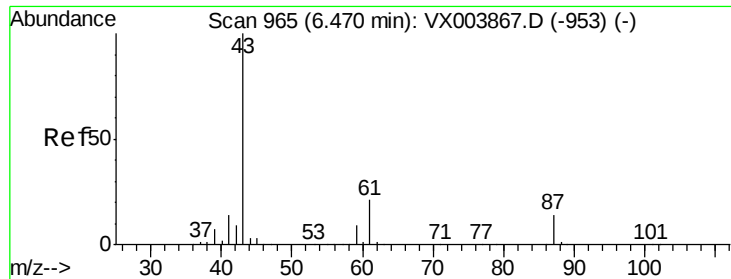


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



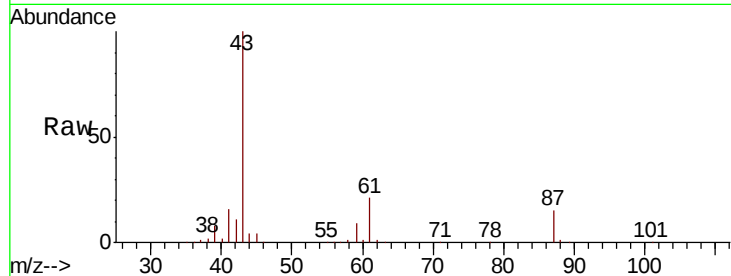


#43

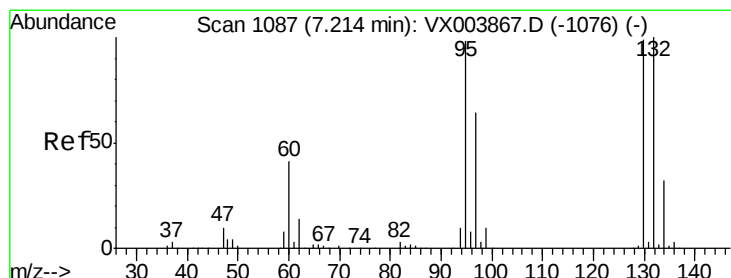
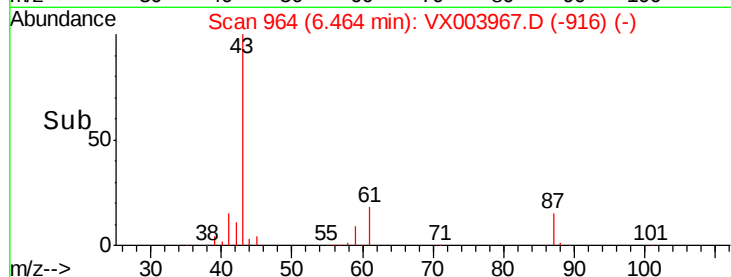
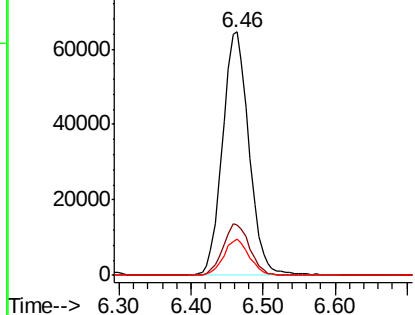
Isopropyl Acetate
 Concen: 18.52 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX003967.D
 Acq: 10 Aug 2018 10:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0810WBS01

Tot Ion: 43 Resp: 164871
 Ion Ratio Lower Upper
 43 100
 61 21.2 16.9 25.3
 87 14.2 11.3 16.9



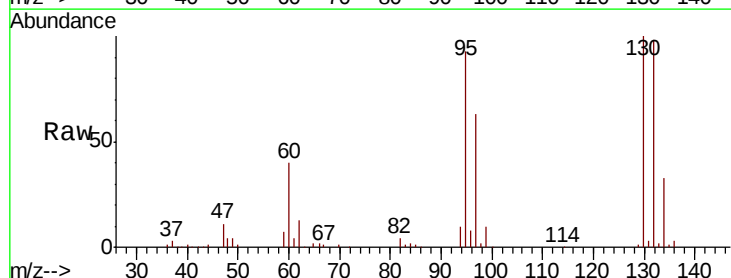
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



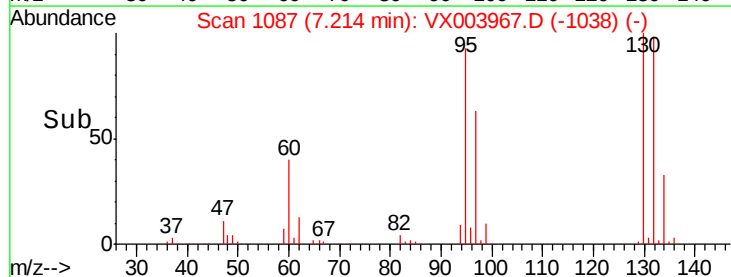
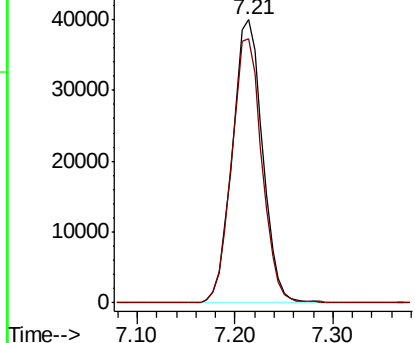
#44

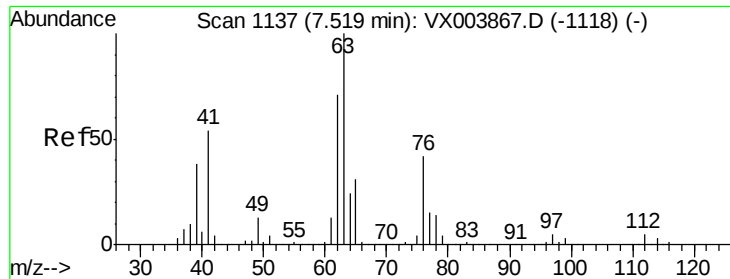
Trichloroethene
 Concen: 19.44 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX003967.D
 Acq: 10 Aug 2018 10:58

Tgt Ion:130 Resp: 85842
 Ion Ratio Lower Upper
 130 100
 95 93.4 0.0 199.4



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

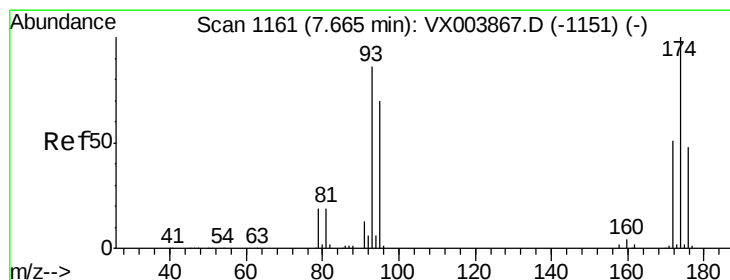
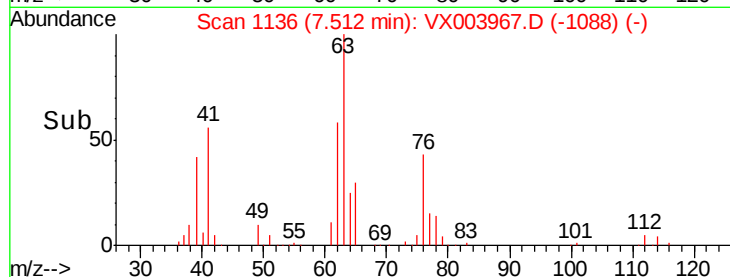
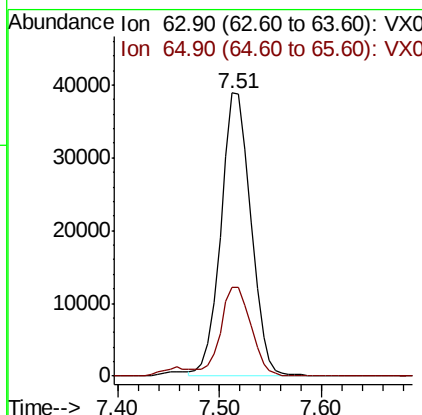
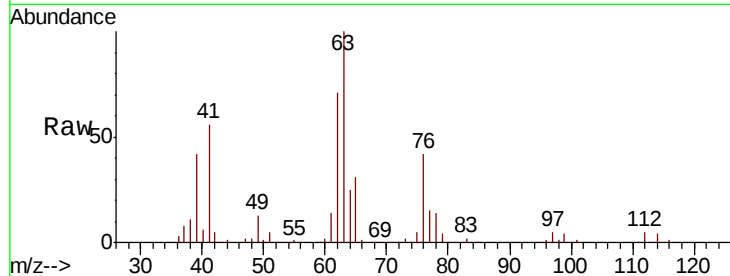




#45
 1,2-Dichloropropane
 Concen: 19.14 ug/l
 RT: 7.51 min Scan# 1136
 Delta R.T. -0.01 min
 Lab File: VX003967.D
 Acq: 10 Aug 2018 10:58

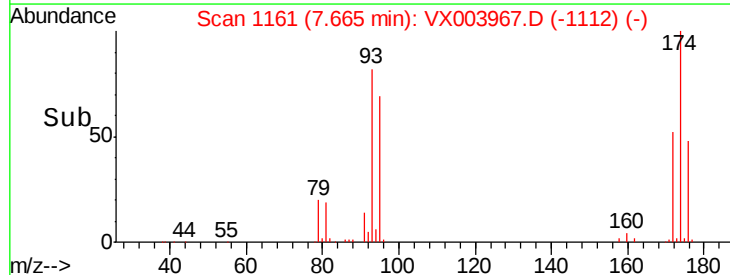
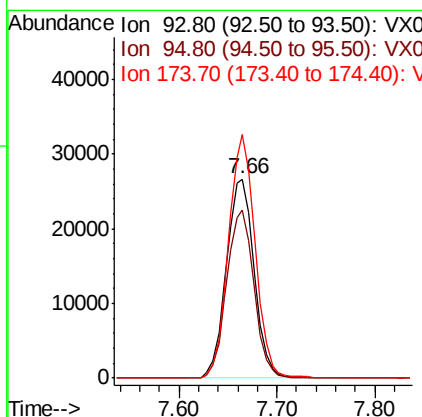
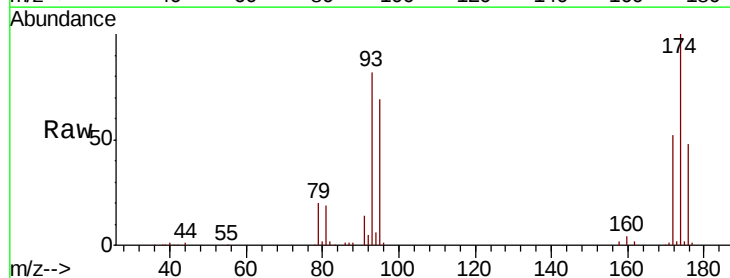
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0810WBS01

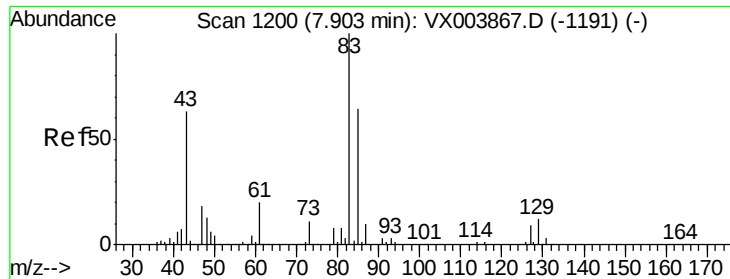
Tot Ion: 63 Resp: 79778
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.6 36.8



#46
 Dibromomethane
 Concen: 19.39 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003967.D
 Acq: 10 Aug 2018 10:58

Tgt Ion: 93 Resp: 52477
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.4 99.6
 174 117.1 94.3 141.5





#47

Bromodichloromethane

Concen: 19.91 ug/l

RT: 7.90 min Scan# 1199

Delta R.T. -0.01 min

Lab File: VX003967.D

Acq: 10 Aug 2018 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX0810WBS01

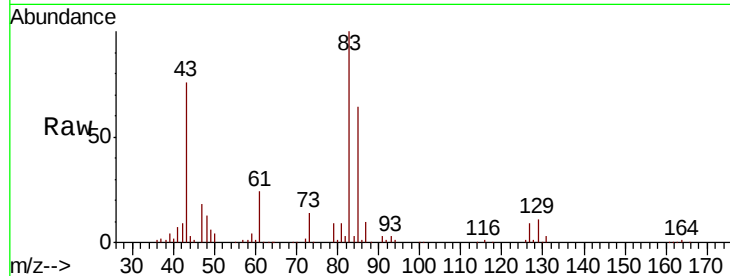
Tot Ion: 83 Resp: 101500

Ion Ratio Lower Upper

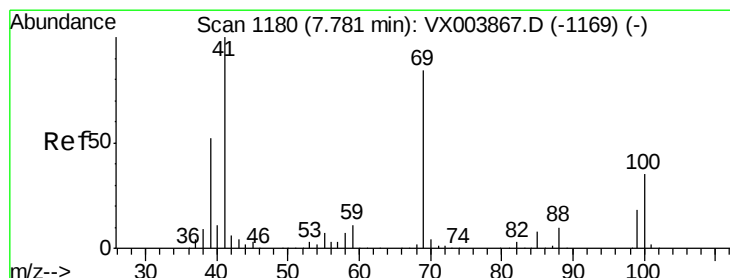
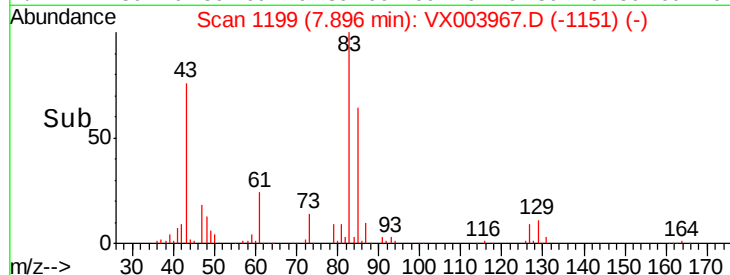
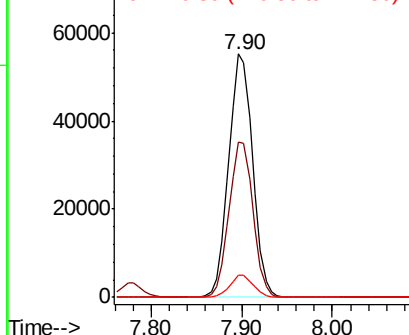
83 100

85 63.6 51.2 76.8

127 9.2 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.55 ug/l

RT: 7.77 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VX003967.D

Acq: 10 Aug 2018 10:58

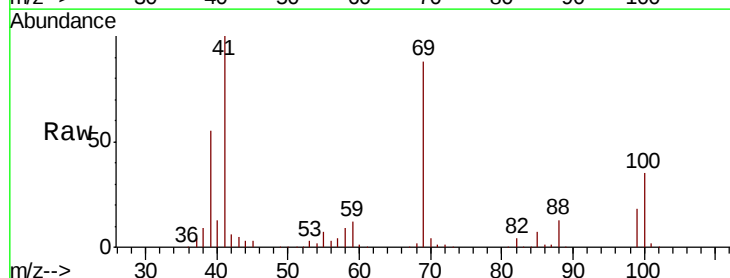
Tgt Ion: 41 Resp: 83931

Ion Ratio Lower Upper

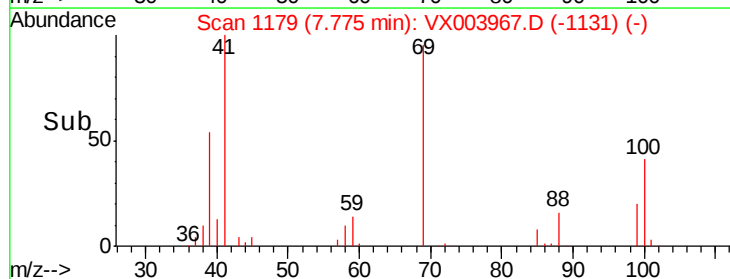
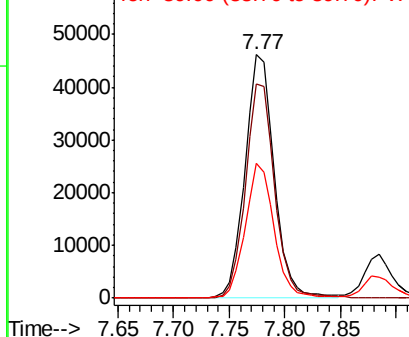
41 100

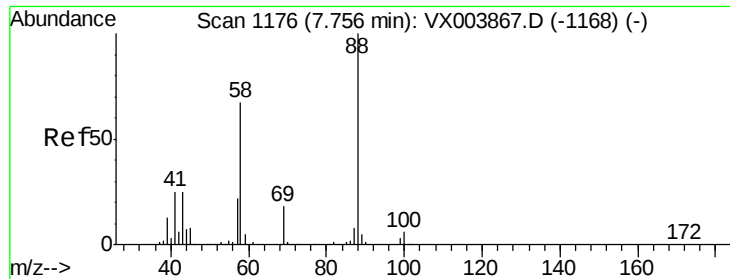
69 88.4 68.8 103.2

39 54.3 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

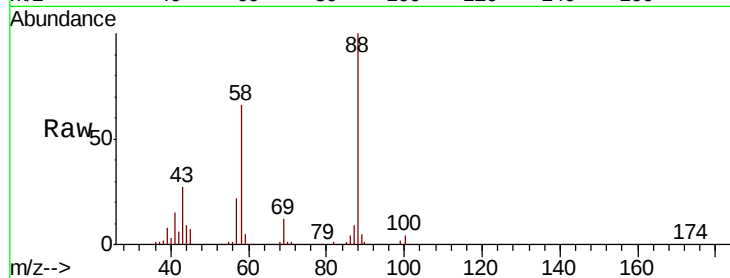




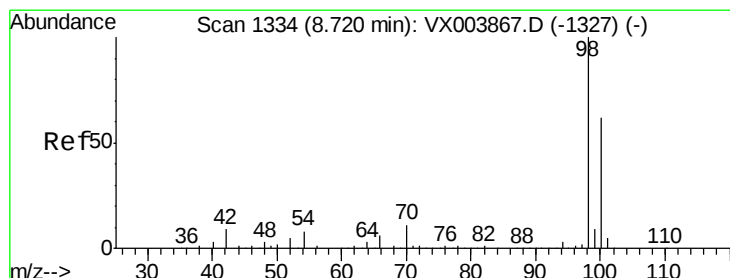
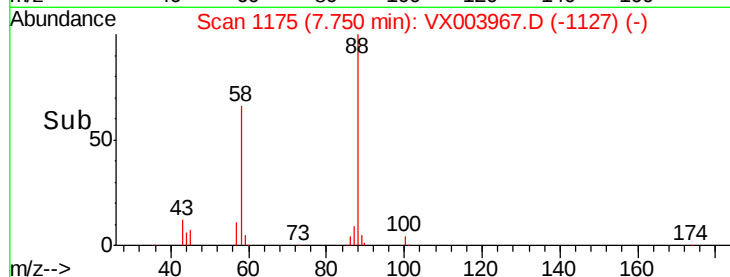
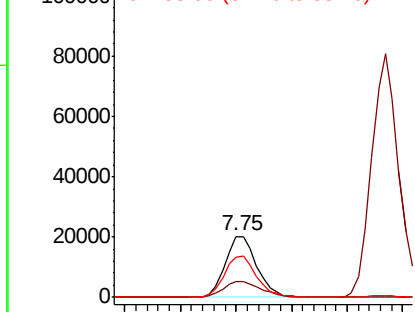
#49
 1,4-Dioxane
 Concen: 374.39 ug/l
 RT: 7.75 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: VX003967.D
 Acq: 10 Aug 2018 10:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0810WBS01

