

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081418\
 Data File : VX004048.D
 Acq On : 15 Aug 2018 00:48
 Operator : JC/MD
 Sample : VX0814WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBS02

Quant Time: Aug 15 09:39:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	283355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	442595	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	411300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	257037	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	220046	55.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.24%	
35) Dibromofluoromethane	5.51	113	173001	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	
50) Toluene-d8	8.72	98	701069	52.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.40%	
62) 4-Bromofluorobenzene	11.14	95	249040	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	59869	21.705	ug/l	98
3) Chloromethane	1.32	50	70924	20.953	ug/l	99
4) Vinyl Chloride	1.40	62	78245	21.365	ug/l	99
5) Bromomethane	1.64	94	45953	24.670	ug/l	98
6) Chloroethane	1.73	64	55195	21.913	ug/l	98
7) Trichlorofluoromethane	1.93	101	110505	21.509	ug/l	99
8) Diethyl Ether	2.18	74	47898	21.356	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	68400	21.342	ug/l	98
10) Methyl Iodide	2.51	142	63086	21.593	ug/l	98
11) Tert butyl alcohol	3.04	59	90322	112.347	ug/l	99
12) 1,1-Dichloroethene	2.38	96	64071	21.494	ug/l	95
13) Acrolein	2.29	56	56830	110.574	ug/l	99
14) Allyl chloride	2.73	41	115361	20.339	ug/l	97
15) Acrylonitrile	3.14	53	220584	110.045	ug/l	100
16) Acetone	2.43	43	226386	109.065	ug/l	98
17) Carbon Disulfide	2.57	76	175906	20.805	ug/l	99
18) Methyl Acetate	2.77	43	99623	21.598	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	222248	21.162	ug/l	100
20) Methylene Chloride	2.86	84	77301	22.451	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	70498	20.824	ug/l	98
22) Diisopropyl ether	3.86	45	234847	21.131	ug/l	91
23) Vinyl Acetate	3.82	43	991208	108.584	ug/l	100
24) 1,1-Dichloroethane	3.70	63	134830	21.418	ug/l	99
25) 2-Butanone	4.69	43	371071	109.872	ug/l	100
26) 2,2-Dichloropropane	4.59	77	78098	15.604	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	81025	21.284	ug/l	99
28) Bromochloromethane	5.02	49	68272	23.638	ug/l	95
29) Tetrahydrofuran	5.15	42	186790	108.252	ug/l	97
30) Chloroform	5.22	83	131519	21.407	ug/l	97
31) Cyclohexane	5.58	56	115930	21.007	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	110466	21.516	ug/l	98
36) 1,1-Dichloropropene	5.81	75	96894	19.239	ug/l	99
37) Ethyl Acetate	4.85	43	113115	20.624	ug/l	99
38) Carbon Tetrachloride	5.79	117	93400	19.088	ug/l	95

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	109685	19.197	ug/l	99
40) Benzene	6.15	78	309773	20.483	ug/l	99
41) Methacrylonitrile	5.06	41	61863	20.140	ug/l	99
42) 1,2-Dichloroethane	6.20	62	109770	20.736	ug/l	100
43) Isopropyl Acetate	6.46	43	161738	20.007	ug/l	99
44) Trichloroethene	7.21	130	81905	19.950	ug/l	95
45) 1,2-Dichloropropane	7.52	63	78976	20.399	ug/l	100
46) Dibromomethane	7.67	93	52206	20.635	ug/l	99
47) Bromodichloromethane	7.90	83	96624	20.165	ug/l	98
48) Methyl methacrylate	7.78	41	82904	20.372	ug/l	97
49) 1,4-Dioxane	7.76	88	38405	419.167	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	713185	107.592	ug/l	99
52) Toluene	8.79	92	199953	20.906	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	99552	19.231	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	110518	19.278	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	80751	20.445	ug/l	99
56) Ethyl methacrylate	9.18	69	107430	20.002	ug/l	99
57) 1,3-Dichloropropane	9.37	76	134782	20.568	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	286242	104.662	ug/l	99
59) 2-Hexanone	9.50	43	537739	107.790	ug/l	98
60) Dibromochloromethane	9.59	129	76267	20.065	ug/l	100
61) 1,2-Dibromoethane	9.68	107	82849	20.576	ug/l	99
64) Tetrachloroethene	9.34	164	82726	21.221	ug/l	95
65) Chlorobenzene	10.14	112	210295	19.794	ug/l	89
66) 1,1,1,2-Tetrachloroethane	10.22	131	72914	20.122	ug/l	98
67) Ethyl Benzene	10.26	91	347888	20.678	ug/l	99
68) m/p-Xylenes	10.36	106	271836	41.262	ug/l	95
69) o-Xylene	10.70	106	130348	20.703	ug/l	93
70) Styrene	10.71	104	225150	21.248	ug/l	97
71) Bromoform	10.86	173	56492	19.660	ug/l	100
73) Isopropylbenzene	11.02	105	364953	20.981	ug/l	97
74) N-amyl acetate	6.46	43	161738	19.769	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	124196	20.446	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	132113	25.630	ug/l	85
77) Bromobenzene	11.26	156	96629	20.152	ug/l	99
78) n-propylbenzene	11.36	91	416415	21.392	ug/l	100
79) 2-Chlorotoluene	11.42	91	252859	21.315	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	300397	21.091	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	29164	17.514	ug/l	95
82) 4-Chlorotoluene	11.51	91	284314	20.275	ug/l	99
83) tert-Butylbenzene	11.77	119	295523	20.579	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	313765	21.270	ug/l	99
85) sec-Butylbenzene	11.94	105	349750	20.809	ug/l	100
86) p-Isopropyltoluene	12.07	119	315850	20.758	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	178447	19.513	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	182108	19.348	ug/l	99
89) n-Butylbenzene	12.39	91	239059	19.939	ug/l	97
90) Hexachloroethane	12.60	117	41965	18.433	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	169805	20.588	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20738	19.425	ug/l	97

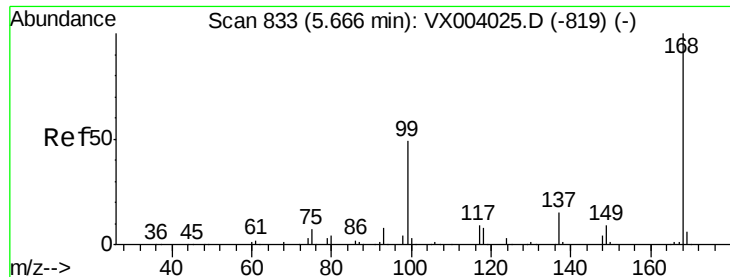
Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081418\
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Instrument :
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ClientSampleId :
VX0814WBS02

Quant Time: Aug 15 09:39:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	107568	19.079	ug/l	97
94) Hexachlorobutadiene	13.79	225	50567	17.893	ug/l	96
95) Naphthalene	13.83	128	343869	19.840	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	118964	19.351	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004048.D

Acq: 15 Aug 2018 00:48

Instrument :

MSVOA_X

ClientSampleId :

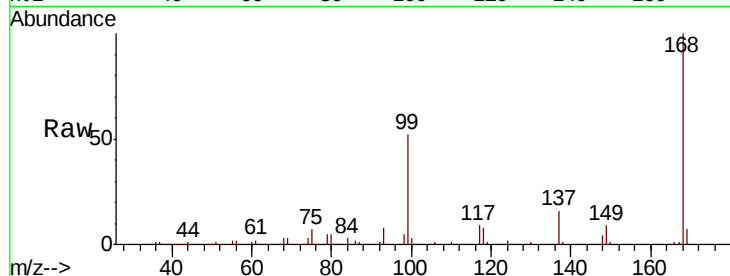
VX0814WBS02

Tgt Ion:168 Resp: 283355

Ion Ratio Lower Upper

168 100

99 52.2 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

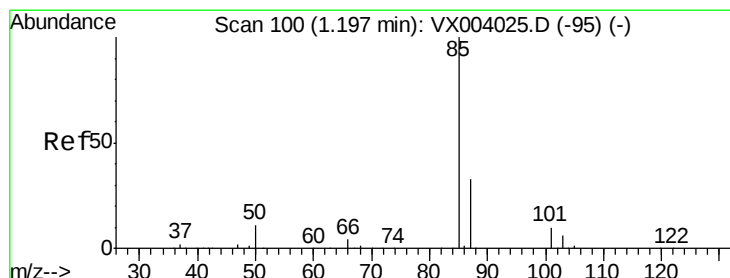
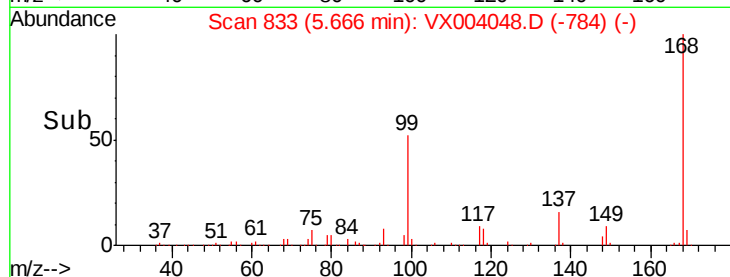
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.705 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX004048.D

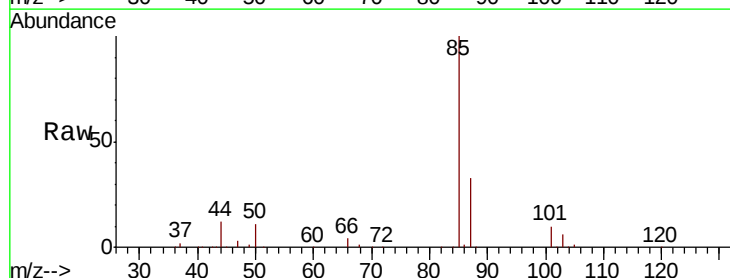
Acq: 15 Aug 2018 00:48

Tgt Ion: 85 Resp: 59869

Ion Ratio Lower Upper

85 100

87 33.0 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

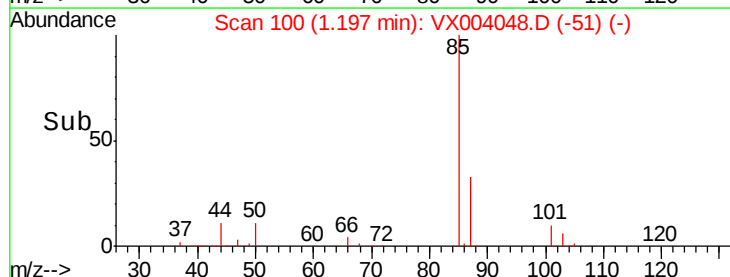
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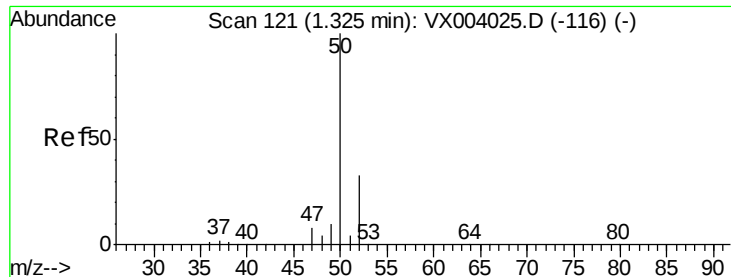
40000

20000

0

Time-->





#3

Chloromethane

Concen: 20.953 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX004048.D

Acq: 15 Aug 2018 00:48

Instrument :

MSVOA_X

ClientSampleId :

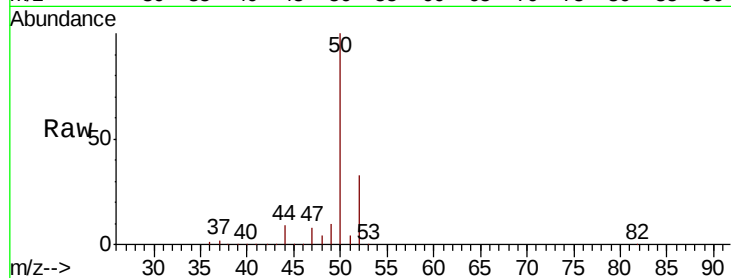
VX0814WBS02

Tgt Ion: 50 Resp: 70924

Ion Ratio Lower Upper

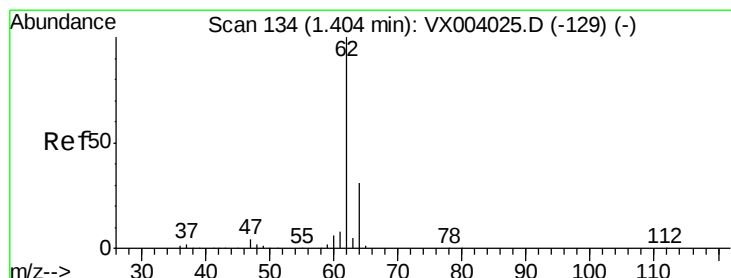
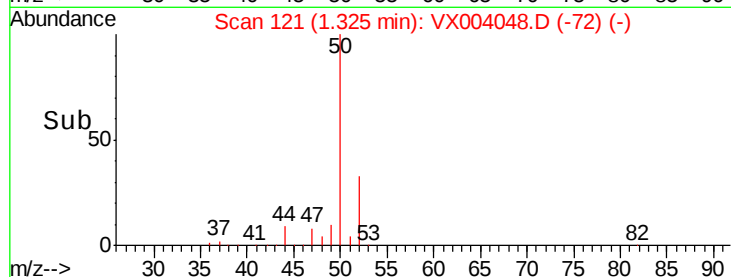
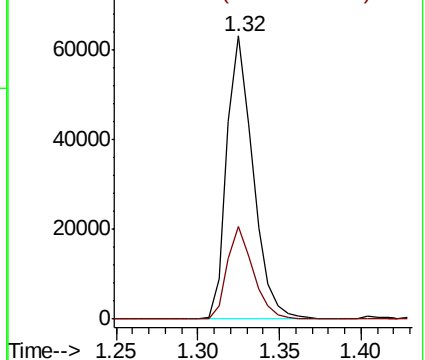
50 100

52 32.6 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 21.365 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004048.D

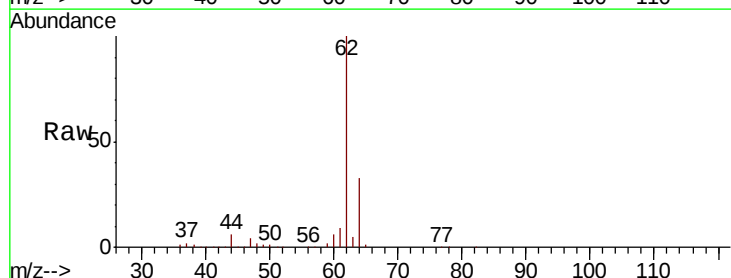
Acq: 15 Aug 2018 00:48

Tgt Ion: 62 Resp: 78245

Ion Ratio Lower Upper

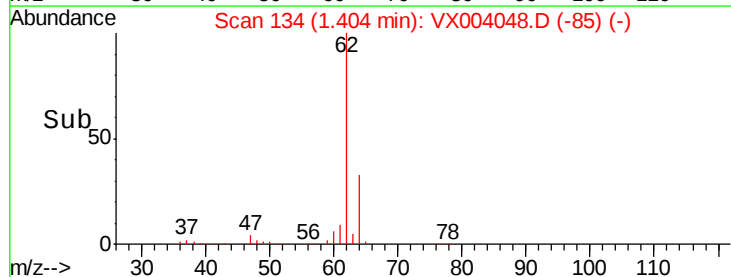
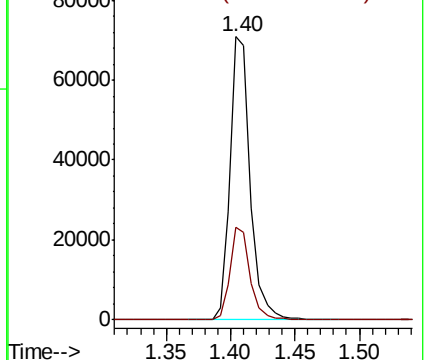
62 100

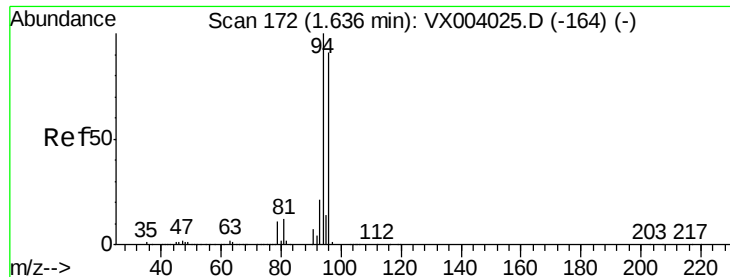
64 32.9 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 24.670 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX004048.D

Acq: 15 Aug 2018 00:48

Instrument :

MSVOA_X

ClientSampleId :

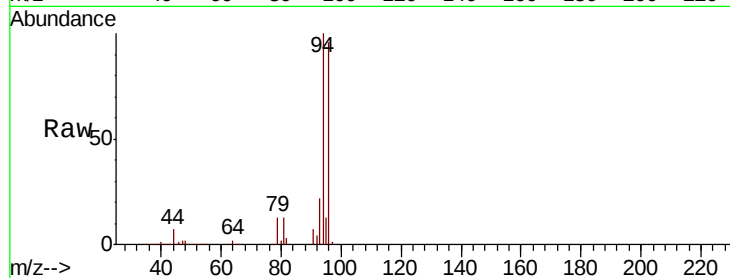
VX0814WBS02

Tgt Ion: 94 Resp: 45953

Ion Ratio Lower Upper

94 100

96 96.1 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

40000

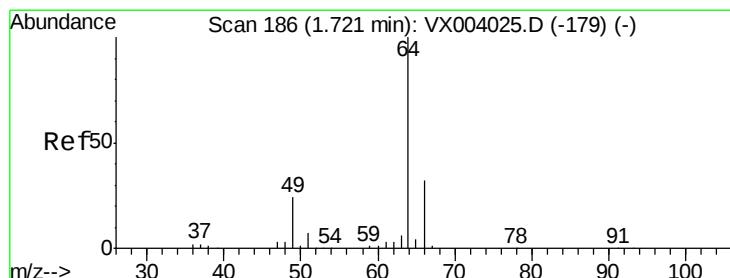
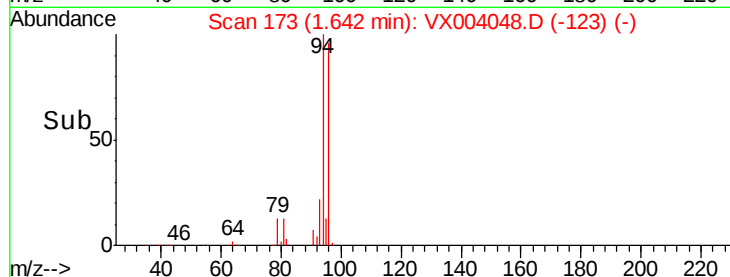
30000

20000

10000

0

Time--> 1.50 1.60 1.70 1.80



#6

Chloroethane

Concen: 21.913 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX004048.D

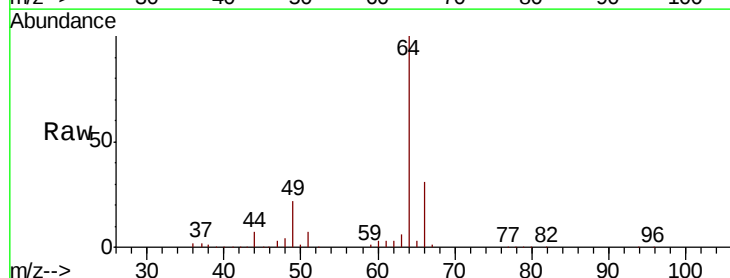
Acq: 15 Aug 2018 00:48

Tgt Ion: 64 Resp: 55195

Ion Ratio Lower Upper

64 100

66 31.9 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

50000

40000

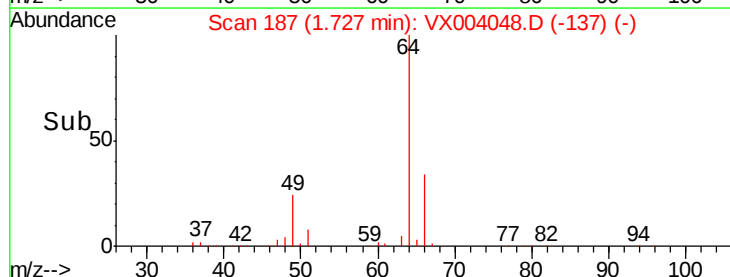
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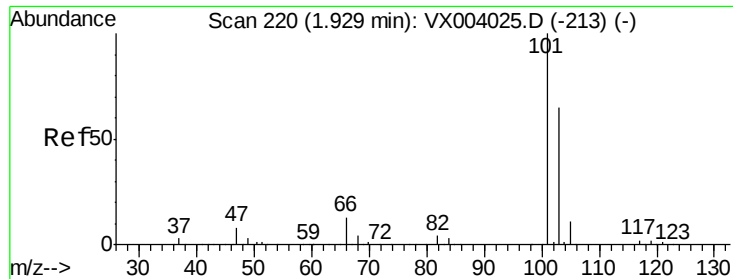
20000

10000

0

Time--> 1.65 1.70 1.75 1.80



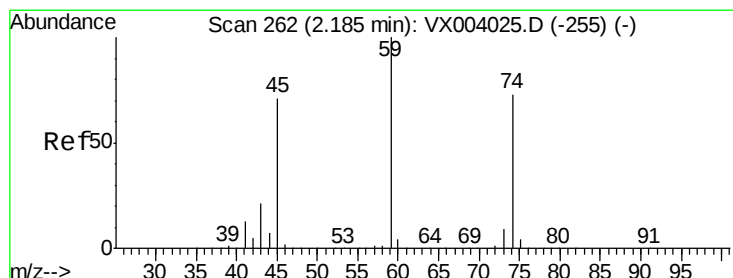
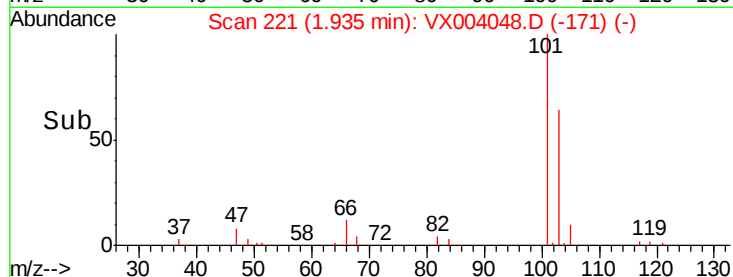
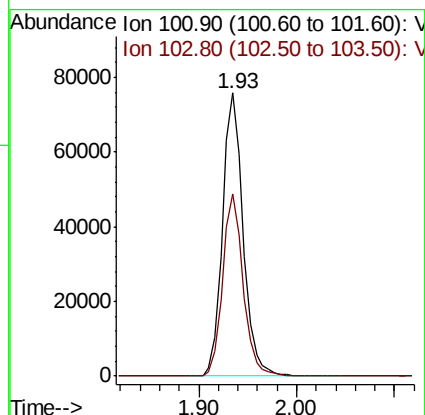
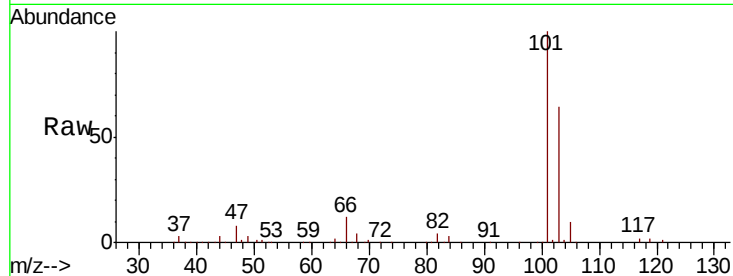


#7

Trichlorofluoromethane
Concen: 21.509 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX004048.D
Acq: 15 Aug 2018 00:48

Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS02

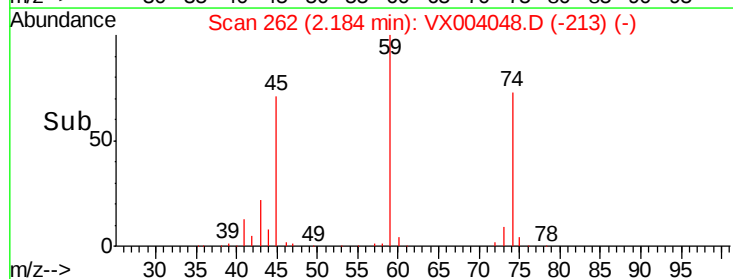
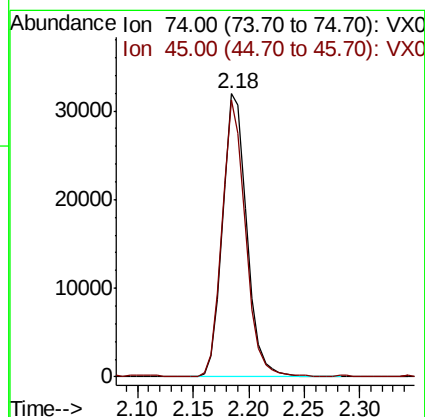
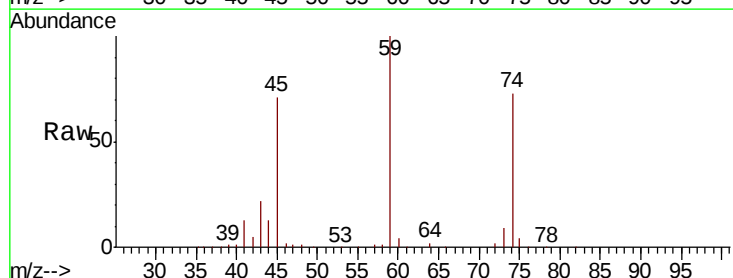
Tgt Ion: 101 Resp: 110505
Ion Ratio Lower Upper
101 100
103 64.4 52.3 78.5

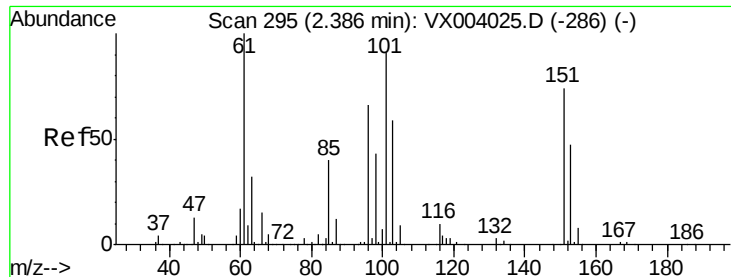


#8

Diethyl Ether
Concen: 21.356 ug/l
RT: 2.18 min Scan# 262
Delta R.T. -0.00 min
Lab File: VX004048.D
Acq: 15 Aug 2018 00:48

Tgt Ion: 74 Resp: 47898
Ion Ratio Lower Upper
74 100
45 94.2 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.342 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX004048.D

Acq: 15 Aug 2018 00:48

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBS02

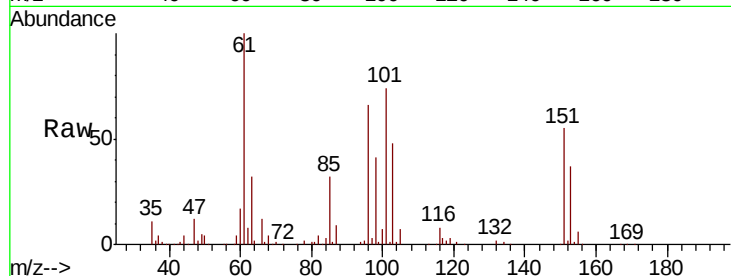
Tgt Ion:101 Resp: 68400

Ion Ratio Lower Upper

101 100

85 41.9 34.2 51.4

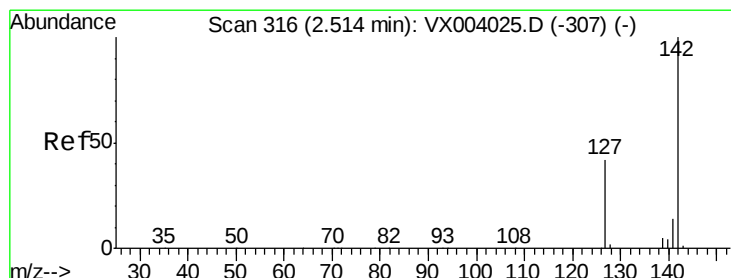
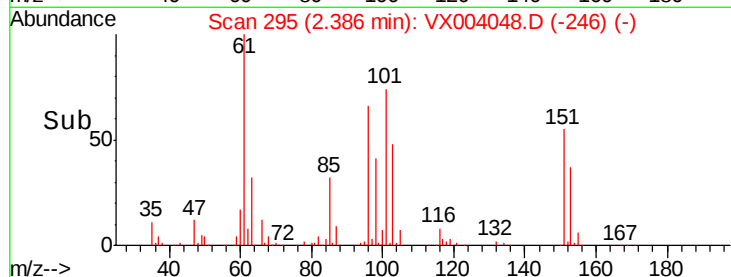
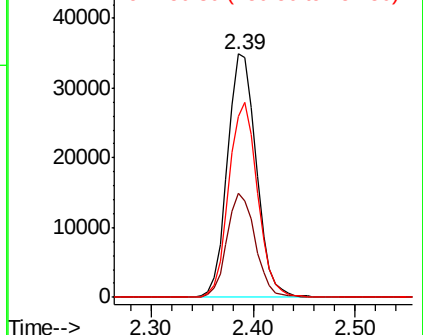
151 79.6 65.0 97.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.593 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX004048.D

