

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080918\
 Data File : VX003942.D
 Acq On : 09 Aug 2018 11:31
 Operator : JC/MD
 Sample : VX0809WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS01

Quant Time: Aug 10 01:00:23 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	420842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	597234	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	545297	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	334694	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	265363	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
35) Dibromofluoromethane	5.50	113	220498	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
50) Toluene-d8	8.71	98	852564	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
62) 4-Bromofluorobenzene	11.14	95	318585	55.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.92%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	77492	18.17	ug/l	98
3) Chloromethane	1.32	50	88378	15.23	ug/l	99
4) Vinyl Chloride	1.40	62	98198	16.97	ug/l	100
5) Bromomethane	1.64	94	54175	14.77	ug/l	98
6) Chloroethane	1.72	64	72140	19.49	ug/l	98
7) Trichlorofluoromethane	1.93	101	137921	18.05	ug/l	98
8) Diethyl Ether	2.19	74	62239	18.12	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	86999	18.22	ug/l	99
10) Methyl Iodide	2.51	142	68360	11.51	ug/l	99
11) Tert butyl alcohol	3.07	59	115576	86.22	ug/l	100
12) 1,1-Dichloroethene	2.37	96	80053	17.72	ug/l	98
13) Acrolein	2.29	56	58343	80.07	ug/l	98
14) Allyl chloride	2.73	41	151343	17.38	ug/l	98
15) Acrylonitrile	3.15	53	267668	83.68	ug/l	100
16) Acetone	2.45	43	294527	88.74	ug/l	99
17) Carbon Disulfide	2.57	76	217206	17.26	ug/l	99
18) Methyl Acetate	2.78	43	125500	17.37	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	290774	18.17	ug/l	99
20) Methylene Chloride	2.86	84	95717	17.10	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	88943	17.34	ug/l	96
22) Diisopropyl ether	3.87	45	281897	17.61	ug/l	99
23) Vinyl Acetate	3.82	43	1159728	87.08	ug/l	98
24) 1,1-Dichloroethane	3.70	63	164184	17.27	ug/l	99
25) 2-Butanone	4.70	43	435013	87.18	ug/l	99
26) 2,2-Dichloropropane	4.58	77	131568	19.19	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	100917	18.14	ug/l	99
28) Bromochloromethane	5.02	49	82832	20.36	ug/l	98
29) Tetrahydrofuran	5.16	42	215899	84.18	ug/l	99
30) Chloroform	5.21	83	163597	18.28	ug/l	98
31) Cyclohexane	5.57	56	141818	17.64	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	137139	18.27	ug/l	99
36) 1,1-Dichloropropene	5.80	75	123366	18.44	ug/l	99
37) Ethyl Acetate	4.86	43	130856	17.78	ug/l	99
38) Carbon Tetrachloride	5.78	117	120340	18.90	ug/l	96

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 Data File : VX003942.D
 Acq On : 09 Aug 2018 11:31
 Operator : JC/MD
 Sample : VX0809WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS01

Quant Time: Aug 10 01:00:23 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	146632	18.59	ug/l	99
40) Benzene	6.14	78	378249	18.83	ug/l	100
41) Methacrylonitrile	5.06	41	72592	17.91	ug/l	99
42) 1,2-Dichloroethane	6.20	62	128127	18.87	ug/l	100
43) Isopropyl Acetate	6.46	43	200387	18.10	ug/l	99
44) Trichloroethene	7.21	130	101837	18.54	ug/l	98
45) 1,2-Dichloropropane	7.52	63	94545	18.23	ug/l	99
46) Dibromomethane	7.67	93	61418	18.24	ug/l	99
47) Bromodichloromethane	7.90	83	117872	18.58	ug/l	99
48) Methyl methacrylate	7.78	41	101645	18.06	ug/l	98
49) 1,4-Dioxane	7.76	88	49328	372.02	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	836317	91.12	ug/l	99
52) Toluene	8.79	92	242353	19.10	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	130336	18.18	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	146672	18.97	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	95684	18.45	ug/l	99
56) Ethyl methacrylate	9.18	69	138620	18.42	ug/l	99
57) 1,3-Dichloropropane	9.37	76	161497	18.61	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	369853	99.96	ug/l	100
59) 2-Hexanone	9.49	43	645460	94.08	ug/l	99
60) Dibromochloromethane	9.59	129	93777	19.39	ug/l	99
61) 1,2-Dibromoethane	9.67	107	99352	19.13	ug/l	98
64) Tetrachloroethene	9.34	164	94962	17.70	ug/l	96
65) Chlorobenzene	10.14	112	263578	18.58	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	91948	18.85	ug/l	99
67) Ethyl Benzene	10.25	91	450421	19.39	ug/l	97
68) m/p-Xylenes	10.36	106	356257	39.25	ug/l	96
69) o-Xylene	10.70	106	169836	19.82	ug/l	95
70) Styrene	10.71	104	280431	19.99	ug/l	97
71) Bromoform	10.86	173	69835	18.81	ug/l	98
73) Isopropylbenzene	11.02	105	460149	18.59	ug/l	97
74) N-amyl acetate	6.46	43	200387	15.56	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	147082	17.33	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	163826	22.16	ug/l	85
77) Bromobenzene	11.26	156	118939	18.01	ug/l	99
78) n-propylbenzene	11.36	91	525918	18.92	ug/l	99
79) 2-Chlorotoluene	11.42	91	312398	18.43	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	373200	18.49	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	41278	16.73	ug/l	98
82) 4-Chlorotoluene	11.51	91	363127	18.28	ug/l	100
83) tert-Butylbenzene	11.77	119	375511	18.91	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	396919	19.55	ug/l	100
85) sec-Butylbenzene	11.95	105	443252	18.91	ug/l	98
86) p-Isopropyltoluene	12.07	119	408411	19.42	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	220901	18.09	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	229430	19.43	ug/l	99
89) n-Butylbenzene	12.39	91	329273	17.97	ug/l	98
90) Hexachloroethane	12.60	117	54833	16.06	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	207151	17.12	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	26015	14.96	ug/l	99

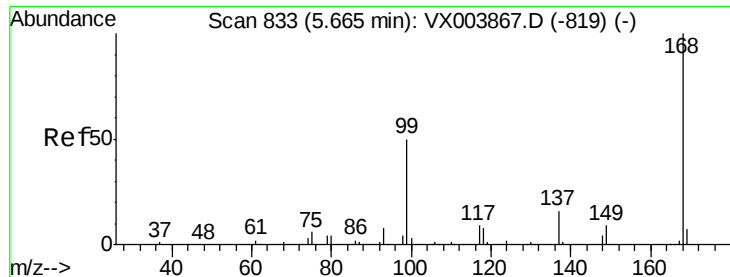
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080918\
Data File : VX003942.D
Acq On : 09 Aug 2018 11:31
Operator : JC/MD
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Quant Time: Aug 10 01:00:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	147914	16.99	ug/l	98
94) Hexachlorobutadiene	13.79	225	72826	19.23	ug/l	97
95) Naphthalene	13.83	128	460534	18.47	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	162378	18.69	ug/l	99

(#) = 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: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

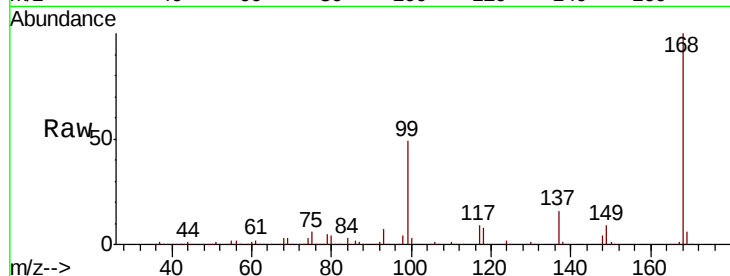
VX0809WBS01

Tot Ion:168 Resp: 420842

Ion Ratio Lower Upper

168 100

99 49.1 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

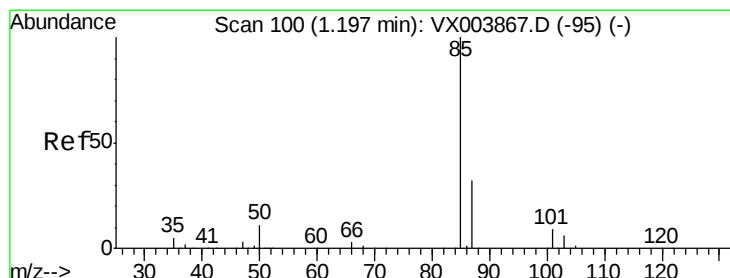
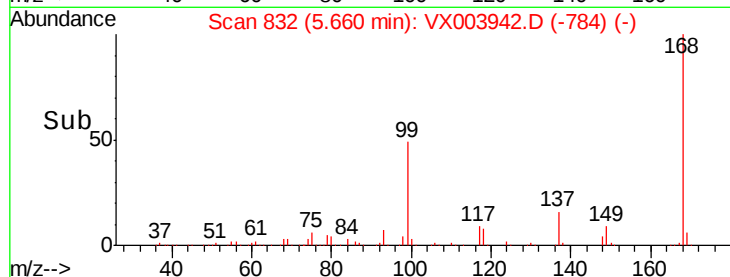
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.17 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003942.D

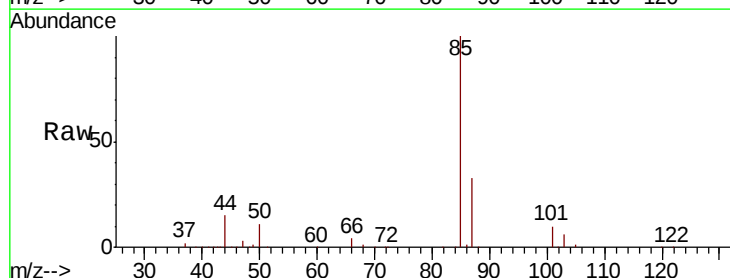
Acq: 09 Aug 2018 11:31

Tgt Ion: 85 Resp: 77492

Ion Ratio Lower Upper

85 100

87 33.2 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

80000

60000

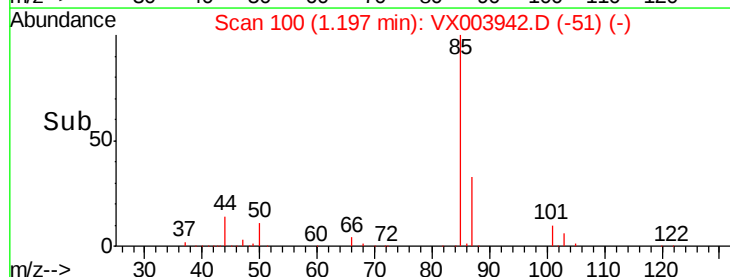
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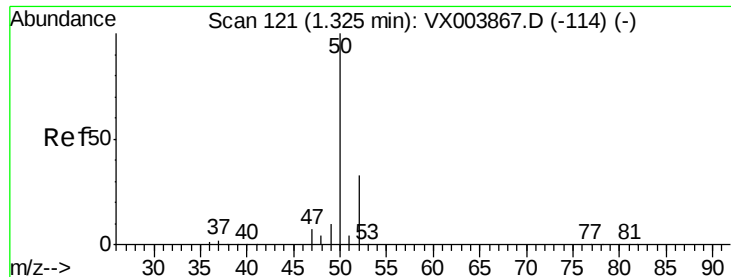
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 15.23 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

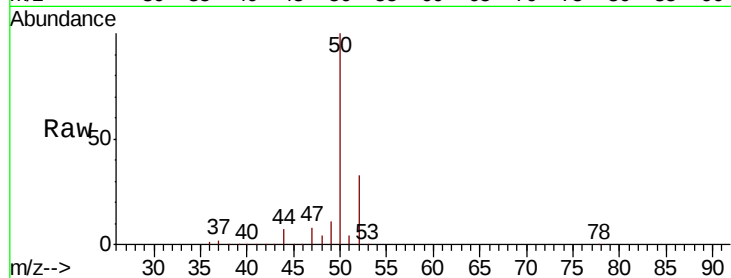
VX0809WBS01

Tot Ion: 50 Resp: 88378

Ion Ratio Lower Upper

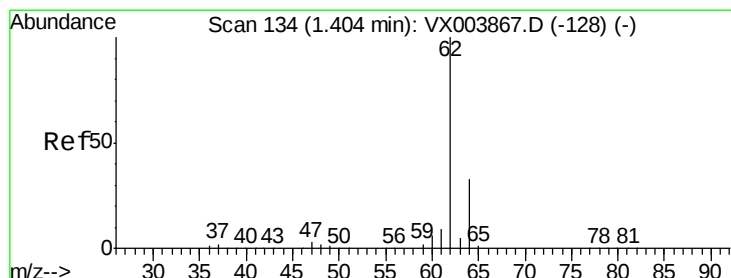
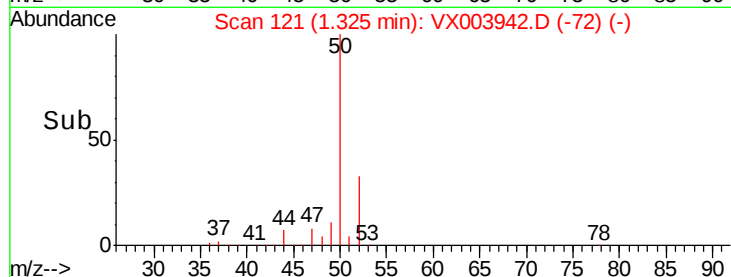
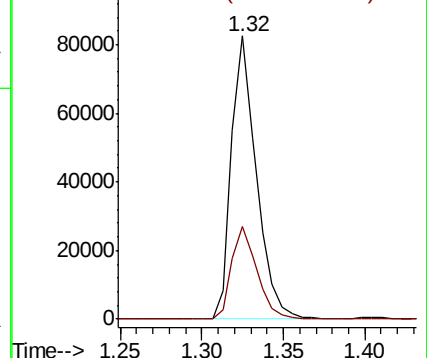
50 100

52 32.7 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: 16.97 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003942.D

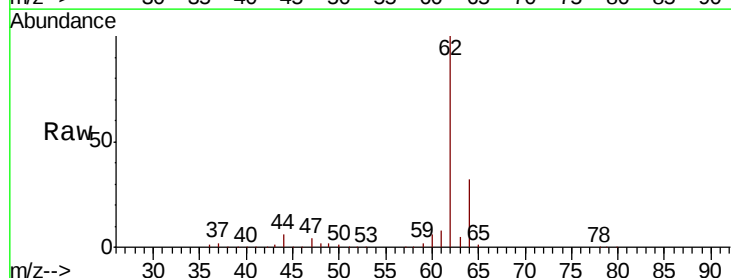
Acq: 09 Aug 2018 11:31

Tgt Ion: 62 Resp: 98198

Ion Ratio Lower Upper

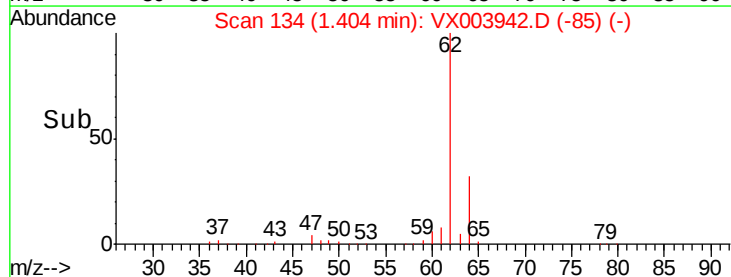
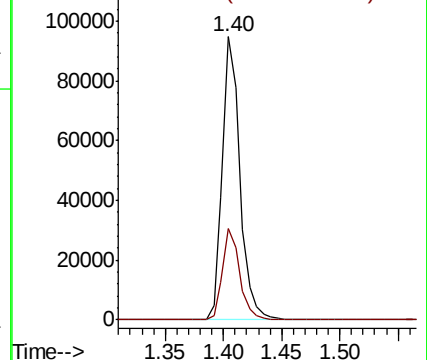
62 100

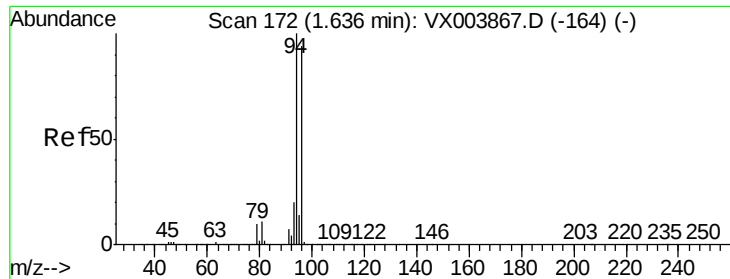
64 32.4 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 14.77 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

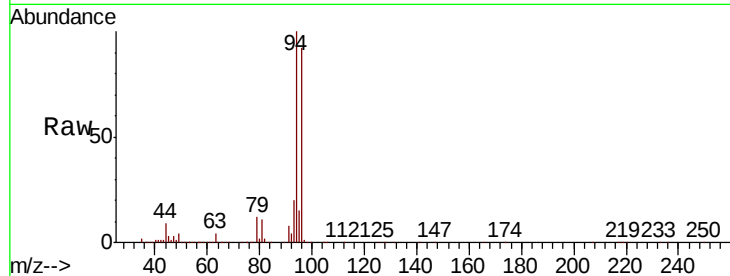
VX0809WBS01

Tot Ion: 94 Resp: 54175

Ion Ratio Lower Upper

94 100

96 92.0 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

60000

50000

40000

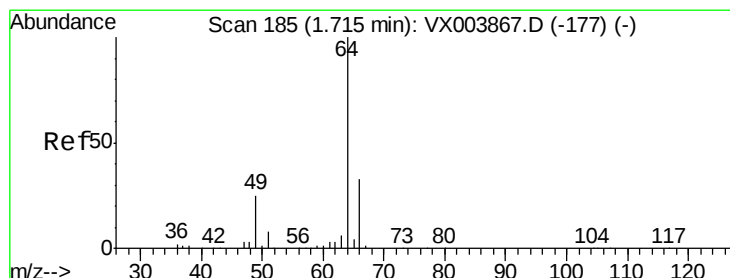
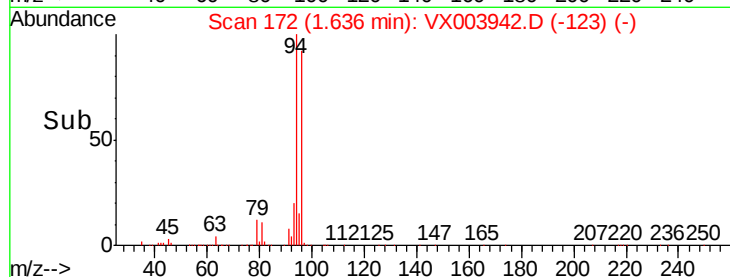
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 19.49 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003942.D

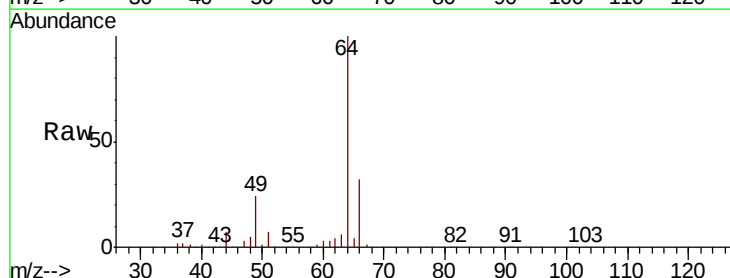
Acq: 09 Aug 2018 11:31

Tgt Ion: 64 Resp: 72140

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

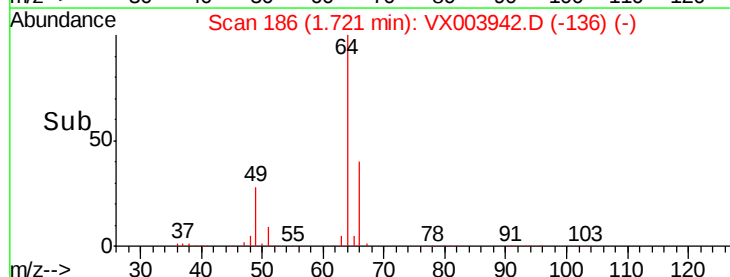
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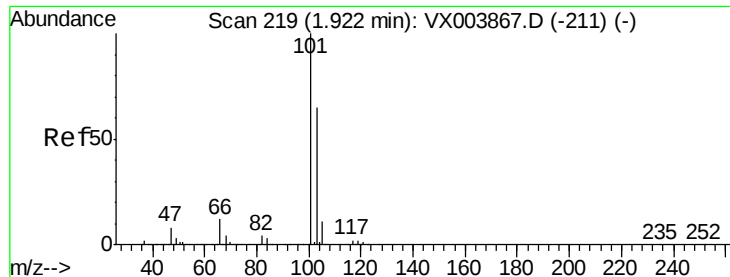
20000

10000

0

Time-->



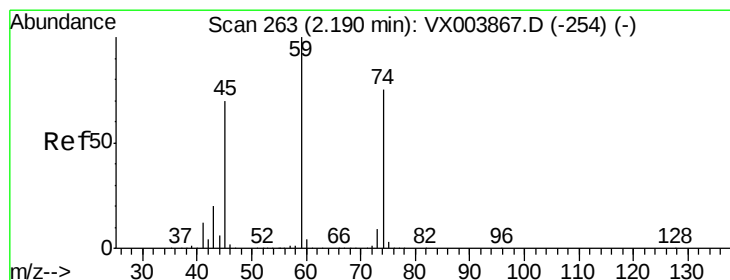
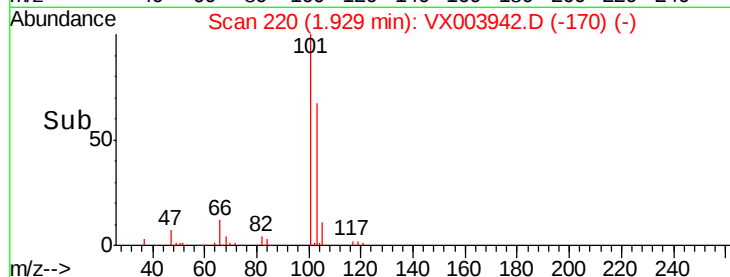
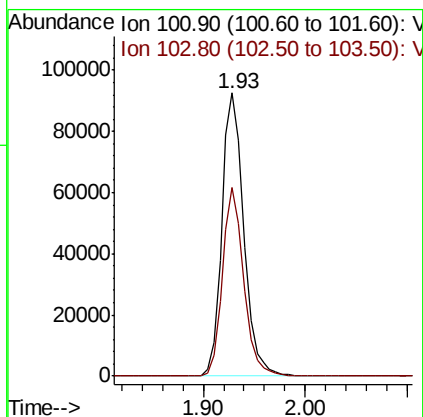
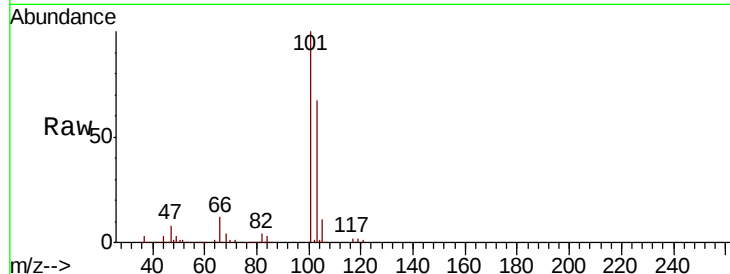


#7

Trichlorofluoromethane
 Concen: 18.05 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS01

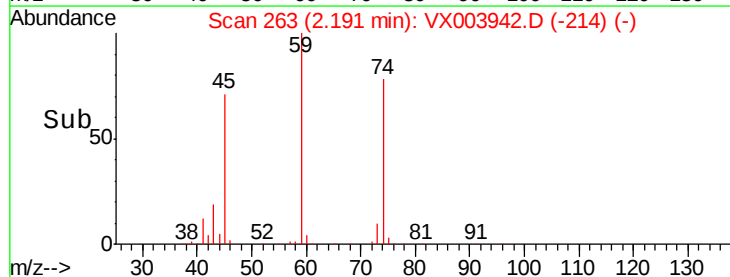
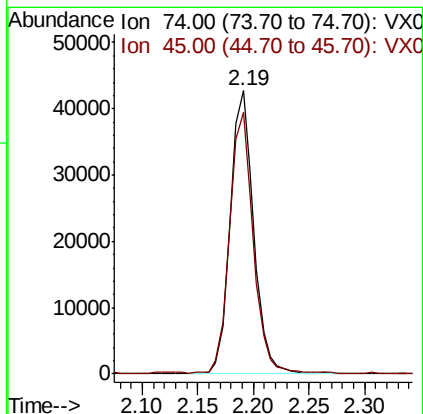
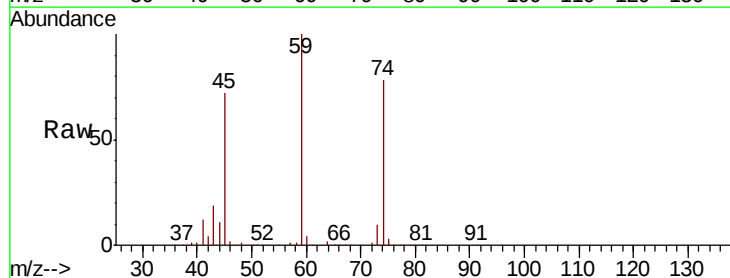
Tot Ion:101 Resp: 137921
 Ion Ratio Lower Upper
 101 100
 103 66.8 52.3 78.5

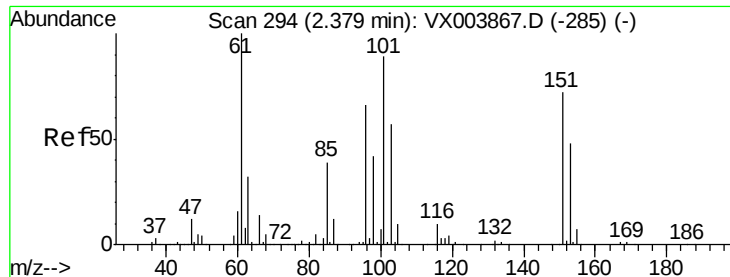


#8

Diethyl Ether
 Concen: 18.12 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

Tgt Ion: 74 Resp: 62239
 Ion Ratio Lower Upper
 74 100
 45 92.3 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.22 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBS01

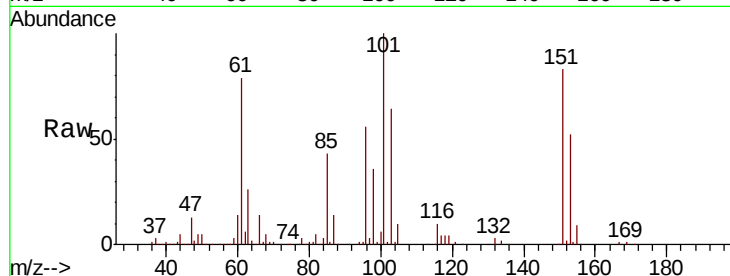
Tot Ion:101 Resp: 86999

Ion Ratio Lower Upper

101 100

85 43.1 34.2 51.4

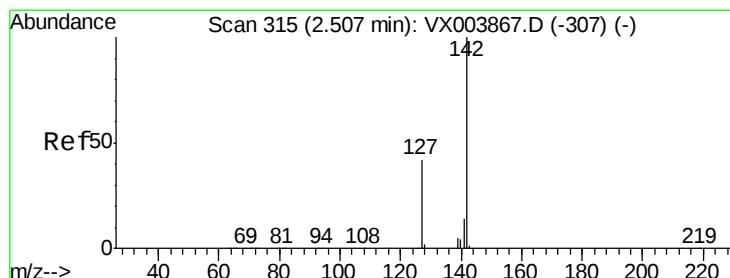
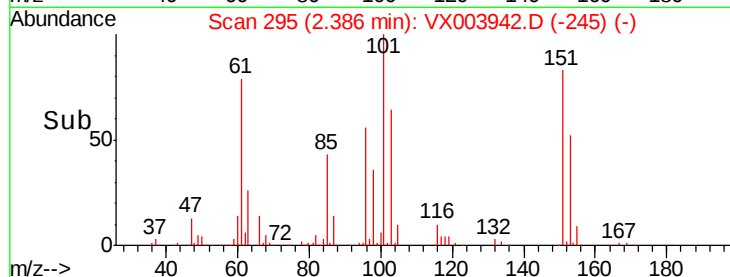
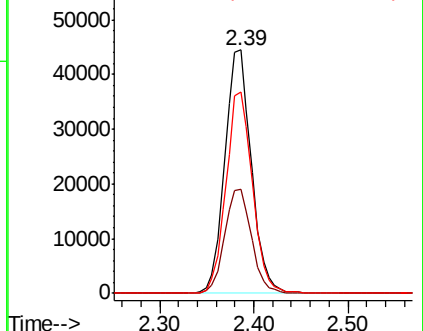
151 82.7 65.0 97.4



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: 11.51 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

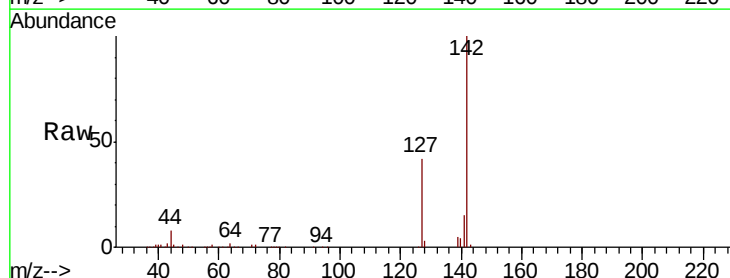
Tgt Ion:142 Resp: 68360

Ion Ratio Lower Upper

142 100

127 41.1 33.1 49.7

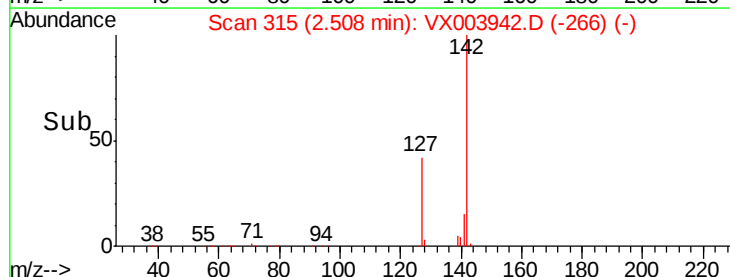
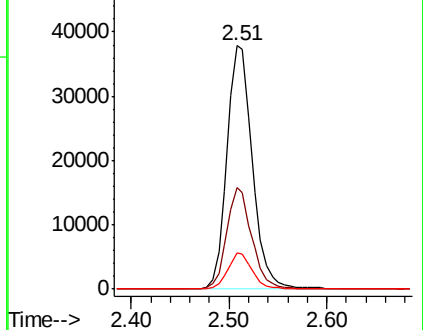
141 14.2 11.1 16.7

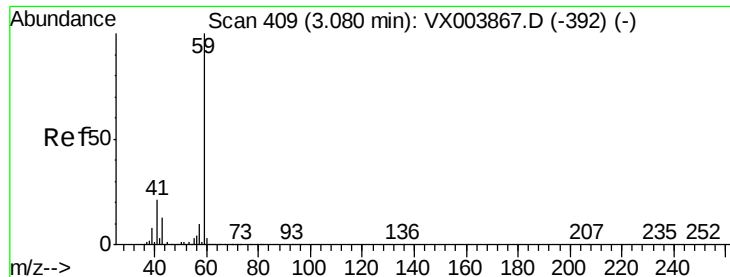


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 86.22 ug/l

RT: 3.07 min Scan# 407

Delta R.T. -0.01 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

ClientSampled :