Tot Ion: 88 Resp: 39903
 Ion Ratio Lower Upper
 88 100
 43 31.4 23.8 35.8
 58 68.9 55.4 83.0

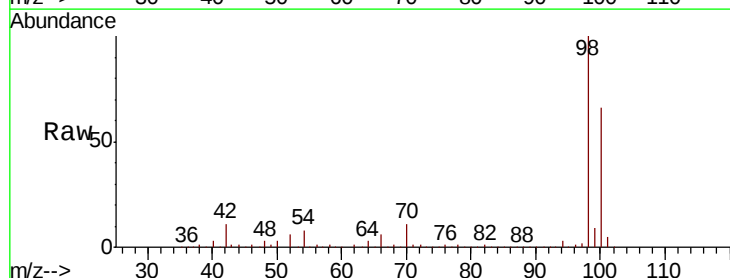


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

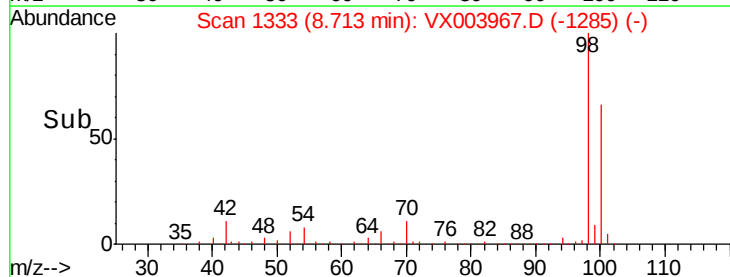
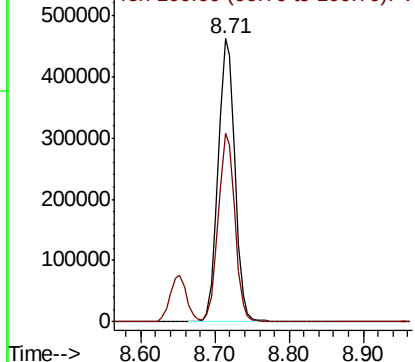


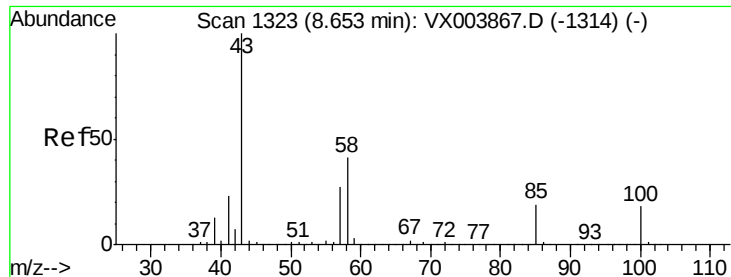
#50
 Toluene-d8
 Concen: 50.51 ug/l
 RT: 8.71 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: VX003967.D
 Acq: 10 Aug 2018 10:58

Tgt Ion: 98 Resp: 714416
 Ion Ratio Lower Upper
 98 100
 100 66.4 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: 93.98 ug/l

RT: 8.65 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VX003967.D

Acq: 10 Aug 2018 10:58

Instrument :

MSVOA_X

ClientSampleId :

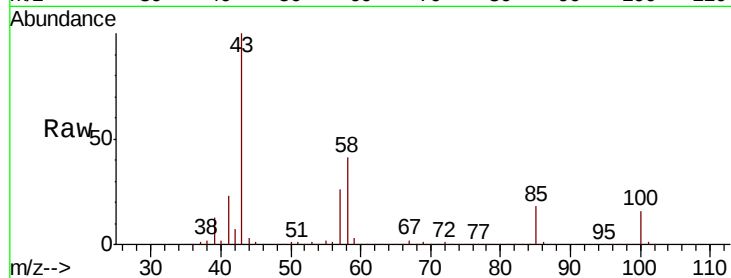
VX0810WBS01

Tot Ion: 43 Resp: 693335

Ion Ratio Lower Upper

43 100

58 41.4 33.0 49.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

400000

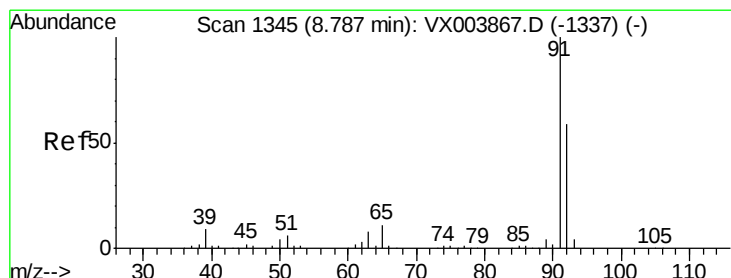
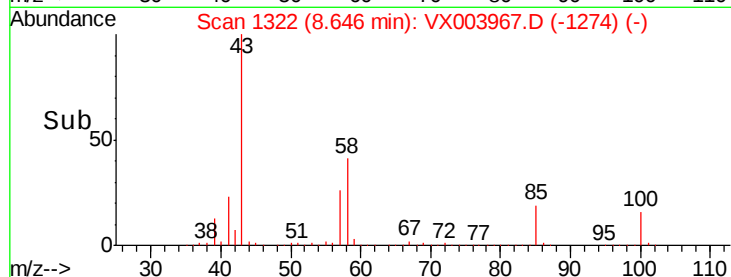
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 20.25 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003967.D

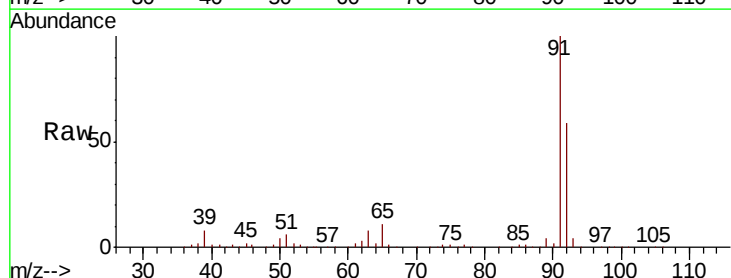
Acq: 10 Aug 2018 10:58

Tgt Ion: 92 Resp: 206579

Ion Ratio Lower Upper

92 100

91 169.3 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

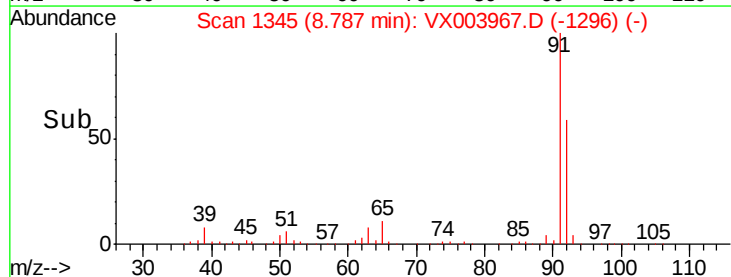
150000

100000

50000

0

Time-->

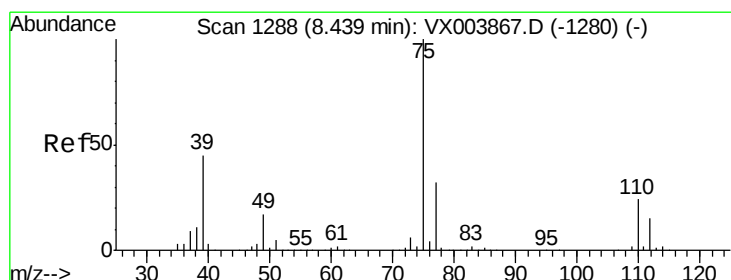
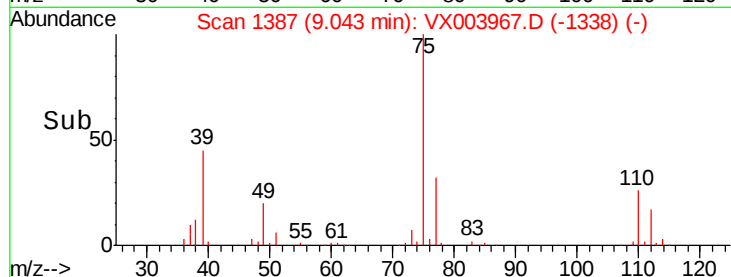
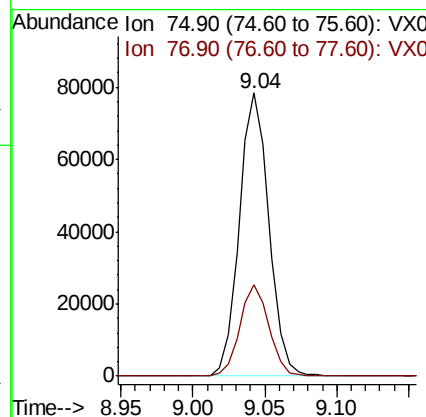
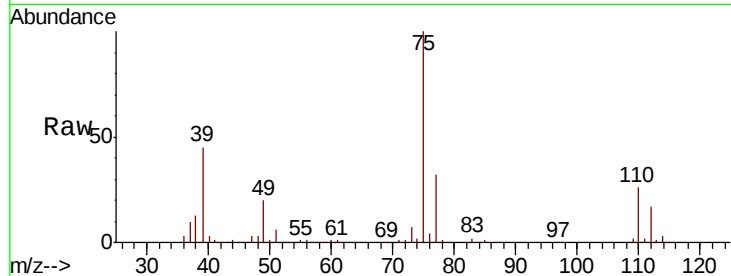




#53
 t-1,3-Dichloropropene
 Concen: 19.46 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: VX003967.D
 Acq: 10 Aug 2018 10:58

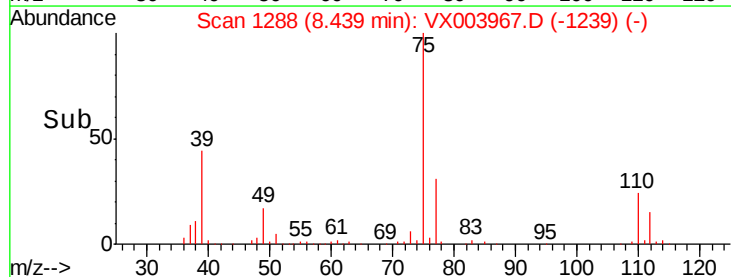
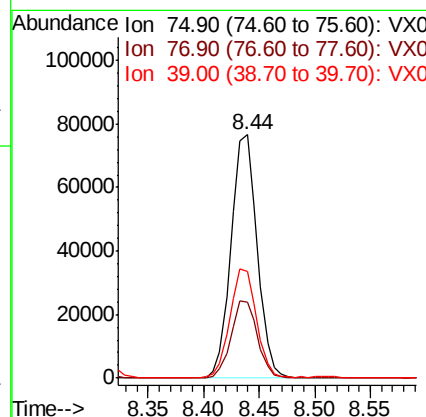
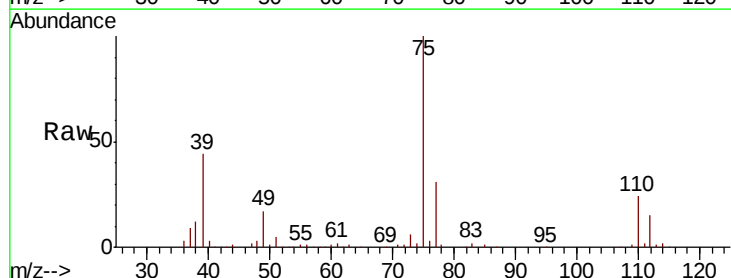
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0810WBS01

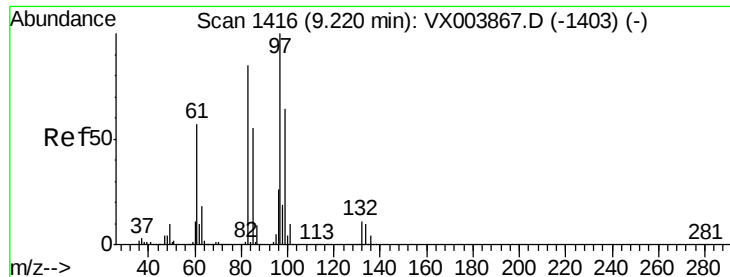
Tot Ion: 75 Resp: 112160
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 20.06 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX003967.D
 Acq: 10 Aug 2018 10:58

Tgt Ion: 75 Resp: 124647
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.3 37.9
 39 43.5 36.2 54.2

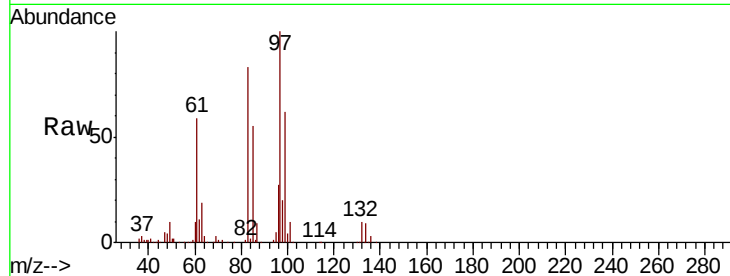




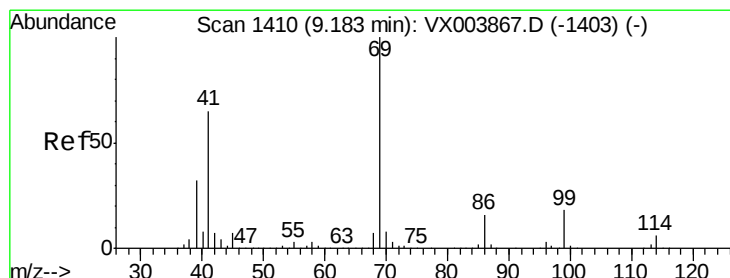
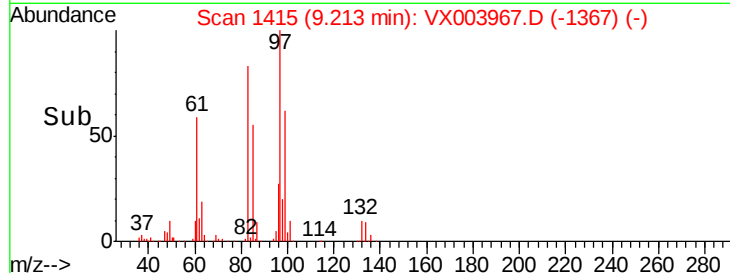
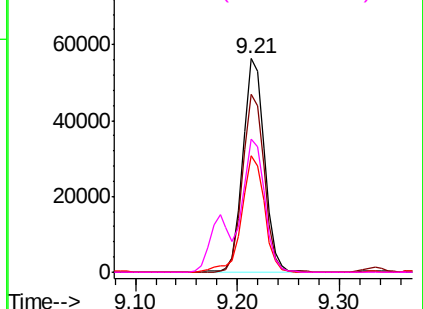
#55
 1,1,2-Trichloroethane
 Concen: 19.76 ug/l
 RT: 9.21 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: VX003967.D
 Acq: 10 Aug 2018 10:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0810WBS01

Tot Ion:	97	Resp:	82376
Ion	Ratio	Lower	Upper
97	100		
83	83.4	67.8	101.6
85	54.7	44.2	66.2
99	62.4	50.8	76.2

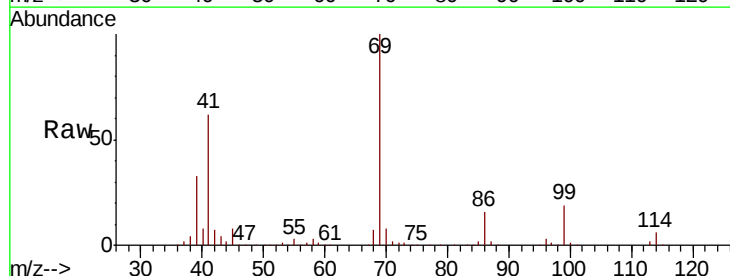


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

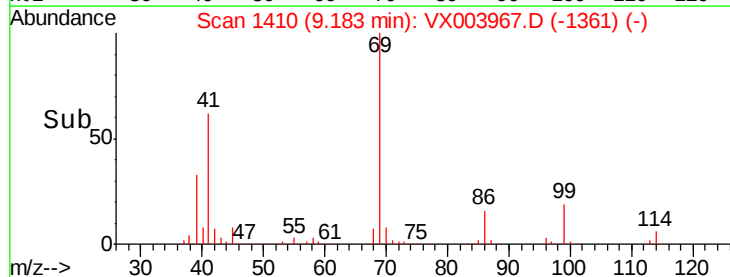
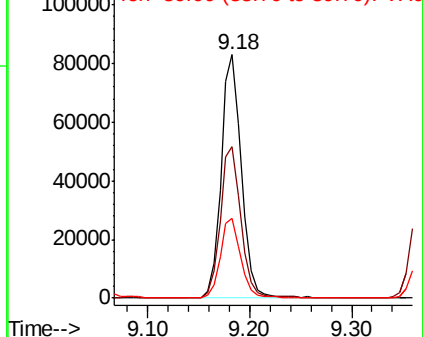


