

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110918\
 Data File : VX005857.D
 Acq On : 09 Nov 2018 13:19
 Operator : JC/MD
 Sample : VX1109WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBSD01

Quant Time: Nov 11 23:49:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	109569	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	153296	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	136366	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	73998	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	63761	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
35) Dibromofluoromethane	5.50	113	52049	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
50) Toluene-d8	8.71	98	179540	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
62) 4-Bromofluorobenzene	11.14	95	66103	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	21214	21.474	ug/l 96
3) Chloromethane	1.32	50	27559	21.257	ug/l 97
4) Vinyl Chloride	1.40	62	25840	19.853	ug/l 99
5) Bromomethane	1.64	94	15642	19.639	ug/l 86
6) Chloroethane	1.73	64	17531	22.574	ug/l 98
7) Trichlorofluoromethane	1.93	101	37154	21.506	ug/l 95
8) Diethyl Ether	2.18	74	14799	21.861	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	20755	20.888	ug/l 98
10) Methyl Iodide	2.51	142	22589	18.758	ug/l 98
11) Tert butyl alcohol	3.06	59	37333	103.461	ug/l 98
12) 1,1-Dichloroethene	2.37	96	19032	19.652	ug/l 91
13) Acrolein	2.29	56	14532	97.151	ug/l 99
14) Allyl chloride	2.73	41	43831	20.264	ug/l 99
15) Acrylonitrile	3.15	53	76262	101.981	ug/l 98
16) Acetone	2.45	43	73404	108.230	ug/l 94
17) Carbon Disulfide	2.57	76	57497	19.904	ug/l 96
18) Methyl Acetate	2.78	43	40540	21.458	ug/l 100
19) Methyl tert-butyl Ether	3.20	73	71855	21.738	ug/l 93
20) Methylene Chloride	2.85	84	21876	19.636	ug/l 98
21) trans-1,2-Dichloroethene	3.17	96	20230	19.804	ug/l 94
22) Diisopropyl ether	3.87	45	80006	21.115	ug/l 96
23) Vinyl Acetate	3.82	43	342682	105.479	ug/l 99
24) 1,1-Dichloroethane	3.70	63	42224	20.887	ug/l 98
25) 2-Butanone	4.70	43	108337	101.604	ug/l 100
26) 2,2-Dichloropropane	4.57	77	32695	22.048	ug/l 97
27) cis-1,2-Dichloroethene	4.59	96	22670	20.099	ug/l 97
28) Bromochloromethane	5.01	49	19286	21.347	ug/l 91
29) Tetrahydrofuran	5.15	42	70340	102.742	ug/l 99
30) Chloroform	5.22	83	39460	20.232	ug/l 91
31) Cyclohexane	5.57	56	35086	19.994	ug/l 97
32) 1,1,1-Trichloroethane	5.49	97	33703	20.718	ug/l 99
36) 1,1-Dichloropropene	5.79	75	27862	18.854	ug/l 99
37) Ethyl Acetate	4.85	43	39076	20.108	ug/l 99
38) Carbon Tetrachloride	5.78	117	28867	19.512	ug/l 86

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBSD01

Quant Time: Nov 11 23:49:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	30667	20.475	ug/l	97
40) Benzene	6.14	78	87389	20.285	ug/l	99
41) Methacrylonitrile	5.05	41	22014	20.964	ug/l	99
42) 1,2-Dichloroethane	6.20	62	33323	21.595	ug/l	100
43) Isopropyl Acetate	6.46	43	55917	19.857	ug/l	98
44) Trichloroethene	7.21	130	22153	20.248	ug/l	100
45) 1,2-Dichloropropane	7.51	63	22589	21.602	ug/l #	89
46) Dibromomethane	7.66	93	14029	21.380	ug/l	99
47) Bromodichloromethane	7.90	83	26928	21.715	ug/l	98
48) Methyl methacrylate	7.77	41	27117	21.446	ug/l	99
49) 1,4-Dioxane	7.75	88	11874	435.804	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	184758	104.106	ug/l	100
52) Toluene	8.79	92	50075	20.797	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	30046	20.532	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	32381	21.709	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	20580	19.178	ug/l	98
56) Ethyl methacrylate	9.18	69	30927	19.262	ug/l	99
57) 1,3-Dichloropropane	9.37	76	34981	19.398	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	92043	109.998	ug/l	98
59) 2-Hexanone	9.49	43	145073	92.738	ug/l	100
60) Dibromochloromethane	9.59	129	21253	18.326	ug/l	100
61) 1,2-Dibromoethane	9.67	107	21656	18.251	ug/l	99
64) Tetrachloroethene	9.34	164	21778	18.758	ug/l	99
65) Chlorobenzene	10.14	112	56109	20.539	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	20636	21.728	ug/l	99
67) Ethyl Benzene	10.25	91	94095	21.480	ug/l	99
68) m/p-Xylenes	10.36	106	73915	44.236	ug/l	99
69) o-Xylene	10.70	106	34592	23.087	ug/l	98
70) Styrene	10.71	104	58008	23.469	ug/l	99
71) Bromoform	10.86	173	17703	22.235	ug/l #	98
73) Isopropylbenzene	11.02	105	95411	22.296	ug/l	99
74) N-amyl acetate	10.90	43	46531	20.145	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	33381	21.253	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	40243	26.708	ug/l	85
77) Bromobenzene	11.26	156	25334	21.004	ug/l	98
78) n-propylbenzene	11.36	91	110656	21.942	ug/l	99
79) 2-Chlorotoluene	11.42	91	66452	21.800	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	81649	22.453	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	9846	20.827	ug/l	96
82) 4-Chlorotoluene	11.51	91	79208	22.048	ug/l	99
83) tert-Butylbenzene	11.77	119	79866	21.709	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	83772	20.804	ug/l	100
85) sec-Butylbenzene	11.94	105	96711	21.497	ug/l	100
86) p-Isopropyltoluene	12.07	119	87142	21.868	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	46790	20.214	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	48061	20.282	ug/l	99
89) n-Butylbenzene	12.39	91	74396	20.144	ug/l	99
90) Hexachloroethane	12.60	117	14363	21.589	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	46853	20.205	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	8005	20.885	ug/l	99

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Instrument :
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Quant Time: Nov 11 23:49:19 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	33926	20.783	ug/l	100
94) Hexachlorobutadiene	13.78	225	17182	20.037	ug/l	99
95) Naphthalene	13.83	128	102752	20.024	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	34881	20.974	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Instrument :

MSVOA_X

ClientSampleId :

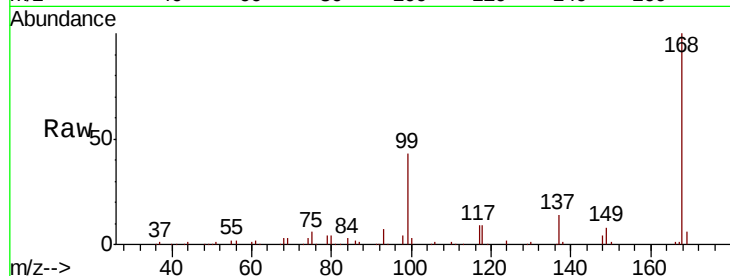
VX1109WBSD01

Tot Ion:168 Resp: 109569

Ion Ratio Lower Upper

168 100

99 43.3 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

40000

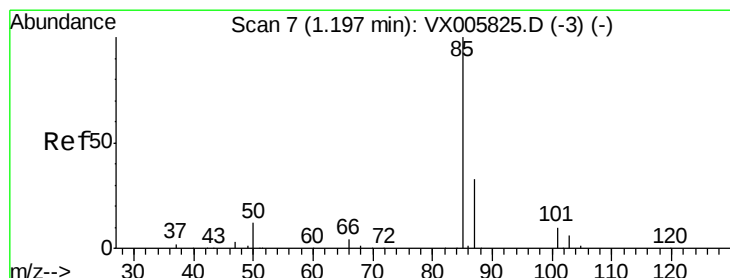
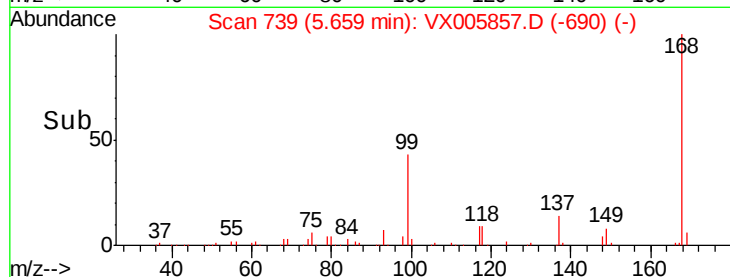
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 21.474 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005857.D

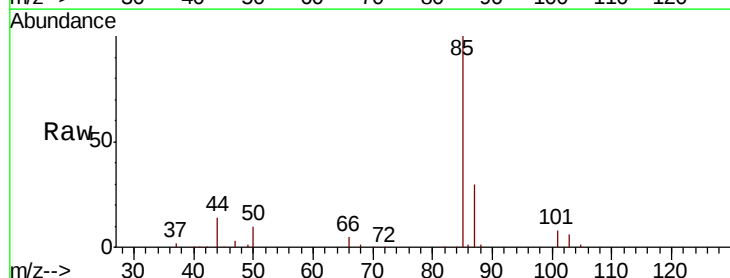
Acq: 09 Nov 2018 13:19

Tgt Ion: 85 Resp: 21214

Ion Ratio Lower Upper

85 100

87 30.3 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

25000

20000

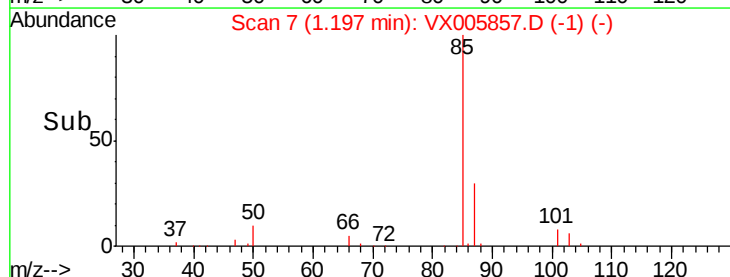
15000

10000

5000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 21.257 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Instrument :

MSVOA_X

ClientSampleId :

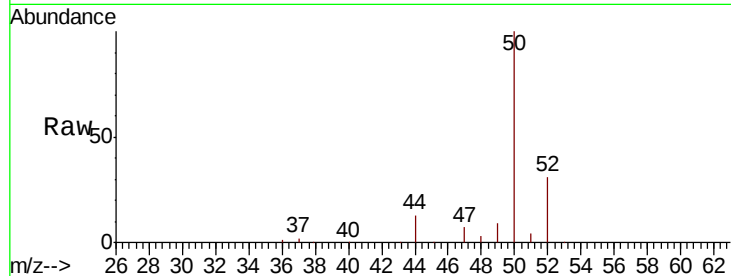
VX1109WBSD01

Tot Ion: 50 Resp: 27559

Ion Ratio Lower Upper

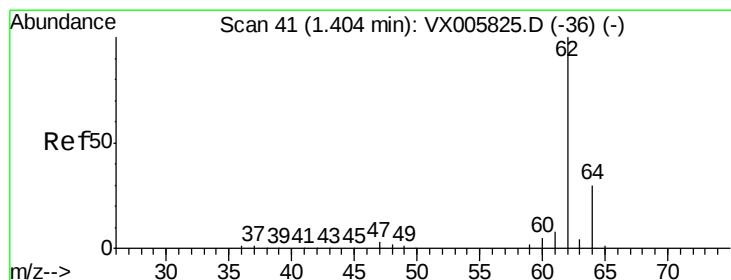
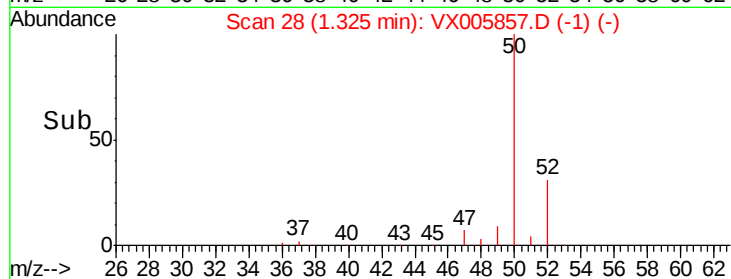
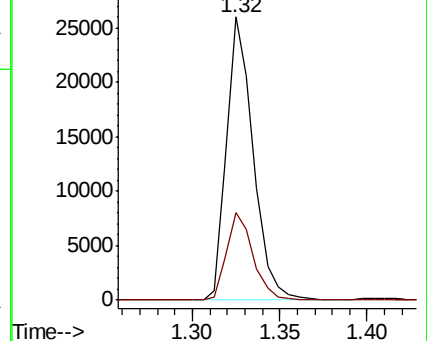
50 100

52 31.1 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.853 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005857.D

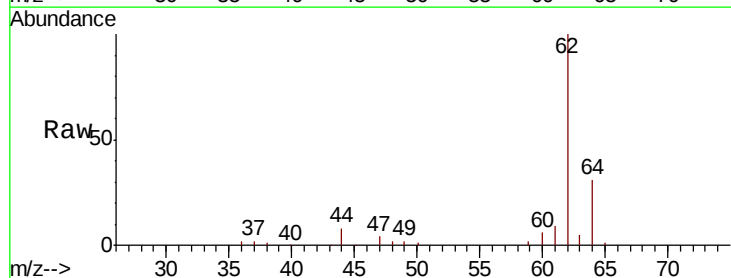
Acq: 09 Nov 2018 13:19

Tgt Ion: 62 Resp: 25840

Ion Ratio Lower Upper

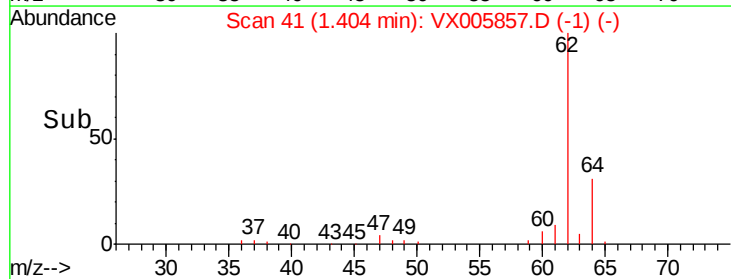
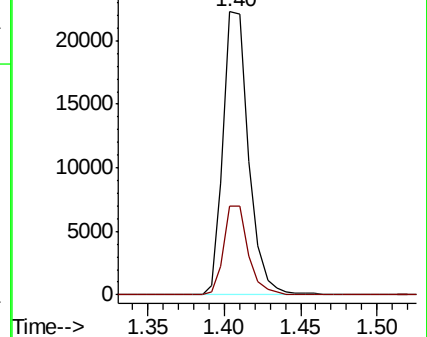
62 100

64 31.2 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.639 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Instrument :

MSVOA_X

ClientSampleId :

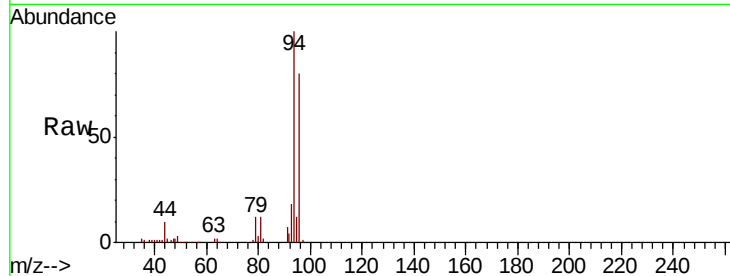
VX1109WBSD01

Tot Ion: 94 Resp: 15642

Ion Ratio Lower Upper

94 100

96 80.2 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

15000

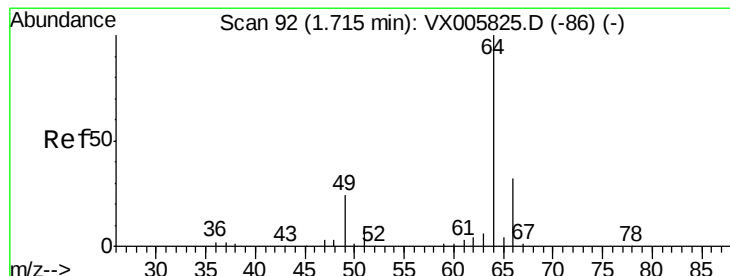
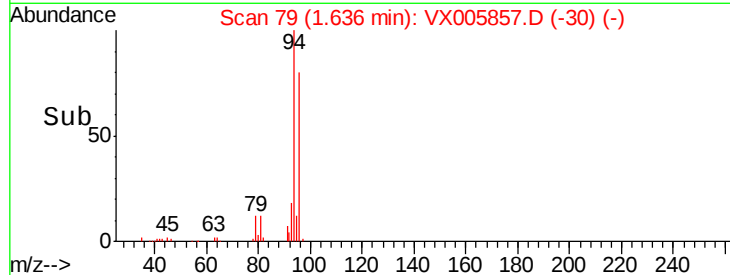
10000

5000

0

Time-->

1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 22.574 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX005857.D

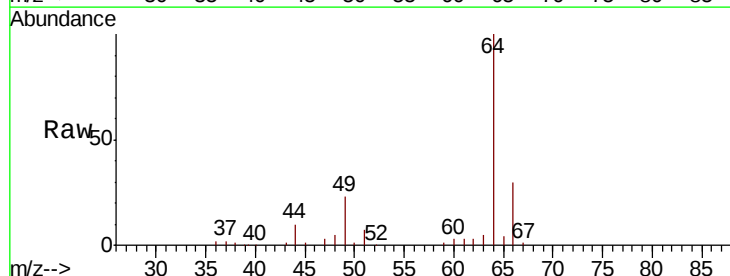
Acq: 09 Nov 2018 13:19

Tgt Ion: 64 Resp: 17531

Ion Ratio Lower Upper

64 100

66 31.1 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

15000

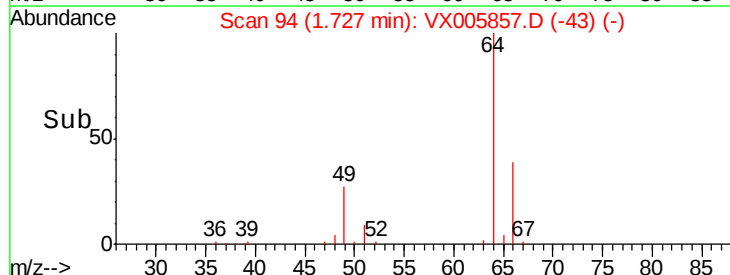
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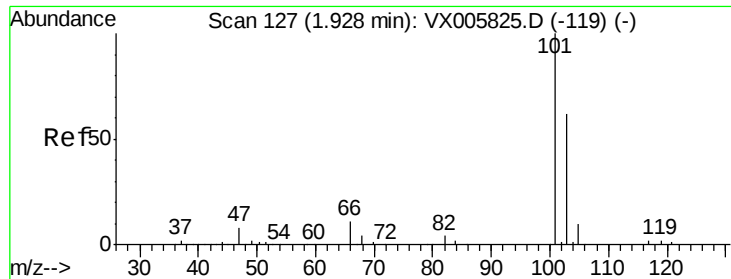
5000

0

Time-->

1.65 1.70 1.75 1.80



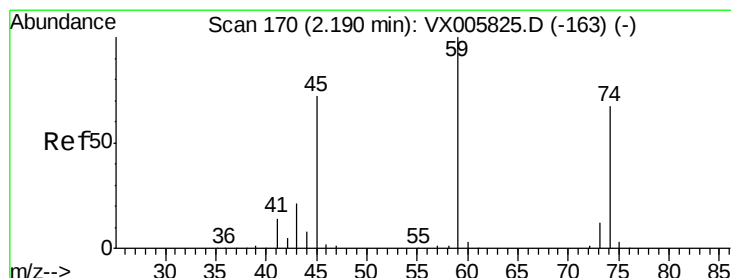
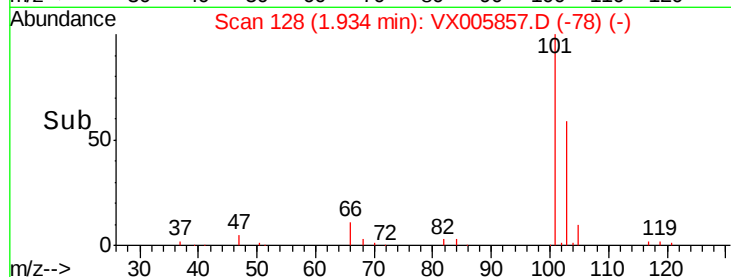
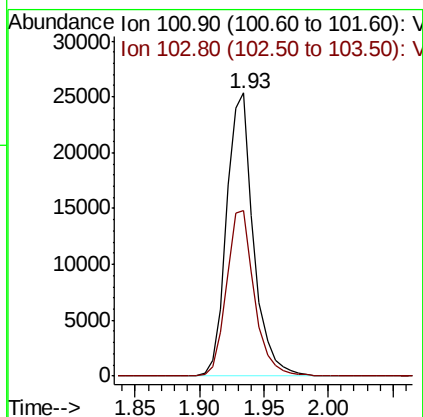
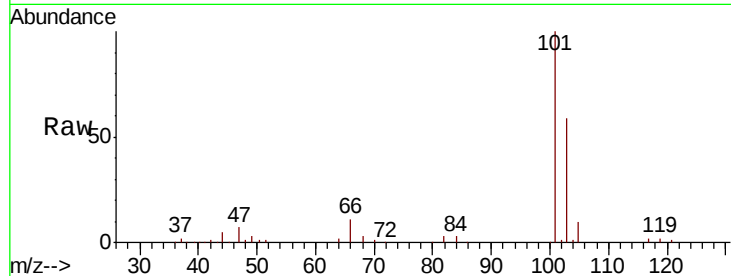


#7

Trichlorofluoromethane
 Concen: 21.506 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: VX005857.D
 Acq: 09 Nov 2018 13:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBSD01

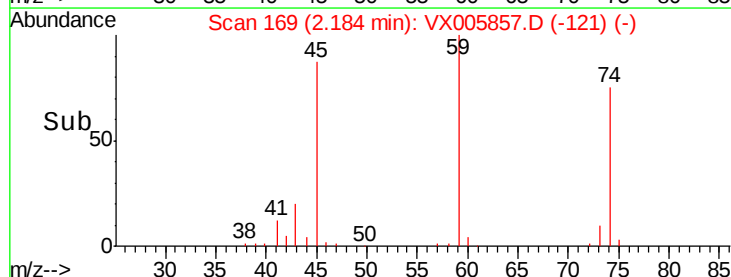
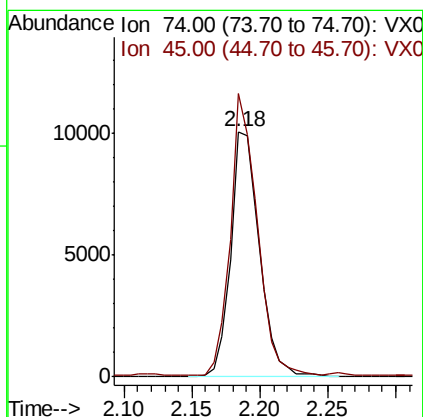
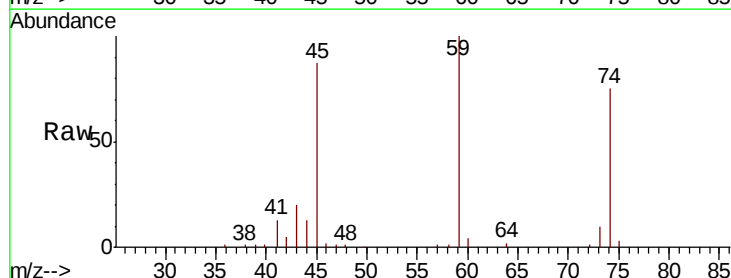
Tot Ion:101 Resp: 37154
 Ion Ratio Lower Upper
 101 100
 103 58.7 50.0 75.0

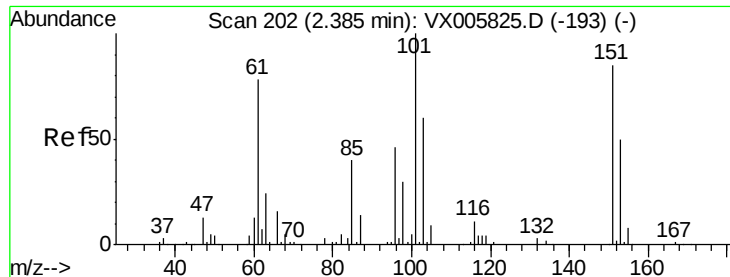


#8

Diethyl Ether
 Concen: 21.861 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX005857.D
 Acq: 09 Nov 2018 13:19

Tgt Ion: 74 Resp: 14799
 Ion Ratio Lower Upper
 74 100
 45 107.2 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.888 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Instrument :

MSVOA_X

ClientSampled :

VX1109WBSD01

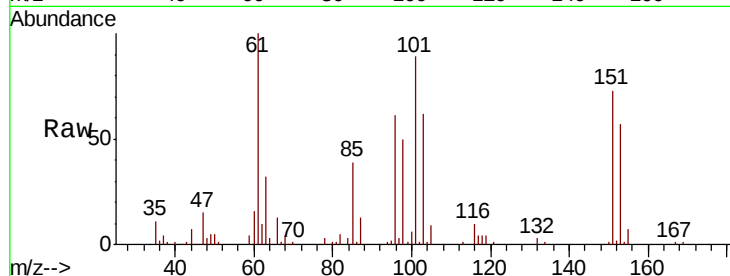
Tot Ion:101 Resp: 20755

Ion Ratio Lower Upper

101 100

85 42.7 35.0 52.4

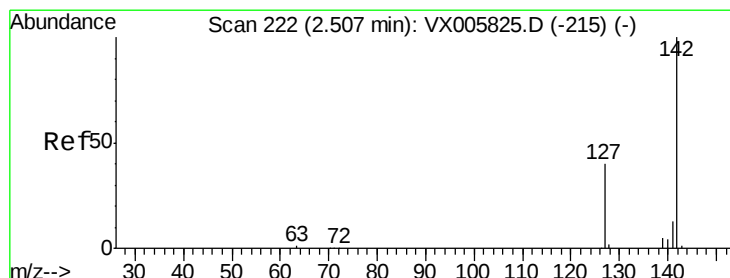
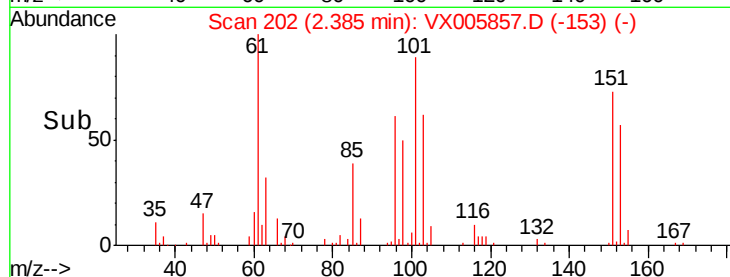
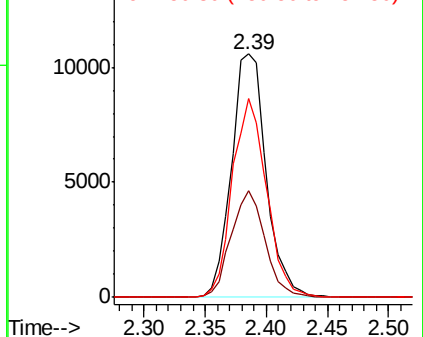
151 80.6 66.2 99.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.758 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

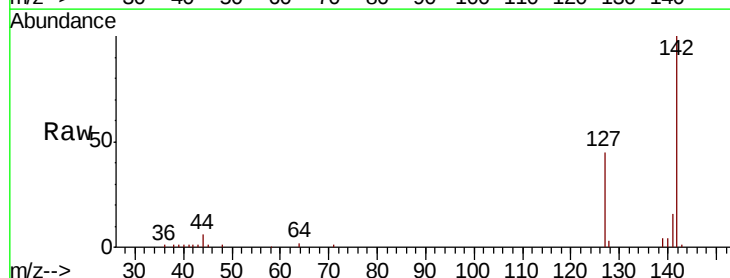
Tgt Ion:142 Resp: 22589

Ion Ratio Lower Upper

142 100

127 43.4 36.0 54.0

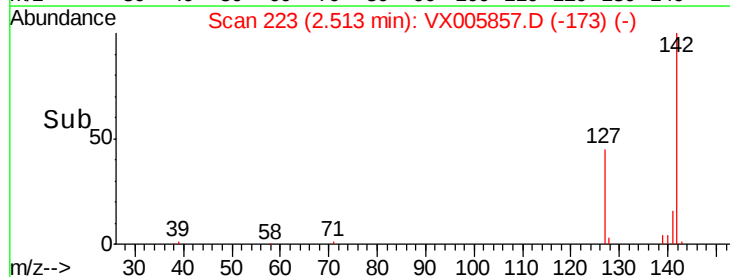
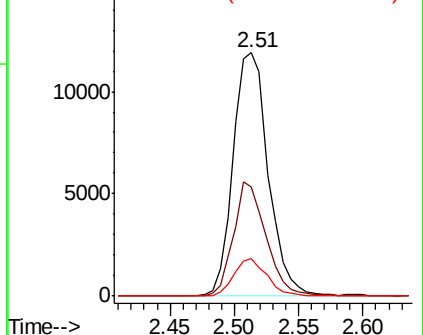
141 14.3 11.7 17.5

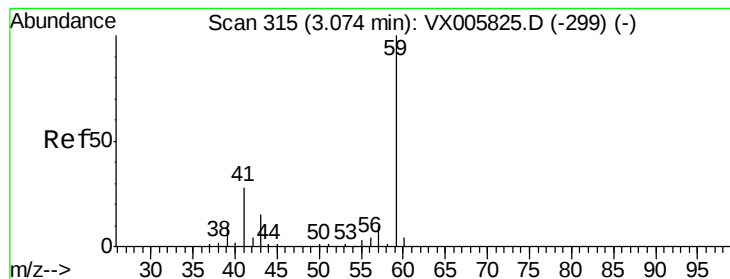


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



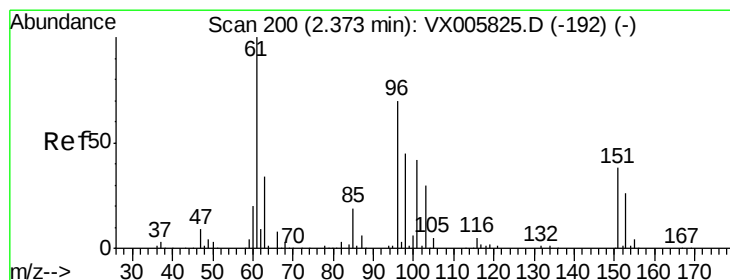
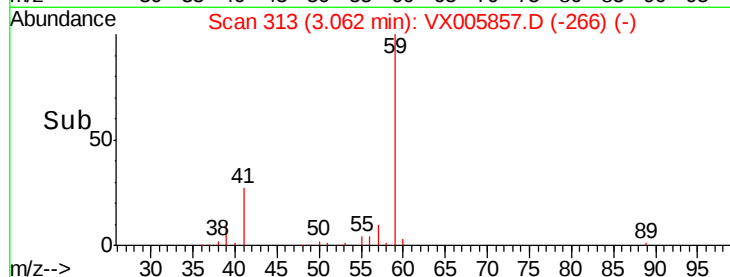
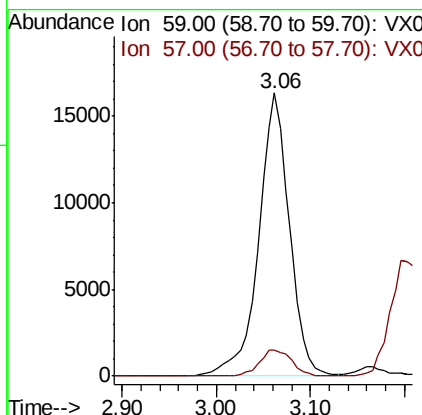
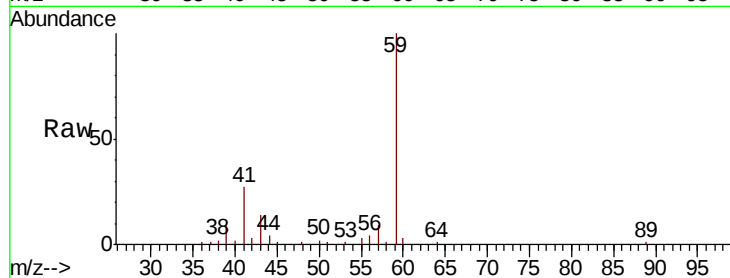