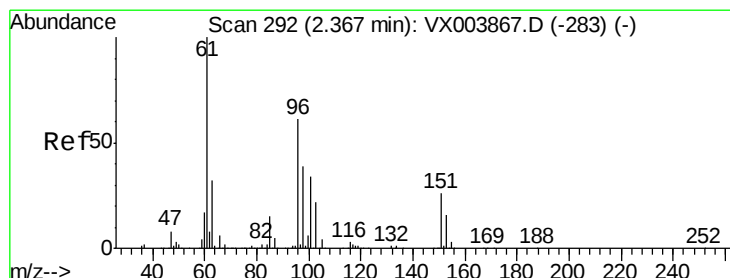
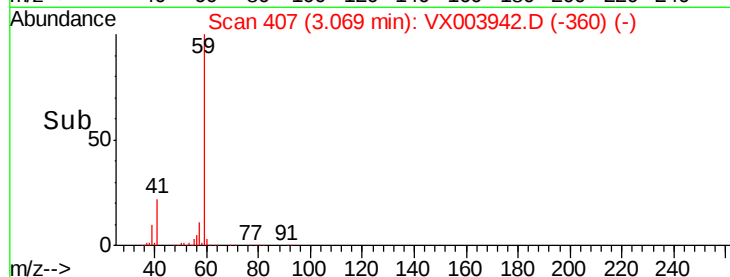
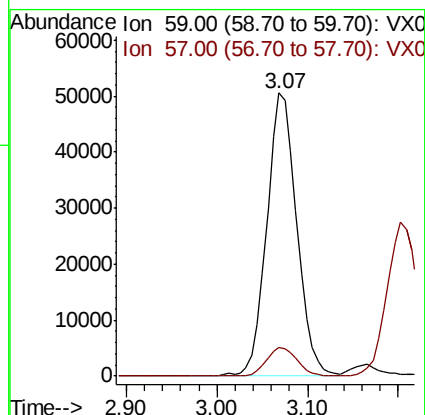
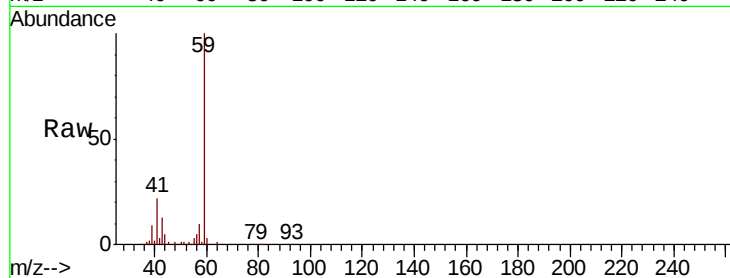
VX0809WBS01

Tot Ion: 59 Resp: 115576

Ion Ratio Lower Upper

59 100

57 10.3 8.1 12.1



#12

1,1-Dichloroethene

Concen: 17.72 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.01 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

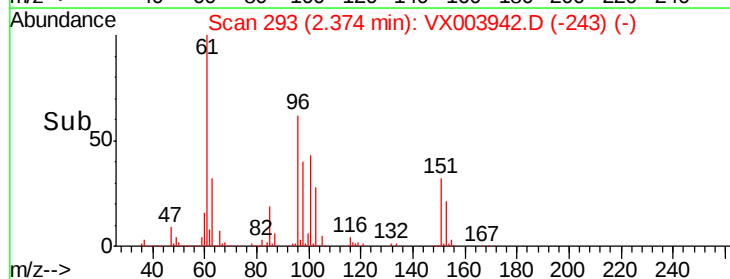
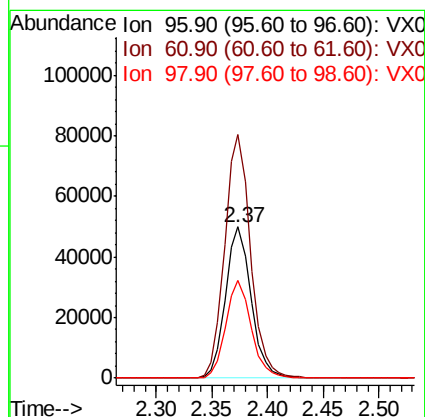
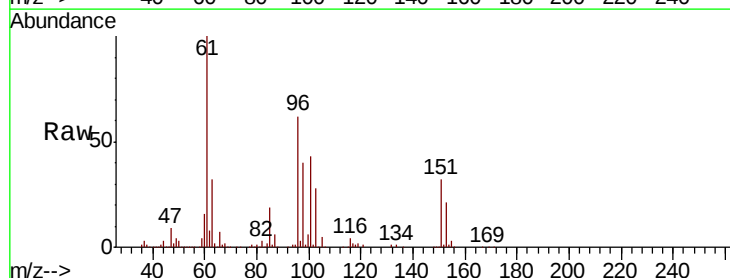
Tgt Ion: 96 Resp: 80053

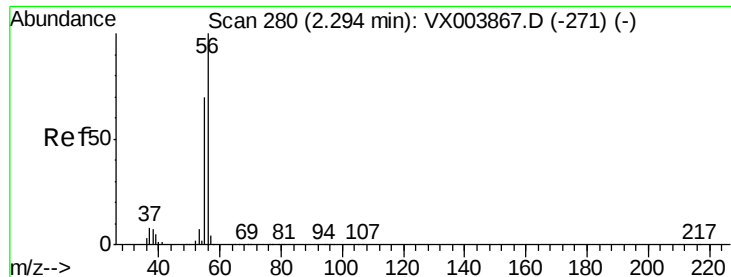
Ion Ratio Lower Upper

96 100

61 161.1 131.3 196.9

98 64.5 51.8 77.6





#13

Acrolein

Concen: 80.07 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

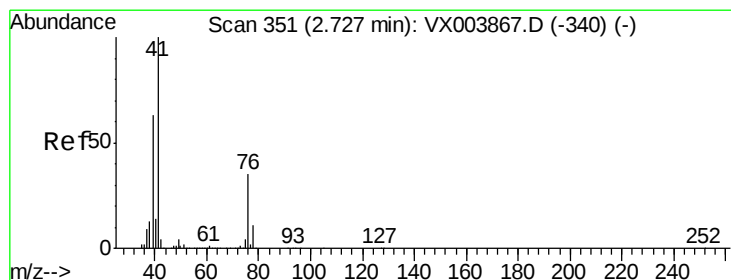
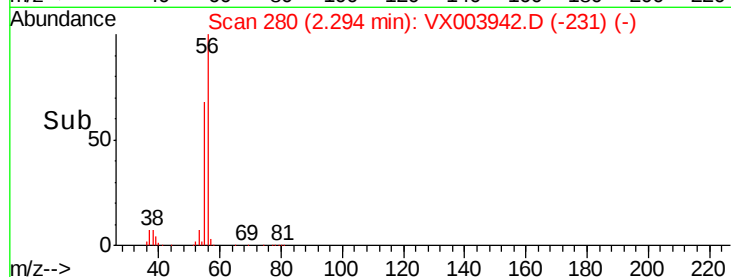
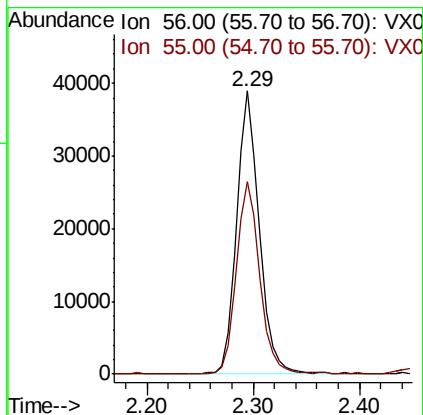
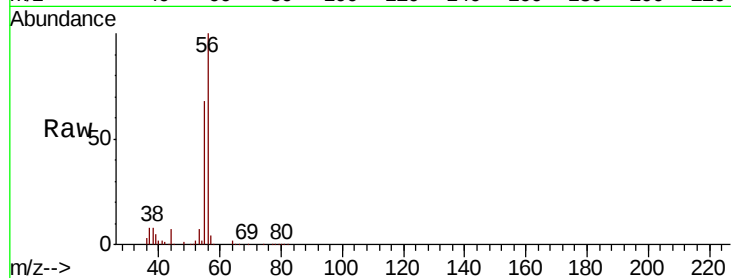
VX0809WBS01

Tot Ion: 56 Resp: 58343

Ion Ratio Lower Upper

56 100

55 68.7 56.1 84.1



#14

Allyl chloride

Concen: 17.38 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

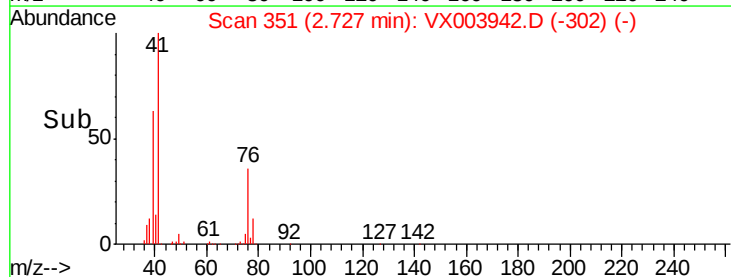
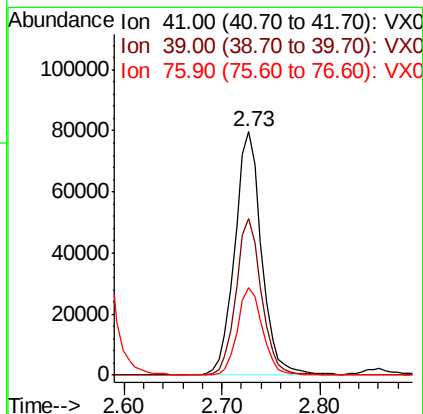
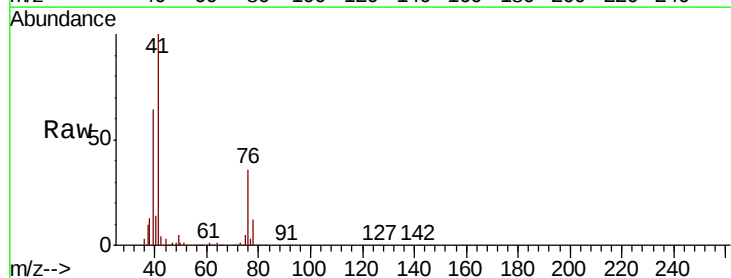
Tgt Ion: 41 Resp: 151343

Ion Ratio Lower Upper

41 100

39 61.1 47.4 71.0

76 33.7 26.0 39.0





#15

Acrylonitrile

Concen: 83.68 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

ClientSampled :

VX0809WBS01

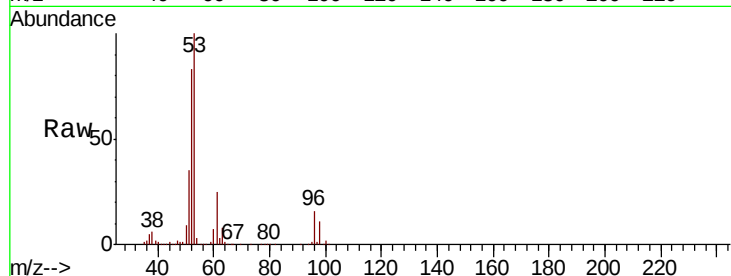
Tot Ion: 53 Resp: 267668

Ion Ratio Lower Upper

53 100

52 81.8 65.3 97.9

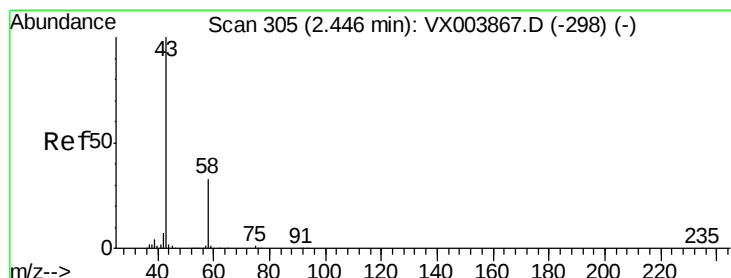
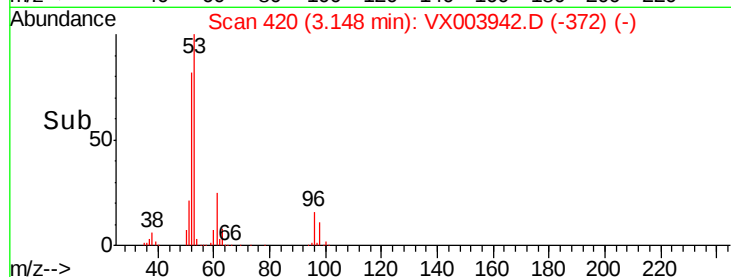
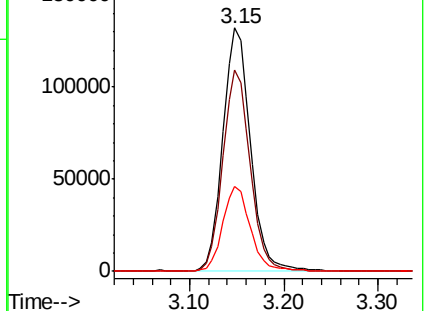
51 35.0 27.9 41.9



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: 88.74 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003942.D

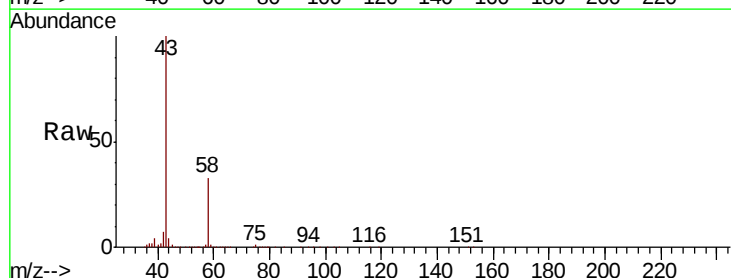
Acq: 09 Aug 2018 11:31

Tgt Ion: 43 Resp: 294527

Ion Ratio Lower Upper

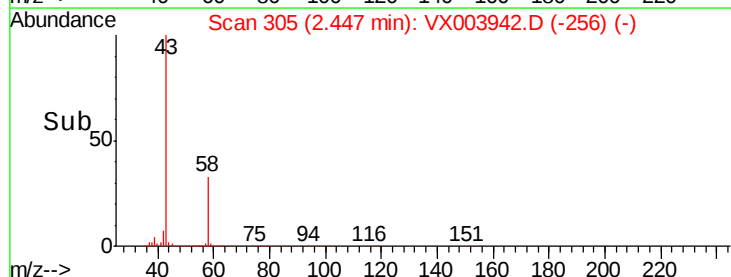
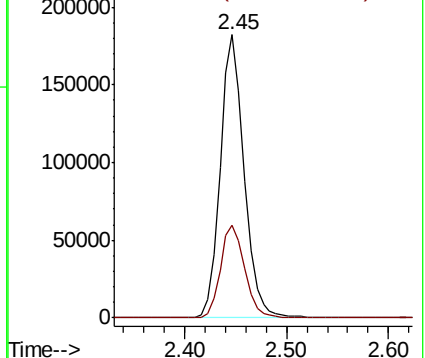
43 100

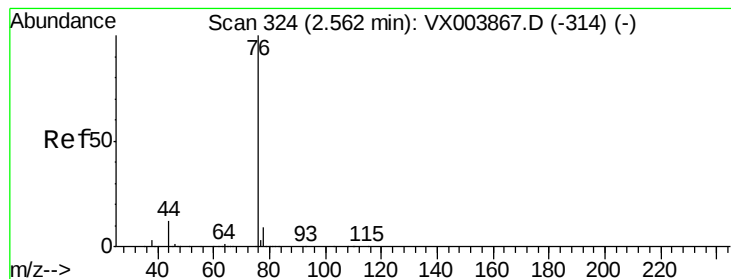
58 32.6 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.26 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

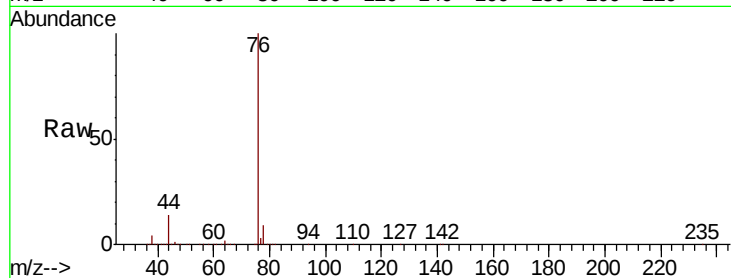
VX0809WBS01

Tot Ion: 76 Resp: 217206

Ion Ratio Lower Upper

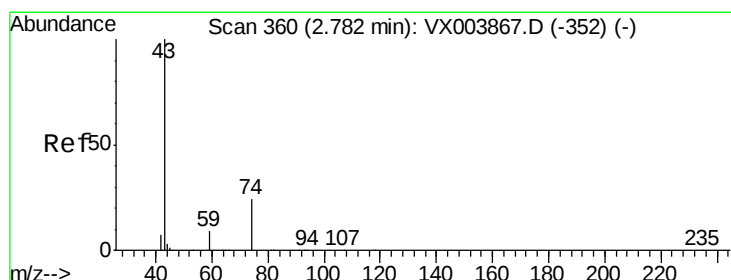
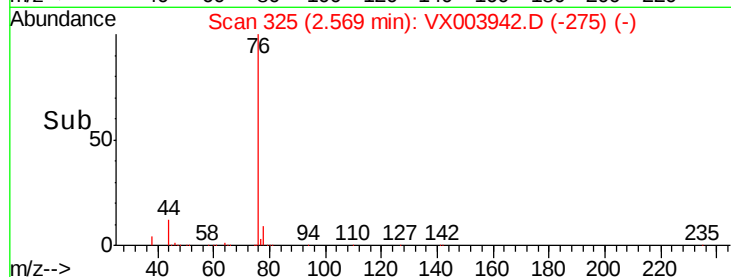
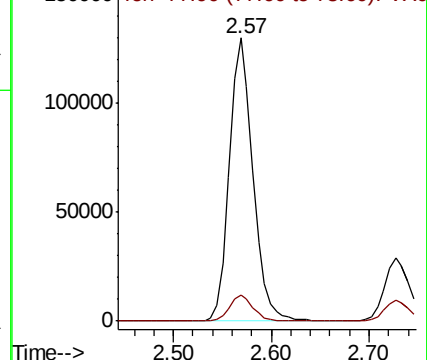
76 100

78 9.1 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 17.37 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX003942.D

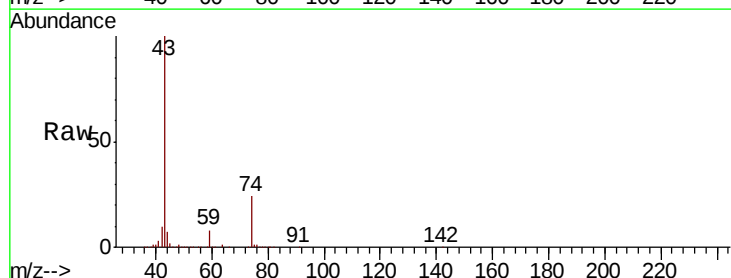
Acq: 09 Aug 2018 11:31

Tgt Ion: 43 Resp: 125500

Ion Ratio Lower Upper

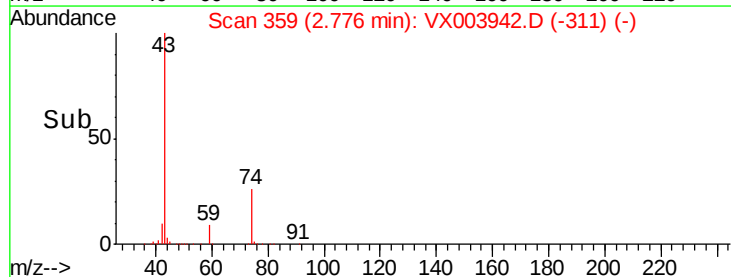
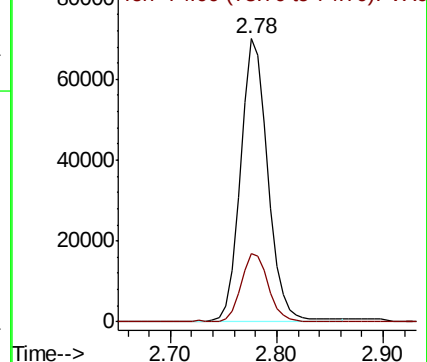
43 100

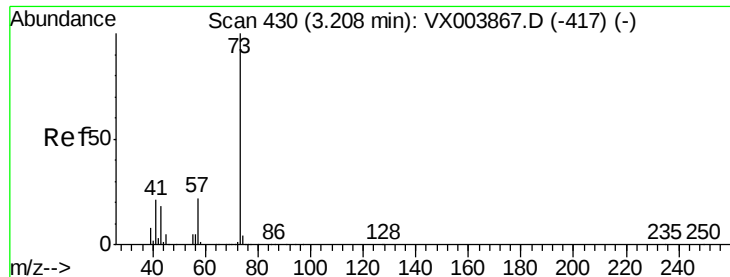
74 24.6 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



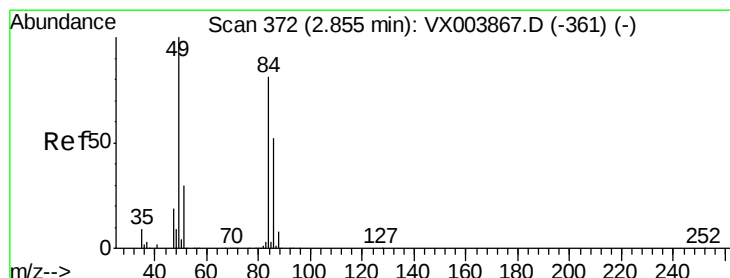
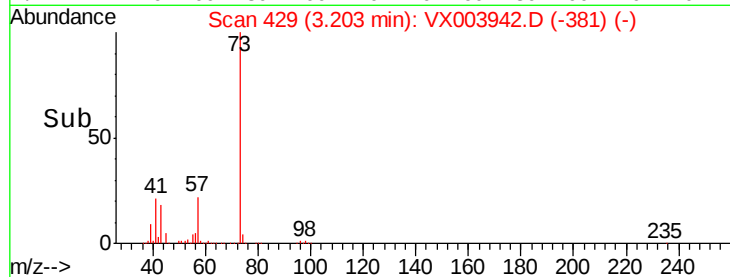
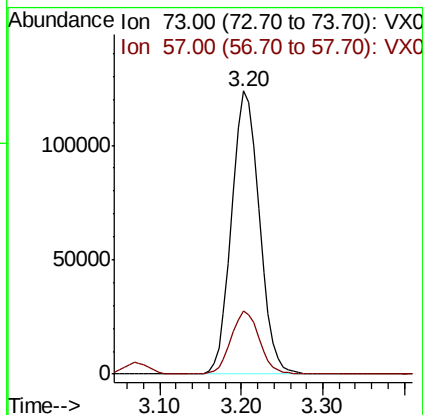
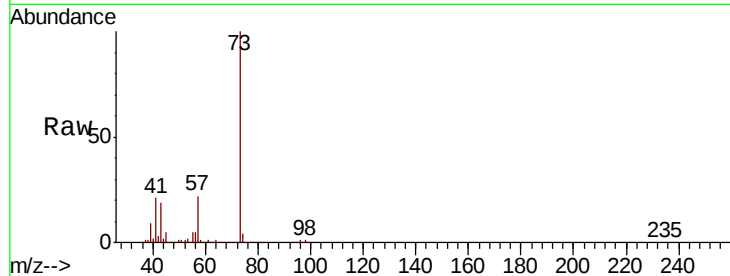


#19

Methyl tert-butyl Ether
 Concen: 18.17 ug/l
 RT: 3.20 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

Instrument :
 MSVOA_X
 ClientSampled :
 VX0809WBS01

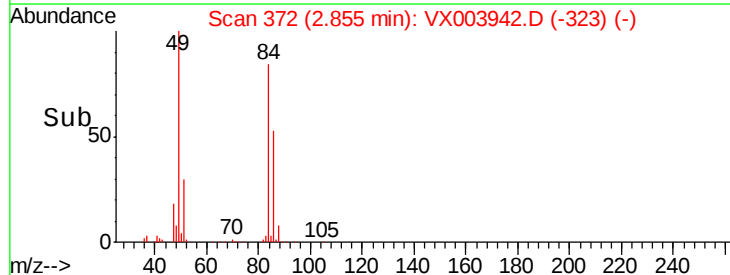
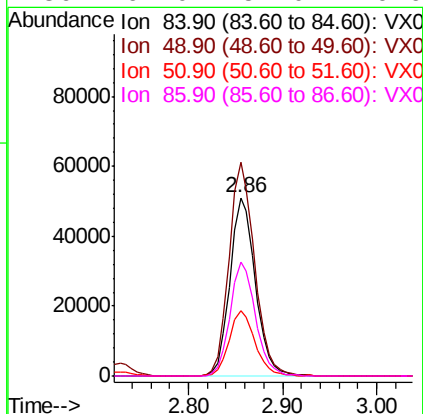
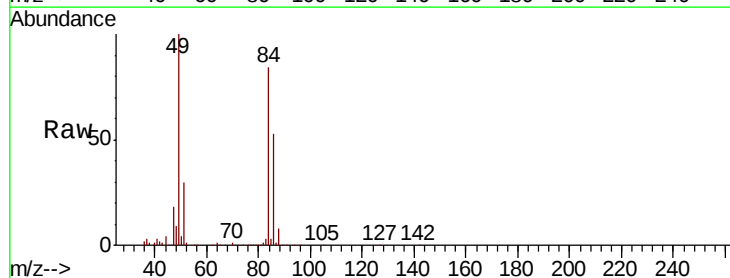
Tot Ion: 73 Resp: 290774
 Ion Ratio Lower Upper
 73 100
 57 22.2 18.0 27.0

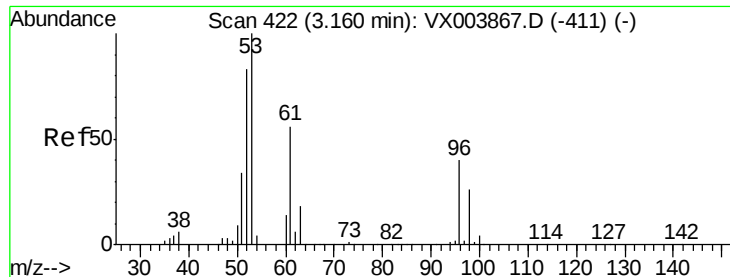


#20

Methylene Chloride
 Concen: 17.10 ug/l
 RT: 2.86 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

Tgt Ion: 84 Resp: 95717
 Ion Ratio Lower Upper
 84 100
 49 119.7 98.9 148.3
 51 36.3 29.9 44.9
 86 64.0 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 17.34 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBS01

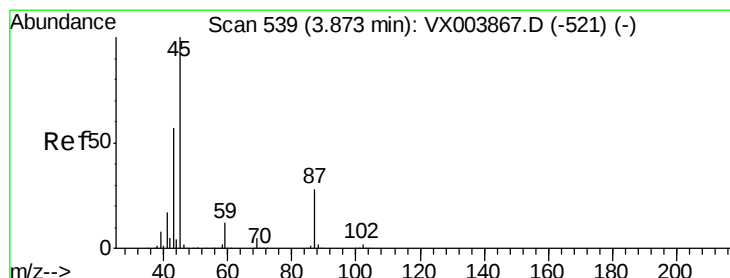
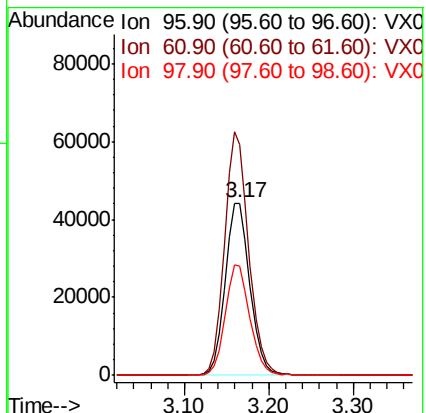
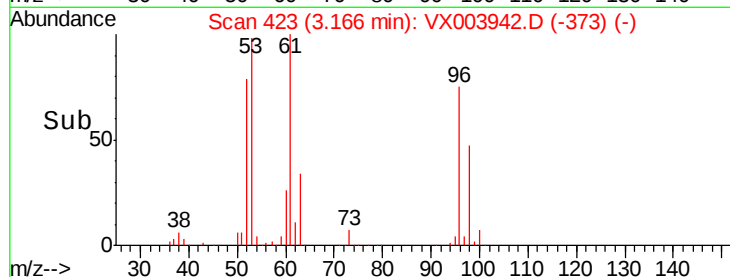
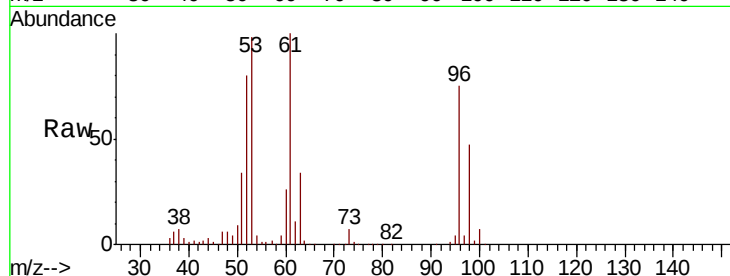
Tot Ion: 96 Resp: 88943

Ion Ratio Lower Upper

96 100

61 133.9 111.8 167.6

98 63.3 51.8 77.6



#22

Diisopropyl ether

Concen: 17.61 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Tgt Ion: 45 Resp: 281897

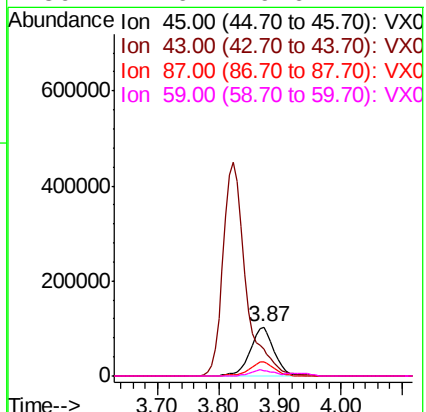
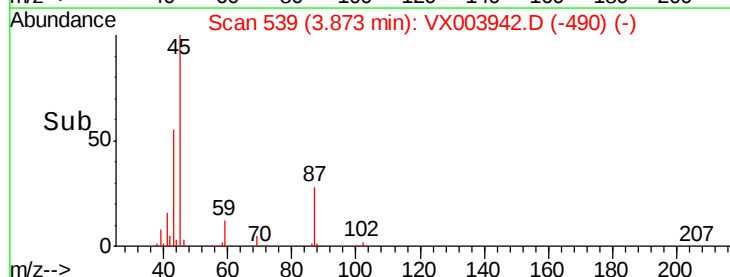
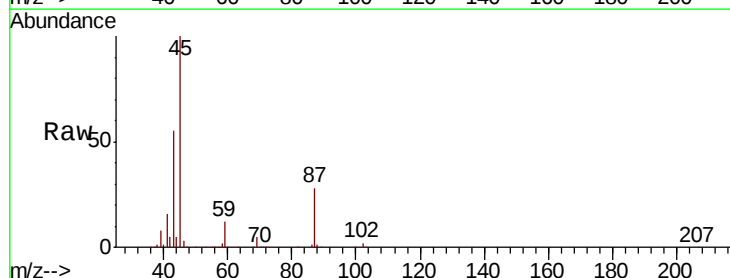
Ion Ratio Lower Upper