Acq: 15 Aug 2018 00:48

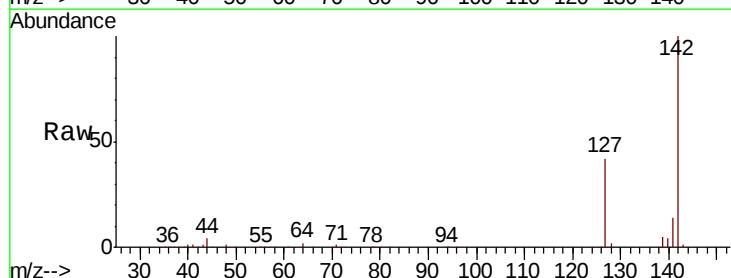
Tgt Ion:142 Resp: 63086

Ion Ratio Lower Upper

142 100

127 42.5 33.1 49.7

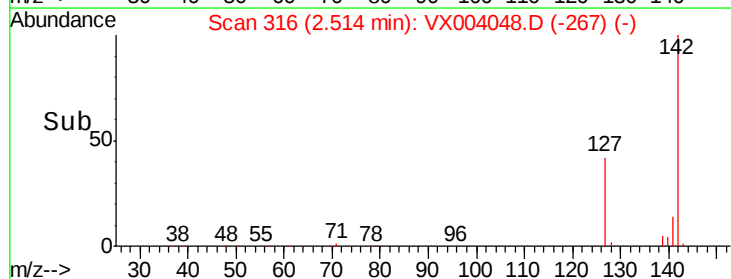
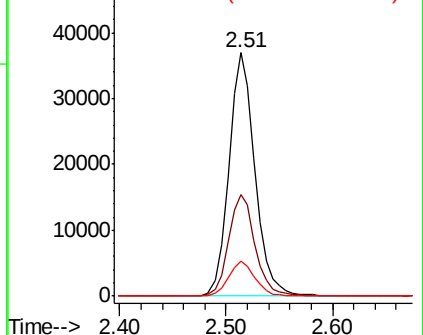
141 14.4 11.1 16.7

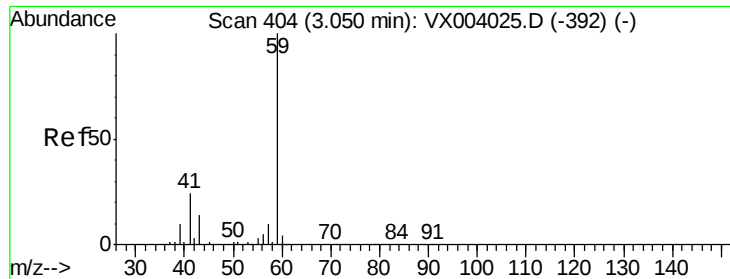


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

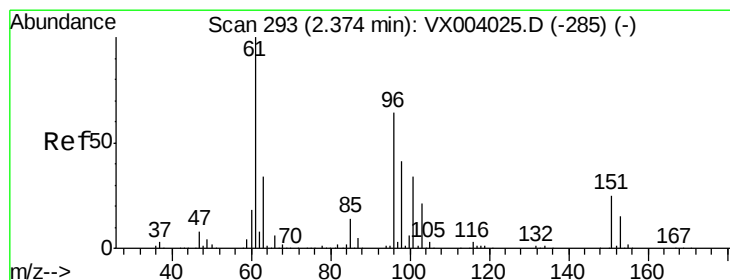
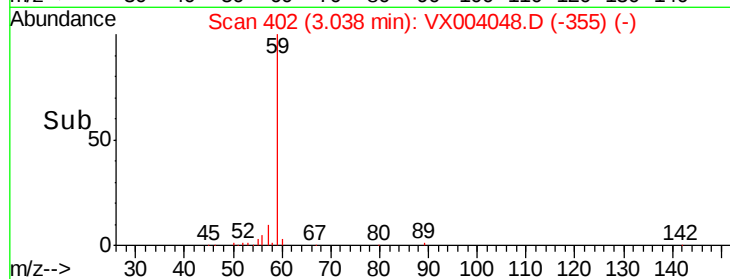
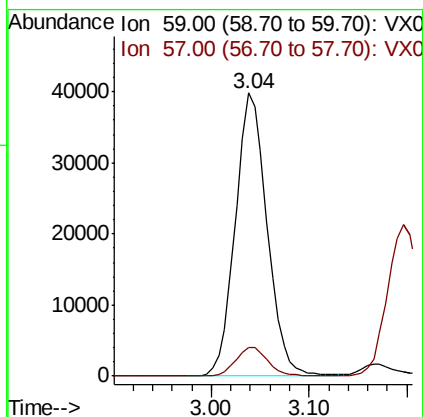
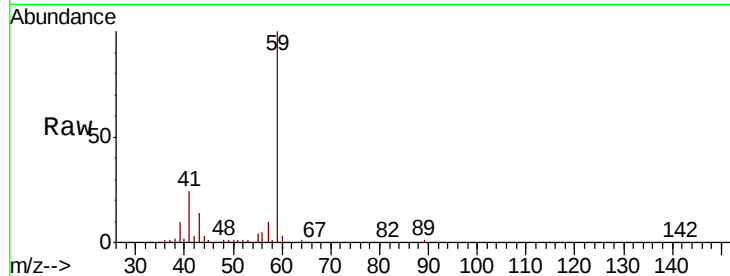




#11
Tert butyl alcohol
Concen: 112.347 ug/l
RT: 3.04 min Scan# 402
Delta R.T. -0.01 min
Lab File: VX004048.D
Acq: 15 Aug 2018 00:48

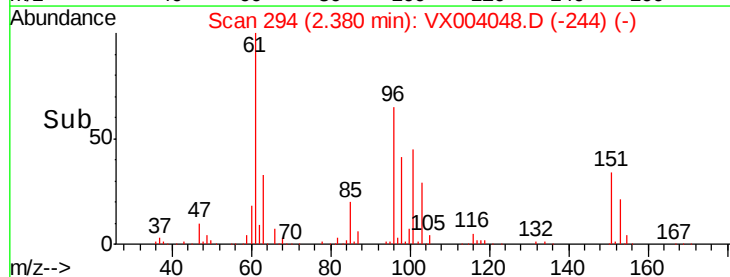
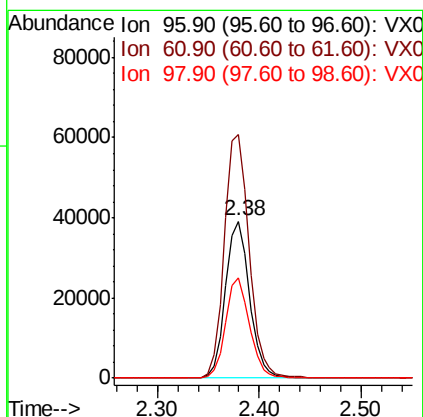
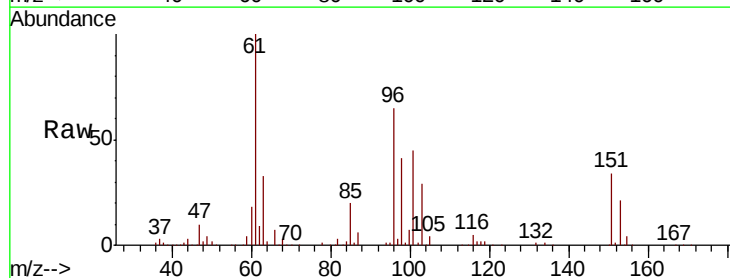
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS02

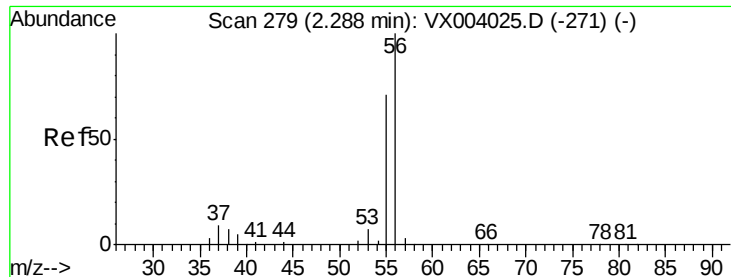
Tgt Ion: 59 Resp: 90322
Ion Ratio Lower Upper
59 100
57 10.4 8.1 12.1



#12
1,1-Dichloroethene
Concen: 21.494 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX004048.D
Acq: 15 Aug 2018 00:48

Tgt Ion: 96 Resp: 64071
Ion Ratio Lower Upper
96 100
61 154.9 131.3 196.9
98 63.6 51.8 77.6

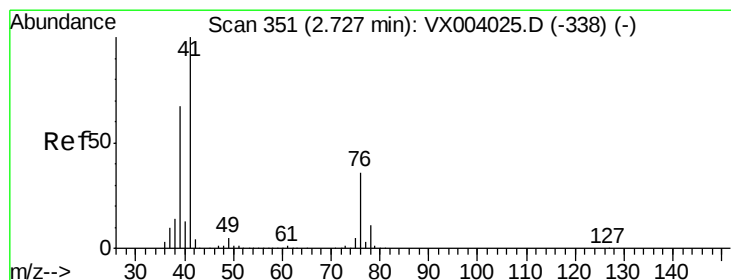
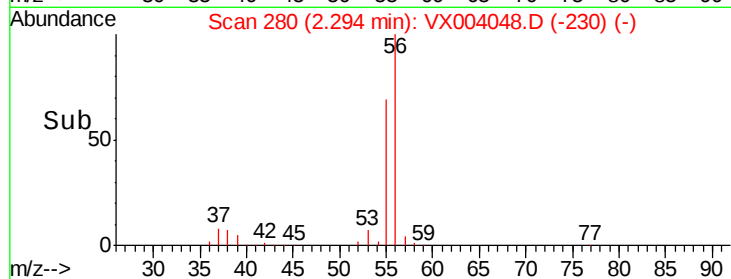
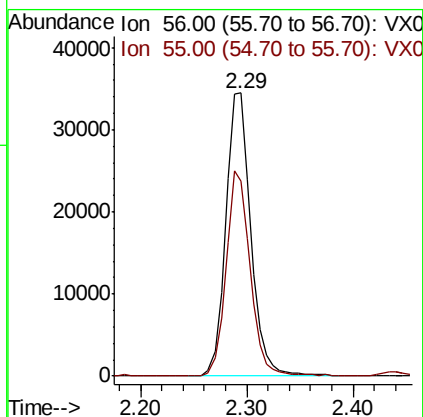
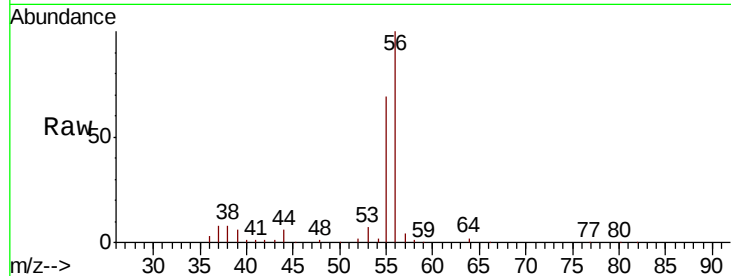




#13
Acrolein
Concen: 110.574 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX004048.D
Acq: 15 Aug 2018 00:48

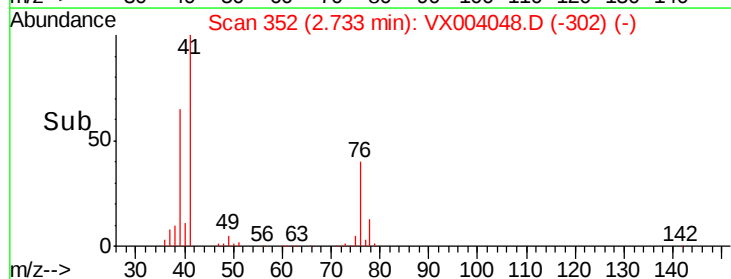
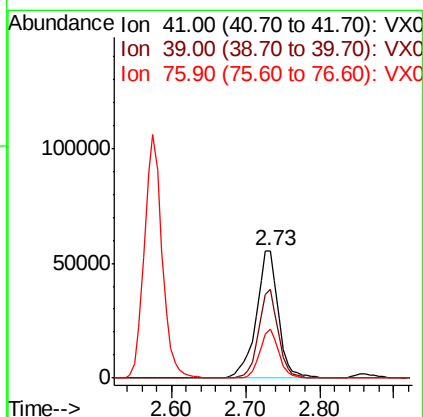
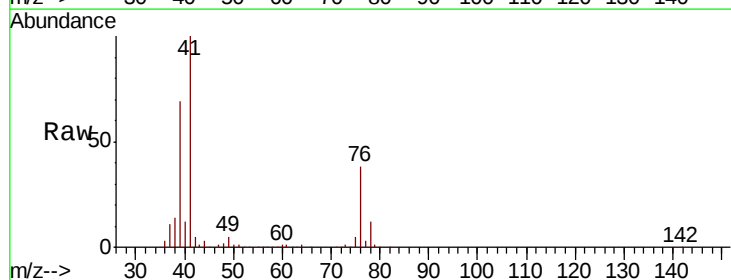
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS02

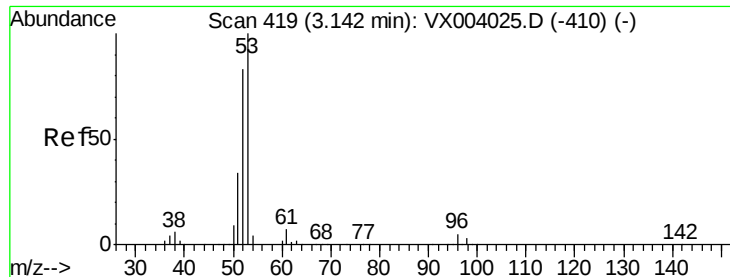
Tgt Ion: 56 Resp: 56830
Ion Ratio Lower Upper
56 100
55 69.6 56.1 84.1



#14
Allyl chloride
Concen: 20.339 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX004048.D
Acq: 15 Aug 2018 00:48

Tgt Ion: 41 Resp: 115361
Ion Ratio Lower Upper
41 100
39 62.2 47.4 71.0
76 33.0 26.0 39.0





#15

Acrylonitrile

Concen: 110.045 ug/l

RT: 3.14 min Scan# 419

Delta R.T. -0.00 min

Lab File: VX004048.D

Acq: 15 Aug 2018 00:48

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBS02

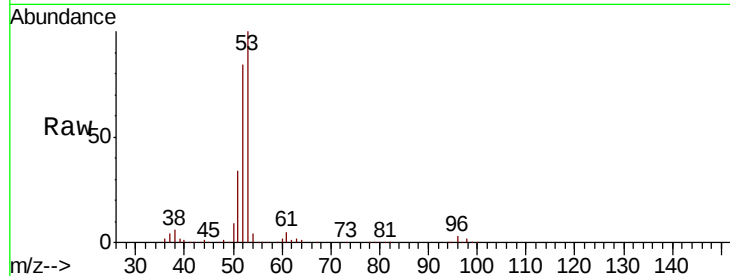
Tgt Ion: 53 Resp: 220584

Ion Ratio Lower Upper

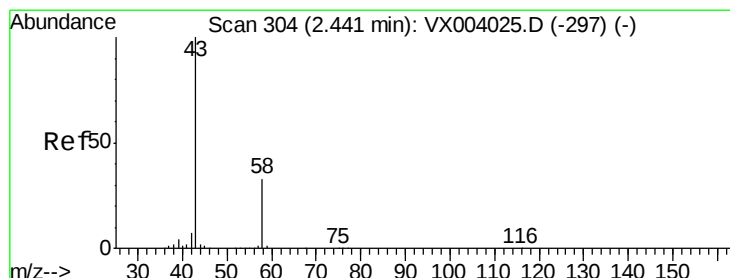
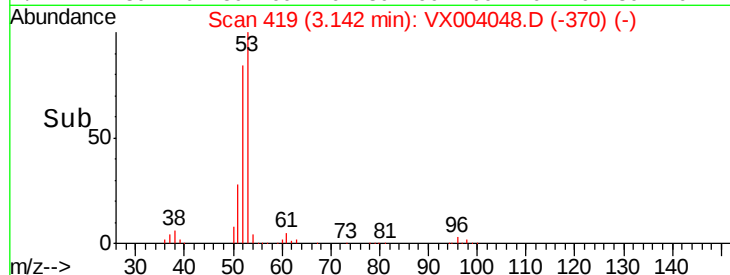
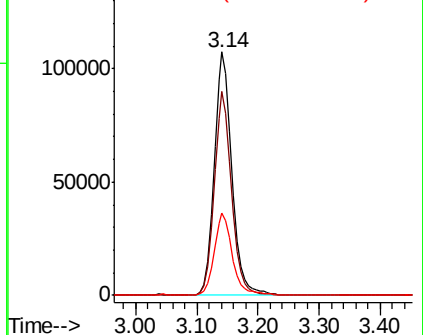
53 100

52 81.6 65.3 97.9

51 34.4 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 109.065 ug/l

RT: 2.43 min Scan# 303

Delta R.T. -0.01 min

Lab File: VX004048.D

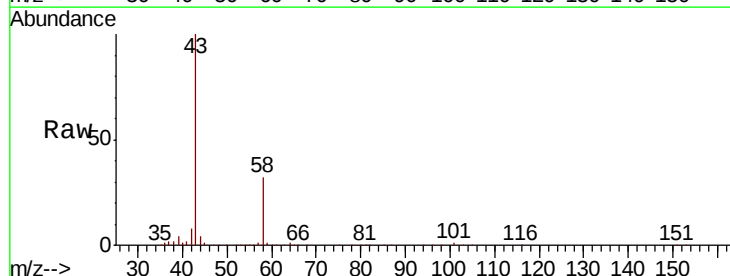
Acq: 15 Aug 2018 00:48

Tgt Ion: 43 Resp: 226386

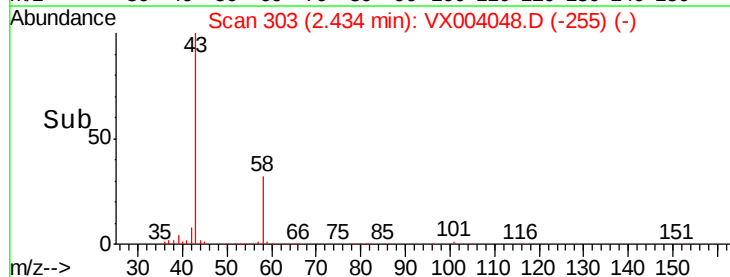
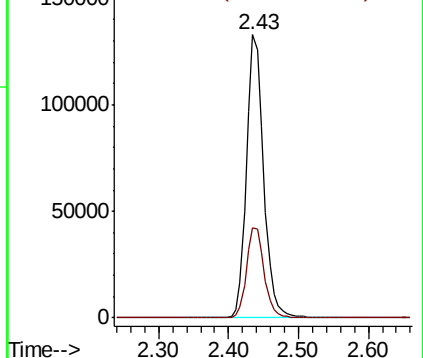
Ion Ratio Lower Upper

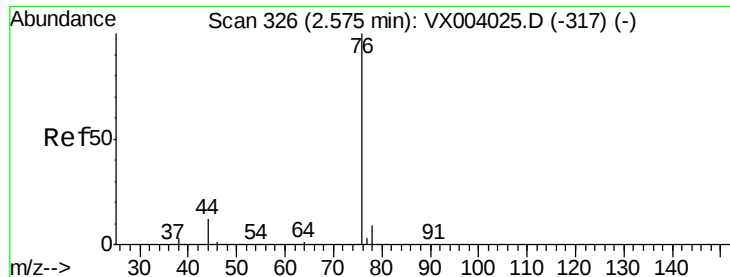
43 100

58 32.0 26.4 39.6



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

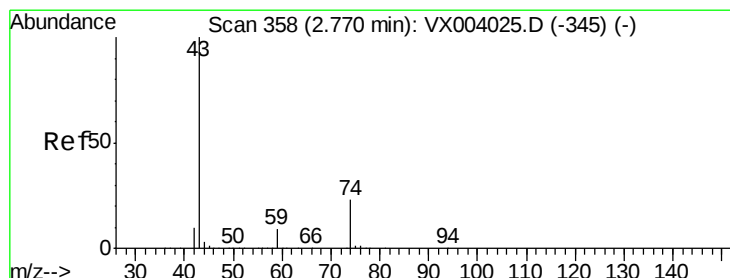
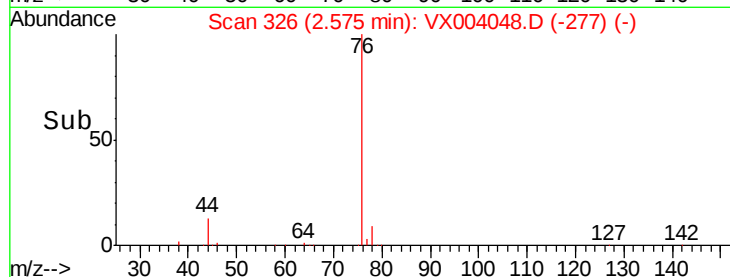
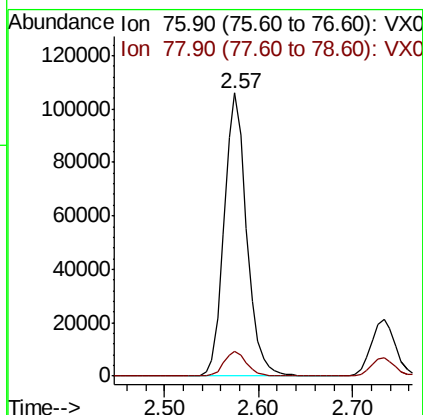
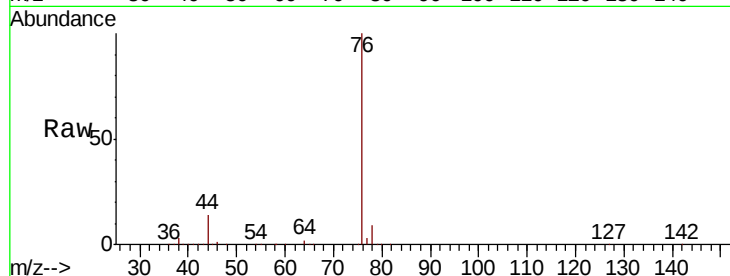




#17
Carbon Disulfide
Concen: 20.805 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX004048.D
Acq: 15 Aug 2018 00:48

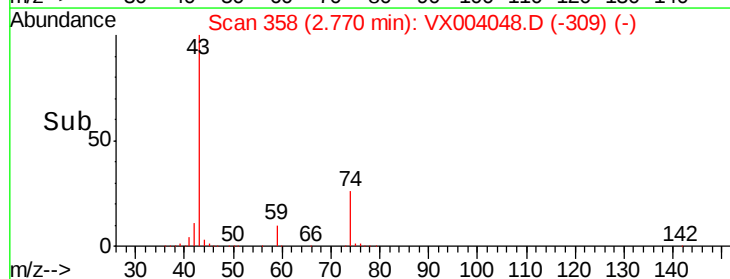
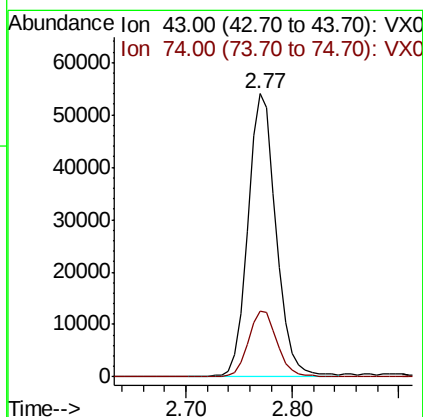
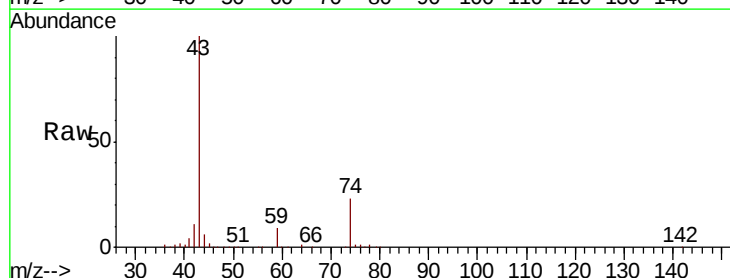
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS02

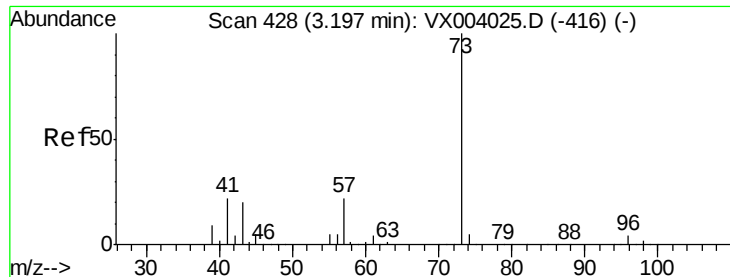
Tgt Ion: 76 Resp: 175906
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 21.598 ug/l
RT: 2.77 min Scan# 358
Delta R.T. -0.00 min
Lab File: VX004048.D
Acq: 15 Aug 2018 00:48

Tgt Ion: 43 Resp: 99623
Ion Ratio Lower Upper
43 100
74 24.2 18.9 28.3

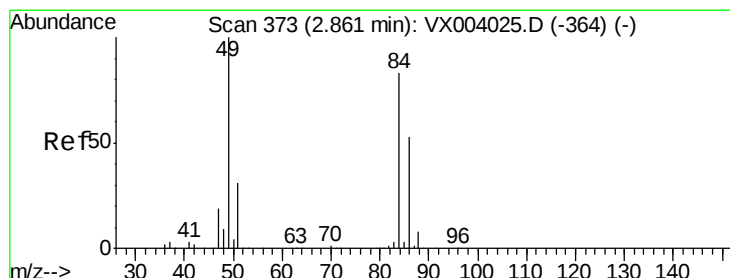
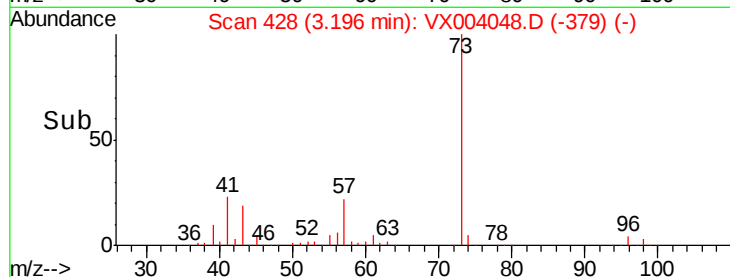
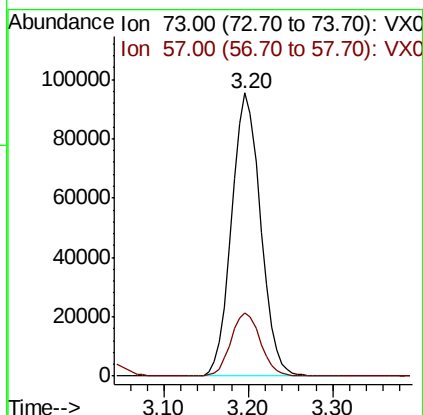
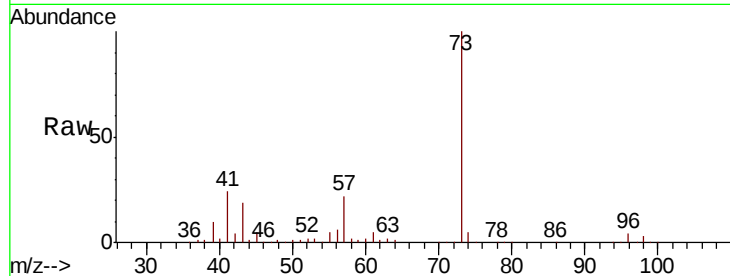




#19
Methyl tert-butyl Ether
Concen: 21.162 ug/l
RT: 3.20 min Scan# 428
Delta R.T. -0.00 min
Lab File: VX004048.D
Acq: 15 Aug 2018 00:48