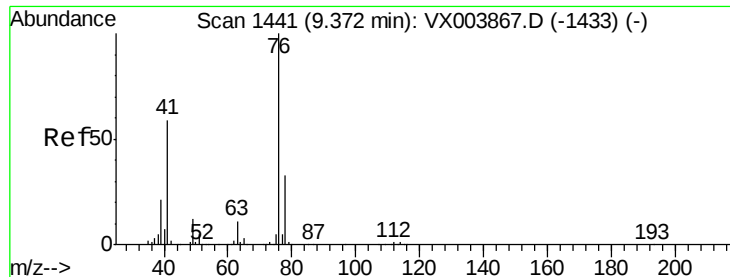
#56
 Ethyl methacrylate
 Concen: 19.00 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX003967.D
 Acq: 10 Aug 2018 10:58

Tgt Ion:	69	Resp:	114900
Ion	Ratio	Lower	Upper
69	100		
41	63.4	50.6	76.0
39	32.9	25.8	38.6



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.85 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VX003967.D

Acq: 10 Aug 2018 10:58

Instrument :

MSVOA_X

ClientSampleId :

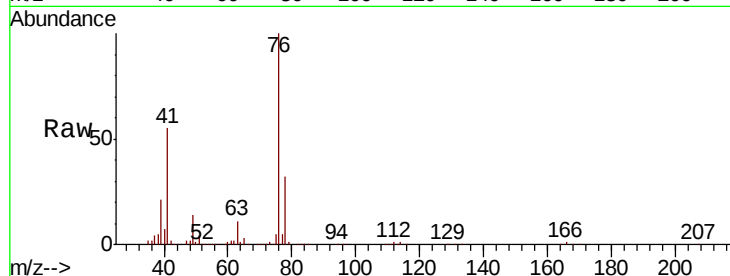
VX0810WBS01

Tot Ion: 76 Resp: 138456

Ion Ratio Lower Upper

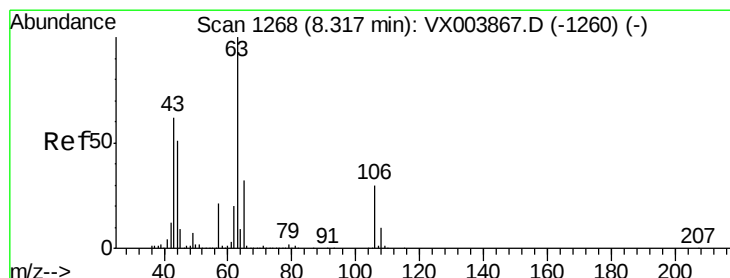
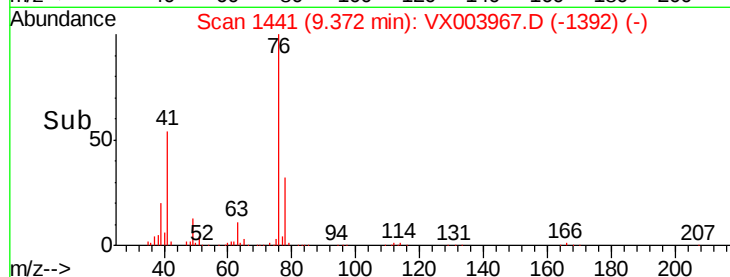
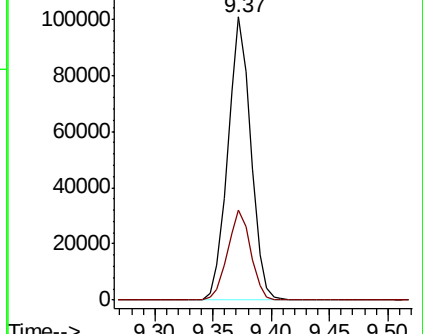
76 100

78 31.9 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 98.51 ug/l

RT: 8.31 min Scan# 1267

Delta R.T. -0.01 min

Lab File: VX003967.D

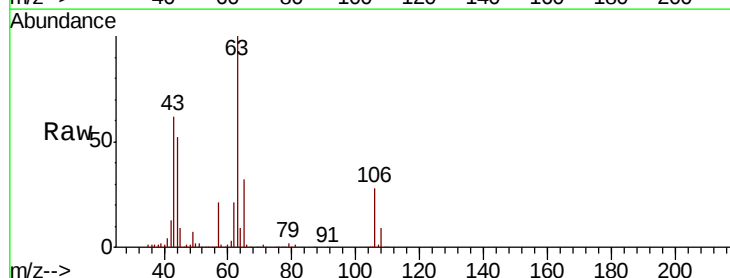
Acq: 10 Aug 2018 10:58

Tgt Ion: 63 Resp: 292989

Ion Ratio Lower Upper

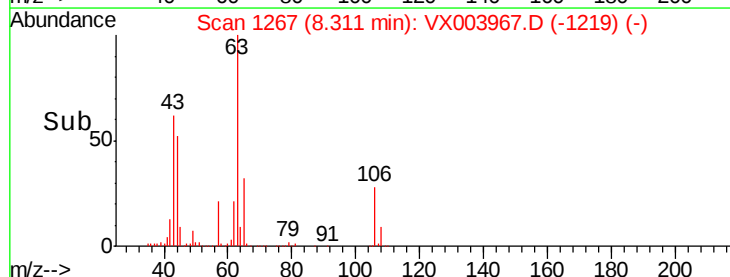
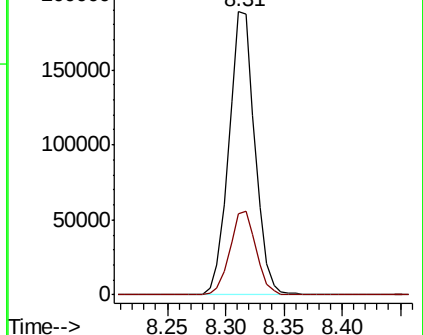
63 100

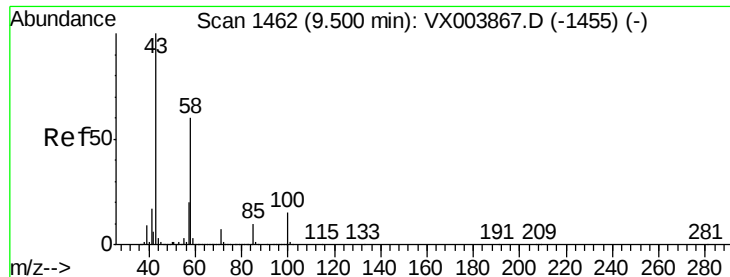
106 29.8 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

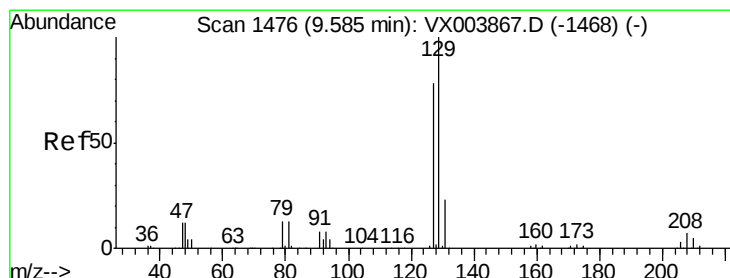
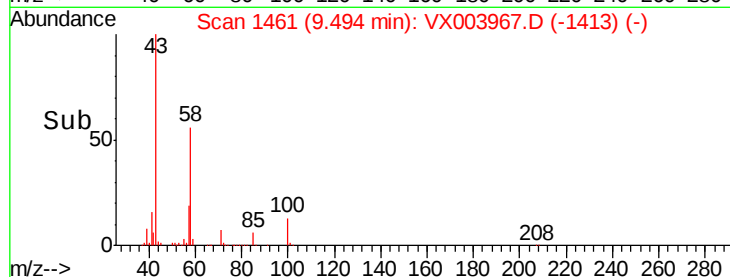
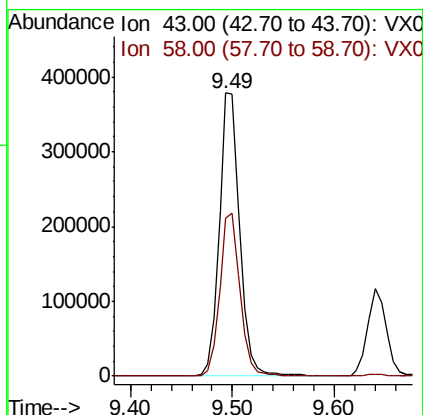
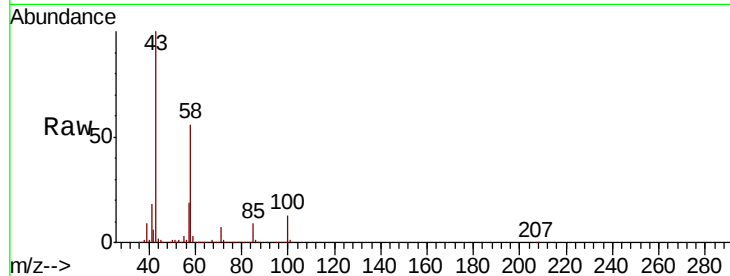




#59
2-Hexanone
Concen: 96.22 ug/l
RT: 9.49 min Scan# 1461
Delta R.T. -0.01 min
Lab File: VX003967.D
Acq: 10 Aug 2018 10:58

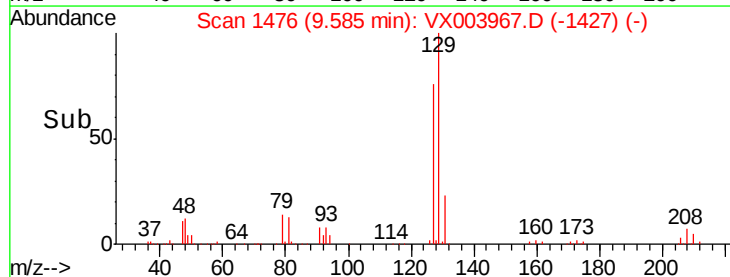
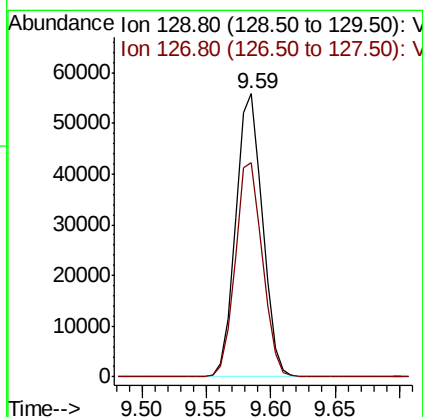
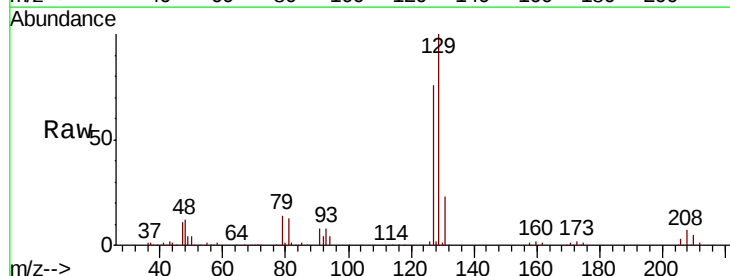
Instrument :
MSVOA_X
ClientSampleId :
VX0810WBS01

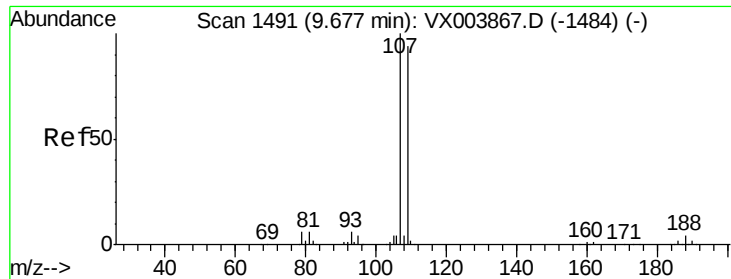
Tot Ion: 43 Resp: 530596
Ion Ratio Lower Upper
43 100
58 57.1 29.0 87.0



#60
Dibromochloromethane
Concen: 20.75 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003967.D
Acq: 10 Aug 2018 10:58

Tgt Ion: 129 Resp: 80638
Ion Ratio Lower Upper
129 100
127 76.8 38.8 116.3





#61

1,2-Dibromoethane

Concen: 20.52 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.01 min

Lab File: VX003967.D

Acq: 10 Aug 2018 10:58

Instrument :

MSVOA_X

ClientSampleId :

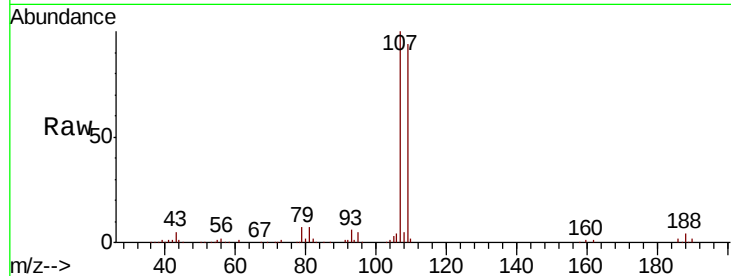
VX0810WBS01

Tot Ion:107 Resp: 85637

Ion Ratio Lower Upper

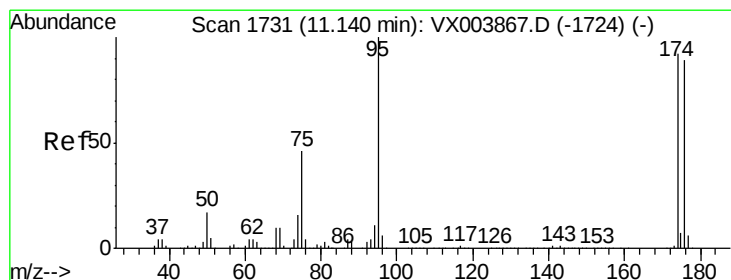
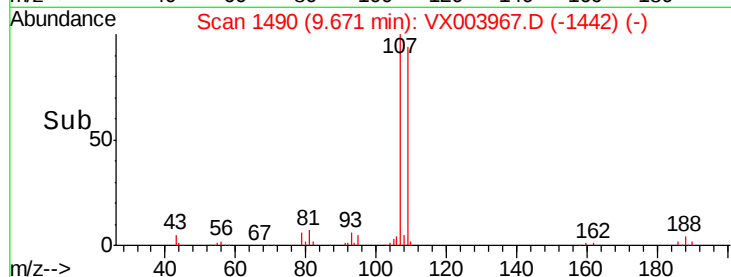
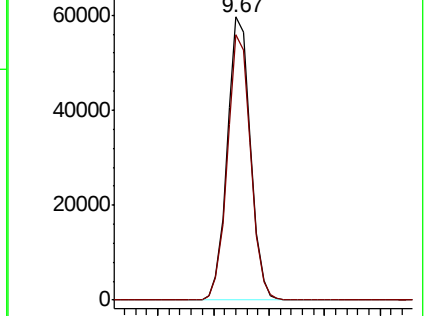
107 100

109 93.8 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.09 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003967.D

Acq: 10 Aug 2018 10:58

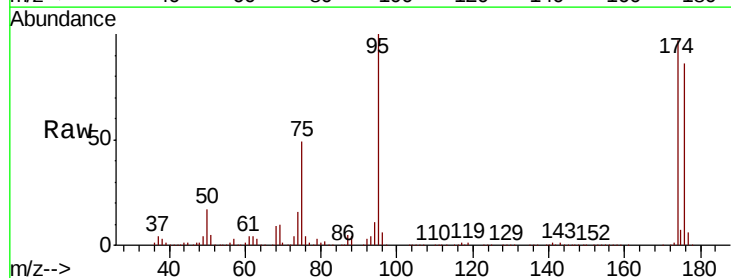
Tgt Ion: 95 Resp: 247523

Ion Ratio Lower Upper

95 100

174 91.3 0.0 182.8

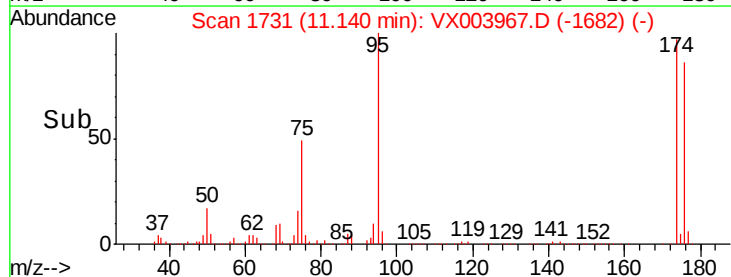
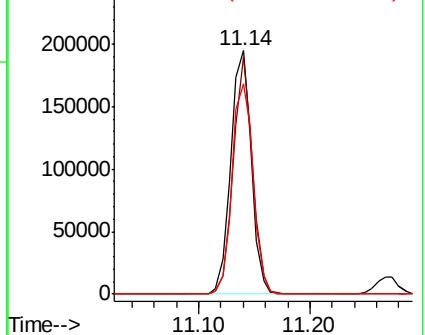
176 88.9 0.0 179.0