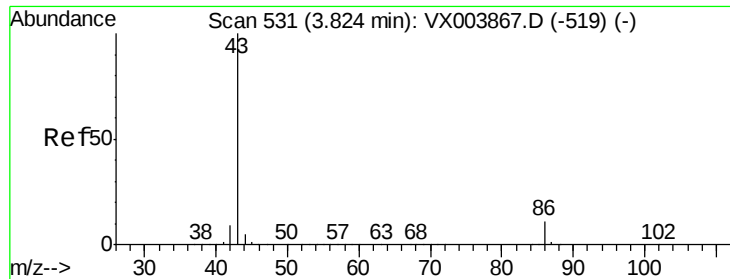
45 100

43 55.1 45.3 67.9

87 28.3 22.7 34.1

59 11.6 9.6 14.4

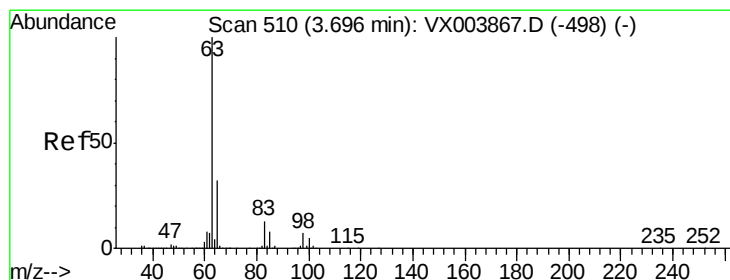
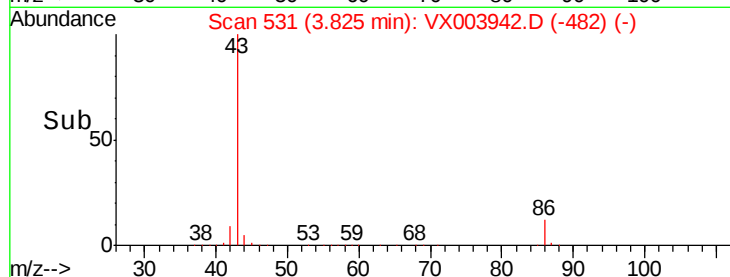
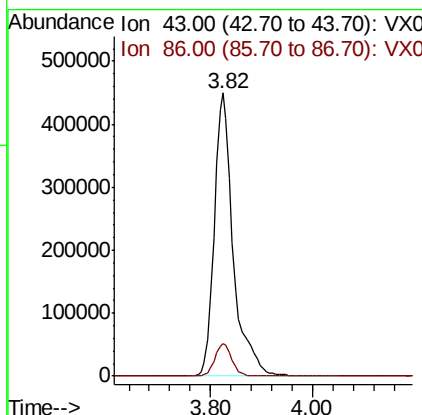
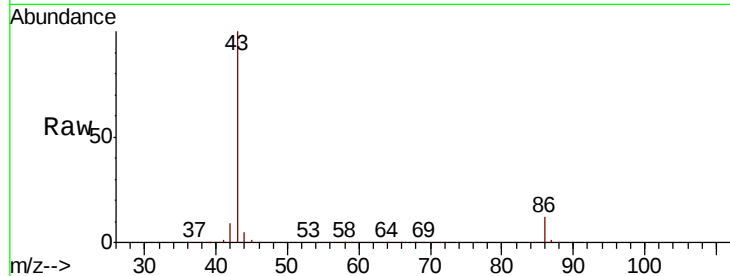




#23
 Vinyl Acetate
 Concen: 87.08 ug/l
 RT: 3.82 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

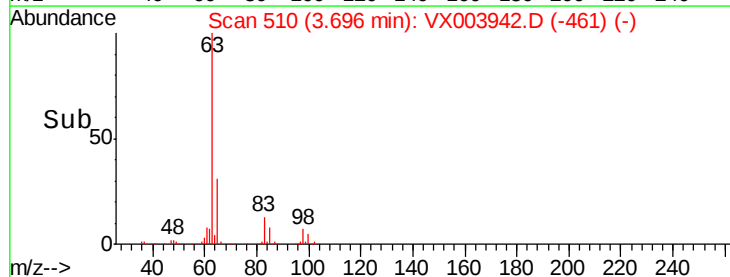
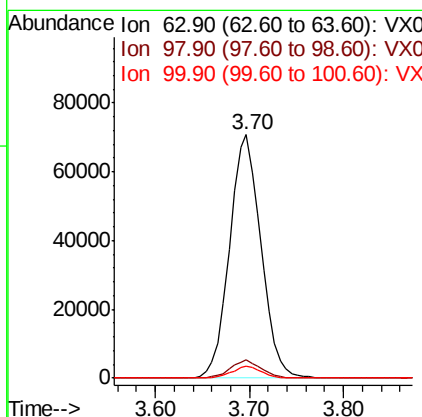
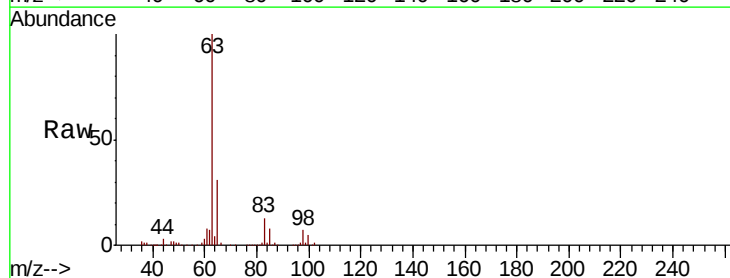
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS01

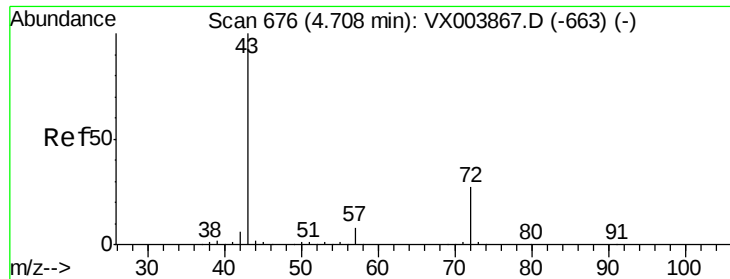
Tot Ion: 43 Resp: 1159728
 Ion Ratio Lower Upper
 43 100
 86 11.7 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 17.27 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

Tgt Ion: 63 Resp: 164184
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.5
 100 4.8 2.3 6.8





#25

2-Butanone

Concen: 87.18 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

ClientSampled :

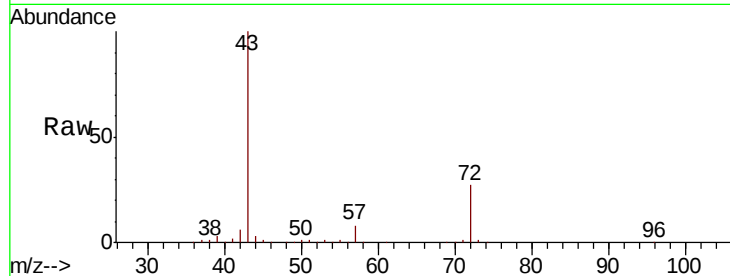
VX0809WBS01

Tot Ion: 43 Resp: 435013

Ion Ratio Lower Upper

43 100

72 27.0 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

150000

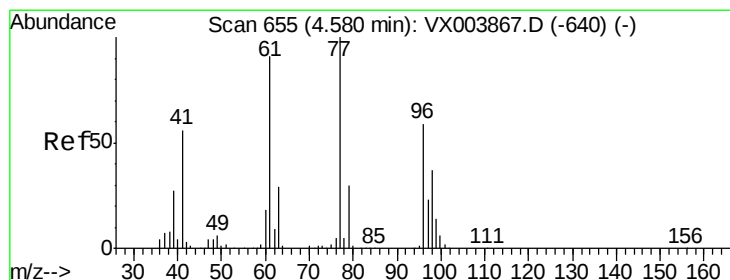
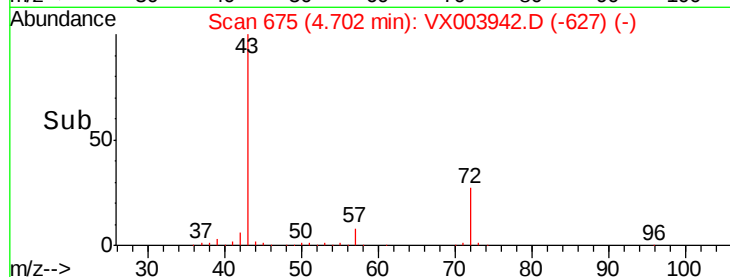
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 19.19 ug/l

RT: 4.58 min Scan# 655

Delta R.T. 0.00 min

Lab File: VX003942.D

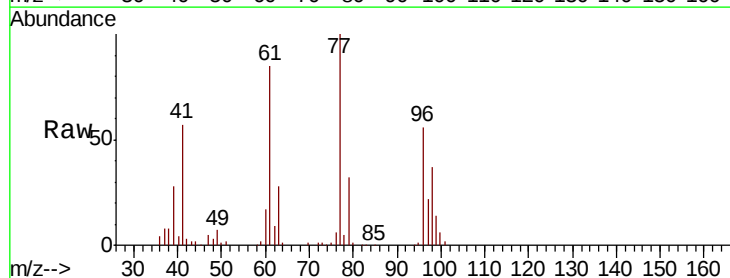
Acq: 09 Aug 2018 11:31

Tgt Ion: 77 Resp: 131568

Ion Ratio Lower Upper

77 100

97 23.1 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

50000

40000

30000

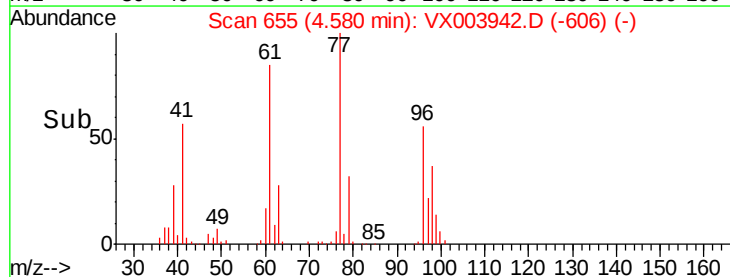
20000

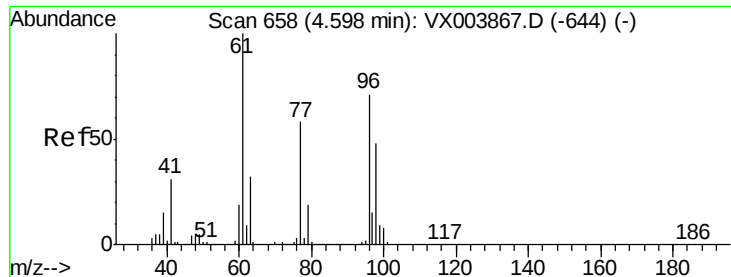
10000

0

4.40 4.50 4.60 4.70

Time-->



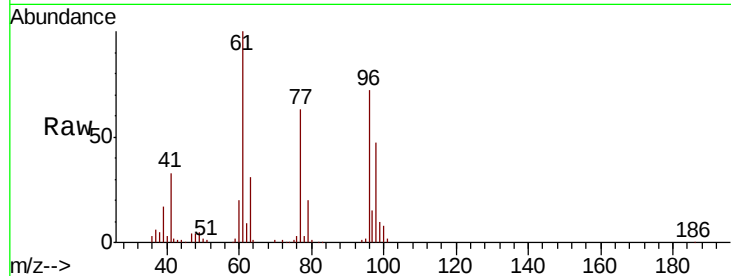


#27

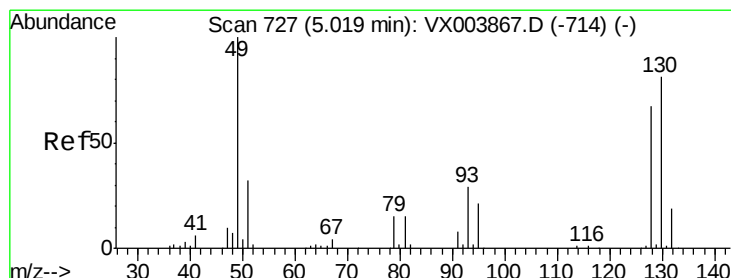
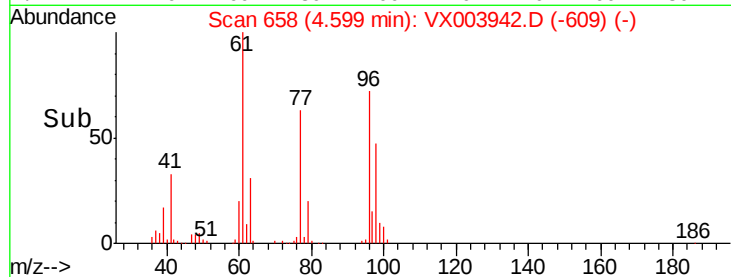
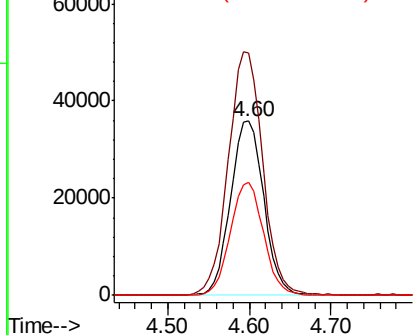
cis-1,2-Dichloroethene
 Concen: 18.14 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS01

Tot Ion	96	Resp	100917
Ion	Ratio	Lower	Upper
96	100		
61	145.3	0.0	293.0
98	64.6	0.0	131.8



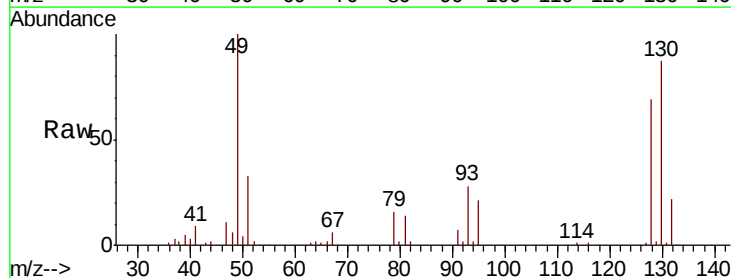
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



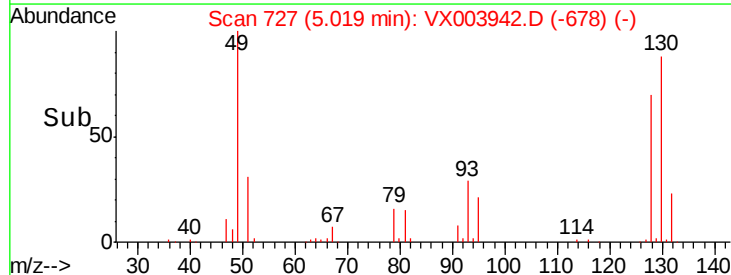
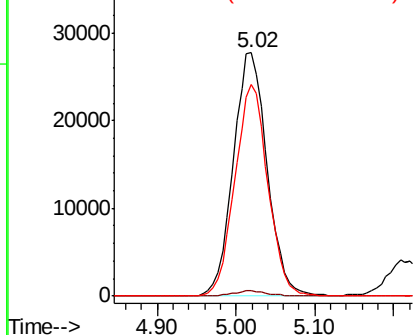
#28

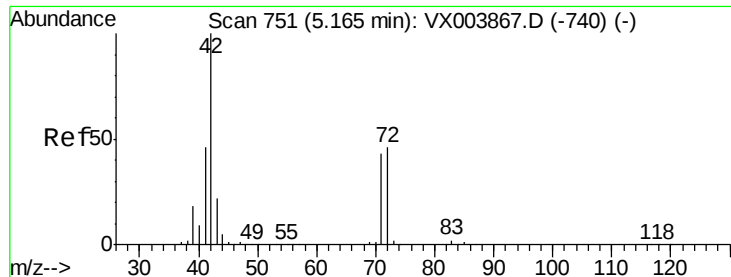
Bromochloromethane
 Concen: 20.36 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

Tgt Ion	49	Resp	82832
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	84.5	66.5	99.7



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





#29

Tetrahydrofuran

Concen: 84.18 ug/l

RT: 5.16 min Scan# 750

Delta R.T. -0.01 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

ClientSampled :

VX0809WBS01

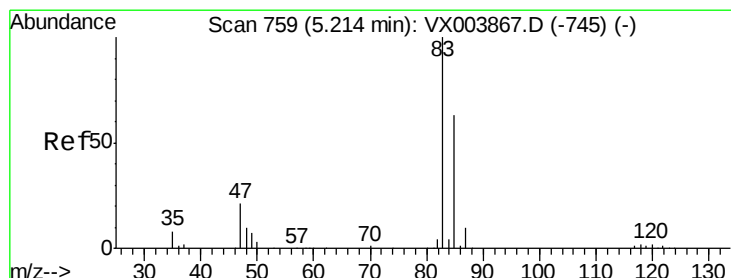
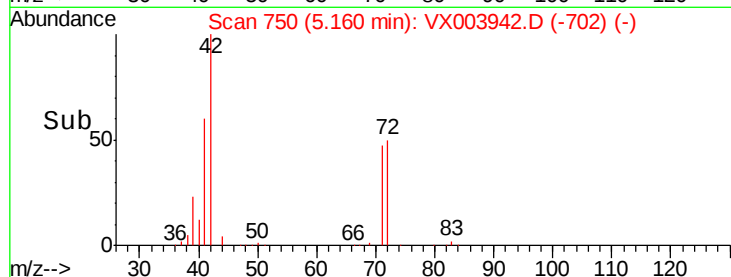
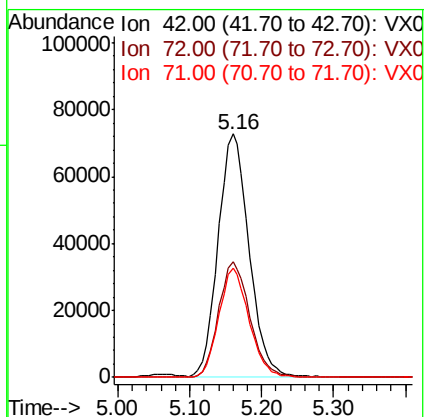
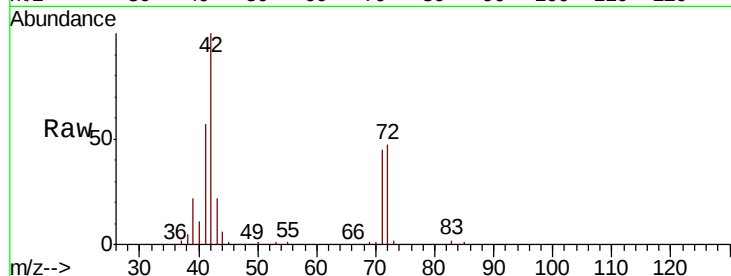
Tot Ion: 42 Resp: 215899

Ion Ratio Lower Upper

42 100

72 48.3 37.7 56.5

71 44.2 35.0 52.6



#30

Chloroform

Concen: 18.28 ug/l

RT: 5.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX003942.D

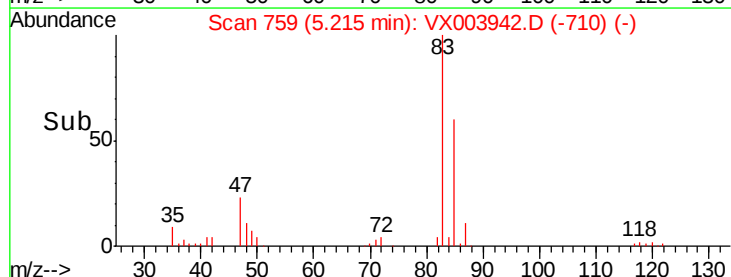
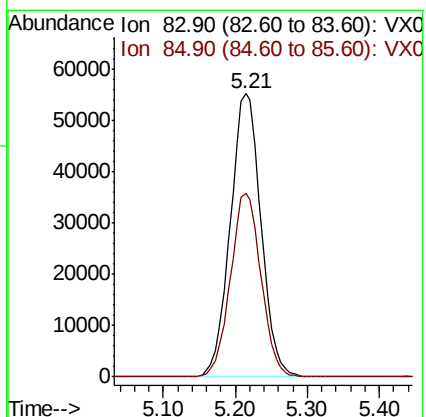
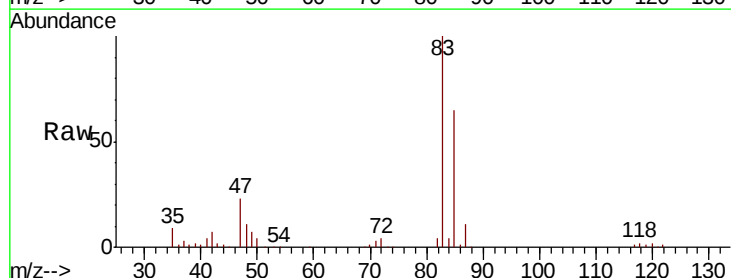
Acq: 09 Aug 2018 11:31

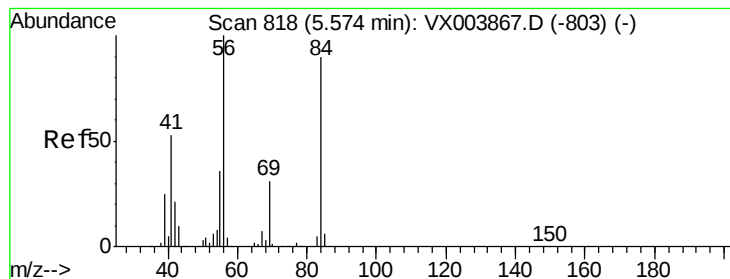
Tgt Ion: 83 Resp: 163597

Ion Ratio Lower Upper

83 100

85 64.9 50.7 76.1





#31

Cyclohexane

Concen: 17.64 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBS01

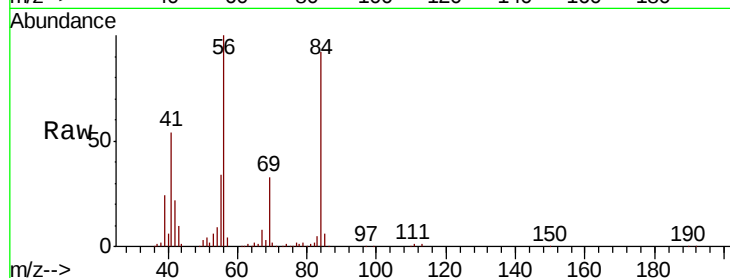
Tot Ion: 56 Resp: 141818

Ion Ratio Lower Upper

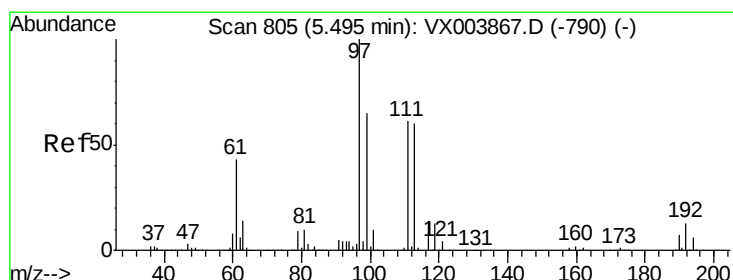
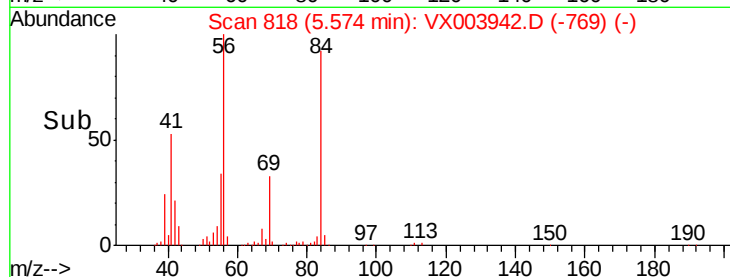
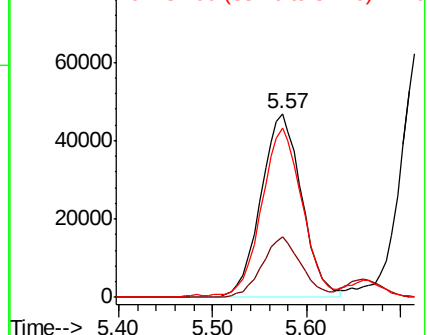
56 100

69 32.6 24.9 37.3

84 91.4 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: 18.27 ug/l

RT: 5.49 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

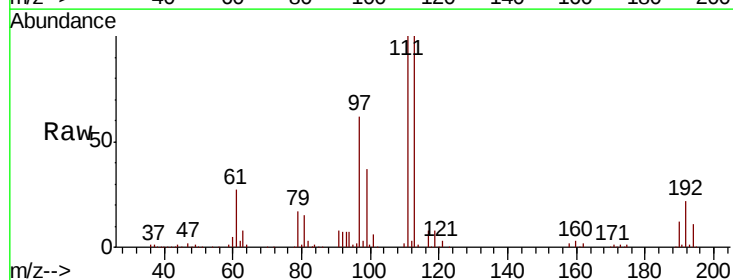
Tgt Ion: 97 Resp: 137139

Ion Ratio Lower Upper

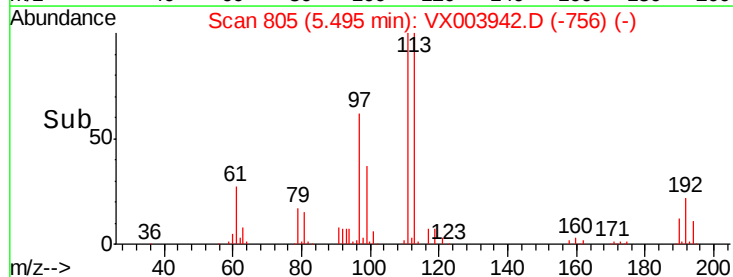
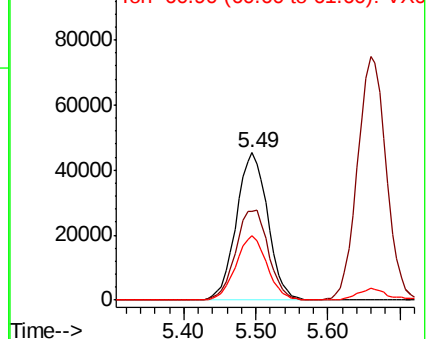
97 100

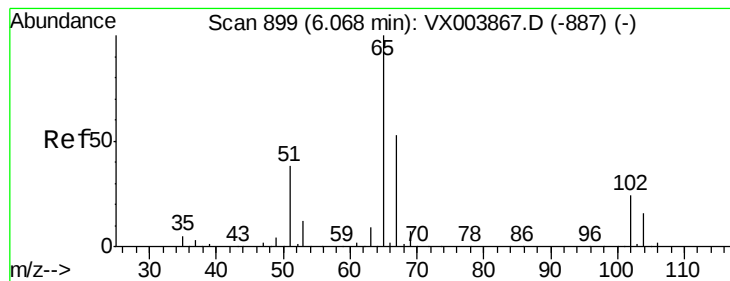
99 63.9 51.8 77.8

61 43.4 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: 47.57 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

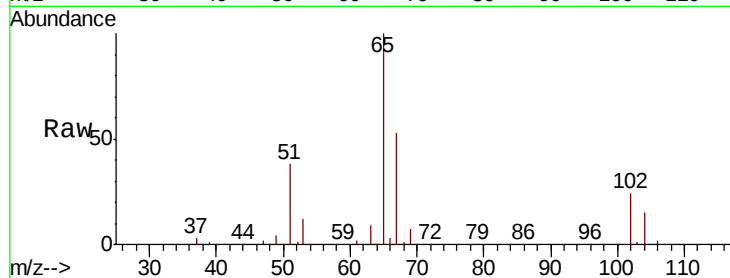
VX0809WBS01

Tot Ion: 65 Resp: 265363

Ion Ratio Lower Upper

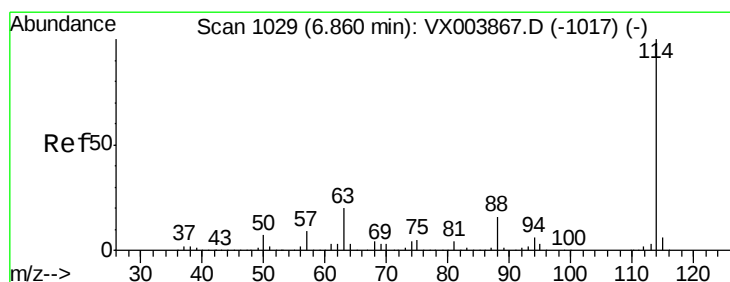
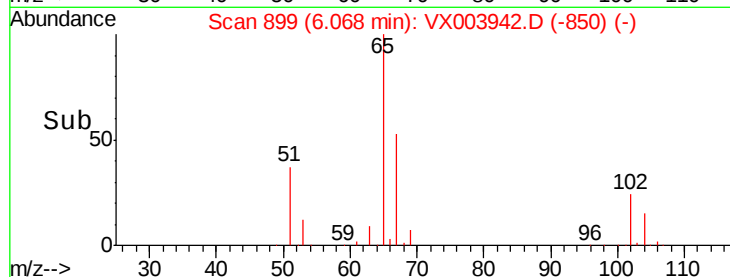
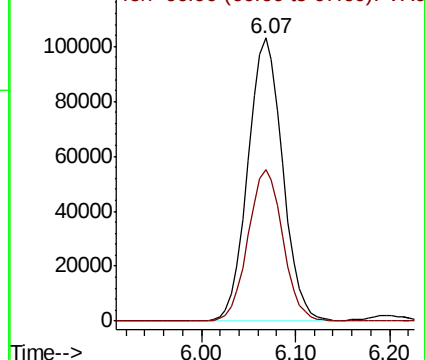
65 100

67 53.7 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: VX003942.D

Acq: 09 Aug 2018 11:31

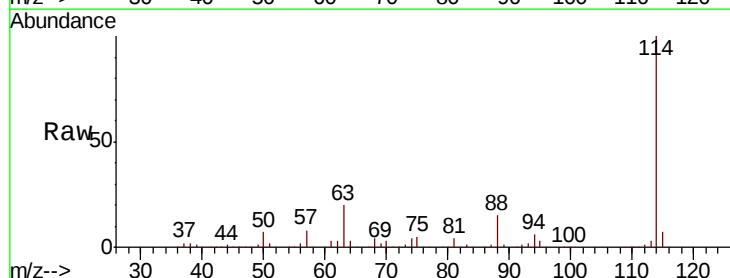
Tgt Ion: 114 Resp: 597234

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.0

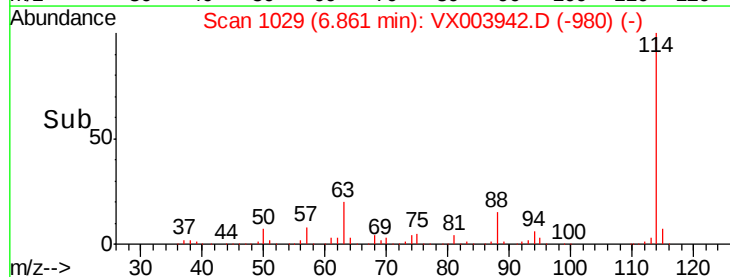
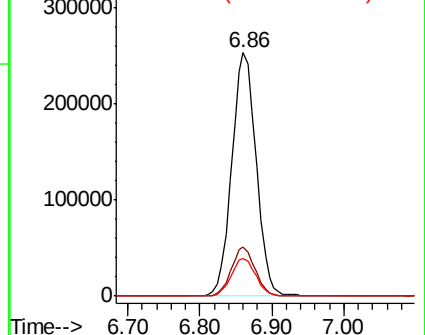
88 15.5 0.0 32.0

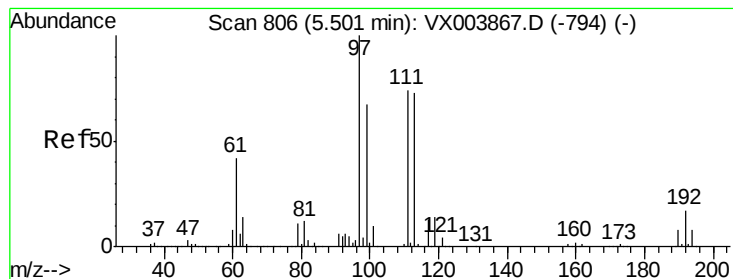


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.73 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

ClientSampled :