#11

Tert butyl alcohol
 Concen: 103.461 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. -0.01 min
 Lab File: VX005857.D
 Acq: 09 Nov 2018 13:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBSD01

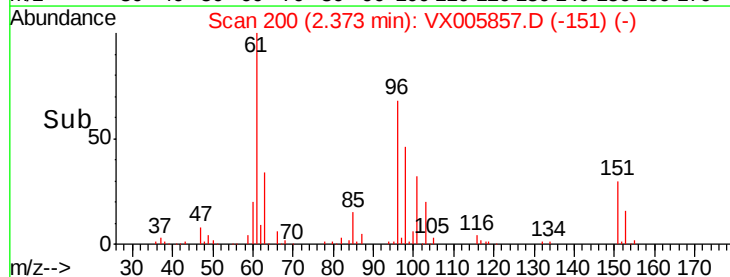
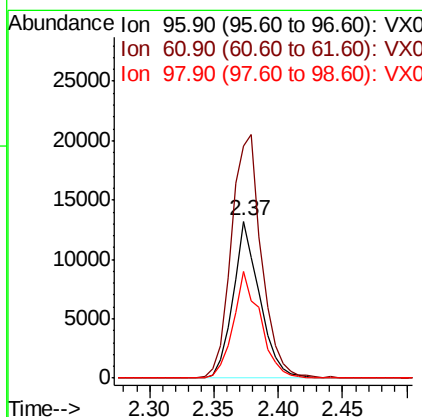
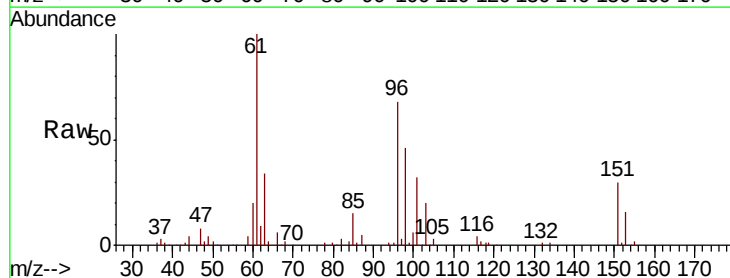
Tot Ion: 59 Resp: 37333
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.5 12.7

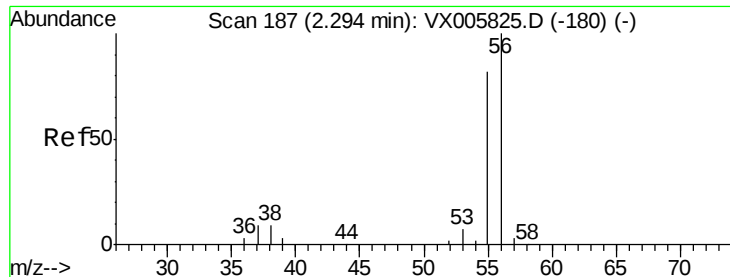


#12

1,1-Dichloroethene
 Concen: 19.652 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX005857.D
 Acq: 09 Nov 2018 13:19

Tgt Ion: 96 Resp: 19032
 Ion Ratio Lower Upper
 96 100
 61 148.0 131.8 197.8
 98 67.6 53.4 80.2





#13

Acrolein

Concen: 97.151 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Instrument :

MSVOA_X

ClientSampleId :

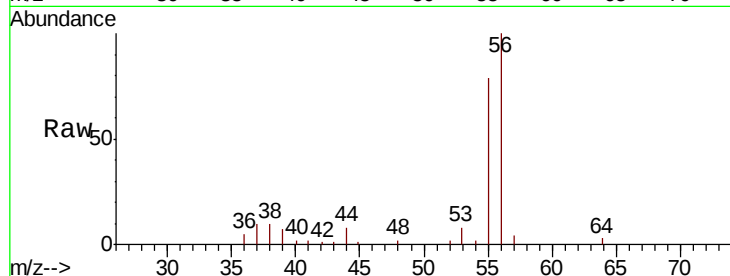
VX1109WBSD01

Tot Ion: 56 Resp: 14532

Ion Ratio Lower Upper

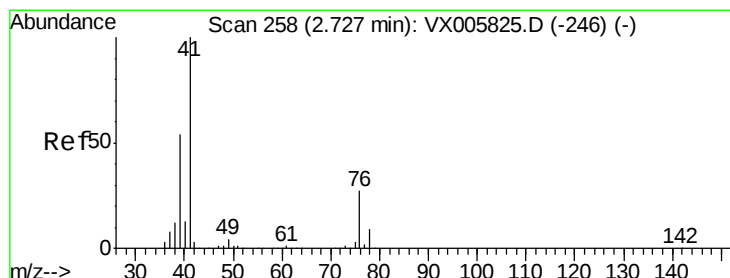
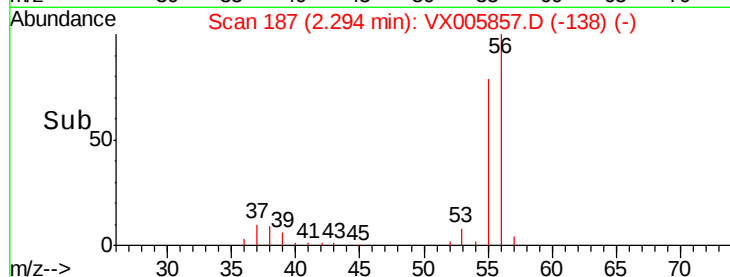
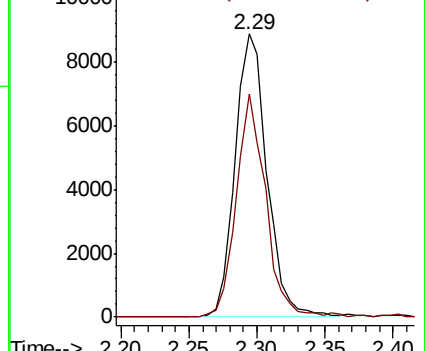
56 100

55 72.8 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 20.264 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

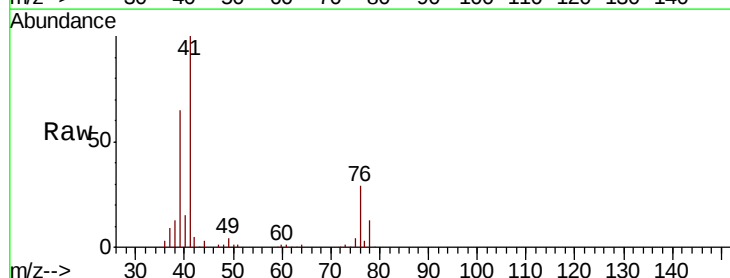
Tgt Ion: 41 Resp: 43831

Ion Ratio Lower Upper

41 100

39 58.9 48.2 72.4

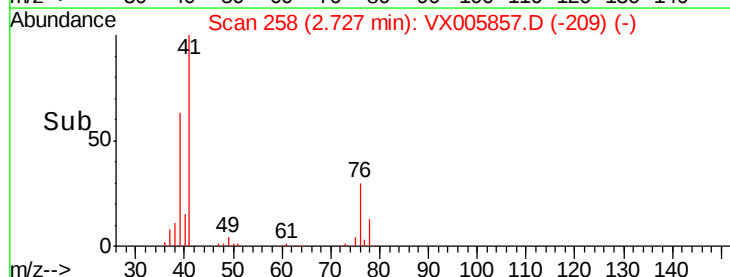
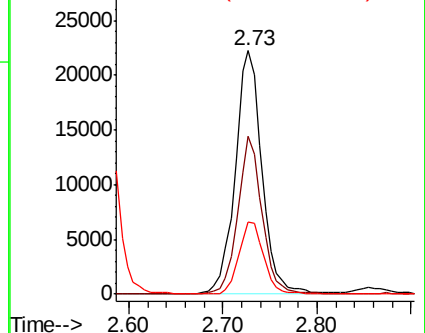
76 27.4 21.9 32.9

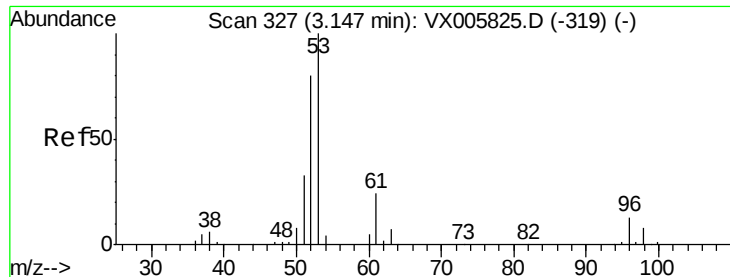


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 101.981 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD01

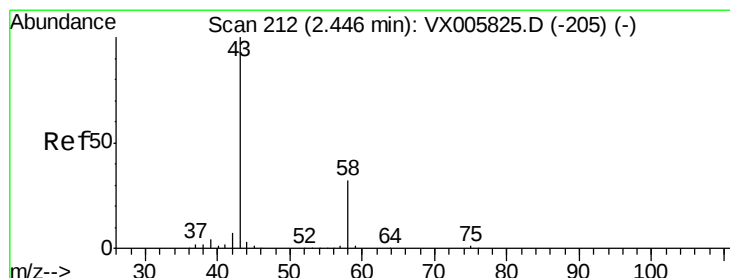
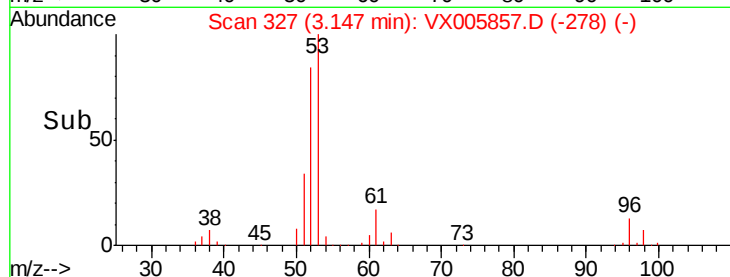
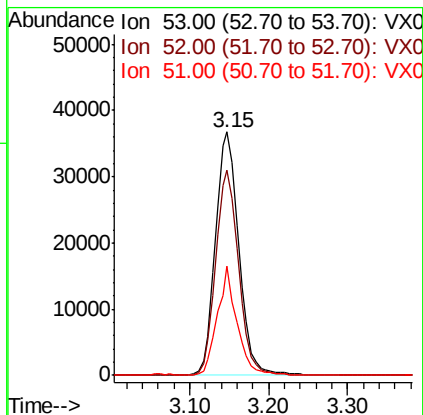
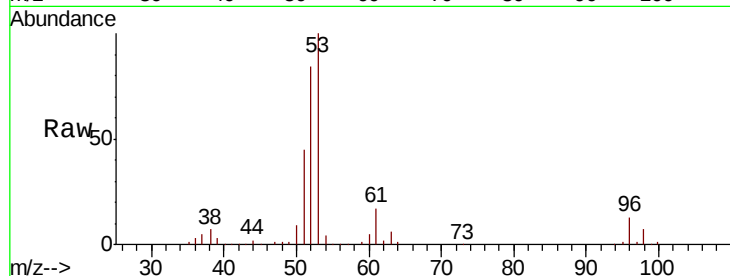
Tot Ion: 53 Resp: 76262

Ion Ratio Lower Upper

53 100

52 82.3 66.6 99.8

51 37.9 28.4 42.6



#16

Acetone

Concen: 108.230 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005857.D

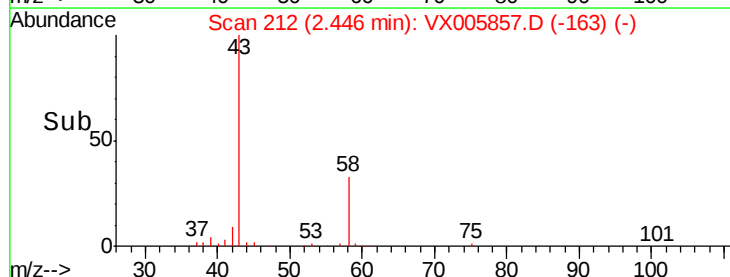
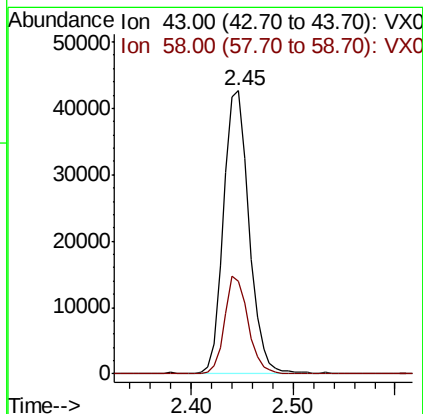
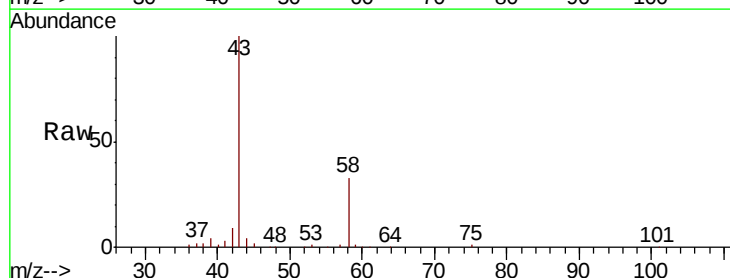
Acq: 09 Nov 2018 13:19

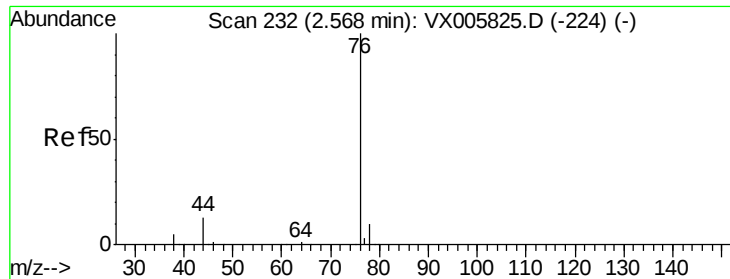
Tgt Ion: 43 Resp: 73404

Ion Ratio Lower Upper

43 100

58 33.0 23.8 35.6

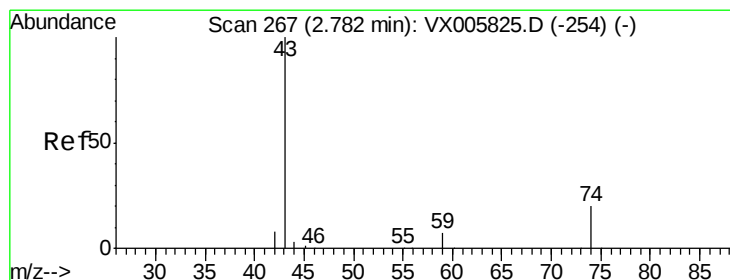
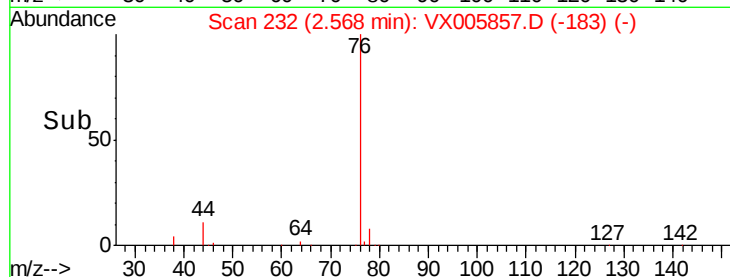
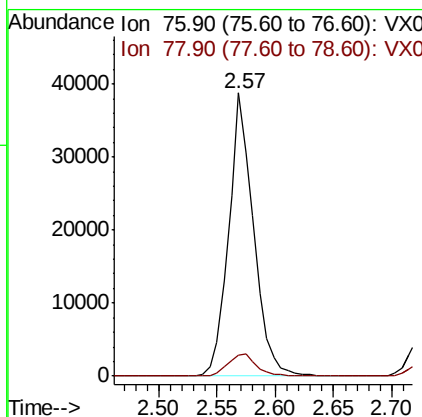
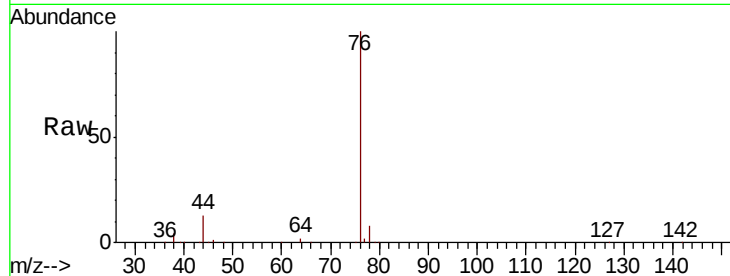




#17
Carbon Disulfide
Concen: 19.904 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

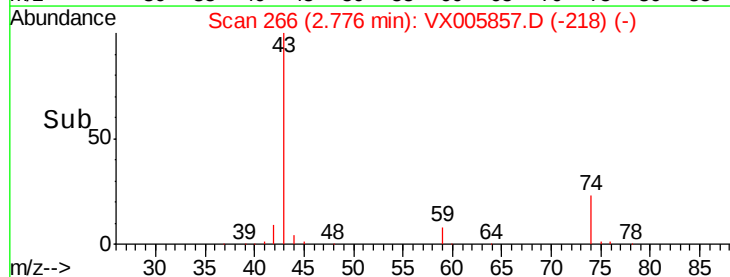
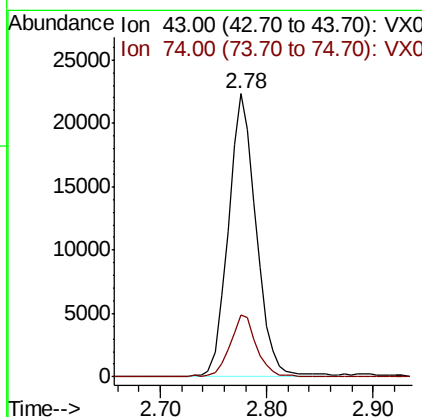
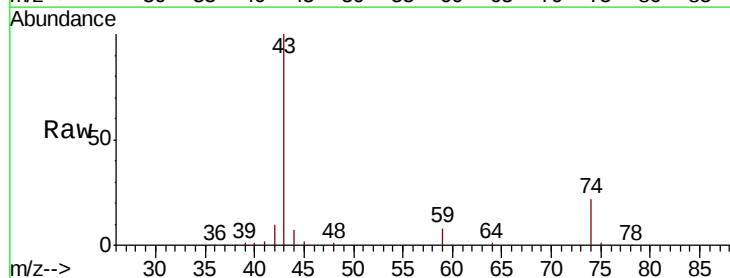
Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

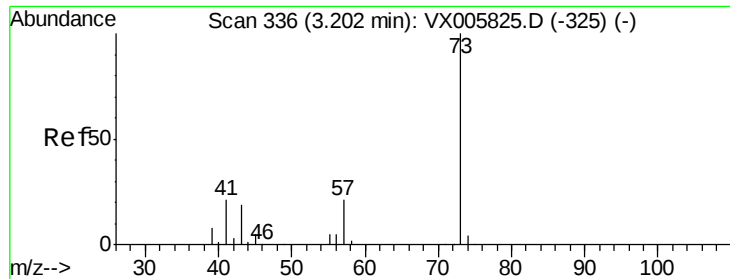
Tot Ion: 76 Resp: 57497
Ion Ratio Lower Upper
76 100
78 7.6 7.3 10.9



#18
Methyl Acetate
Concen: 21.458 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Tgt Ion: 43 Resp: 40540
Ion Ratio Lower Upper
43 100
74 21.2 16.8 25.2



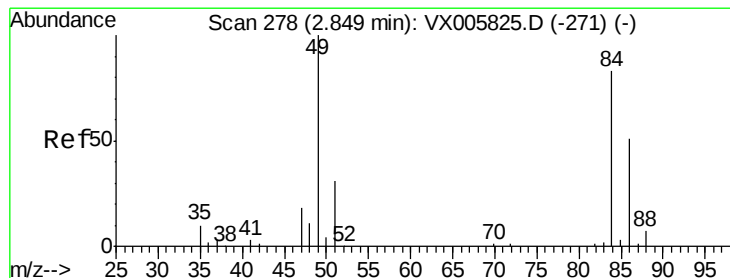
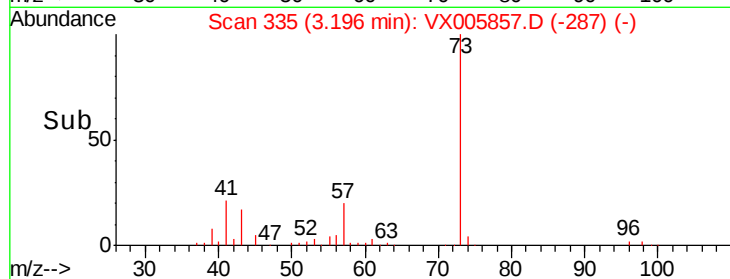
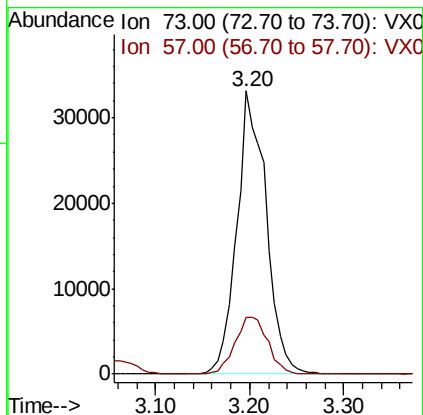
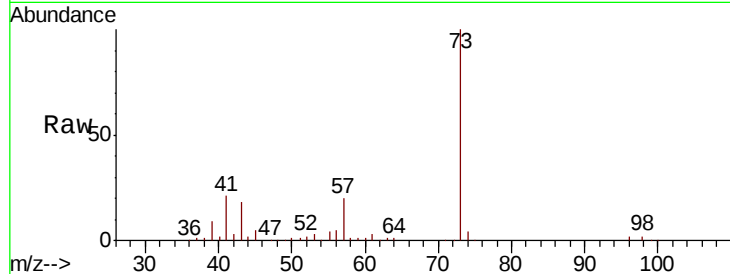


#19

Methyl tert-butyl Ether
 Concen: 21.738 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.01 min
 Lab File: VX005857.D
 Acq: 09 Nov 2018 13:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBSD01

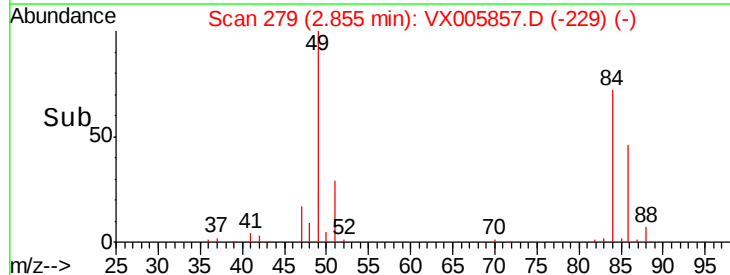
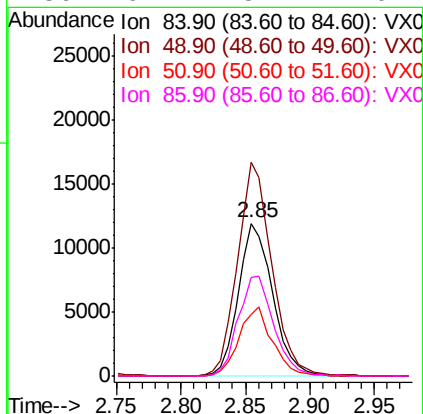
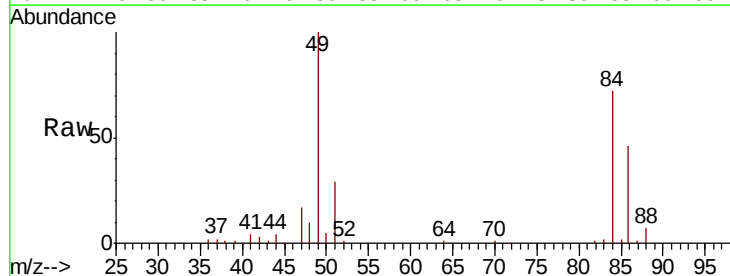
Tot Ion: 73 Resp: 71855
 Ion Ratio Lower Upper
 73 100
 57 20.2 18.8 28.2



#20

Methylene Chloride
 Concen: 19.636 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.01 min
 Lab File: VX005857.D
 Acq: 09 Nov 2018 13:19

Tgt Ion: 84 Resp: 21876
 Ion Ratio Lower Upper
 84 100
 49 139.6 109.5 164.3
 51 39.9 33.3 49.9
 86 64.4 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 19.804 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD01

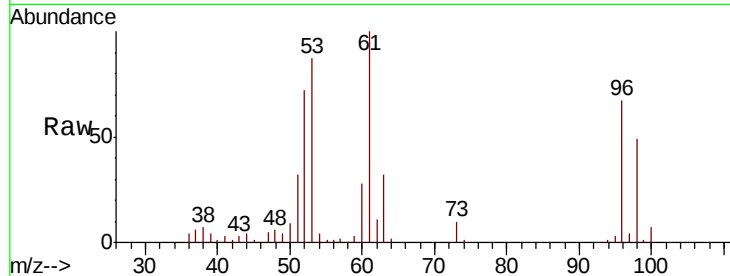
Tot Ion: 96 Resp: 20230

Ion Ratio Lower Upper

96 100

61 148.5 115.6 173.4

98 72.7 50.2 75.2

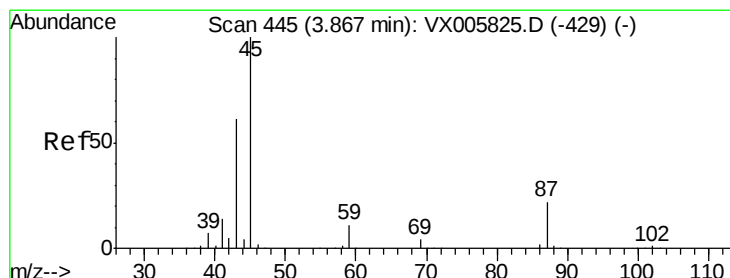
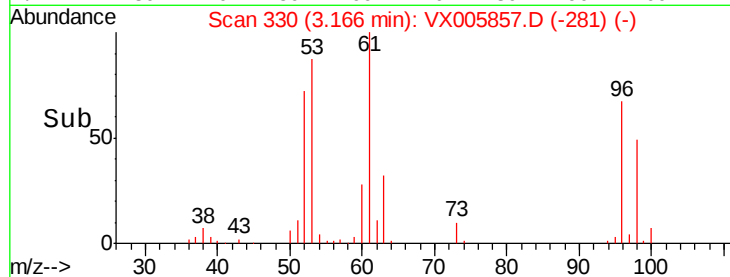
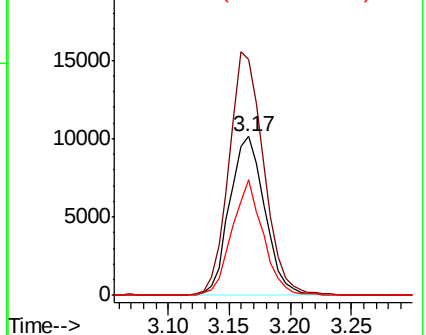


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 21.115 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Tgt Ion: 45 Resp: 80006

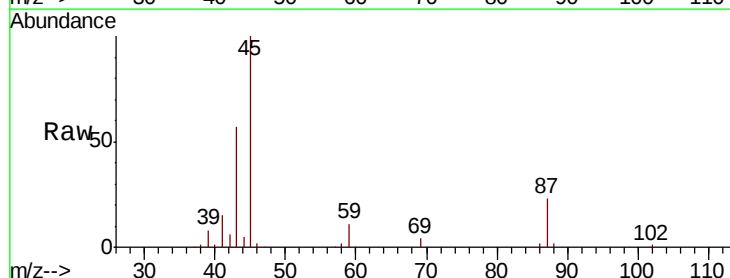
Ion Ratio Lower Upper

45 100

43 56.7 47.4 71.2

87 23.2 15.9 23.9

59 11.4 7.7 11.5



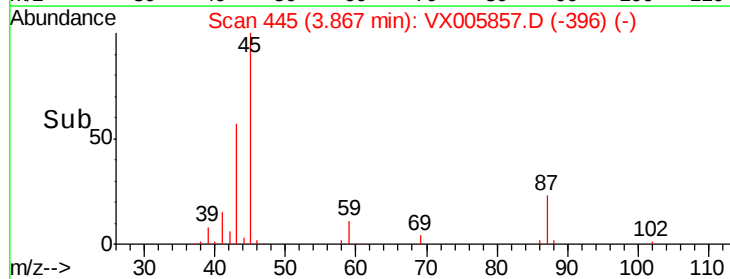
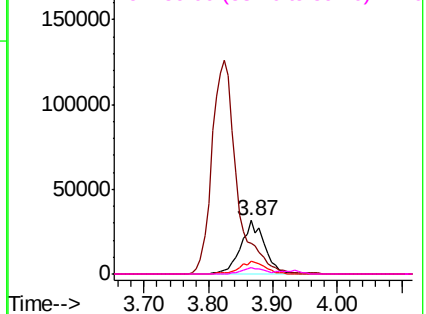
Abundance

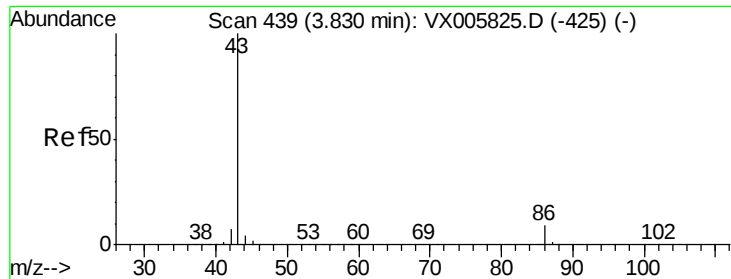
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 105.479 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.01 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Instrument :

MSVOA_X

ClientSampleId :