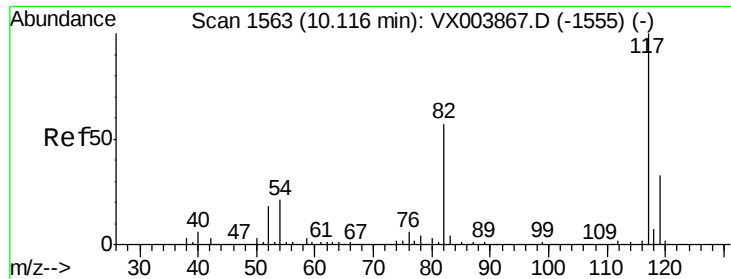


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

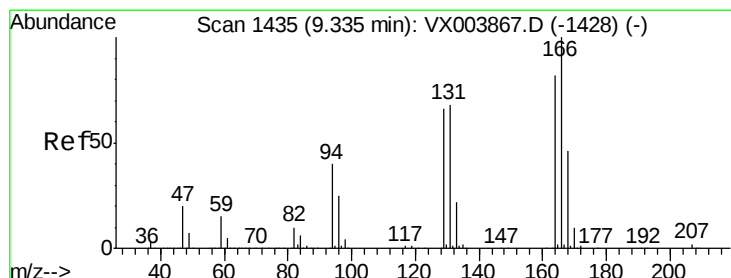
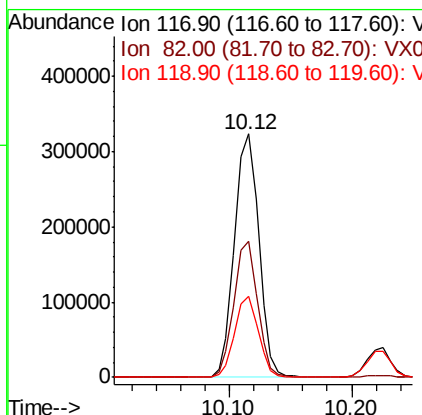
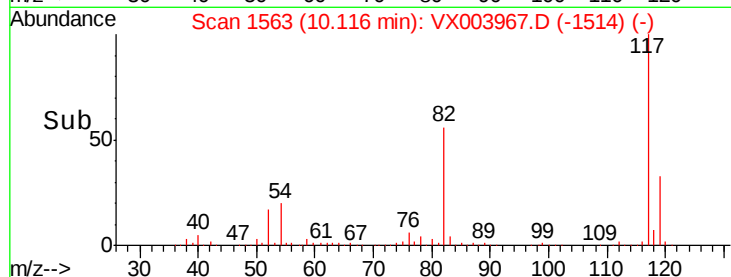
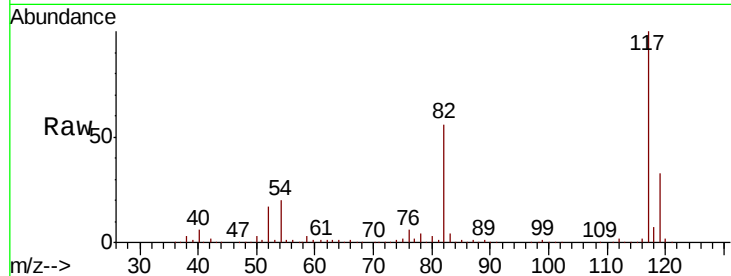




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003967.D
Acq: 10 Aug 2018 10:58

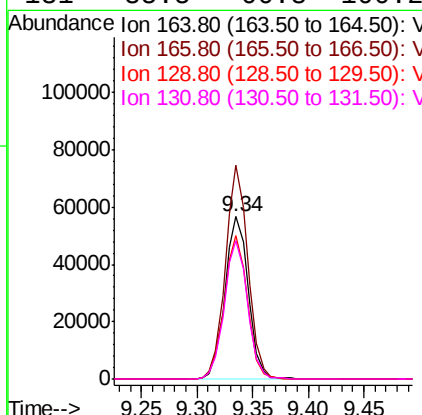
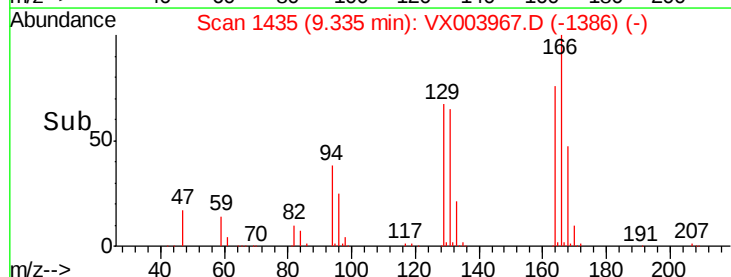
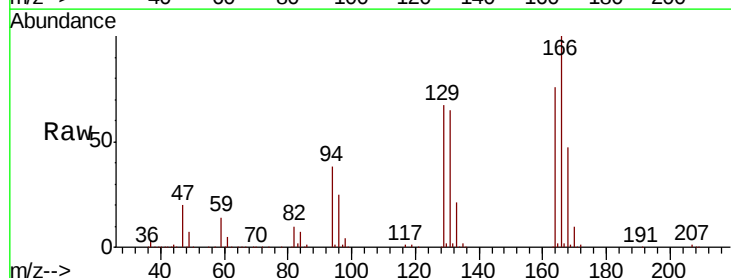
Instrument :
MSVOA_X
ClientSampleId :
VX0810WBS01

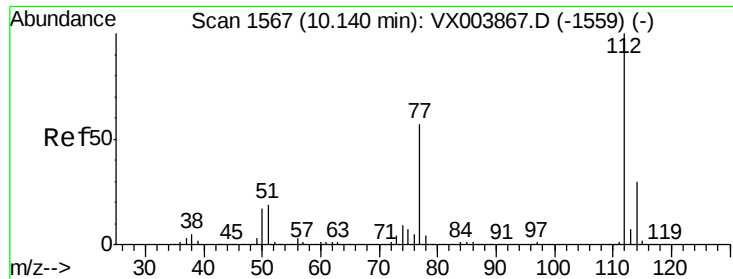
Tot Ion:117 Resp: 445409
Ion Ratio Lower Upper
117 100
82 55.9 45.4 68.0
119 33.2 26.6 40.0



#64
Tetrachloroethene
Concen: 18.69 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX003967.D
Acq: 10 Aug 2018 10:58

Tgt Ion:164 Resp: 81877
Ion Ratio Lower Upper
164 100
166 131.6 98.0 147.0
129 88.5 64.3 96.5
131 85.5 66.8 100.2

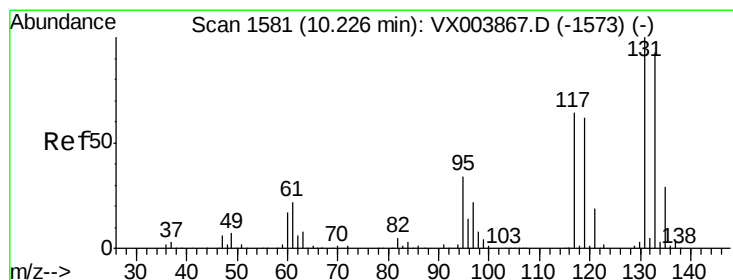
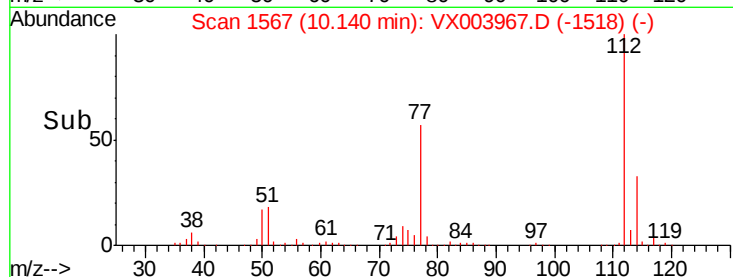
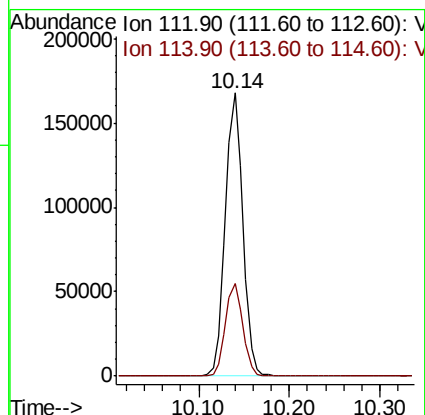
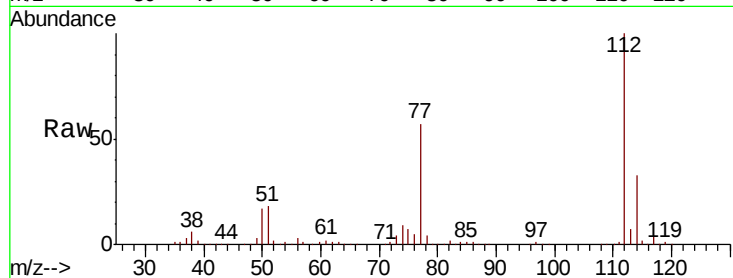




#65
Chlorobenzene
Concen: 19.57 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003967.D
Acq: 10 Aug 2018 10:58

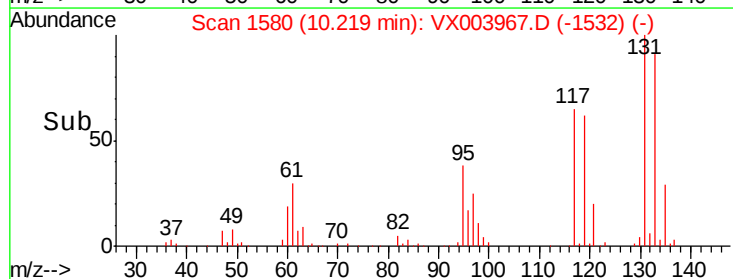
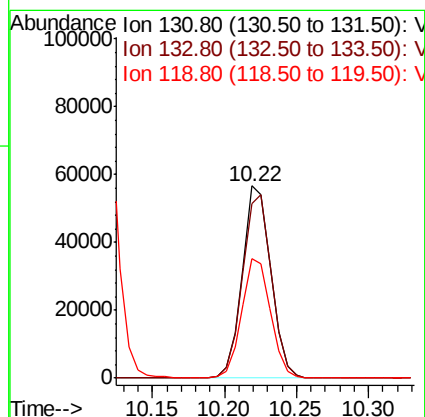
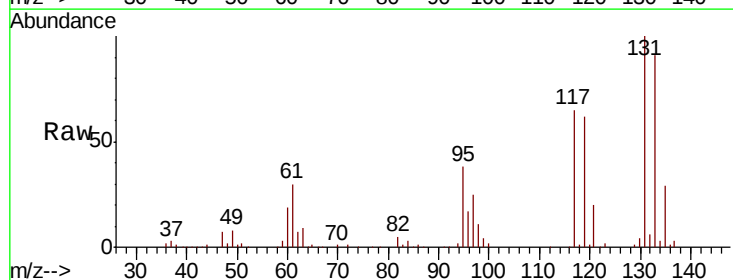
Instrument :
MSVOA_X
ClientSampleId :
VX0810WBS01

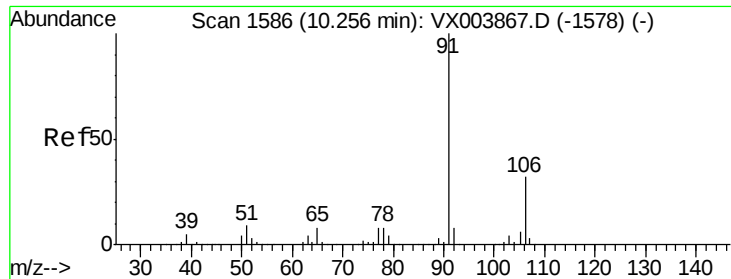
Tot Ion:112 Resp: 226839
Ion Ratio Lower Upper
112 100
114 32.8 23.6 35.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.53 ug/l
RT: 10.22 min Scan# 1580
Delta R.T. -0.01 min
Lab File: VX003967.D
Acq: 10 Aug 2018 10:58

Tgt Ion:131 Resp: 77797
Ion Ratio Lower Upper
131 100
133 96.8 47.3 141.8
119 62.9 31.6 94.8





#67

Ethyl Benzene

Concen: 19.74 ug/l

RT: 10.25 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VX003967.D

Acq: 10 Aug 2018 10:58

Instrument :

MSVOA_X

ClientSampled :

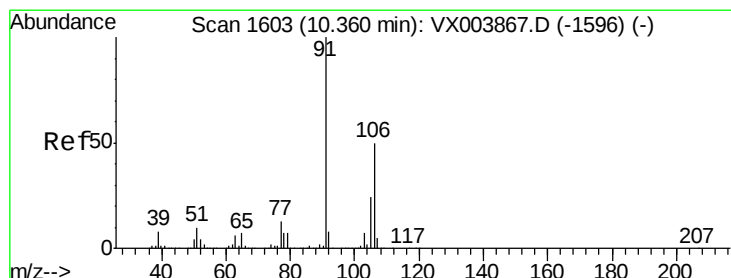
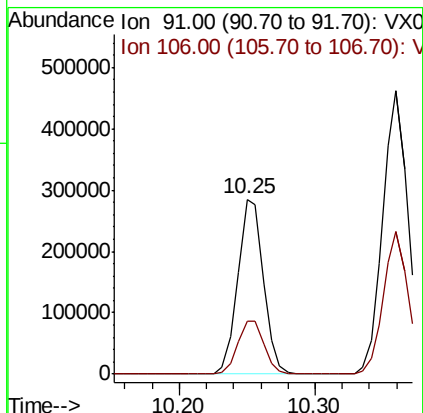
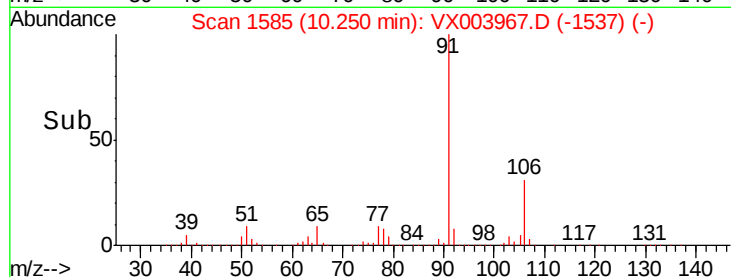
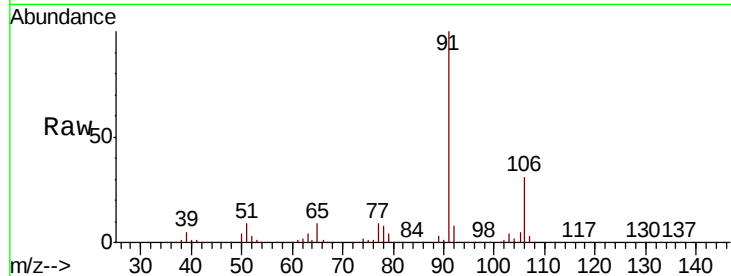
VX0810WBS01

Tot Ion: 91 Resp: 374566

Ion Ratio Lower Upper

91 100

106 30.6 25.9 38.9



#68

m/p-Xylenes

Concen: 40.12 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX003967.D

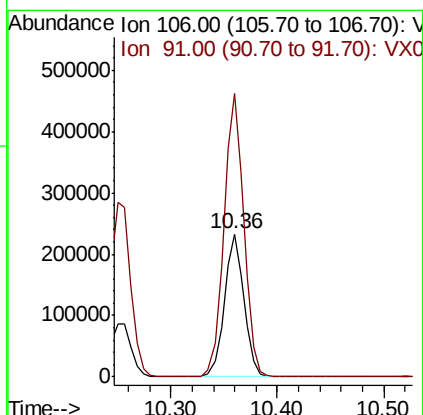
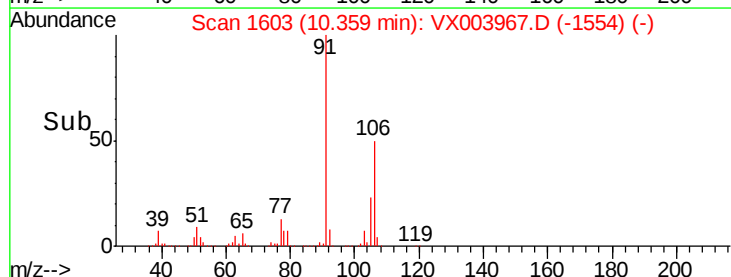
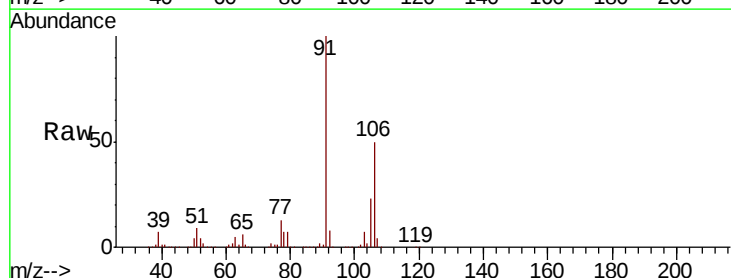
Acq: 10 Aug 2018 10:58

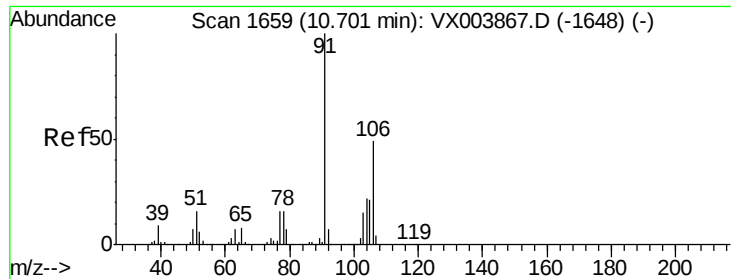
Tgt Ion: 106 Resp: 297409

Ion Ratio Lower Upper

106 100

91 202.3 162.3 243.5

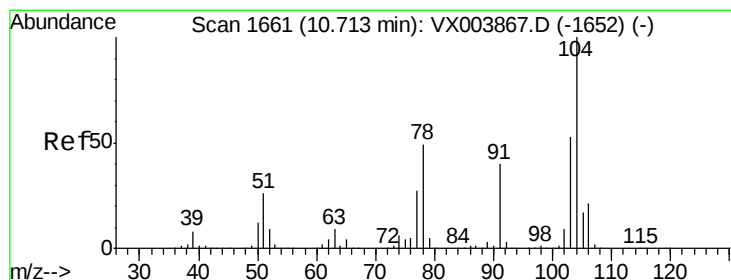
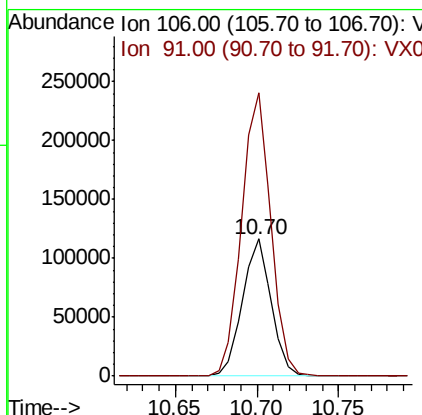
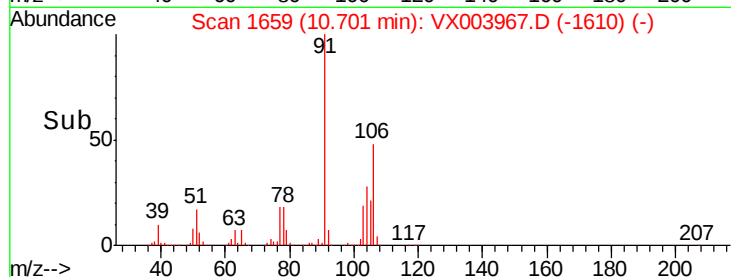
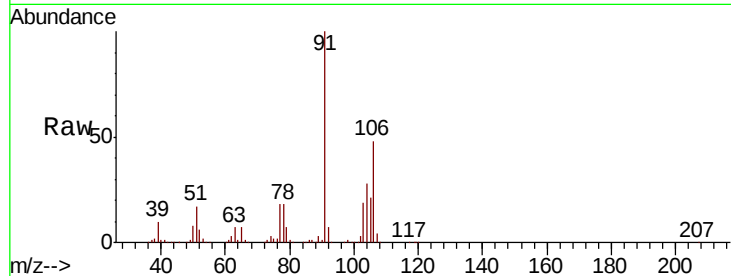