VX0809WBS01

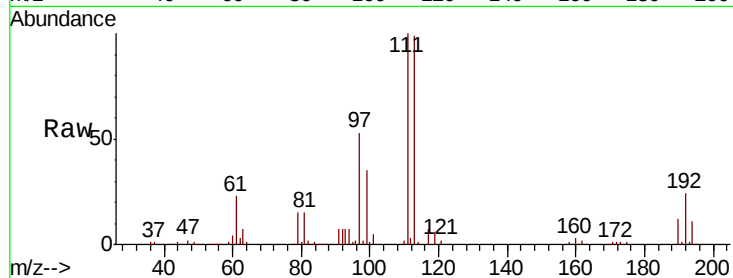
Tot Ion:113 Resp: 220498

Ion Ratio Lower Upper

113 100

111 102.2 82.0 123.0

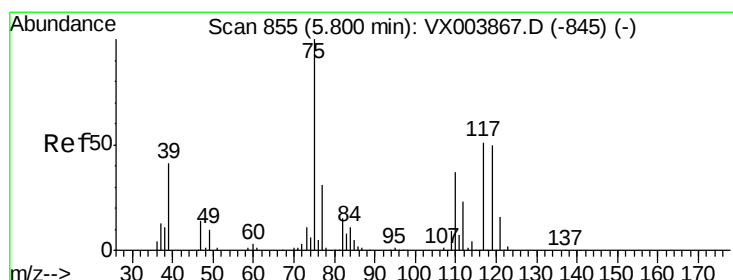
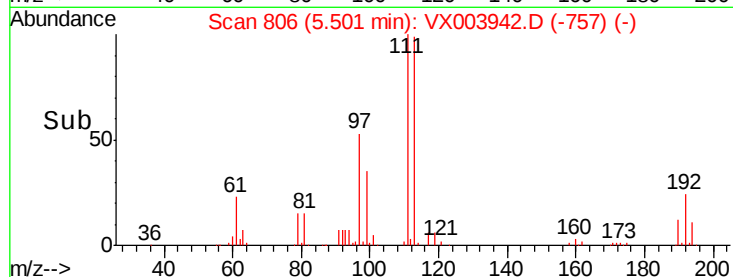
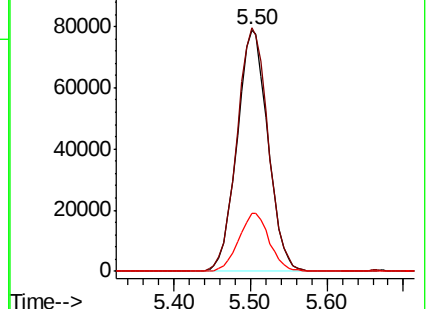
192 23.7 19.0 28.4



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: 18.44 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

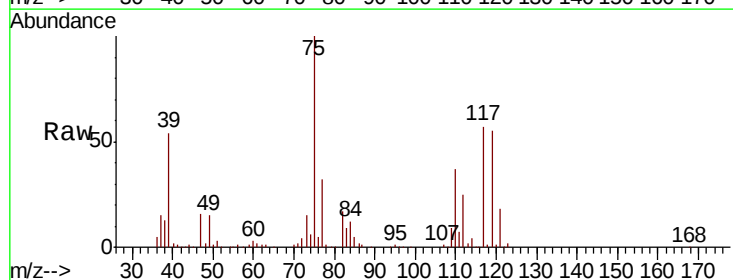
Tgt Ion: 75 Resp: 123366

Ion Ratio Lower Upper

75 100

110 36.9 18.2 54.6

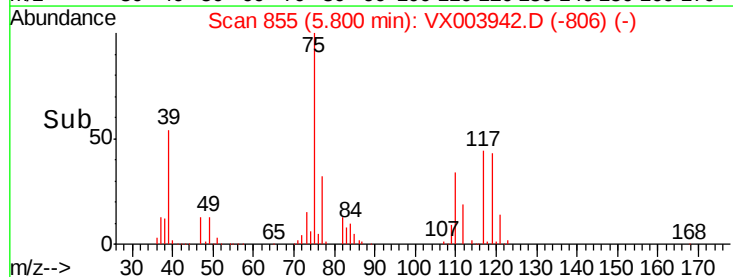
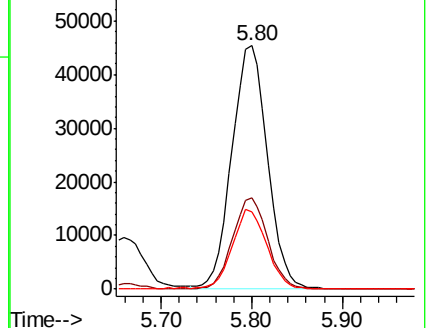
77 31.8 25.0 37.4



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: 17.78 ug/l

RT: 4.86 min Scan# 701

Delta R.T. -0.01 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBS01

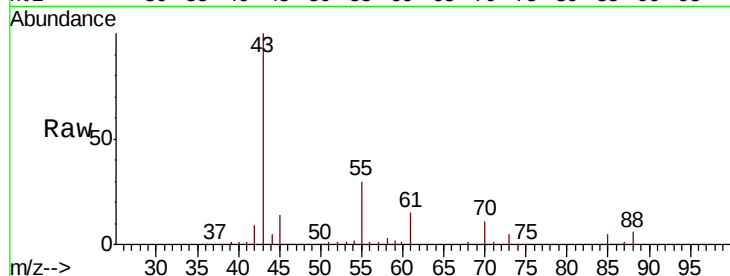
Tot Ion: 43 Resp: 130856

Ion Ratio Lower Upper

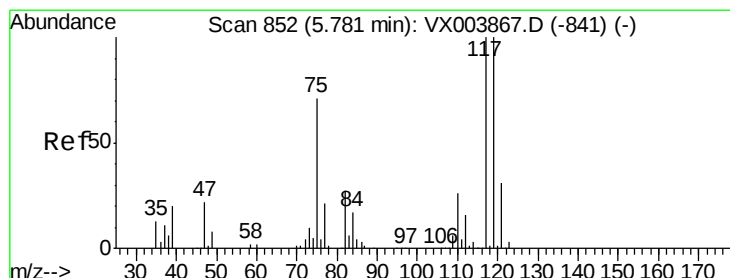
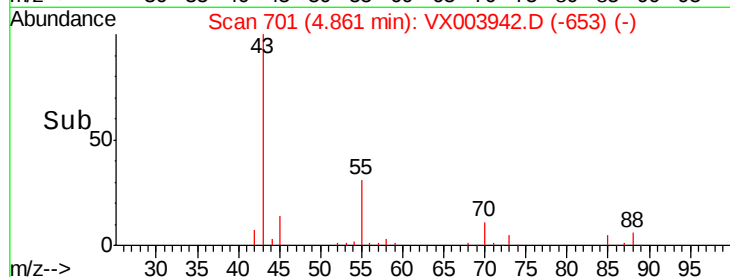
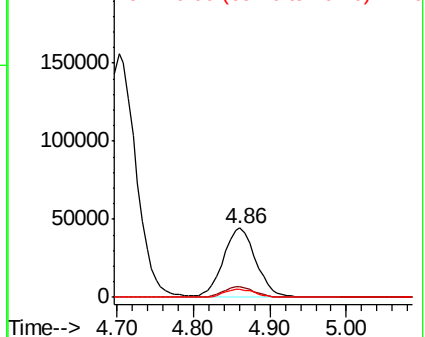
43 100

61 14.8 11.5 17.3

70 11.4 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 18.90 ug/l

RT: 5.78 min Scan# 852

Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

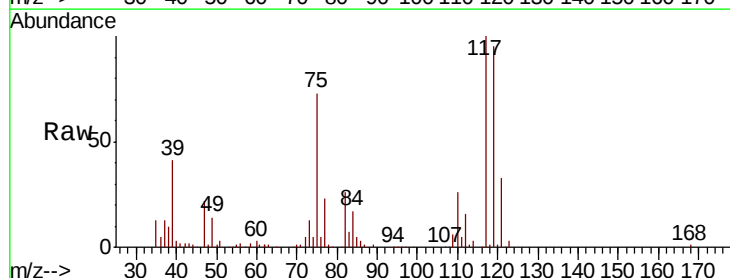
Tgt Ion: 117 Resp: 120340

Ion Ratio Lower Upper

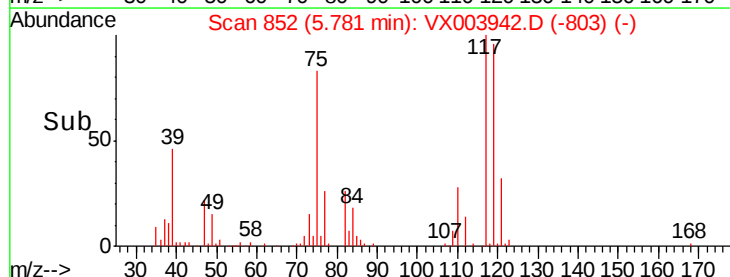
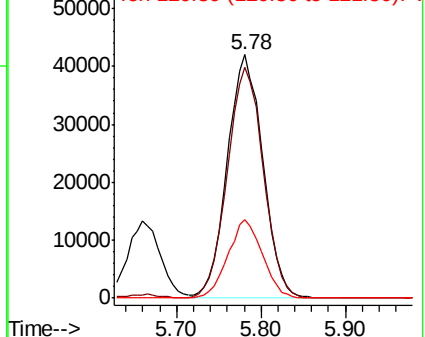
117 100

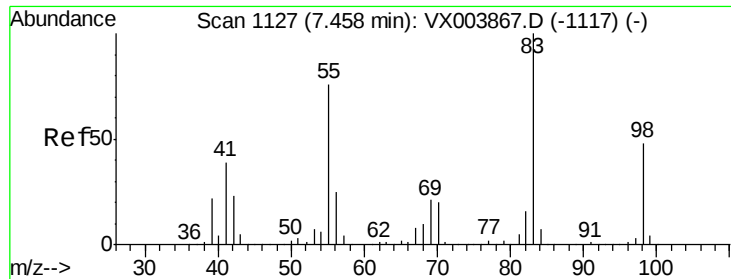
119 94.9 79.5 119.3

121 32.5 25.0 37.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

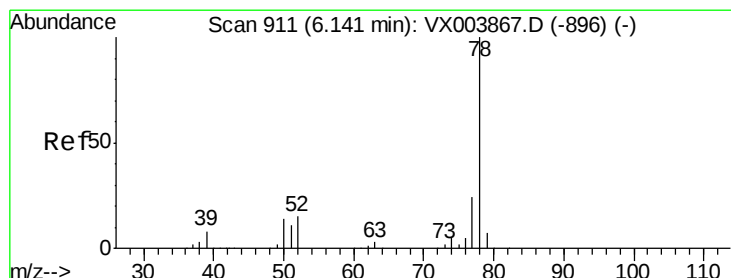
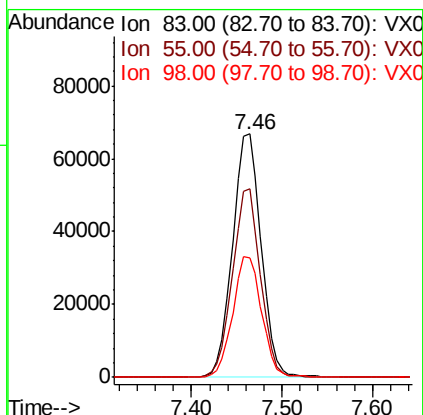
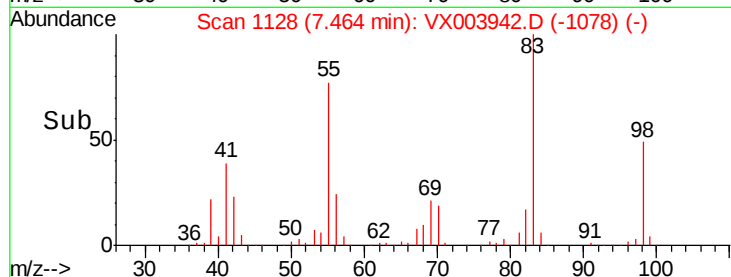
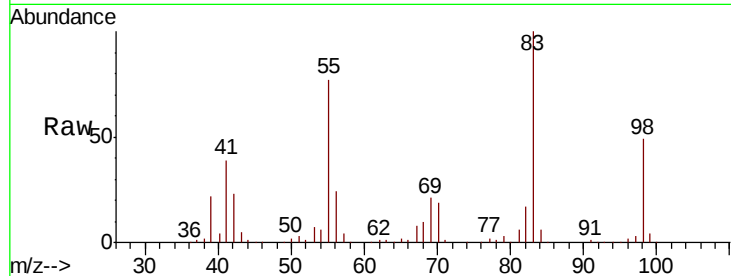




#39
Methvlcvclohexane
Concen: 18.59 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

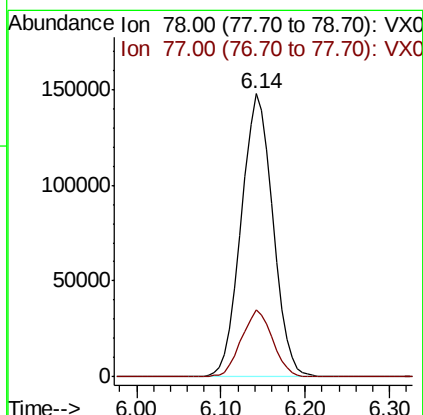
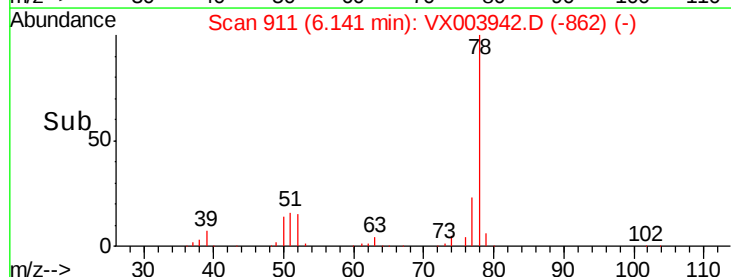
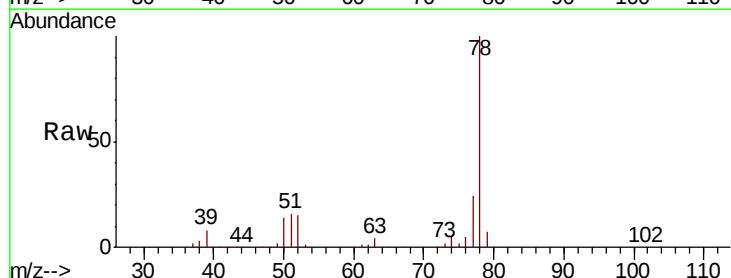
Instrument :
MSVOA_X
ClientSampleId :
VX0809WBS01

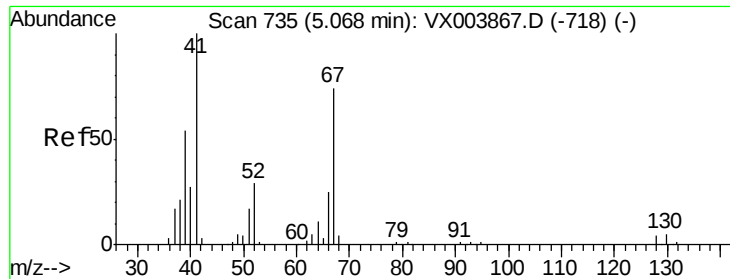
Tot Ion: 83 Resp: 146632
Ion Ratio Lower Upper
83 100
55 77.4 61.0 91.6
98 48.9 38.6 57.8



#40
Benzene
Concen: 18.83 ug/l
RT: 6.14 min Scan# 911
Delta R.T. 0.00 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

Tgt Ion: 78 Resp: 378249
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4

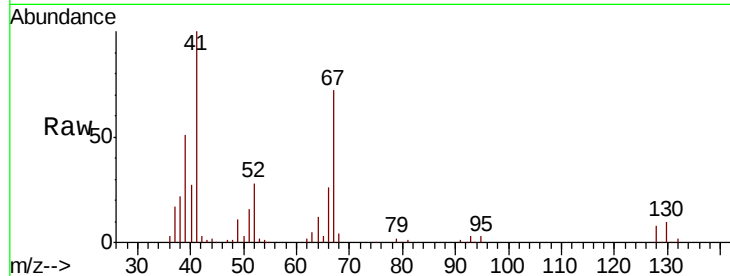




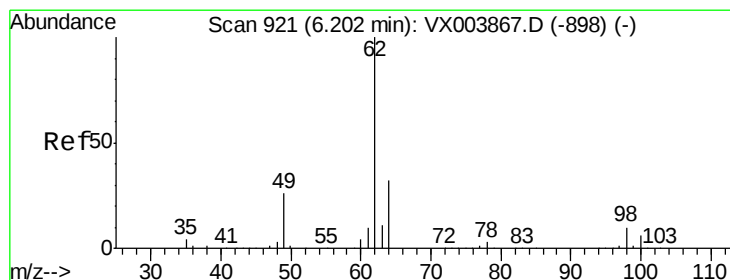
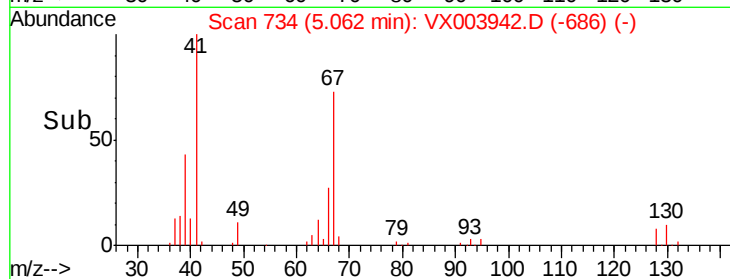
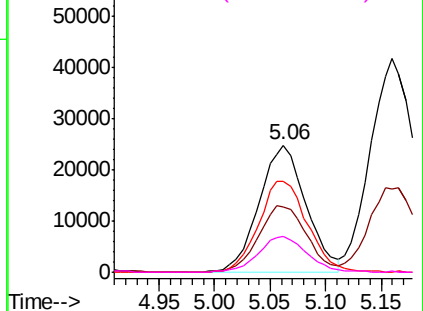
#41
Methacrylonitrile
Concen: 17.91 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0809WBS01

Tot Ion:	41	Resp:	72592
Ion	Ratio	Lower	Upper
41	100		
39	53.9	42.7	64.1
67	74.9	58.9	88.3
52	28.2	22.6	33.8

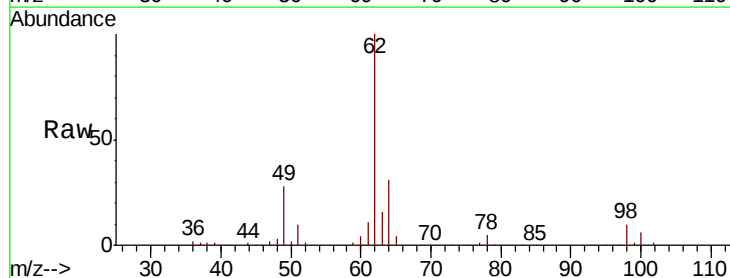


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

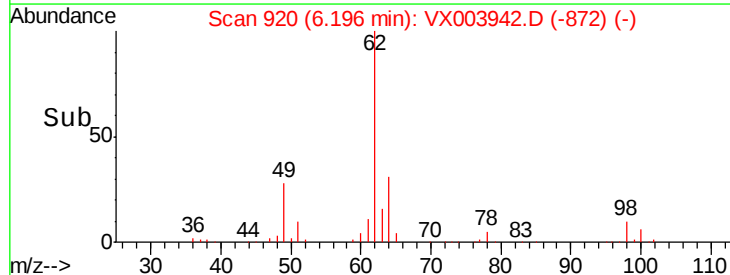
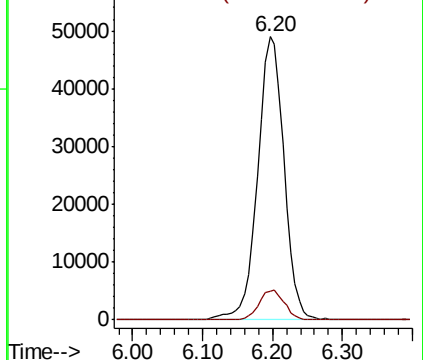


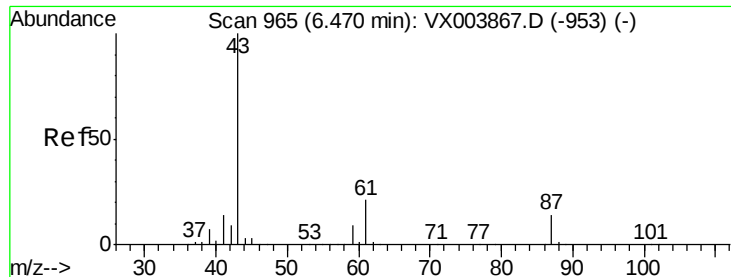
#42
1,2-Dichloroethane
Concen: 18.87 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

Tgt Ion:	62	Resp:	128127
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



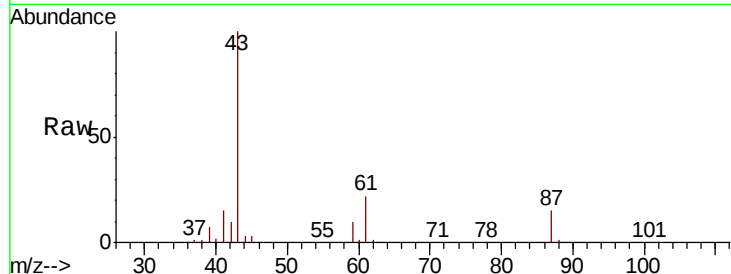


#43

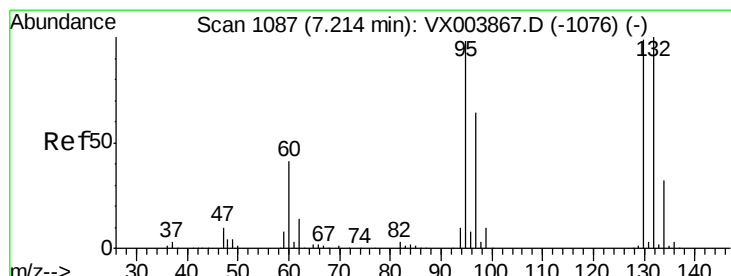
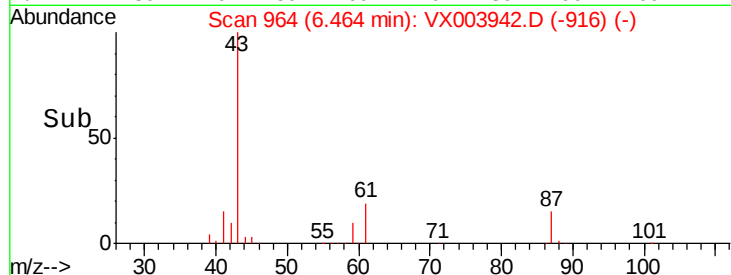
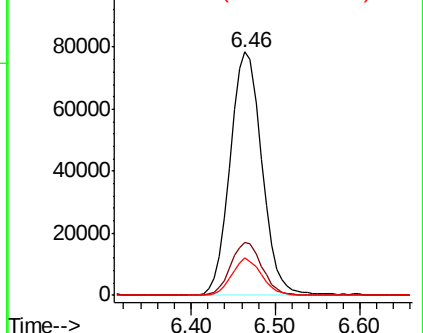
Isopropyl Acetate
 Concen: 18.10 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0809WBS01

Tot Ion	43	Resp	200387
Ion Ratio	Lower	Upper	
43	100		
61	21.5	16.9	25.3
87	14.4	11.3	16.9



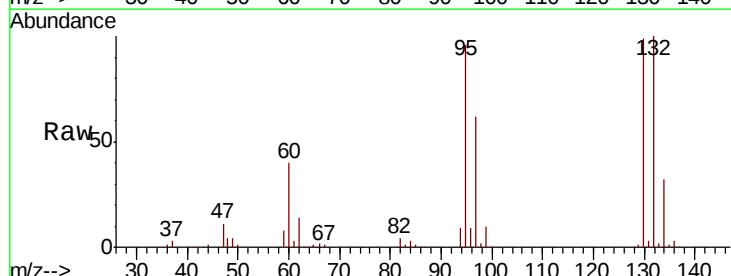
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



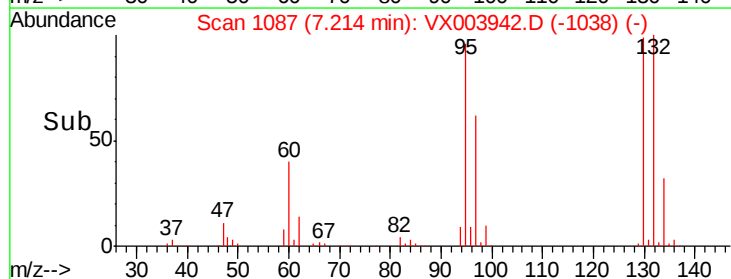
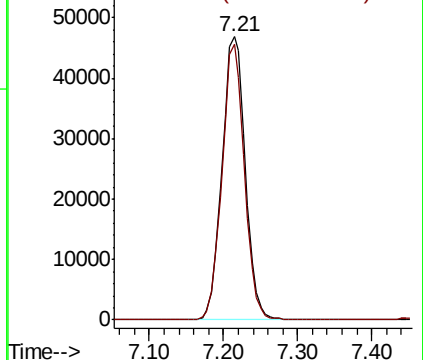
#44

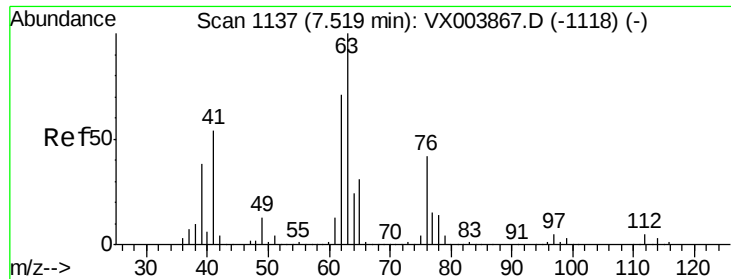
Trichloroethene
 Concen: 18.54 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

Tgt Ion	130	Resp	101837
Ion Ratio	Lower	Upper	
130	100		
95	97.5	0.0	199.4



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

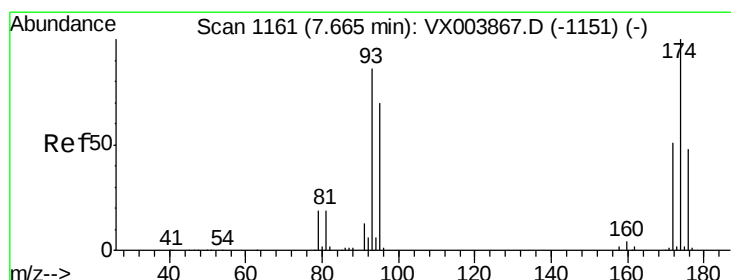
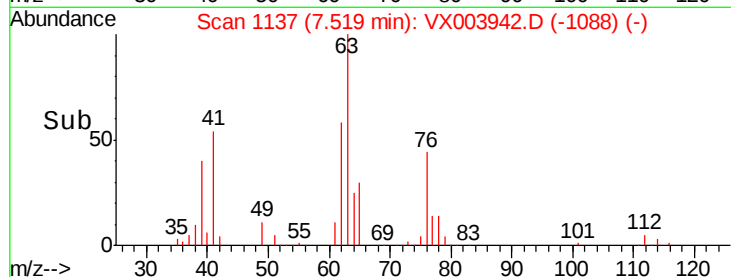
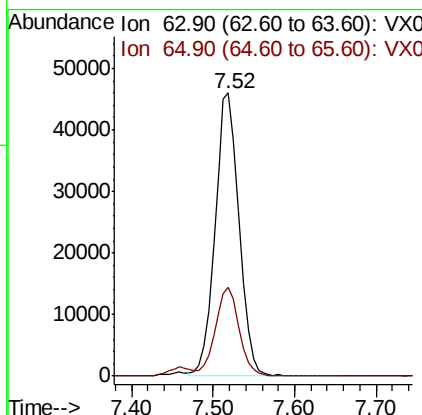
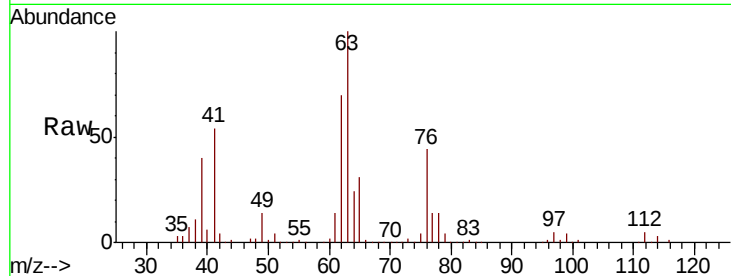




#45
 1,2-Dichloropropane
 Concen: 18.23 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

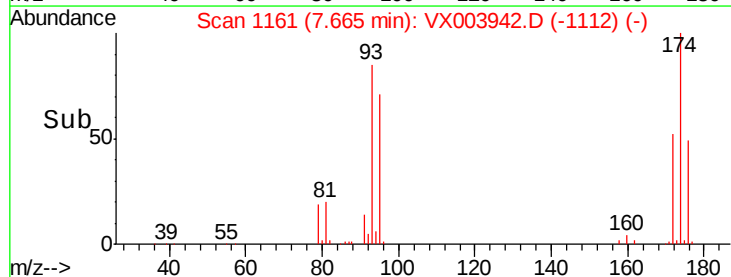
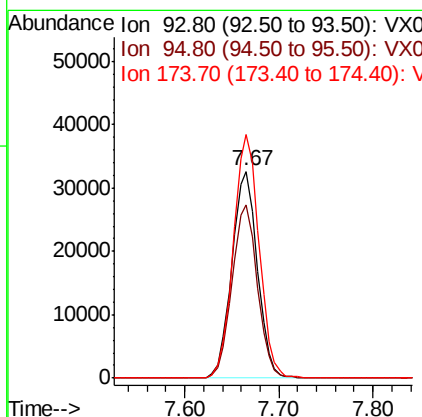
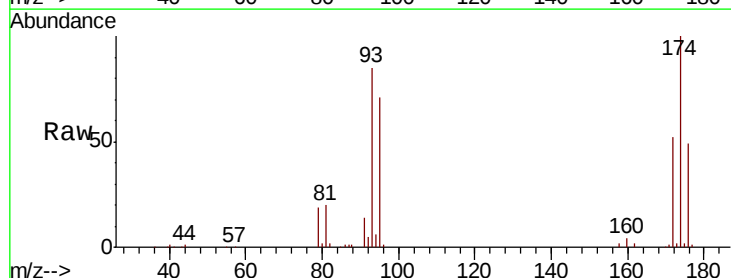
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0809WBS01

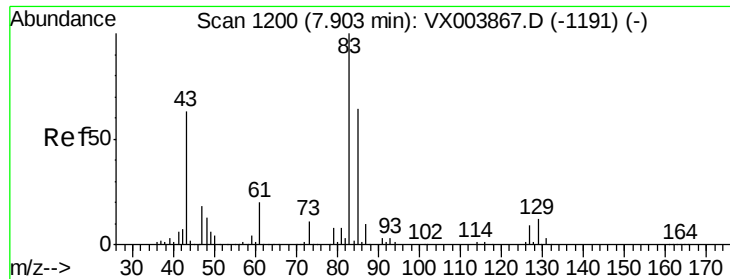
Tot Ion: 63 Resp: 94545
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.6 36.8



#46
 Dibromomethane
 Concen: 18.24 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

Tgt Ion: 93 Resp: 61418
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.4 99.6
 174 118.8 94.3 141.5