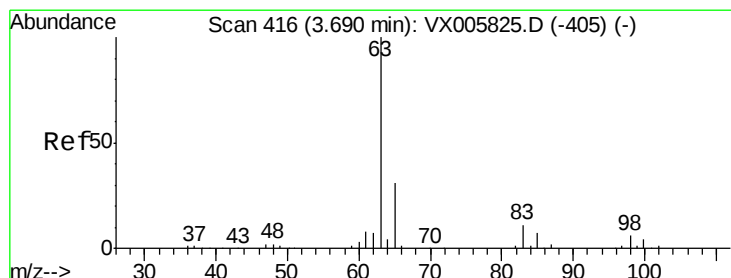
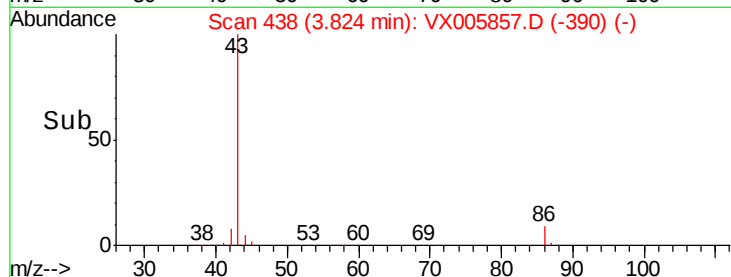
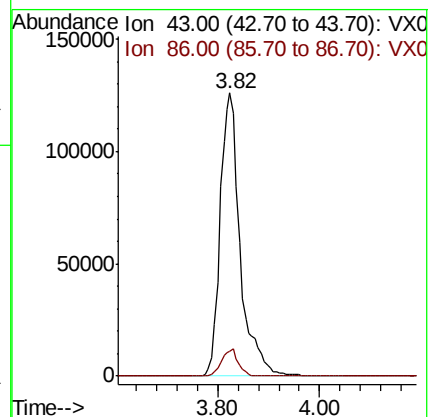
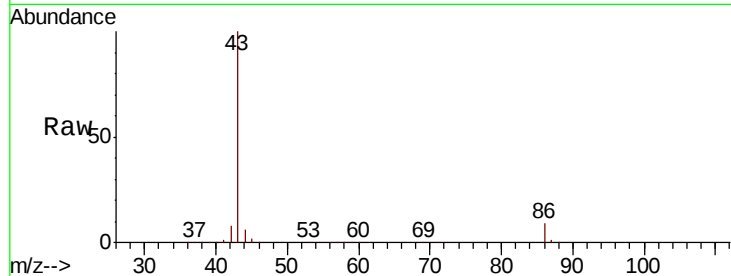
VX1109WBSD01

Tot Ion: 43 Resp: 342682

Ion Ratio Lower Upper

43 100

86 8.9 7.4 11.2



#24

1,1-Dichloroethane

Concen: 20.887 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

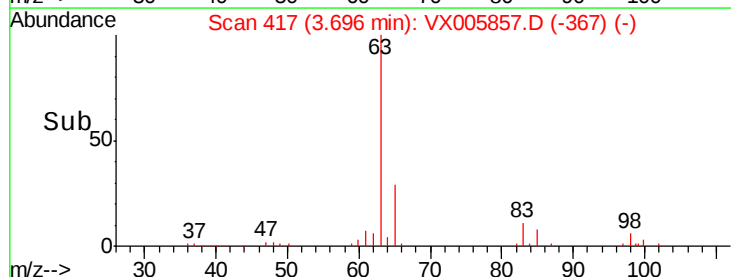
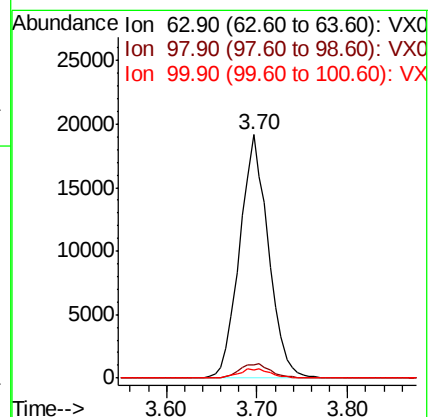
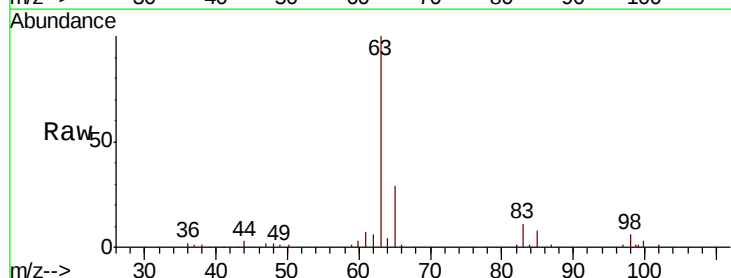
Tgt Ion: 63 Resp: 42224

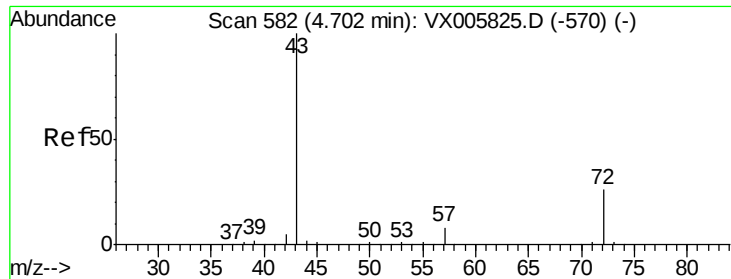
Ion Ratio Lower Upper

63 100

98 5.6 3.2 9.6

100 3.3 2.1 6.2





#25

2-Butanone

Concen: 101.604 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Instrument :

MSVOA_X

ClientSampleId :

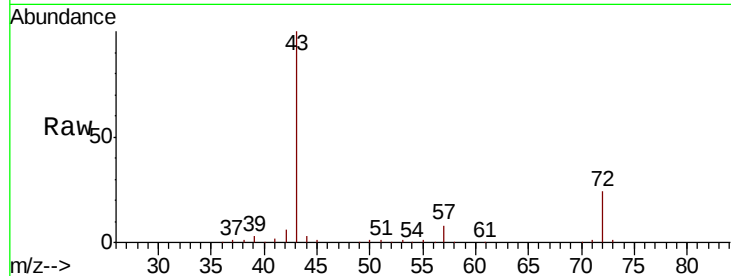
VX1109WBSD01

Tot Ion: 43 Resp: 108337

Ion Ratio Lower Upper

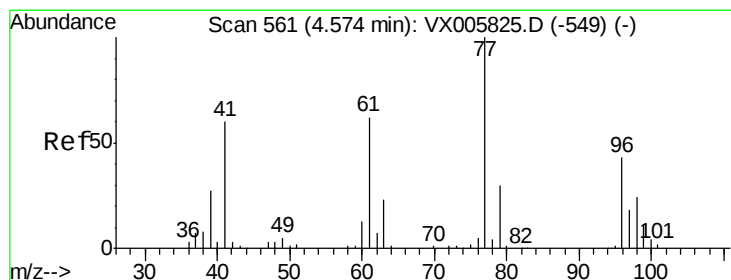
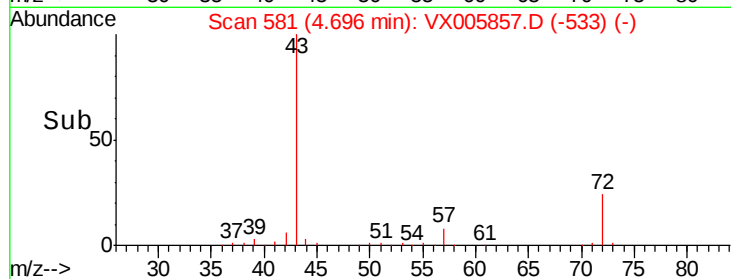
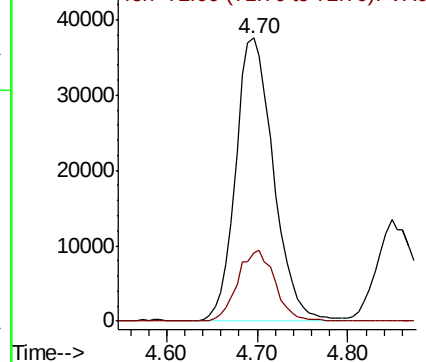
43 100

72 24.2 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 22.048 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.00 min

Lab File: VX005857.D

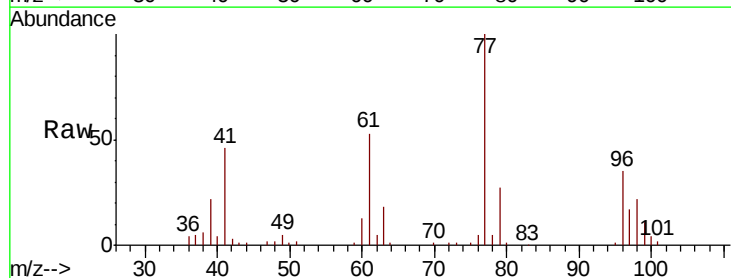
Acq: 09 Nov 2018 13:19

Tgt Ion: 77 Resp: 32695

Ion Ratio Lower Upper

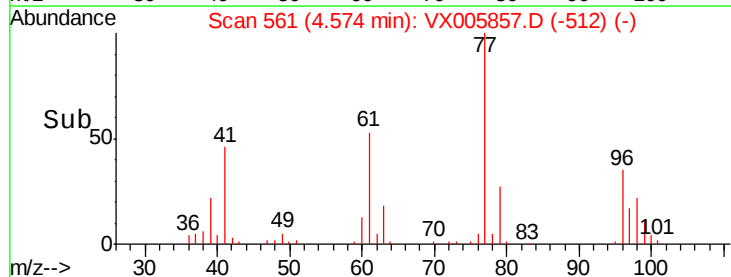
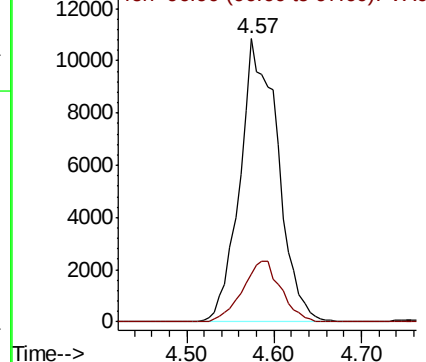
77 100

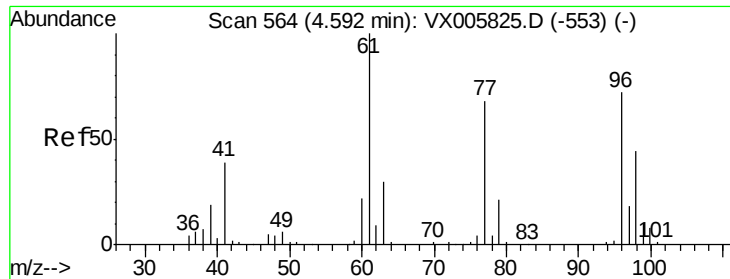
97 21.7 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

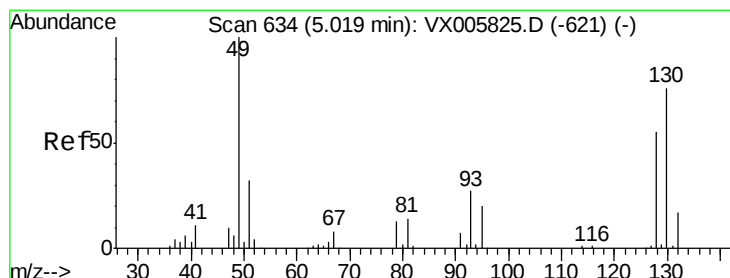
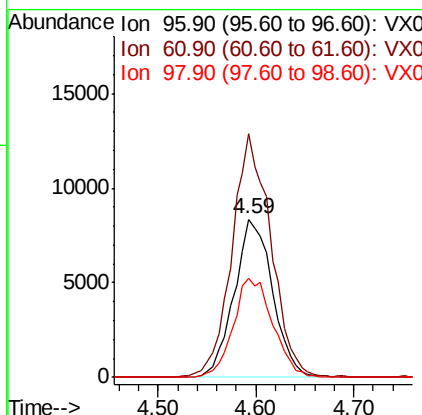
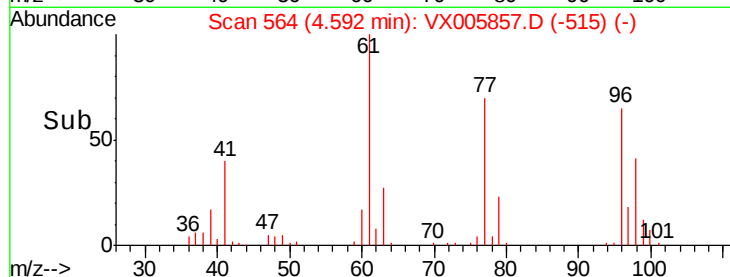
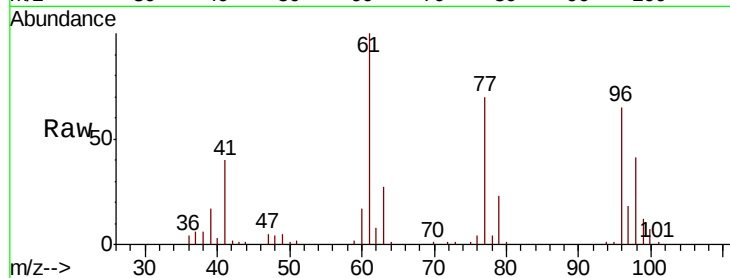




#27
 cis-1,2-Dichloroethene
 Concen: 20.099 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VX005857.D
 Acq: 09 Nov 2018 13:19

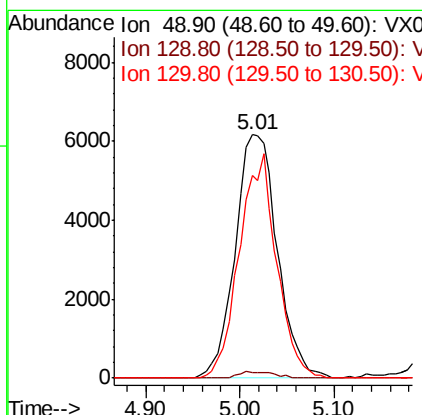
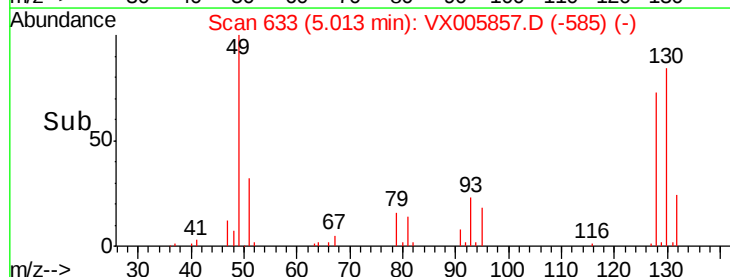
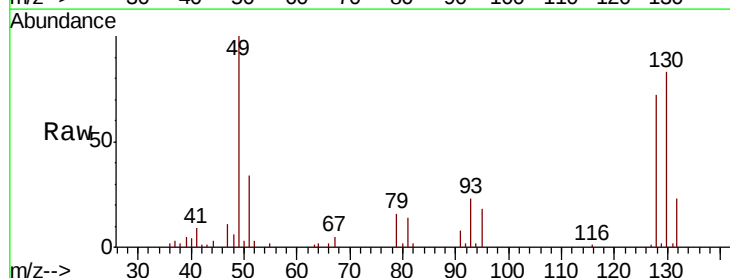
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBSD01

Tot Ion: 96 Resp: 22670
 Ion Ratio Lower Upper
 96 100
 61 156.6 0.0 304.6
 98 64.7 0.0 127.4



#28
 Bromochloromethane
 Concen: 21.347 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX005857.D
 Acq: 09 Nov 2018 13:19

Tgt Ion: 49 Resp: 19286
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.0
 130 81.6 58.9 88.3

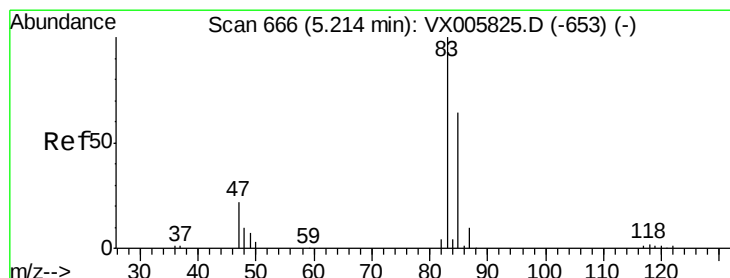
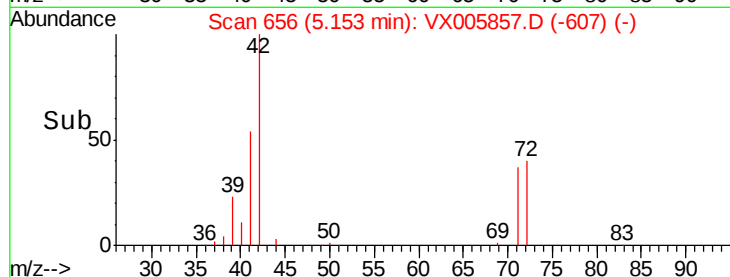
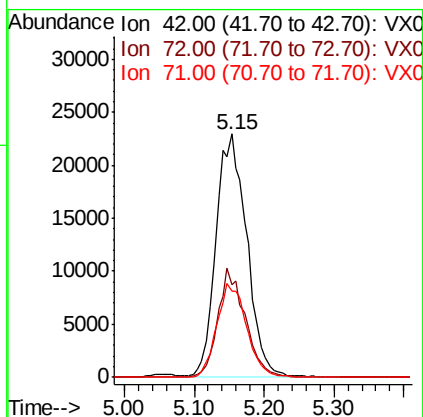
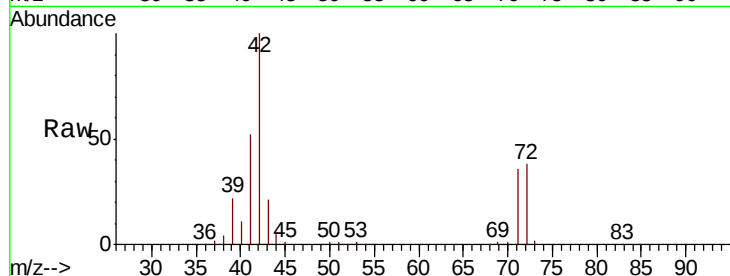




#29
Tetrahydrofuran
Concen: 102.742 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

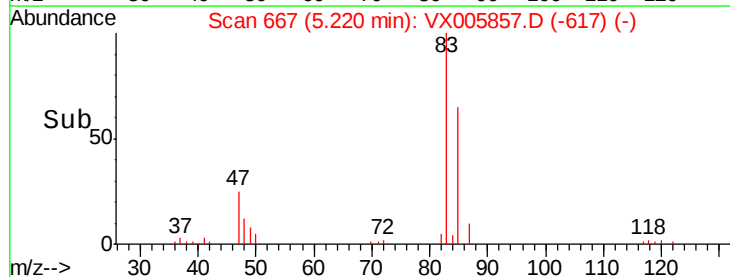
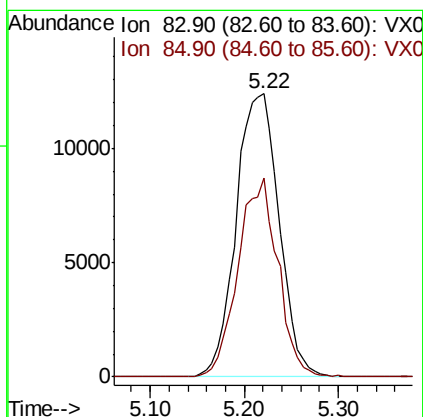
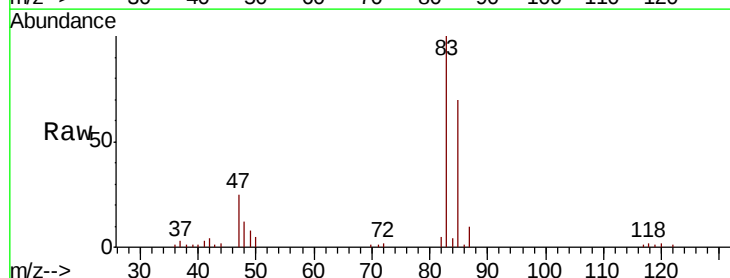
Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

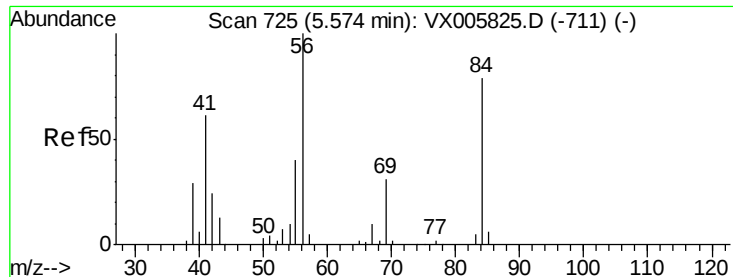
Tot Ion: 42 Resp: 70340
Ion Ratio Lower Upper
42 100
72 39.8 32.0 48.0
71 36.9 29.8 44.8



#30
Chloroform
Concen: 20.232 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Tgt Ion: 83 Resp: 39460
Ion Ratio Lower Upper
83 100
85 70.1 50.6 76.0

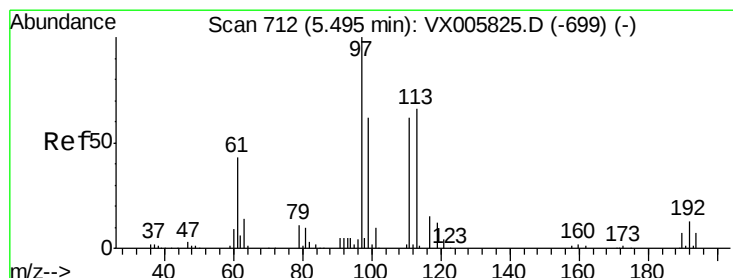
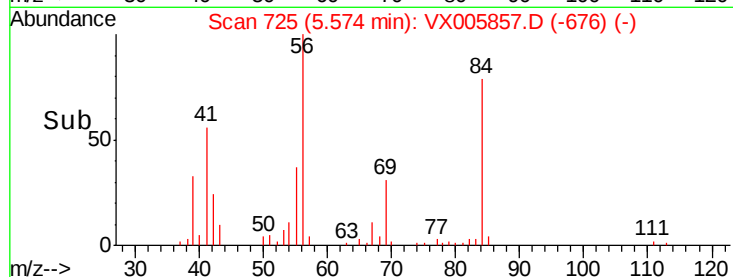
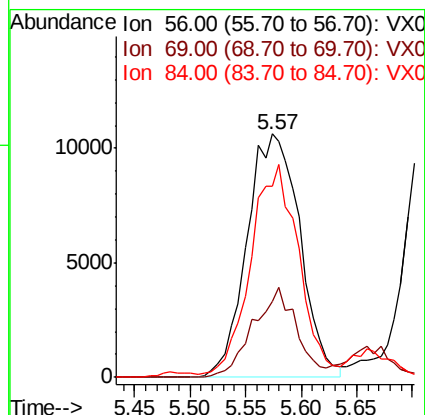
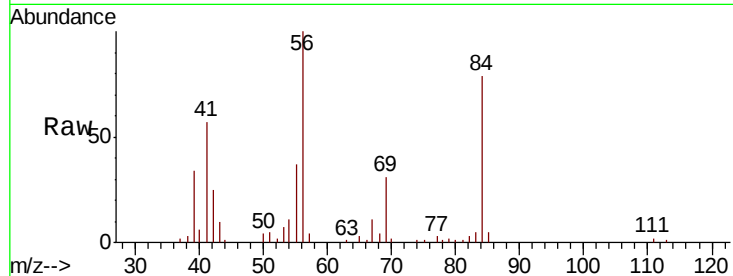




#31
Cyclohexane
Concen: 19.994 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

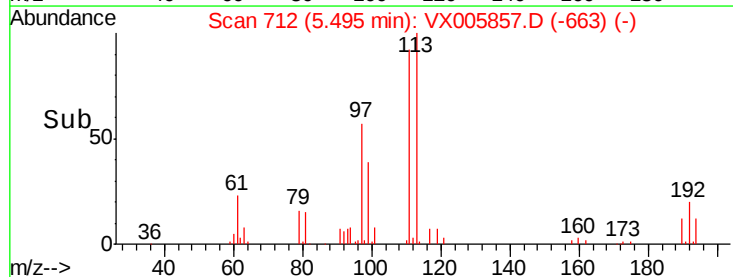
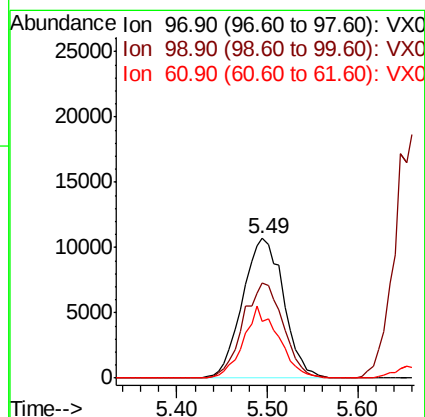
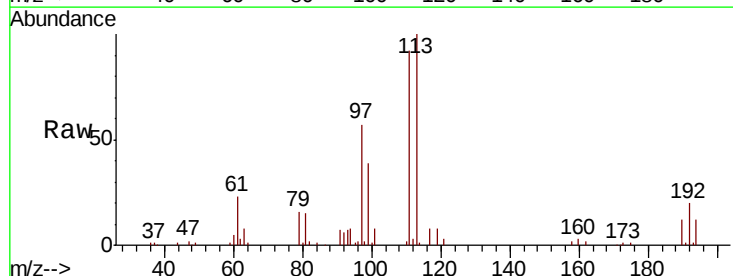
Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

Tot Ion: 56 Resp: 35086
Ion Ratio Lower Upper
56 100
69 31.4 22.6 34.0
84 77.2 62.7 94.1



#32
1,1,1-Trichloroethane
Concen: 20.718 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Tgt Ion: 97 Resp: 33703
Ion Ratio Lower Upper
97 100
99 66.4 52.3 78.5
61 43.6 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 50.619 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Instrument :

MSVOA_X

ClientSampleId :

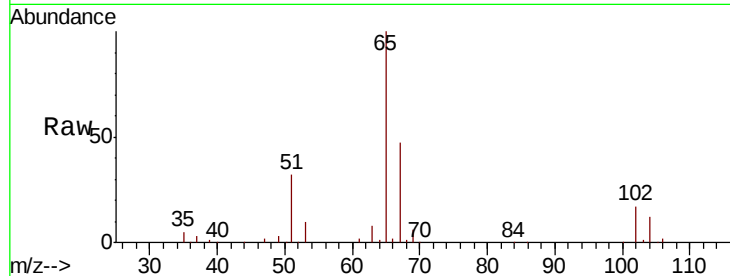
VX1109WBSD01

Tot Ion: 65 Resp: 63761

Ion Ratio Lower Upper

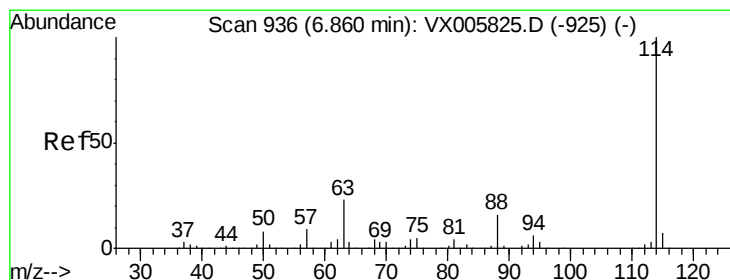
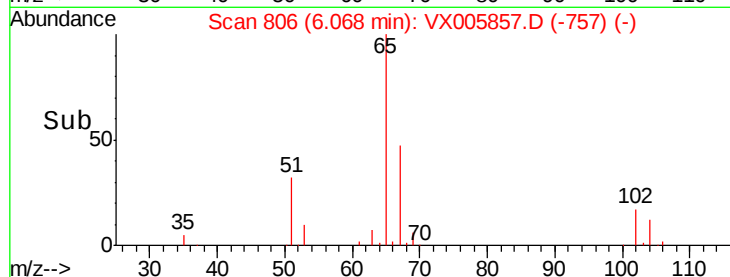
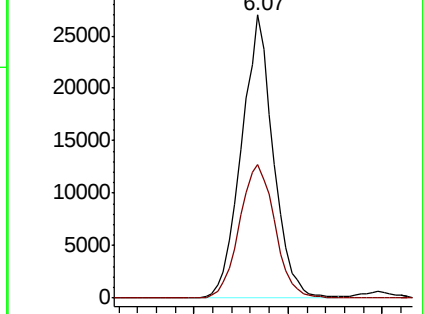
65 100

67 52.8 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

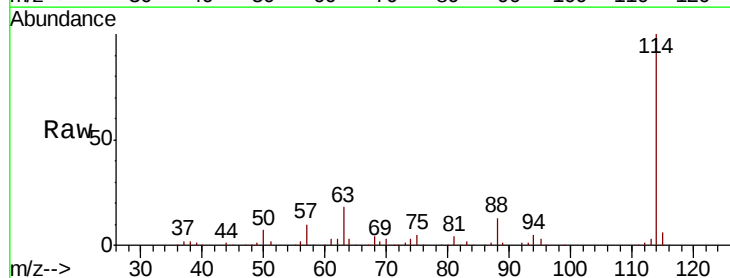
Tgt Ion: 114 Resp: 153296

Ion Ratio Lower Upper

114 100

63 18.2 0.0 42.8

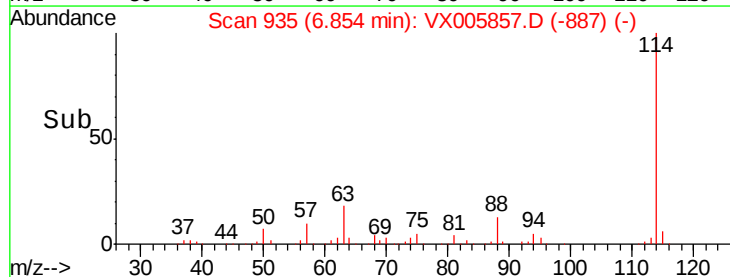
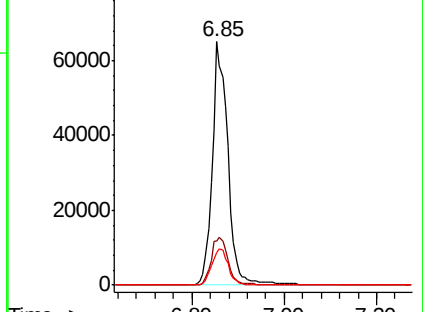
88 13.2 0.0 31.2

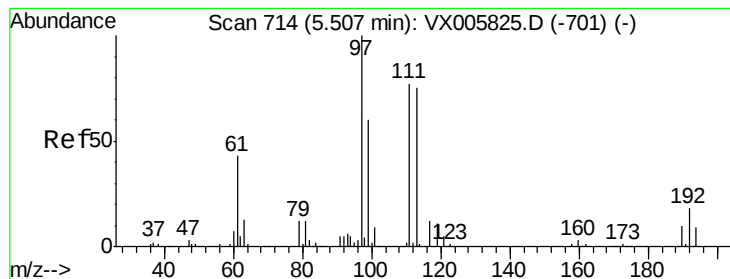


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.920 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD01