#69
o-Xylene
Concen: 20.51 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003967.D
Acq: 10 Aug 2018 10:58

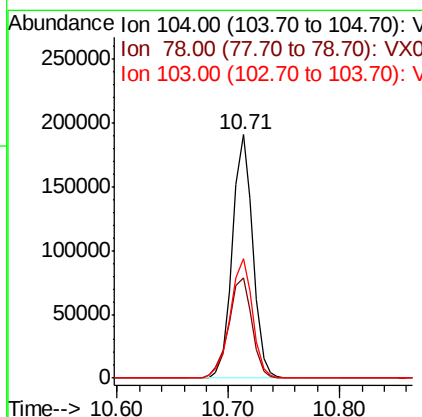
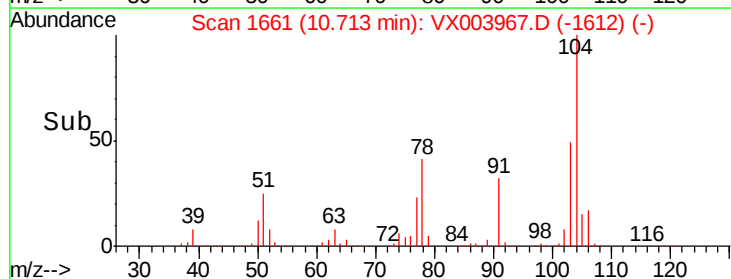
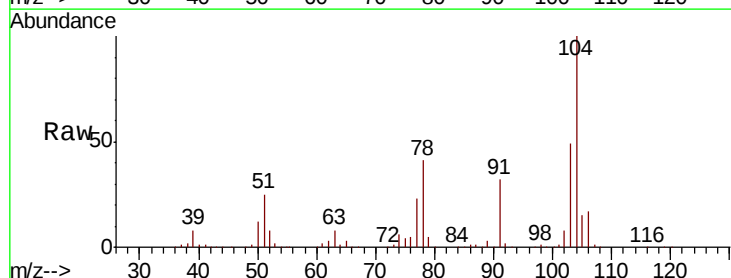
Instrument :
MSVOA_X
ClientSampled :
VX0810WBS01

Tot Ion:106 Resp: 143498
Ion Ratio Lower Upper
106 100
91 210.3 101.9 305.7



#70
Styrene
Concen: 21.10 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003967.D
Acq: 10 Aug 2018 10:58

Tgt Ion:104 Resp: 241747
Ion Ratio Lower Upper
104 100
78 47.0 39.8 59.6
103 54.0 44.3 66.5





#71

Bromoform

Concen: 19.52 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003967.D

Acq: 10 Aug 2018 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0810WBS01

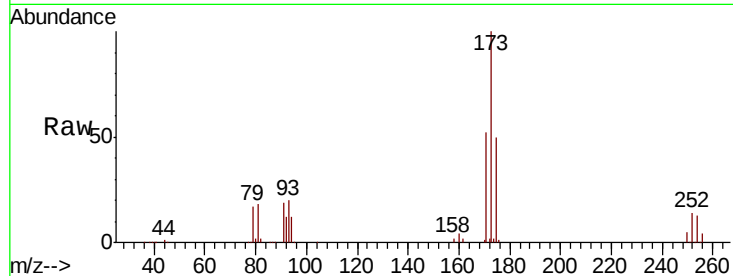
Tot Ion:173 Resp: 59577

Ion Ratio Lower Upper

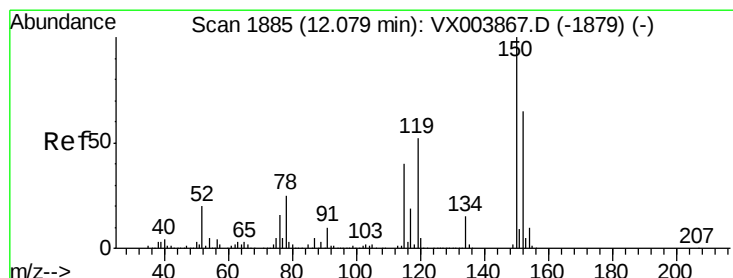
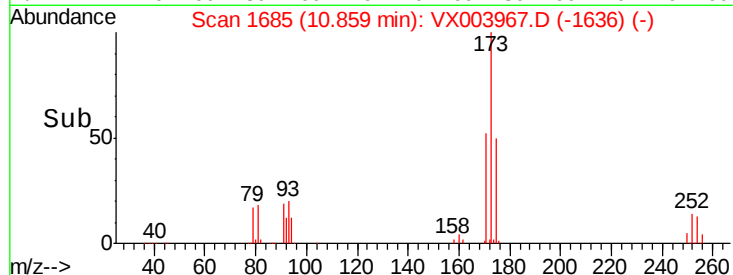
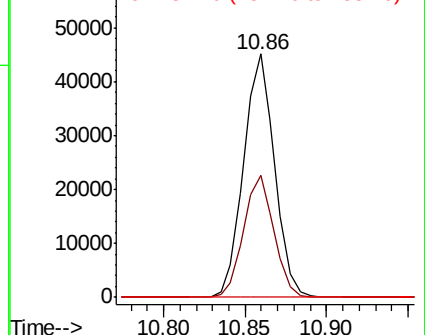
173 100

175 49.2 24.9 74.7

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX003967.D

Acq: 10 Aug 2018 10:58

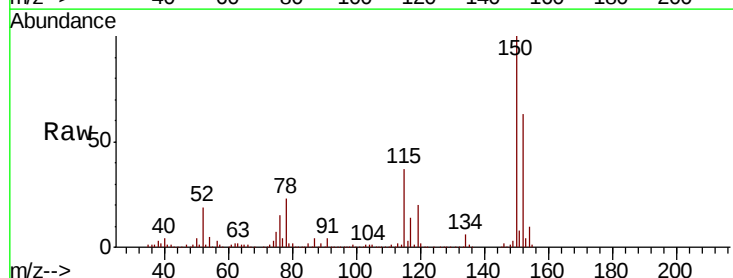
Tgt Ion:152 Resp: 265385

Ion Ratio Lower Upper

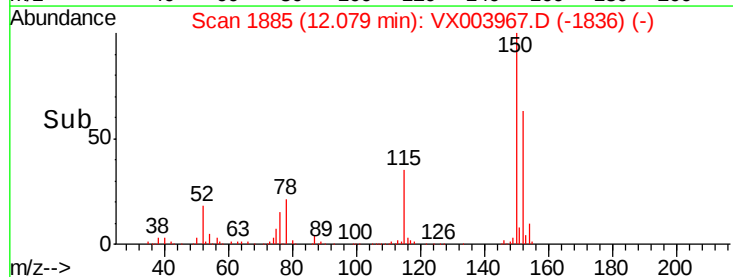
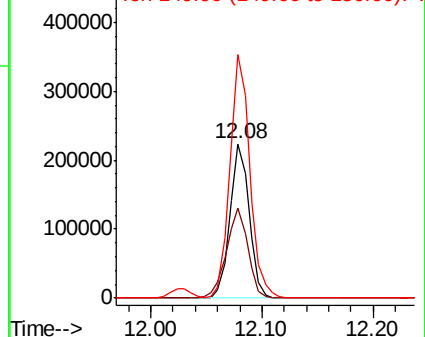
152 100

115 65.0 39.1 117.3

150 165.0 0.0 349.2



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





#73

Isopropylbenzene

Concen: 19.71 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX003967.D

Acq: 10 Aug 2018 10:58

Instrument :

MSVOA_X

ClientSampleId :

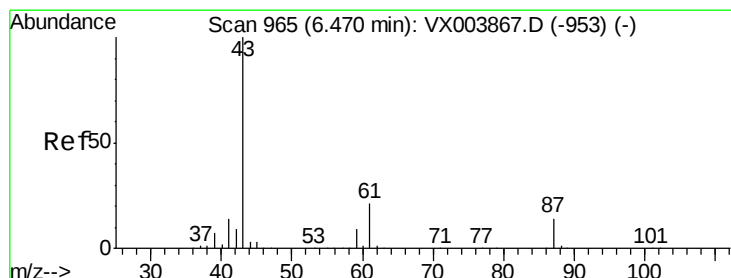
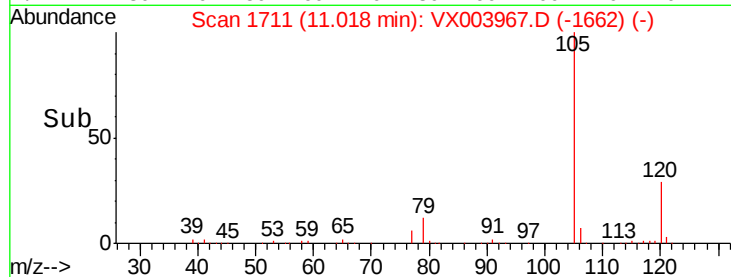
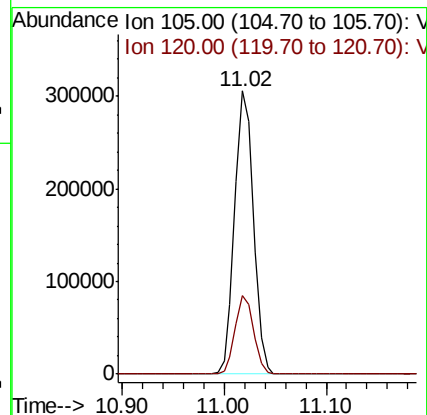
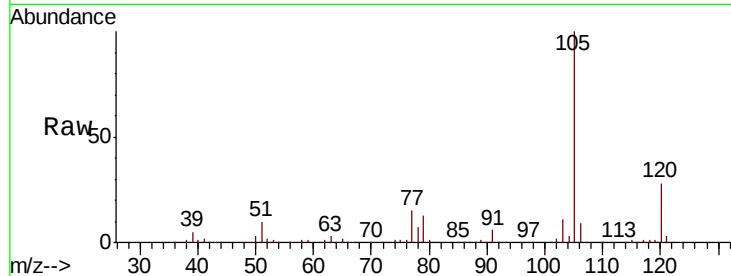
VX0810WBS01

Tot Ion:105 Resp: 386887

Ion Ratio Lower Upper

105 100

120 27.2 12.6 37.8



#74

N-ethyl acetate

Concen: 16.15 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX003967.D

Acq: 10 Aug 2018 10:58

Tgt Ion: 43 Resp: 164871

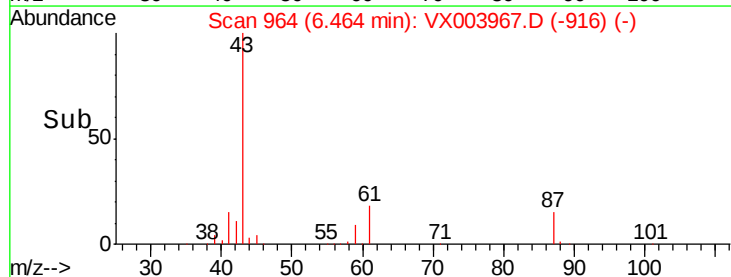
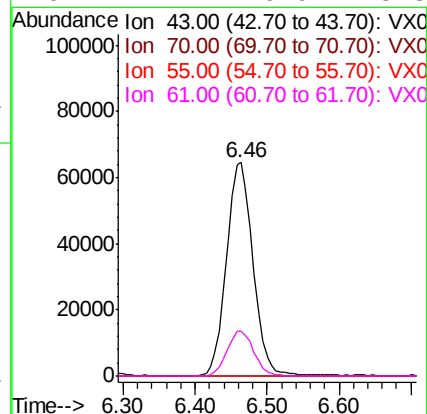
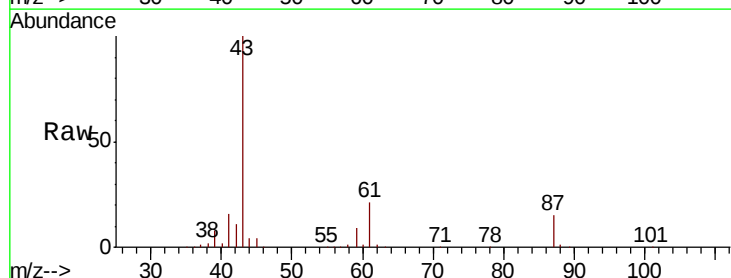
Ion Ratio Lower Upper

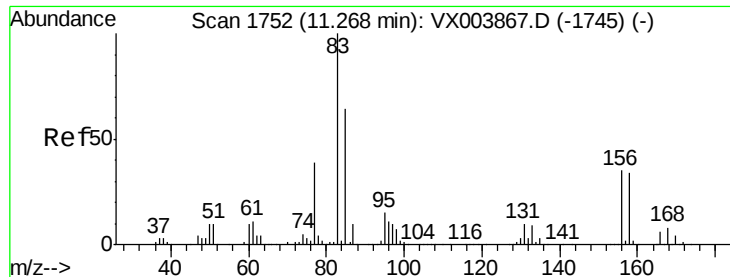
43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 21.2 16.9 25.3





#75

1,1,2,2-Tetrachloroethane

Concen: 17.82 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX003967.D

Acq: 10 Aug 2018 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0810WBS01

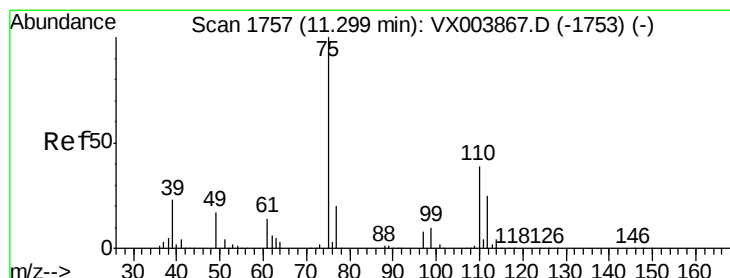
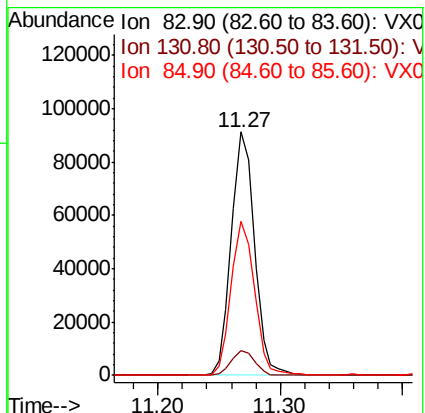
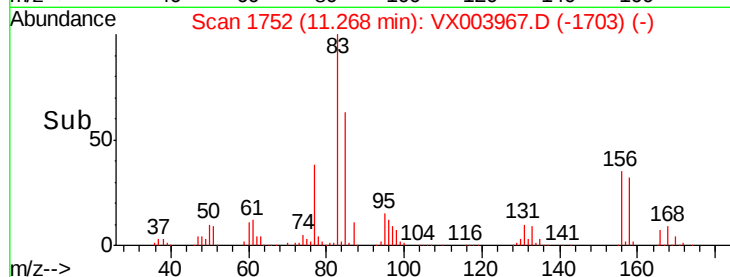
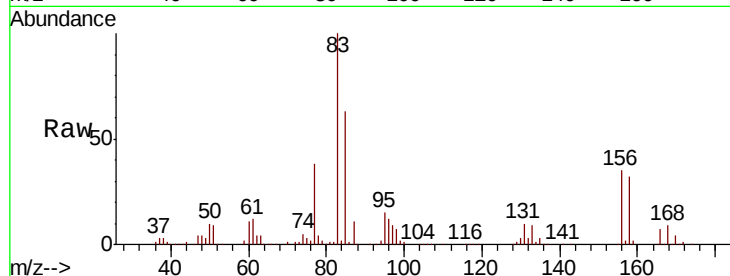
Tot Ion: 83 Resp: 119914

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

85 64.2 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 21.42 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX003967.D

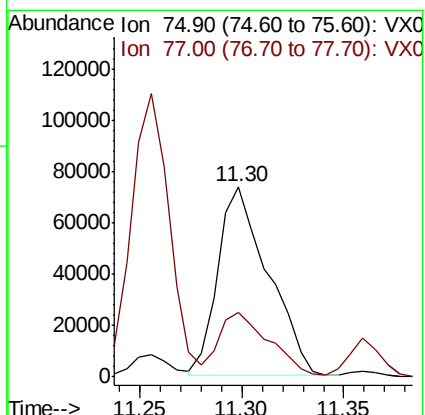
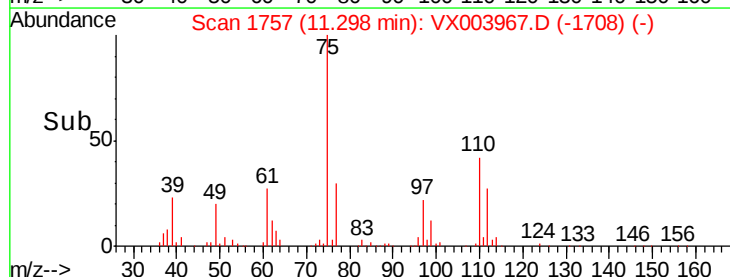
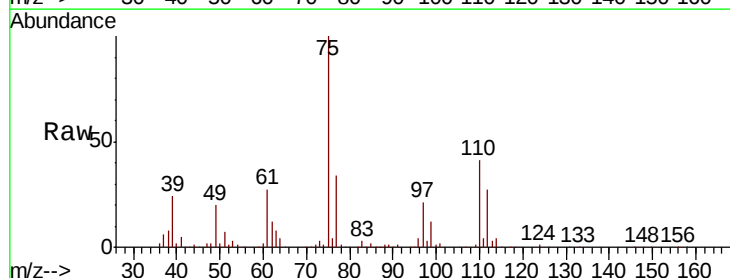
Acq: 10 Aug 2018 10:58