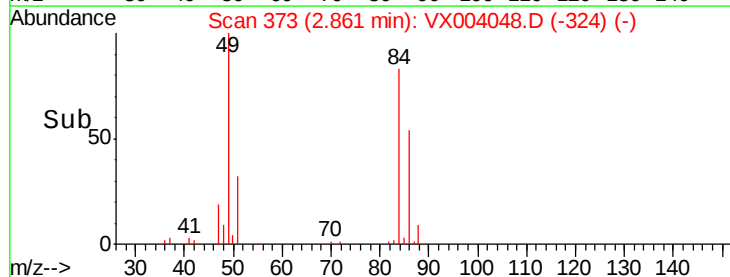
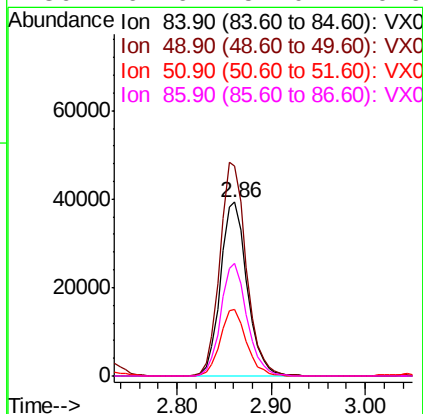
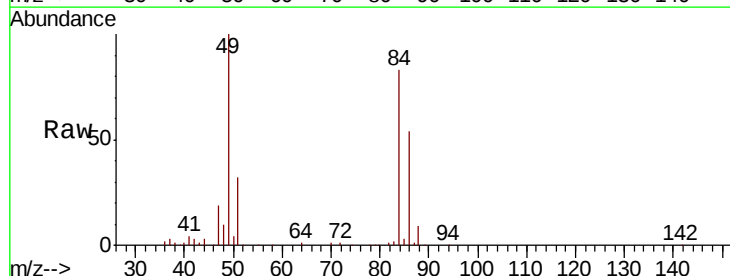
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS02

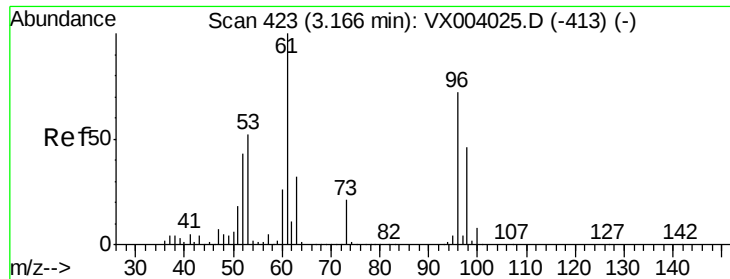
Tgt Ion: 73 Resp: 222248
Ion Ratio Lower Upper
73 100
57 22.3 18.0 27.0



#20
Methylene Chloride
Concen: 22.451 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX004048.D
Acq: 15 Aug 2018 00:48

Tgt Ion: 84 Resp: 77301
Ion Ratio Lower Upper
84 100
49 120.3 98.9 148.3
51 38.2 29.9 44.9
86 64.6 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 20.824 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX004048.D

Acq: 15 Aug 2018 00:48

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBS02

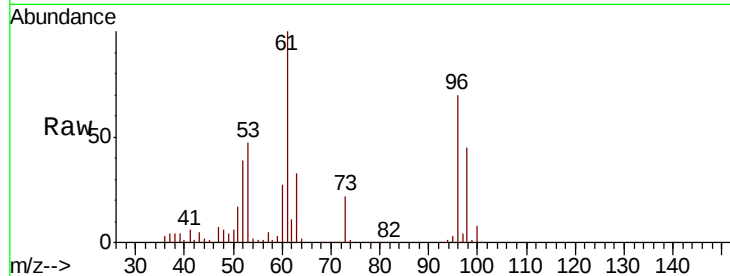
Tgt Ion: 96 Resp: 70498

Ion Ratio Lower Upper

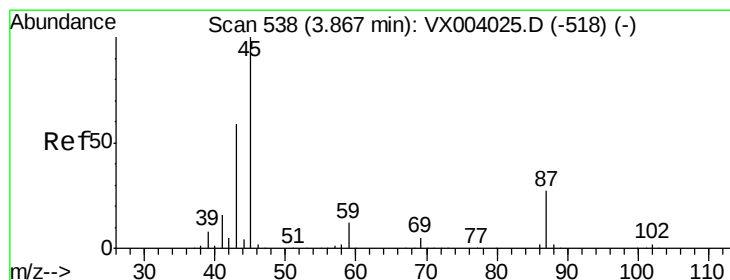
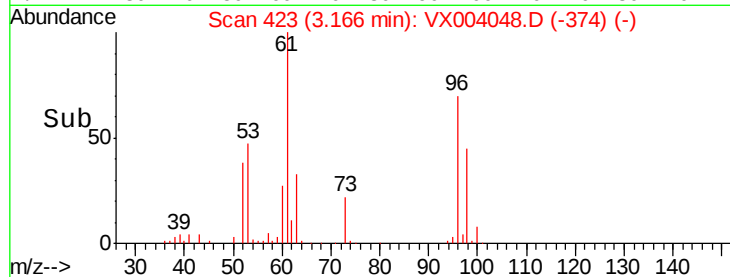
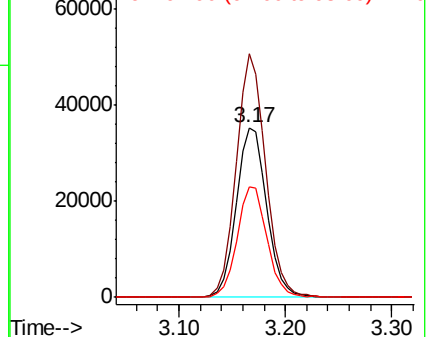
96 100

61 143.5 111.8 167.6

98 65.3 51.8 77.6



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



#22

Diisopropyl ether

Concen: 21.131 ug/l

RT: 3.86 min Scan# 537

Delta R.T. -0.01 min

Lab File: VX004048.D

Acq: 15 Aug 2018 00:48

Tgt Ion: 45 Resp: 234847

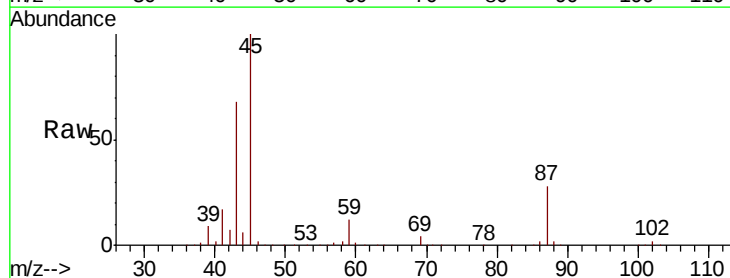
Ion Ratio Lower Upper

45 100

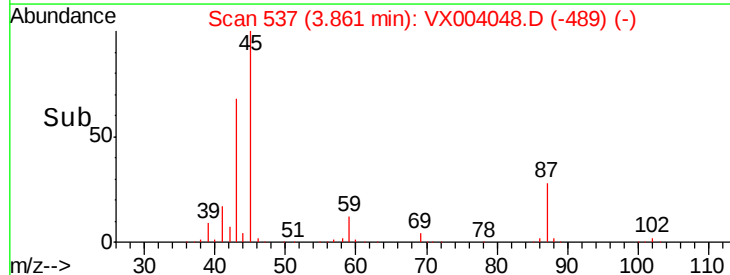
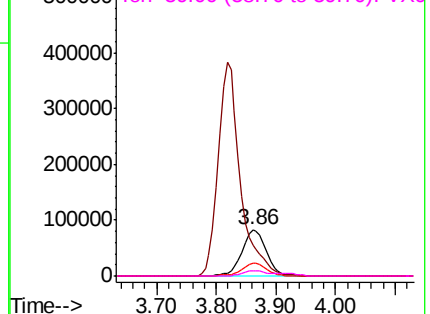
43 67.6 45.3 67.9

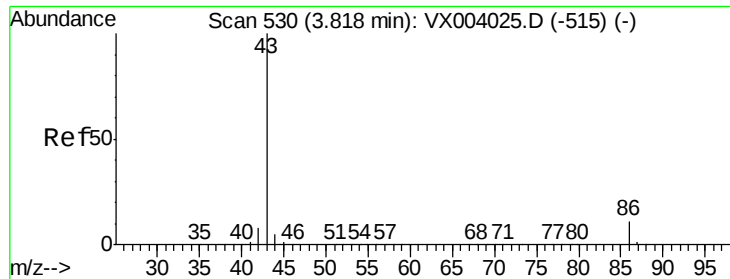
87 27.8 22.7 34.1

59 11.5 9.6 14.4



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





#23

Vinyl Acetate

Concen: 108.584 ug/l

RT: 3.82 min Scan# 530

Delta R.T. -0.00 min

Lab File: VX004048.D

Acq: 15 Aug 2018 00:48

Instrument :

MSVOA_X

ClientSampleId :

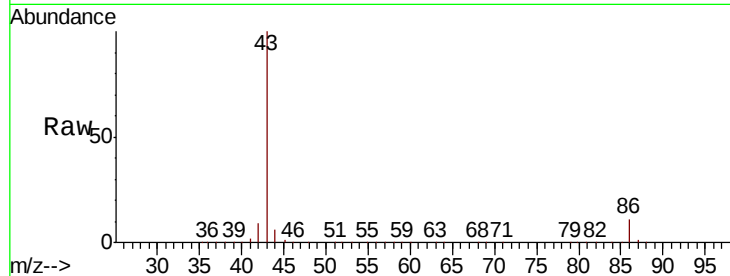
VX0814WBS02

Tgt Ion: 43 Resp: 991208

Ion Ratio Lower Upper

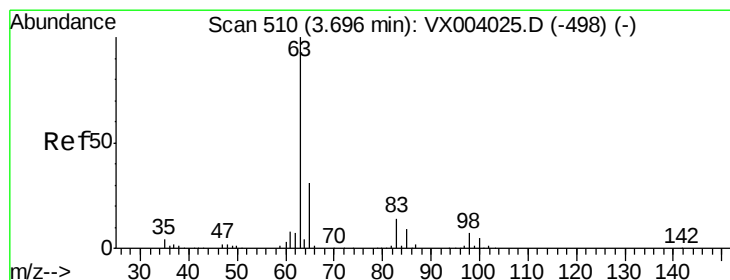
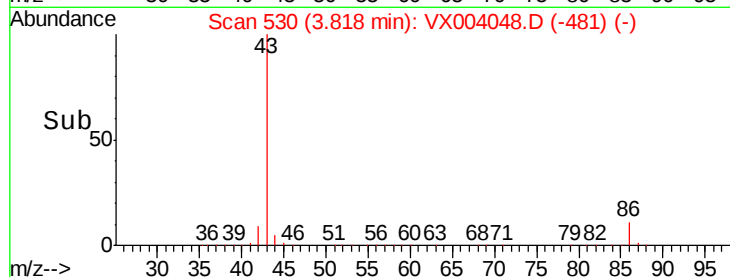
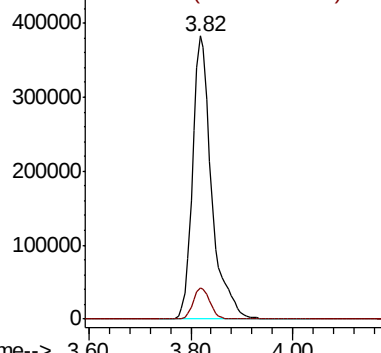
43 100

86 11.0 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 21.418 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX004048.D

Acq: 15 Aug 2018 00:48

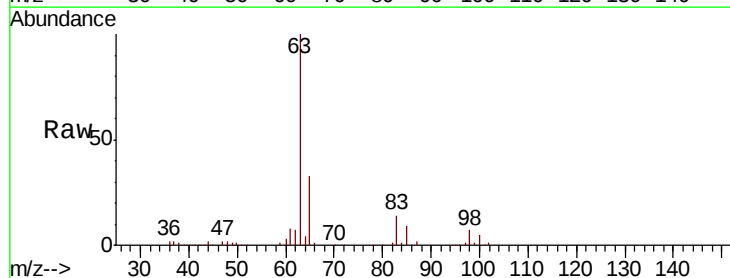
Tgt Ion: 63 Resp: 134830

Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.5

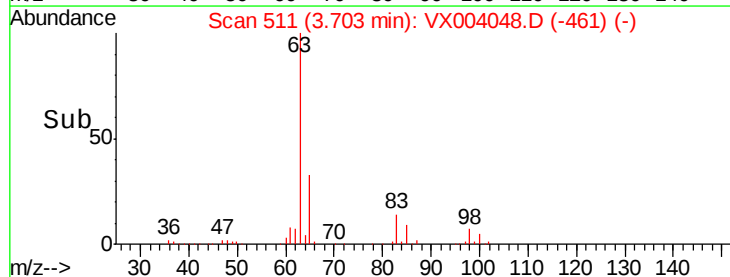
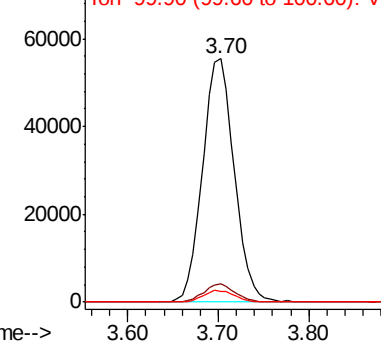
100 4.6 2.3 6.8

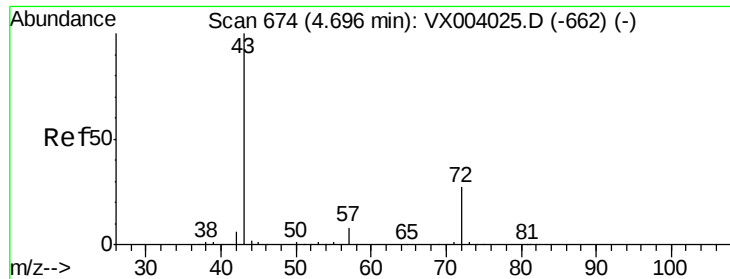


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 109.872 ug/l

RT: 4.69 min Scan# 673

Delta R.T. -0.01 min

Lab File: VX004048.D

Acq: 15 Aug 2018 00:48

Instrument :

MSVOA_X

ClientSampleId :

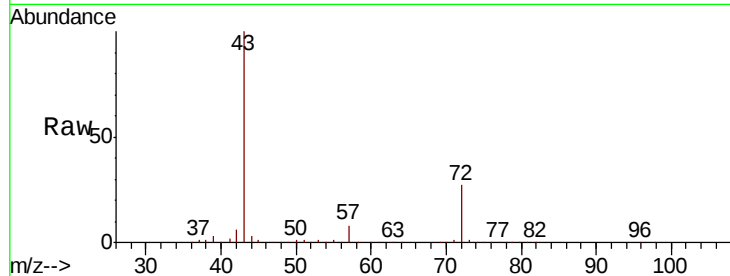
VX0814WBS02

Tgt Ion: 43 Resp: 371071

Ion Ratio Lower Upper

43 100

72 26.8 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

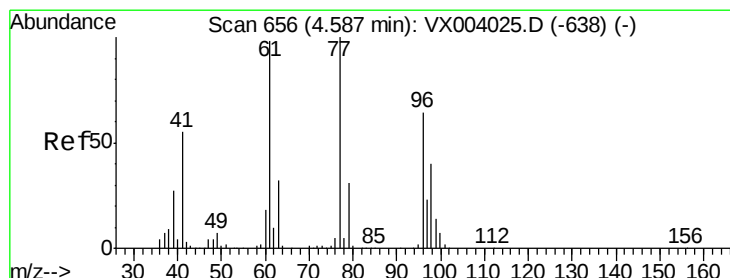
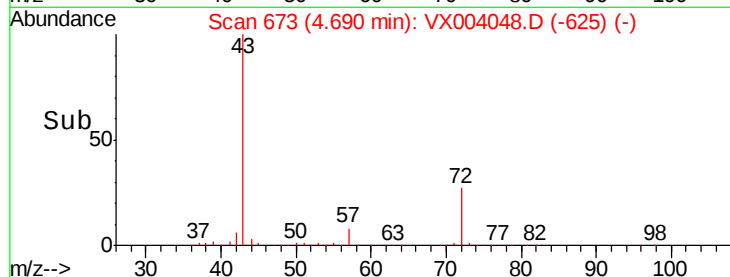
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 15.604 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX004048.D

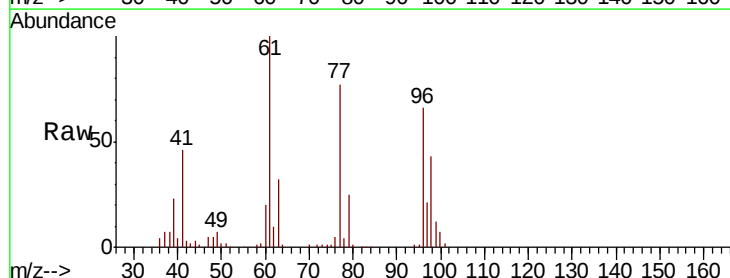
Acq: 15 Aug 2018 00:48

Tgt Ion: 77 Resp: 78098

Ion Ratio Lower Upper

77 100

97 24.8 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

25000

20000

15000

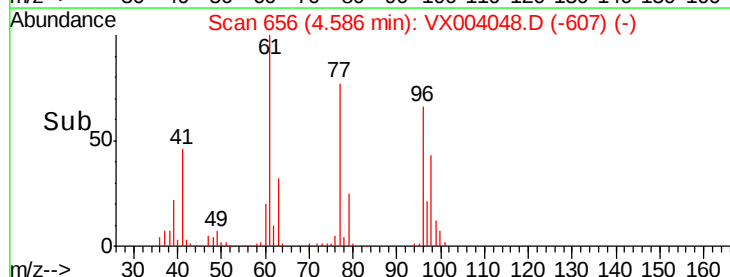
10000

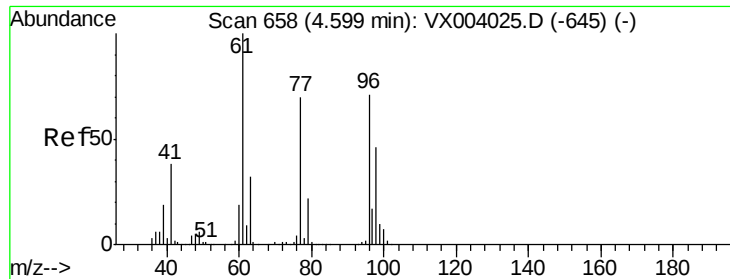
5000

0

4.50 4.60 4.70

Time-->



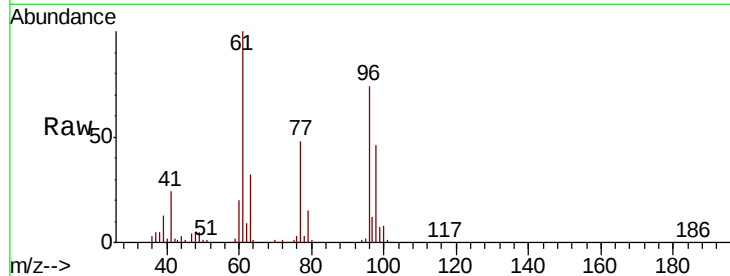


#27

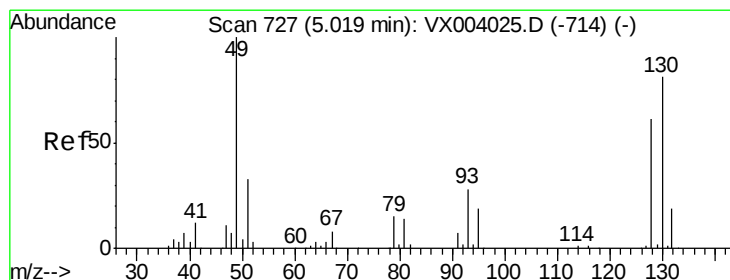
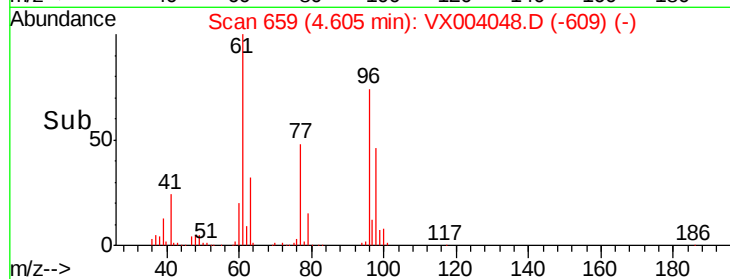
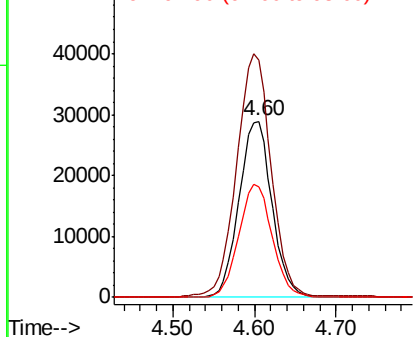
cis-1,2-Dichloroethene
 Concen: 21.284 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: VX004048.D
 Acq: 15 Aug 2018 00:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBS02

Tgt Ion: 96 Resp: 81025
 Ion Ratio Lower Upper
 96 100
 61 145.6 0.0 293.0
 98 65.0 0.0 131.8



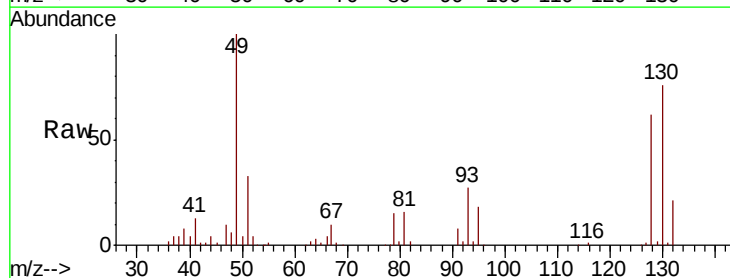
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



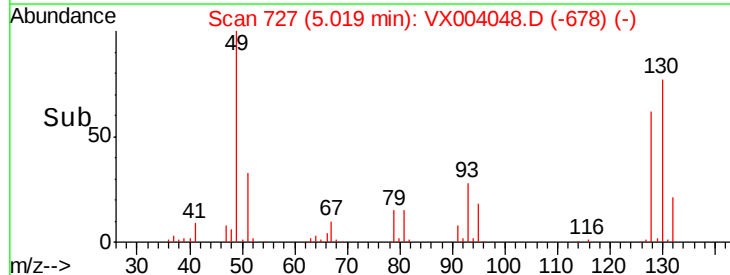
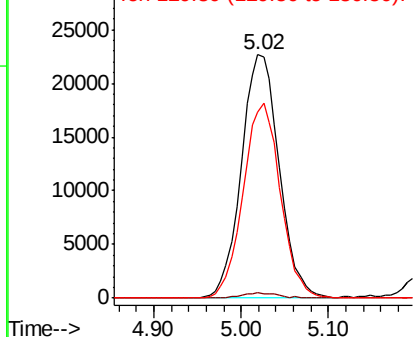
#28

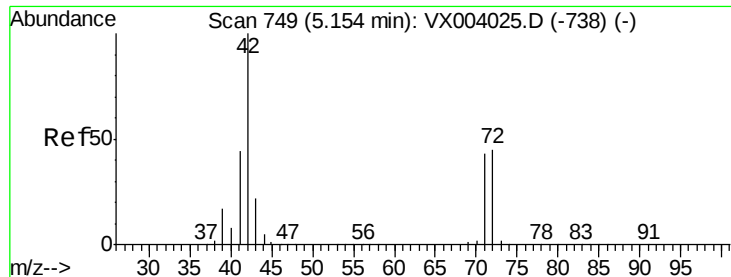
Bromochloromethane
 Concen: 23.638 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: VX004048.D
 Acq: 15 Aug 2018 00:48

Tgt Ion: 49 Resp: 68272
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 78.6 66.5 99.7



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





#29

Tetrahydrofuran

Concen: 108.252 ug/l

RT: 5.15 min Scan# 749

Delta R.T. -0.00 min

Lab File: VX004048.D

Acq: 15 Aug 2018 00:48

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBS02

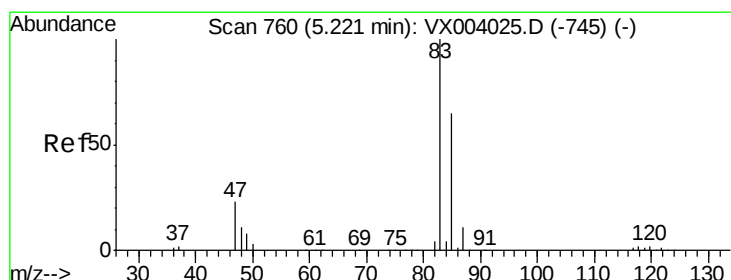
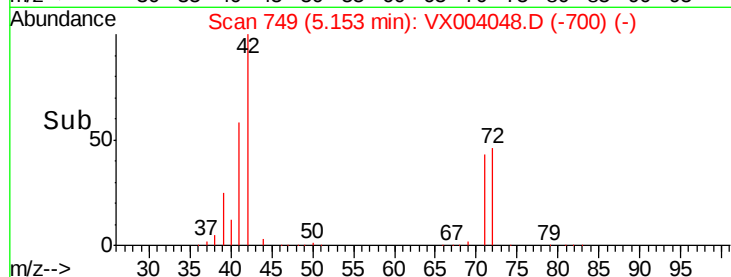
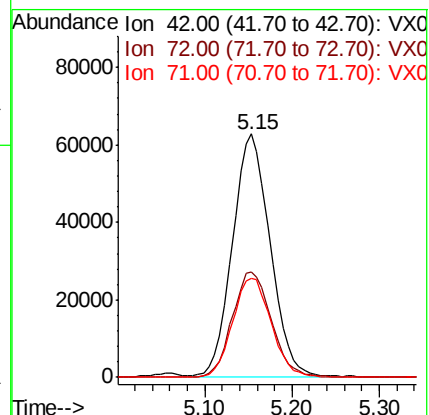
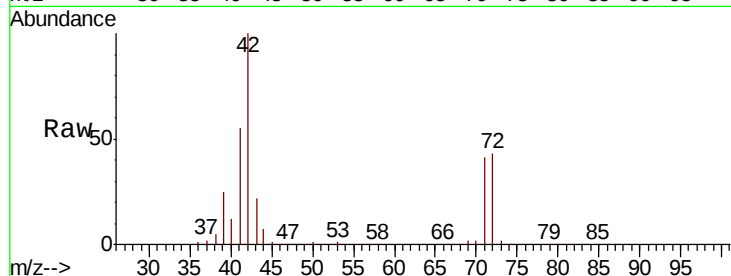
Tgt Ion: 42 Resp: 186790

Ion Ratio Lower Upper

42 100

72 45.4 37.7 56.5

71 42.1 35.0 52.6



#30

Chloroform

Concen: 21.407 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX004048.D

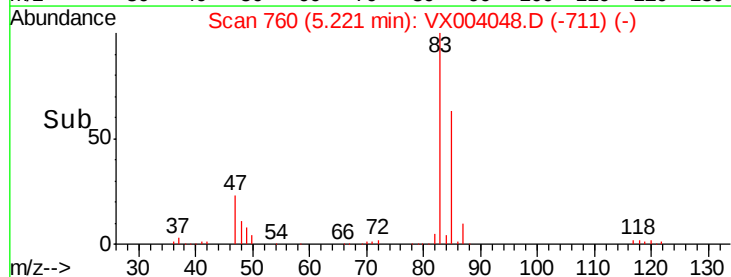
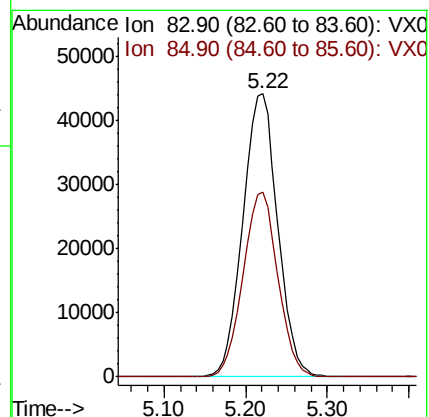
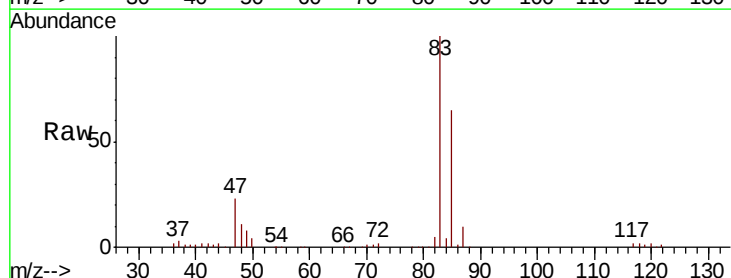
Acq: 15 Aug 2018 00:48