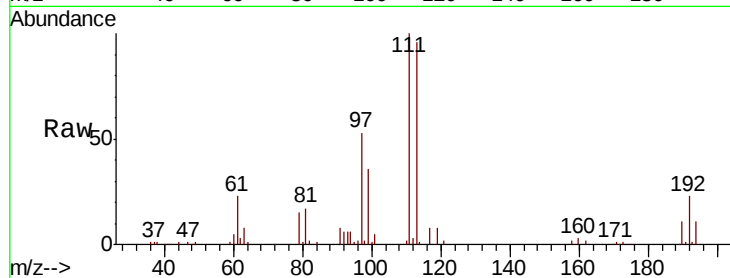
Tot Ion:113 Resp: 52049

Ion Ratio Lower Upper

113 100

111 102.7 82.3 123.5

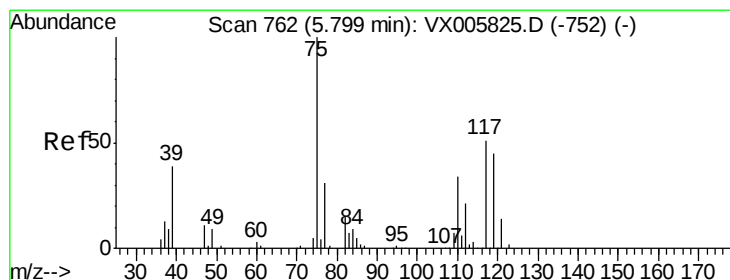
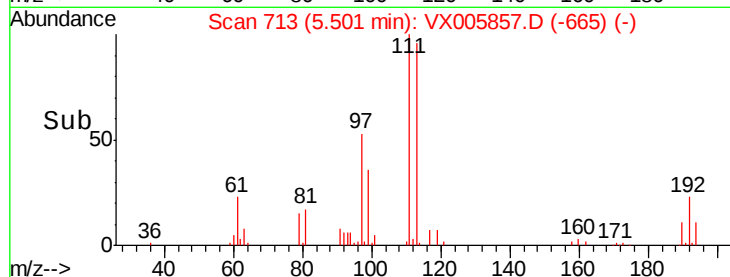
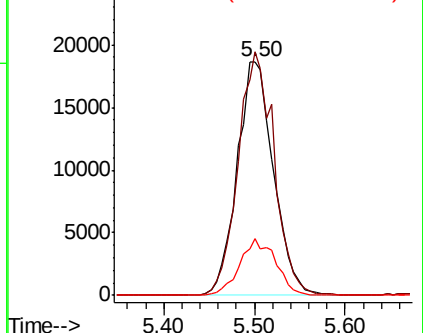
192 23.9 17.9 26.9



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: 18.854 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

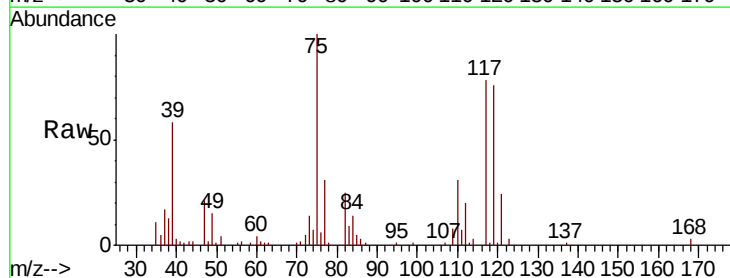
Tgt Ion: 75 Resp: 27862

Ion Ratio Lower Upper

75 100

110 35.3 17.4 52.2

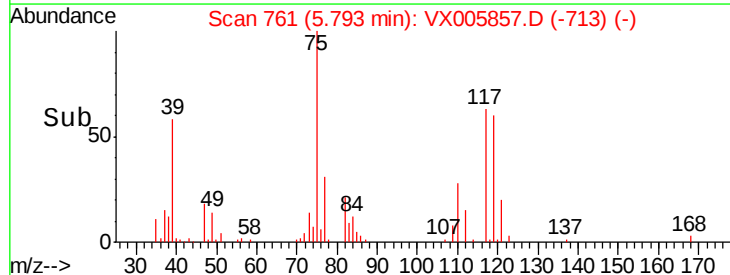
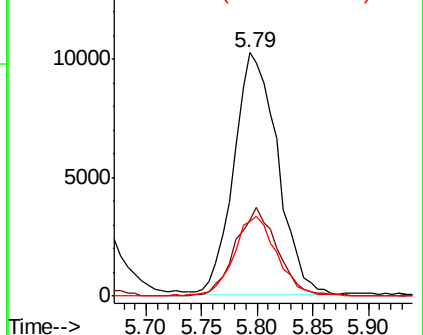
77 32.2 25.8 38.6

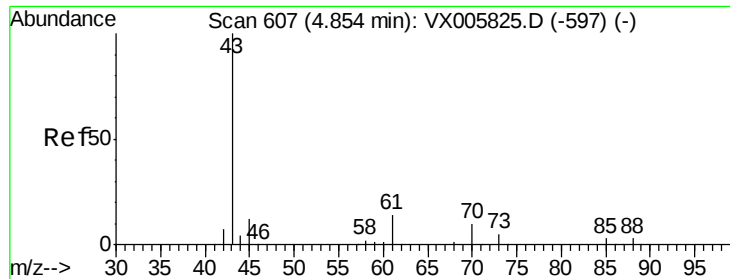


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 20.108 ug/l

RT: 4.85 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD01

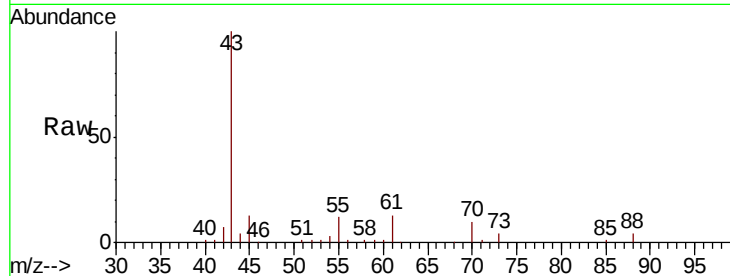
Tot Ion: 43 Resp: 39076

Ion Ratio Lower Upper

43 100

61 14.5 10.8 16.2

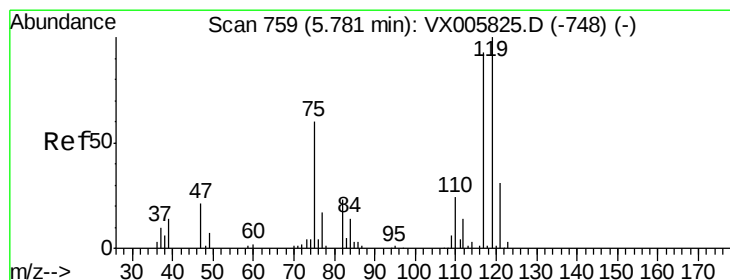
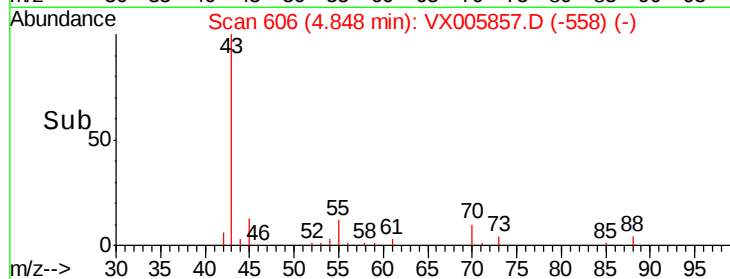
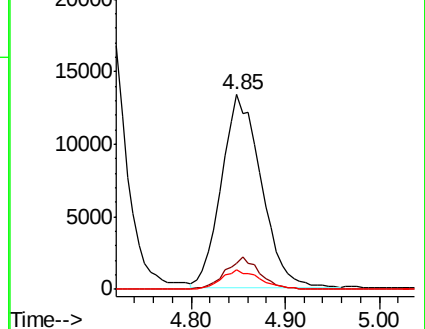
70 9.8 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX005825.D (-597) (-)

Ion 60.90 (60.60 to 61.60): VX005825.D (-597) (-)

Ion 70.00 (69.70 to 70.70): VX005825.D (-597) (-)



#38

Carbon Tetrachloride

Concen: 19.512 ug/l

RT: 5.78 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

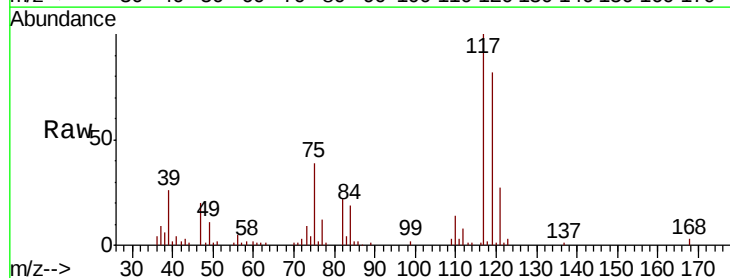
Tgt Ion: 117 Resp: 28867

Ion Ratio Lower Upper

117 100

119 82.2 78.1 117.1

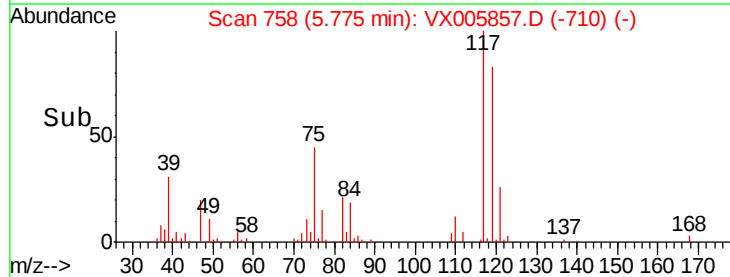
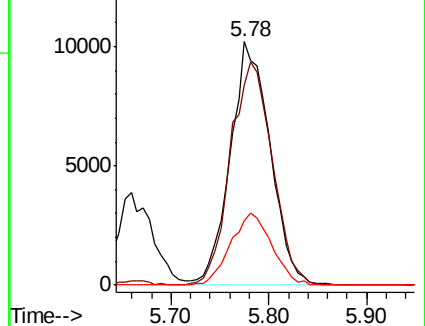
121 26.6 24.6 36.8

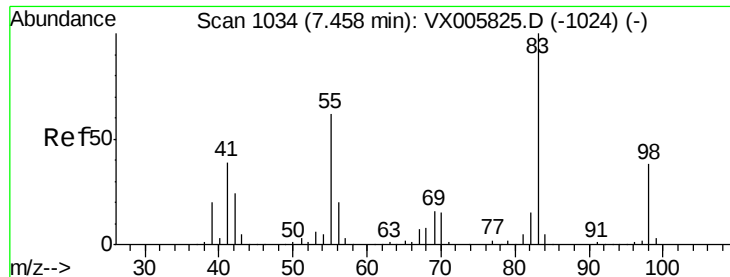


Abundance Ion 116.80 (116.50 to 117.50): VX005825.D (-748) (-)

Ion 118.80 (118.50 to 119.50): VX005825.D (-748) (-)

Ion 120.80 (120.50 to 121.50): VX005825.D (-748) (-)

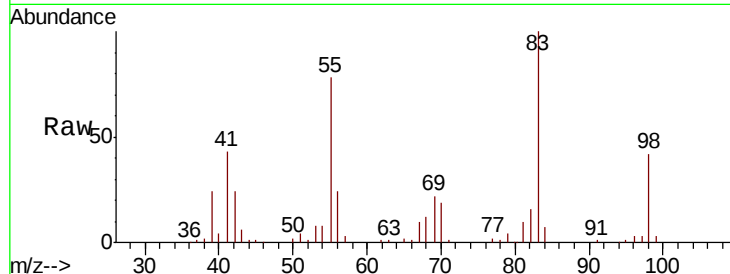




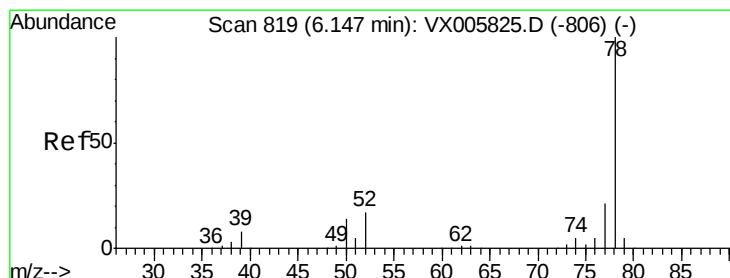
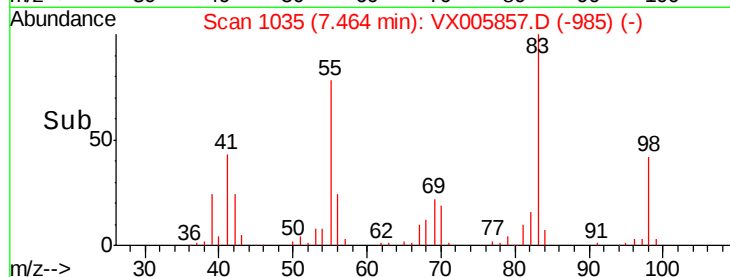
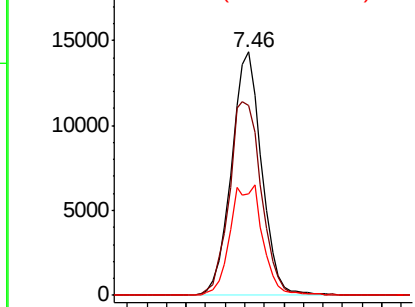
#39
Methvlcvclohexane
Concen: 20.475 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

Tot Ion: 83 Resp: 30667
Ion Ratio Lower Upper
83 100
55 78.0 63.7 95.5
98 41.8 36.2 54.2

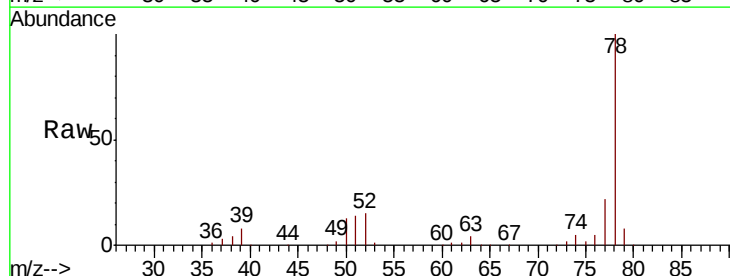


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

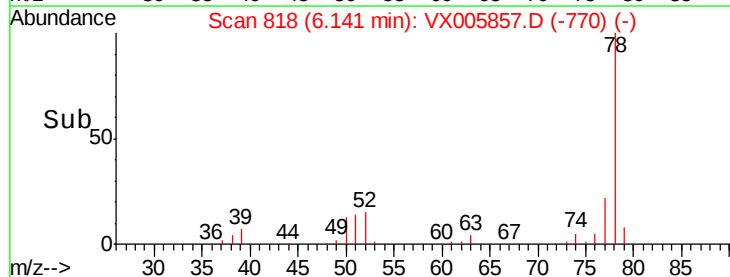
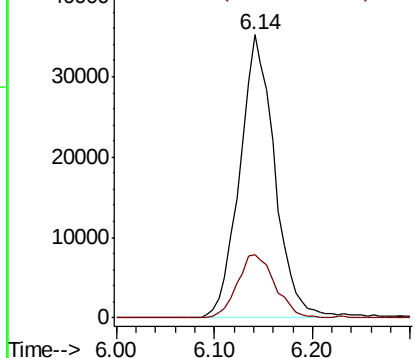


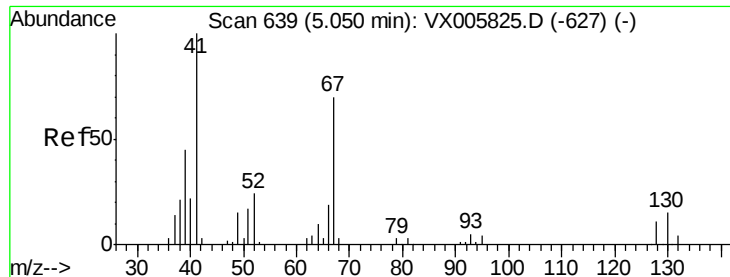
#40
Benzene
Concen: 20.285 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Tgt Ion: 78 Resp: 87389
Ion Ratio Lower Upper
78 100
77 22.4 18.4 27.6



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





#41

Methacrylonitrile

Concen: 20.964 ug/l

RT: 5.05 min Scan# 639

Delta R.T. -0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Instrument :

MSVOA_X

ClientSampled :

VX1109WBSD01

Tot Ion: 41 Resp: 22014

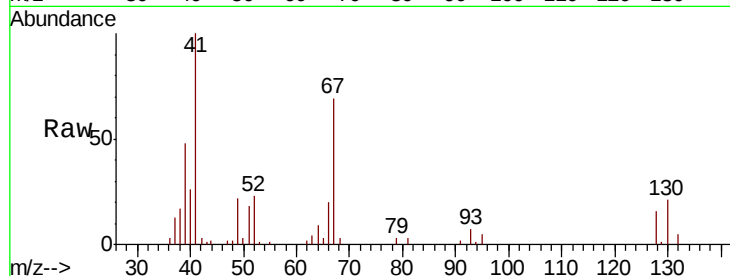
Ion Ratio Lower Upper

41 100

39 52.8 42.2 63.2

67 66.4 53.4 80.0

52 27.4 23.4 35.2

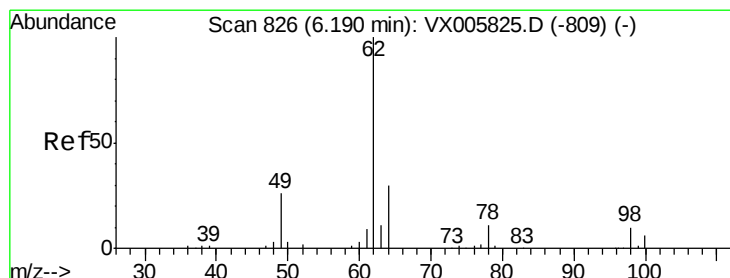
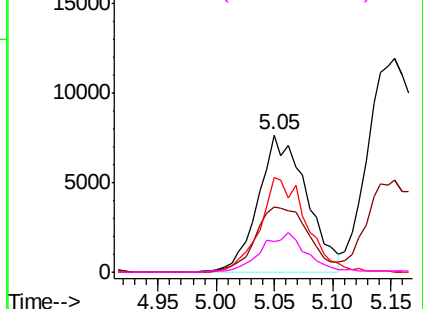
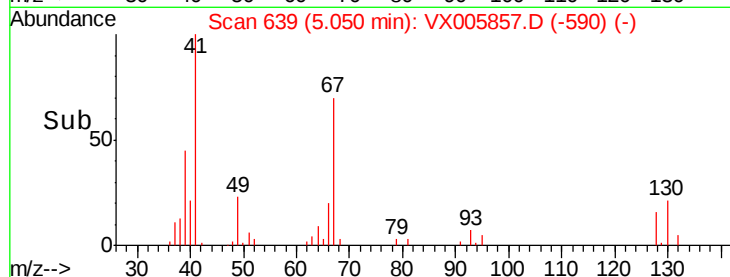


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 21.595 ug/l

RT: 6.20 min Scan# 828

Delta R.T. 0.01 min

Lab File: VX005857.D

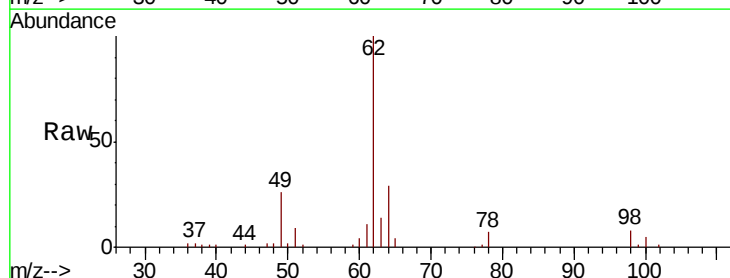
Acq: 09 Nov 2018 13:19

Tgt Ion: 62 Resp: 33323

Ion Ratio Lower Upper

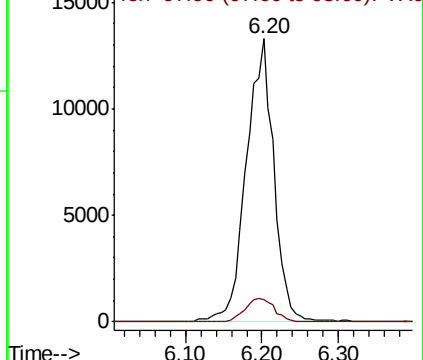
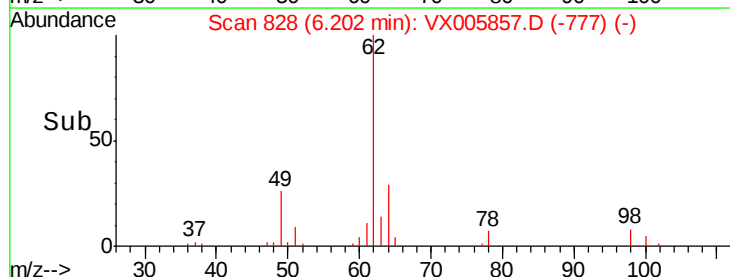
62 100

98 8.7 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.857 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD01

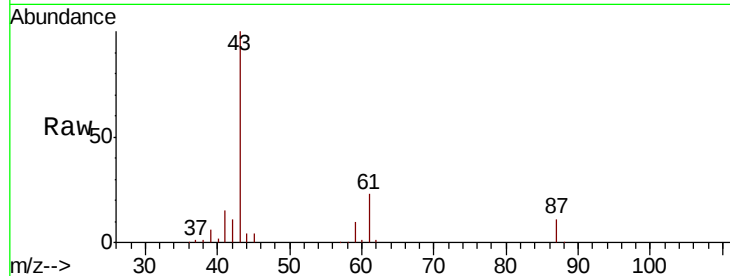
Tot Ion: 43 Resp: 55917

Ion Ratio Lower Upper

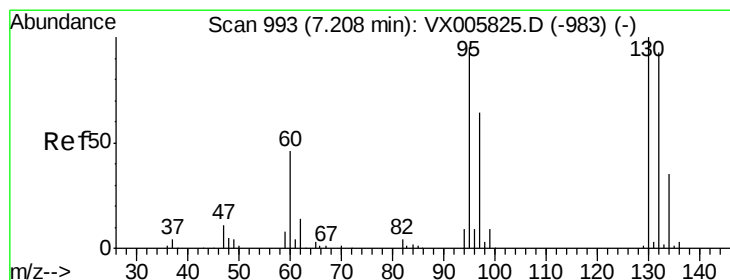
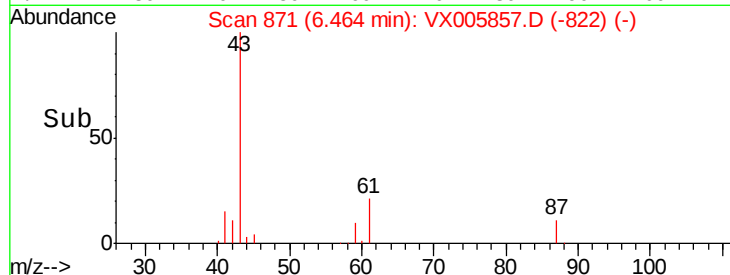
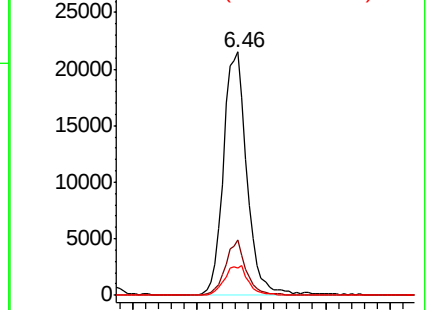
43 100

61 19.7 14.6 22.0

87 12.0 9.6 14.4



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: 20.248 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX005857.D

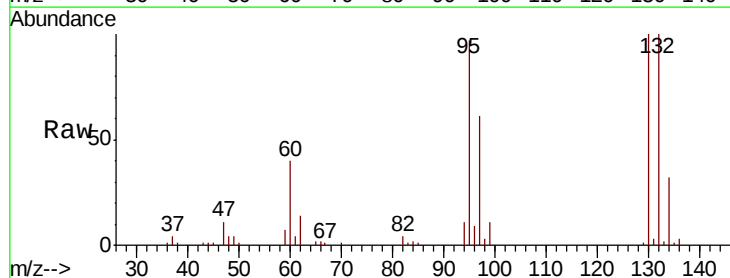
Acq: 09 Nov 2018 13:19

Tgt Ion:130 Resp: 22153

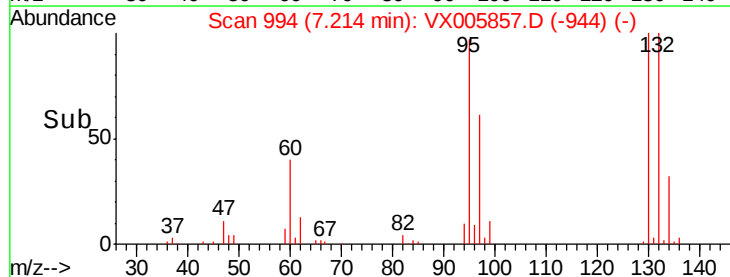
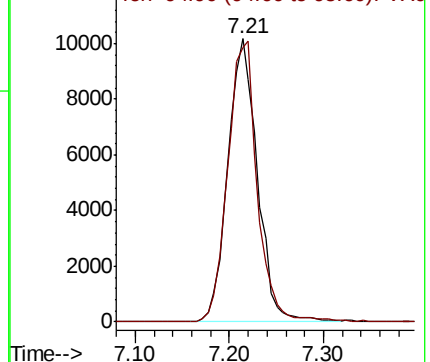
Ion Ratio Lower Upper

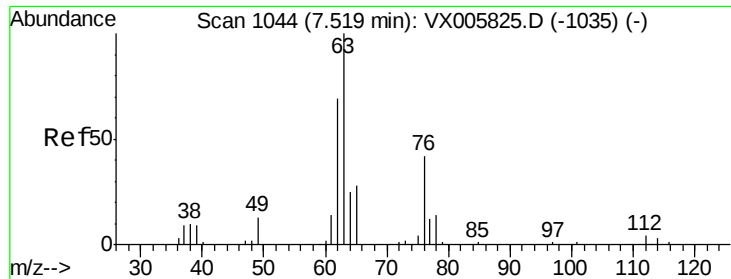
130 100

95 97.0 0.0 194.2



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





#45

1,2-Dichloropropane

Concen: 21.602 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Instrument :

MSVOA_X

ClientSampleId :

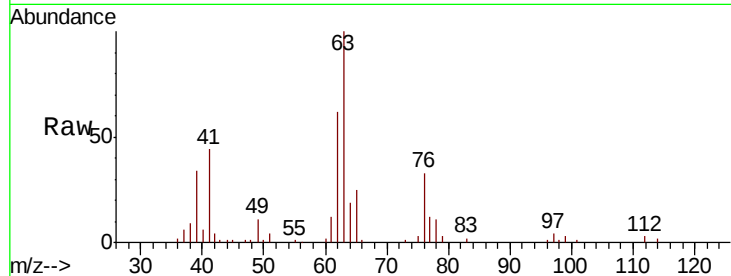
VX1109WBSD01

Tot Ion: 63 Resp: 22589

Ion Ratio Lower Upper

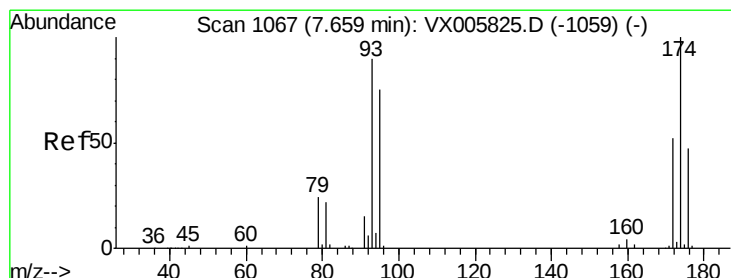
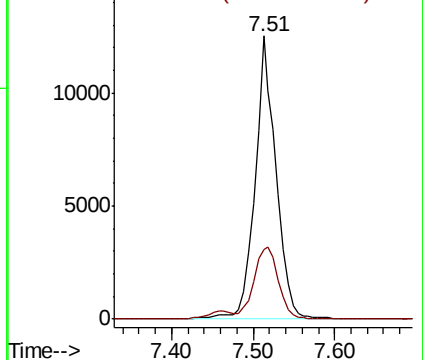
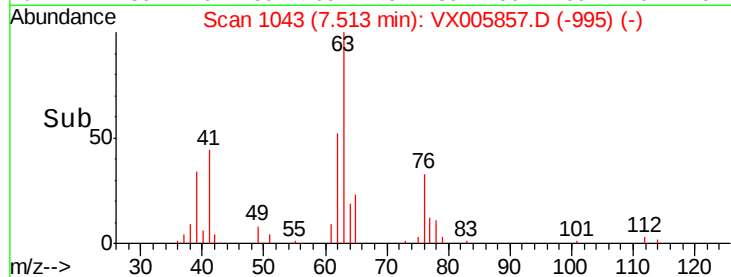
63 100

65 24.7 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 21.380 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

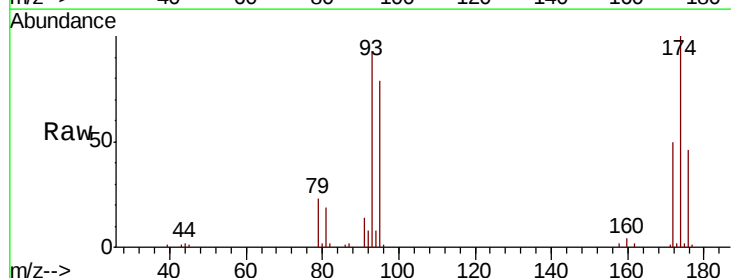
Tgt Ion: 93 Resp: 14029

Ion Ratio Lower Upper

93 100

95 83.1 67.4 101.0

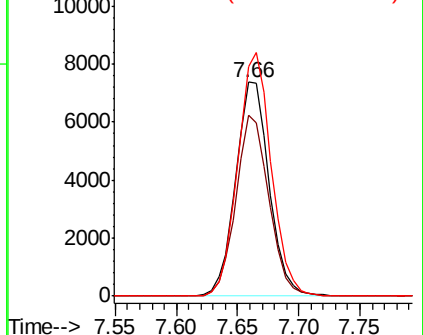
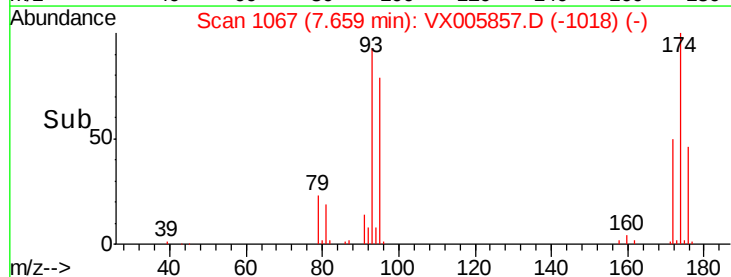
174 113.5 91.5 137.3



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.715 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD01