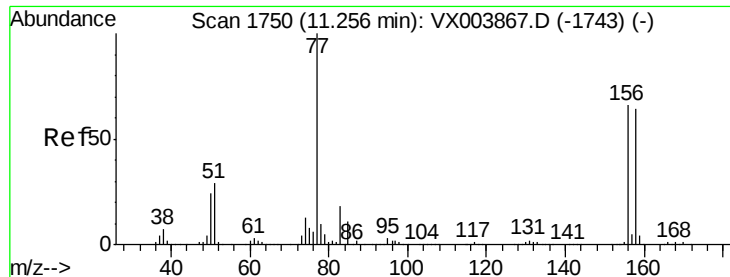
Tgt Ion: 75 Resp: 125547

Ion Ratio Lower Upper

75 100

77 34.3 20.8 62.5





#77

Bromobenzene

Concen: 18.65 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX003967.D

Acq: 10 Aug 2018 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0810WBS01

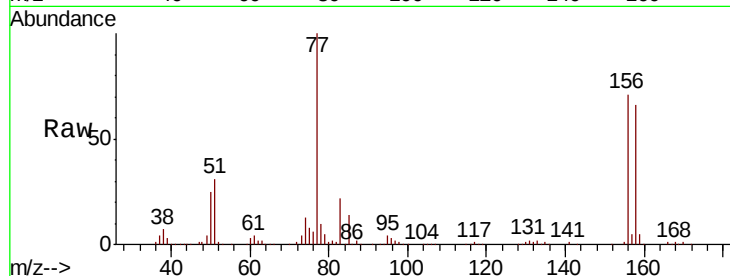
Tot Ion:156 Resp: 97659

Ion Ratio Lower Upper

156 100

77 147.3 74.1 222.2

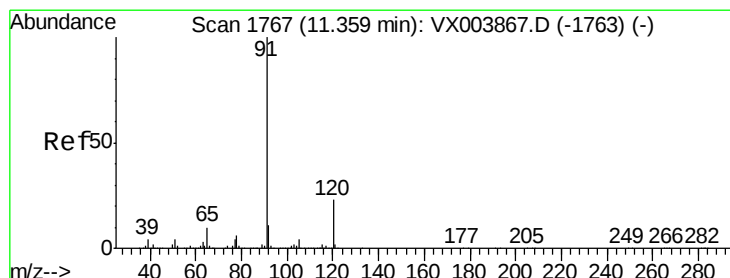
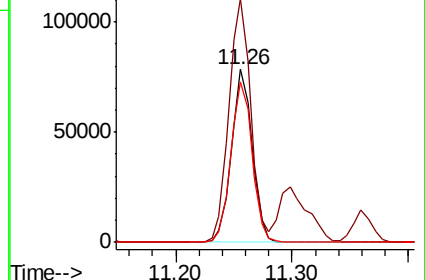
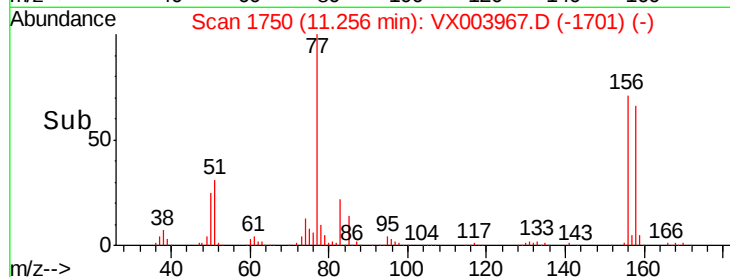
158 94.9 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

150000 Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.05 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX003967.D

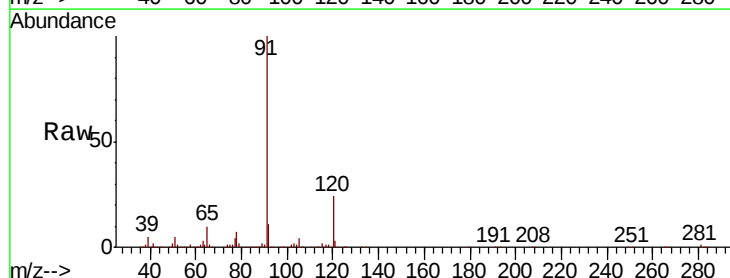
Acq: 10 Aug 2018 10:58

Tgt Ion: 91 Resp: 420016

Ion Ratio Lower Upper

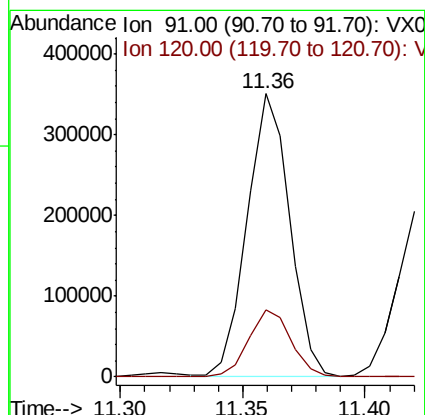
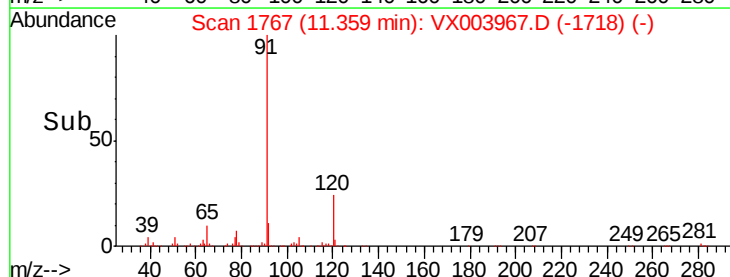
91 100

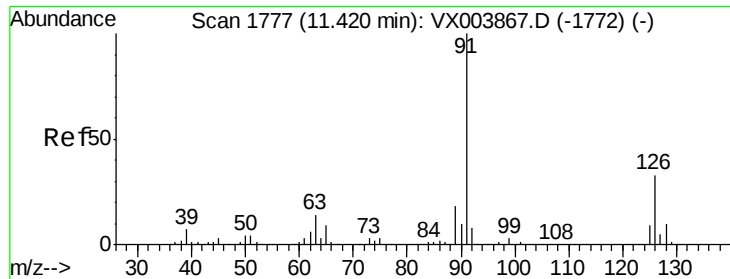
120 23.6 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

400000 Ion 120.00 (119.70 to 120.70): V

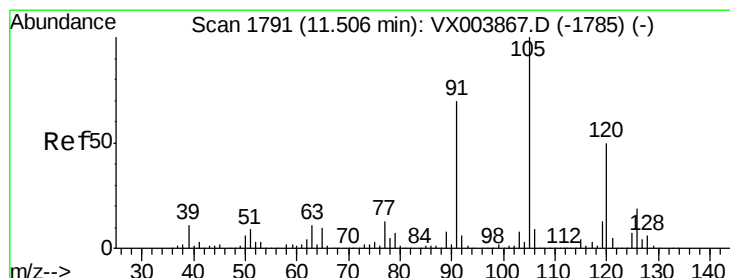
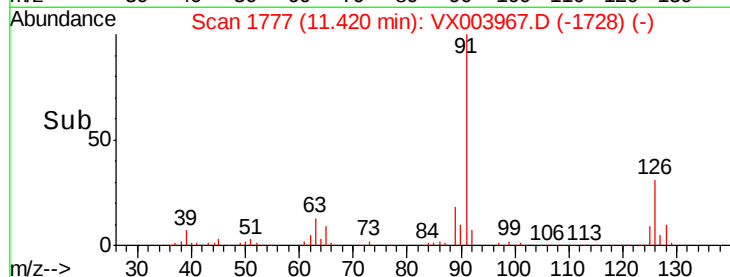
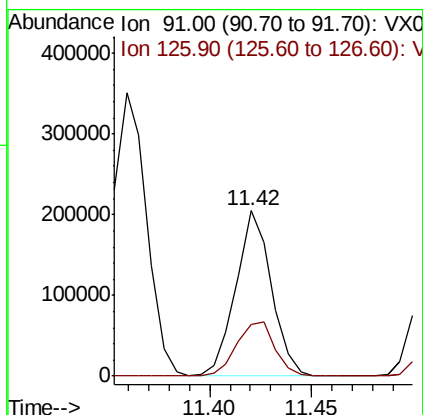
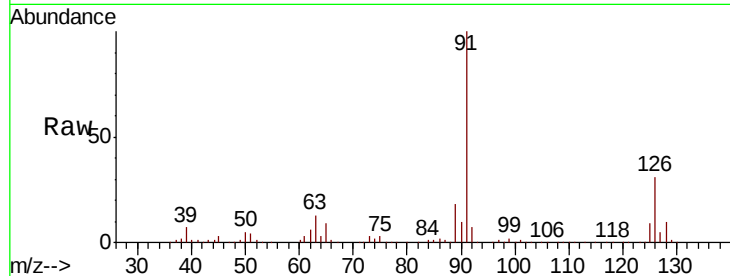




#79
 2-Chlorotoluene
 Concen: 18.33 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: VX003967.D
 Acq: 10 Aug 2018 10:58

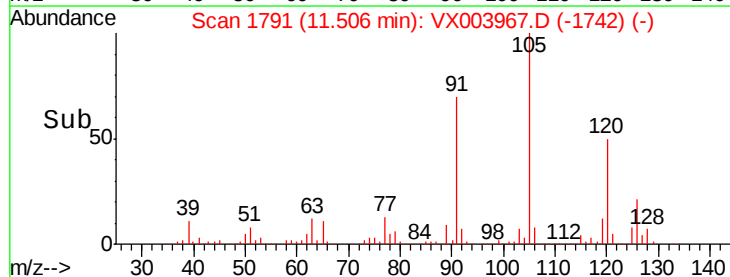
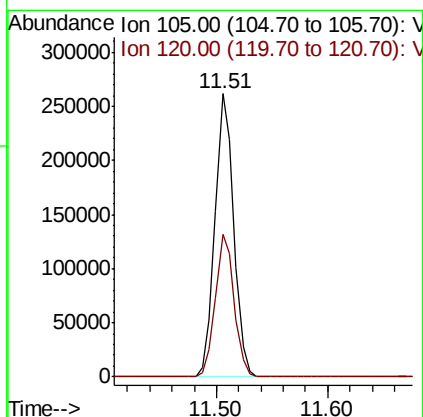
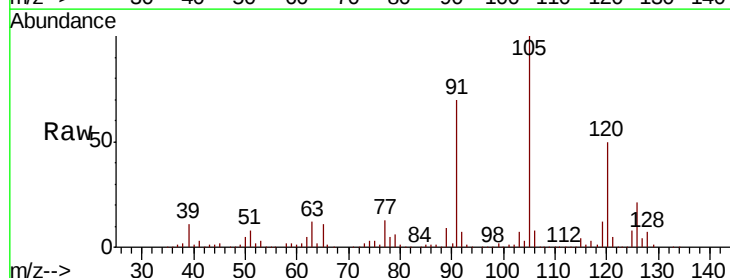
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0810WBS01

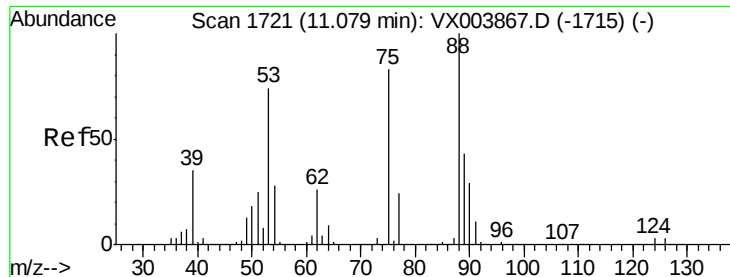
Tot Ion: 91 Resp: 246358
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 19.02 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX003967.D
 Acq: 10 Aug 2018 10:58

Tgt Ion: 105 Resp: 304527
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.4 76.2





#81

trans-1,4-Dichloro-2-butene

Concen: 16.98 ug/l

RT: 11.07 min Scan# 1720

Delta R.T. -0.01 min

Lab File: VX003967.D

Acq: 10 Aug 2018 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0810WBS01

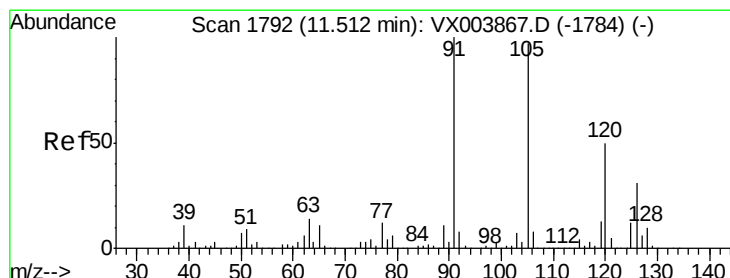
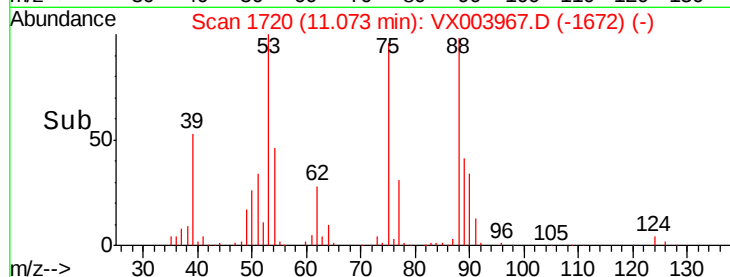
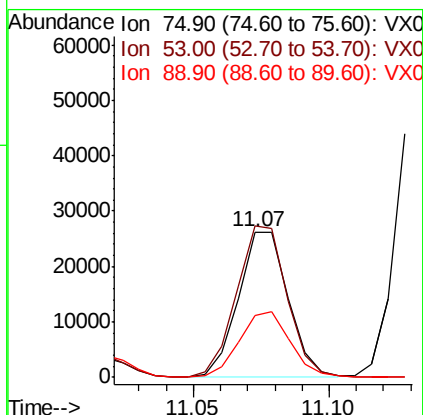
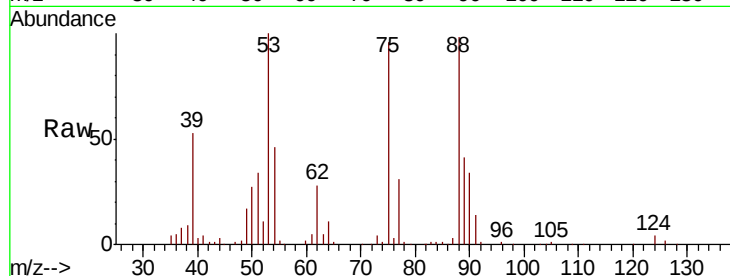
Tot Ion: 75 Resp: 33288

Ion Ratio Lower Upper

75 100

53 105.0 80.3 120.5

89 46.6 37.8 56.8



#82

4-Chlorotoluene

Concen: 18.40 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003967.D

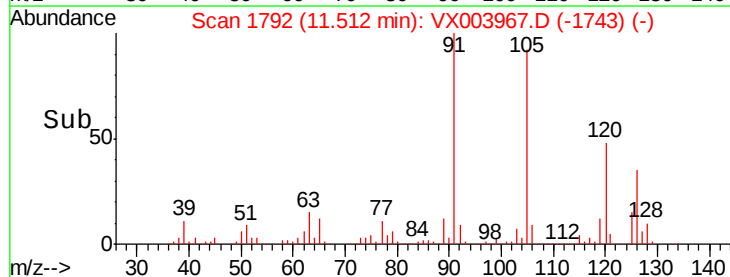
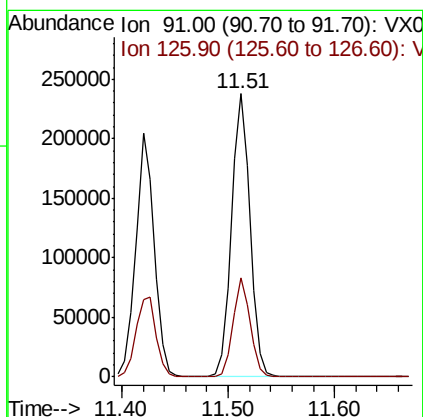
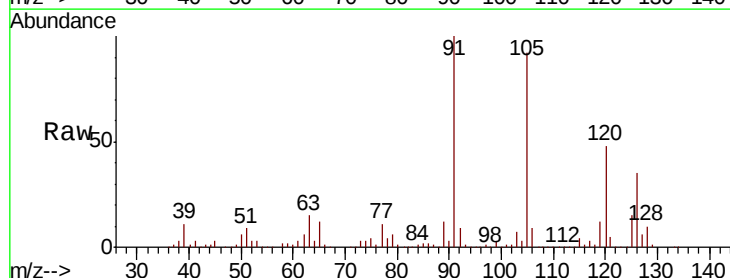
Acq: 10 Aug 2018 10:58