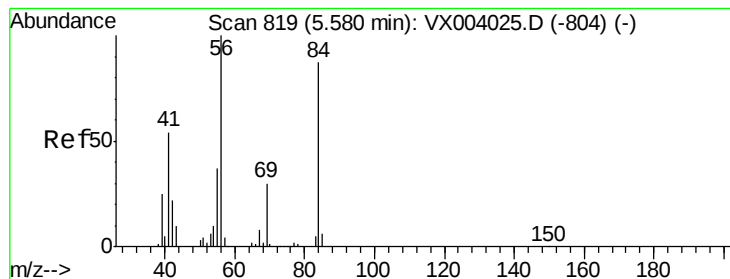
Tgt Ion: 83 Resp: 131519

Ion Ratio Lower Upper

83 100

85 65.5 50.7 76.1





#31

Cyclohexane

Concen: 21.007 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX004048.D

Acq: 15 Aug 2018 00:48

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBS02

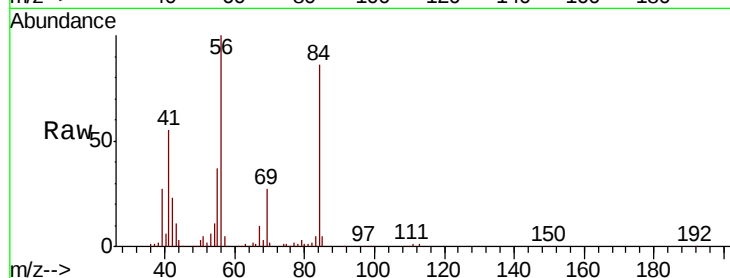
Tgt Ion: 56 Resp: 115930

Ion Ratio Lower Upper

56 100

69 27.3 24.9 37.3

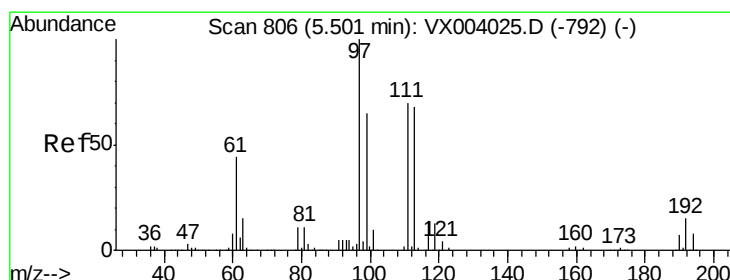
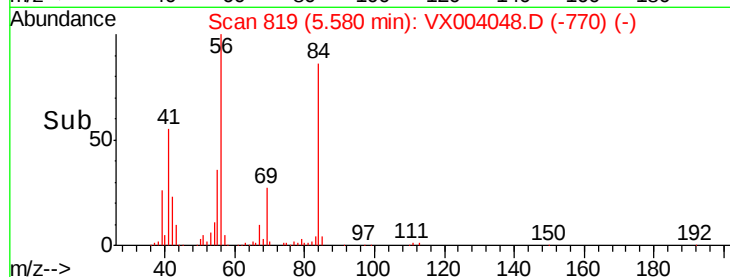
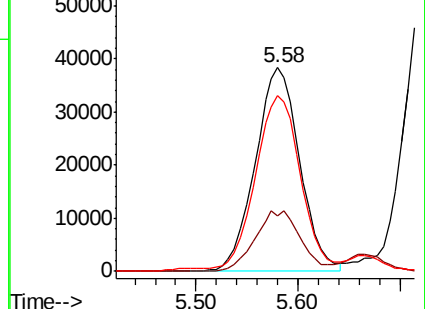
84 84.8 71.7 107.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 21.516 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004048.D

Acq: 15 Aug 2018 00:48

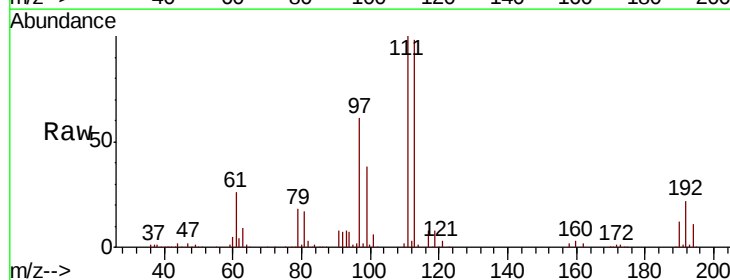
Tgt Ion: 97 Resp: 110466

Ion Ratio Lower Upper

97 100

99 64.3 51.8 77.8

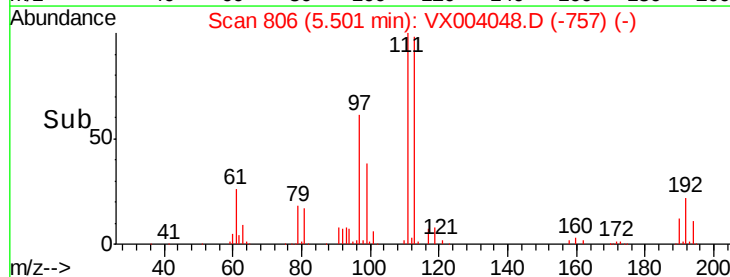
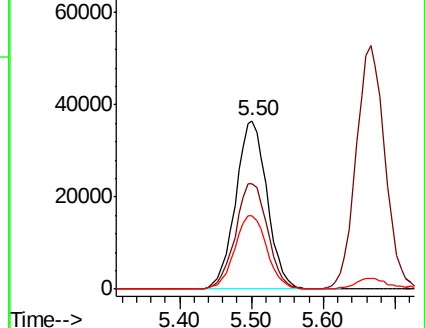
61 45.1 34.4 51.6

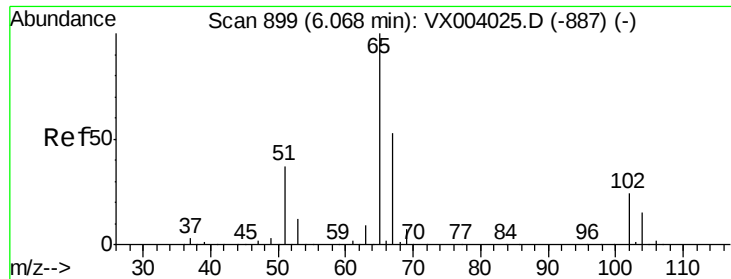


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

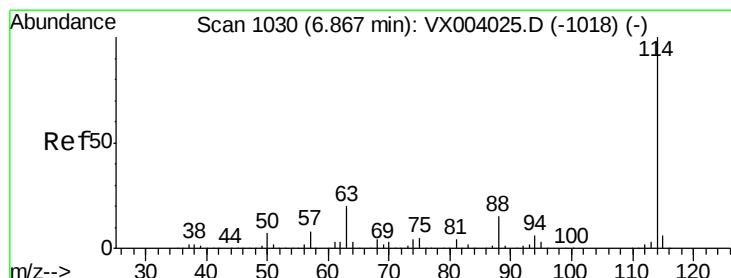
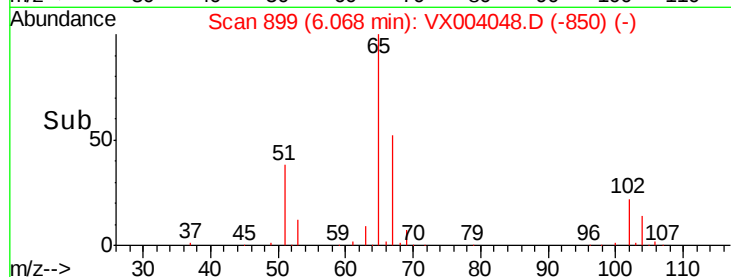
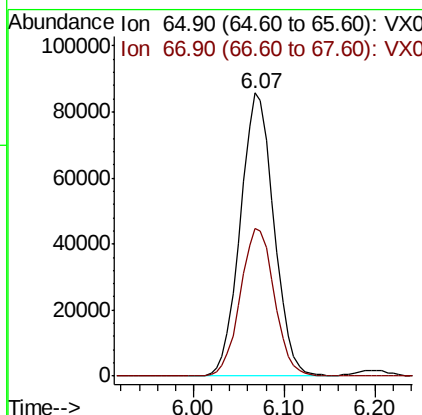
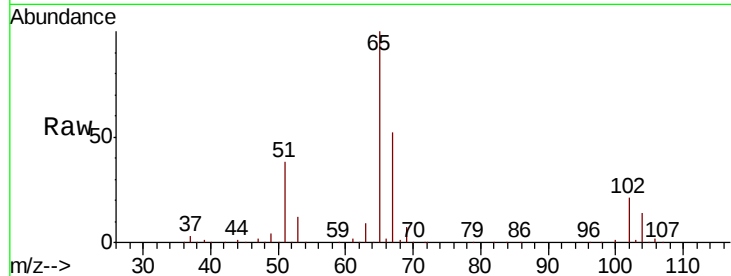




#33
 1,2-Dichloroethane-d4
 Concen: 55.117 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004048.D
 Acq: 15 Aug 2018 00:48

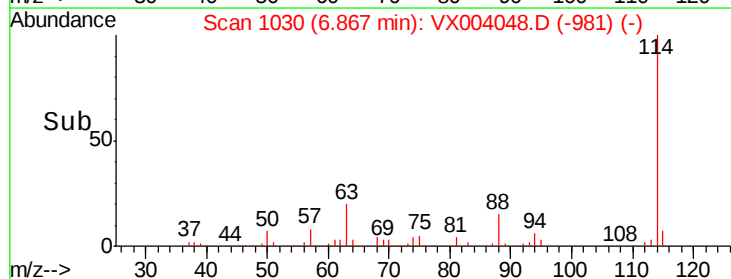
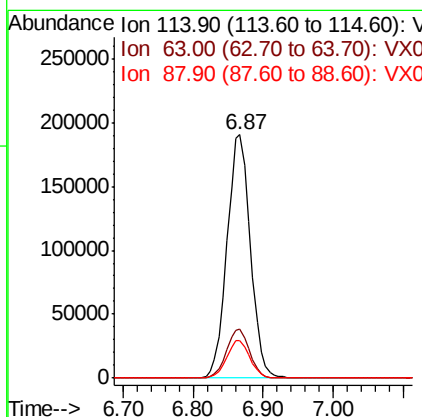
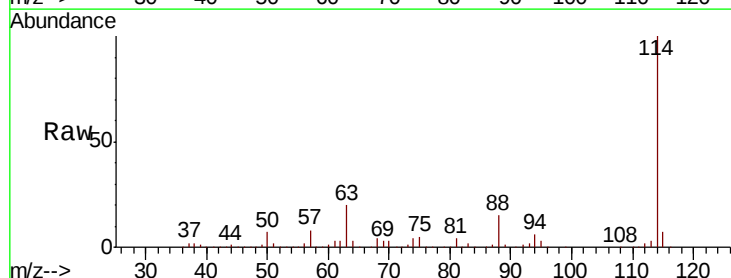
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBS02

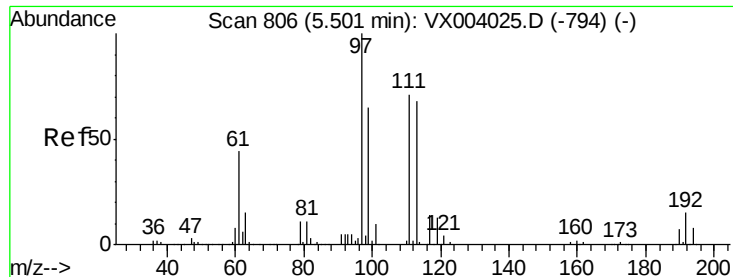
Tgt Ion: 65 Resp: 220046
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX004048.D
 Acq: 15 Aug 2018 00:48

Tgt Ion: 114 Resp: 442595
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.0
 88 15.2 0.0 32.0





#35

Dibromofluoromethane

Concen: 52.227 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX004048.D

Acq: 15 Aug 2018 00:48

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBS02

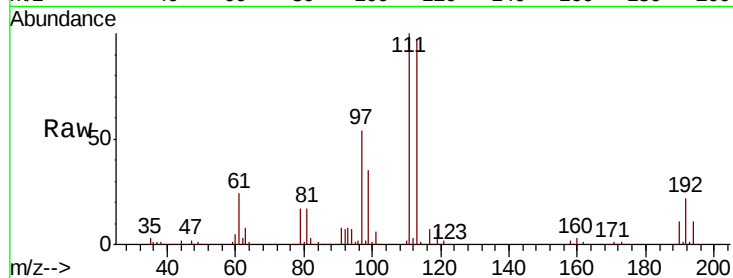
Tgt Ion:113 Resp: 173001

Ion Ratio Lower Upper

113 100

111 102.1 82.0 123.0

192 22.7 19.0 28.4

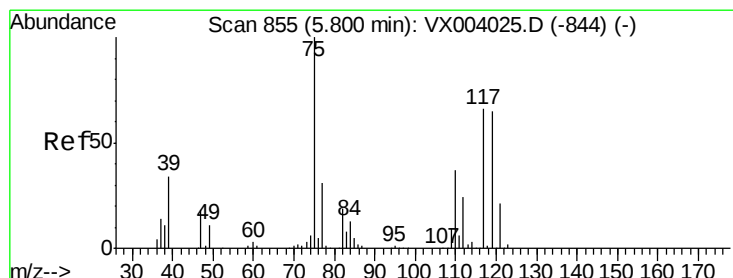
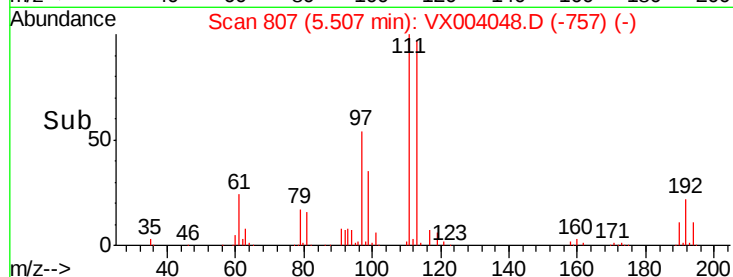
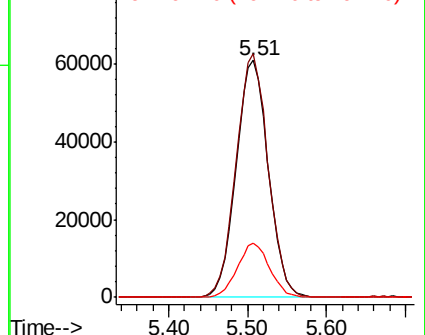


Abundance

Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.239 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.01 min

Lab File: VX004048.D

Acq: 15 Aug 2018 00:48

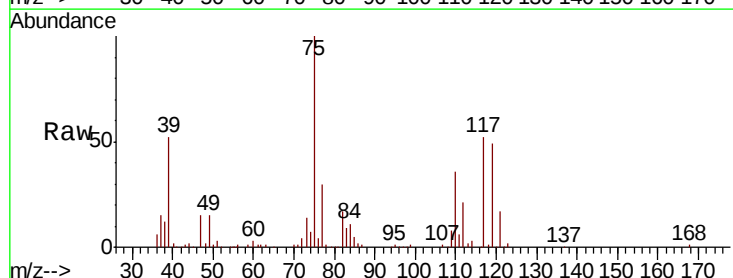
Tgt Ion: 75 Resp: 96894

Ion Ratio Lower Upper

75 100

110 35.7 18.2 54.6

77 31.2 25.0 37.4

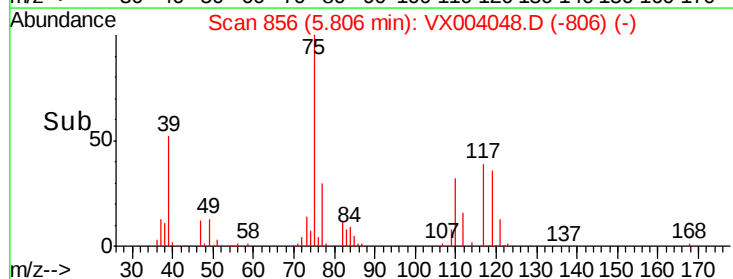
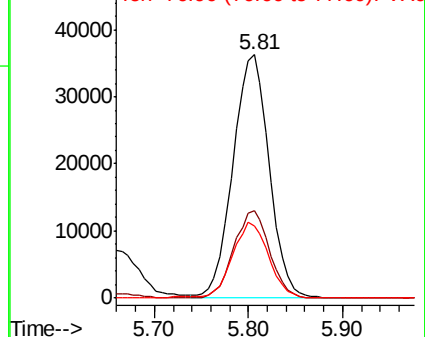


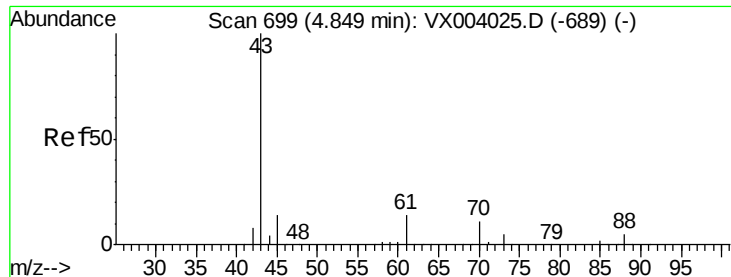
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 20.624 ug/l

RT: 4.85 min Scan# 699

Delta R.T. -0.00 min

Lab File: VX004048.D

Acq: 15 Aug 2018 00:48

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBS02

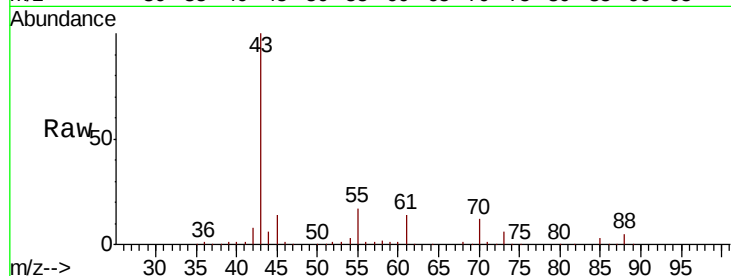
Tgt Ion: 43 Resp: 113115

Ion Ratio Lower Upper

43 100

61 14.6 11.5 17.3

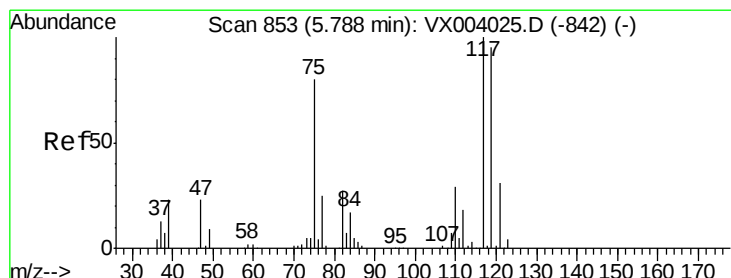
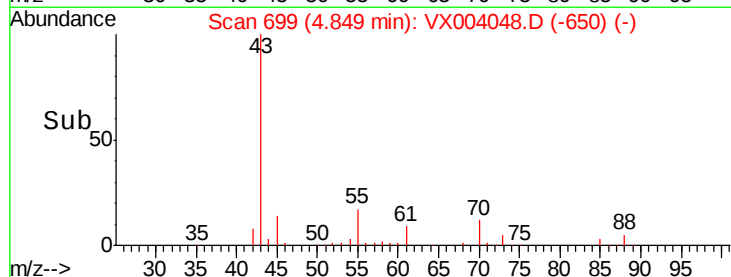
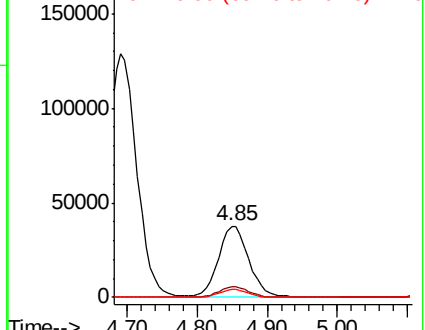
70 11.0 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 19.088 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX004048.D

Acq: 15 Aug 2018 00:48

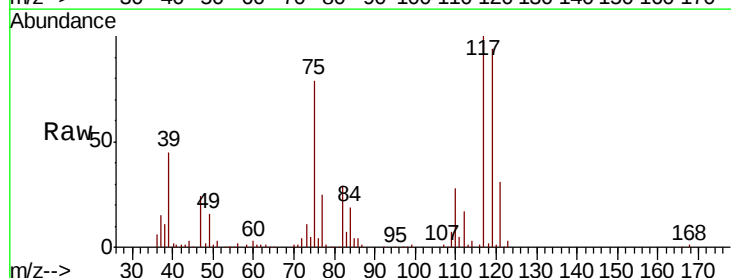
Tgt Ion: 117 Resp: 93400

Ion Ratio Lower Upper

117 100

119 93.4 79.5 119.3

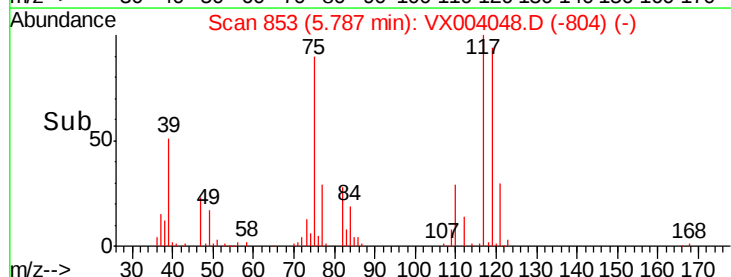
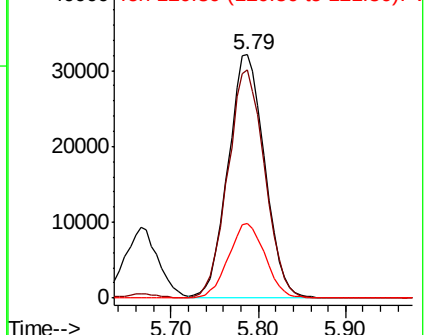
121 30.6 25.0 37.4

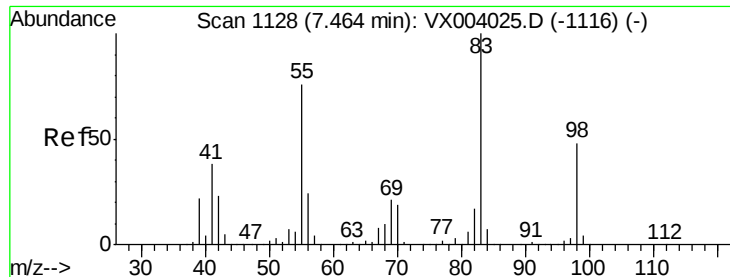


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

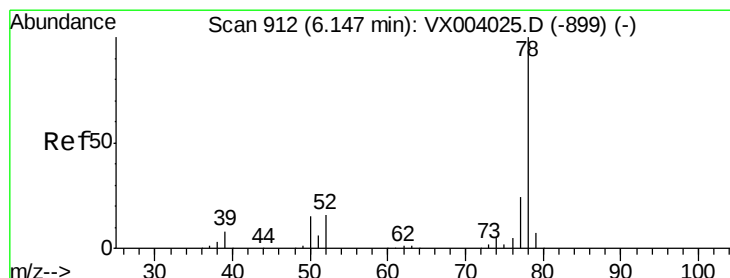
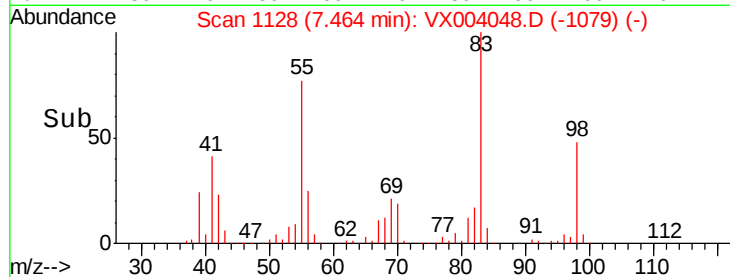
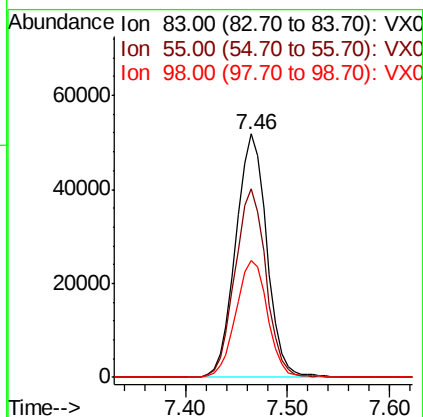
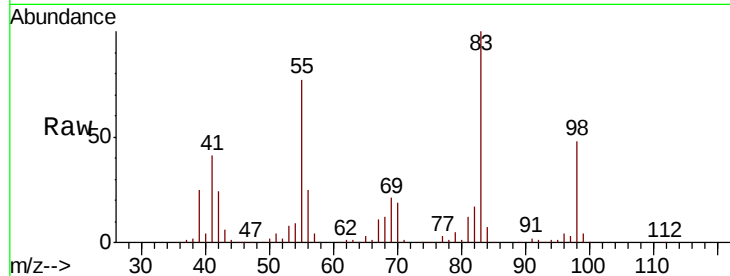




#39
Methylcyclohexane
Concen: 19.197 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX004048.D
Acq: 15 Aug 2018 00:48

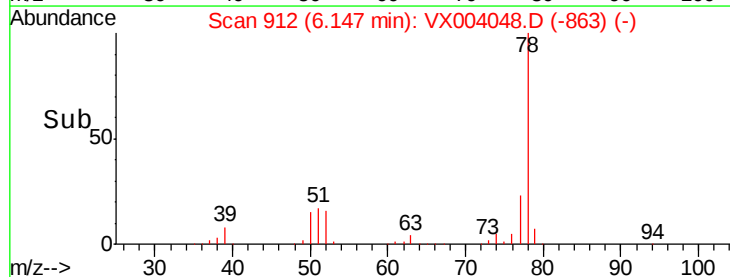
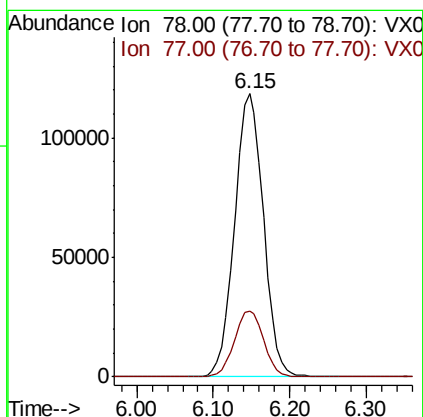
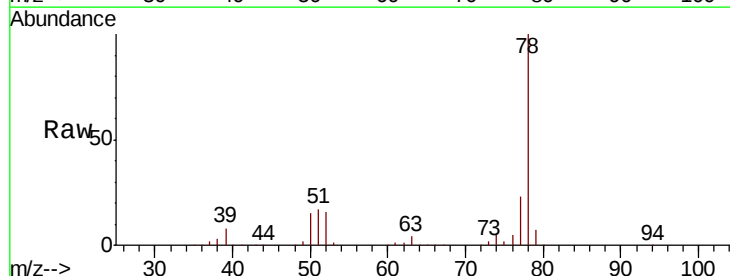
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS02

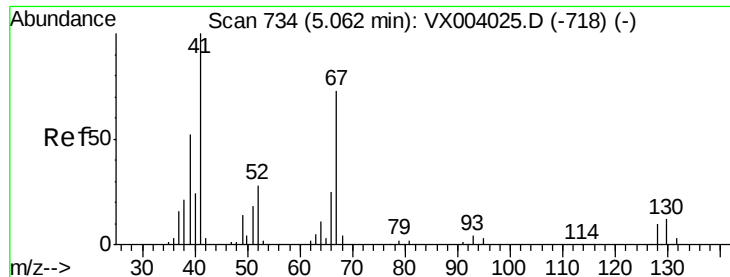
Tgt Ion: 83 Resp: 109685
Ion Ratio Lower Upper
83 100
55 77.3 61.0 91.6
98 48.1 38.6 57.8



#40
Benzene
Concen: 20.483 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX004048.D
Acq: 15 Aug 2018 00:48

Tgt Ion: 78 Resp: 309773
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4

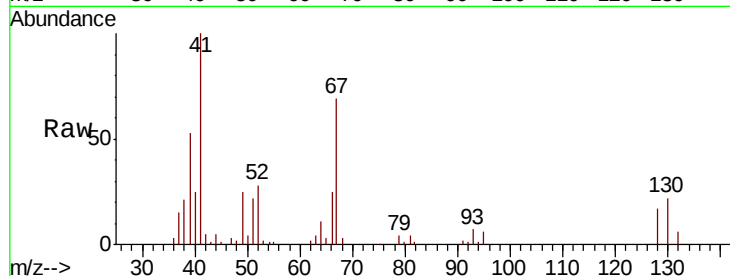




#41
Methacrylonitrile
Concen: 20.140 ug/l
RT: 5.06 min Scan# 733
Delta R.T. -0.01 min
Lab File: VX004048.D
Acq: 15 Aug 2018 00:48

Instrument :
MSVOA_X
ClientSampled :
VX0814WBS02

Tgt Ion:	41	Resp:	61863
Ion	Ratio	Lower	Upper
41	100		
39	52.3	42.7	64.1
67	73.0	58.9	88.3
52	30.0	22.6	33.8



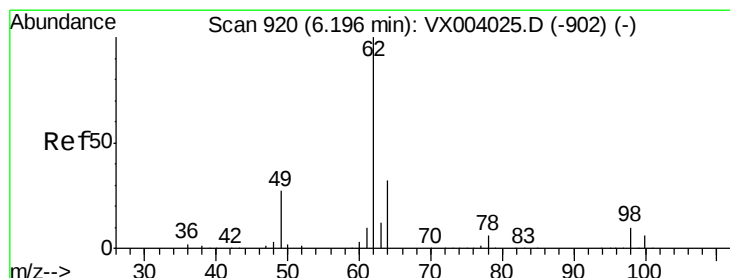
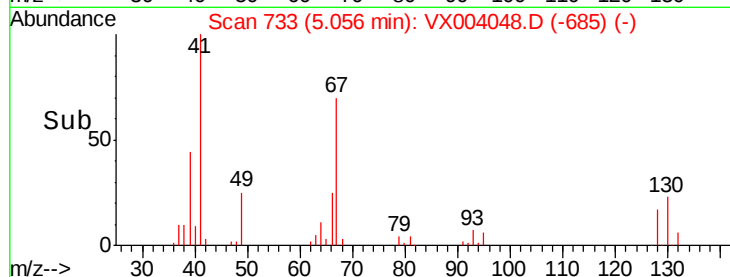
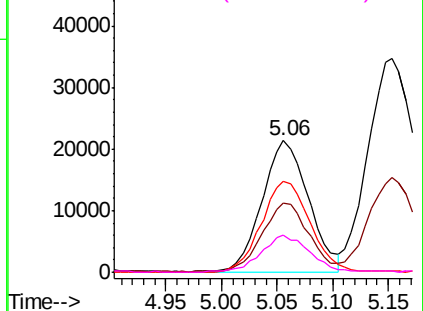
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