#47

Bromodichloromethane

Concen: 18.58 ug/l

RT: 7.90 min Scan# 1199

Delta R.T. -0.01 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBS01

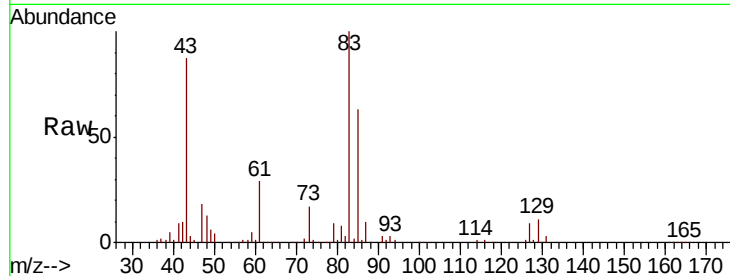
Tot Ion: 83 Resp: 117872

Ion Ratio Lower Upper

83 100

85 62.8 51.2 76.8

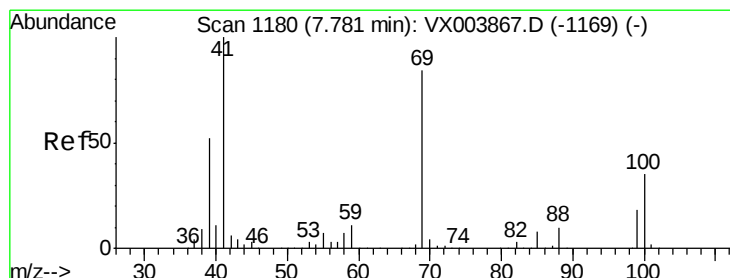
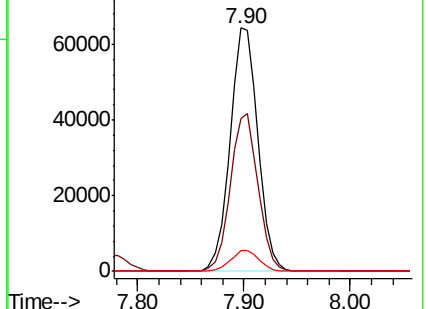
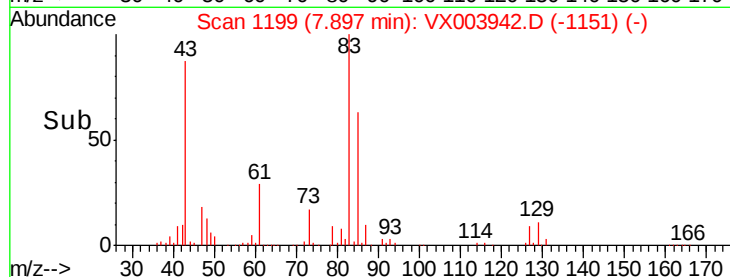
127 8.7 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.06 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

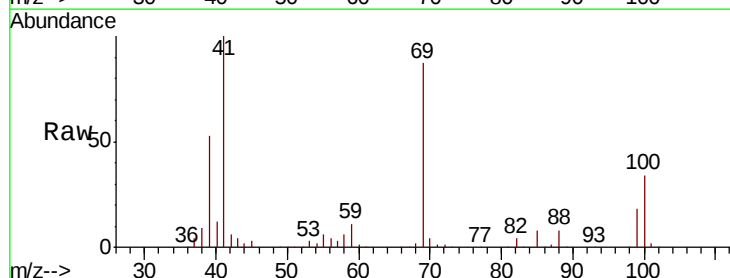
Tgt Ion: 41 Resp: 101645

Ion Ratio Lower Upper

41 100

69 88.6 68.8 103.2

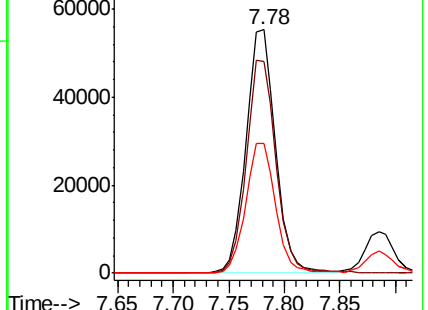
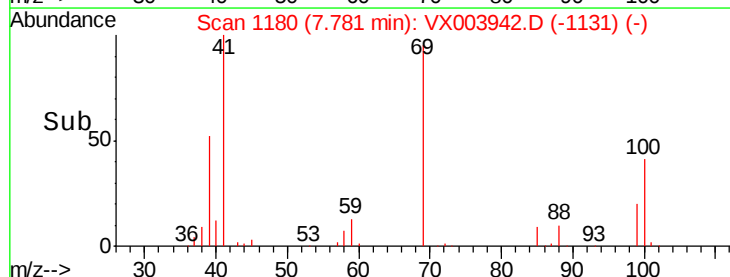
39 53.9 42.3 63.5

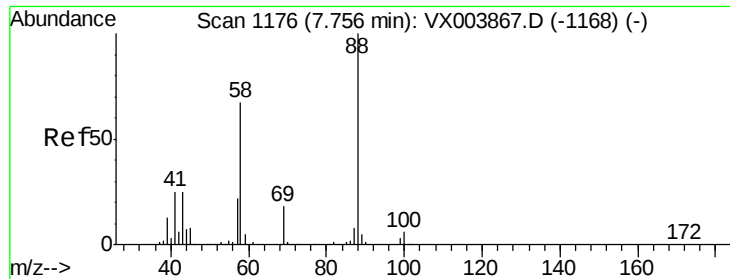


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

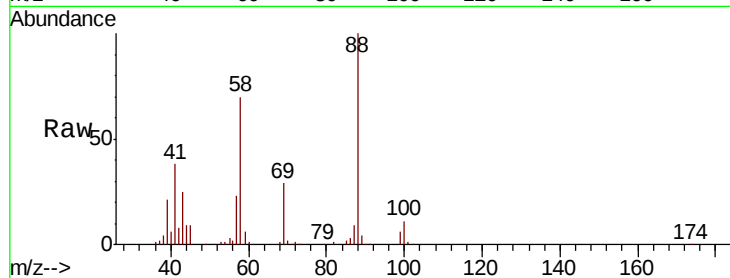




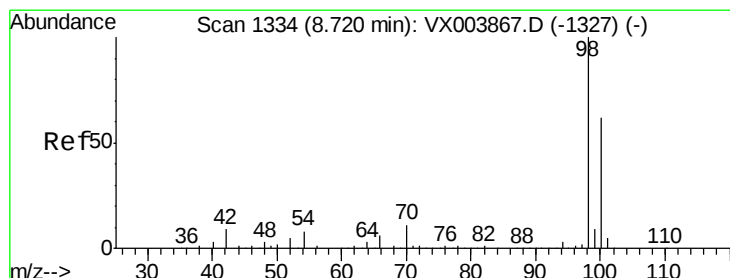
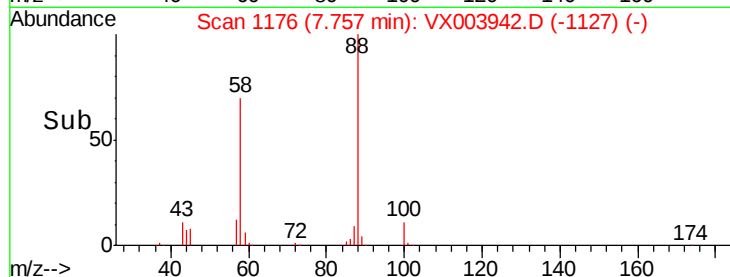
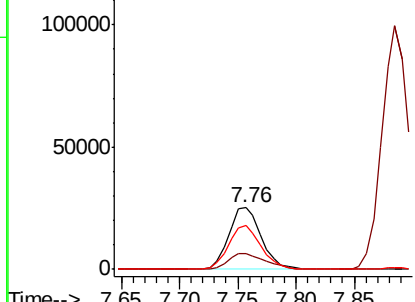
#49
 1,4-Dioxane
 Concen: 372.02 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

Instrument :
 MSVOA_X
 ClientSampled :
 VX0809WBS01

Tot Ion: 88 Resp: 49328
 Ion Ratio Lower Upper
 88 100
 43 28.8 23.8 35.8
 58 70.5 55.4 83.0

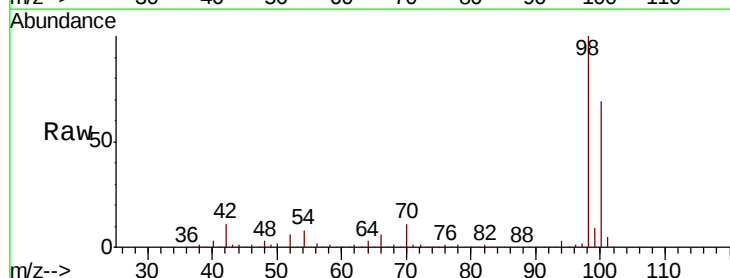


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

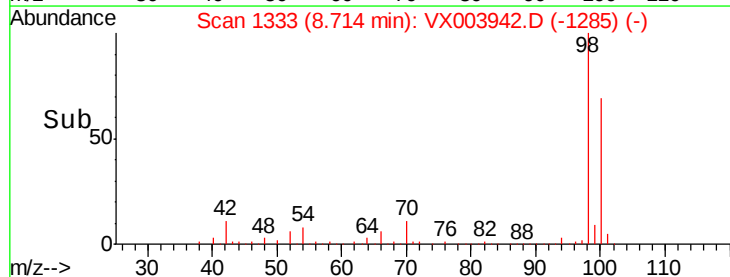
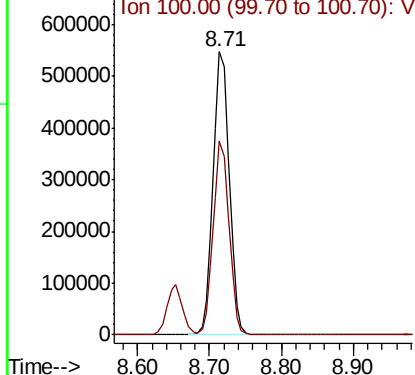


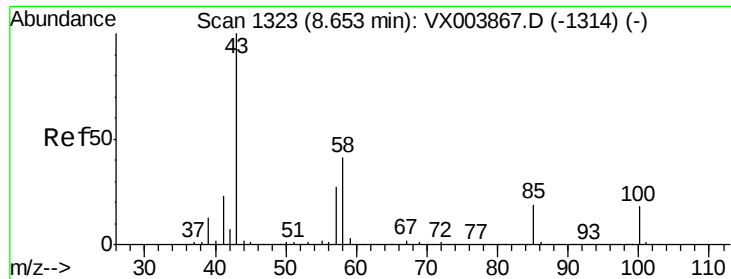
#50
 Toluene-d8
 Concen: 48.46 ug/l
 RT: 8.71 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

Tgt Ion: 98 Resp: 852564
 Ion Ratio Lower Upper
 98 100
 100 67.1 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: 91.12 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

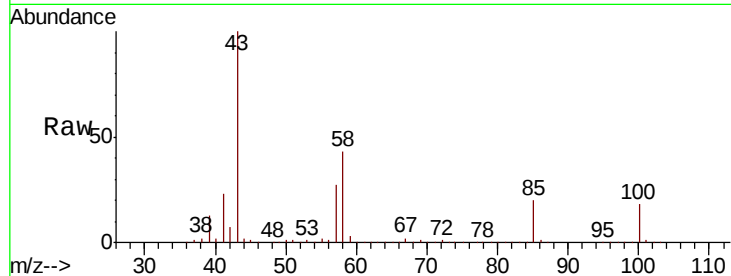
VX0809WBS01

Tot Ion: 43 Resp: 836317

Ion Ratio Lower Upper

43 100

58 41.8 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

600000

500000

400000

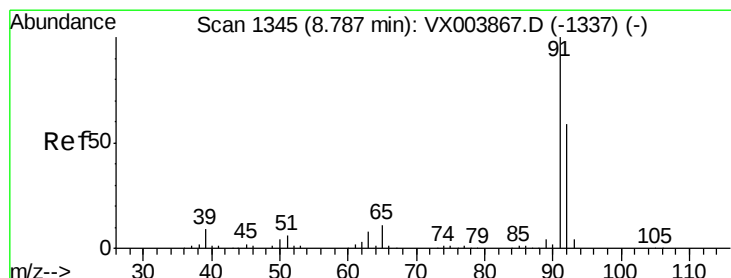
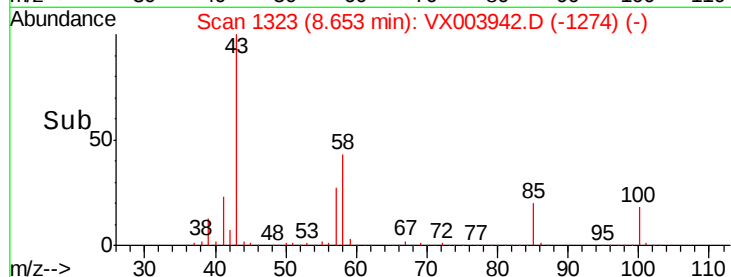
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 19.10 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003942.D

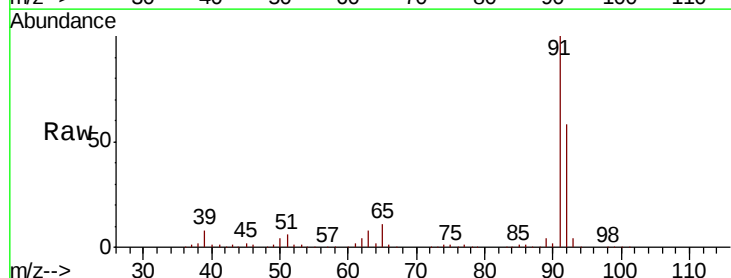
Acq: 09 Aug 2018 11:31

Tgt Ion: 92 Resp: 242353

Ion Ratio Lower Upper

92 100

91 169.8 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

300000

250000

200000

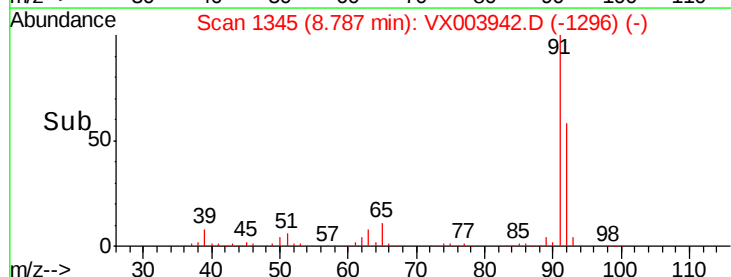
150000

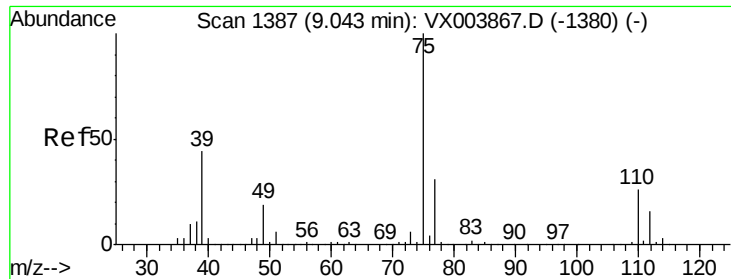
100000

50000

0

Time-->

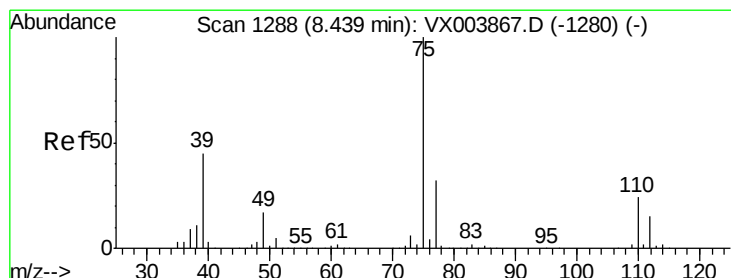
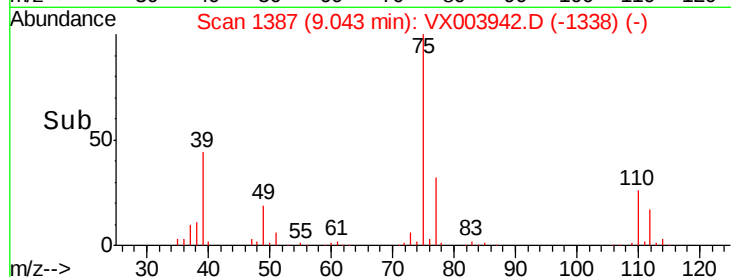
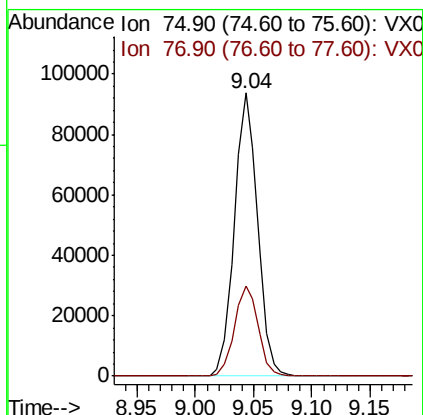
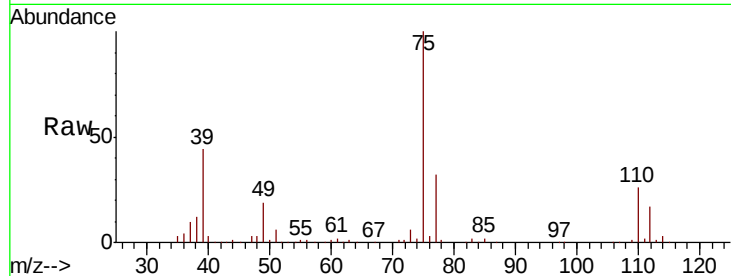




#53
 t-1,3-Dichloropropene
 Concen: 18.18 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

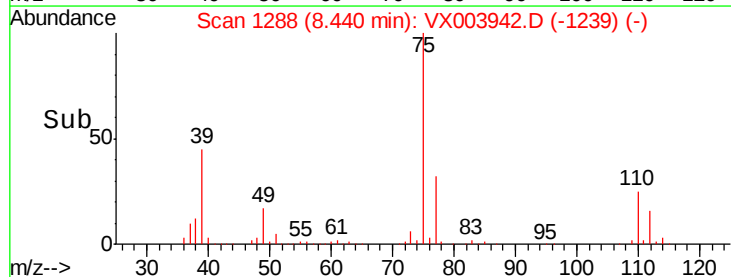
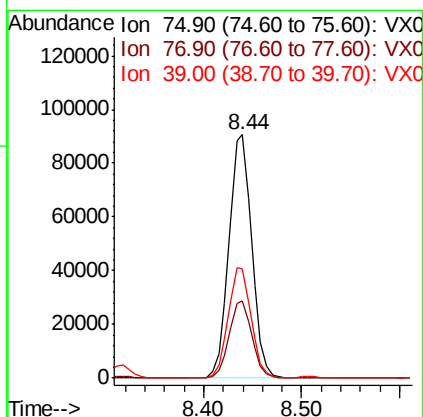
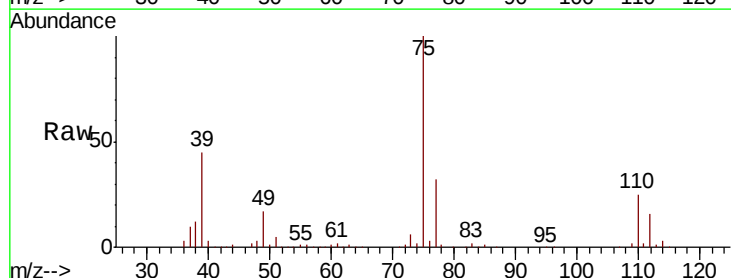
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS01

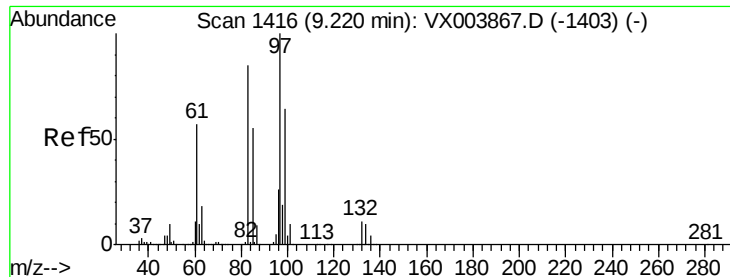
Tot Ion: 75 Resp: 130336
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 18.97 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

Tgt Ion: 75 Resp: 146672
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.3 37.9
 39 44.6 36.2 54.2

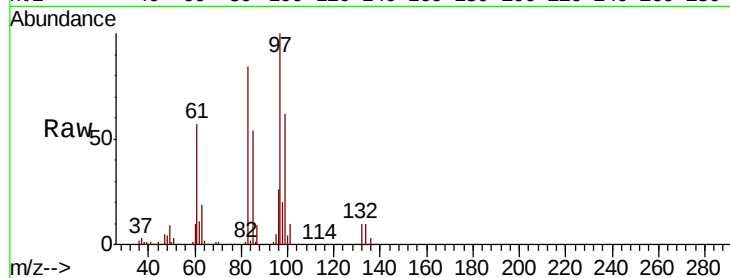




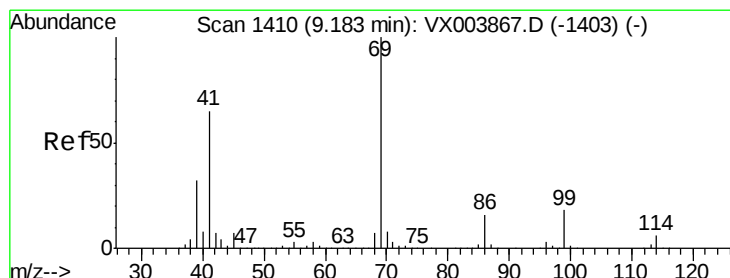
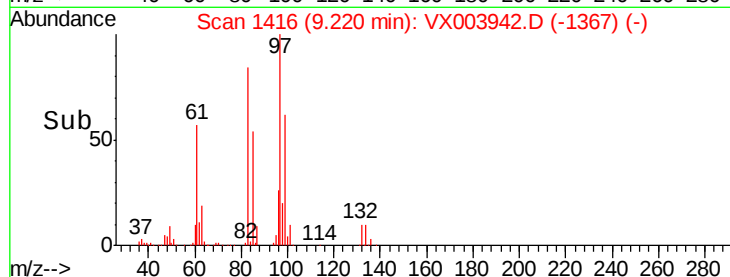
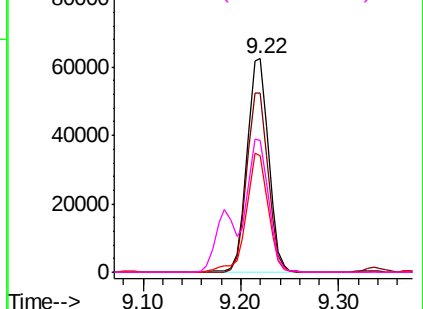
#55
 1,1,2-Trichloroethane
 Concen: 18.45 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS01

Tot Ion:	97	Resp:	95684
Ion	Ratio	Lower	Upper
97	100		
83	84.1	67.8	101.6
85	54.3	44.2	66.2
99	61.9	50.8	76.2

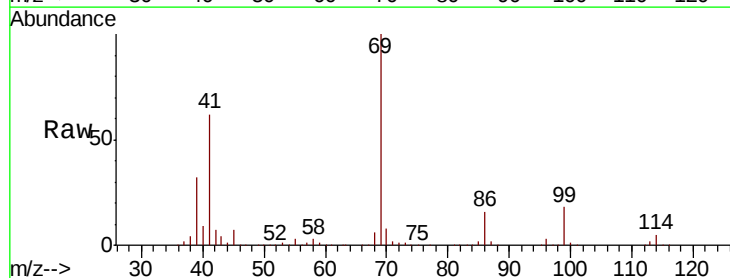


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

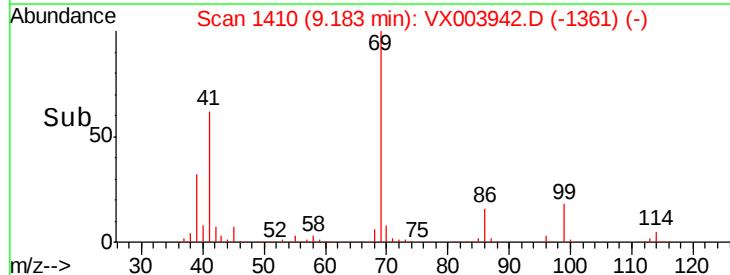
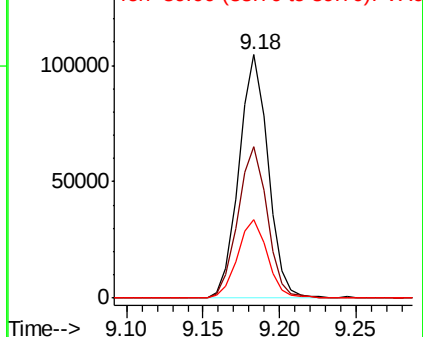


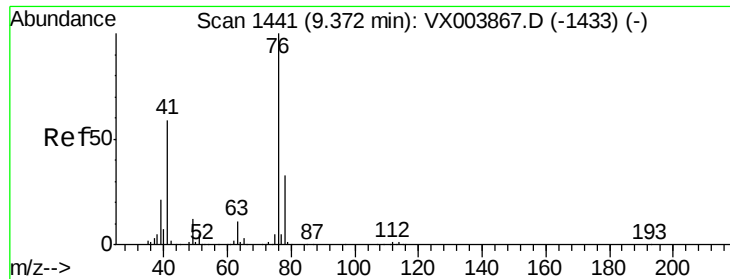
#56
 Ethyl methacrylate
 Concen: 18.42 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

Tgt Ion:	69	Resp:	138620
Ion	Ratio	Lower	Upper
69	100		
41	62.7	50.6	76.0
39	33.1	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

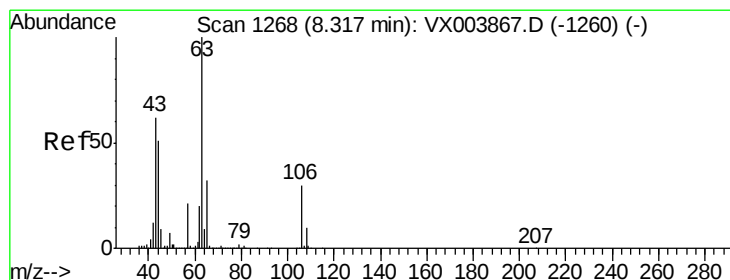
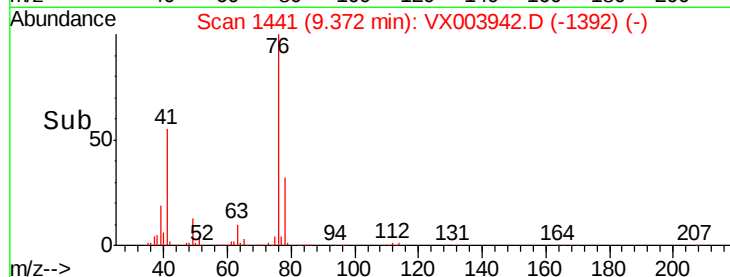
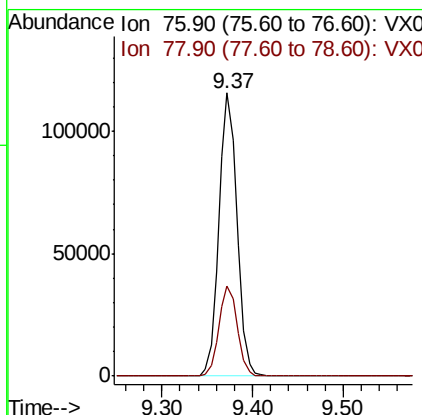
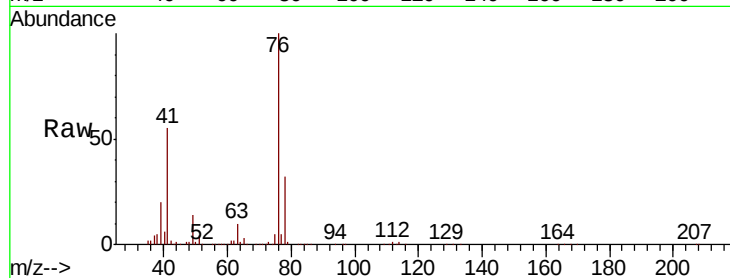




#57
 1,3-Dichloropropane
 Concen: 18.61 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

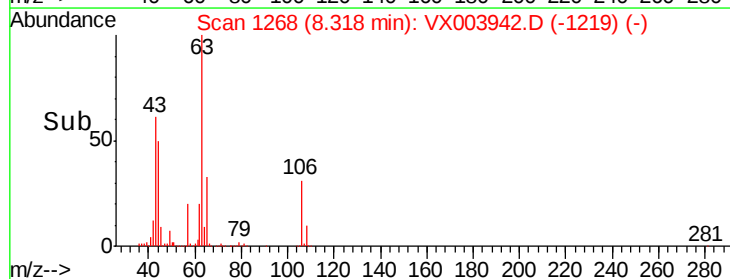
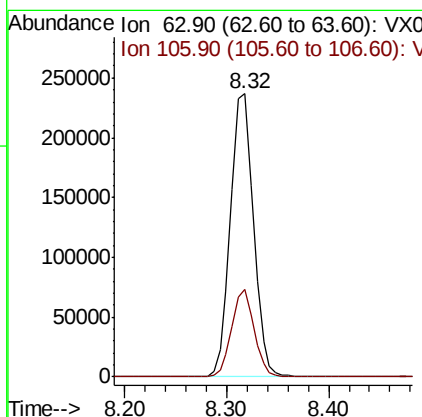
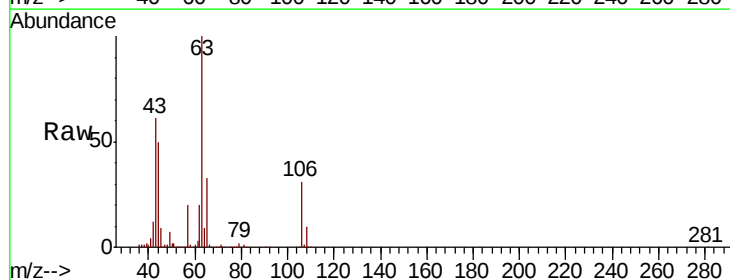
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS01

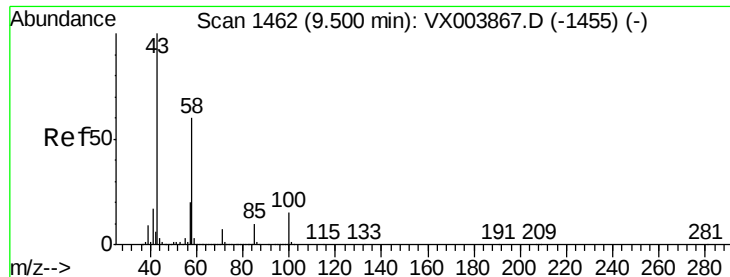
Tot Ion: 76 Resp: 161497
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.96 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

Tgt Ion: 63 Resp: 369853
 Ion Ratio Lower Upper
 63 100
 106 29.9 23.8 35.8

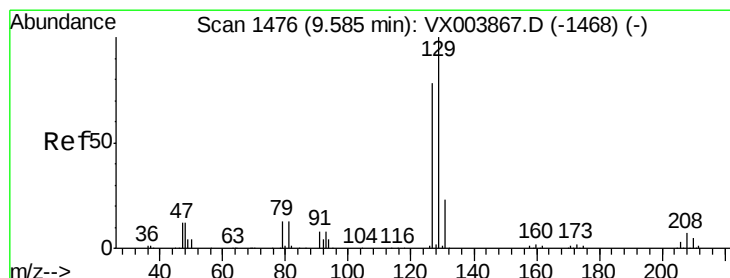
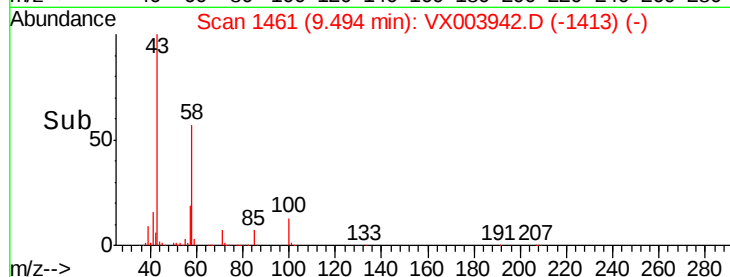
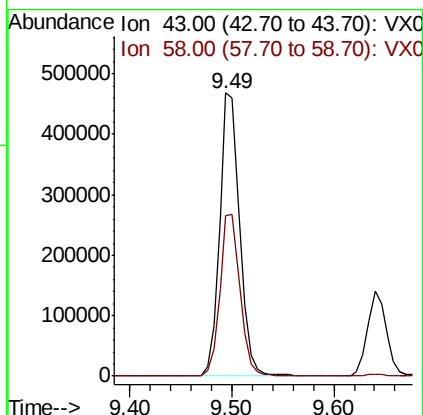
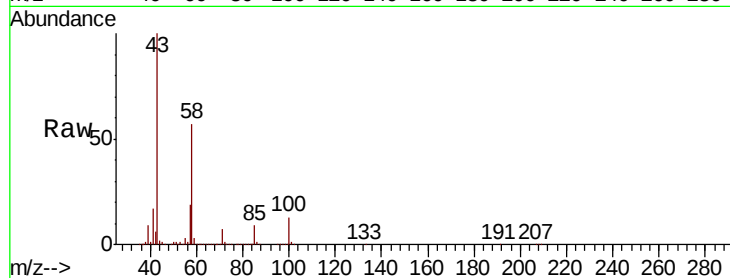