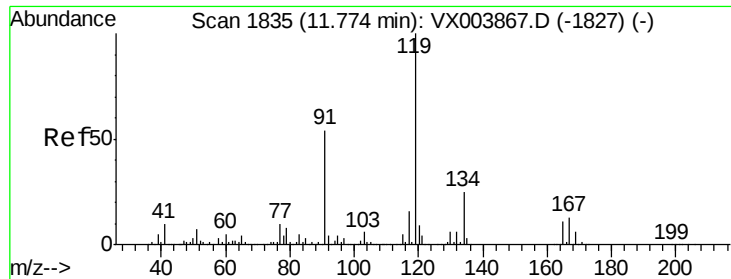
Tgt Ion: 91 Resp: 289775

Ion Ratio Lower Upper

91 100

126 32.5 15.6 46.7

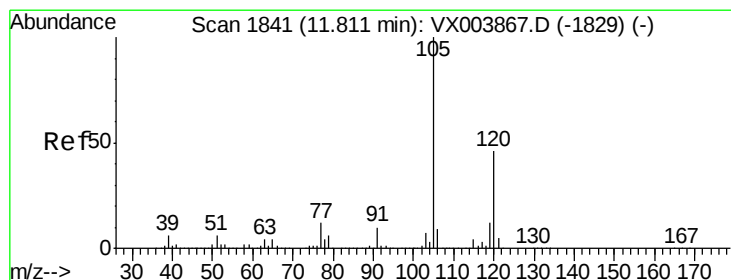
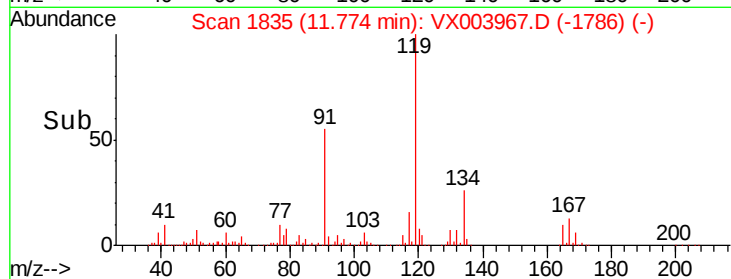
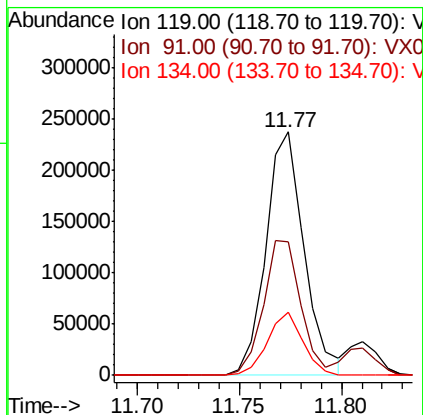
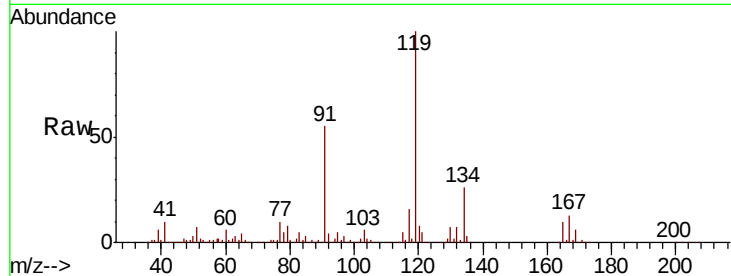




#83
 tert-Butylbenzene
 Concen: 19.60 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX003967.D
 Acq: 10 Aug 2018 10:58

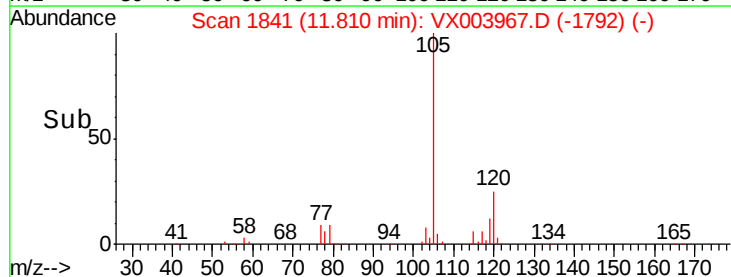
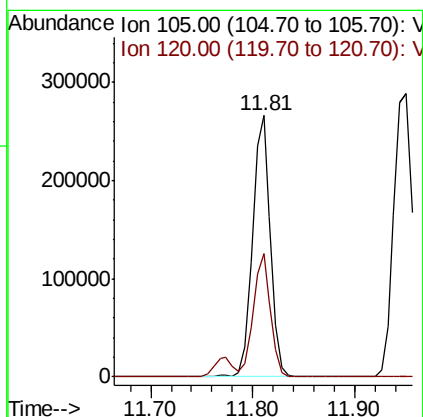
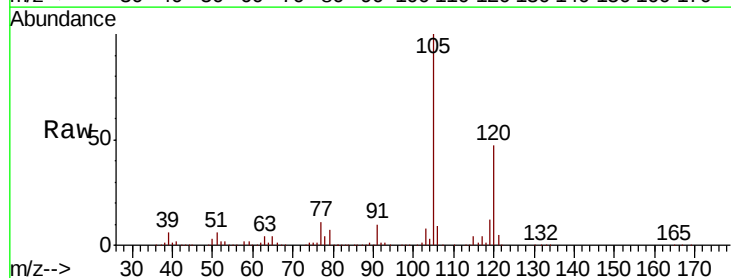
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0810WBS01

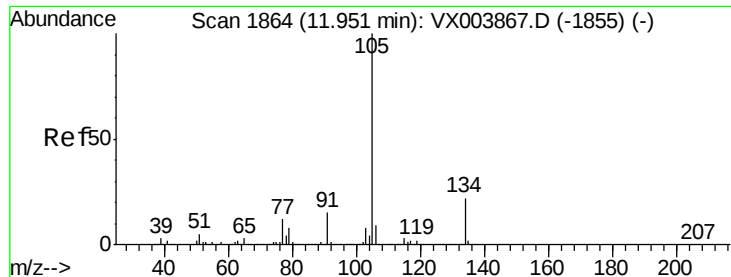
Tot Ion	Ratio	Lower	Upper
119	100		
91	54.1	26.9	80.7
134	24.1	12.0	36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 20.21 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003967.D
 Acq: 10 Aug 2018 10:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	23.1	69.2





#85

sec-Butylbenzene

Concen: 20.12 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003967.D

Acq: 10 Aug 2018 10:58

Instrument :

MSVOA_X

ClientSampleId :

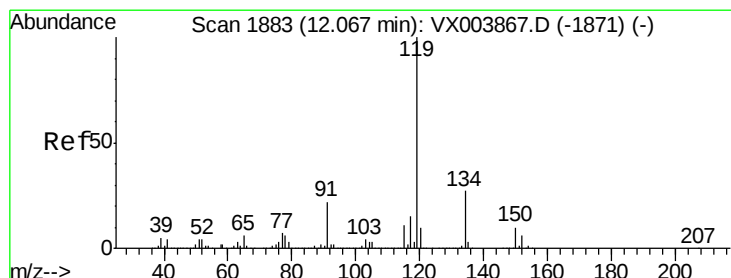
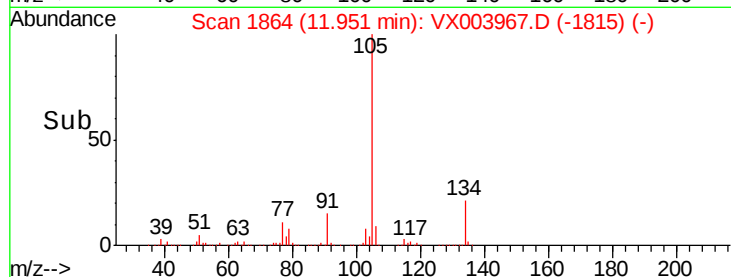
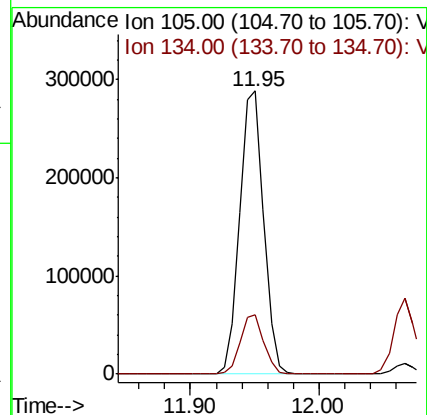
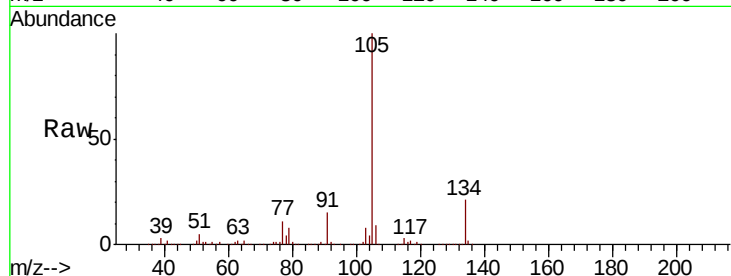
VX0810WBS01

Tot Ion:105 Resp: 374035

Ion Ratio Lower Upper

105 100

134 20.5 10.3 30.9



#86

p-Isopropyltoluene

Concen: 20.46 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003967.D

Acq: 10 Aug 2018 10:58

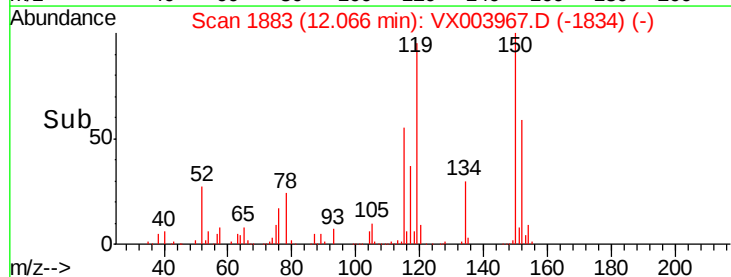
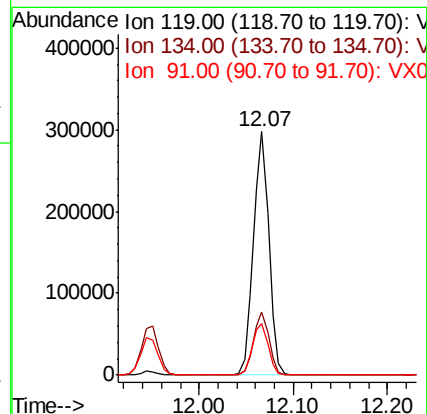
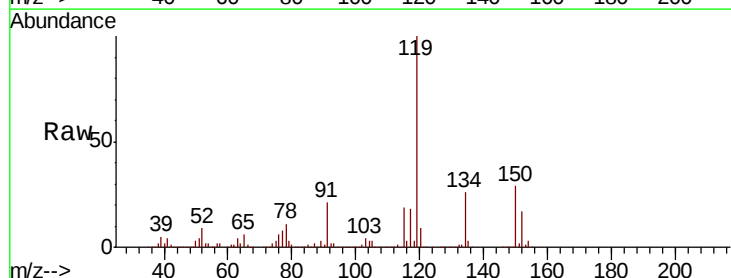
Tgt Ion:119 Resp: 341170

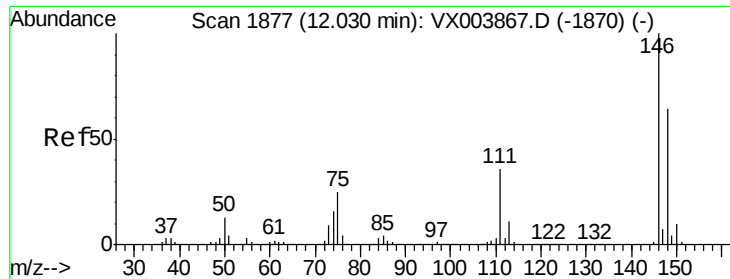
Ion Ratio Lower Upper

119 100

134 26.0 13.3 39.8

91 21.6 10.9 32.7

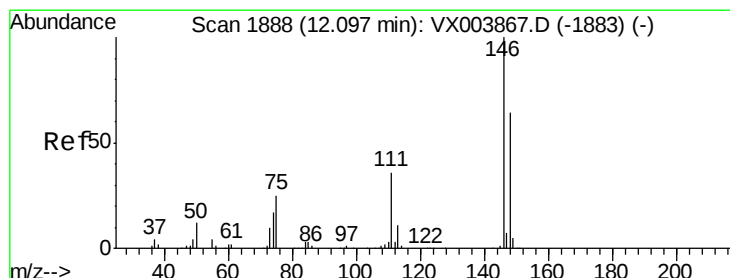
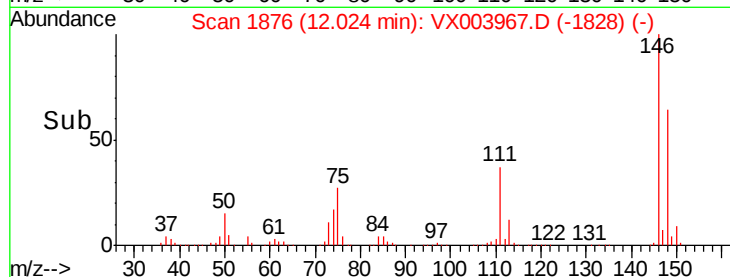
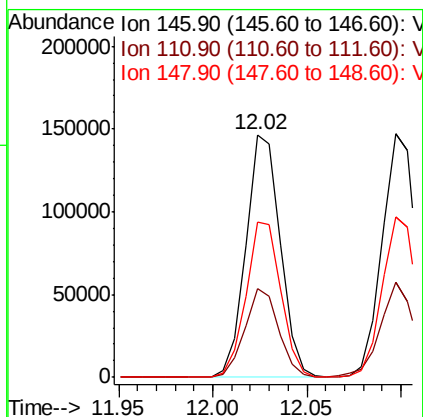
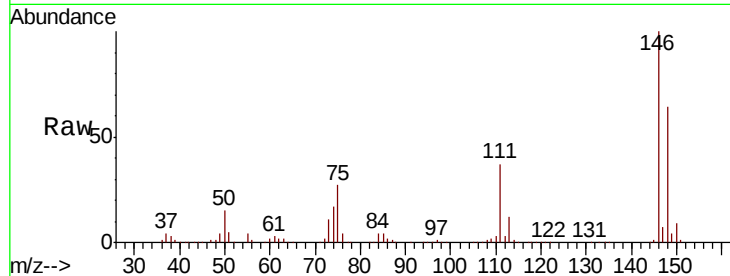




#87
 1,3-Dichlorobenzene
 Concen: 19.17 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.01 min
 Lab File: VX003967.D
 Acq: 10 Aug 2018 10:58

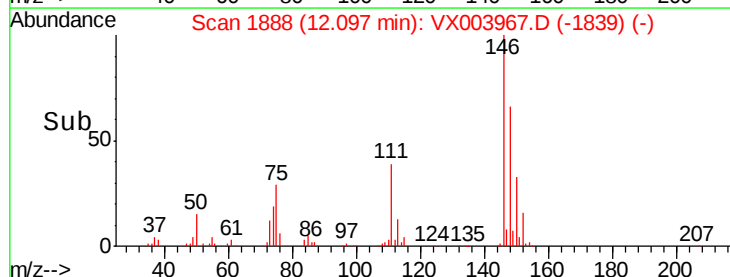
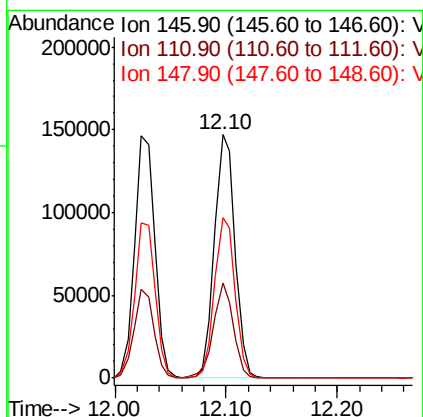
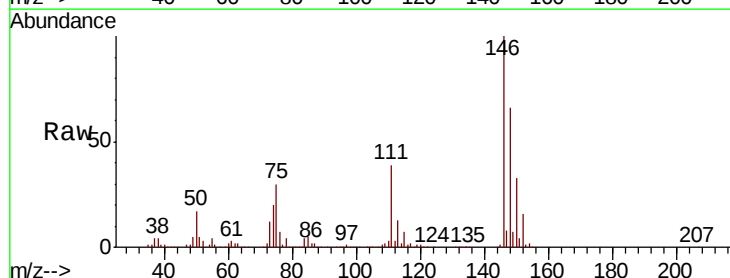
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0810WBS01

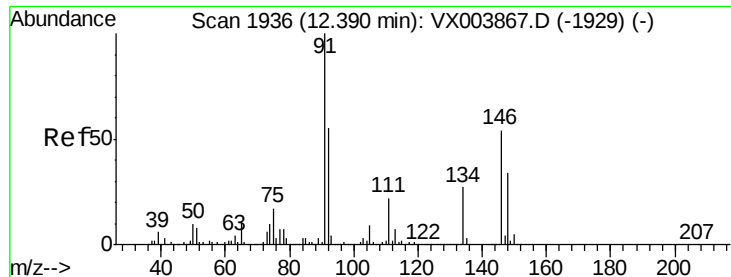
Tot Ion:146 Resp: 185619
 Ion Ratio Lower Upper
 146 100
 111 36.0 18.8 56.4
 148 64.8 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 20.10 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX003967.D
 Acq: 10 Aug 2018 10:58

Tgt Ion:146 Resp: 188040
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.4 55.0
 148 65.9 32.3 96.8





#89

n-Butylbenzene

Concen: 18.98 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX003967.D

Acq: 10 Aug 2018 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0810WBS01

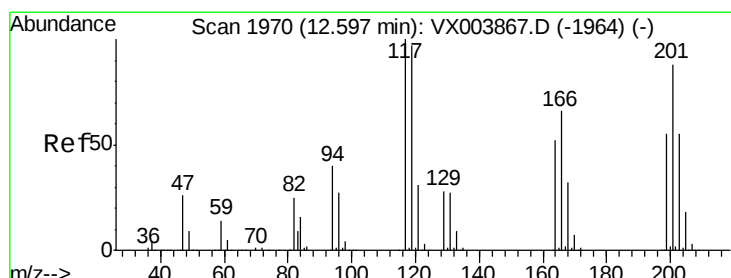
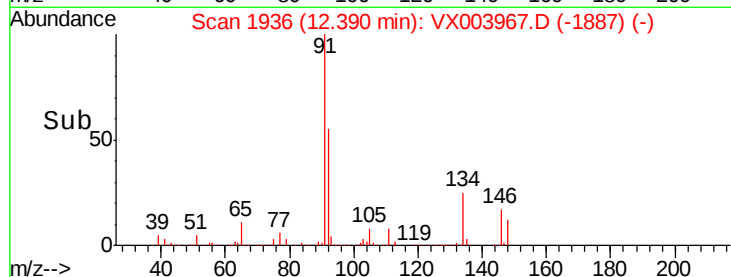
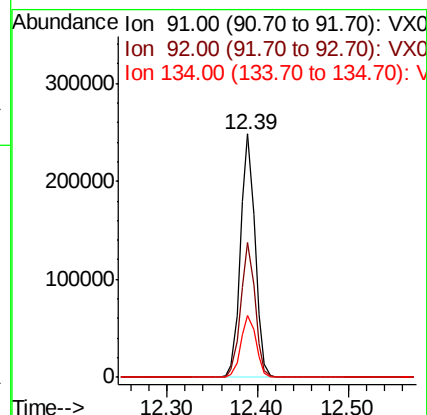
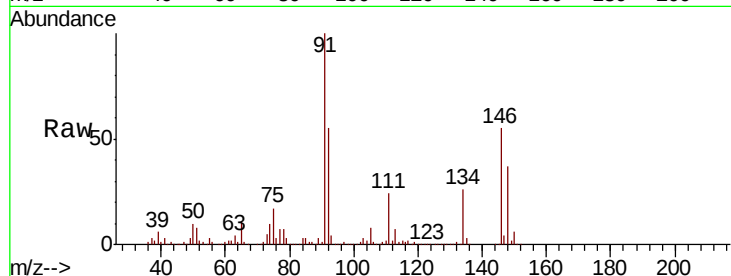
Tot Ion: 91 Resp: 275808