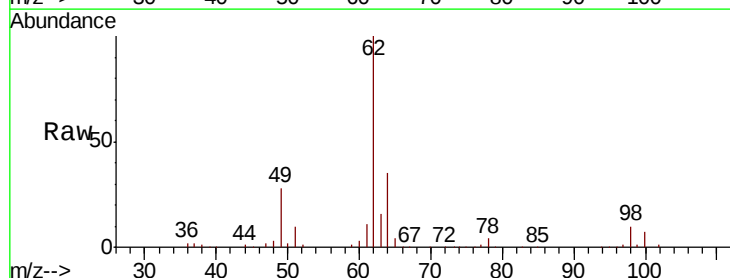
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 20.736 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.01 min
Lab File: VX004048.D
Acq: 15 Aug 2018 00:48

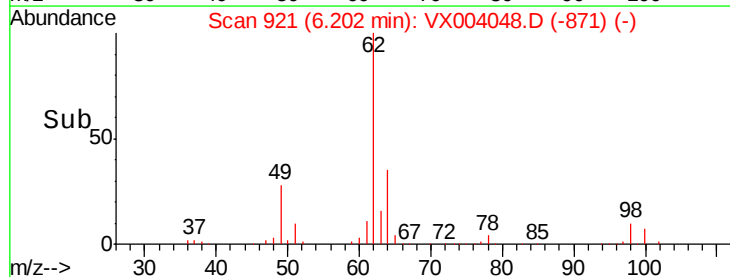
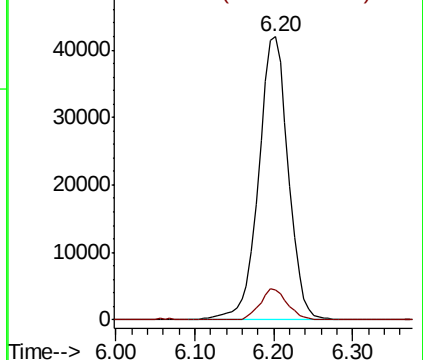
Tgt Ion:	62	Resp:	109770
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.4

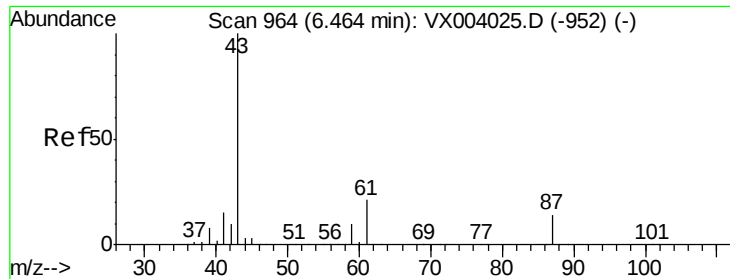


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.007 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004048.D

Acq: 15 Aug 2018 00:48

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBS02

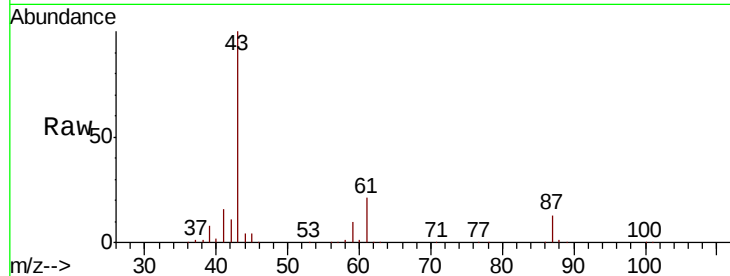
Tgt Ion: 43 Resp: 161738

Ion Ratio Lower Upper

43 100

61 20.8 16.9 25.3

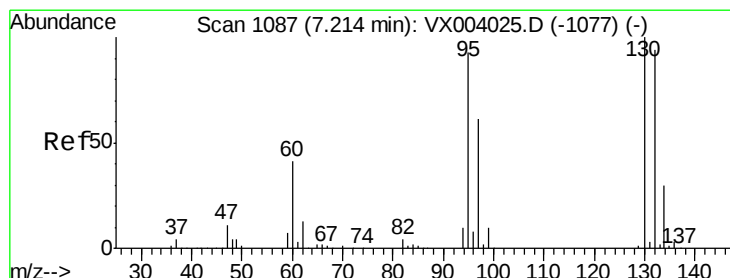
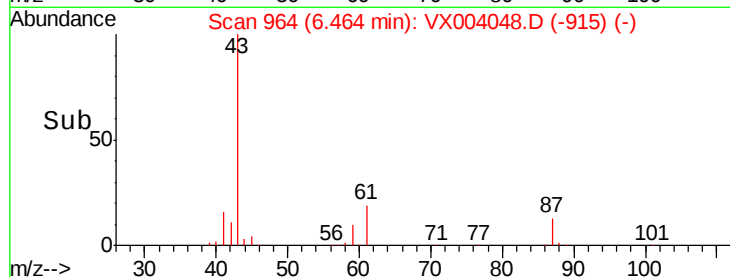
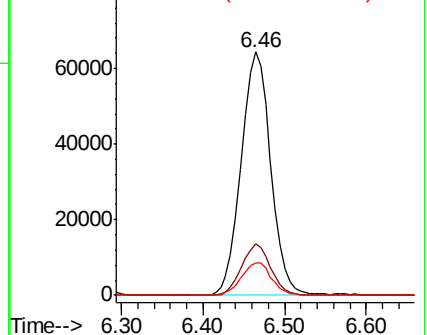
87 13.7 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.950 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004048.D

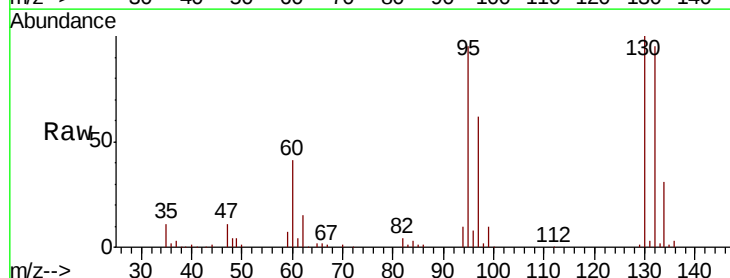
Acq: 15 Aug 2018 00:48

Tgt Ion: 130 Resp: 81905

Ion Ratio Lower Upper

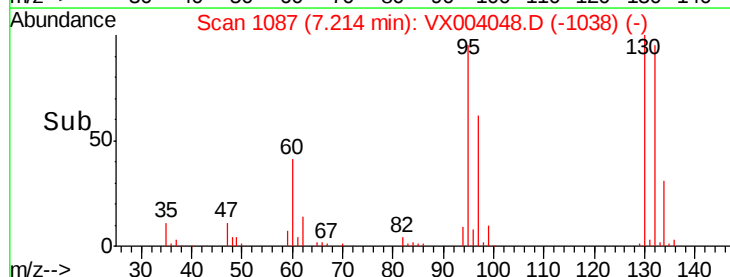
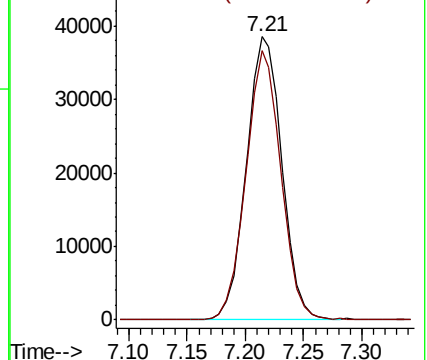
130 100

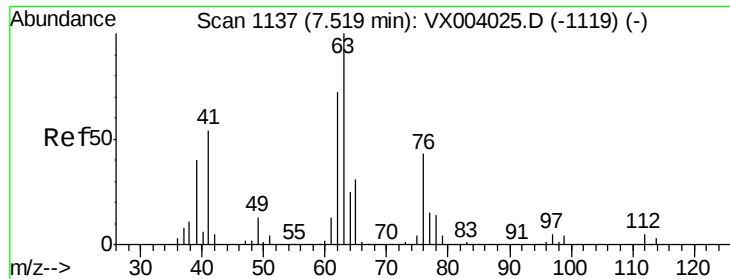
95 95.1 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

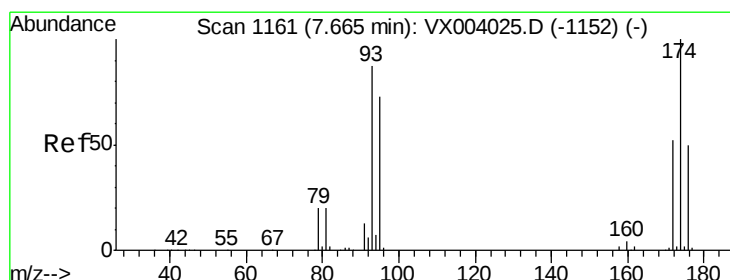
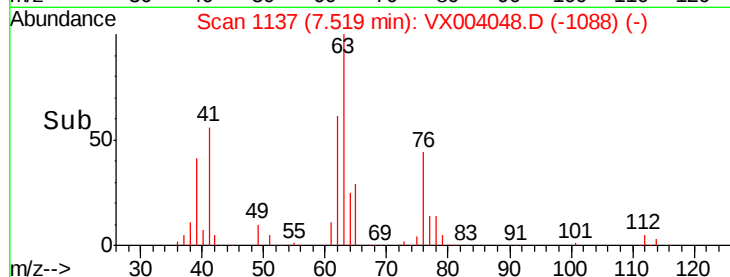
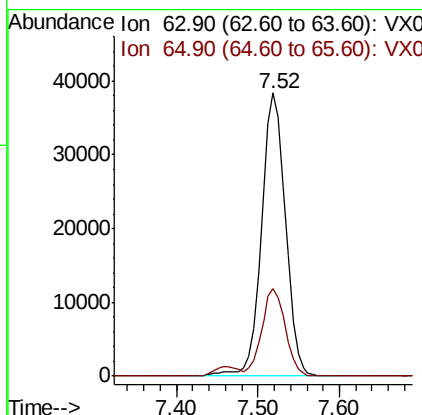
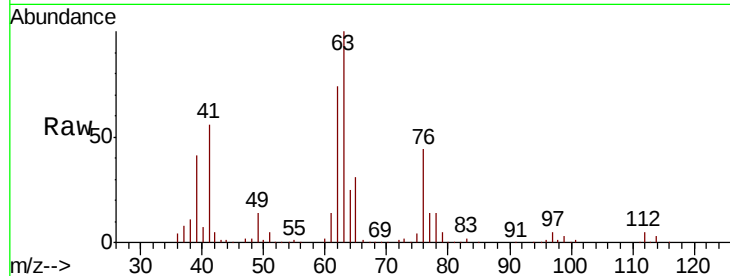




#45
 1,2-Dichloropropane
 Concen: 20.399 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX004048.D
 Acq: 15 Aug 2018 00:48

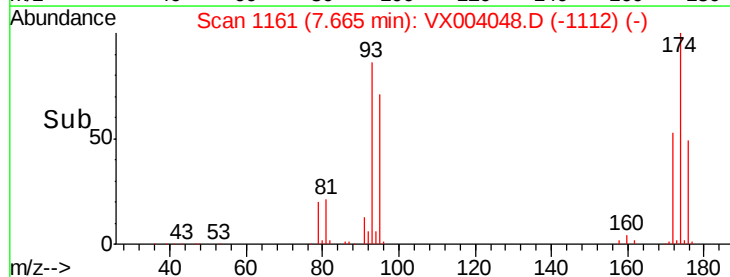
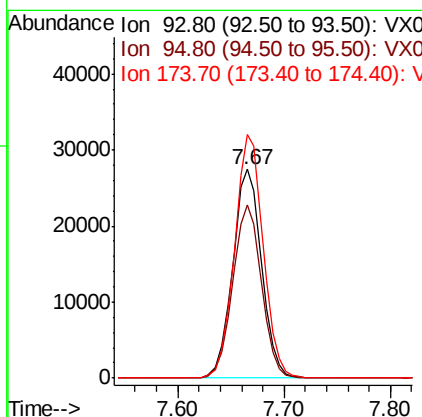
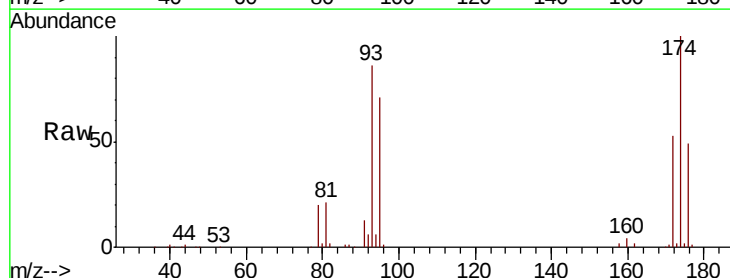
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBS02

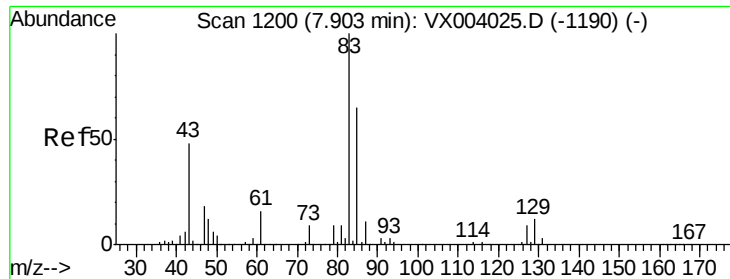
Tgt Ion: 63 Resp: 78976
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.6 36.8



#46
 Dibromomethane
 Concen: 20.635 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX004048.D
 Acq: 15 Aug 2018 00:48

Tgt Ion: 93 Resp: 52206
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.4 99.6
 174 115.6 94.3 141.5





#47

Bromodichloromethane

Concen: 20.165 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX004048.D

Acq: 15 Aug 2018 00:48

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBS02

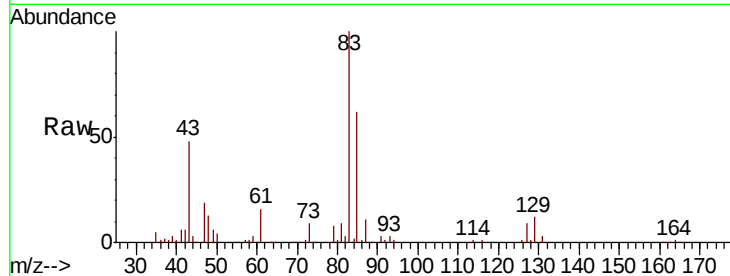
Tgt Ion: 83 Resp: 96624

Ion Ratio Lower Upper

83 100

85 61.9 51.2 76.8

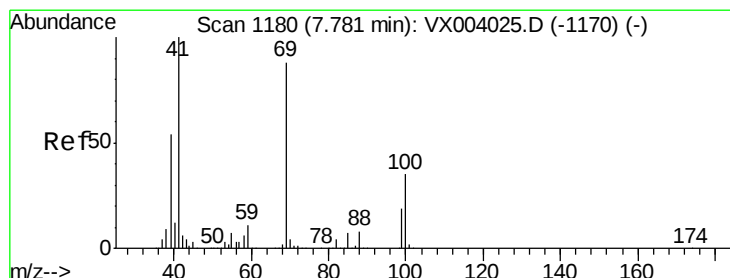
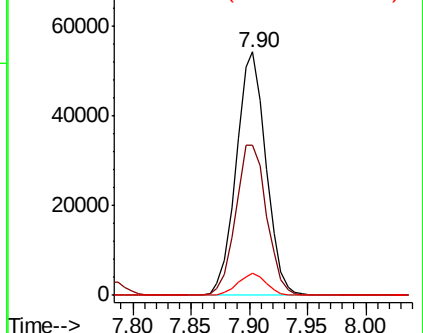
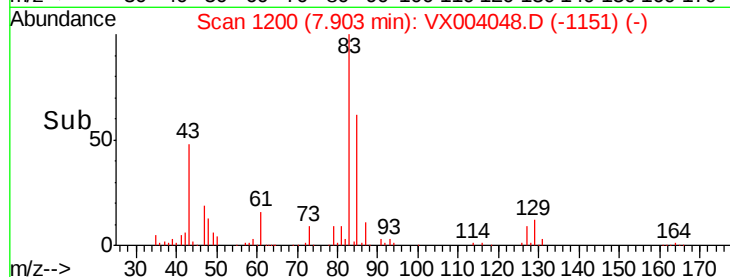
127 8.9 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.372 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX004048.D

Acq: 15 Aug 2018 00:48

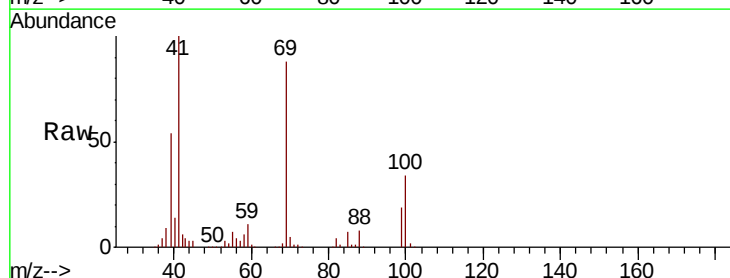
Tgt Ion: 41 Resp: 82904

Ion Ratio Lower Upper

41 100

69 88.6 68.8 103.2

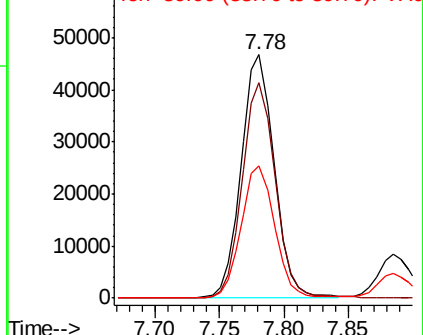
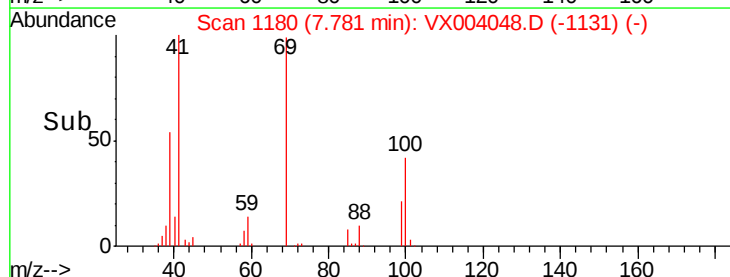
39 55.5 42.3 63.5

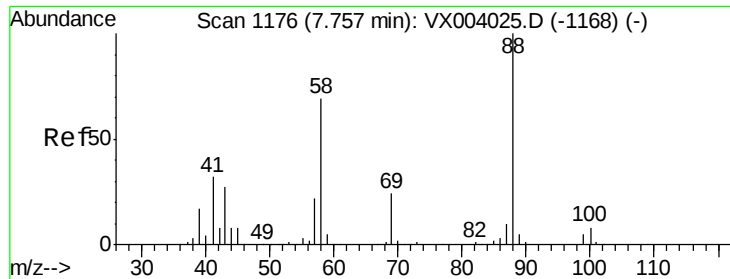


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

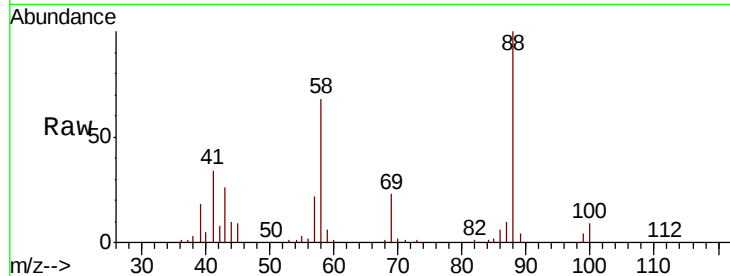




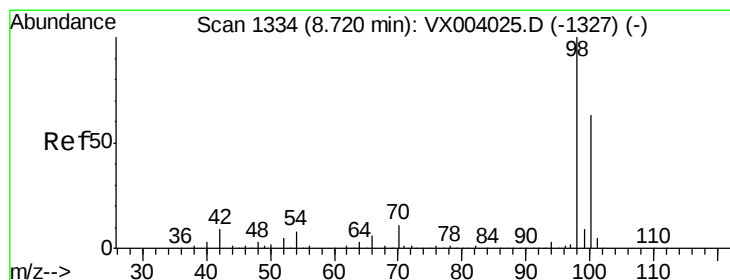
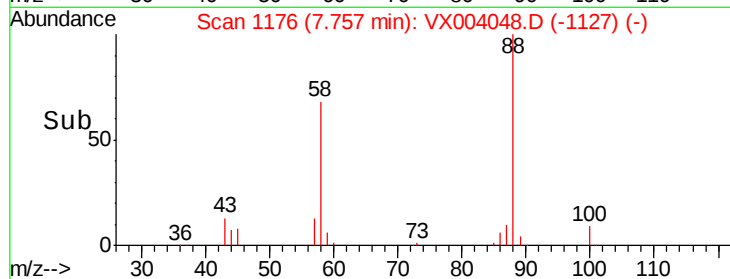
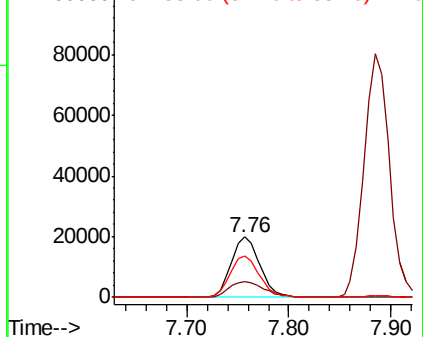
#49
1,4-Dioxane
Concen: 419.167 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX004048.D
Acq: 15 Aug 2018 00:48

Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS02

Tgt Ion: 88 Resp: 38405
Ion Ratio Lower Upper
88 100
43 30.8 23.8 35.8
58 70.5 55.4 83.0

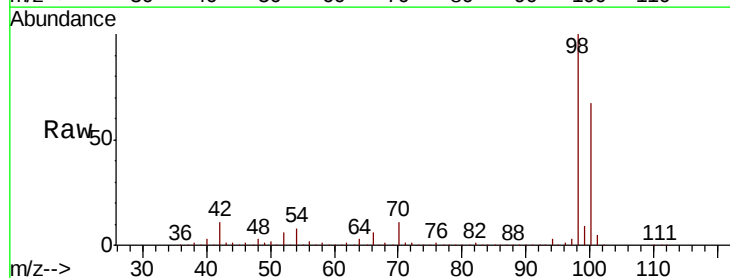


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

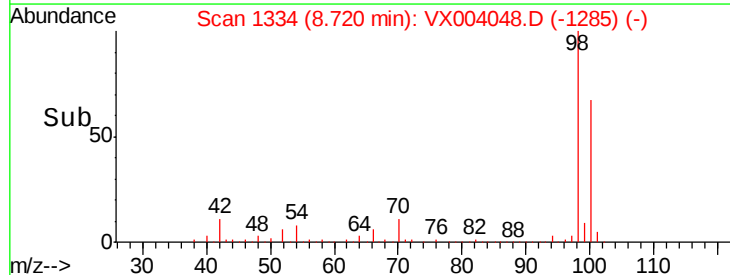
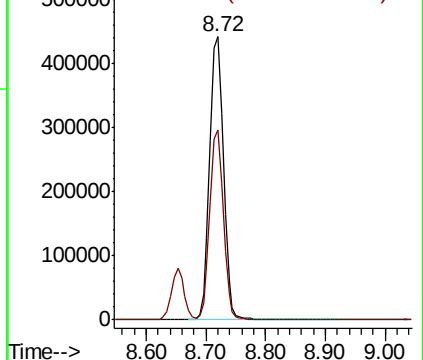


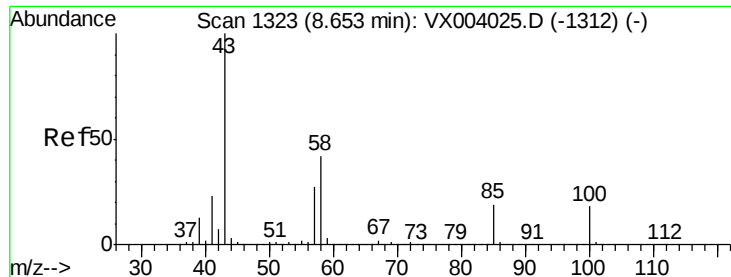
#50
Toluene-d8
Concen: 52.201 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX004048.D
Acq: 15 Aug 2018 00:48

Tgt Ion: 98 Resp: 701069
Ion Ratio Lower Upper
98 100
100 66.2 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

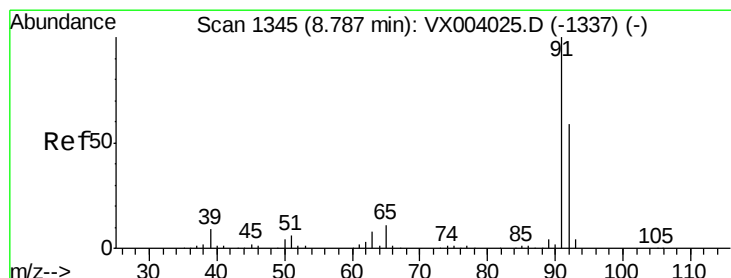
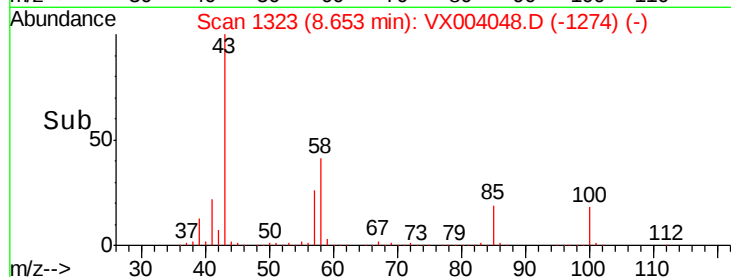
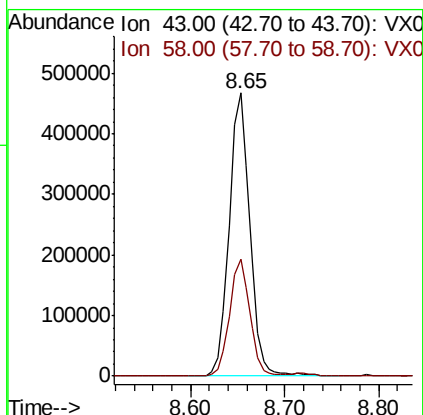
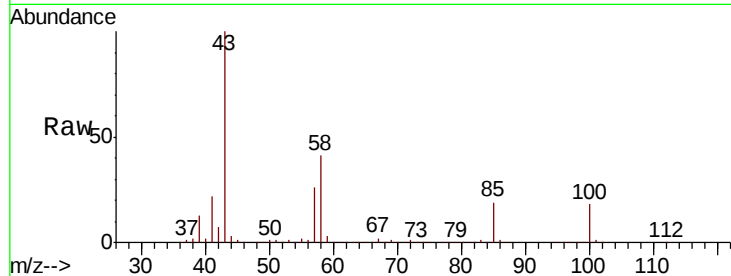




#51
 4-Methyl-2-Pentanone
 Concen: 107.592 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004048.D
 Acq: 15 Aug 2018 00:48

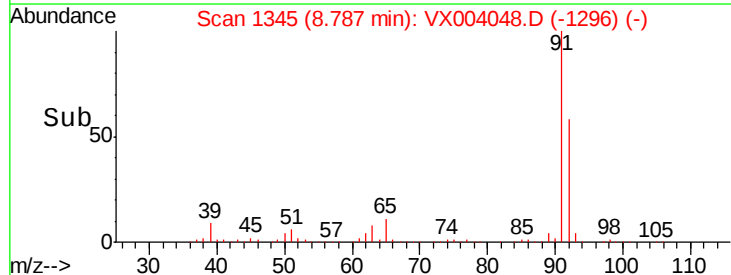
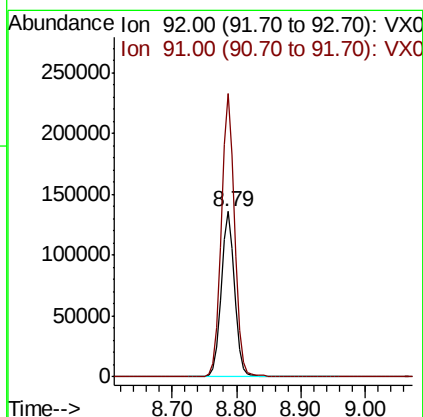
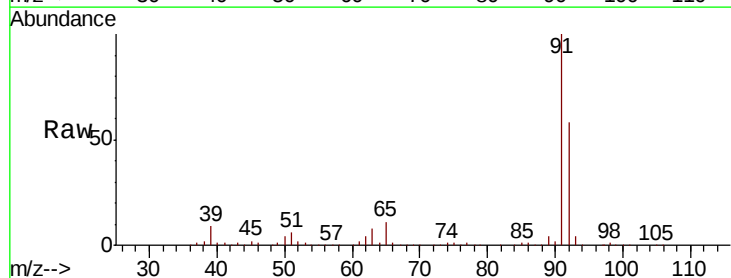
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBS02