#59
2-Hexanone
Concen: 94.08 ug/l
RT: 9.49 min Scan# 1461
Delta R.T. -0.01 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

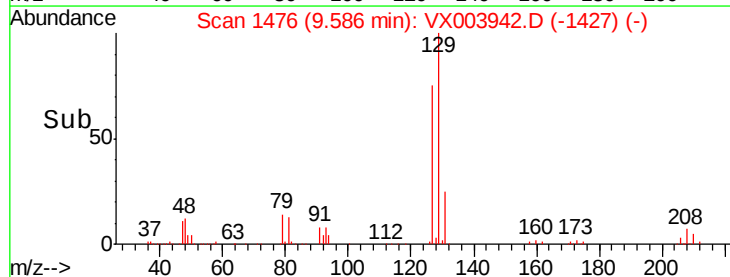
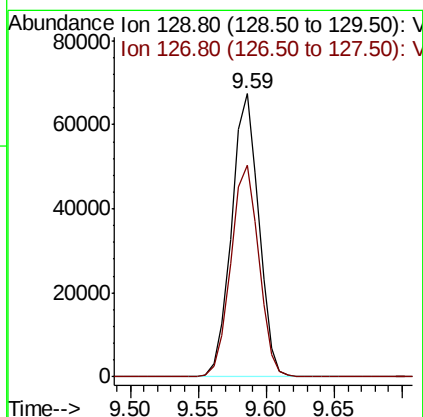
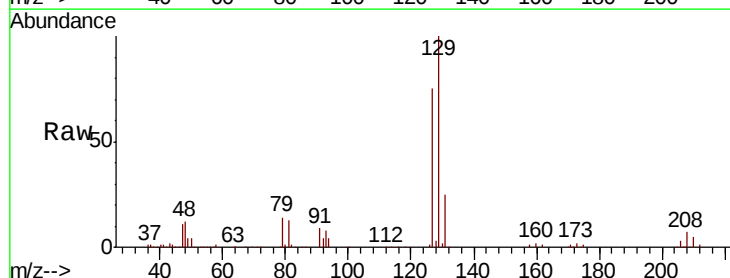
Instrument :
MSVOA_X
ClientSampleId :
VX0809WBS01

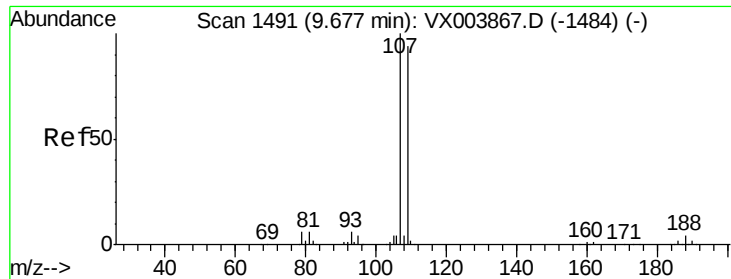
Tot Ion: 43 Resp: 645460
Ion Ratio Lower Upper
43 100
58 57.4 29.0 87.0



#60
Dibromochloromethane
Concen: 19.39 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

Tgt Ion: 129 Resp: 93777
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.3





#61

1,2-Dibromoethane

Concen: 19.13 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.01 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

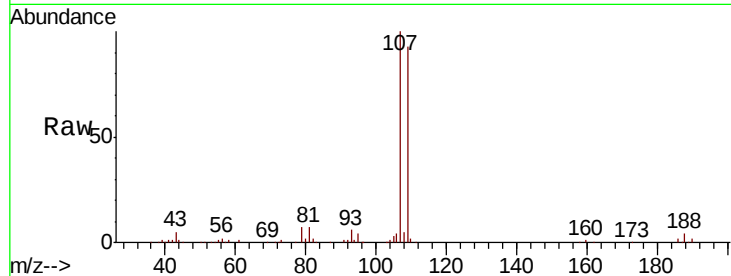
VX0809WBS01

Tot Ion:107 Resp: 99352

Ion Ratio Lower Upper

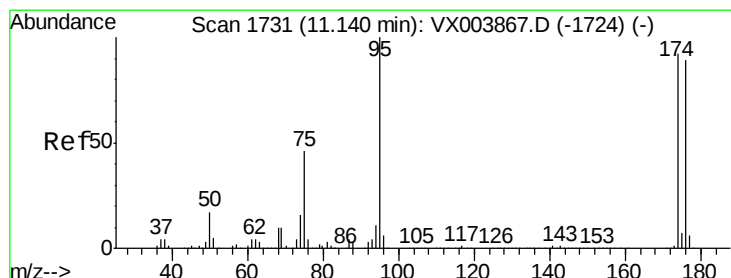
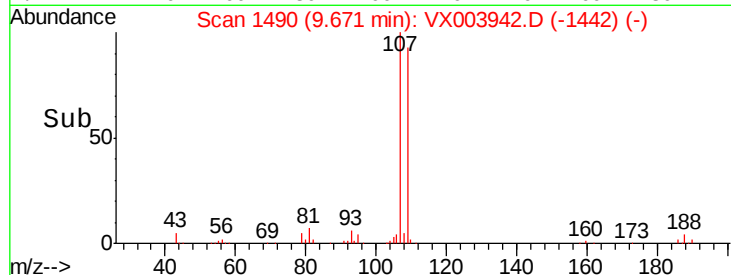
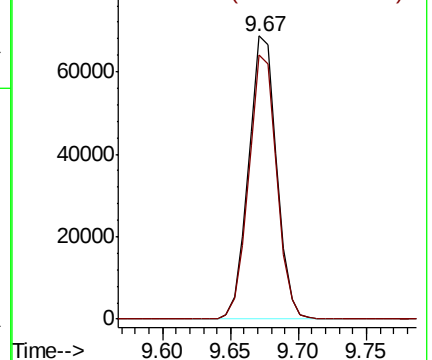
107 100

109 93.3 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: 55.96 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

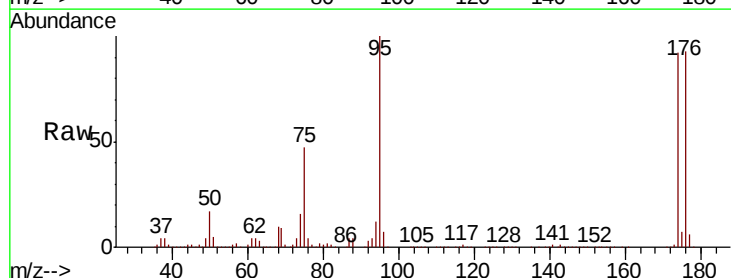
Tgt Ion: 95 Resp: 318585

Ion Ratio Lower Upper

95 100

174 90.5 0.0 182.8

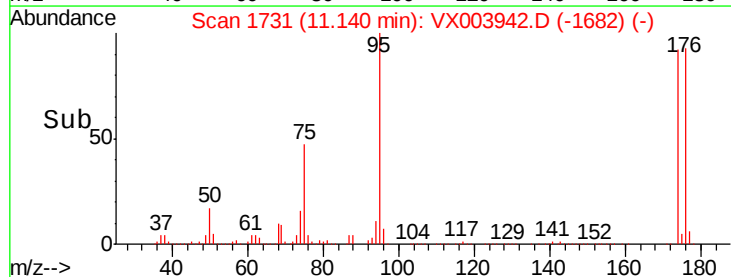
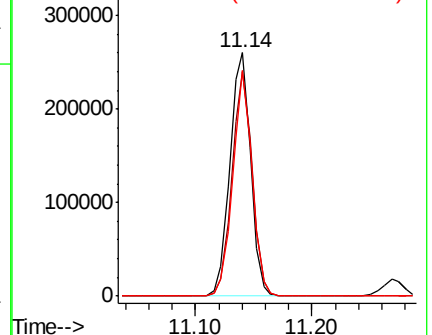
176 86.8 0.0 179.0

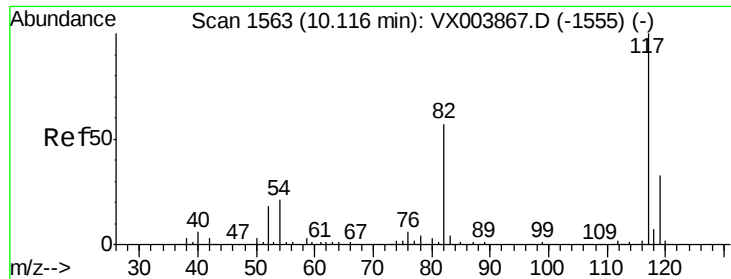


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

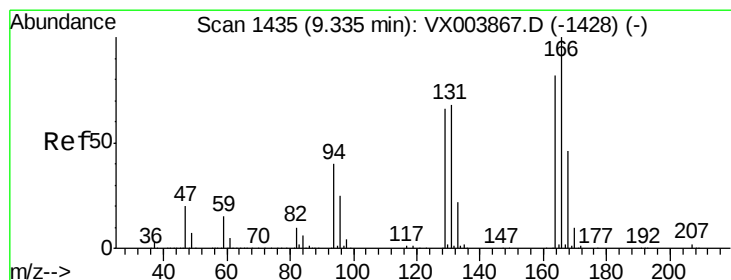
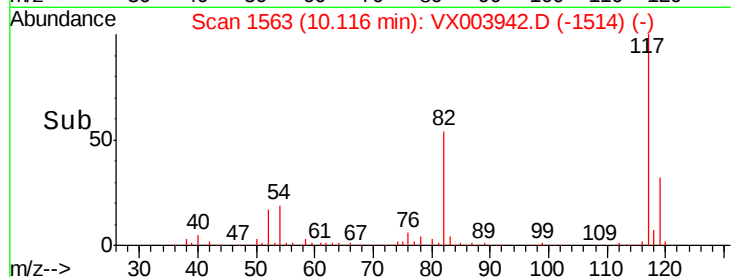
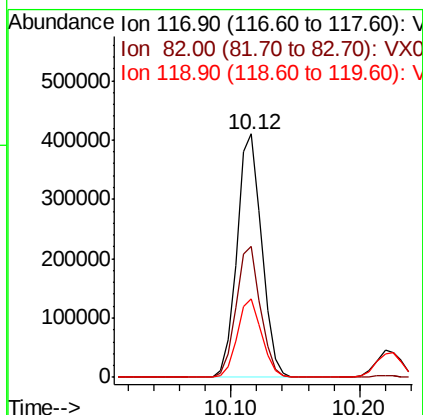
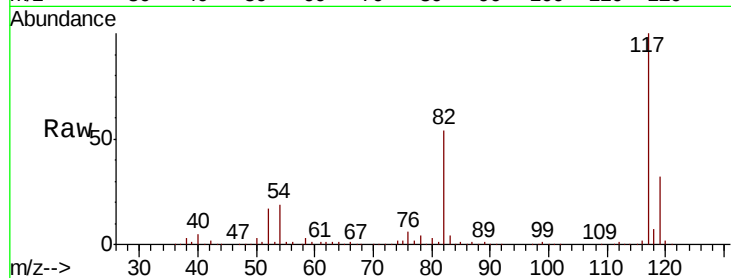




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

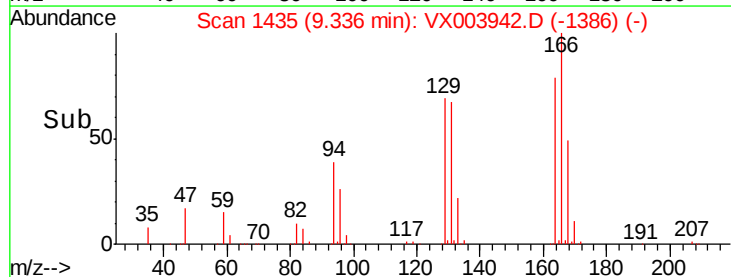
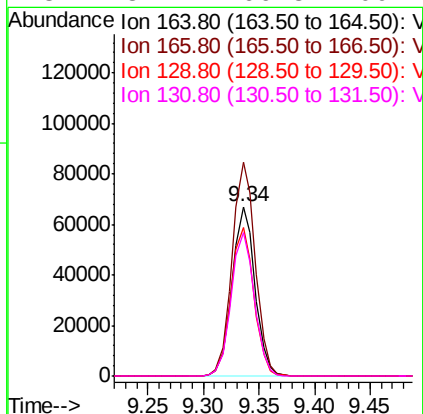
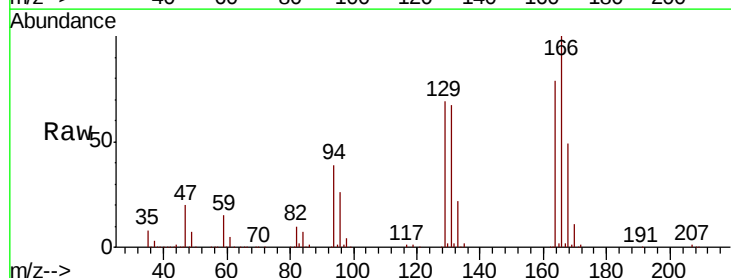
Instrument :
MSVOA_X
ClientSampled :
VX0809WBS01

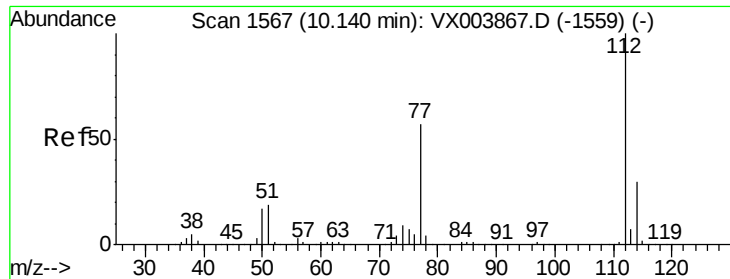
Tot Ion:117 Resp: 545297
Ion Ratio Lower Upper
117 100
82 53.8 45.4 68.0
119 32.2 26.6 40.0



#64
Tetrachloroethene
Concen: 17.70 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

Tgt Ion:164 Resp: 94962
Ion Ratio Lower Upper
164 100
166 126.2 98.0 147.0
129 87.7 64.3 96.5
131 84.4 66.8 100.2





#65

Chlorobenzene

Concen: 18.58 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

ClientSampled :

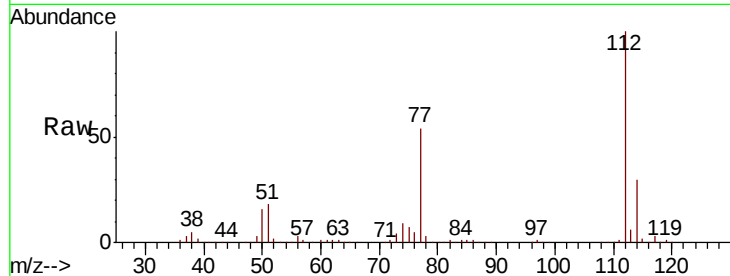
VX0809WBS01

Tot Ion:112 Resp: 263578

Ion Ratio Lower Upper

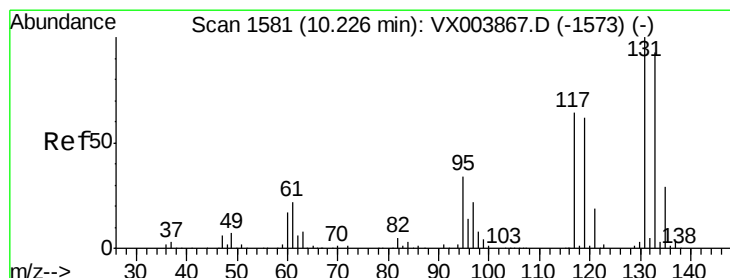
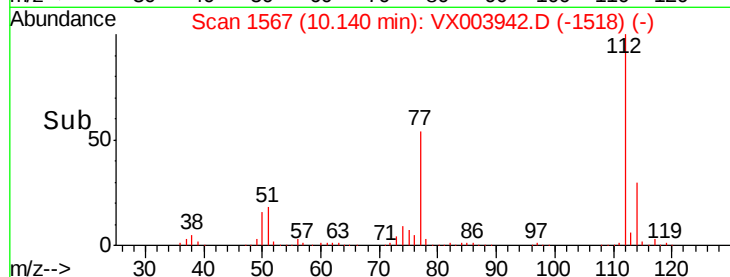
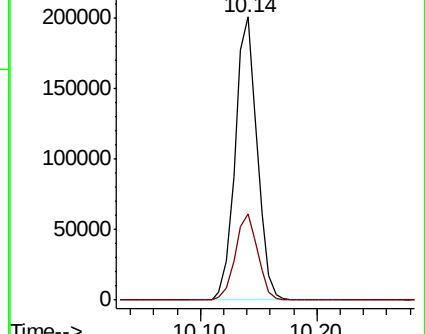
112 100

114 30.4 23.6 35.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.85 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

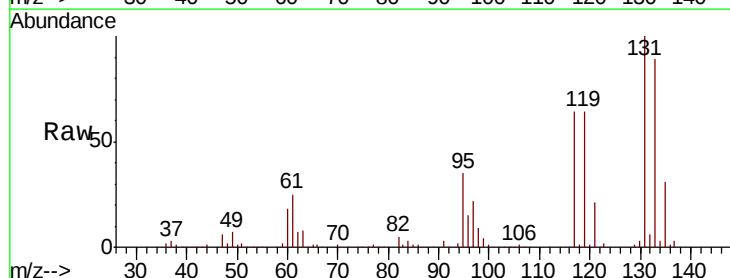
Tgt Ion:131 Resp: 91948

Ion Ratio Lower Upper

131 100

133 93.7 47.3 141.8

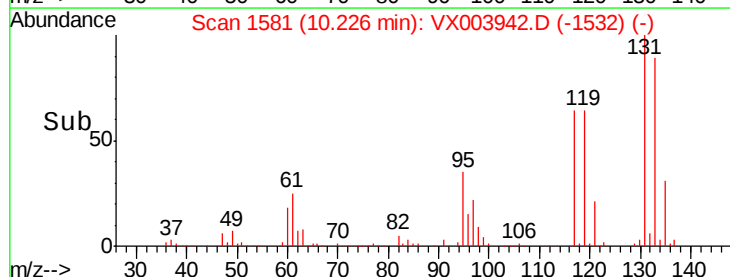
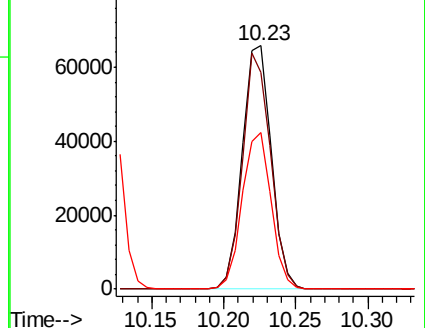
119 64.0 31.6 94.8

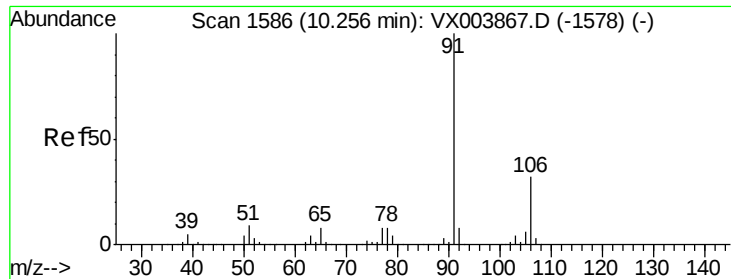


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

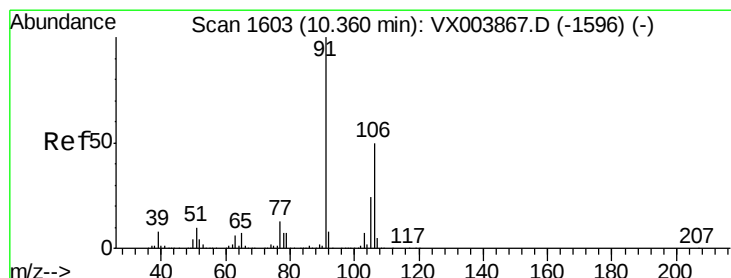
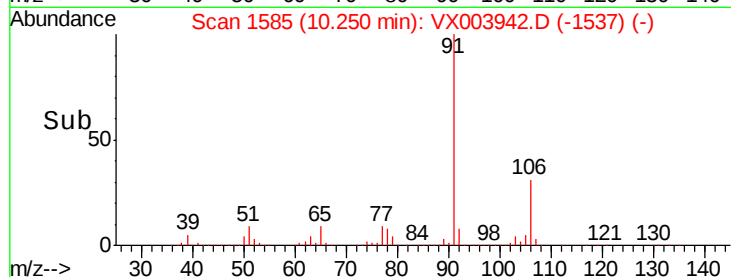
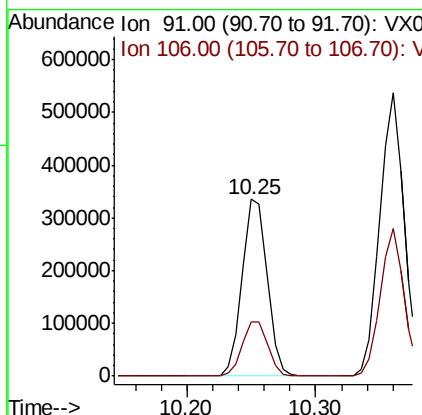
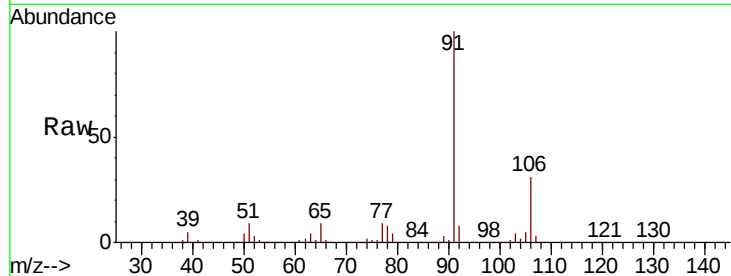




#67
Ethyl Benzene
Concen: 19.39 ug/l
RT: 10.25 min Scan# 1585
Delta R.T. -0.01 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

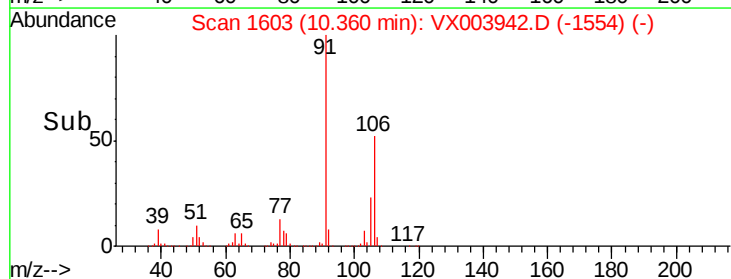
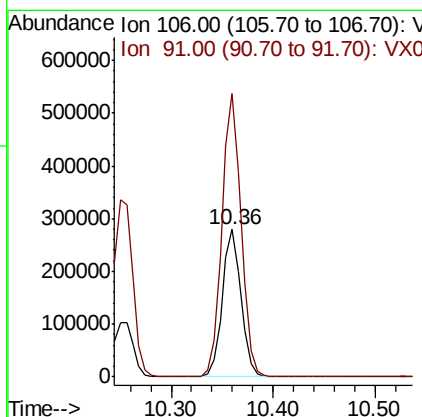
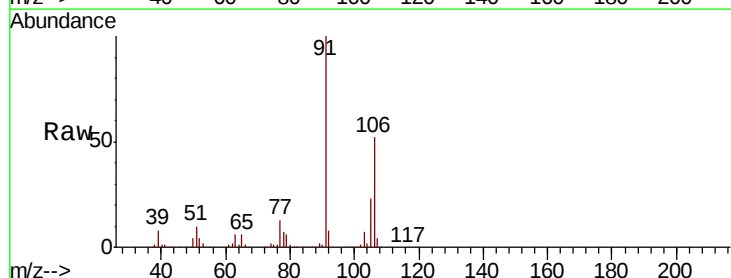
Instrument :
MSVOA_X
ClientSampled :
VX0809WBS01

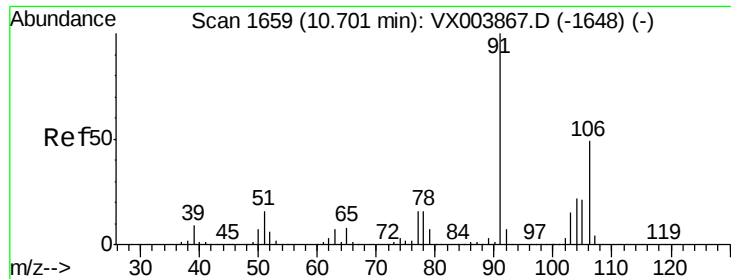
Tot Ion: 91 Resp: 450421
Ion Ratio Lower Upper
91 100
106 30.9 25.9 38.9



#68
m/p-Xylenes
Concen: 39.25 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

Tgt Ion: 106 Resp: 356257
Ion Ratio Lower Upper
106 100
91 196.9 162.3 243.5

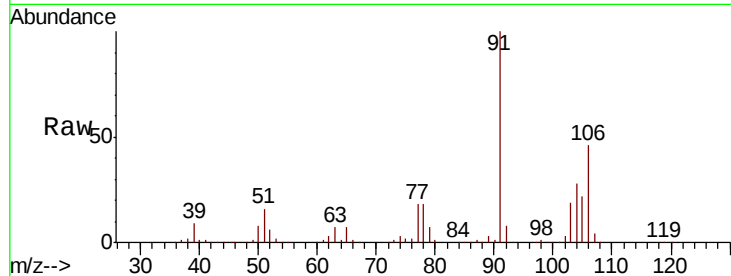




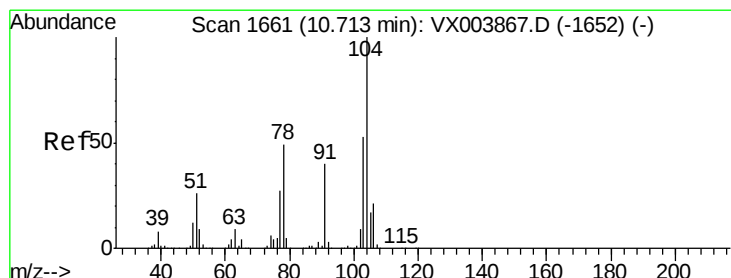
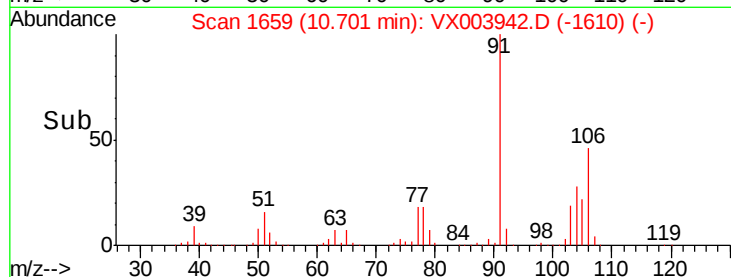
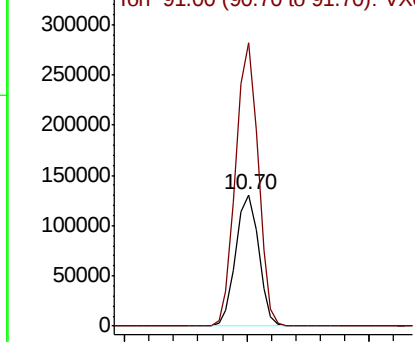
#69
o-Xylene
Concen: 19.82 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0809WBS01

Tot Ion:106 Resp: 169836
Ion Ratio Lower Upper
106 100
91 211.0 101.9 305.7

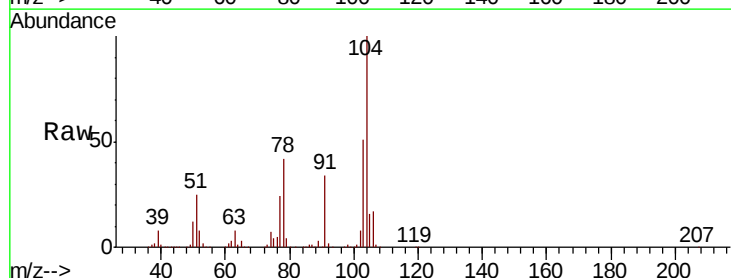


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

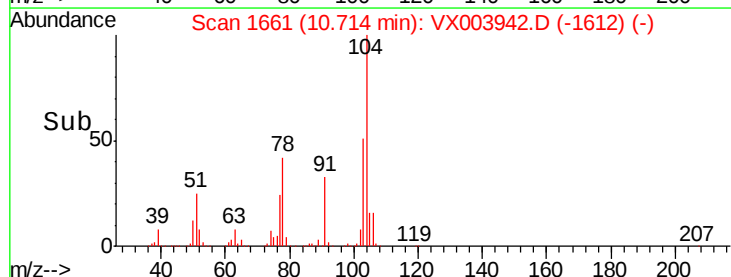
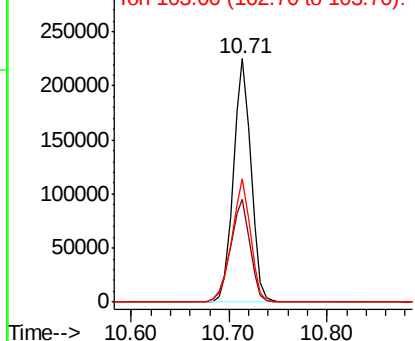


#70
Styrene
Concen: 19.99 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

Tgt Ion:104 Resp: 280431
Ion Ratio Lower Upper
104 100
78 47.0 39.8 59.6
103 54.2 44.3 66.5



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





#71

Bromoform

Concen: 18.81 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBS01

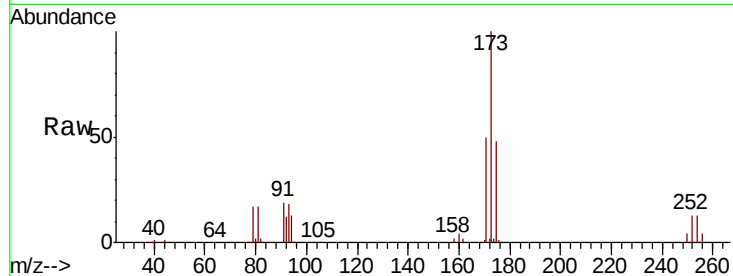
Tot Ion:173 Resp: 69835

Ion Ratio Lower Upper

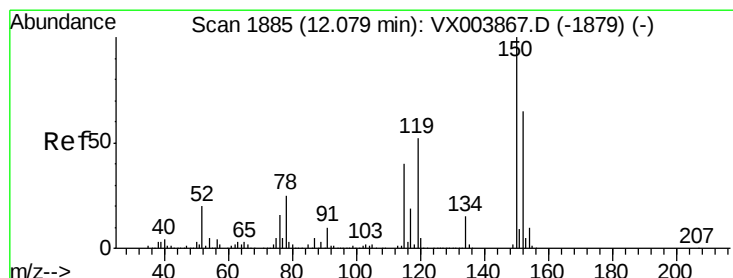
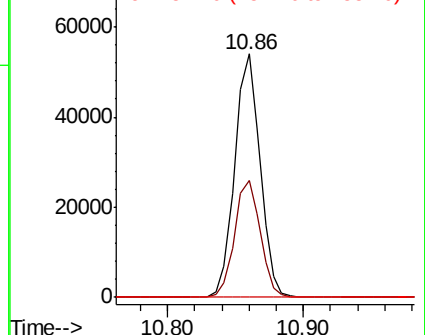
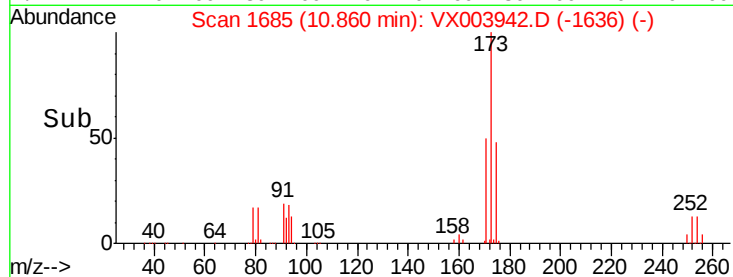
173 100