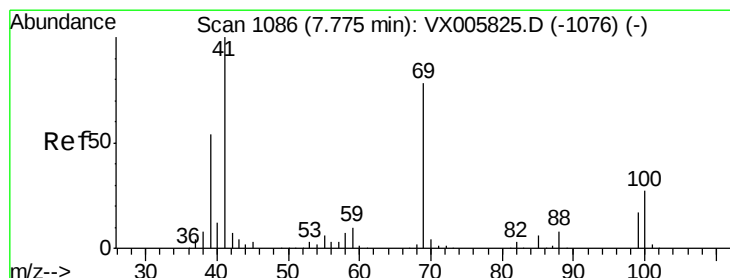
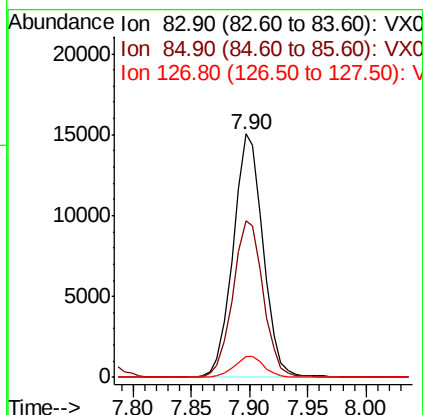
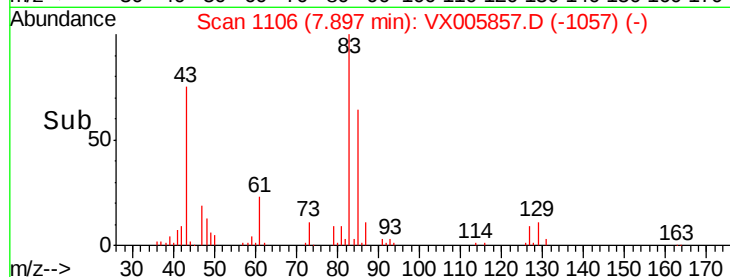
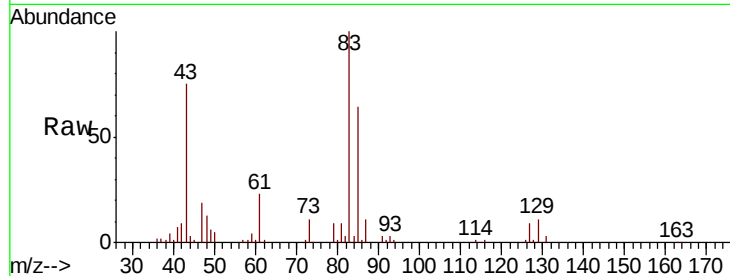
Tot Ion: 83 Resp: 26928

Ion Ratio Lower Upper

83 100

85 64.3 50.2 75.4

127 8.6 6.9 10.3



#48

Methyl methacrylate

Concen: 21.446 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

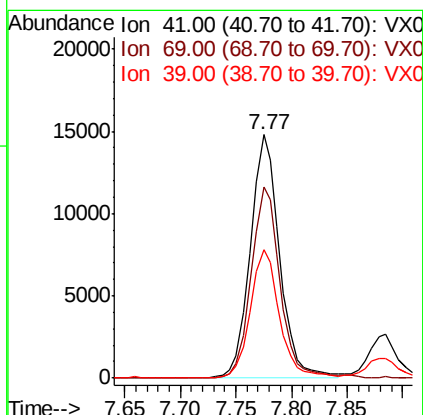
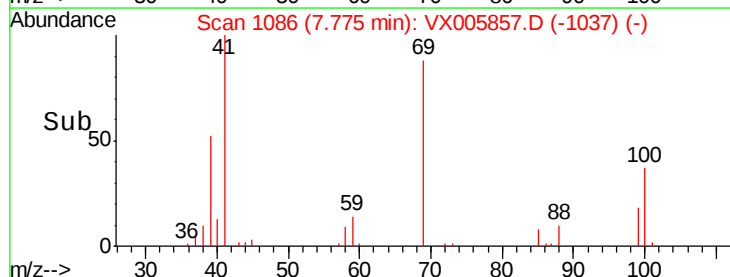
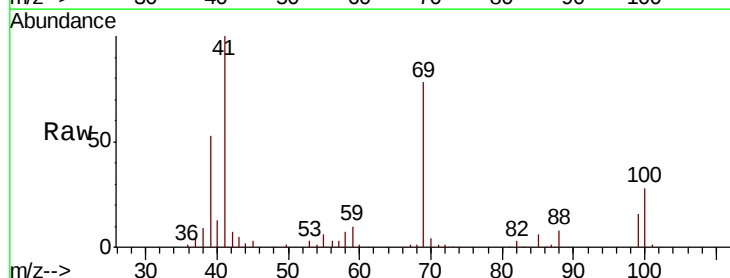
Tgt Ion: 41 Resp: 27117

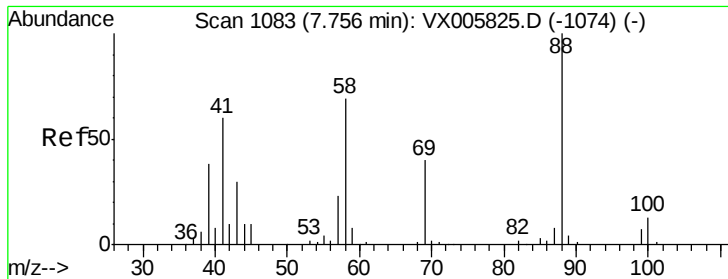
Ion Ratio Lower Upper

41 100

69 77.8 63.2 94.8

39 52.4 42.2 63.2





#49

1,4-Dioxane

Concen: 435.804 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.01 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD01

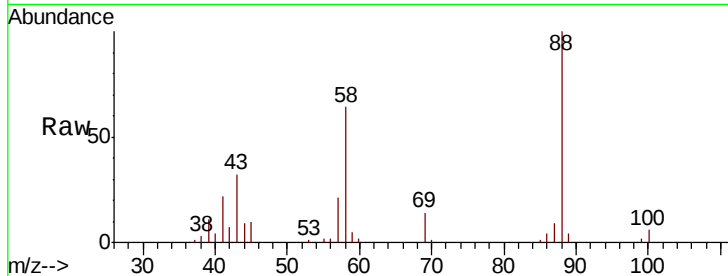
Tot Ion: 88 Resp: 11874

Ion Ratio Lower Upper

88 100

43 34.7 27.4 41.0

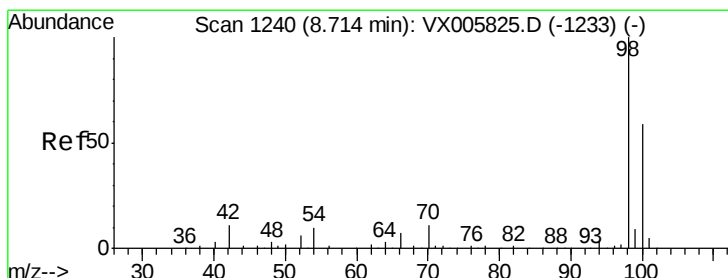
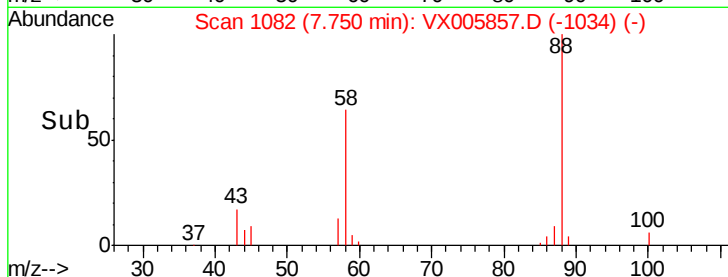
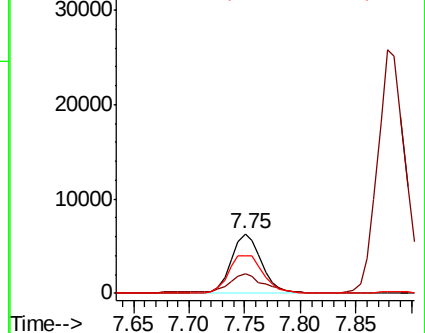
58 73.1 59.4 89.2



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: 51.795 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005857.D

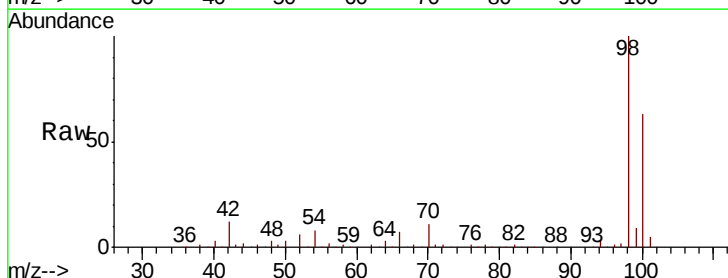
Acq: 09 Nov 2018 13:19

Tgt Ion: 98 Resp: 179540

Ion Ratio Lower Upper

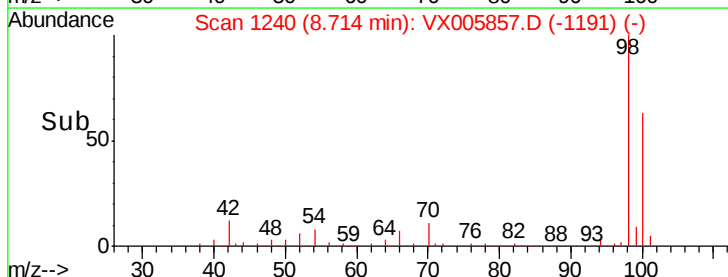
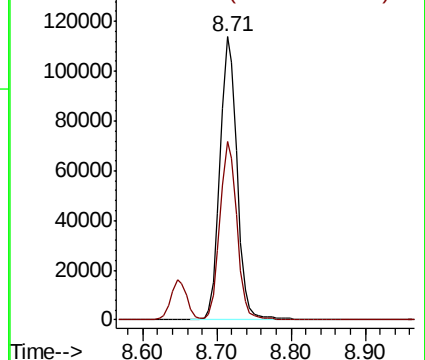
98 100

100 63.7 51.3 76.9



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: 104.106 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Instrument :

MSVOA_X

ClientSampleId :

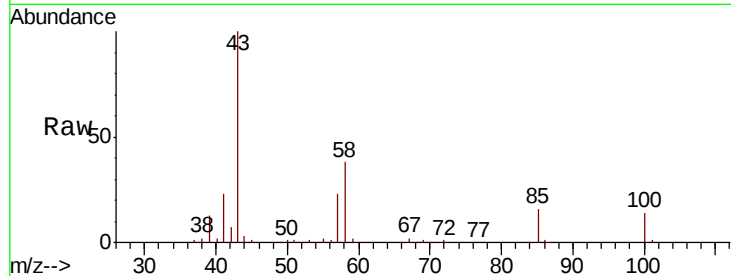
VX1109WBSD01

Tot Ion: 43 Resp: 184758

Ion Ratio Lower Upper

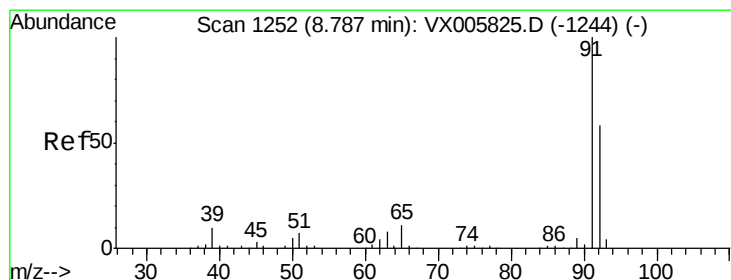
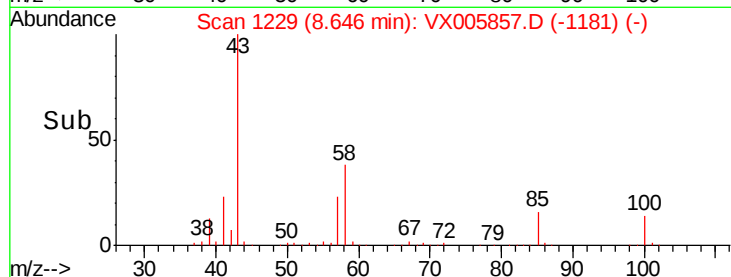
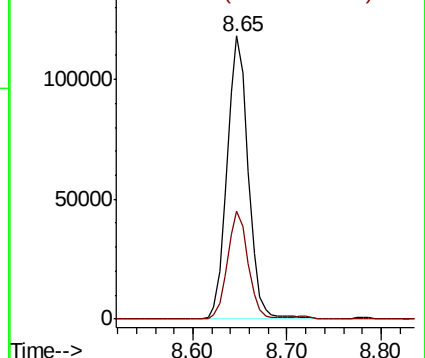
43 100

58 36.8 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.797 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005857.D

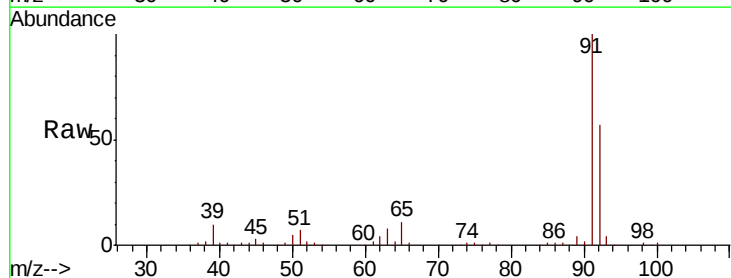
Acq: 09 Nov 2018 13:19

Tgt Ion: 92 Resp: 50075

Ion Ratio Lower Upper

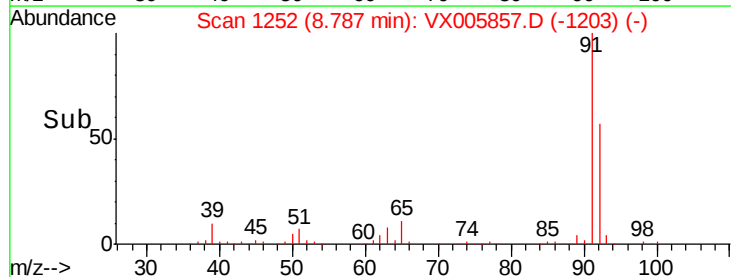
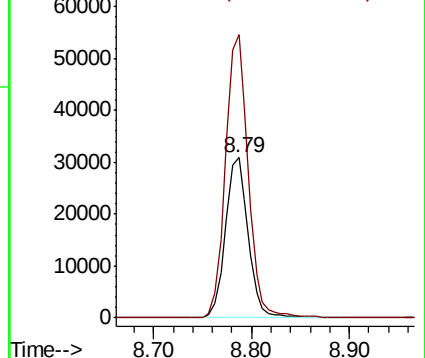
92 100

91 175.9 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 20.532 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Instrument :

MSVOA_X

ClientSampleId :

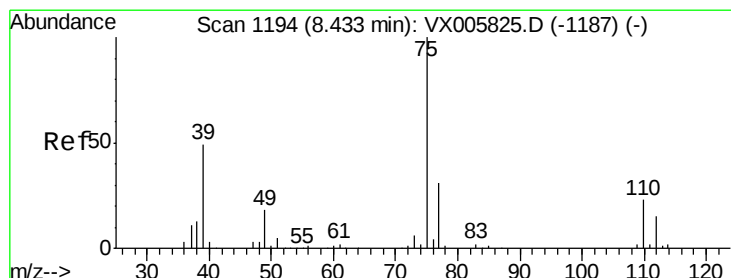
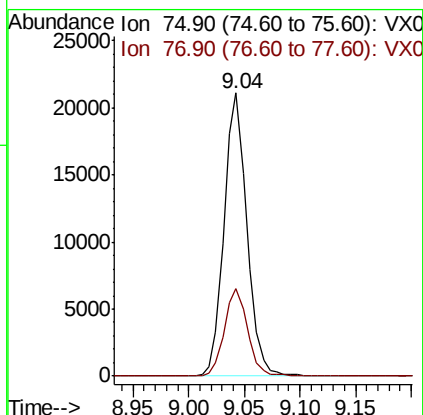
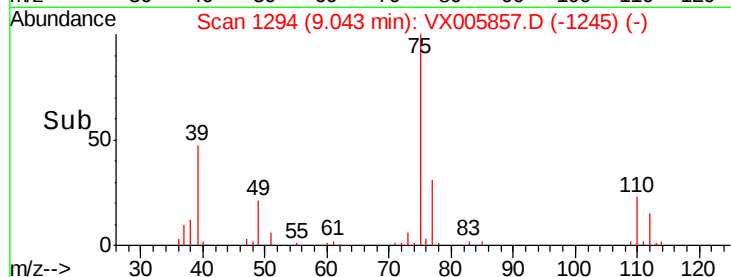
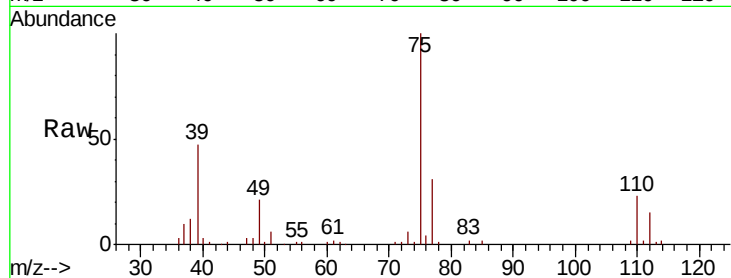
VX1109WBSD01

Tot Ion: 75 Resp: 30046

Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 21.709 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

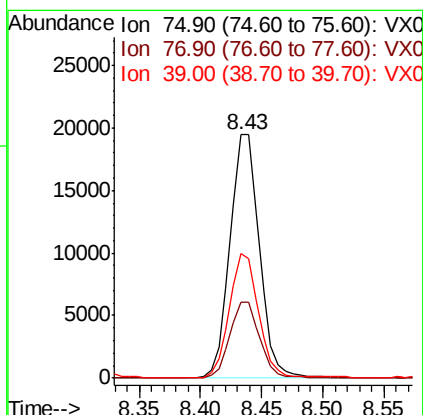
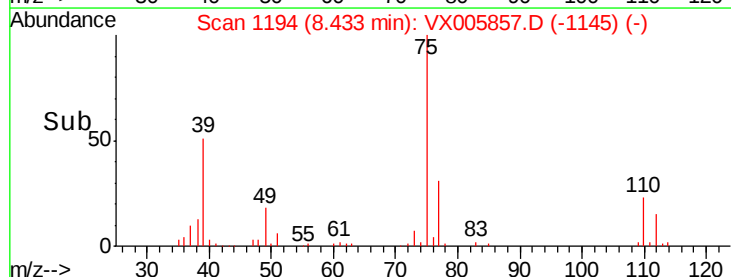
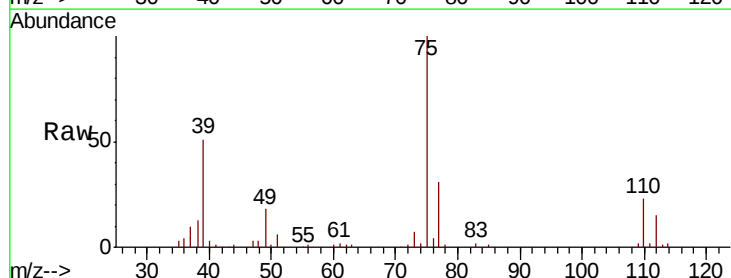
Tgt Ion: 75 Resp: 32381

Ion Ratio Lower Upper

75 100

77 31.0 25.2 37.8

39 51.1 38.2 57.2

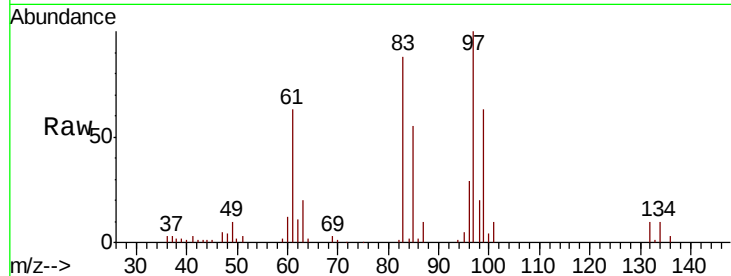




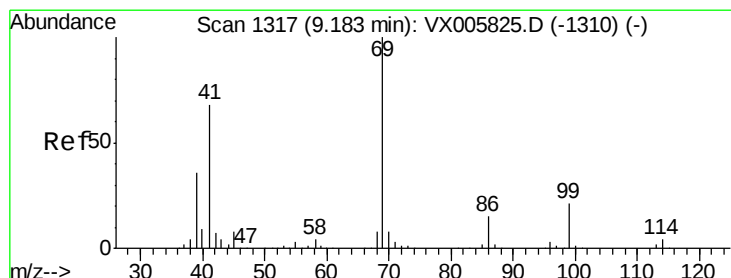
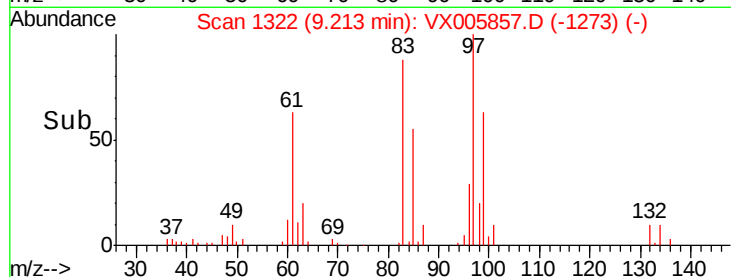
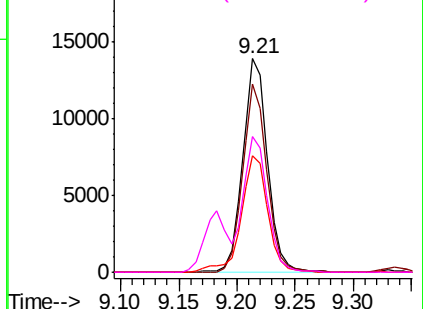
#55
 1,1,2-Trichloroethane
 Concen: 19.178 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005857.D
 Acq: 09 Nov 2018 13:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBSD01

Tot Ion: 97 Resp: 20580
 Ion Ratio Lower Upper
 97 100
 83 88.1 70.7 106.1
 85 54.8 45.8 68.6
 99 63.4 51.8 77.8

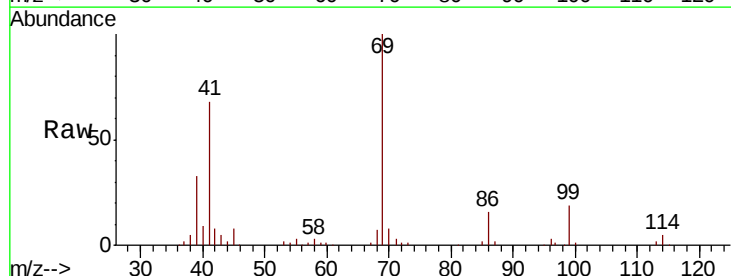


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

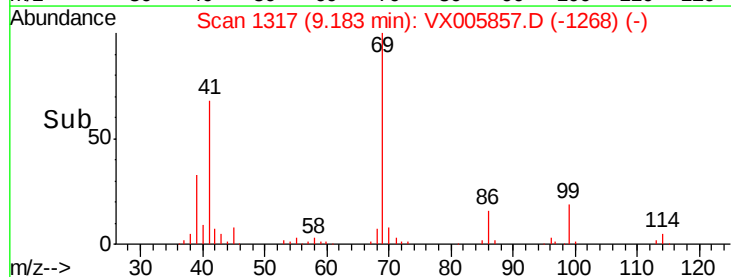
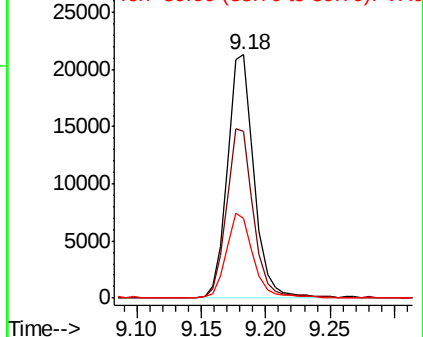


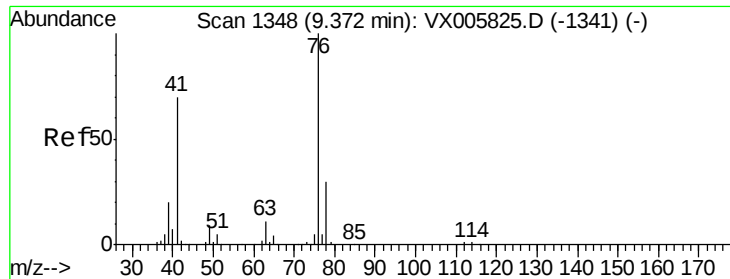
#56
 Ethyl methacrylate
 Concen: 19.262 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005857.D
 Acq: 09 Nov 2018 13:19

Tgt Ion: 69 Resp: 30927
 Ion Ratio Lower Upper
 69 100
 41 70.7 57.0 85.6
 39 35.5 28.3 42.5



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





#57

1,3-Dichloropropane

Concen: 19.398 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Instrument :

MSVOA_X

ClientSampleId :

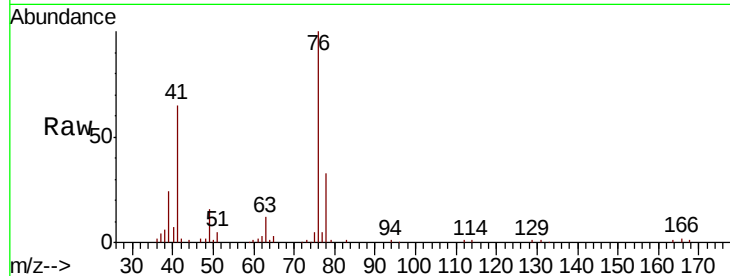
VX1109WBSD01

Tot Ion: 76 Resp: 34981

Ion Ratio Lower Upper

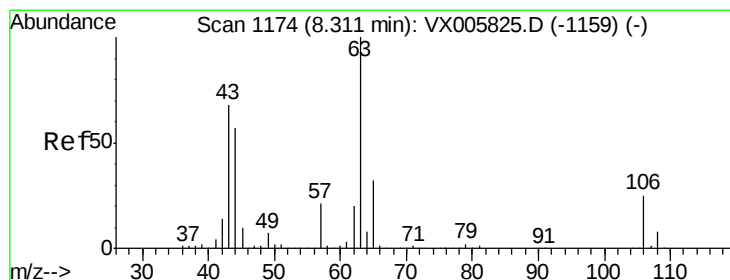
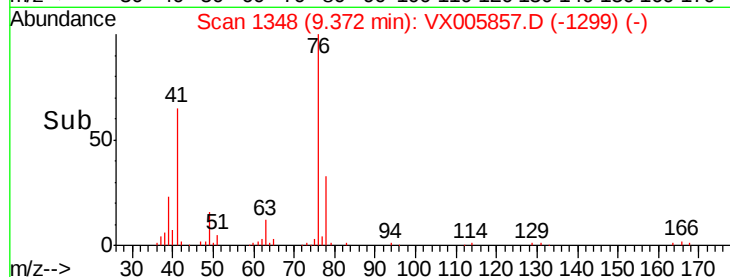
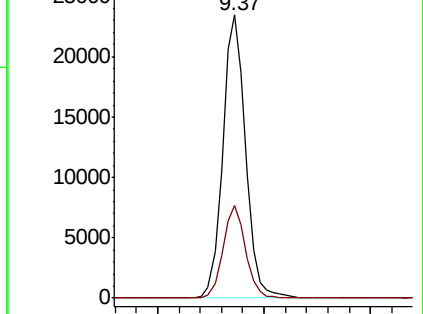
76 100

78 32.2 25.3 37.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 109.998 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX005857.D

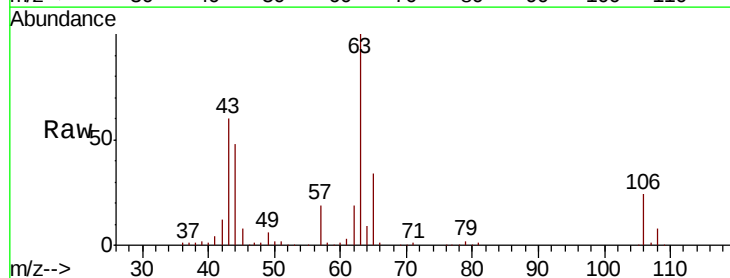
Acq: 09 Nov 2018 13:19

Tgt Ion: 63 Resp: 92043

Ion Ratio Lower Upper

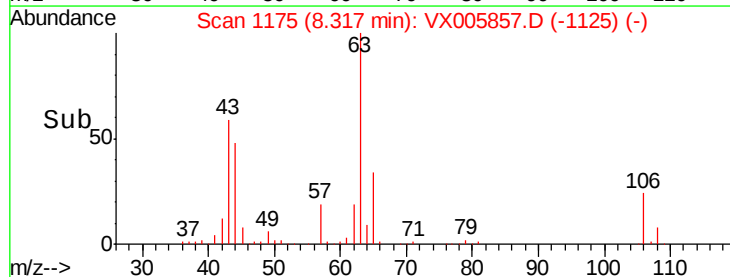
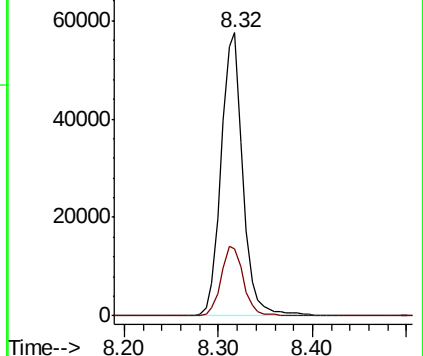
63 100

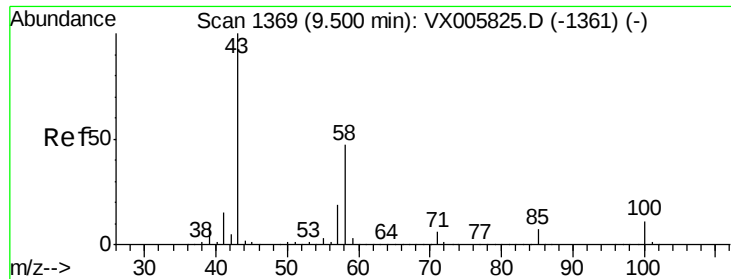
106 25.5 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

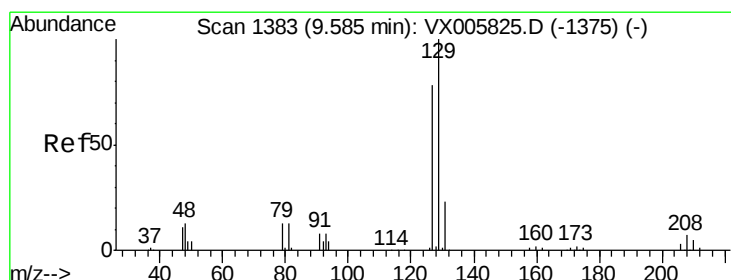
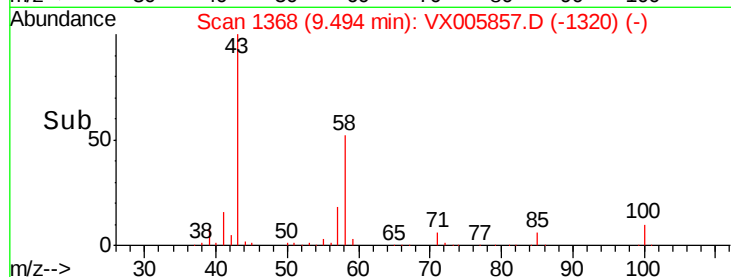
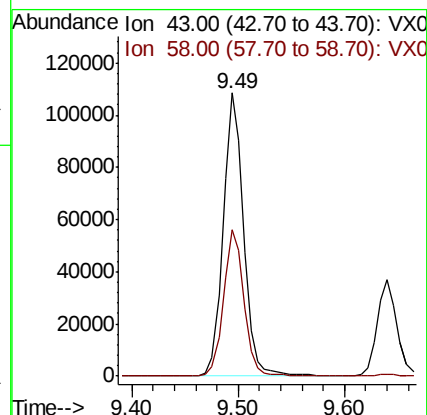
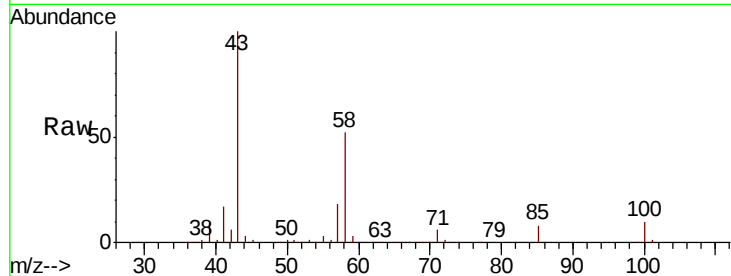