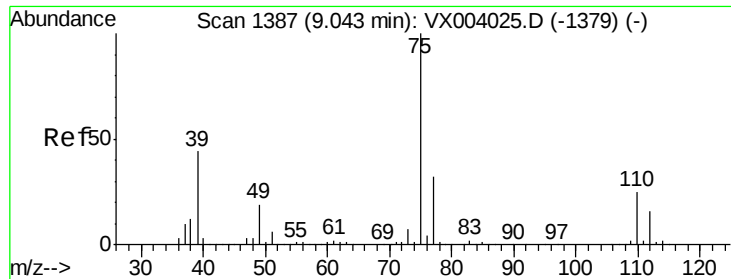
Tgt Ion: 43 Resp: 713185
 Ion Ratio Lower Upper
 43 100
 58 40.5 33.0 49.6



#52
 Toluene
 Concen: 20.906 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: VX004048.D
 Acq: 15 Aug 2018 00:48

Tgt Ion: 92 Resp: 199953
 Ion Ratio Lower Upper
 92 100
 91 170.5 136.1 204.1

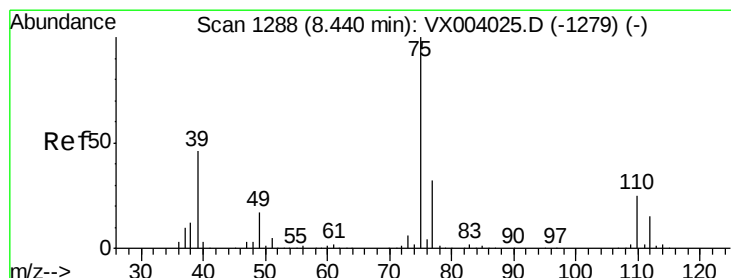
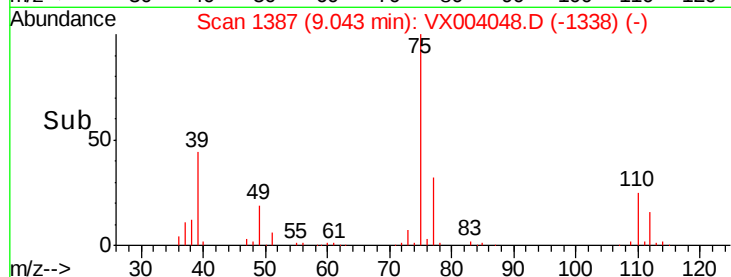
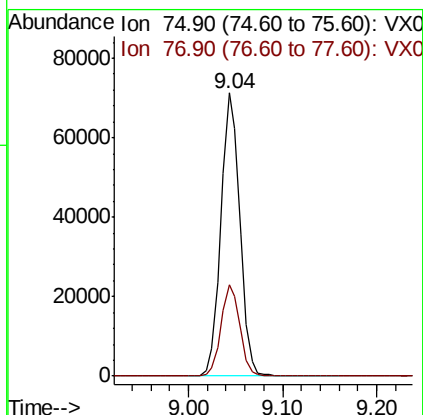
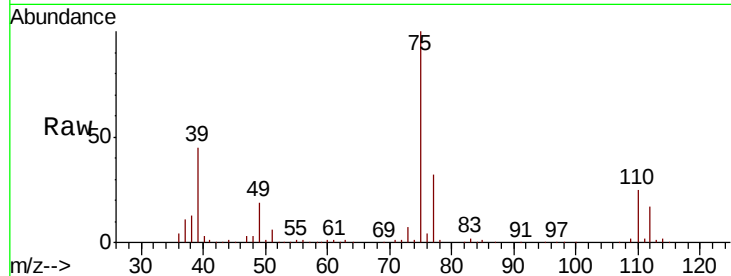




#53
t-1,3-Dichloropropene
Concen: 19.231 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VX004048.D
Acq: 15 Aug 2018 00:48

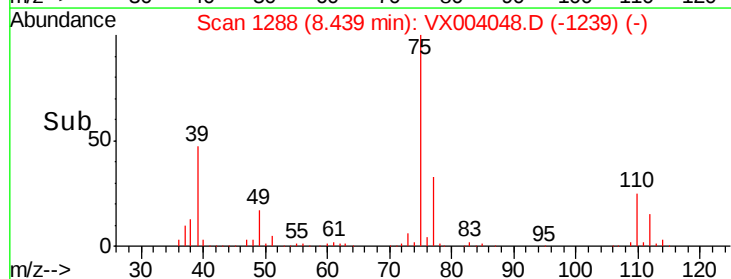
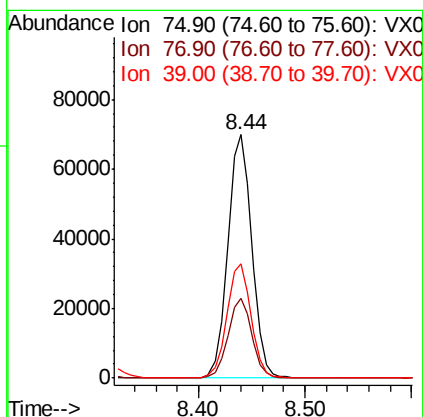
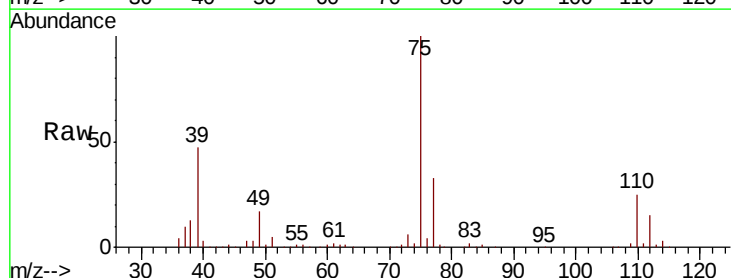
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS02

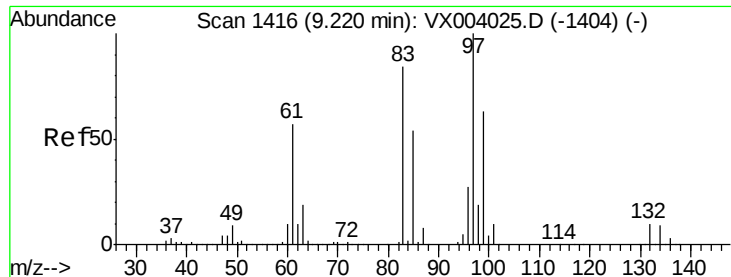
Tgt Ion: 75 Resp: 99552
Ion Ratio Lower Upper
75 100
77 32.1 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 19.278 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX004048.D
Acq: 15 Aug 2018 00:48

Tgt Ion: 75 Resp: 110518
Ion Ratio Lower Upper
75 100
77 32.9 25.3 37.9
39 47.1 36.2 54.2

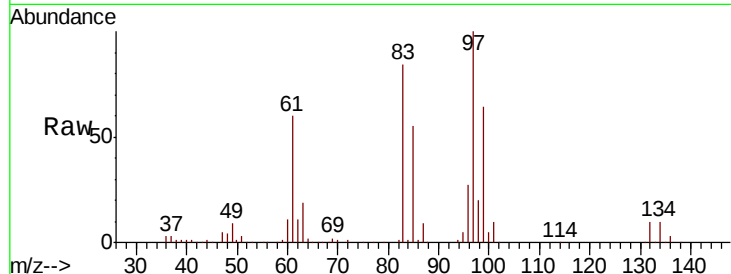




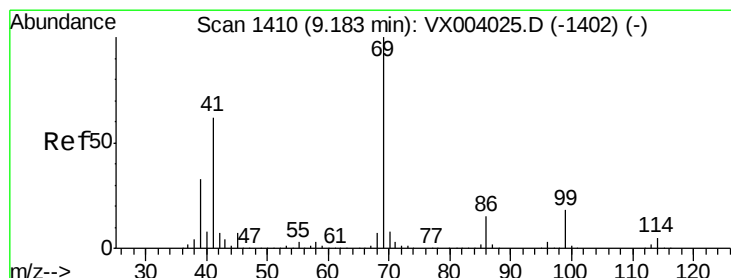
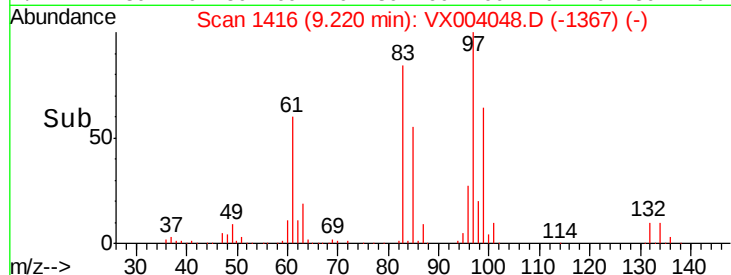
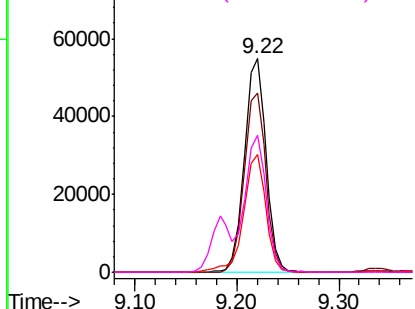
#55
 1,1,2-Trichloroethane
 Concen: 20.445 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX004048.D
 Acq: 15 Aug 2018 00:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBS02

Tgt Ion: 97 Resp: 80751
 Ion Ratio Lower Upper
 97 100
 83 83.7 67.8 101.6
 85 55.2 44.2 66.2
 99 64.3 50.8 76.2

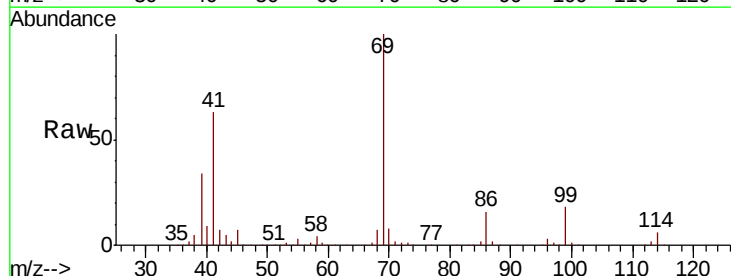


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

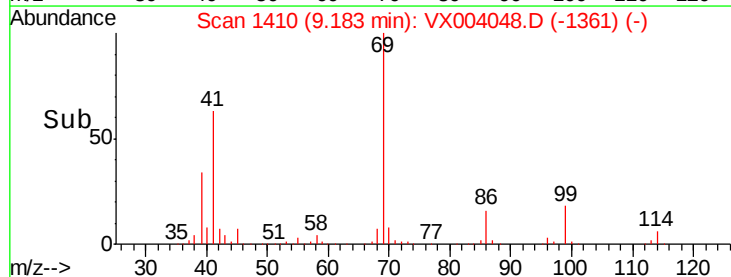
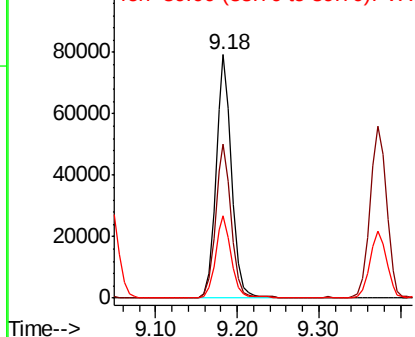


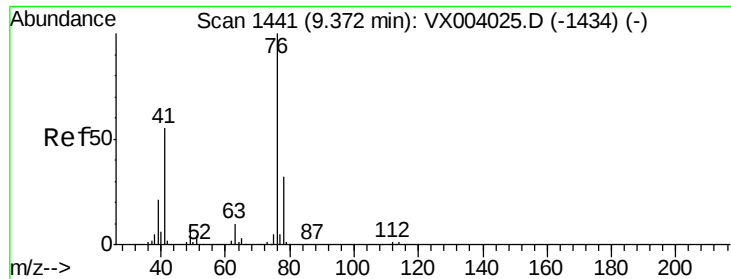
#56
 Ethyl methacrylate
 Concen: 20.002 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004048.D
 Acq: 15 Aug 2018 00:48

Tgt Ion: 69 Resp: 107430
 Ion Ratio Lower Upper
 69 100
 41 63.7 50.6 76.0
 39 34.0 25.8 38.6



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

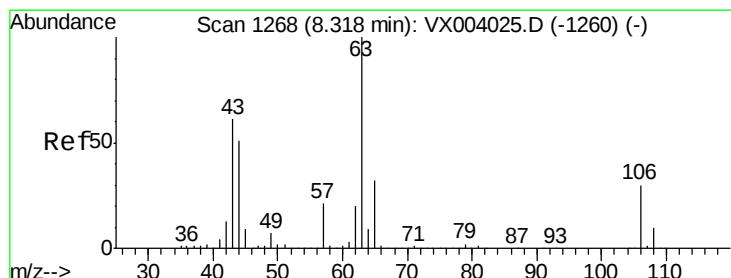
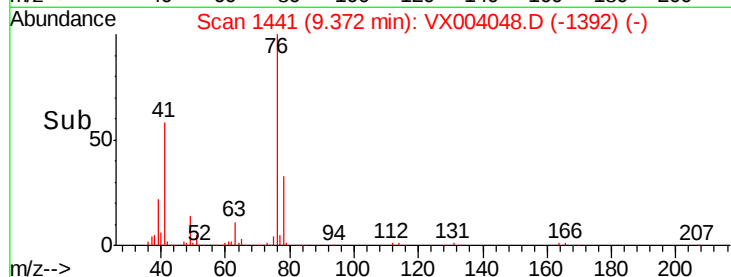
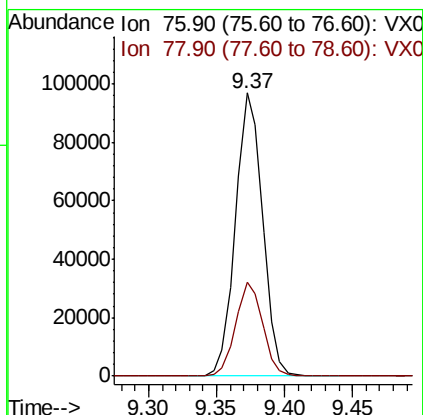
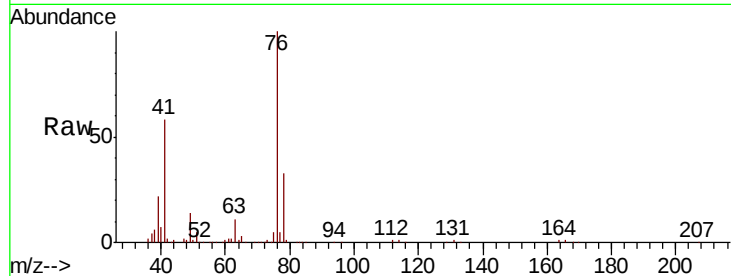




#57
 1,3-Dichloropropane
 Concen: 20.568 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VX004048.D
 Acq: 15 Aug 2018 00:48

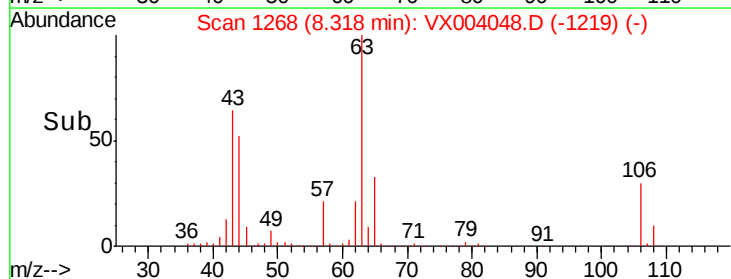
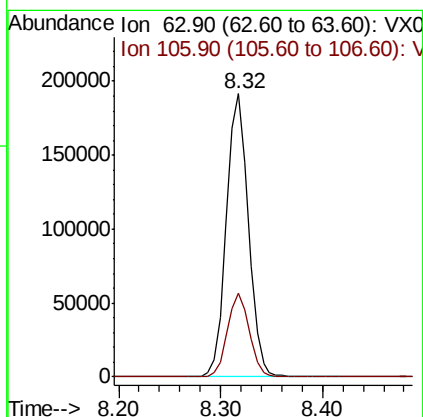
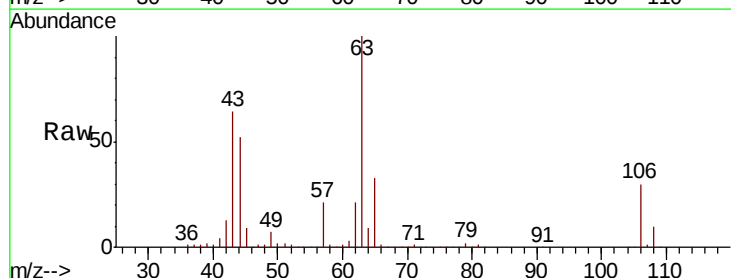
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBS02

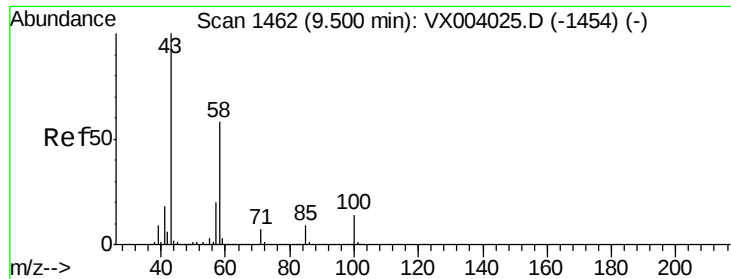
Tgt Ion: 76 Resp: 134782
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.662 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX004048.D
 Acq: 15 Aug 2018 00:48

Tgt Ion: 63 Resp: 286242
 Ion Ratio Lower Upper
 63 100
 106 29.2 23.8 35.8

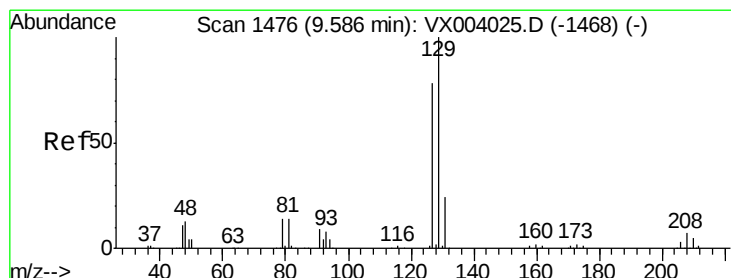
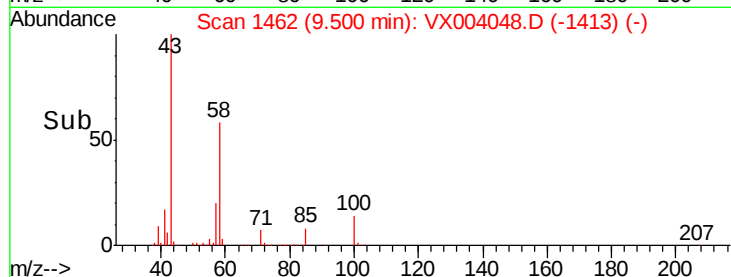
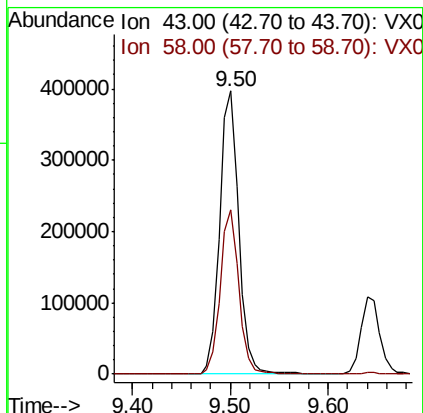
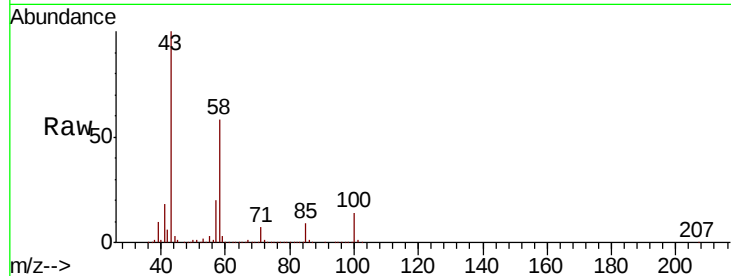




#59
2-Hexanone
Concen: 107.790 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX004048.D
Acq: 15 Aug 2018 00:48

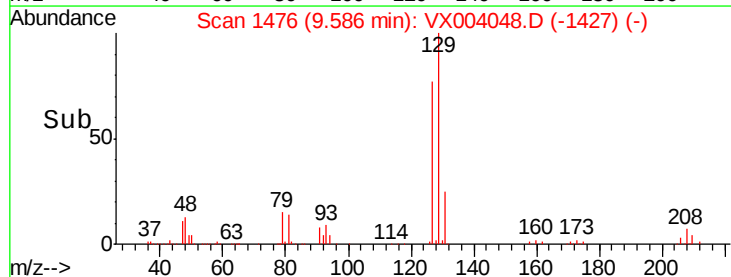
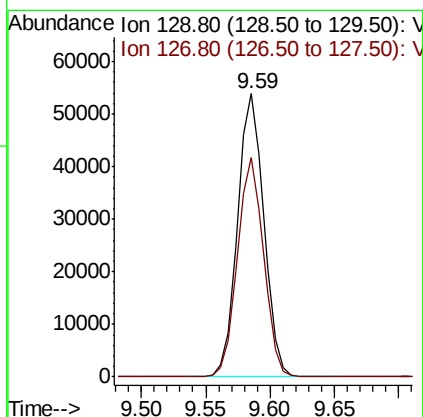
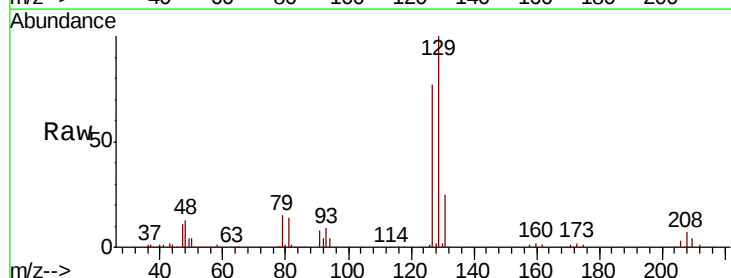
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS02

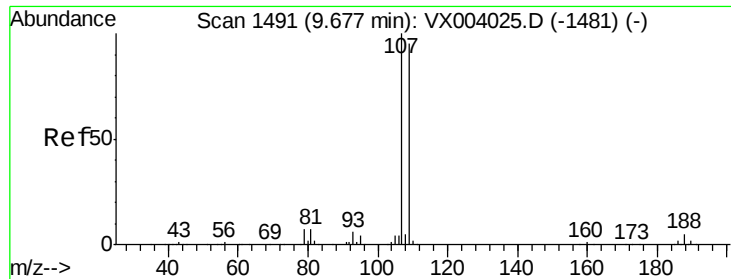
Tgt Ion: 43 Resp: 537739
Ion Ratio Lower Upper
43 100
58 56.5 29.0 87.0



#60
Dibromochloromethane
Concen: 20.065 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004048.D
Acq: 15 Aug 2018 00:48

Tgt Ion: 129 Resp: 76267
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.3





#61

1,2-Dibromoethane

Concen: 20.576 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX004048.D

Acq: 15 Aug 2018 00:48

Instrument :

MSVOA_X

ClientSampleId :

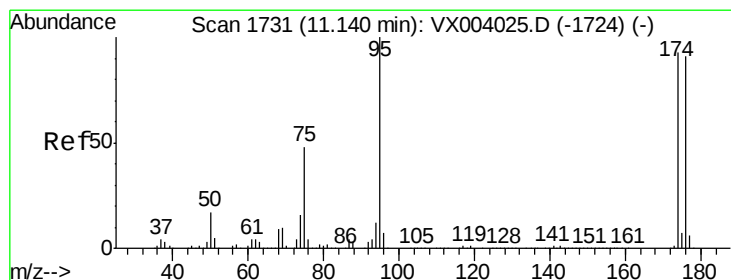
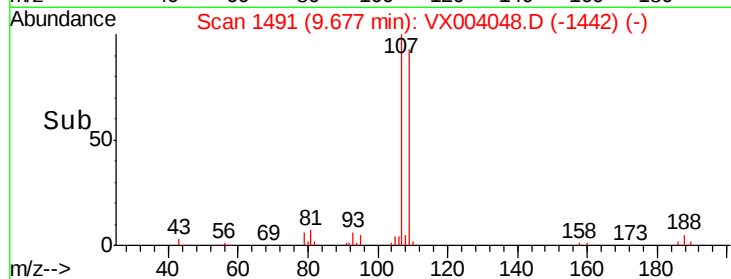
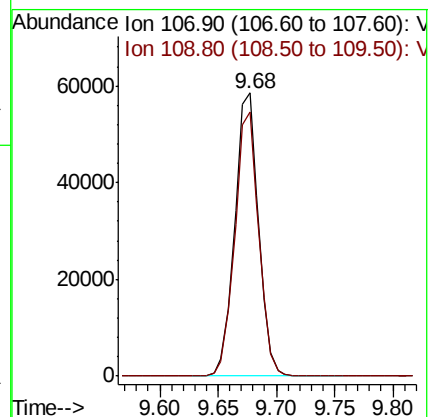
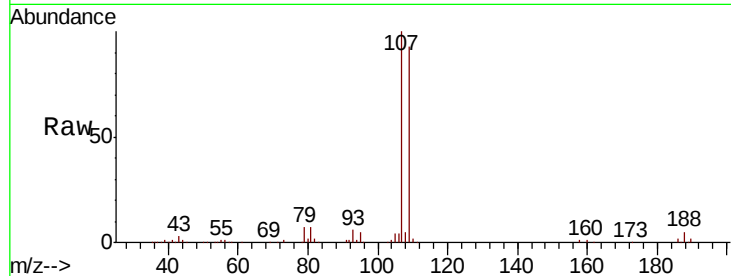
VX0814WBS02

Tgt Ion: 107 Resp: 82849

Ion Ratio Lower Upper

107 100

109 94.3 75.8 113.8



#62

4-Bromofluorobenzene

Concen: 51.127 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004048.D

Acq: 15 Aug 2018 00:48

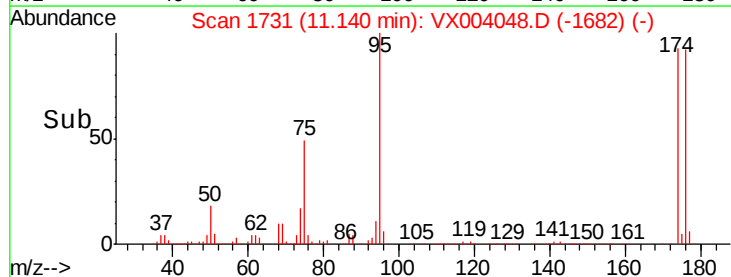
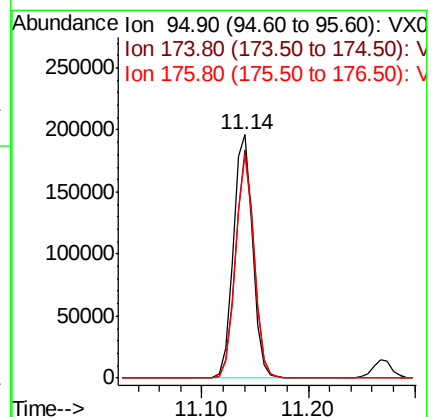
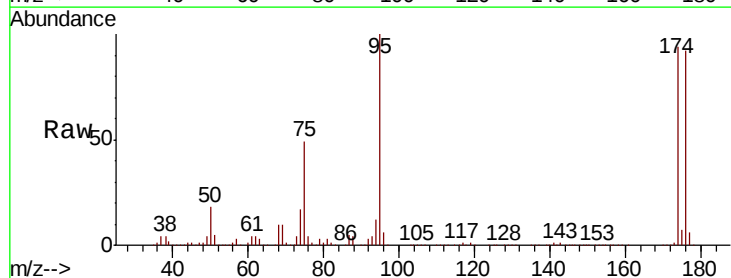
Tgt Ion: 95 Resp: 249040