175 48.7 24.9 74.7

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

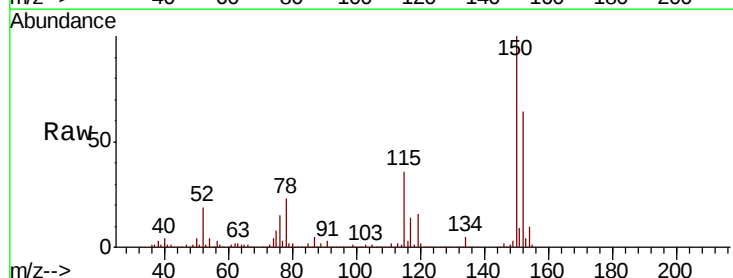
Tgt Ion:152 Resp: 334694

Ion Ratio Lower Upper

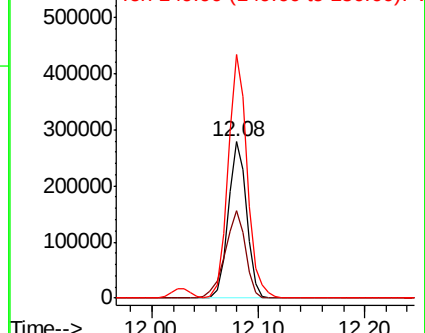
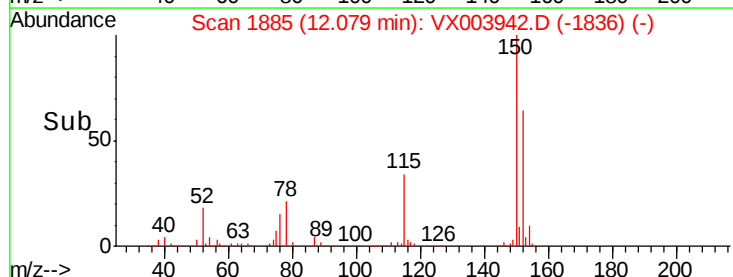
152 100

115 62.5 39.1 117.3

150 161.9 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: 18.59 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

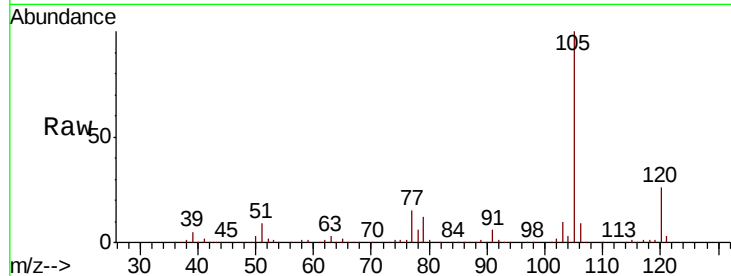
VX0809WBS01

Tot Ion:105 Resp: 460149

Ion Ratio Lower Upper

105 100

120 26.8 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

400000

300000

200000

100000

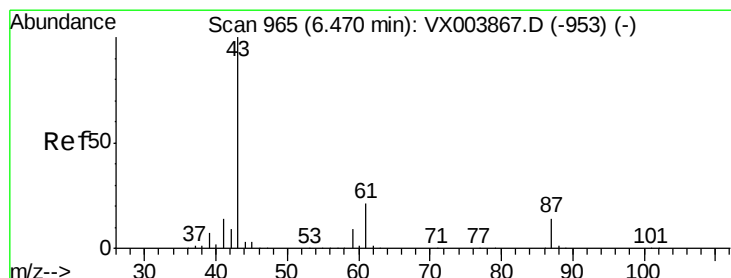
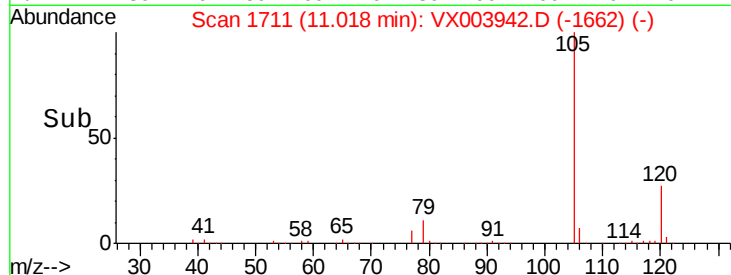
0

11.02

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 15.56 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Tgt Ion: 43 Resp: 200387

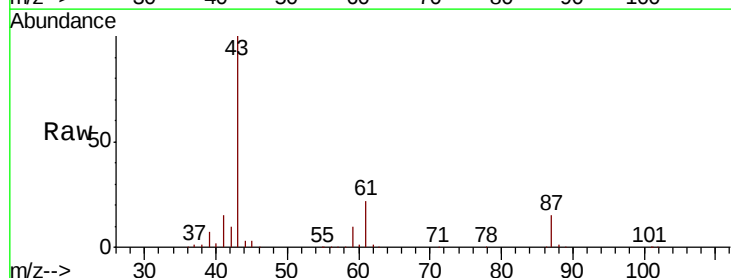
Ion Ratio Lower Upper

43 100

70 0.1 0.0 0.0#

55 0.2 0.1 0.1#

61 21.5 16.9 25.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

120000

100000

80000

60000

40000

20000

0

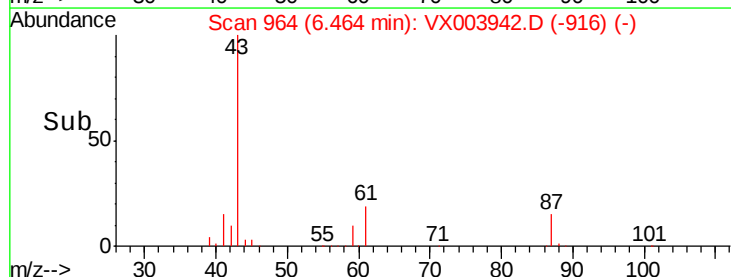
6.46

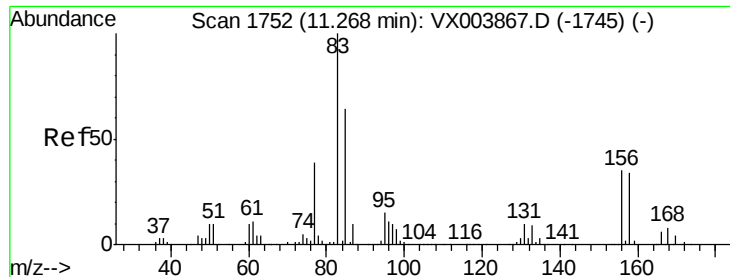
6.40

6.50

6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 17.33 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBS01

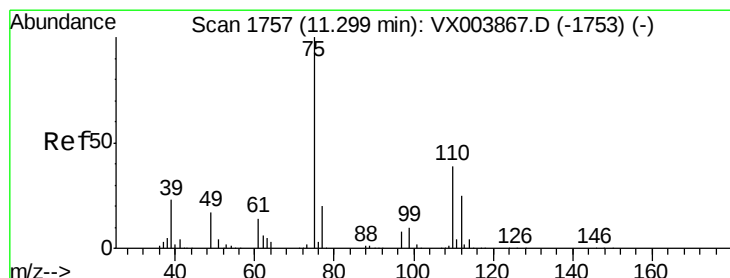
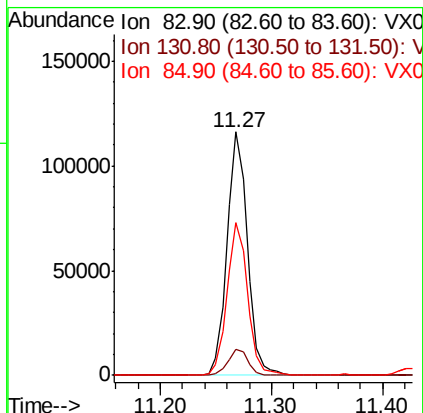
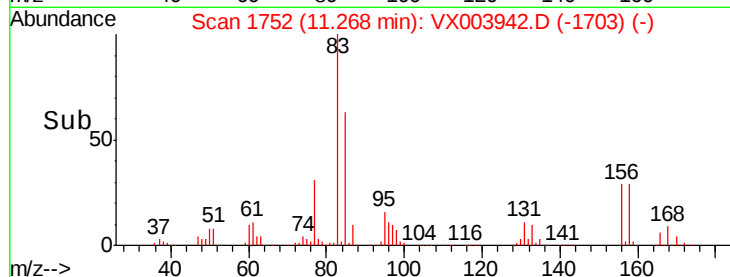
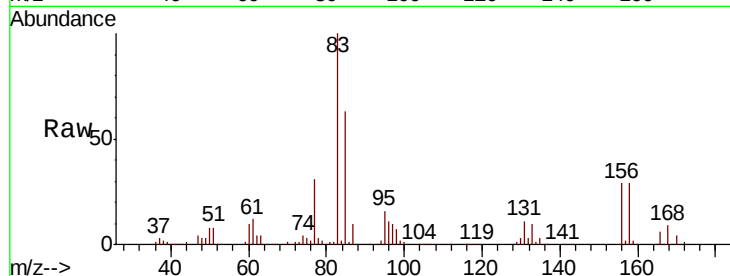
Tot Ion: 83 Resp: 147082

Ion Ratio Lower Upper

83 100

131 10.6 5.2 15.6

85 63.4 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 22.16 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003942.D

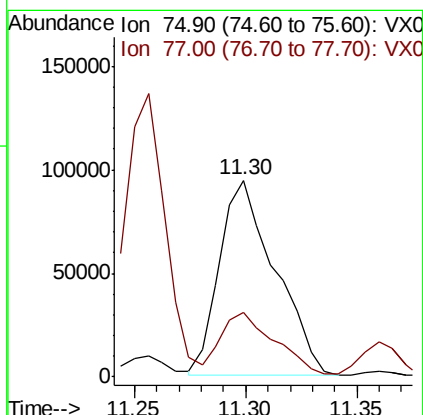
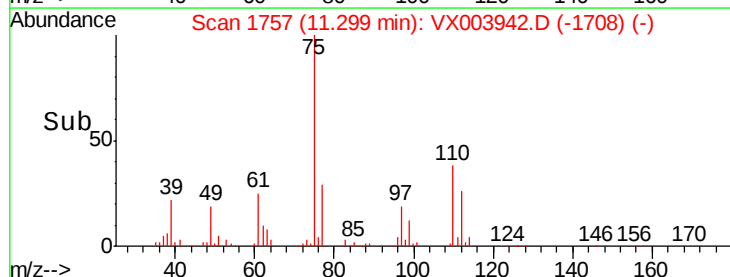
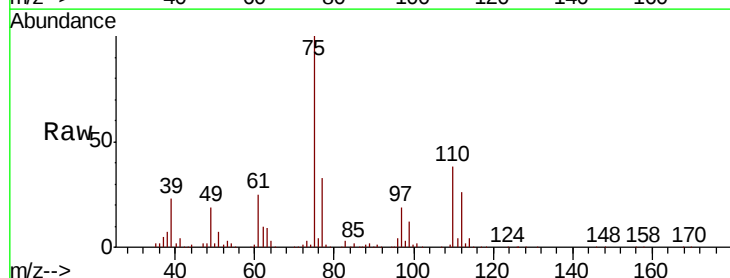
Acq: 09 Aug 2018 11:31

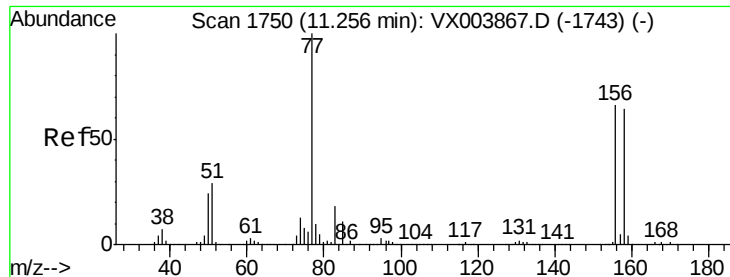
Tgt Ion: 75 Resp: 163826

Ion Ratio Lower Upper

75 100

77 32.4 20.8 62.5





#77

Bromobenzene

Concen: 18.01 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBS01

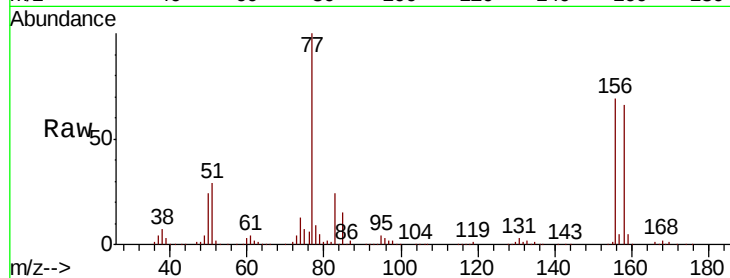
Tot Ion:156 Resp: 118939

Ion Ratio Lower Upper

156 100

77 147.1 74.1 222.2

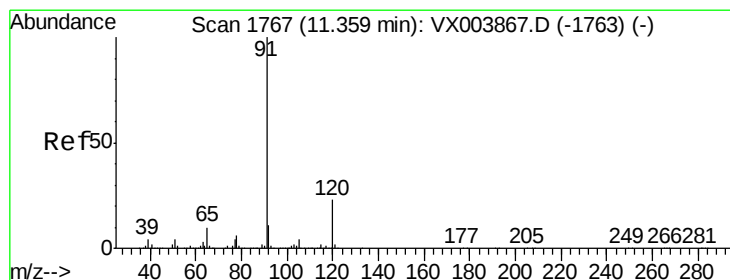
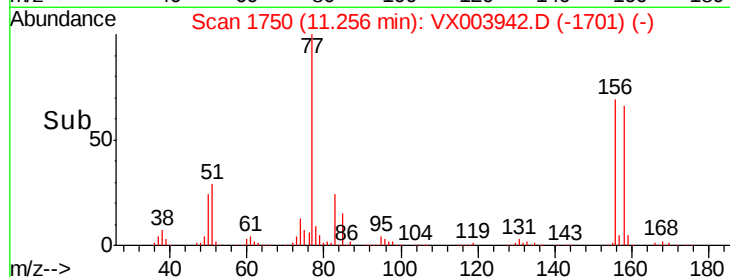
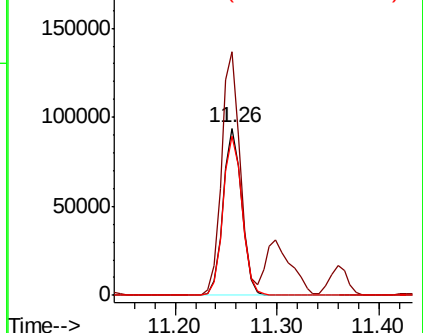
158 98.0 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.92 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003942.D

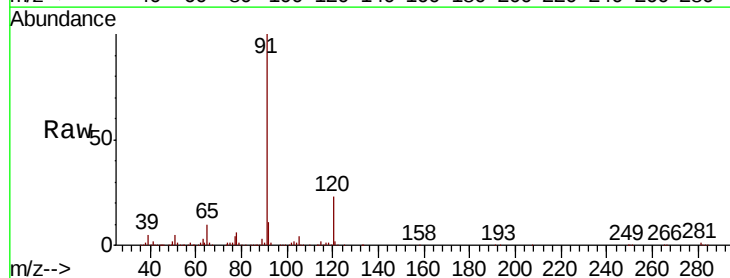
Acq: 09 Aug 2018 11:31

Tgt Ion: 91 Resp: 525918

Ion Ratio Lower Upper

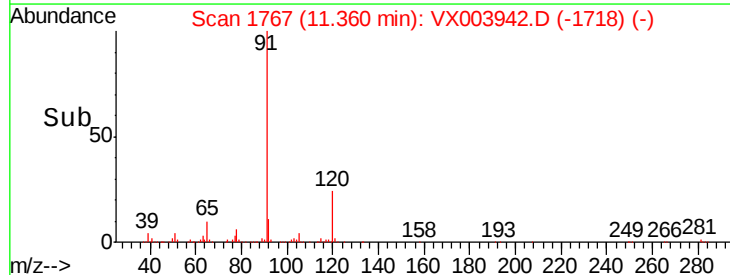
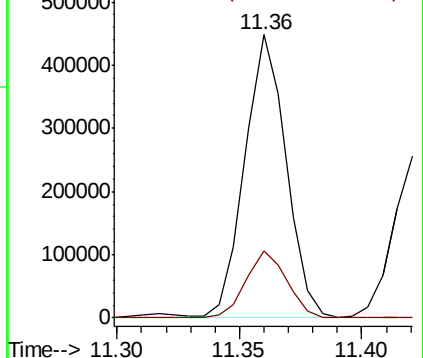
91 100

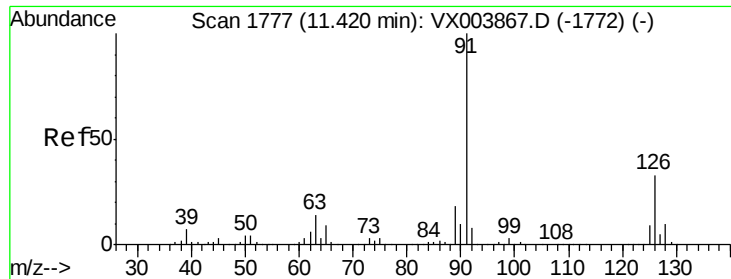
120 23.4 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

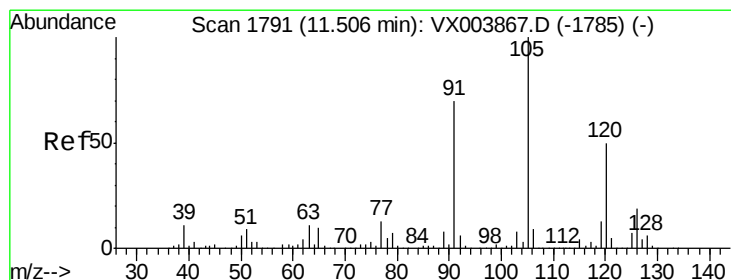
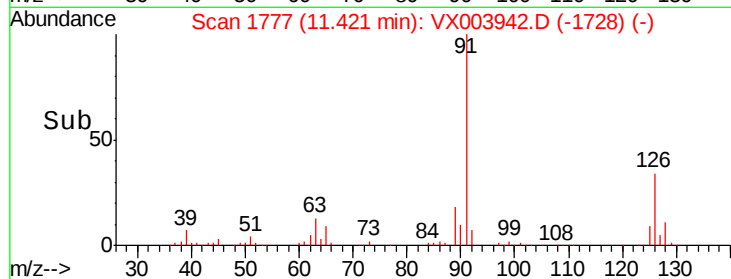
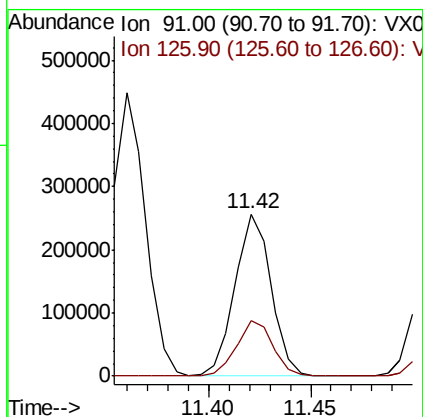
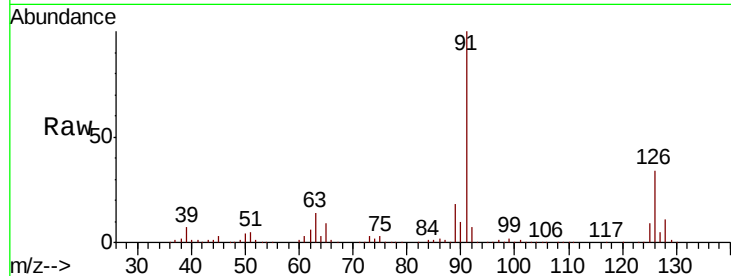




#79
 2-Chlorotoluene
 Concen: 18.43 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

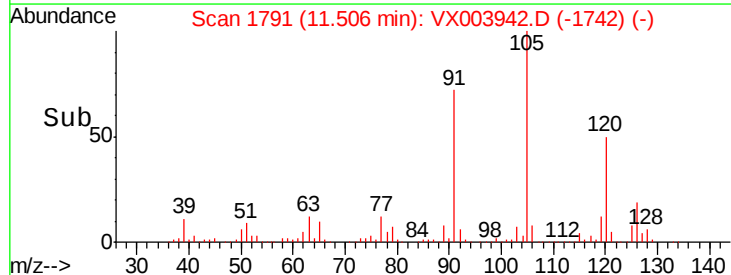
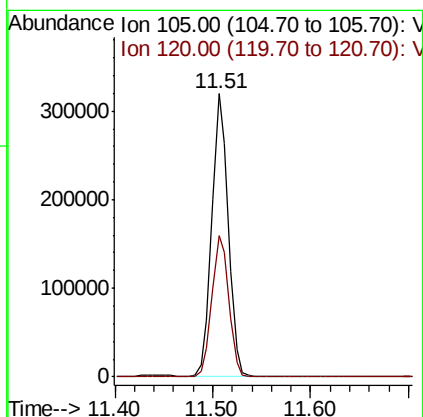
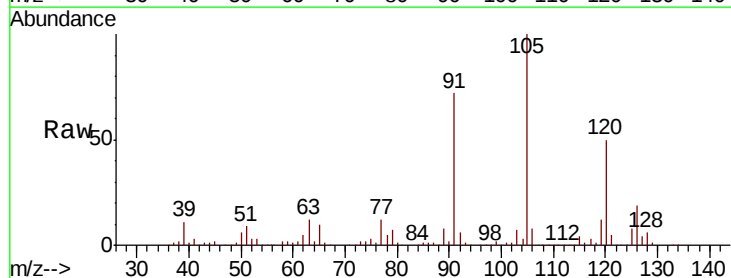
Instrument :
 MSVOA_X
 ClientSampled :
 VX0809WBS01

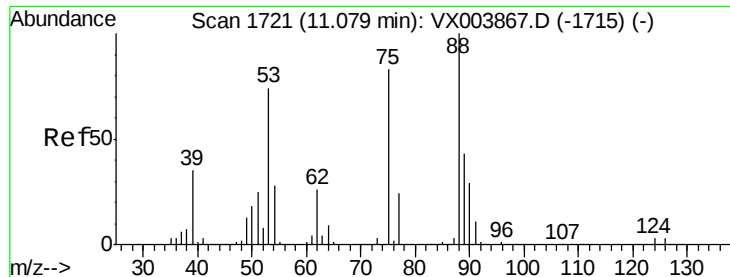
Tot Ion: 91 Resp: 312398
 Ion Ratio Lower Upper
 91 100
 126 34.5 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 18.49 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

Tgt Ion:105 Resp: 373200
 Ion Ratio Lower Upper
 105 100
 120 51.5 25.4 76.2





#81

trans-1,4-Dichloro-2-butene

Concen: 16.73 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBS01

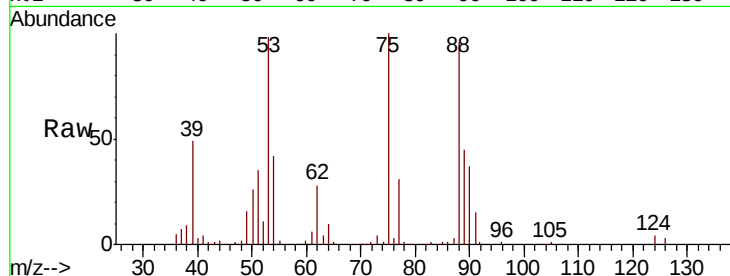
Tot Ion: 75 Resp: 41278

Ion Ratio Lower Upper

75 100

53 102.5 80.3 120.5

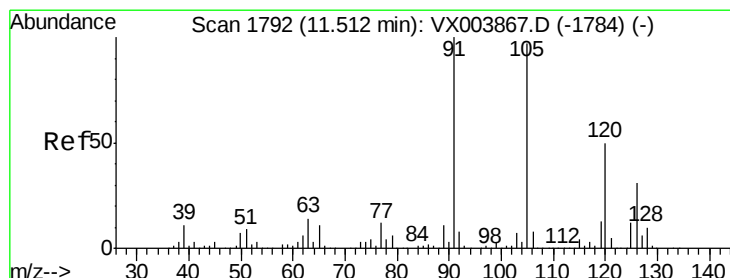
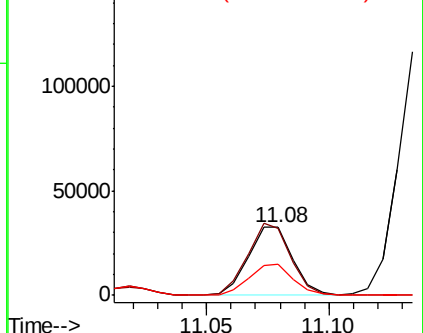
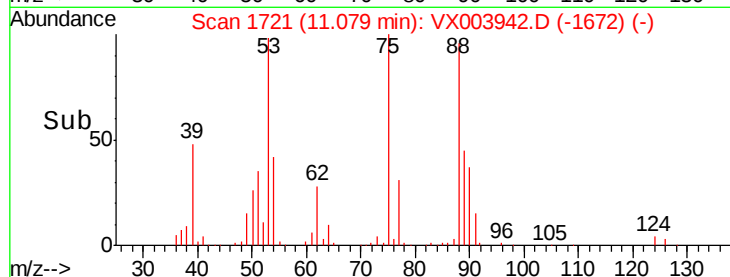
89 45.6 37.8 56.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.28 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003942.D

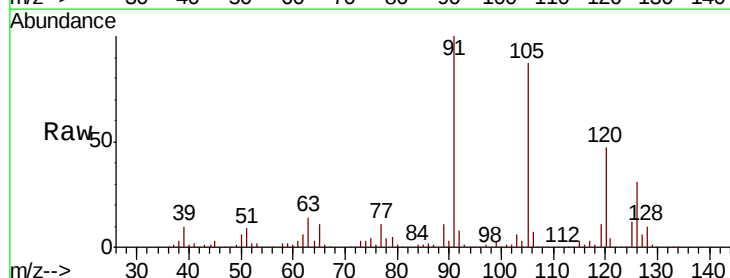
Acq: 09 Aug 2018 11:31

Tgt Ion: 91 Resp: 363127

Ion Ratio Lower Upper

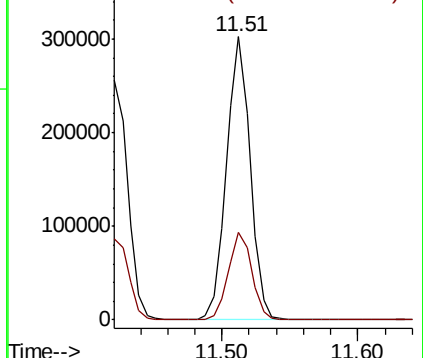
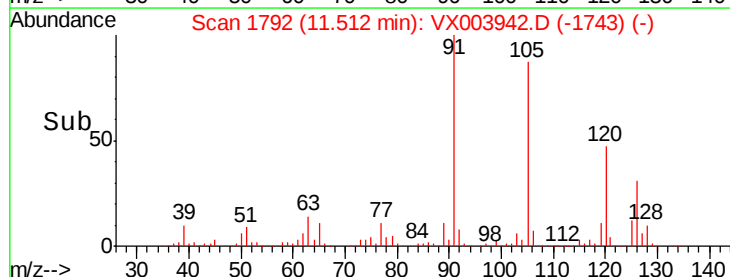
91 100

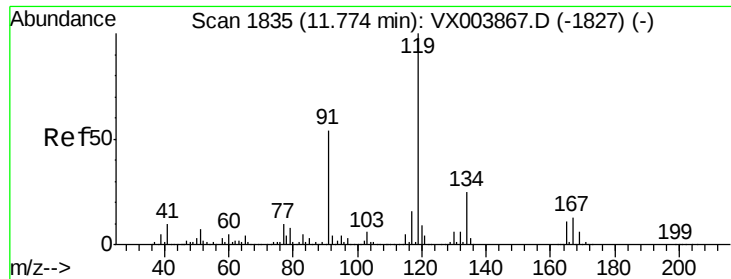
126 30.9 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

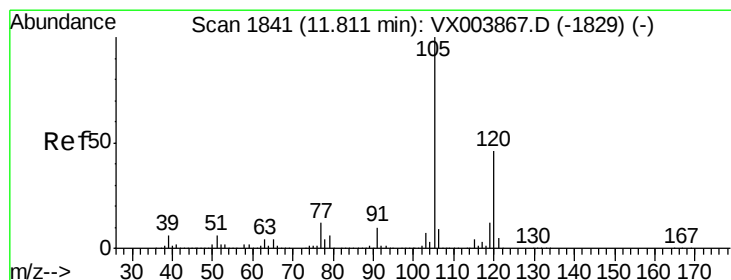
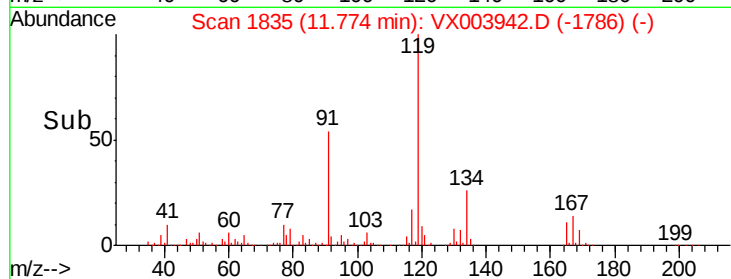
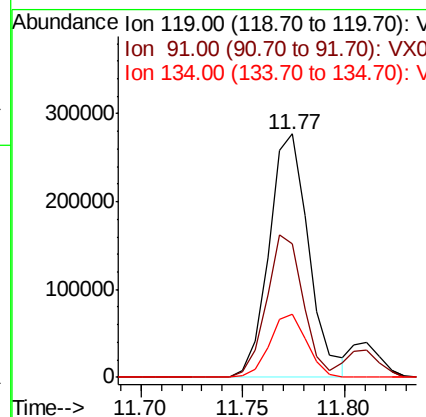
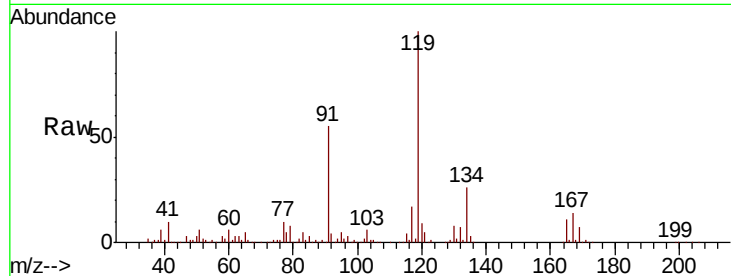




#83
 tert-Butylbenzene
 Concen: 18.91 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

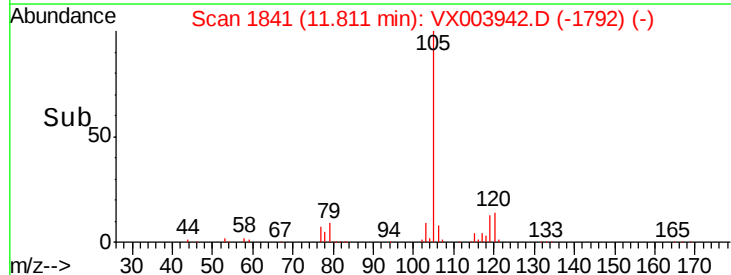
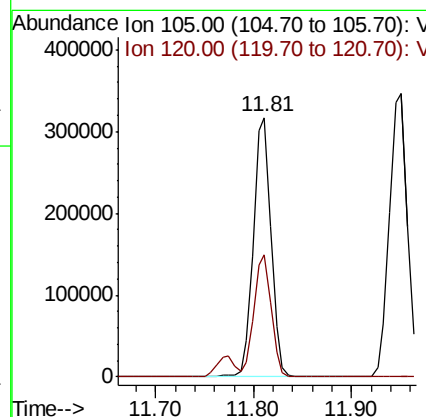
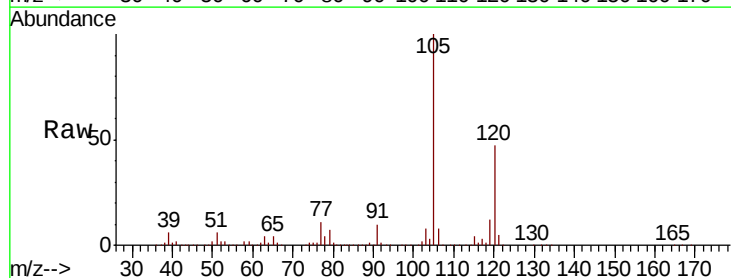
Instrument :
 MSVOA_X
 ClientSampled :
 VX0809WBS01