#59
2-Hexanone
Concen: 92.738 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

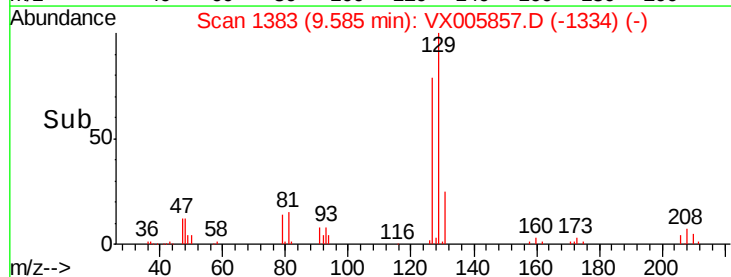
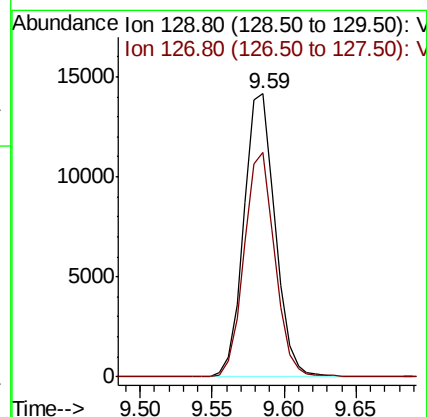
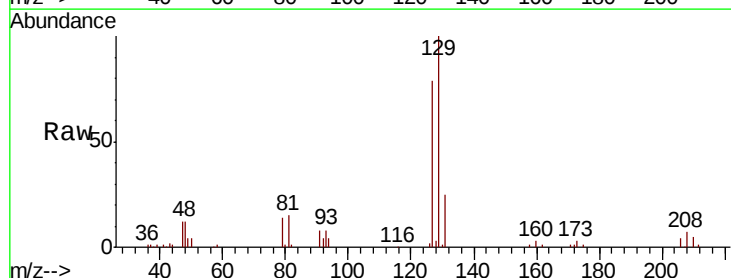
Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

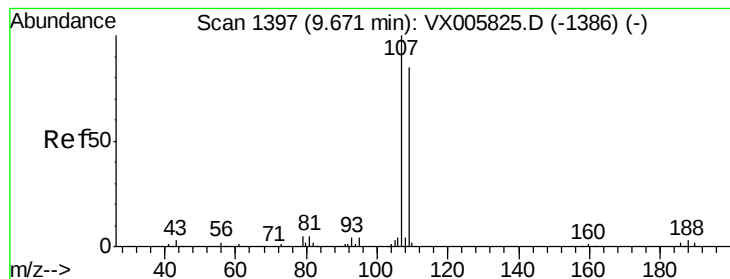
Tot Ion: 43 Resp: 145073
Ion Ratio Lower Upper
43 100
58 51.6 25.9 77.8



#60
Dibromochloromethane
Concen: 18.326 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Tgt Ion: 129 Resp: 21253
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.7





#61

1,2-Dibromoethane

Concen: 18.251 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Instrument :

MSVOA_X

ClientSampleId :

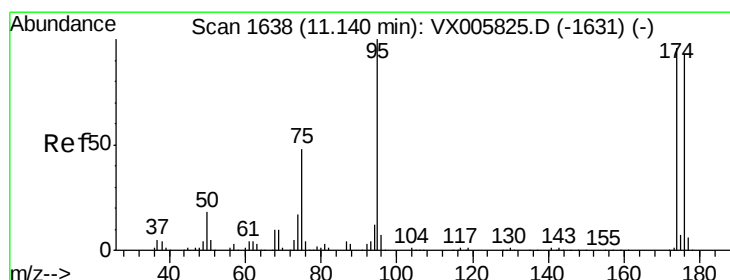
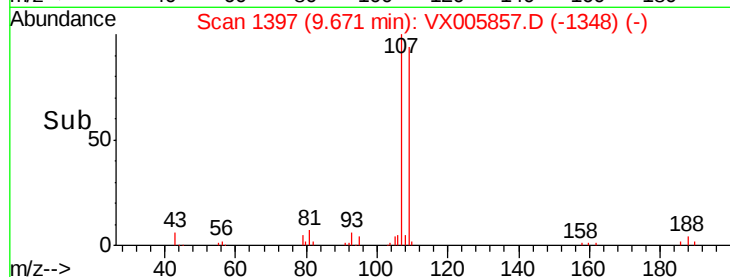
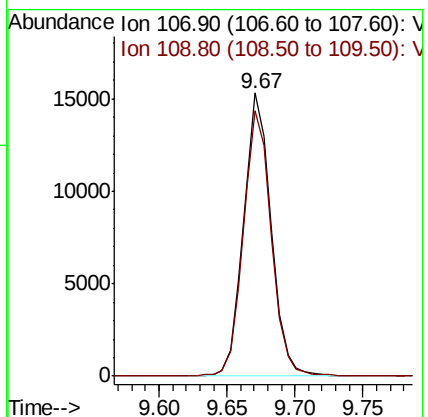
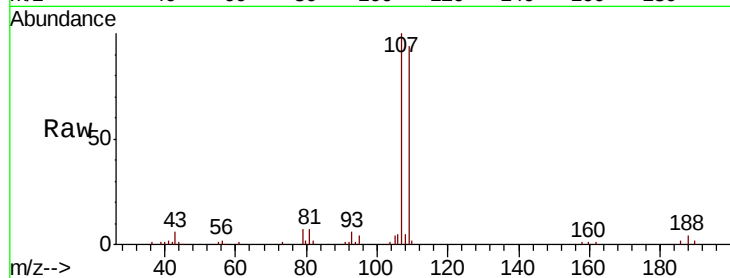
VX1109WBSD01

Tot Ion: 107 Resp: 21656

Ion Ratio Lower Upper

107 100

109 95.2 75.7 113.5



#62

4-Bromofluorobenzene

Concen: 53.040 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

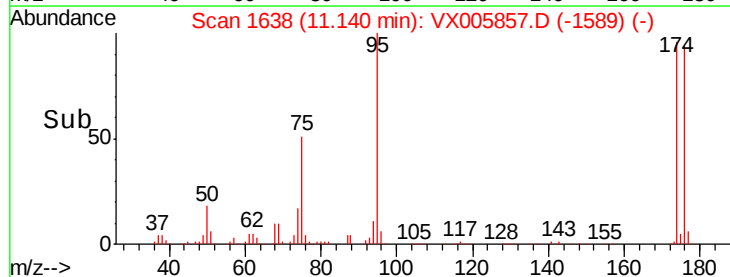
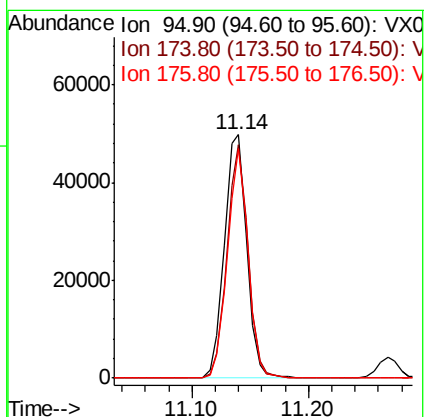
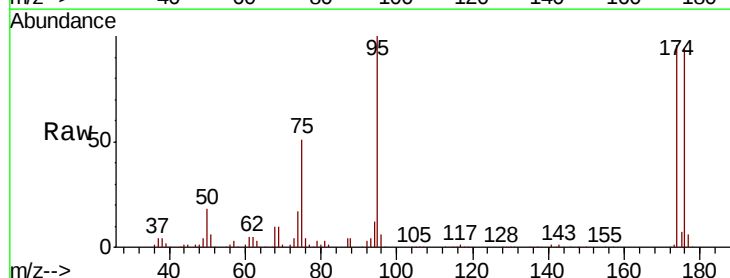
Tgt Ion: 95 Resp: 66103

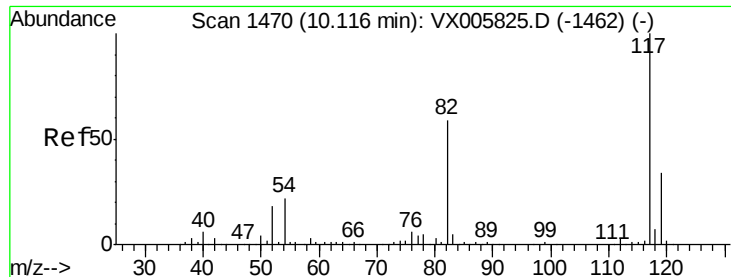
Ion Ratio Lower Upper

95 100

174 90.8 0.0 184.4

176 87.7 0.0 177.4

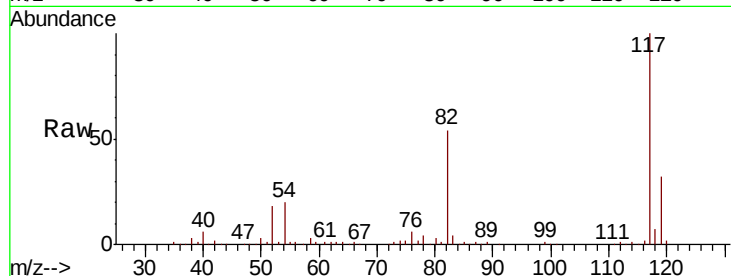




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	44.1	66.1
119	31.9	26.2	39.2

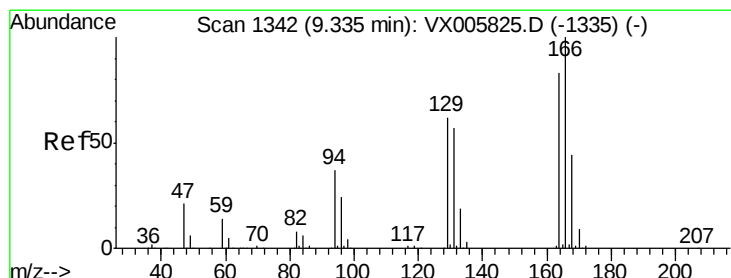
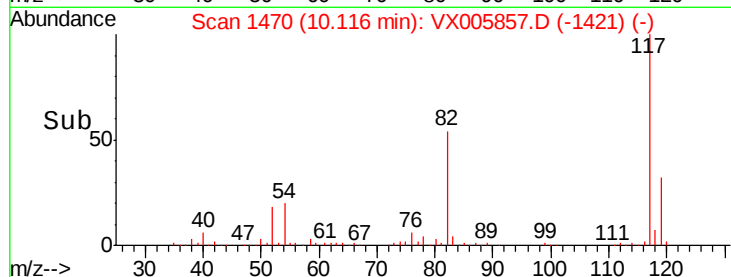
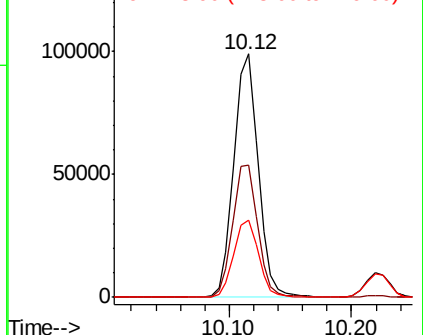


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 18.758 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.5	101.9	152.9
129	89.9	72.6	109.0
131	86.6	71.1	106.7

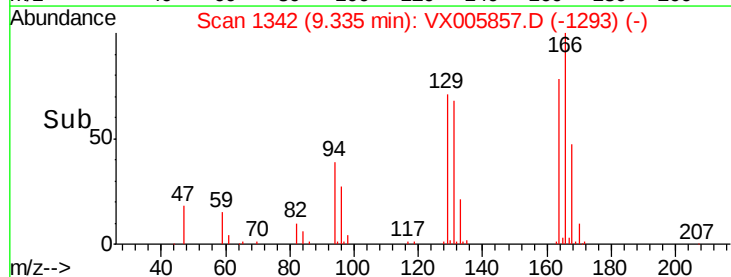
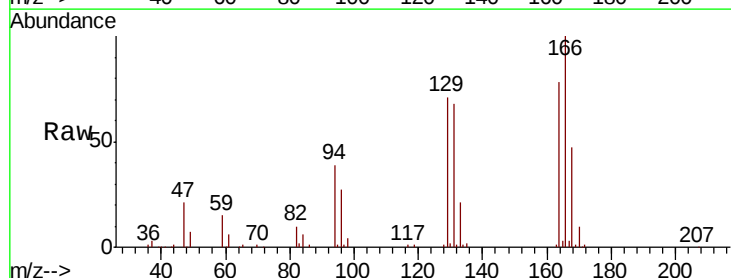
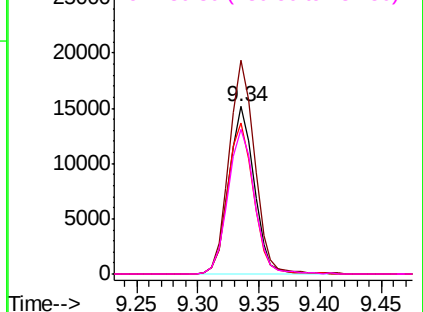
Abundance

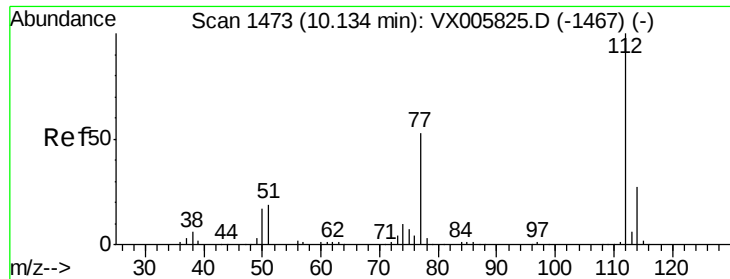
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

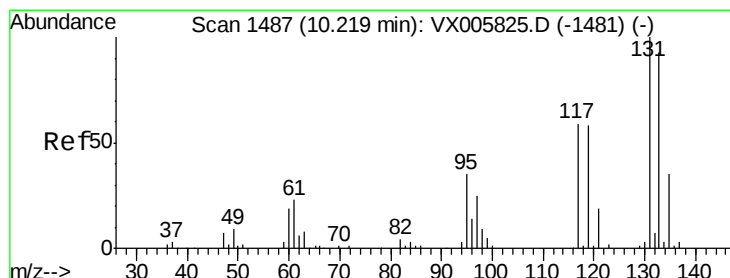
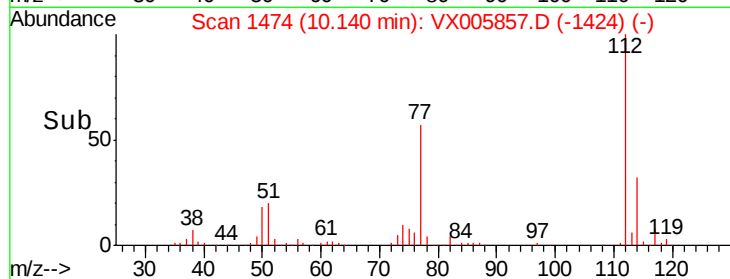
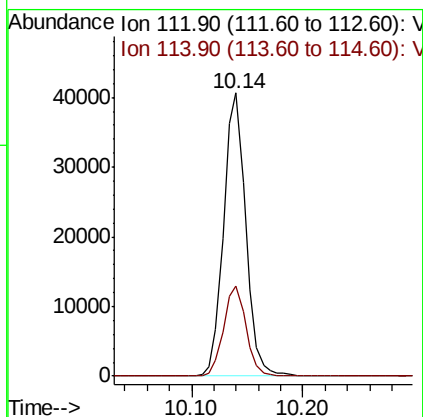
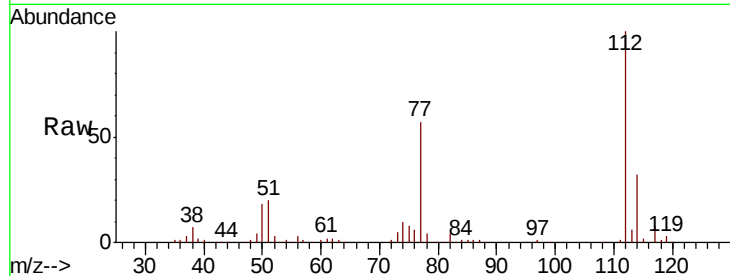




#65
Chlorobenzene
Concen: 20.539 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

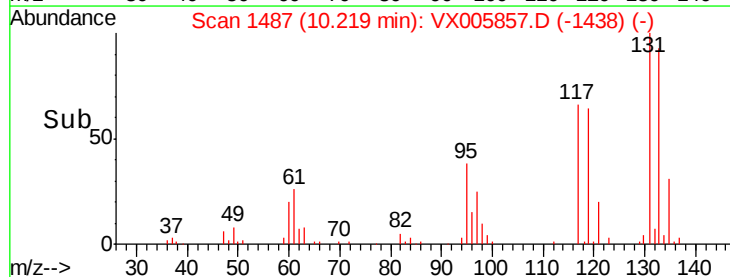
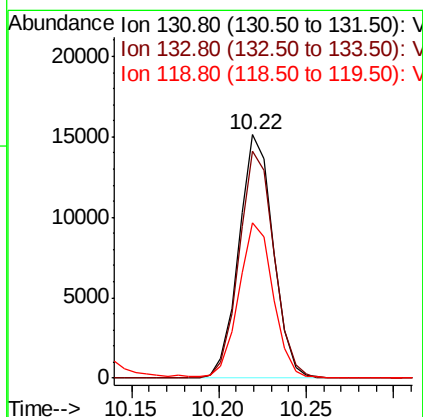
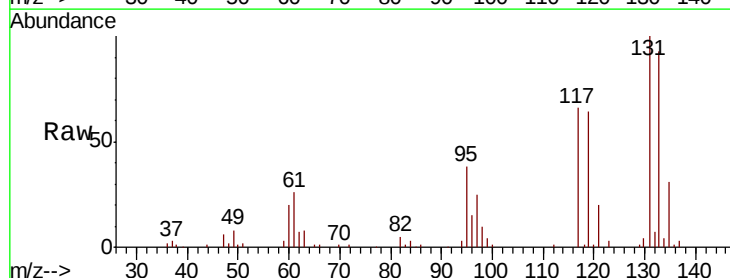
Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

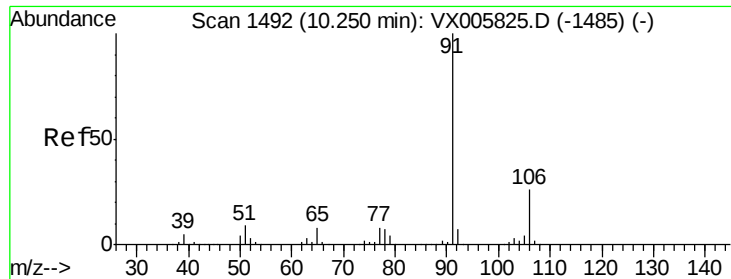
Tot Ion:112 Resp: 56109
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.728 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Tgt Ion:131 Resp: 20636
Ion Ratio Lower Upper
131 100
133 94.6 47.5 142.5
119 64.3 31.8 95.3





#67

Ethyl Benzene

Concen: 21.480 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Instrument :

MSVOA_X

ClientSampleId :

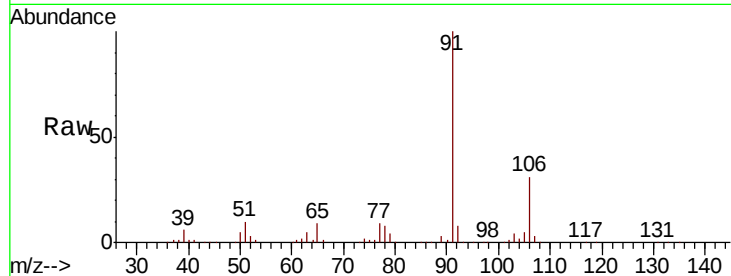
VX1109WBSD01

Tot Ion: 91 Resp: 94095

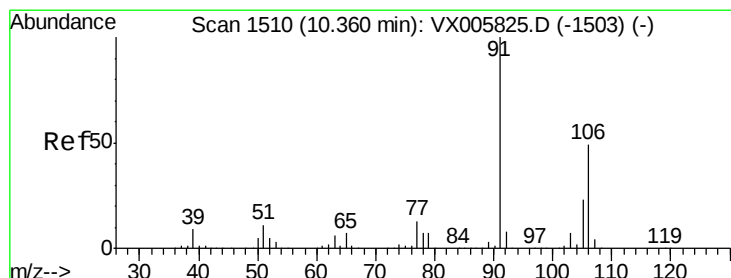
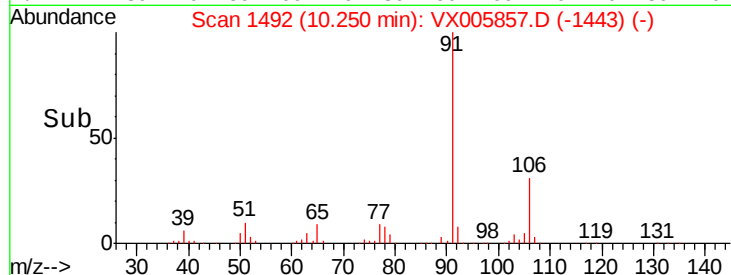
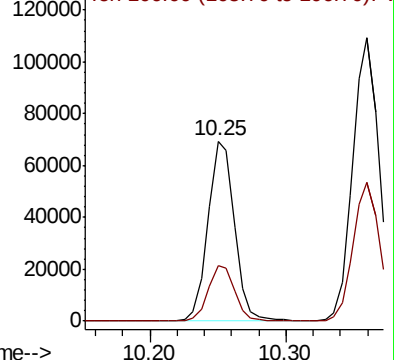
Ion Ratio Lower Upper

91 100

106 30.9 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX005825.D (-1485) (-)



#68

m/p-Xylenes

Concen: 44.236 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005857.D

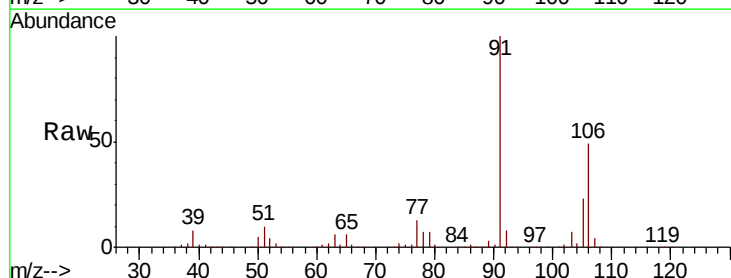
Acq: 09 Nov 2018 13:19

Tgt Ion: 106 Resp: 73915

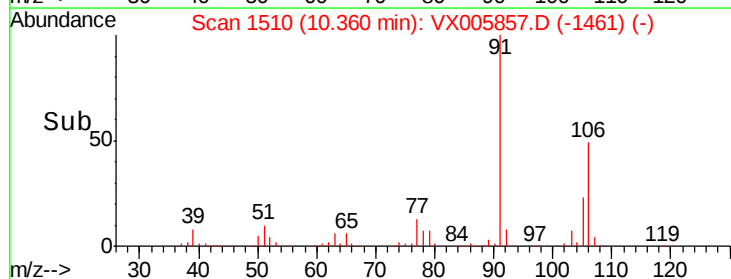
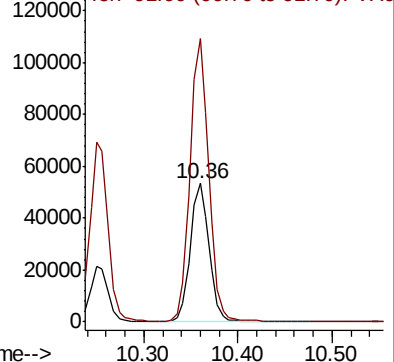
Ion Ratio Lower Upper

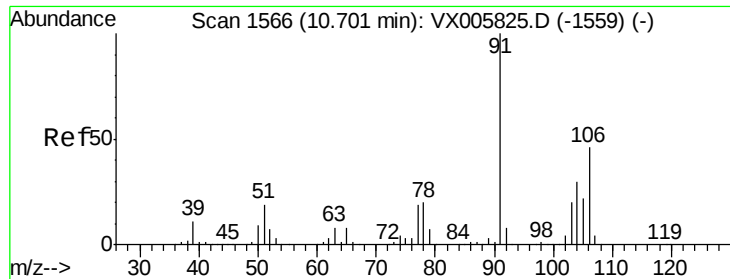
106 100

91 203.7 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): VX005825.D (-1503) (-)

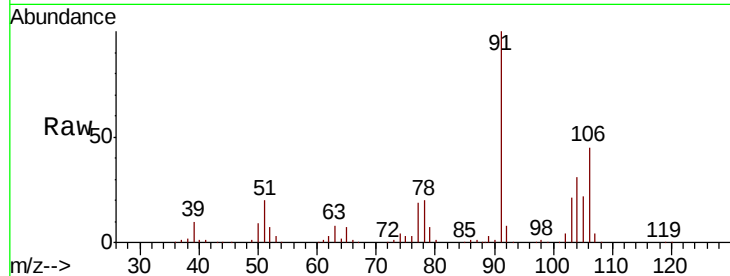




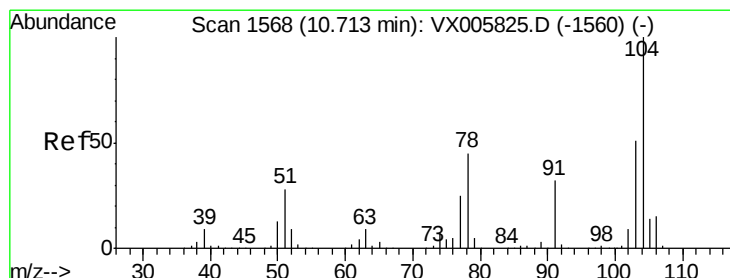
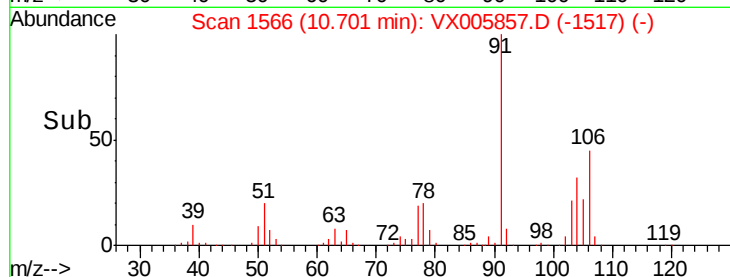
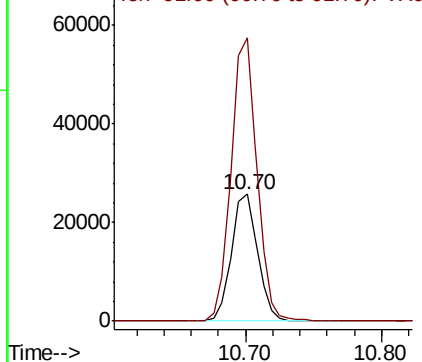
#69
o-Xylene
Concen: 23.087 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

Tot Ion:106 Resp: 34592
Ion Ratio Lower Upper
106 100
91 220.1 108.5 325.5

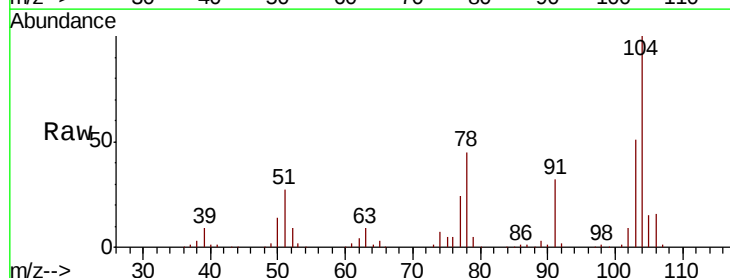


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

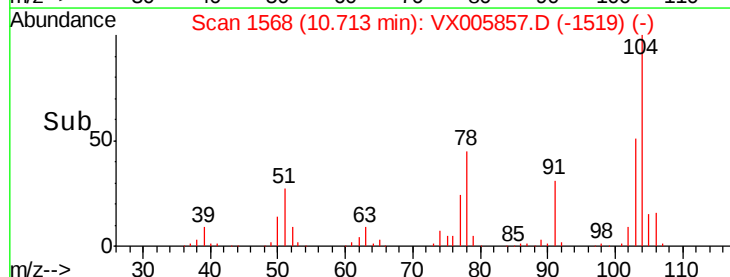
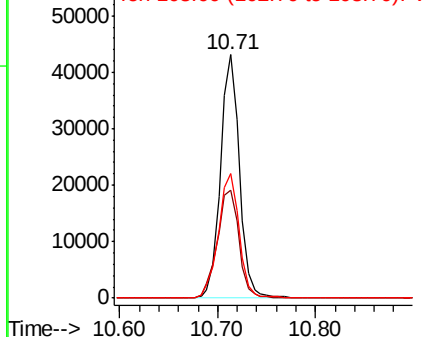


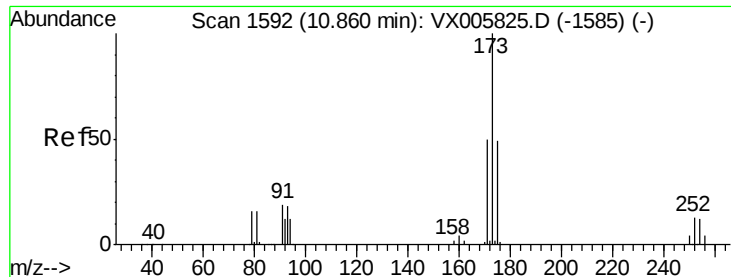
#70
Styrene
Concen: 23.469 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Tgt Ion:104 Resp: 58008
Ion Ratio Lower Upper
104 100
78 51.1 40.2 60.4
103 55.9 44.9 67.3



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: 22.235 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD01