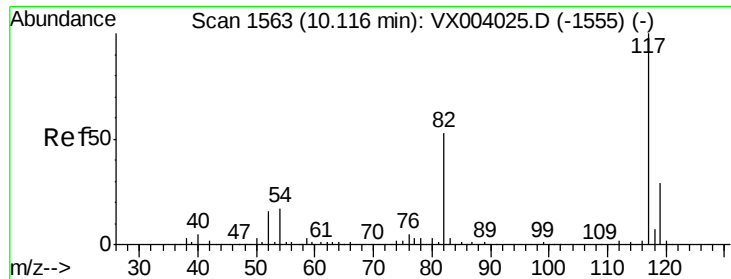
Ion Ratio Lower Upper

95 100

174 90.2 0.0 182.8

176 88.1 0.0 179.0

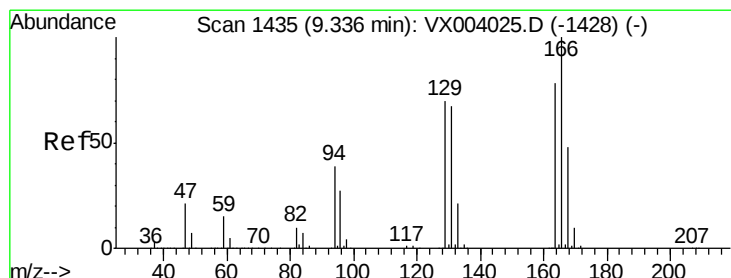
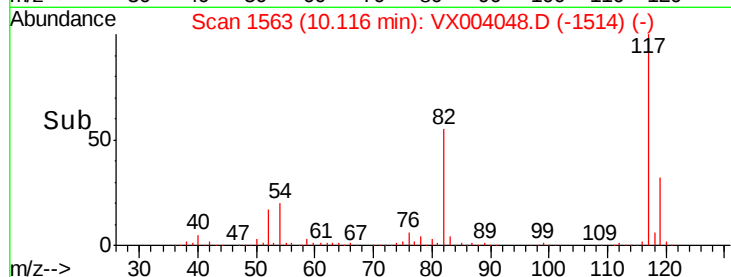
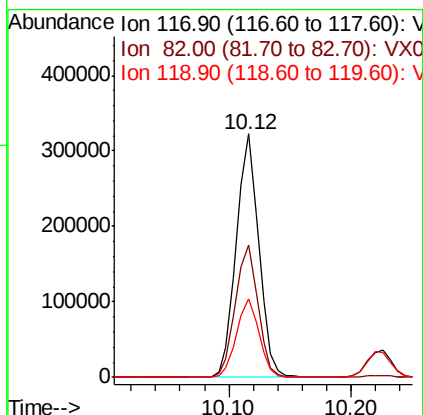
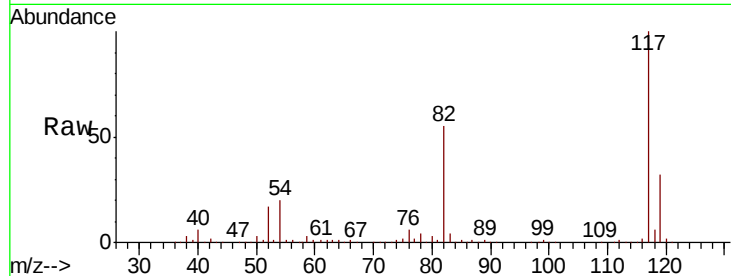




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004048.D
Acq: 15 Aug 2018 00:48

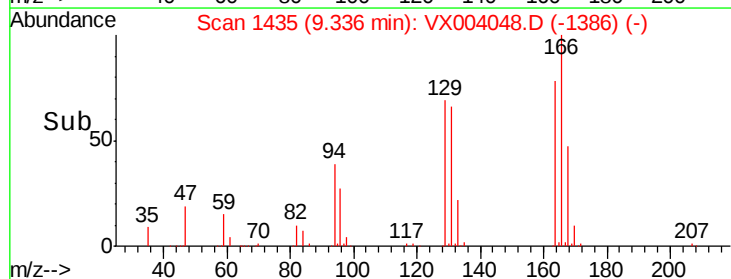
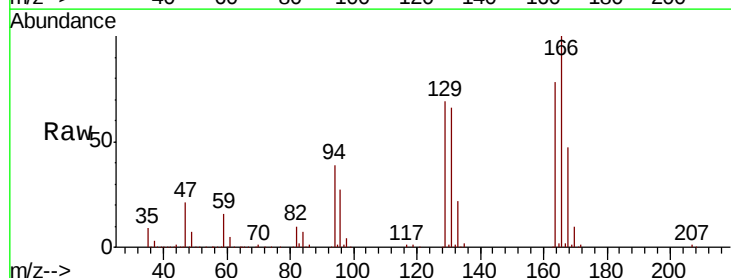
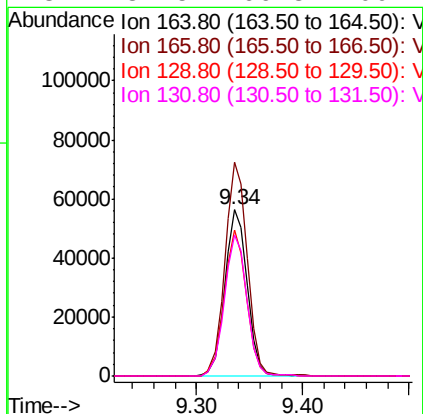
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS02

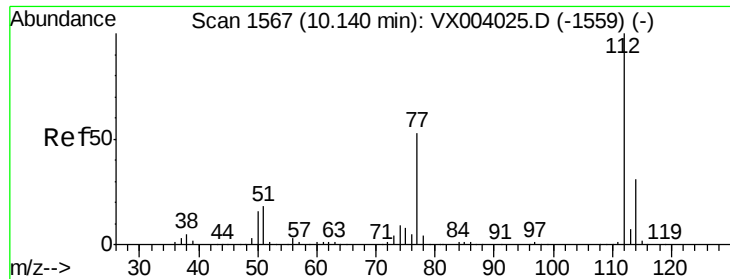
Tgt Ion:117 Resp: 411300
Ion Ratio Lower Upper
117 100
82 54.6 45.4 68.0
119 32.2 26.6 40.0



#64
Tetrachloroethene
Concen: 21.221 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004048.D
Acq: 15 Aug 2018 00:48

Tgt Ion:164 Resp: 82726
Ion Ratio Lower Upper
164 100
166 128.6 98.0 147.0
129 88.1 64.3 96.5
131 84.5 66.8 100.2

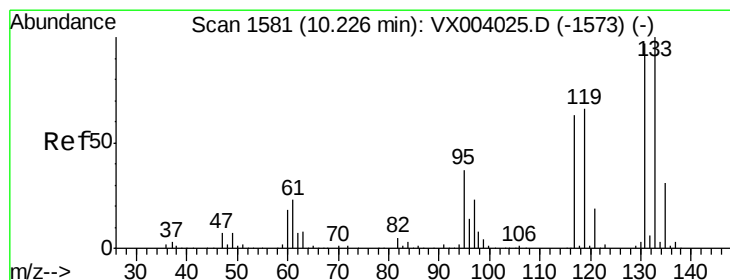
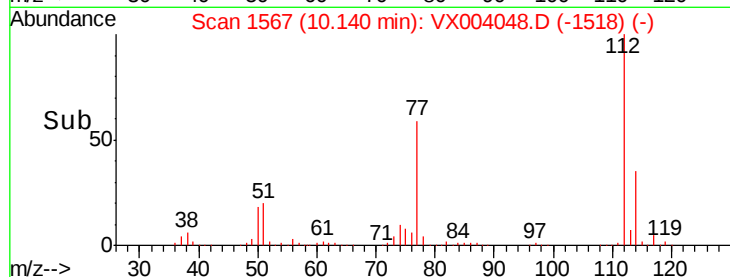
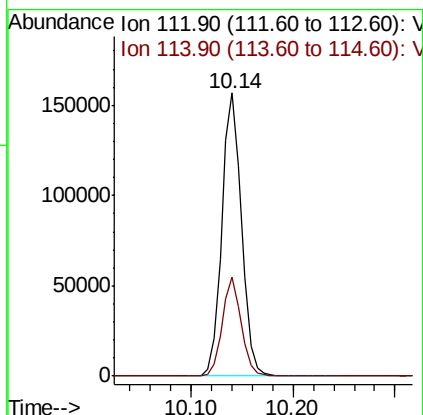
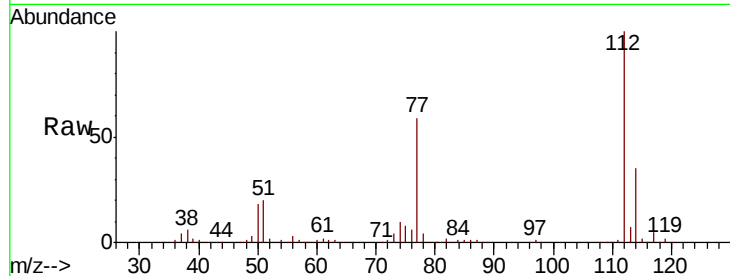




#65
Chlorobenzene
Concen: 19.794 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004048.D
Acq: 15 Aug 2018 00:48

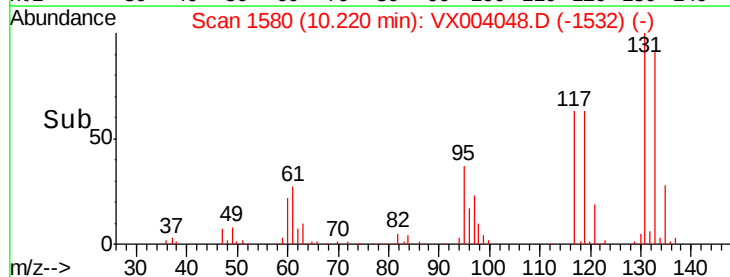
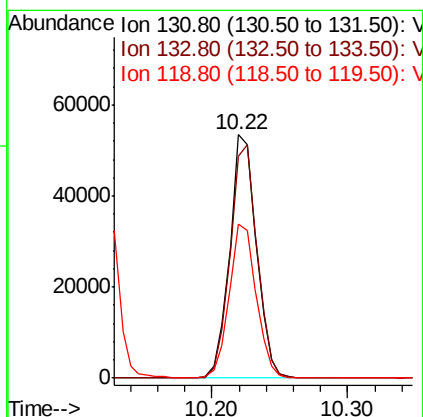
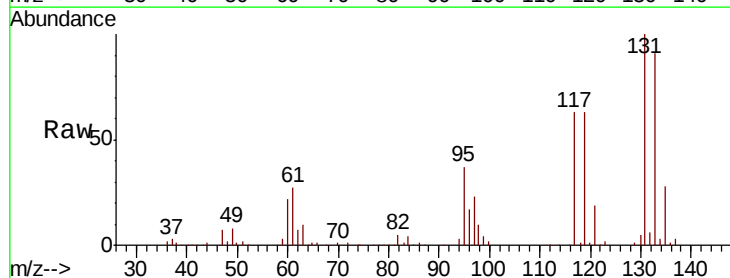
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS02

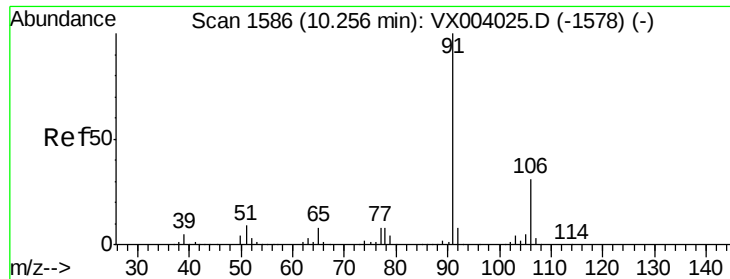
Tgt Ion:112 Resp: 210295
Ion Ratio Lower Upper
112 100
114 35.2 23.6 35.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.122 ug/l
RT: 10.22 min Scan# 1580
Delta R.T. -0.01 min
Lab File: VX004048.D
Acq: 15 Aug 2018 00:48

Tgt Ion:131 Resp: 72914
Ion Ratio Lower Upper
131 100
133 97.0 47.3 141.8
119 64.0 31.6 94.8





#67

Ethyl Benzene

Concen: 20.678 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX004048.D

Acq: 15 Aug 2018 00:48

Instrument :

MSVOA_X

ClientSampleId :

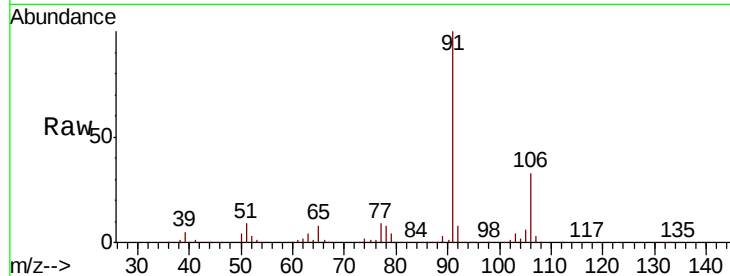
VX0814WBS02

Tgt Ion: 91 Resp: 347888

Ion Ratio Lower Upper

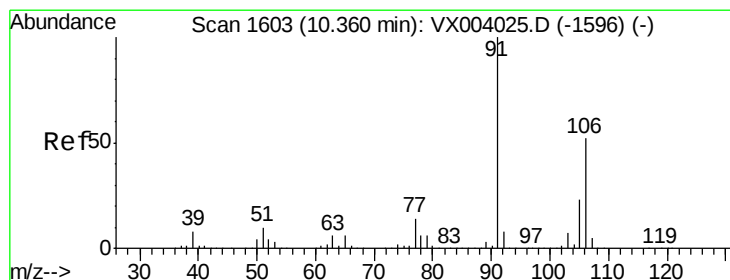
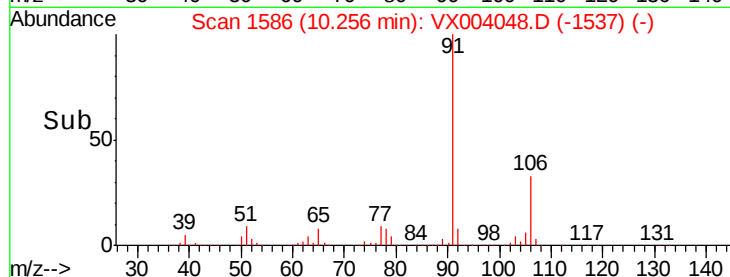
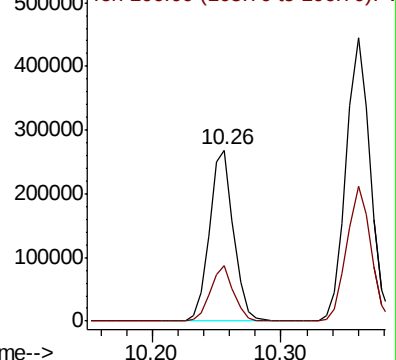
91 100

106 32.9 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 41.262 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX004048.D

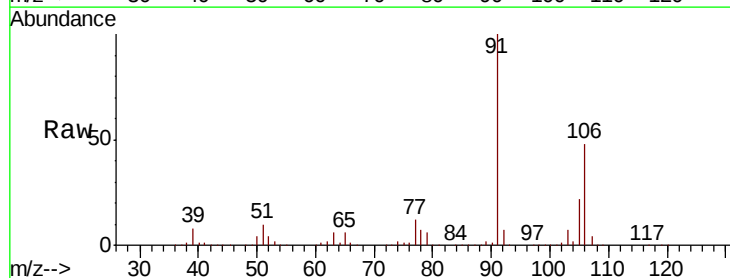
Acq: 15 Aug 2018 00:48

Tgt Ion: 106 Resp: 271836

Ion Ratio Lower Upper

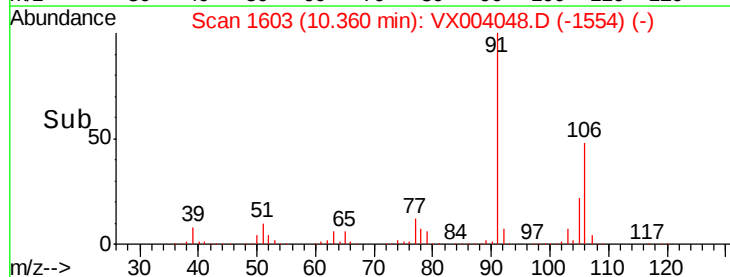
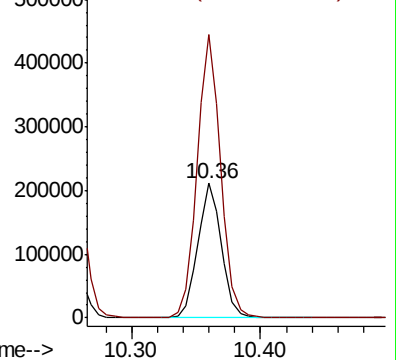
106 100

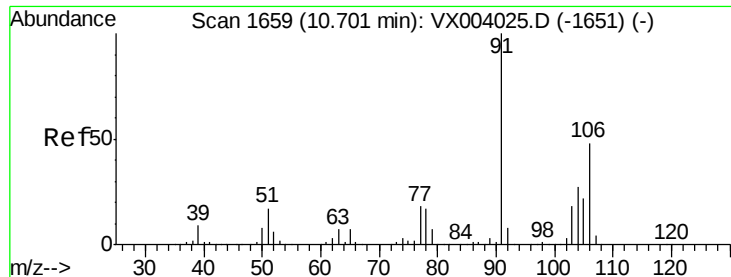
91 210.2 162.3 243.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

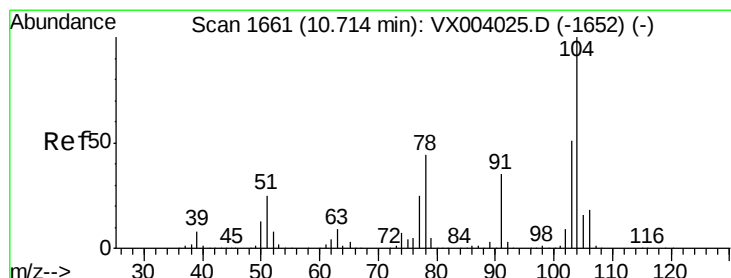
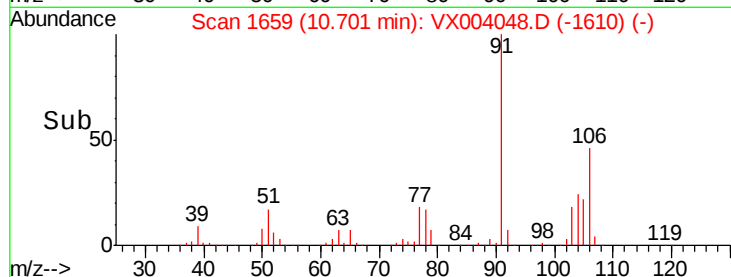
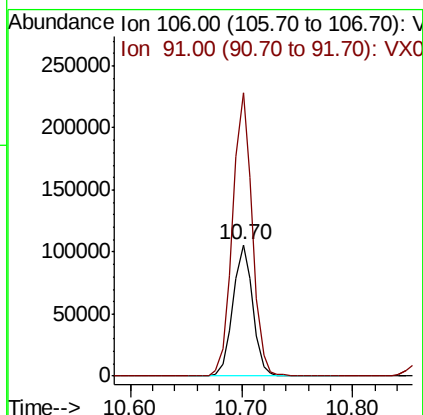
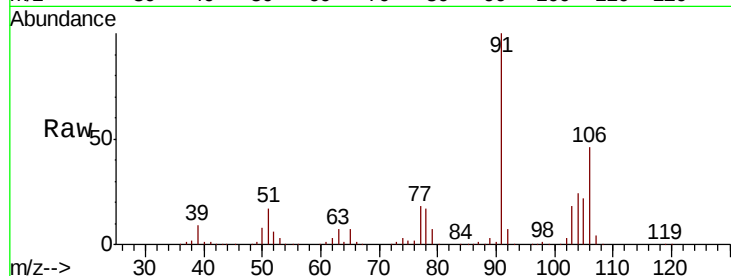




#69
o-Xylene
Concen: 20.703 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004048.D
Acq: 15 Aug 2018 00:48

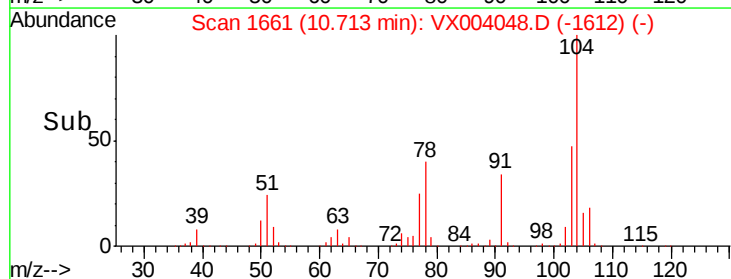
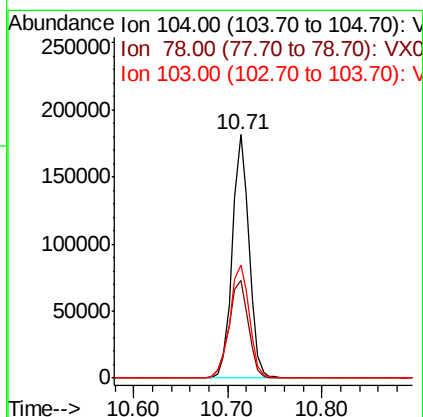
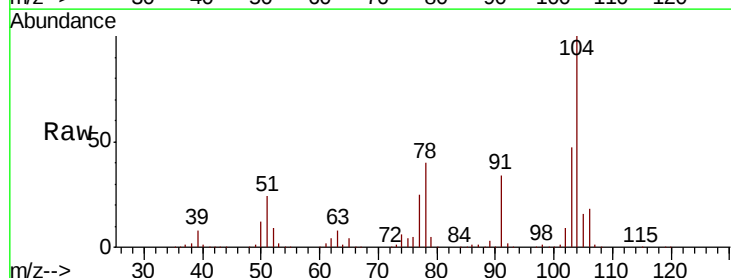
Instrument :
MSVOA_X
ClientSampled :
VX0814WBS02

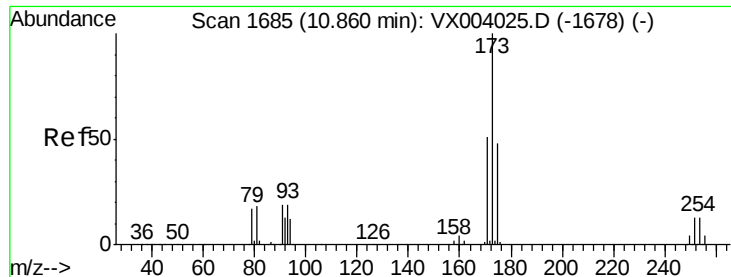
Tgt Ion:106 Resp: 130348
Ion Ratio Lower Upper
106 100
91 213.9 101.9 305.7



#70
Styrene
Concen: 21.248 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004048.D
Acq: 15 Aug 2018 00:48

Tgt Ion:104 Resp: 225150
Ion Ratio Lower Upper
104 100
78 46.7 39.8 59.6
103 53.9 44.3 66.5

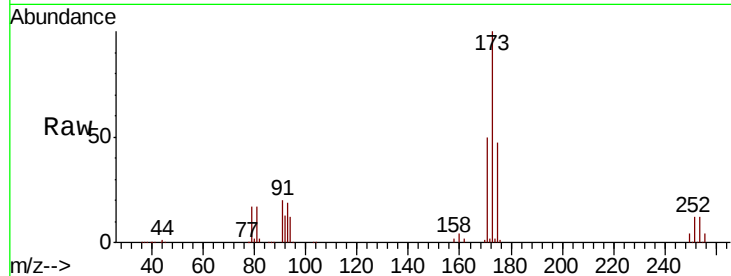




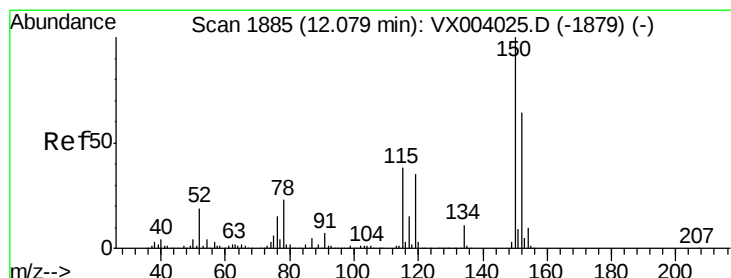
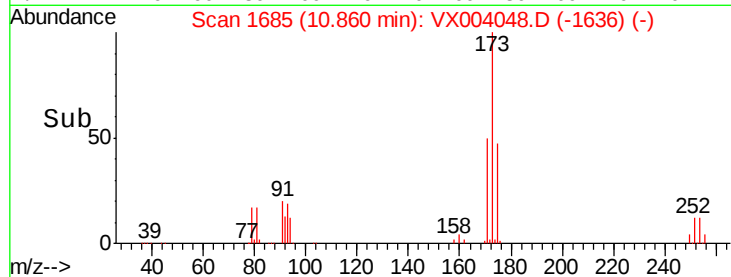
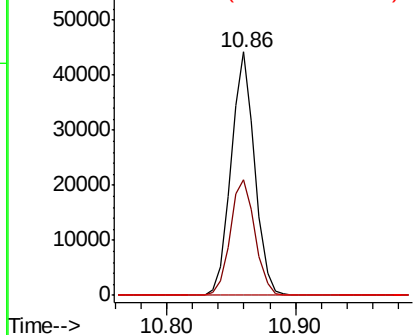
#71
Bromoform
Concen: 19.660 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX004048.D
Acq: 15 Aug 2018 00:48

Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS02

Tgt Ion:173 Resp: 56492
Ion Ratio Lower Upper
173 100
175 49.7 24.9 74.7
254 0.2 0.2 0.2

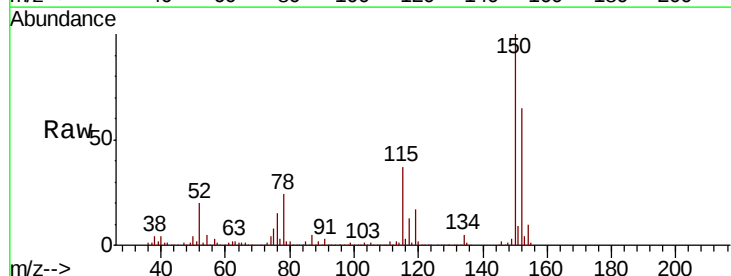


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

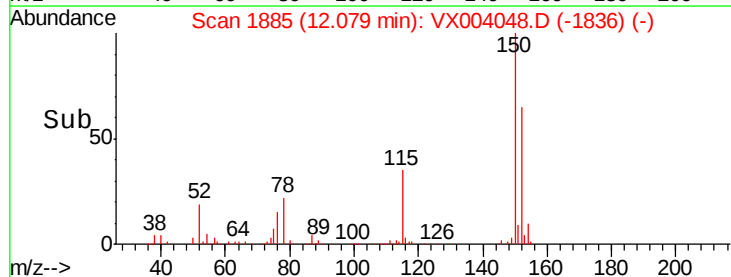
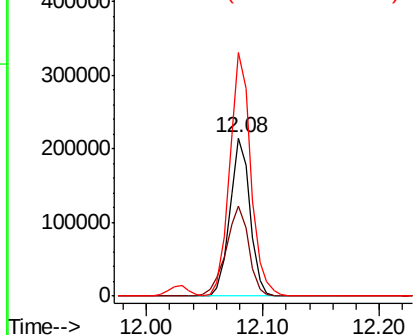


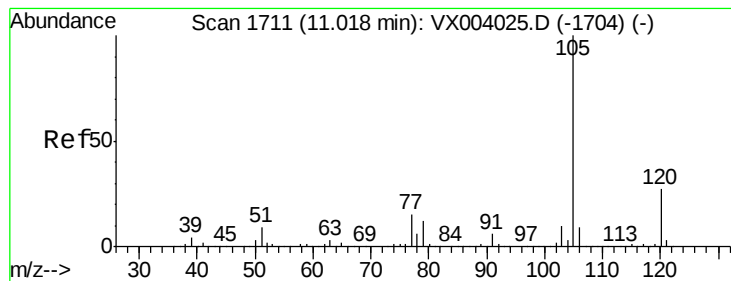
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004048.D
Acq: 15 Aug 2018 00:48

Tgt Ion:152 Resp: 257037
Ion Ratio Lower Upper
152 100
115 64.3 39.1 117.3
150 162.0 0.0 349.2



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





#73

Isopropylbenzene

Concen: 20.981 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004048.D

Acq: 15 Aug 2018 00:48

Instrument :

MSVOA_X

ClientSampleId :