Ion Ratio Lower Upper

91 100

92 54.8 27.1 81.3

134 26.6 13.6 40.7



#90

Hexachloroethane

Concen: 17.28 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX003967.D

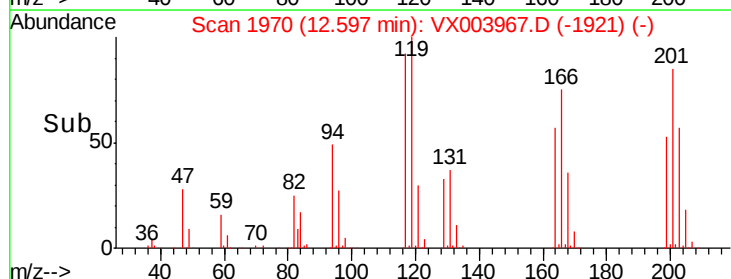
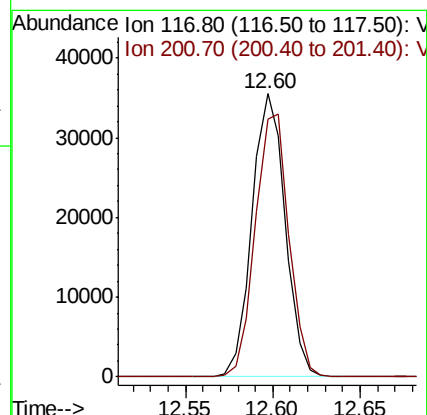
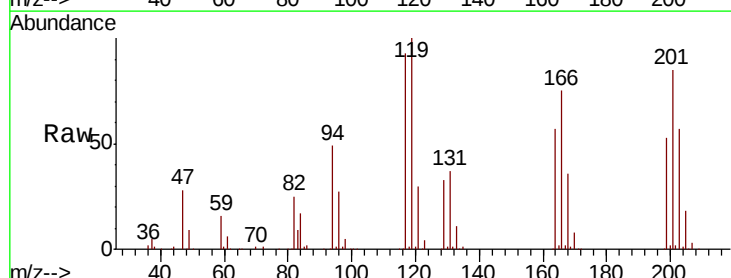
Acq: 10 Aug 2018 10:58

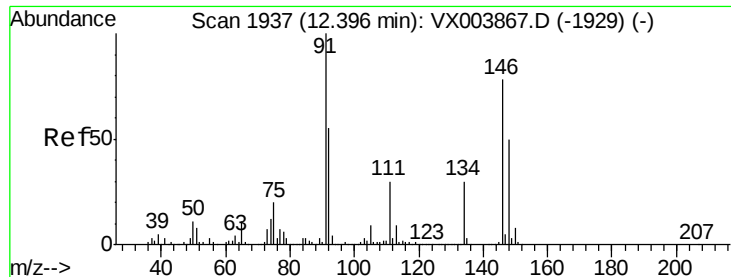
Tgt Ion: 117 Resp: 46787

Ion Ratio Lower Upper

117 100

201 94.3 46.1 138.2





#91

1,2-Dichlorobenzene

Concen: 18.48 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VX003967.D

Acq: 10 Aug 2018 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0810WBS01

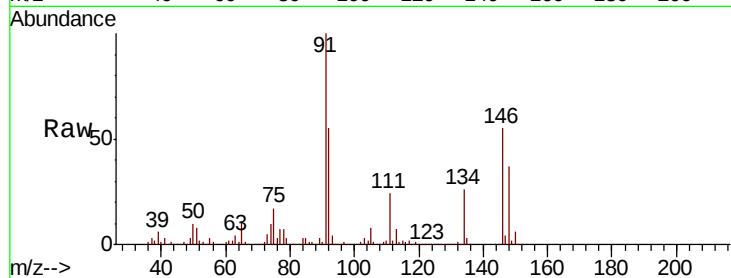
Tot Ion:146 Resp: 177334

Ion Ratio Lower Upper

146 100

111 39.9 19.7 59.0

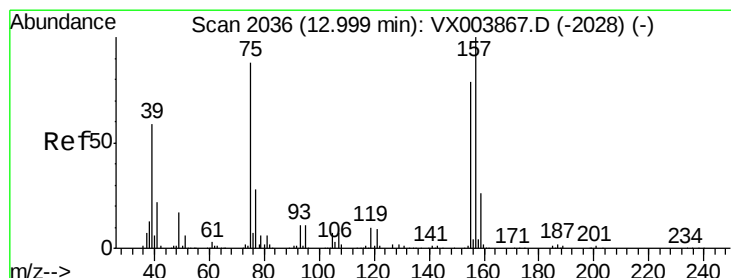
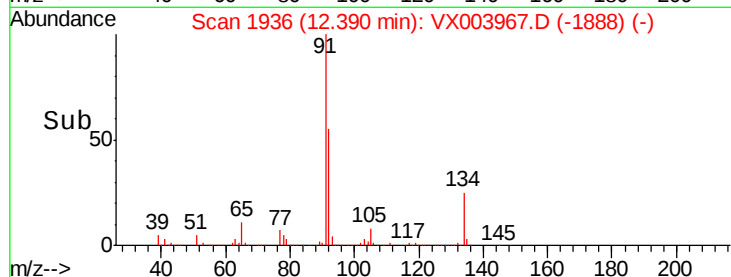
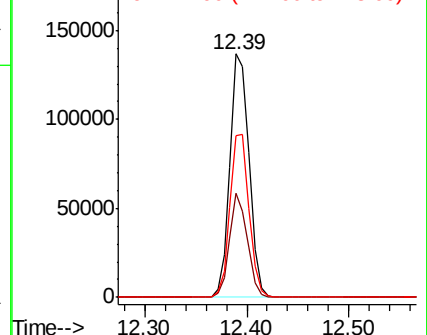
148 66.7 31.9 95.5



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: 16.28 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VX003967.D

Acq: 10 Aug 2018 10:58

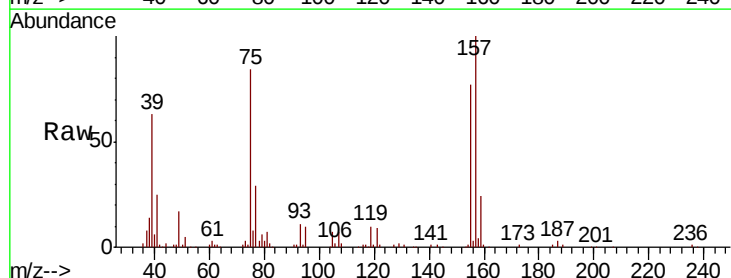
Tgt Ion: 75 Resp: 22437

Ion Ratio Lower Upper

75 100

155 97.3 48.7 146.1

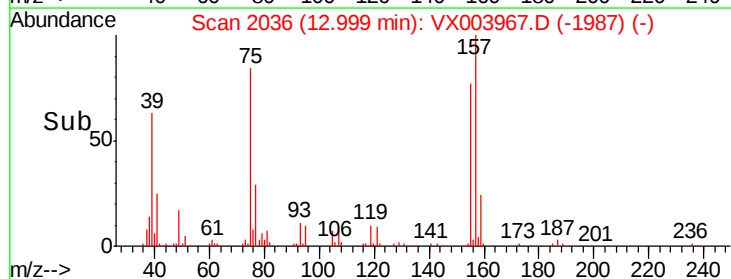
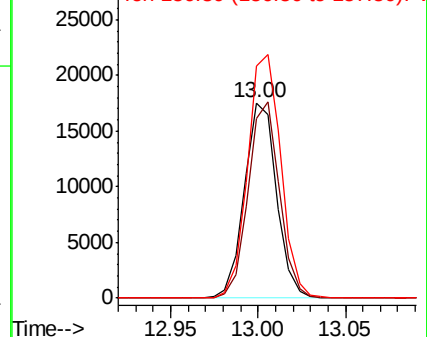
157 128.5 62.6 187.8

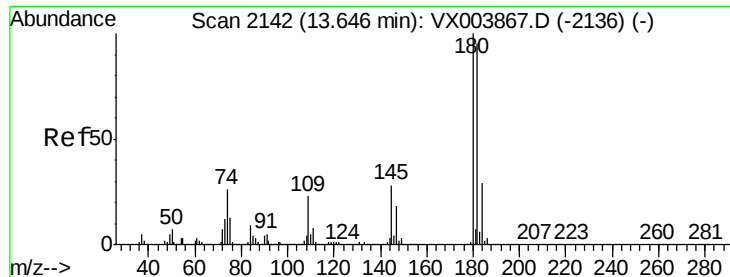


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

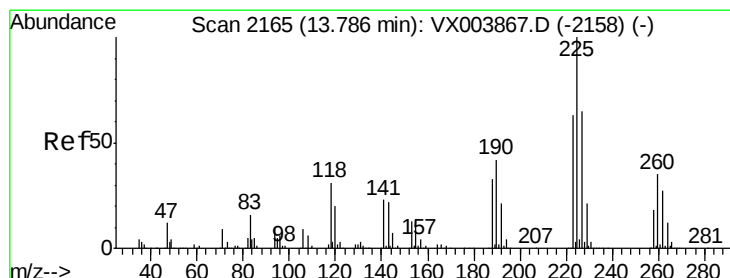
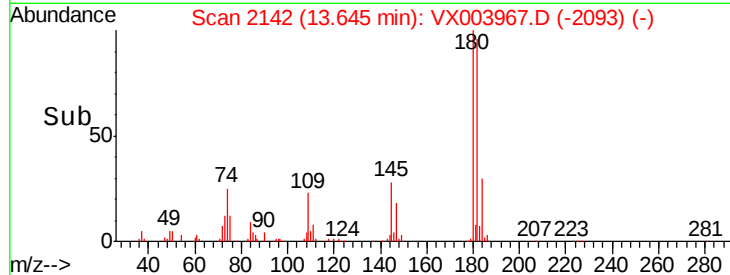
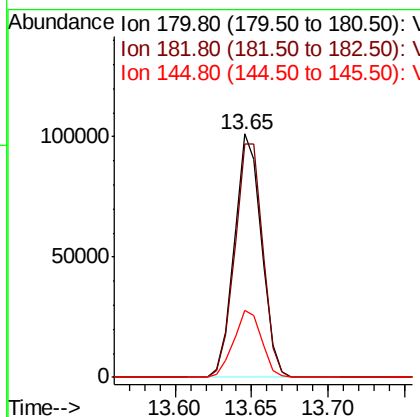
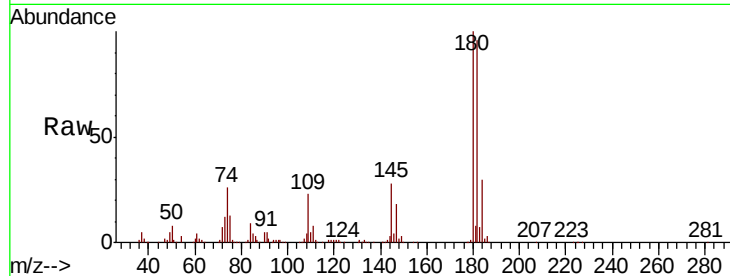




#93
 1,2,4-Trichlorobenzene
 Concen: 17.98 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX003967.D
 Acq: 10 Aug 2018 10:58

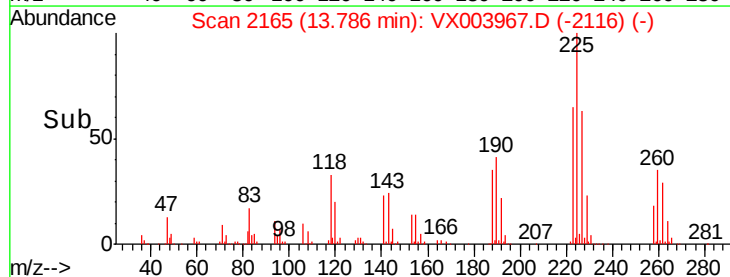
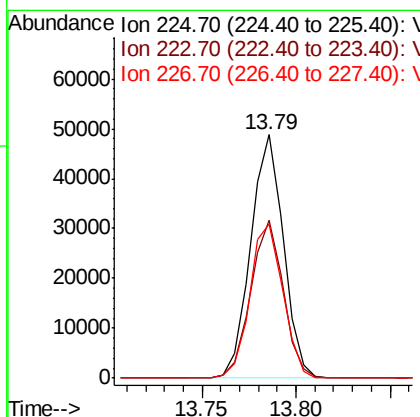
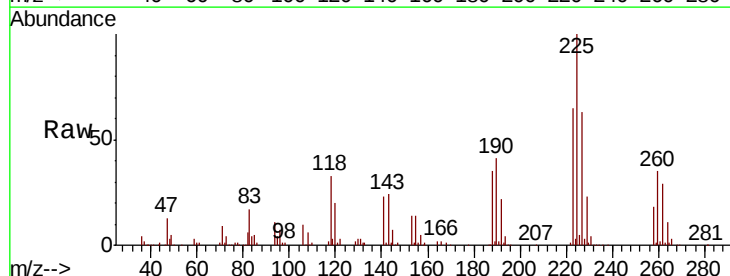
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0810WBS01

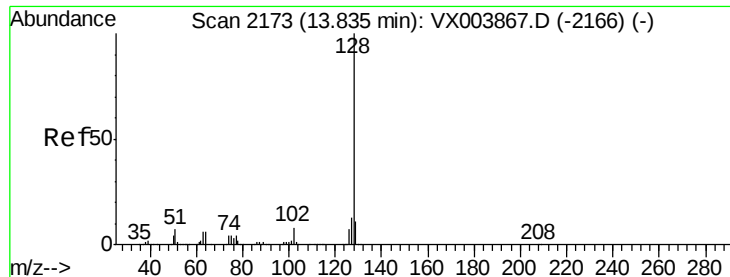
Tot Ion	Ratio	Lower	Upper
180	100		
182	99.0	47.7	143.1
145	28.3	13.9	41.6



#94
 Hexachlorobutadiene
 Concen: 19.54 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003967.D
 Acq: 10 Aug 2018 10:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	31.4	94.0
227	64.3	32.1	96.5





#95

Naphthalene

Concen: 18.54 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX003967.D

Acq: 10 Aug 2018 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0810WBS01

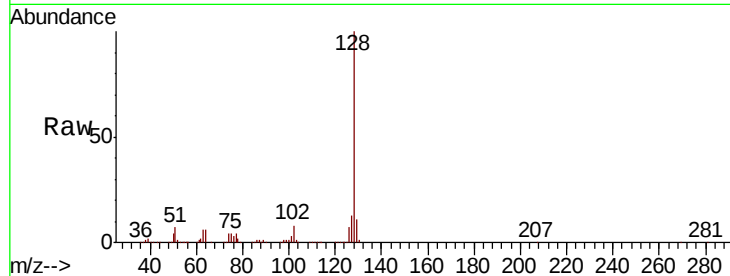
Tot Ion:128 Resp: 366381

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 11.1 8.8 13.2



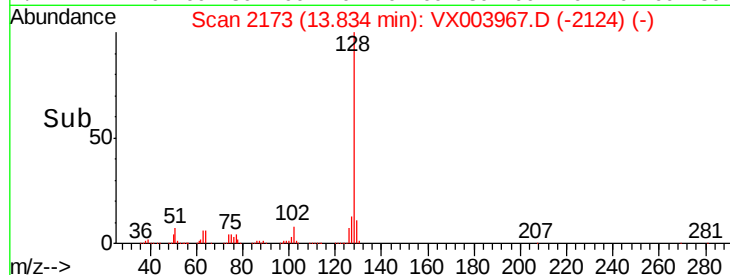
Abundance

Ion 128.00 (127.70 to 128.70): V

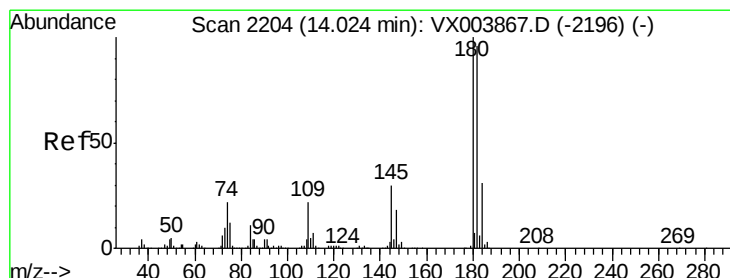
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

13.83



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 19.32 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX003967.D

Acq: 10 Aug 2018 10:58

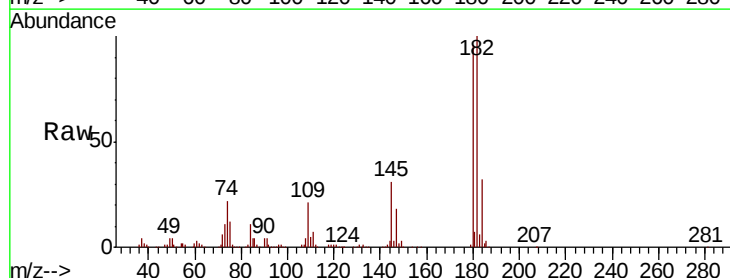
Tgt Ion:180 Resp: 133072

Ion Ratio Lower Upper

180 100

182 98.8 48.1 144.4

145 29.7 14.9 44.7



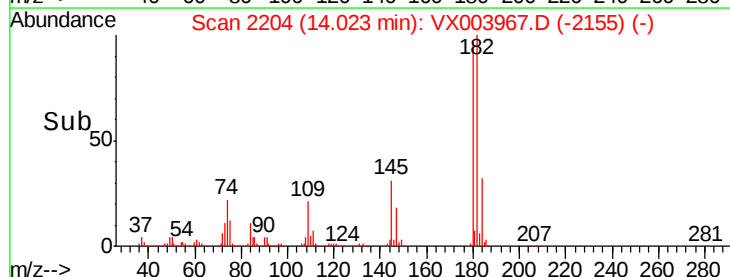
Abundance

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

14.02



Time-->