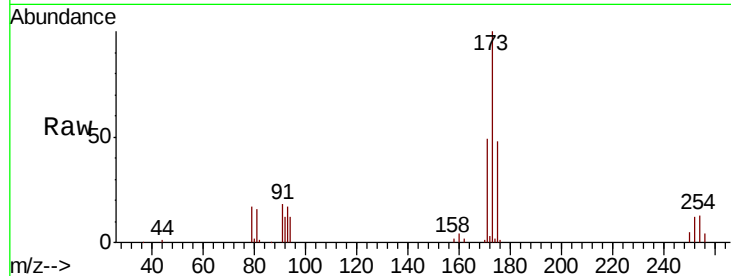
Tot Ion:173 Resp: 17703

Ion Ratio Lower Upper

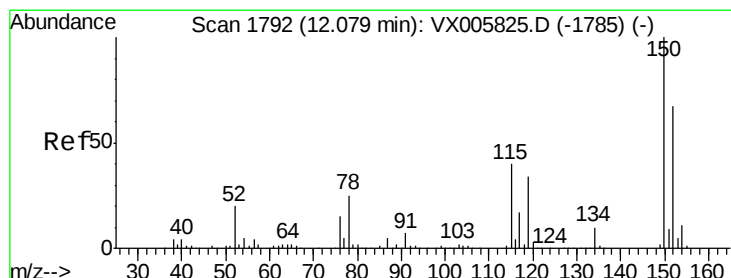
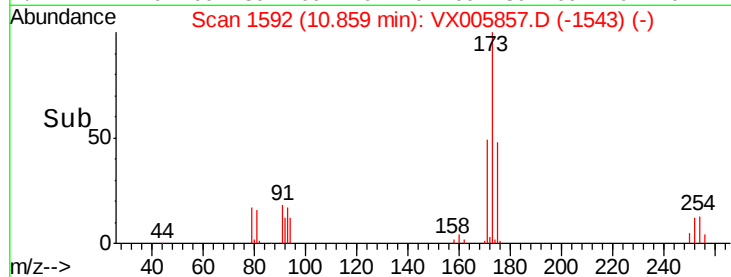
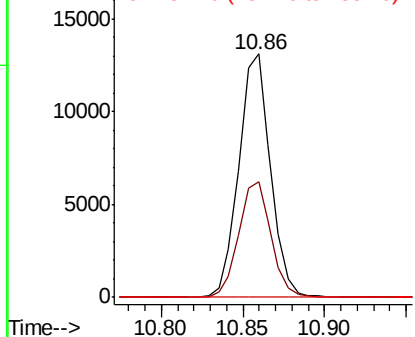
173 100

175 48.3 24.8 74.3

254 0.0 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: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

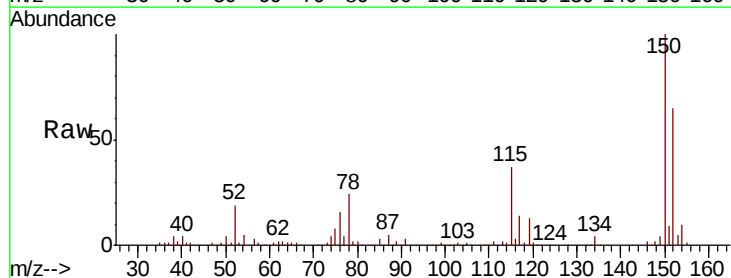
Tgt Ion:152 Resp: 73998

Ion Ratio Lower Upper

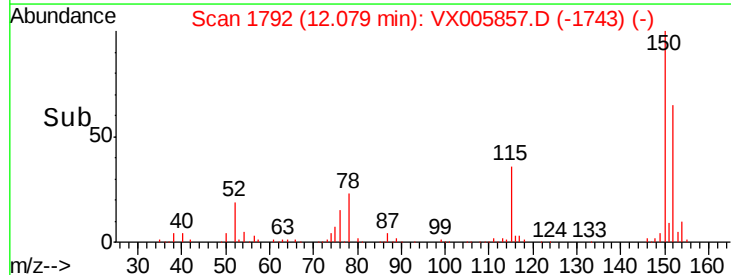
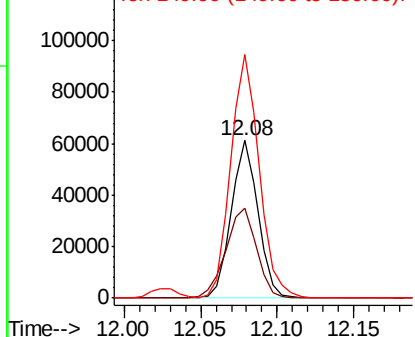
152 100

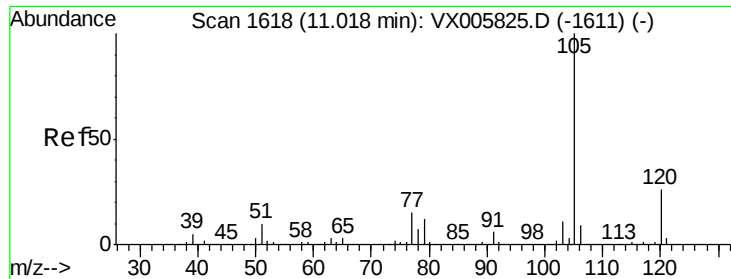
115 65.6 39.4 118.1

150 164.5 0.0 346.4



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





#73

Isopropylbenzene

Concen: 22.296 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Instrument :

MSVOA_X

ClientSampleId :

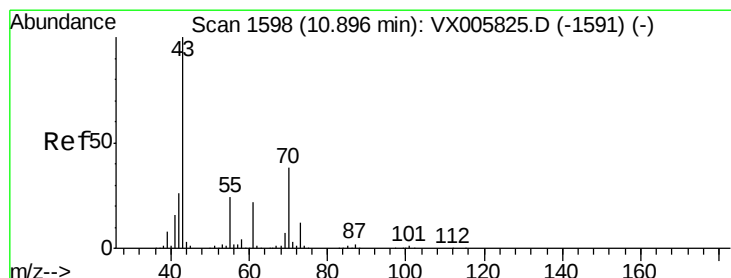
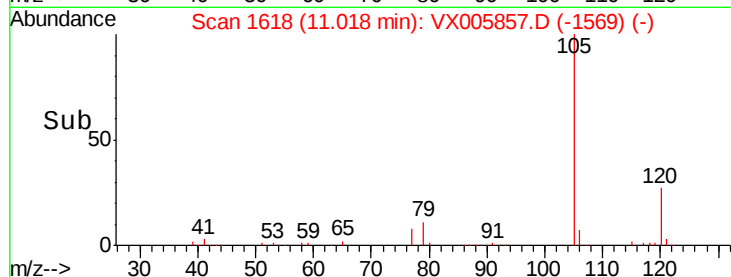
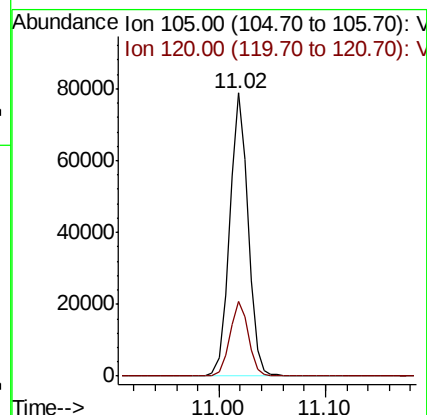
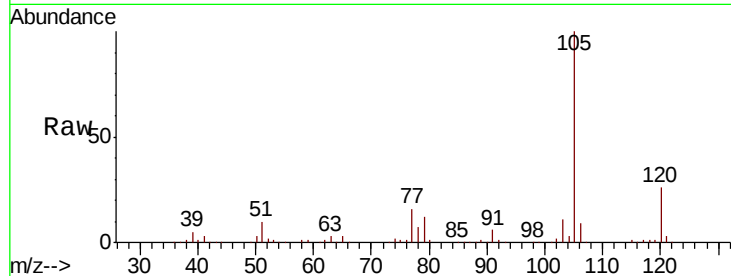
VX1109WBSD01

Tot Ion:105 Resp: 95411

Ion Ratio Lower Upper

105 100

120 26.5 13.1 39.3



#74

N-ethyl acetate

Concen: 20.145 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Tgt Ion: 43 Resp: 46531

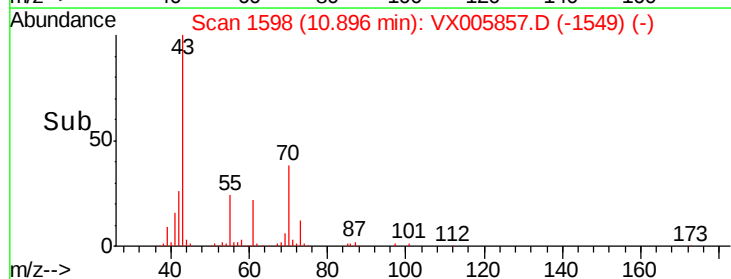
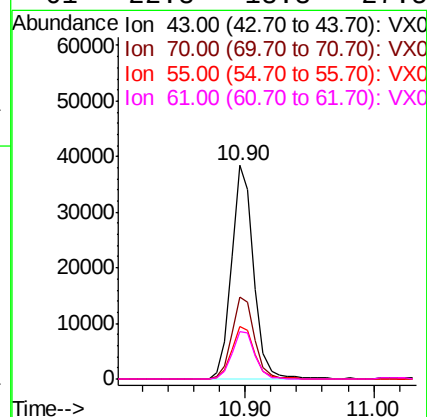
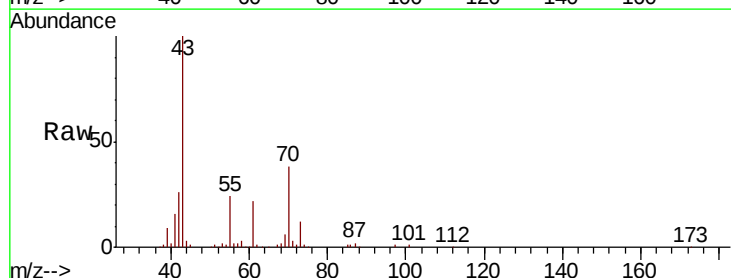
Ion Ratio Lower Upper

43 100

70 39.2 31.6 47.4

55 25.5 19.7 29.5

61 22.8 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 21.253 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Instrument :

MSVOA_X

ClientSampled :

VX1109WBSD01

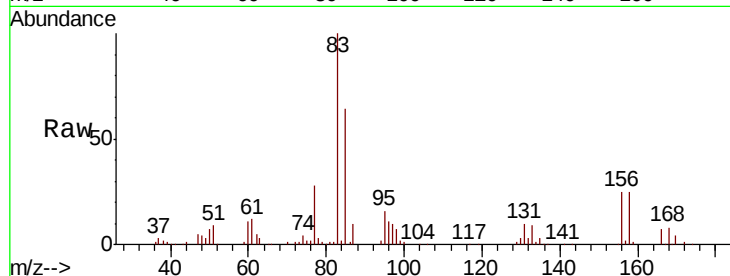
Tot Ion: 83 Resp: 33381

Ion Ratio Lower Upper

83 100

131 10.3 5.3 15.9

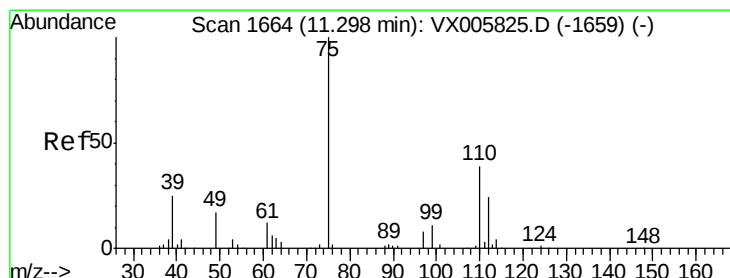
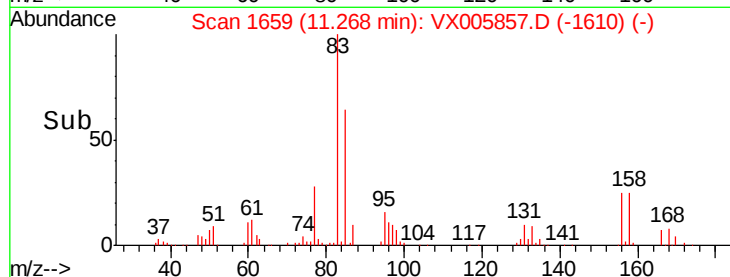
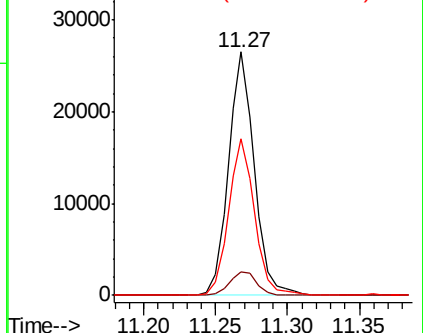
85 64.6 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.708 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005857.D

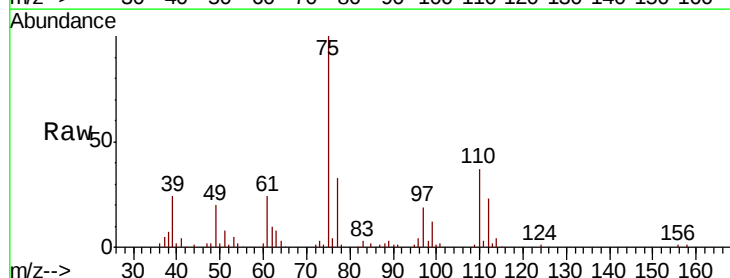
Acq: 09 Nov 2018 13:19

Tgt Ion: 75 Resp: 40243

Ion Ratio Lower Upper

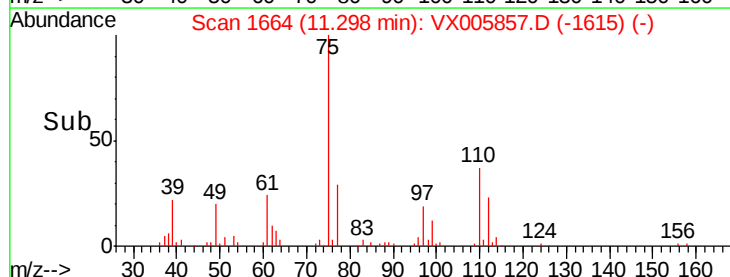
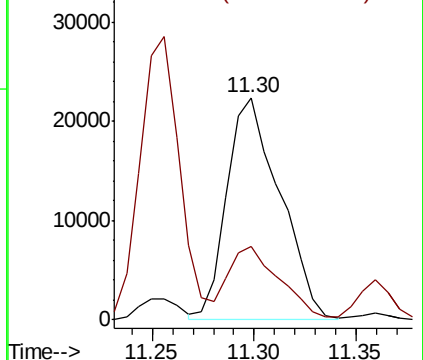
75 100

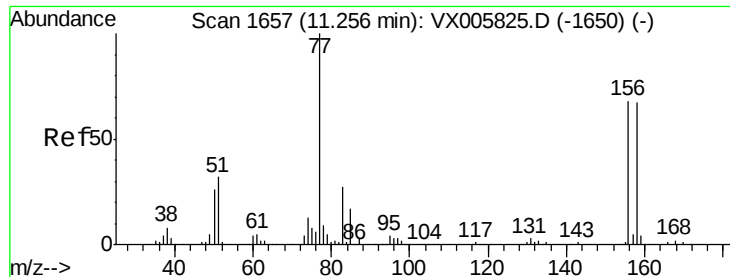
77 31.5 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.004 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD01

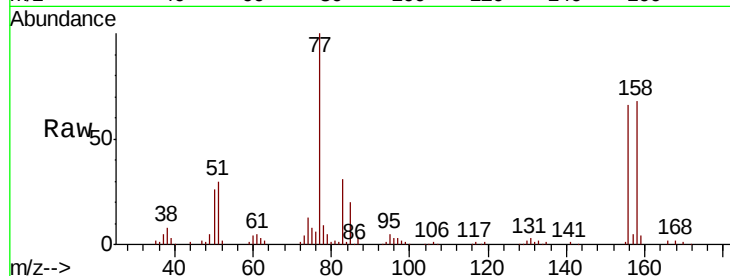
Tot Ion:156 Resp: 25334

Ion Ratio Lower Upper

156 100

77 152.3 74.8 224.4

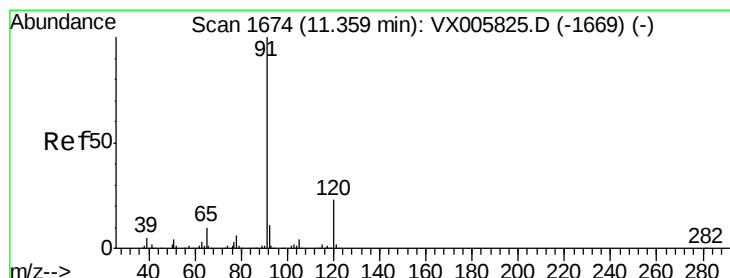
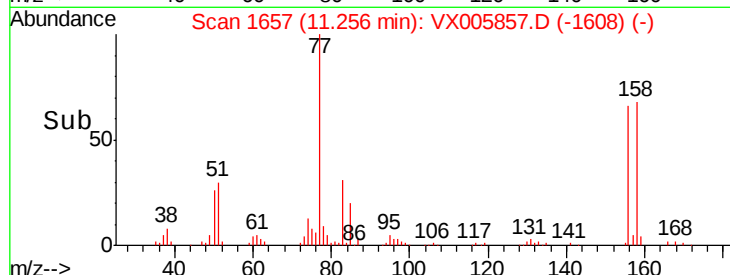
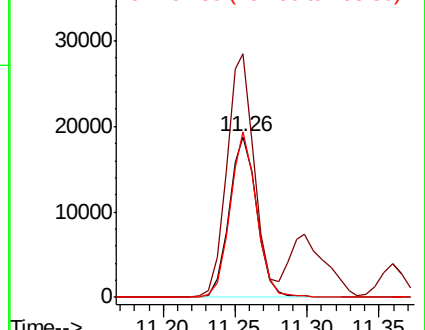
158 98.9 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.942 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005857.D

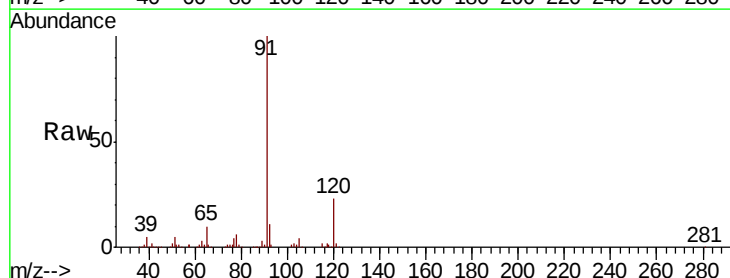
Acq: 09 Nov 2018 13:19

Tgt Ion: 91 Resp: 110656

Ion Ratio Lower Upper

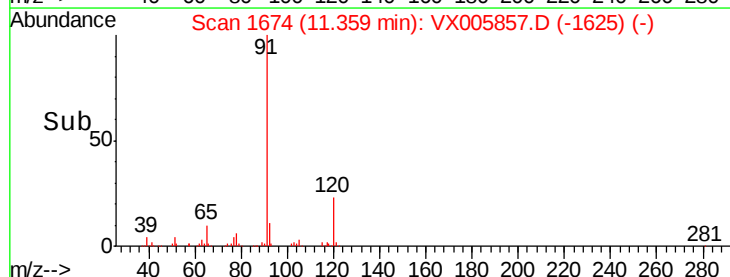
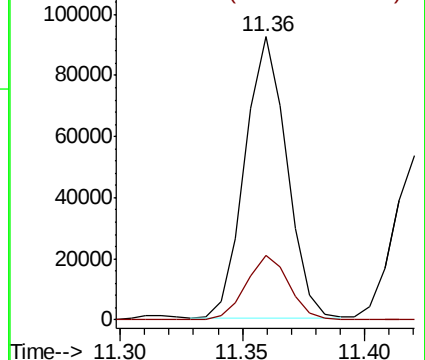
91 100

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

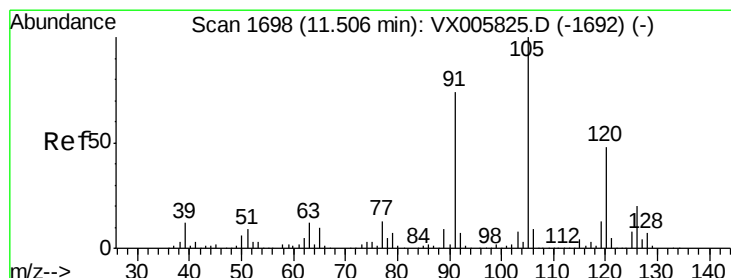
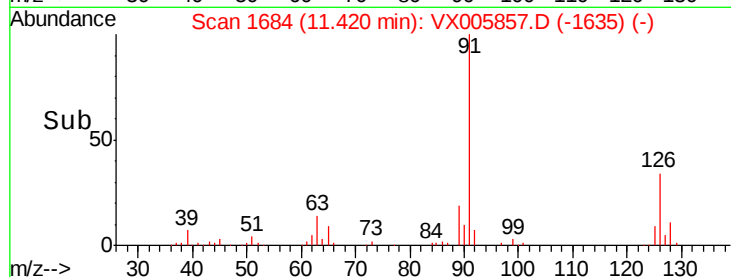
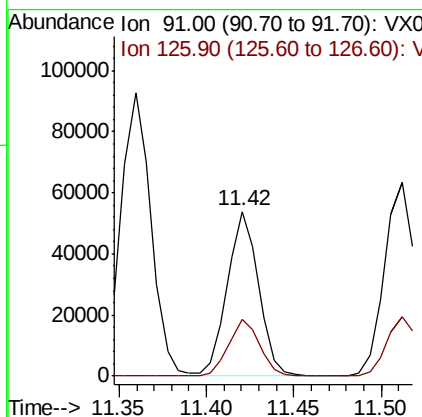
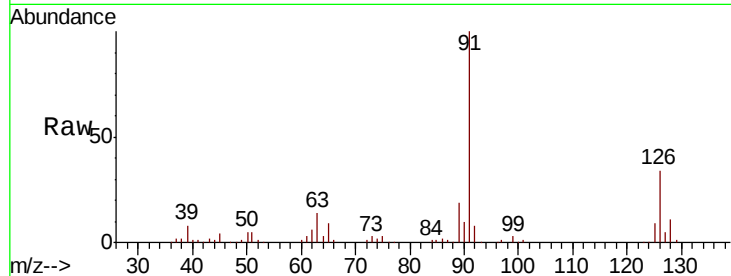




#79
 2-Chlorotoluene
 Concen: 21.800 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005857.D
 Acq: 09 Nov 2018 13:19

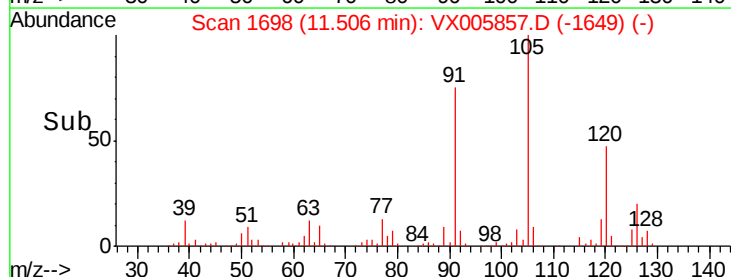
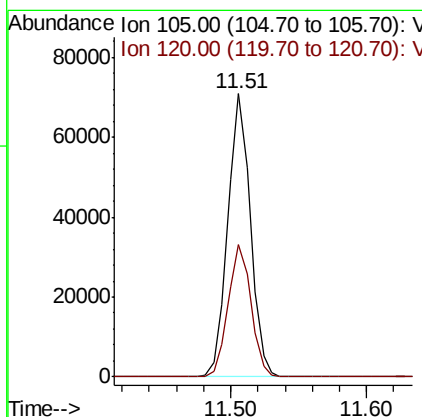
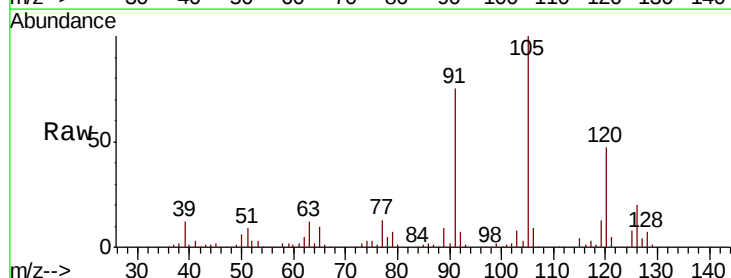
Instrument :
 MSVOA_X
 ClientSampled :
 VX1109WBSD01

Tot Ion: 91 Resp: 66452
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 22.453 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005857.D
 Acq: 09 Nov 2018 13:19

Tgt Ion: 105 Resp: 81649
 Ion Ratio Lower Upper
 105 100
 120 47.6 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 20.827 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD01

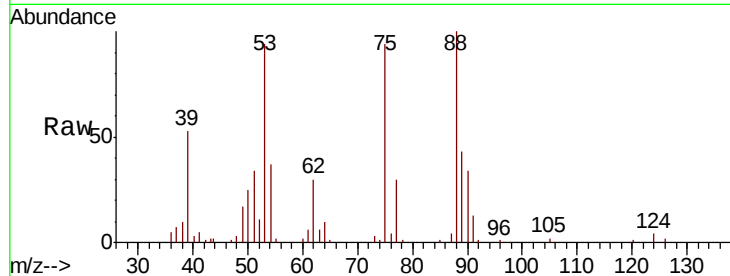
Tot Ion: 75 Resp: 9846

Ion Ratio Lower Upper

75 100

53 103.4 80.2 120.2

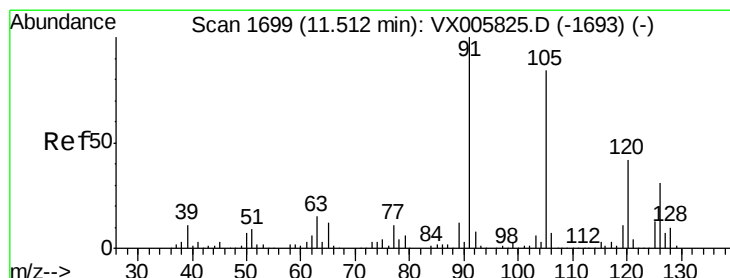
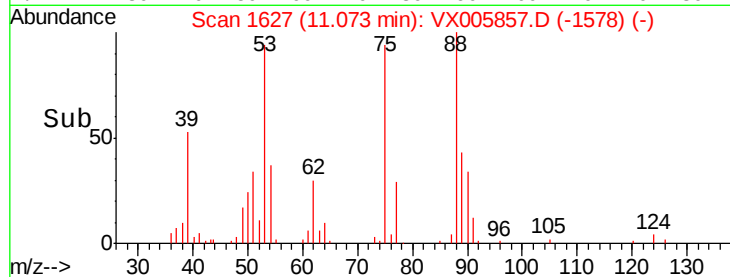
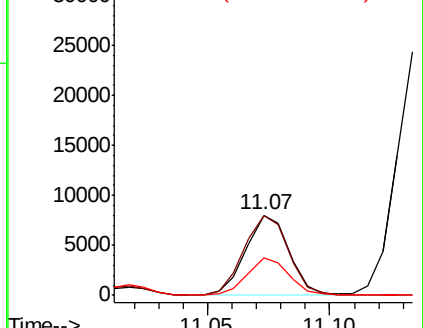
89 45.7 39.8 59.8



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: 22.048 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005857.D

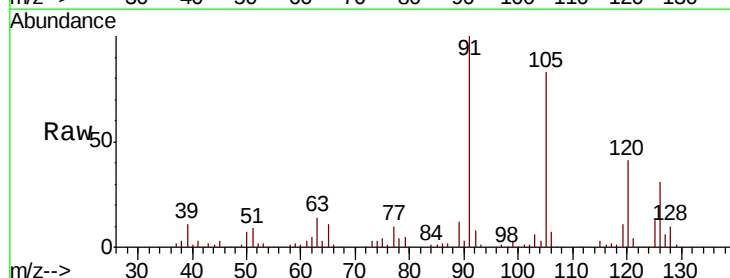
Acq: 09 Nov 2018 13:19

Tgt Ion: 91 Resp: 79208

Ion Ratio Lower Upper

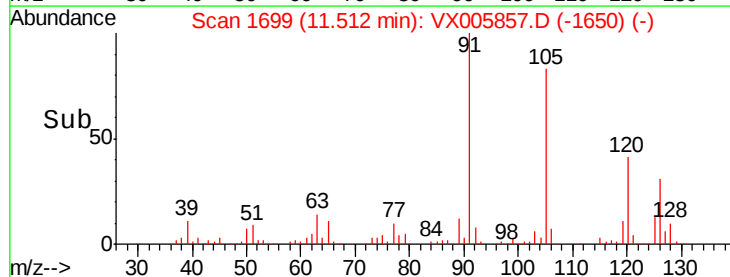
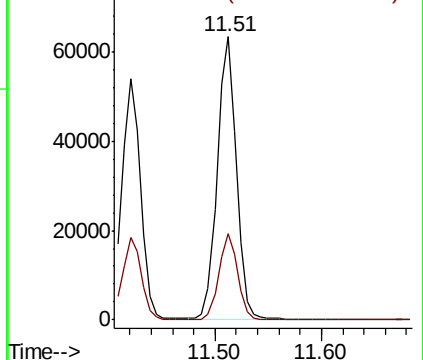
91 100

126 30.0 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 21.709 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD01

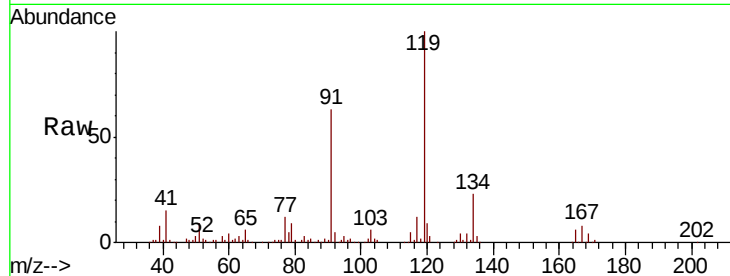
Tot Ion:119 Resp: 79866

Ion Ratio Lower Upper

119 100

91 57.4 28.5 85.5

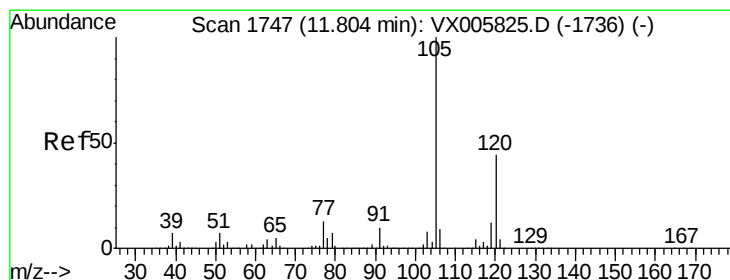
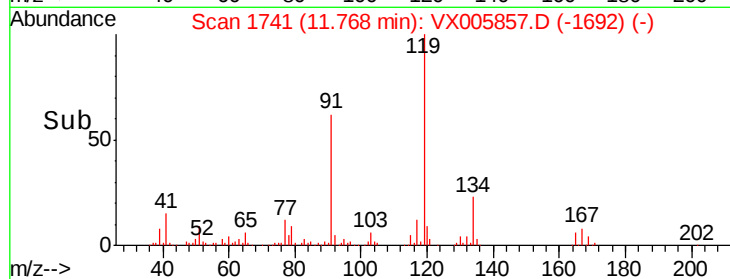
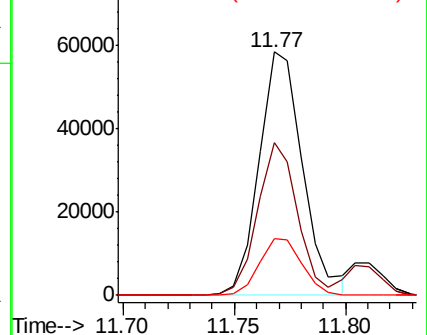
134 22.7 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.804 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX005857.D