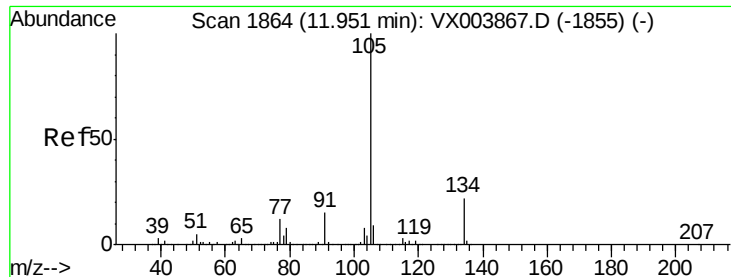
Tot Ion:119 Resp: 375511
 Ion Ratio Lower Upper
 119 100
 91 54.1 26.9 80.7
 134 24.5 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 19.55 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

Tgt Ion:105 Resp: 396919
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.1 69.2





#85

sec-Butylbenzene

Concen: 18.91 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

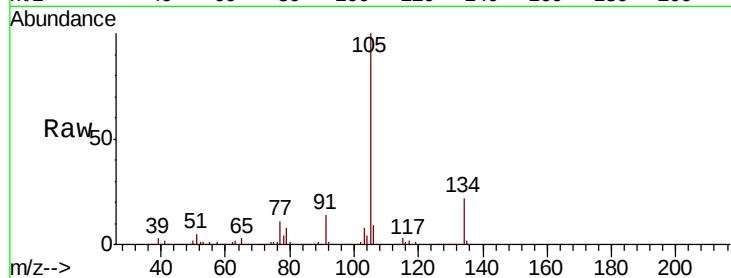
VX0809WBS01

Tot Ion:105 Resp: 443252

Ion Ratio Lower Upper

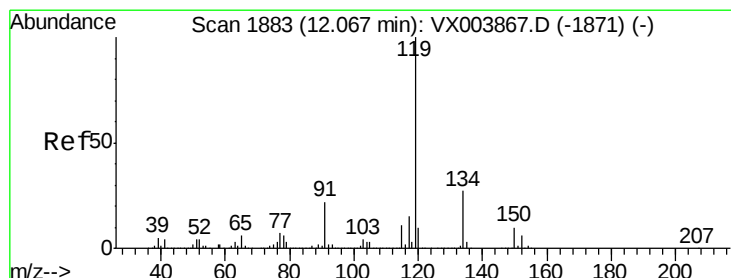
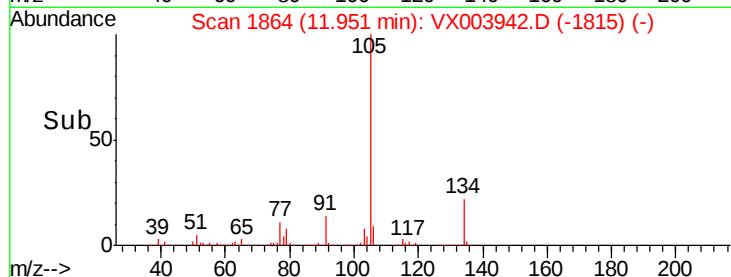
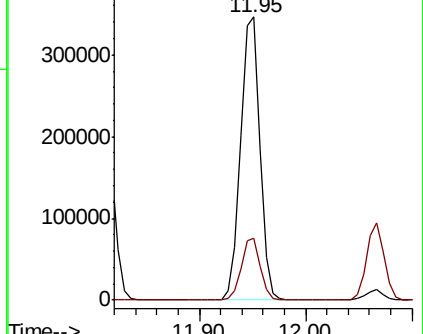
105 100

134 21.4 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.42 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

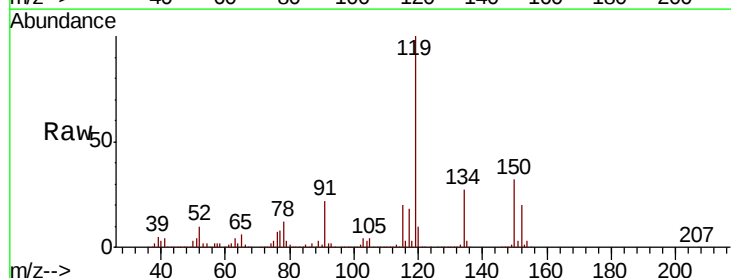
Tgt Ion:119 Resp: 408411

Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

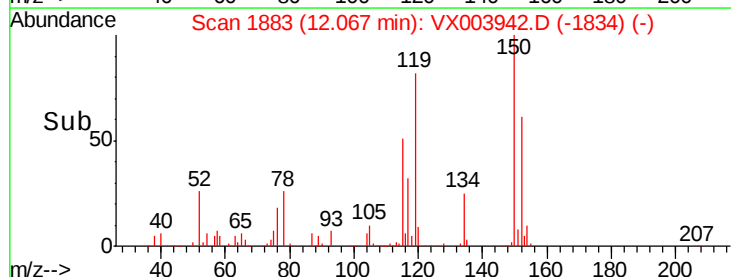
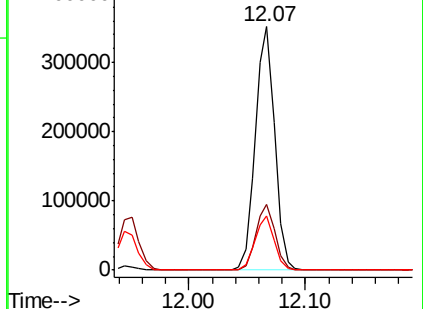
91 22.0 10.9 32.7

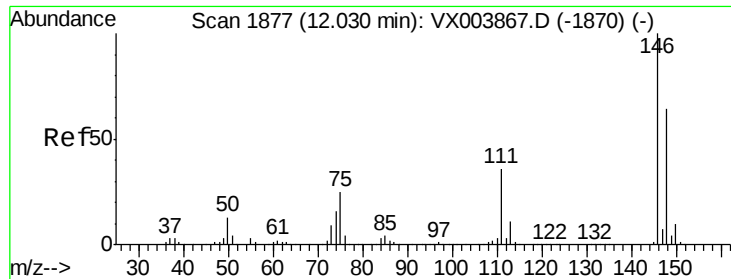


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

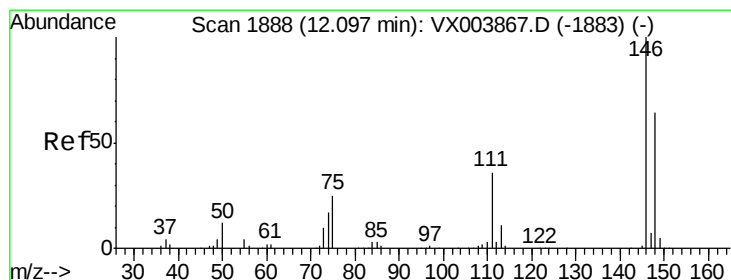
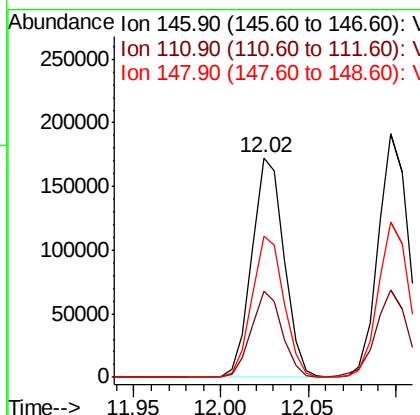
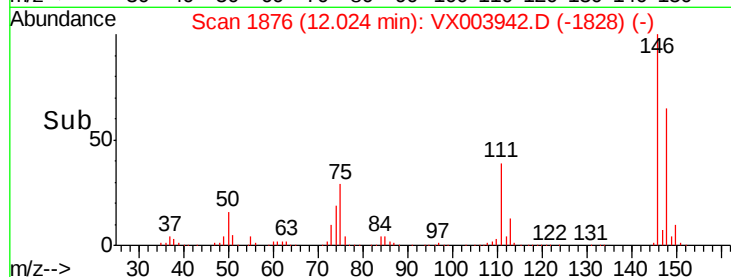
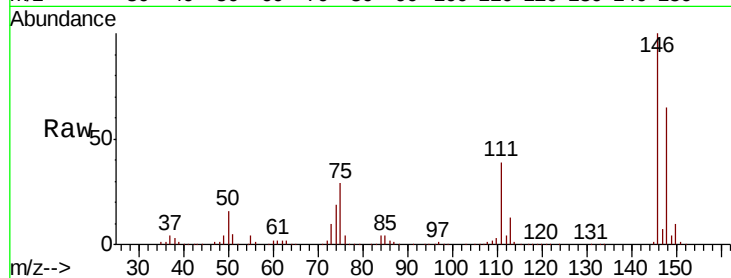




#87
 1,3-Dichlorobenzene
 Concen: 18.09 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.01 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

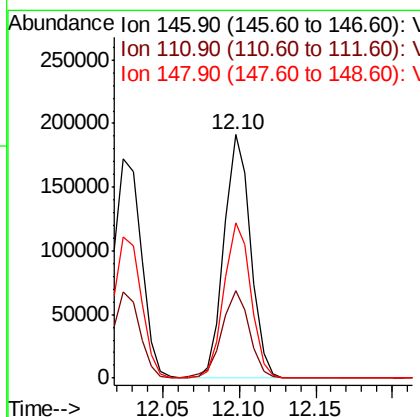
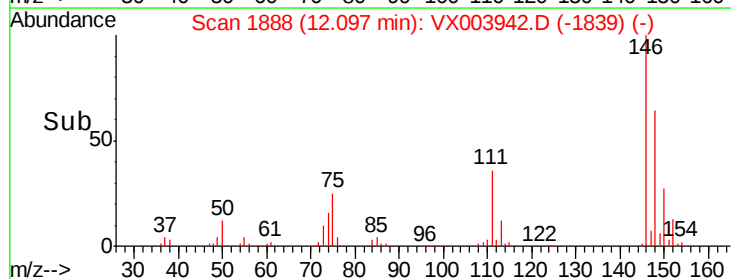
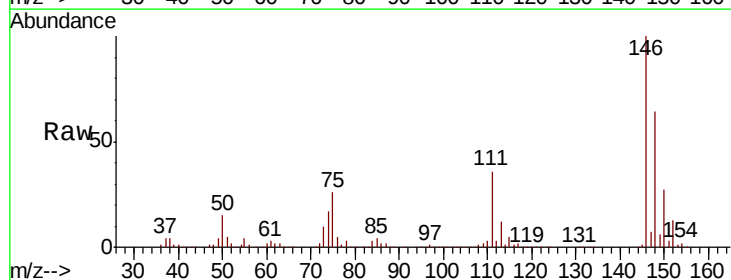
Instrument :
 MSVOA_X
 ClientSampled :
 VX0809WBS01

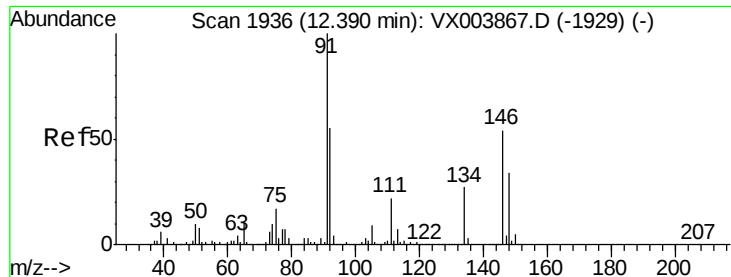
Tot Ion:146 Resp: 220901
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.8 56.4
 148 63.9 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 19.43 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

Tgt Ion:146 Resp: 229430
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.4 55.0
 148 64.9 32.3 96.8

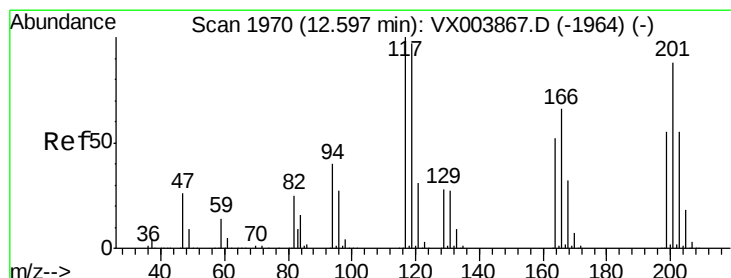
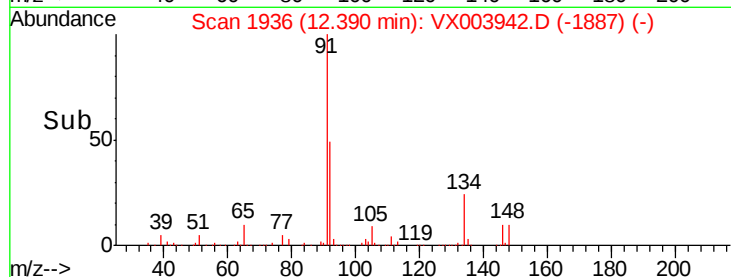
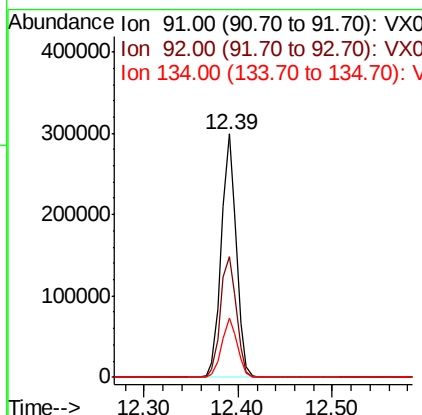
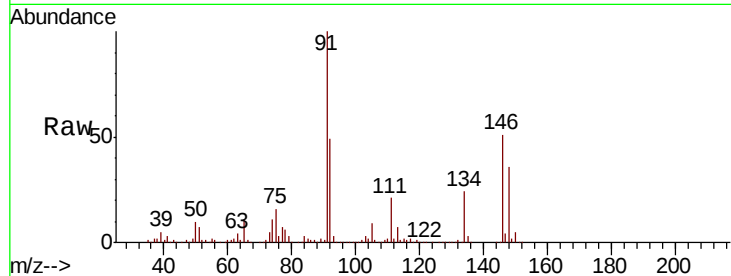




#89
n-Butylbenzene
Concen: 17.97 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

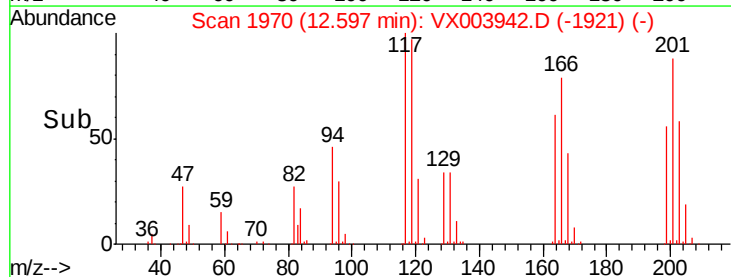
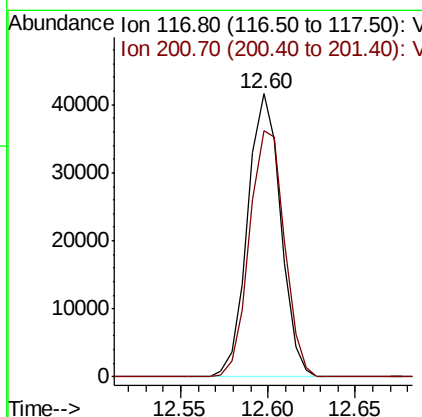
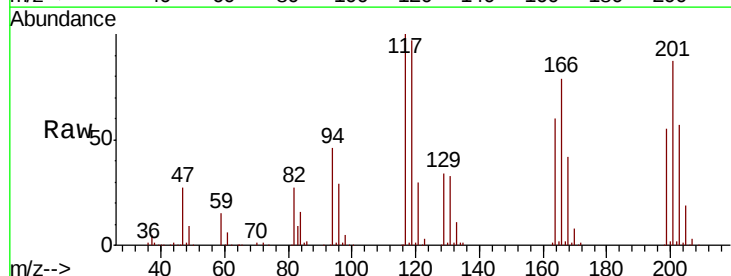
Instrument :
MSVOA_X
ClientSampleId :
VX0809WBS01

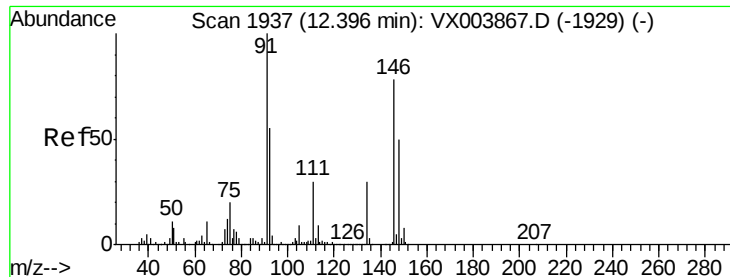
Tot Ion: 91 Resp: 329273
Ion Ratio Lower Upper
91 100
92 53.0 27.1 81.3
134 25.3 13.6 40.7



#90
Hexachloroethane
Concen: 16.06 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

Tgt Ion: 117 Resp: 54833
Ion Ratio Lower Upper
117 100
201 91.8 46.1 138.2





#91

1,2-Dichlorobenzene

Concen: 17.12 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBS01

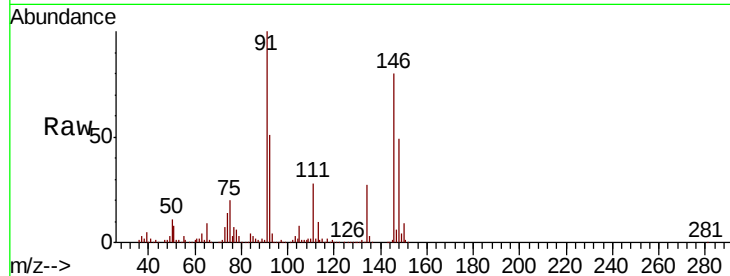
Tot Ion:146 Resp: 207151

Ion Ratio Lower Upper

146 100

111 38.3 19.7 59.0

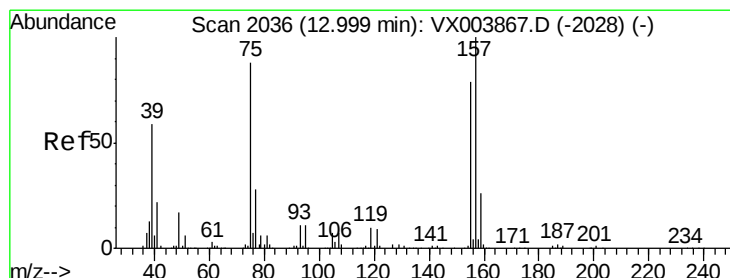
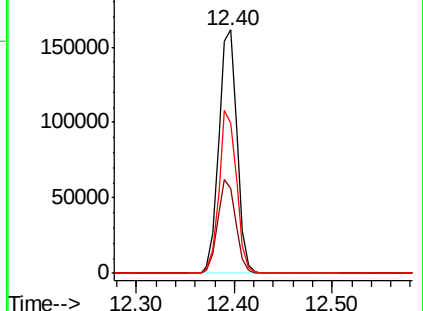
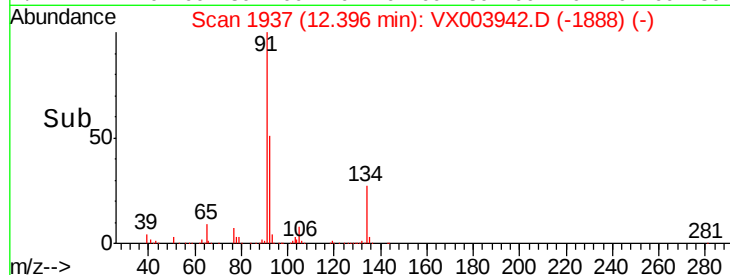
148 64.4 31.9 95.5



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: 14.96 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

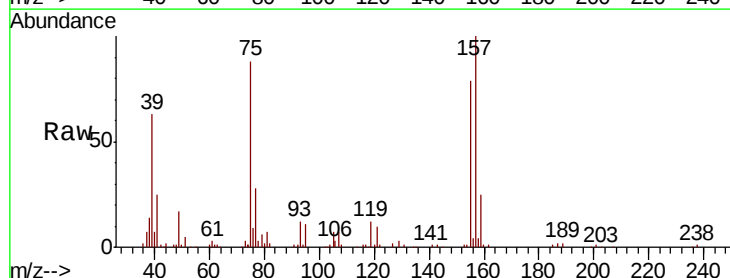
Tgt Ion: 75 Resp: 26015

Ion Ratio Lower Upper

75 100

155 96.6 48.7 146.1

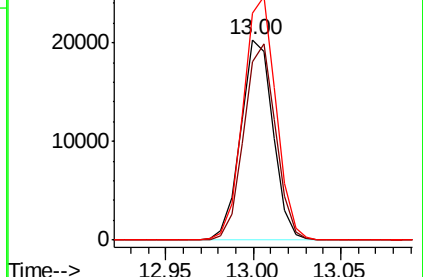
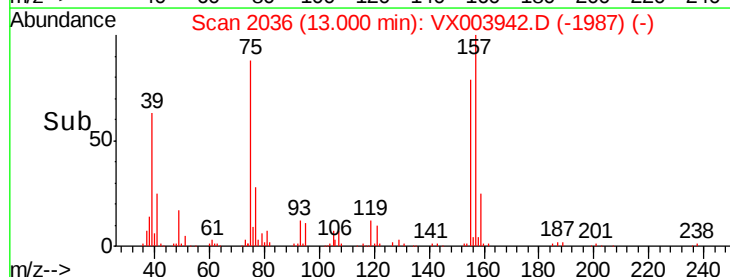
157 123.4 62.6 187.8

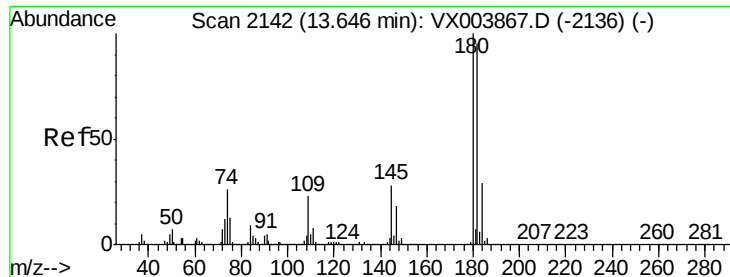


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

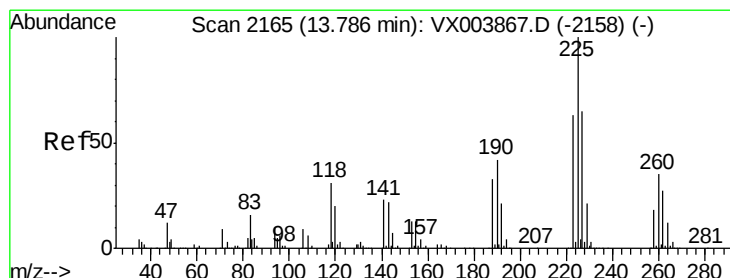
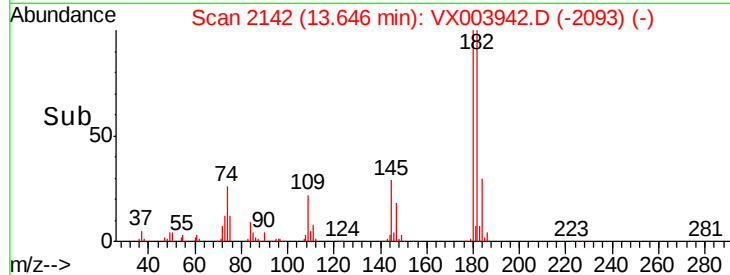
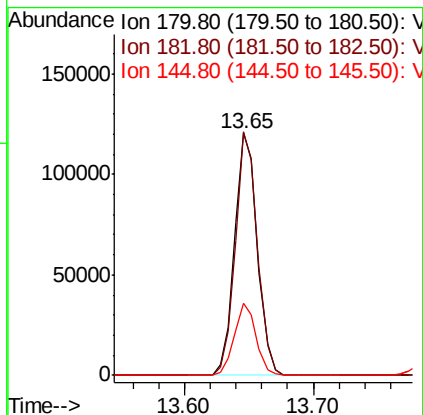
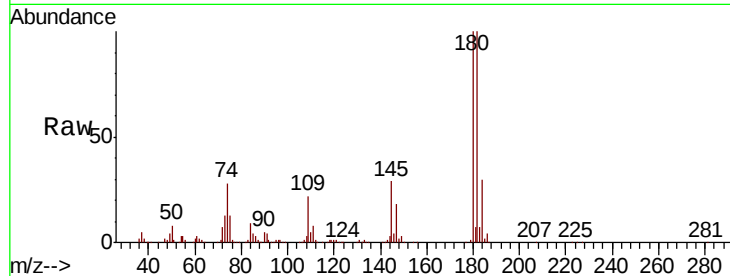




#93
 1,2,4-Trichlorobenzene
 Concen: 16.99 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

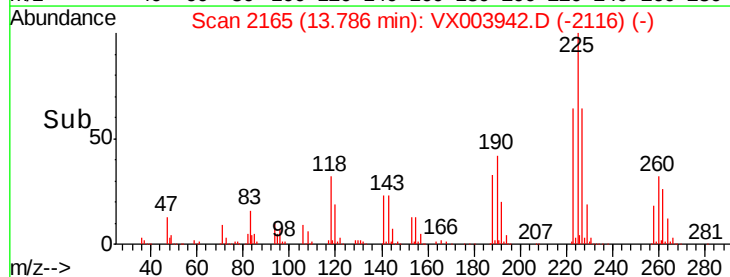
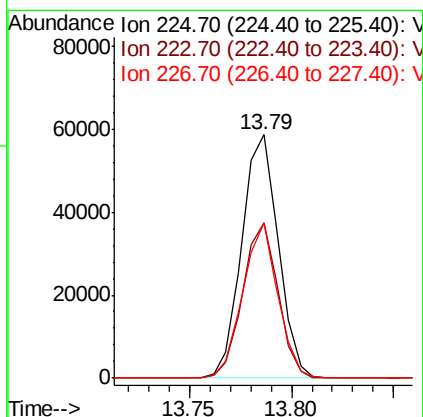
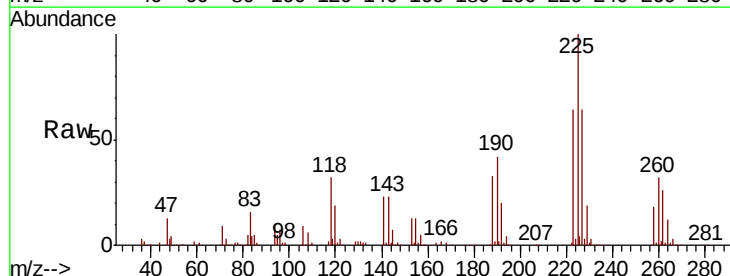
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS01

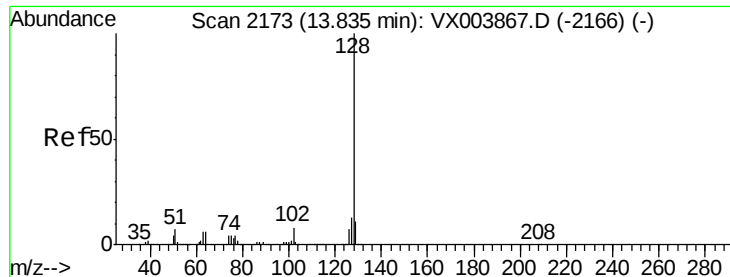
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.5	47.7	143.1
145	28.8	13.9	41.6



#94
 Hexachlorobutadiene
 Concen: 19.23 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	31.4	94.0
227	61.1	32.1	96.5





#95

Naphthalene

Concen: 18.47 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBS01

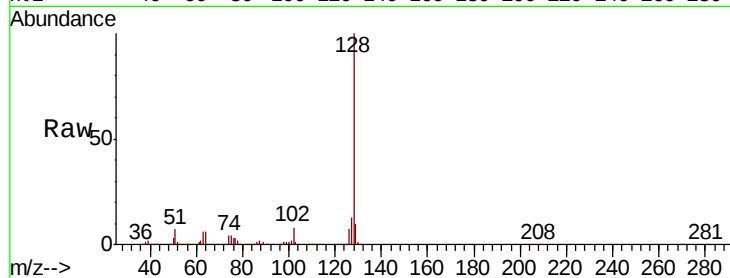
Tot Ion:128 Resp: 460534

Ion Ratio Lower Upper

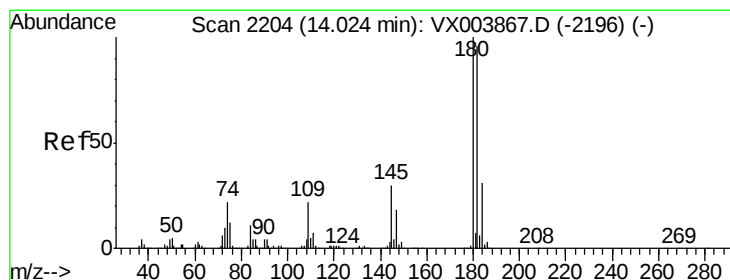
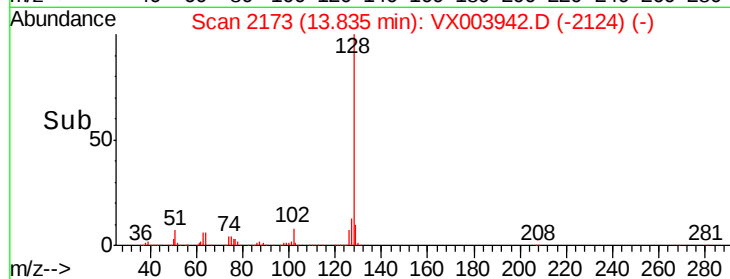
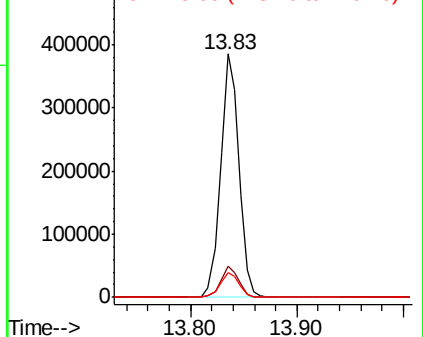
128 100

127 12.5 10.2 15.2

129 10.6 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.69 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

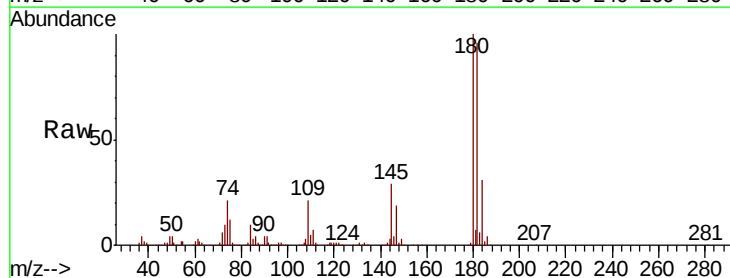
Tgt Ion:180 Resp: 162378

Ion Ratio Lower Upper

180 100

182 95.7 48.1 144.4

145 29.5 14.9 44.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