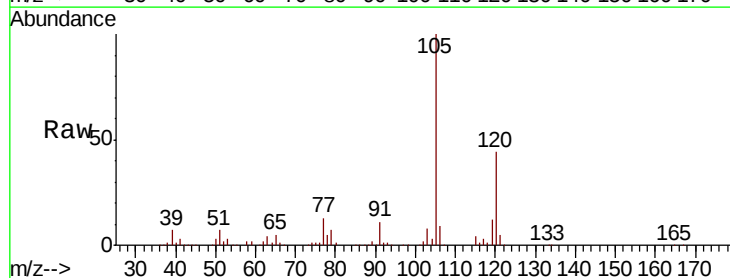
Acq: 09 Nov 2018 13:19

Tgt Ion:105 Resp: 83772

Ion Ratio Lower Upper

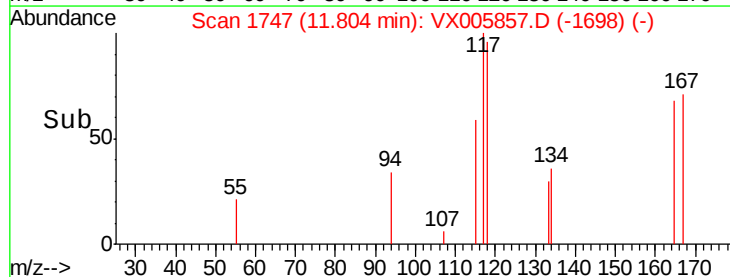
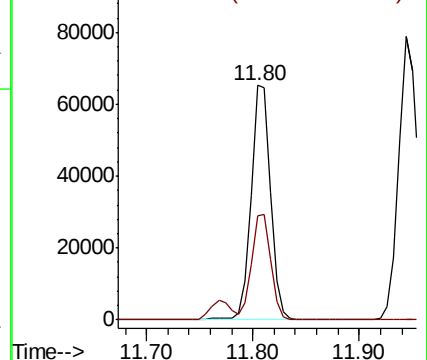
105 100

120 44.4 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.497 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Instrument :

MSVOA_X

ClientSampleId :

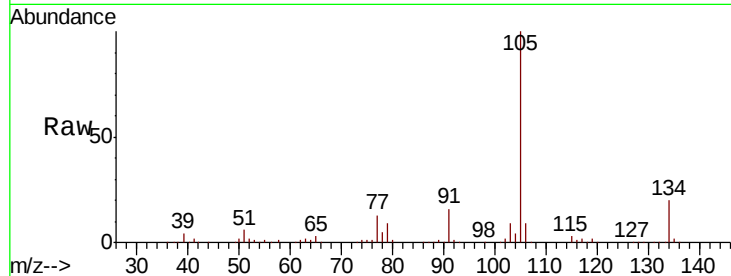
VX1109WBSD01

Tot Ion:105 Resp: 96711

Ion Ratio Lower Upper

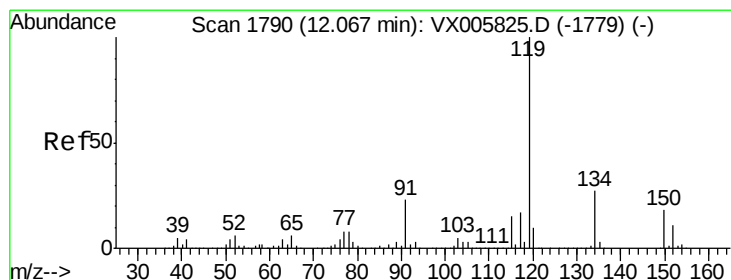
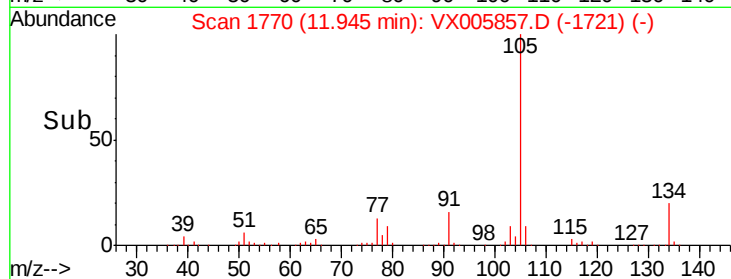
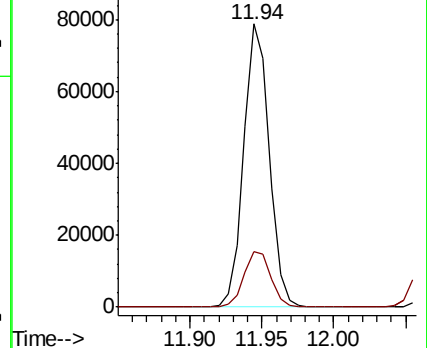
105 100

134 20.5 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.868 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

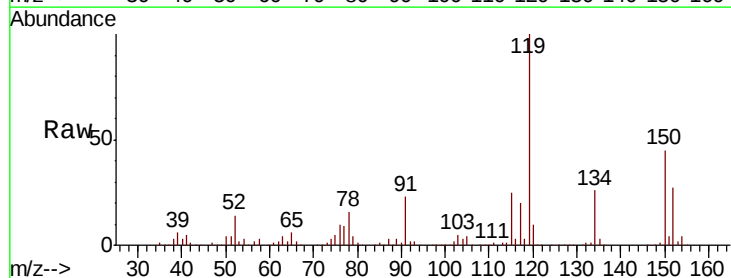
Tgt Ion:119 Resp: 87142

Ion Ratio Lower Upper

119 100

134 25.7 13.0 39.0

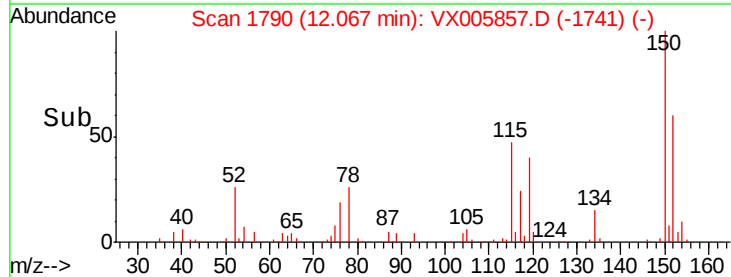
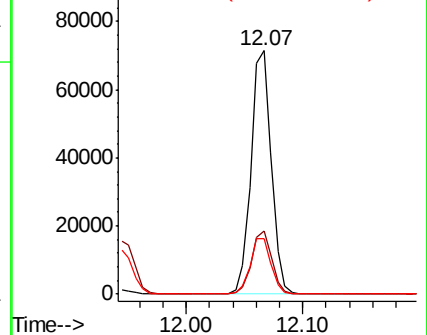
91 23.5 11.4 34.2

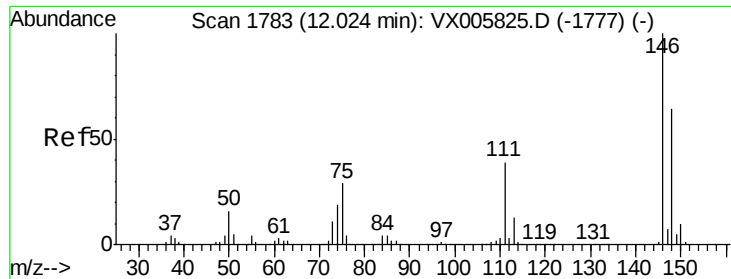


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

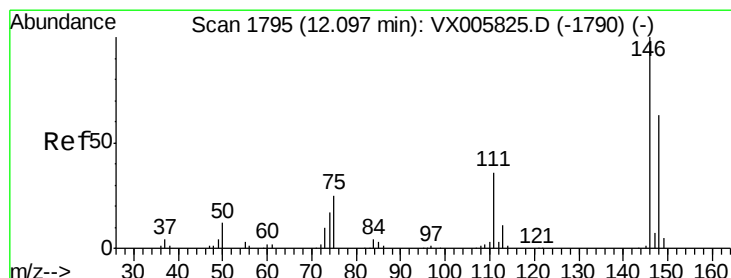
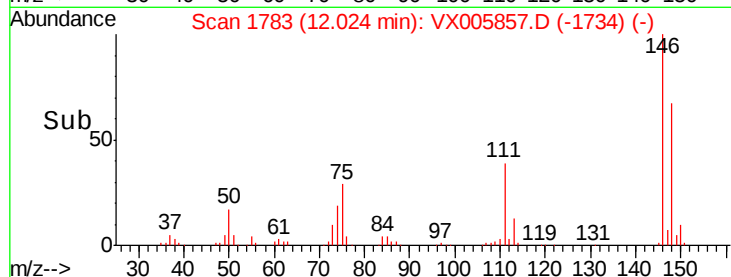
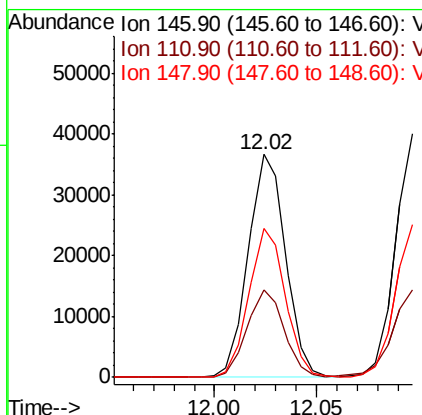
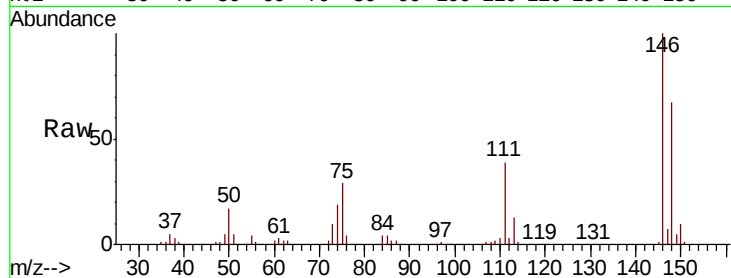




#87
 1,3-Dichlorobenzene
 Concen: 20.214 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005857.D
 Acq: 09 Nov 2018 13:19

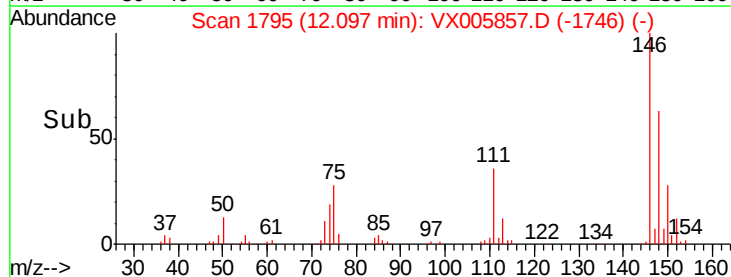
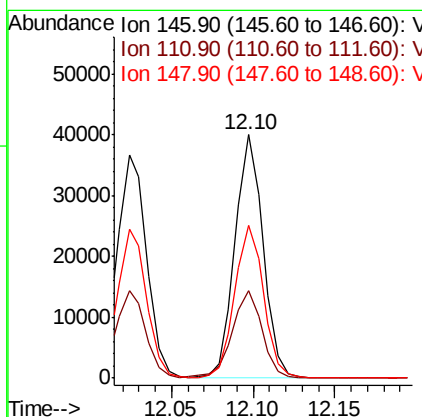
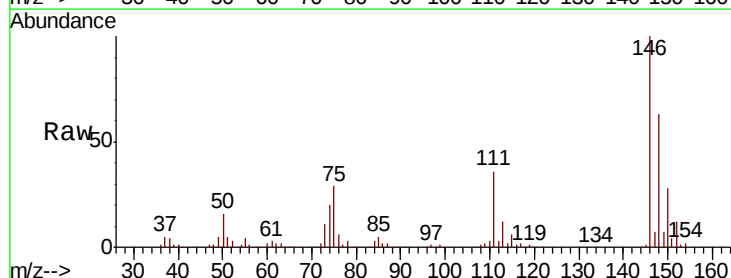
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBSD01

Tot Ion:146 Resp: 46790
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.0 57.0
 148 65.7 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 20.282 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005857.D
 Acq: 09 Nov 2018 13:19

Tgt Ion:146 Resp: 48061
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.6 55.8
 148 64.4 32.1 96.3

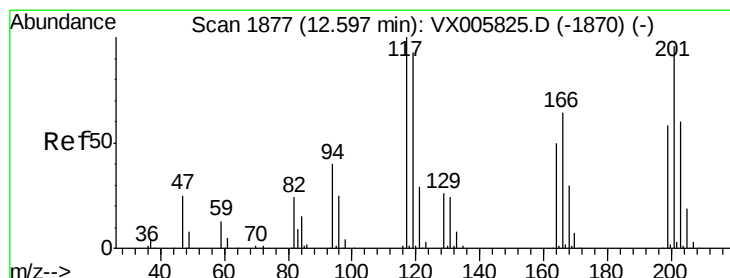
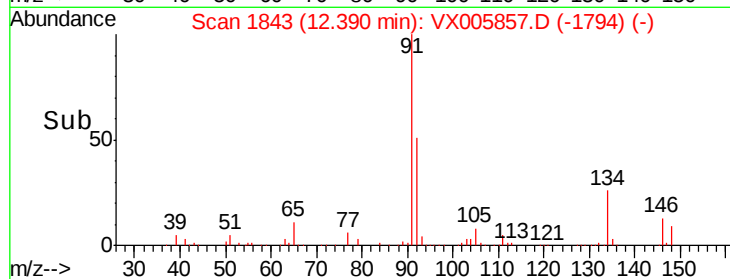
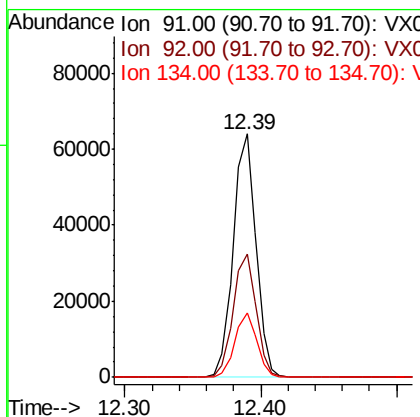
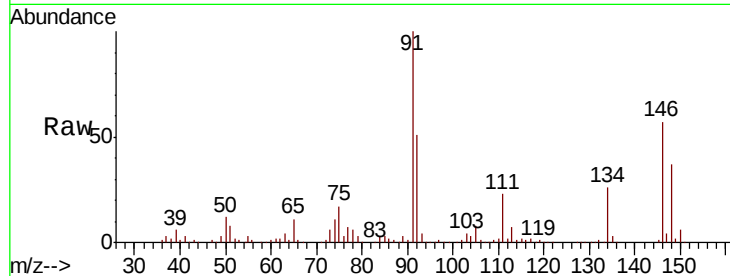




#89
n-Butylbenzene
Concen: 20.144 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

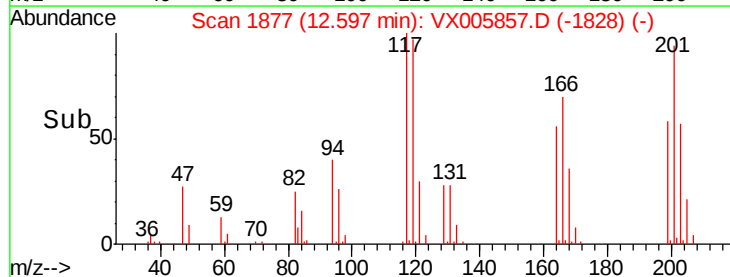
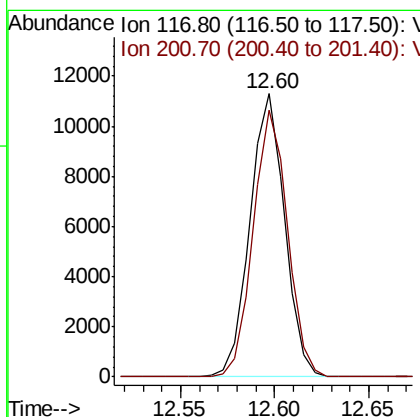
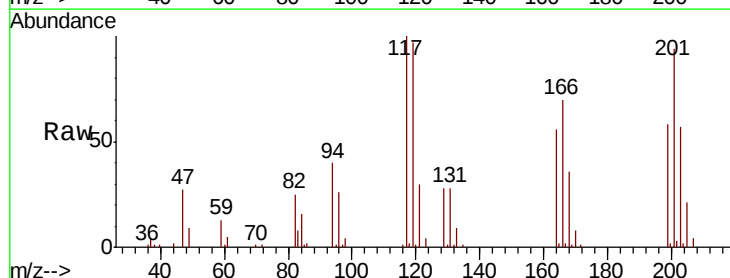
Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

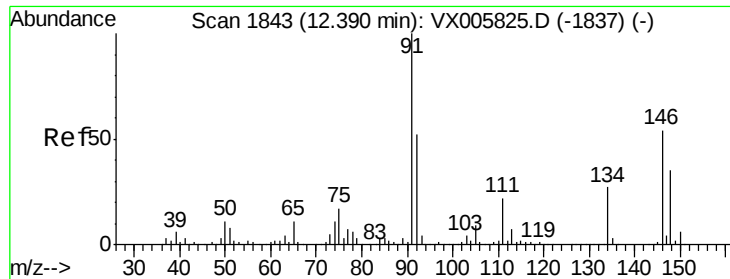
Tot Ion: 91 Resp: 74396
Ion Ratio Lower Upper
91 100
92 51.3 26.1 78.2
134 25.8 13.1 39.3



#90
Hexachloroethane
Concen: 21.589 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Tgt Ion: 117 Resp: 14363
Ion Ratio Lower Upper
117 100
201 93.5 47.9 143.6

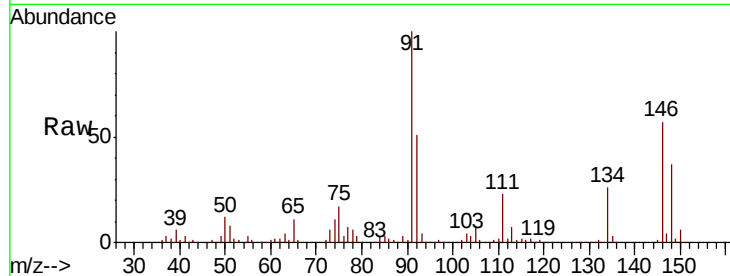




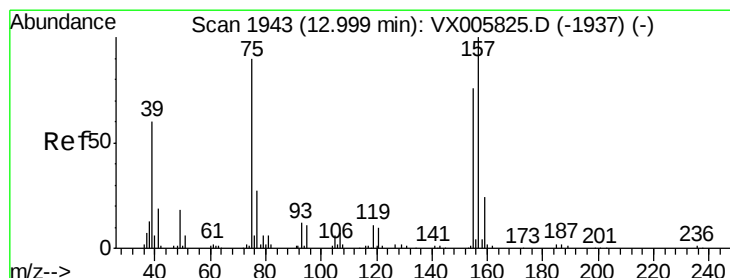
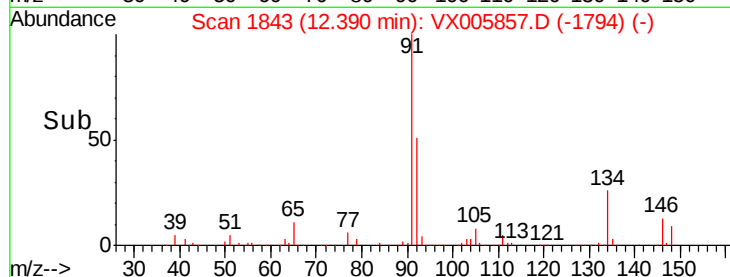
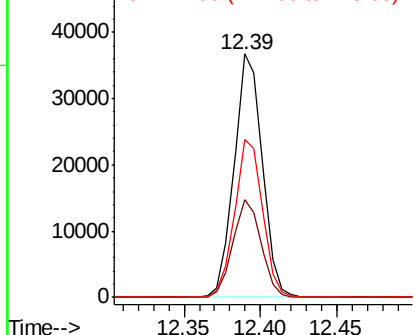
#91
 1,2-Dichlorobenzene
 Concen: 20.205 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005857.D
 Acq: 09 Nov 2018 13:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBSD01

Tot Ion:146 Resp: 46853
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.0 59.9
 148 64.2 32.2 96.6

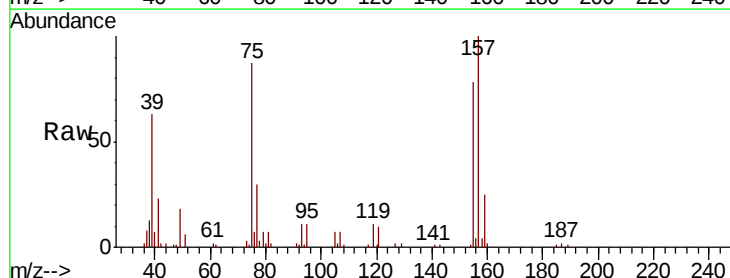


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

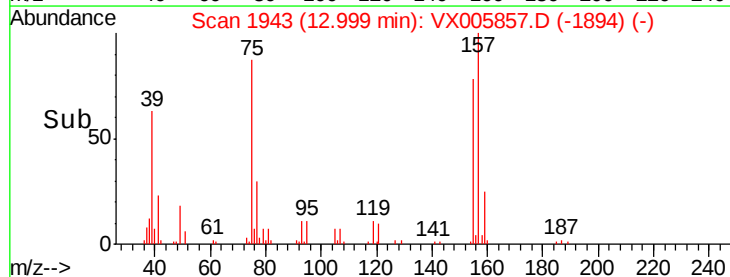
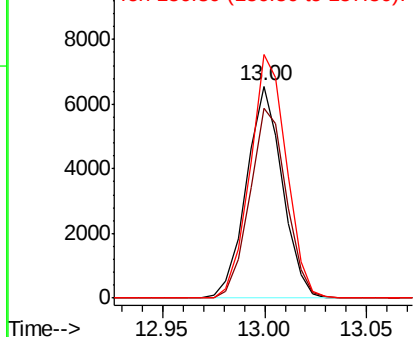


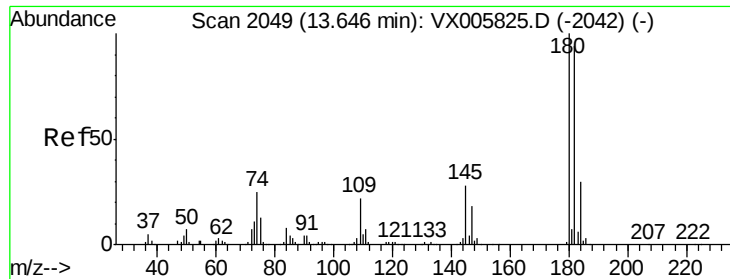
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.885 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005857.D
 Acq: 09 Nov 2018 13:19

Tgt Ion: 75 Resp: 8005
 Ion Ratio Lower Upper
 75 100
 155 91.4 45.4 136.1
 157 116.6 57.4 172.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

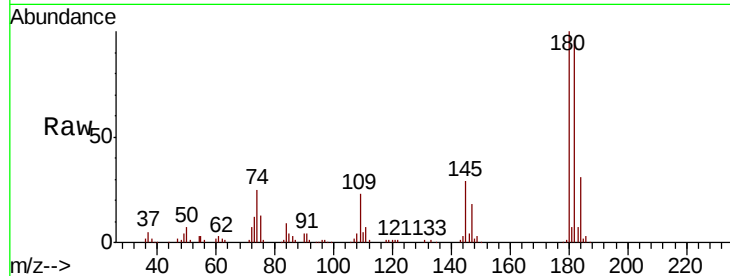




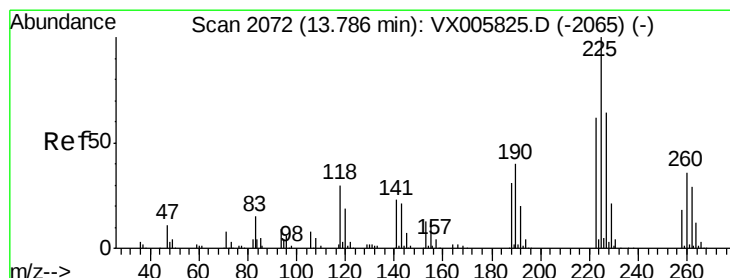
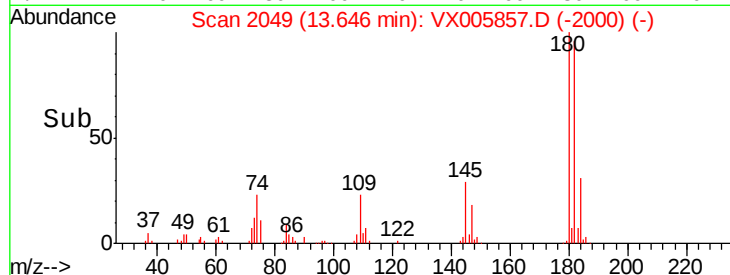
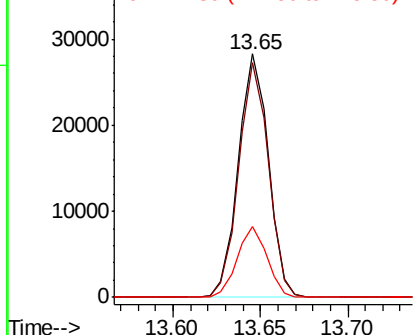
#93
 1,2,4-Trichlorobenzene
 Concen: 20.783 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005857.D
 Acq: 09 Nov 2018 13:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBSD01

Tot Ion:180 Resp: 33926
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.6 142.8
 145 28.9 14.1 42.2

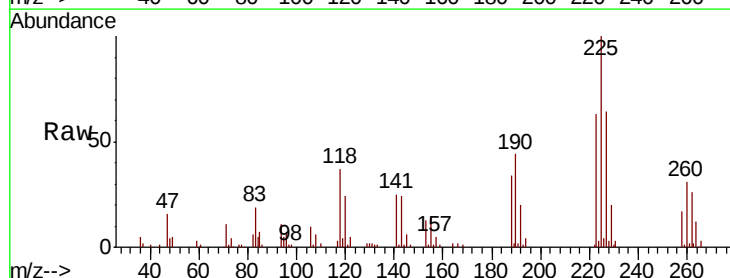


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

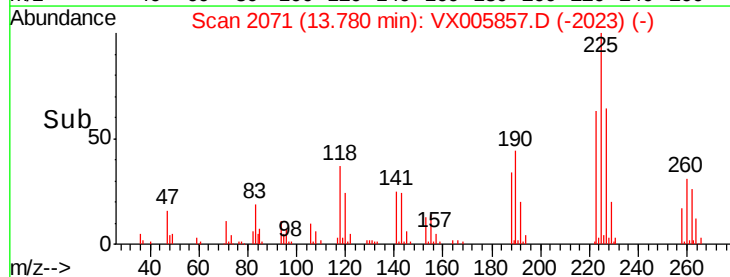
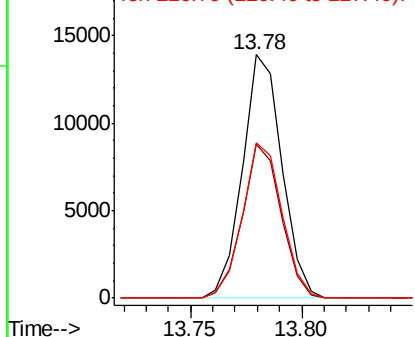


#94
 Hexachlorobutadiene
 Concen: 20.037 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005857.D
 Acq: 09 Nov 2018 13:19

Tgt Ion:225 Resp: 17182
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.7 95.1
 227 64.0 32.3 96.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.024 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD01

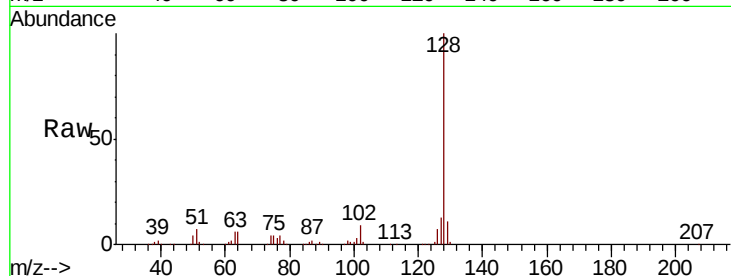
Tot Ion:128 Resp: 102752

Ion Ratio Lower Upper

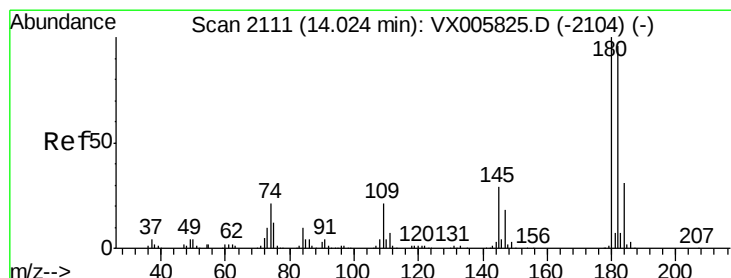
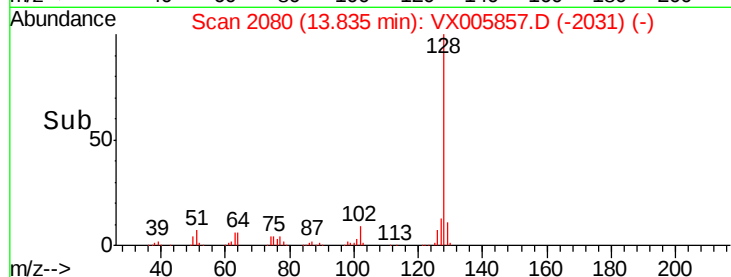
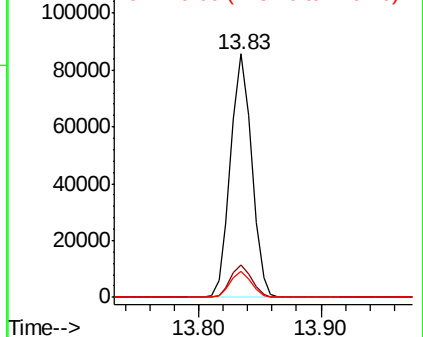
128 100

127 13.3 10.4 15.6

129 10.8 8.7 13.1



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: 20.974 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

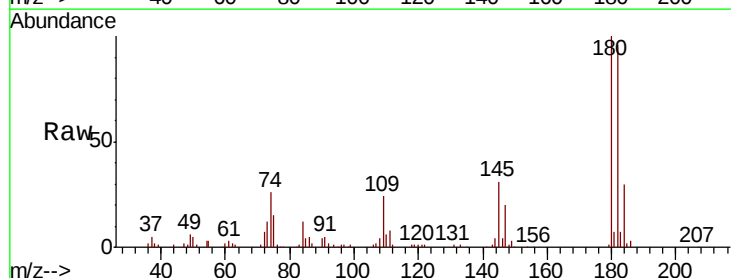
Tgt Ion:180 Resp: 34881

Ion Ratio Lower Upper

180 100

182 96.7 48.0 144.2

145 30.9 15.1 45.3



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