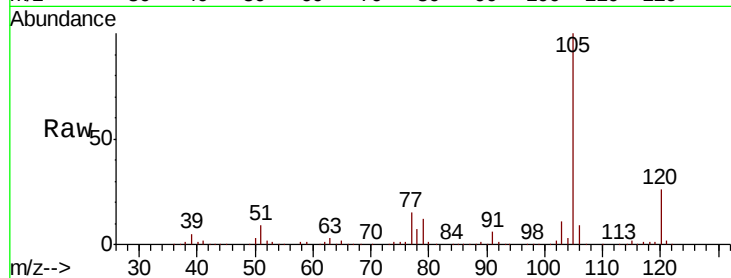
VX0814WBS02

Tgt Ion: 105 Resp: 364953

Ion Ratio Lower Upper

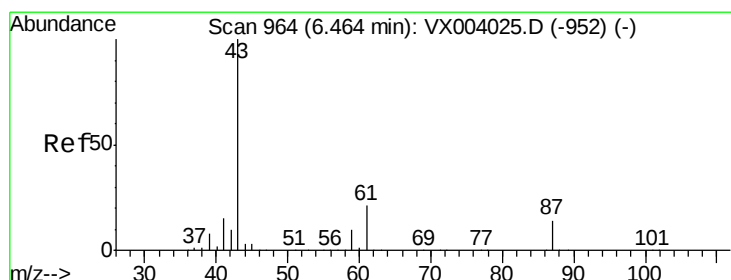
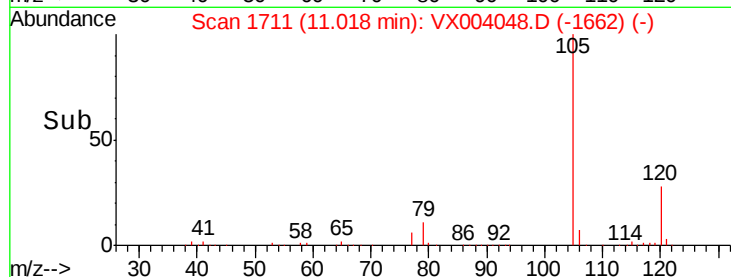
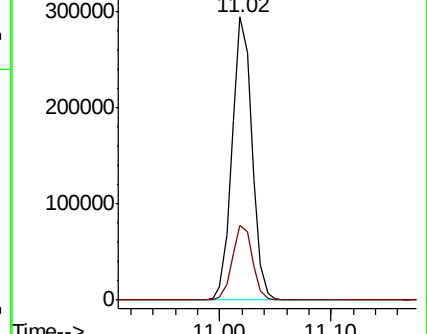
105 100

120 26.9 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.769 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004048.D

Acq: 15 Aug 2018 00:48

Tgt Ion: 43 Resp: 161738

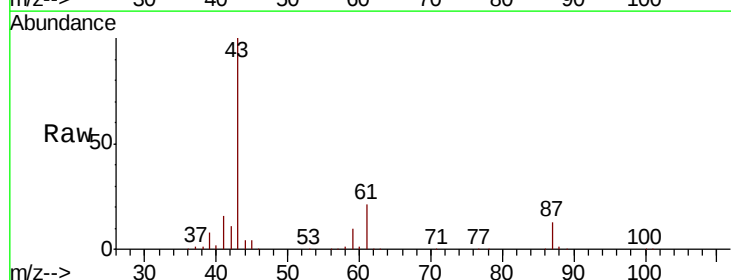
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 20.8 16.9 25.3

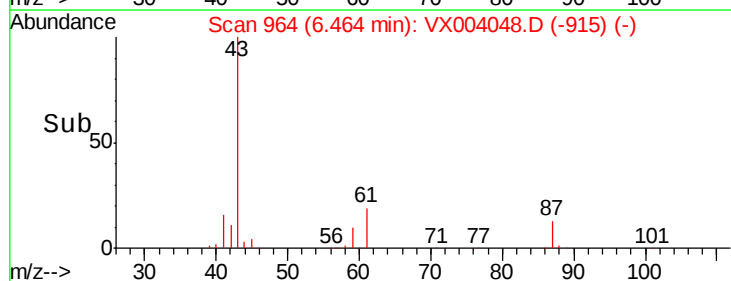
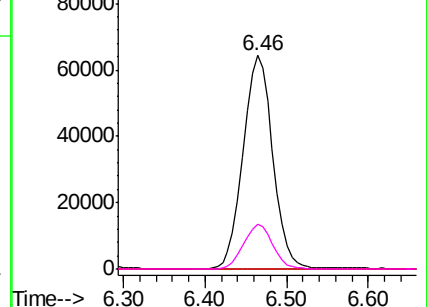


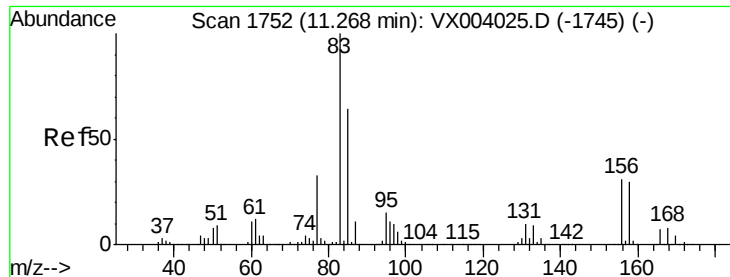
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.446 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004048.D

Acq: 15 Aug 2018 00:48

Instrument :

MSVOA_X

ClientSampled :

VX0814WBS02

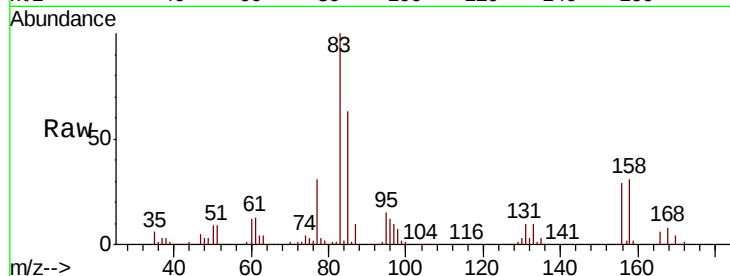
Tgt Ion: 83 Resp: 124196

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

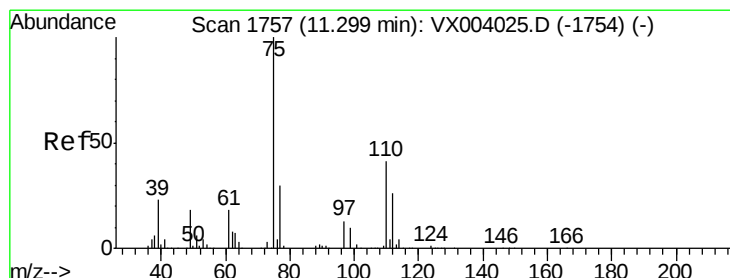
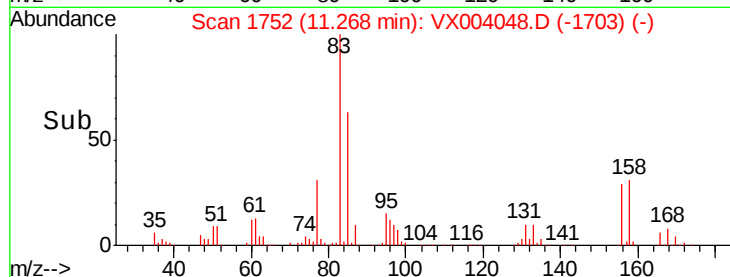
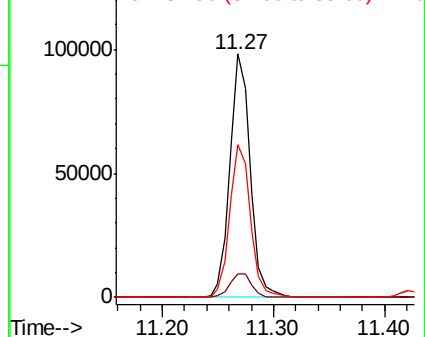
85 64.1 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.630 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX004048.D

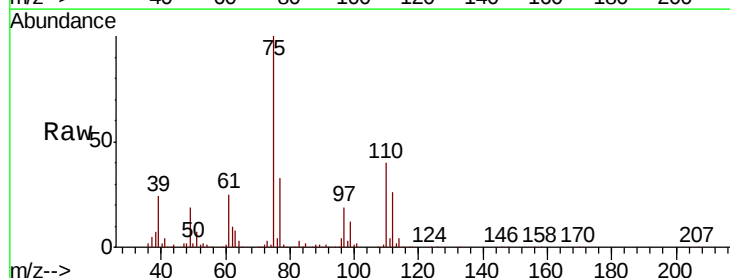
Acq: 15 Aug 2018 00:48

Tgt Ion: 75 Resp: 132113

Ion Ratio Lower Upper

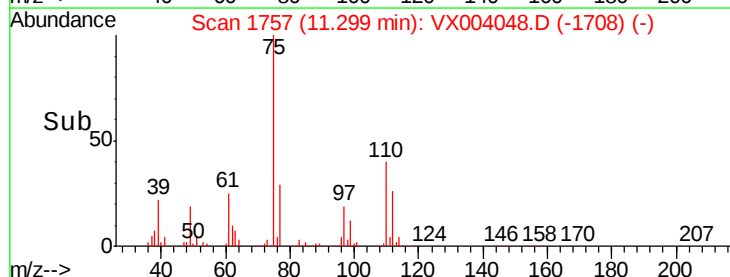
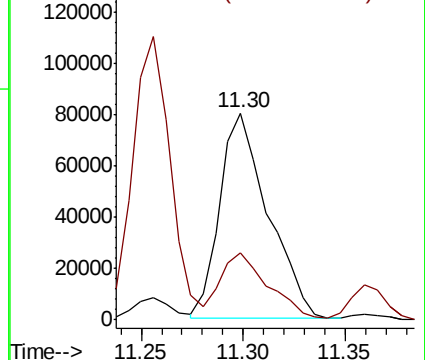
75 100

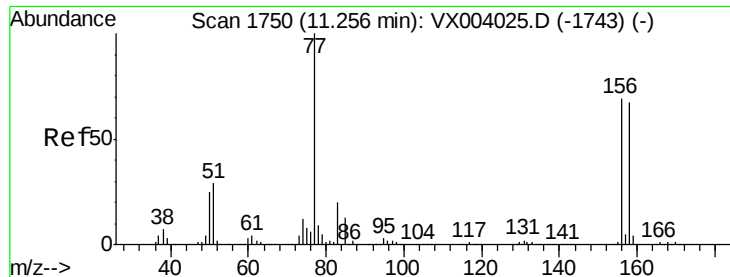
77 32.5 20.8 62.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.152 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004048.D

Acq: 15 Aug 2018 00:48

Instrument :

MSVOA_X

ClientSampled :

VX0814WBS02

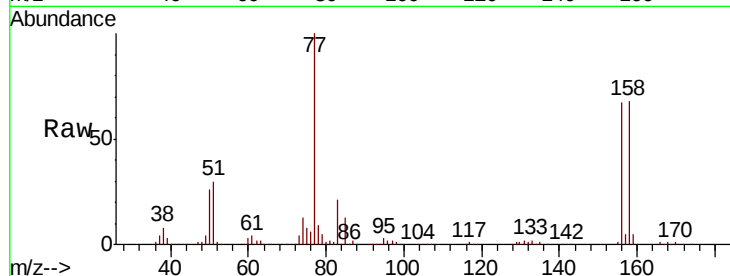
Tgt Ion:156 Resp: 96629

Ion Ratio Lower Upper

156 100

77 147.8 74.1 222.2

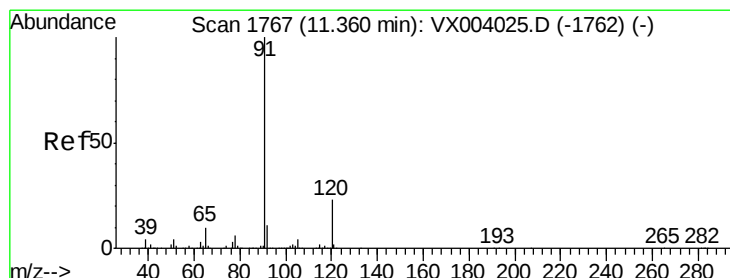
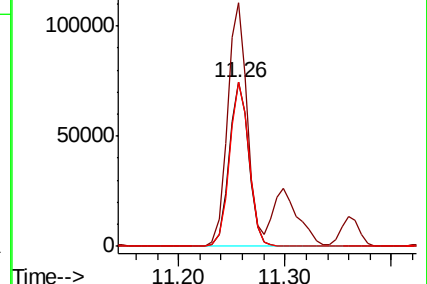
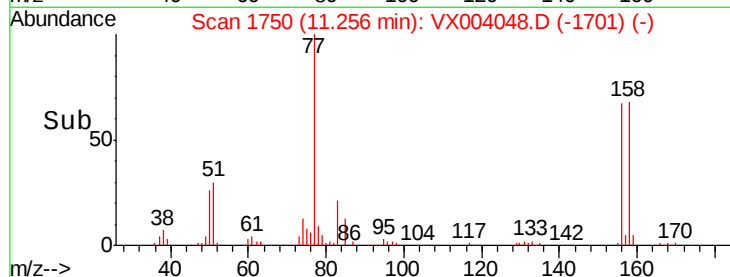
158 98.8 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.392 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004048.D

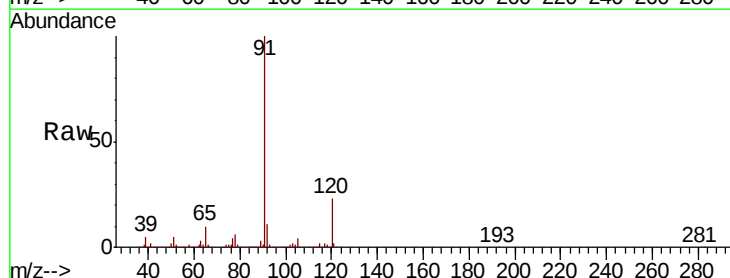
Acq: 15 Aug 2018 00:48

Tgt Ion: 91 Resp: 416415

Ion Ratio Lower Upper

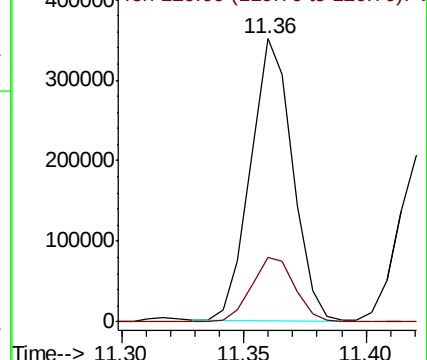
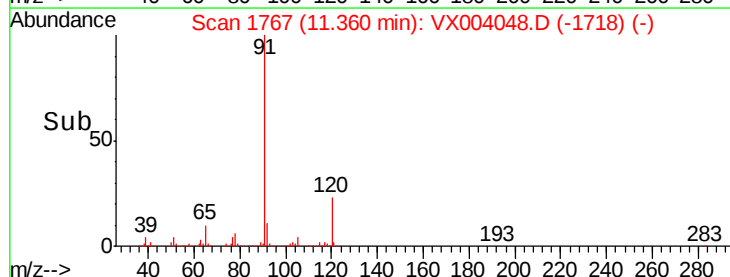
91 100

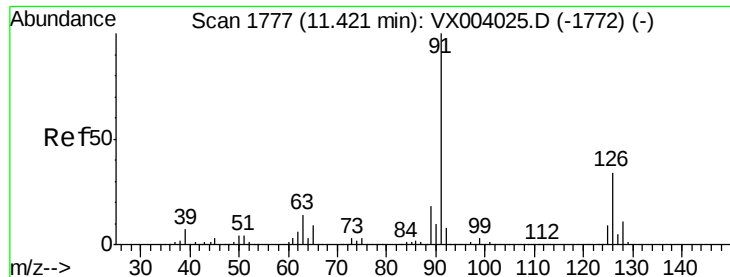
120 23.6 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

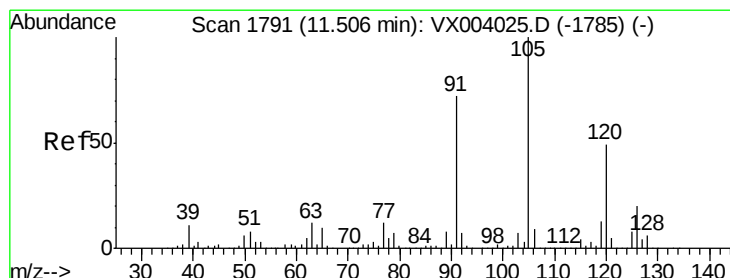
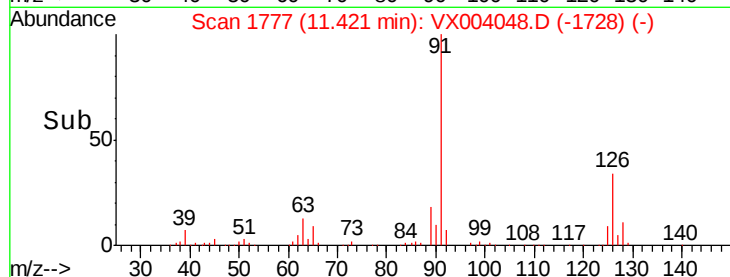
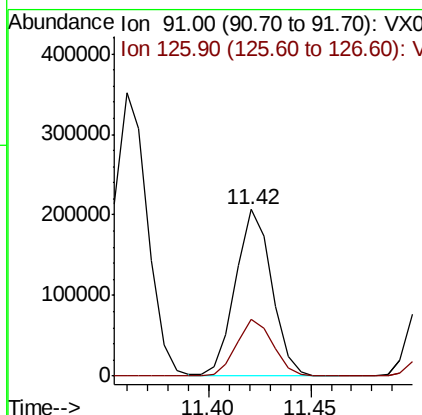
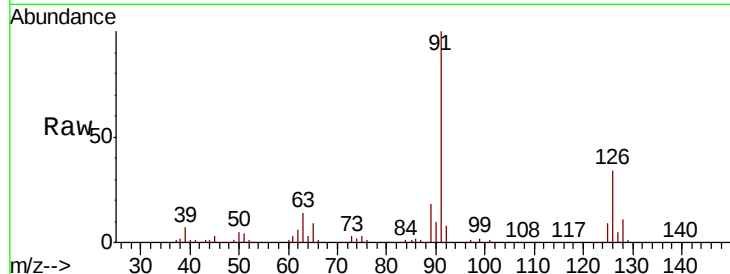




#79
 2-Chlorotoluene
 Concen: 21.315 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: VX004048.D
 Acq: 15 Aug 2018 00:48

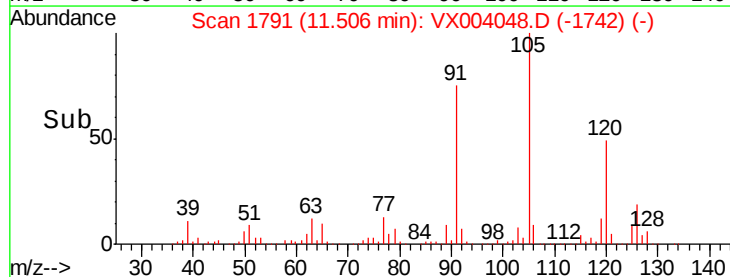
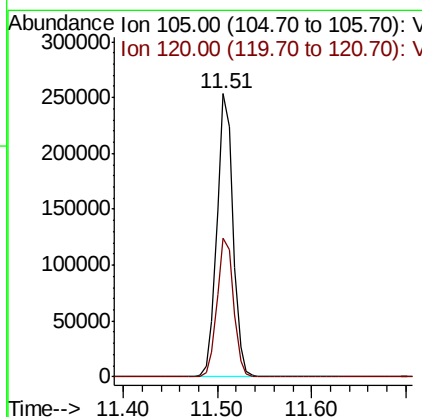
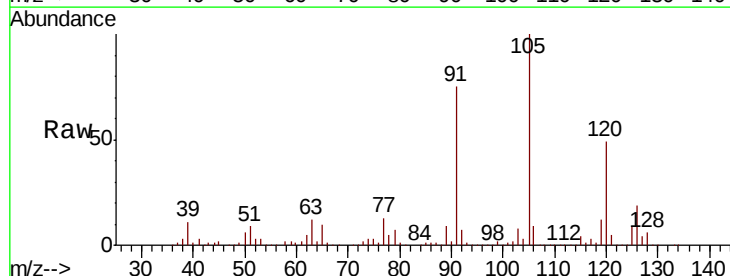
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBS02

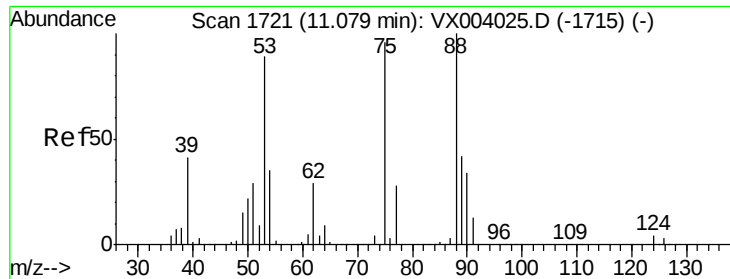
Tgt Ion: 91 Resp: 252859
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 21.091 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004048.D
 Acq: 15 Aug 2018 00:48

Tgt Ion: 105 Resp: 300397
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.4 76.2





#81

trans-1,4-Dichloro-2-butene

Concen: 17.514 ug/l

RT: 11.07 min Scan# 1720

Delta R.T. -0.01 min

Lab File: VX004048.D

Acq: 15 Aug 2018 00:48

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBS02

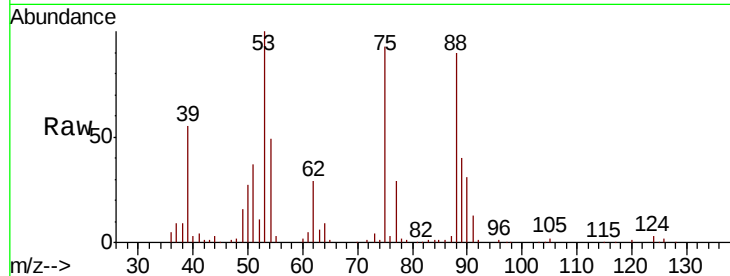
Tgt Ion: 75 Resp: 29164

Ion Ratio Lower Upper

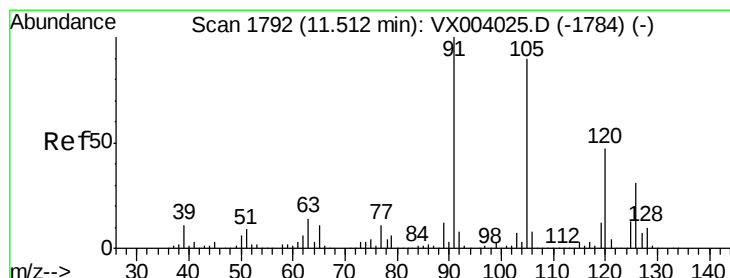
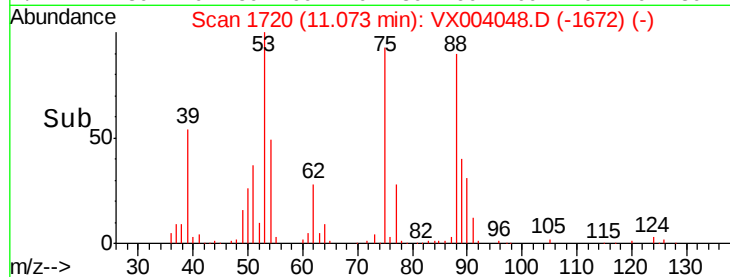
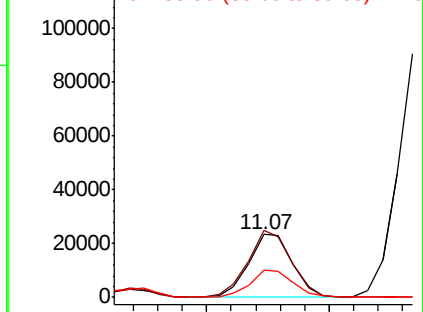
75 100

53 104.9 80.3 120.5

89 43.3 37.8 56.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.275 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004048.D

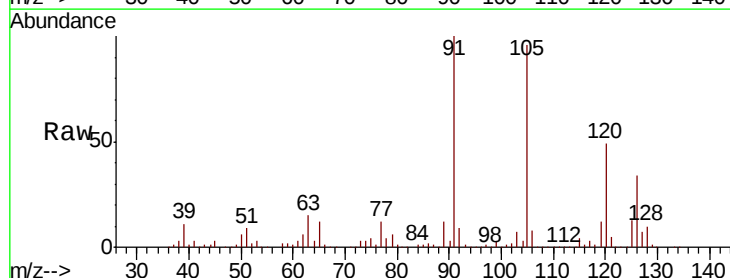
Acq: 15 Aug 2018 00:48

Tgt Ion: 91 Resp: 284314

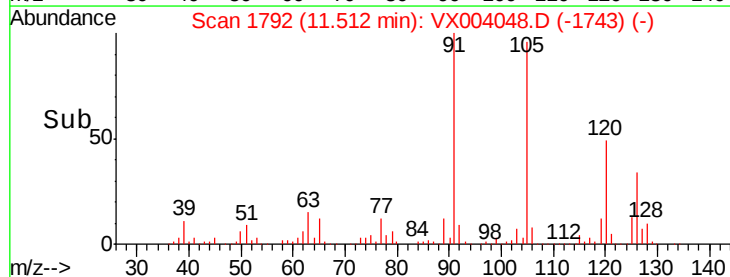
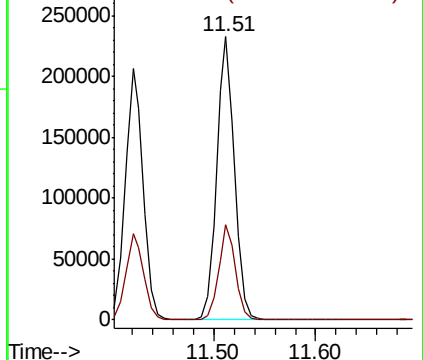
Ion Ratio Lower Upper

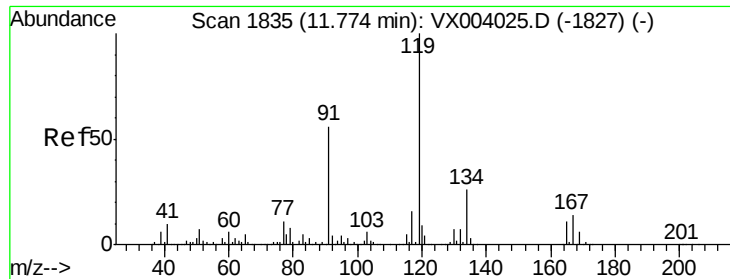
91 100

126 31.7 15.6 46.7



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

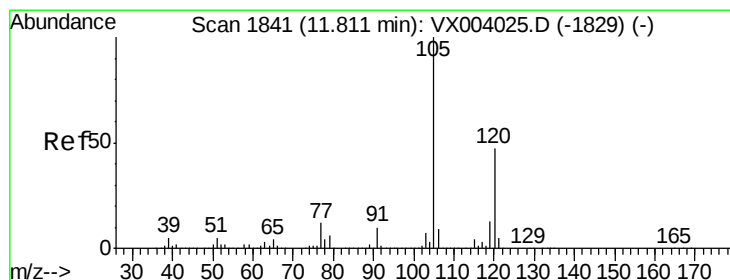
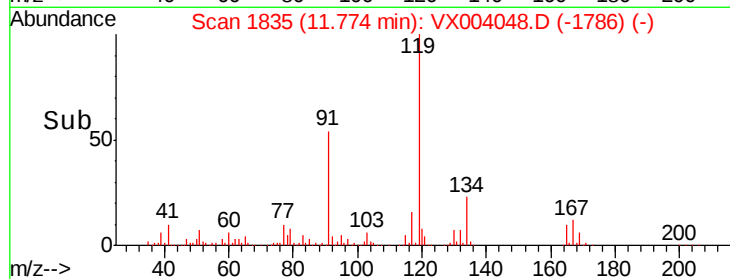
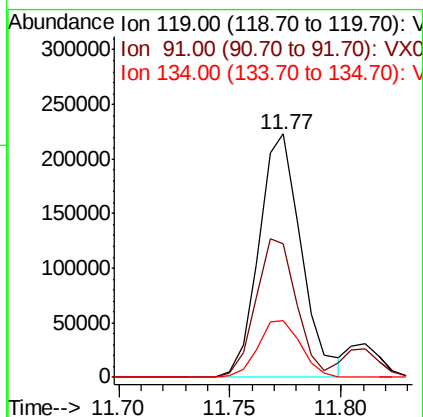
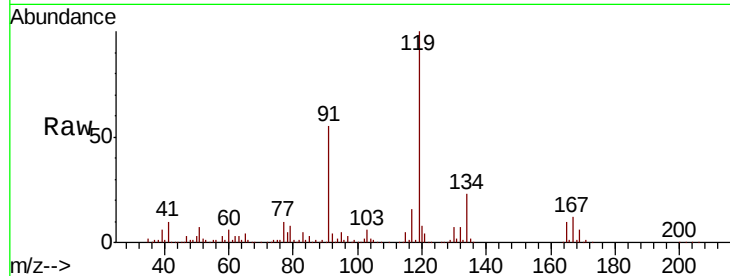




#83
 tert-Butylbenzene
 Concen: 20.579 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004048.D
 Acq: 15 Aug 2018 00:48

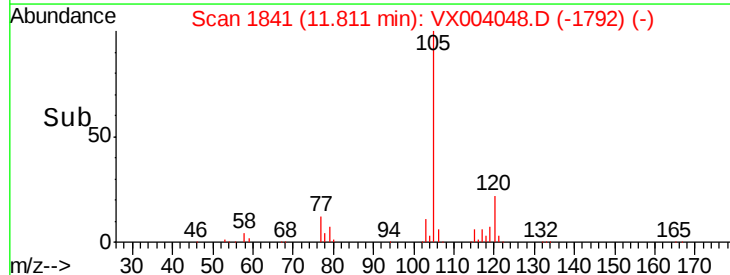
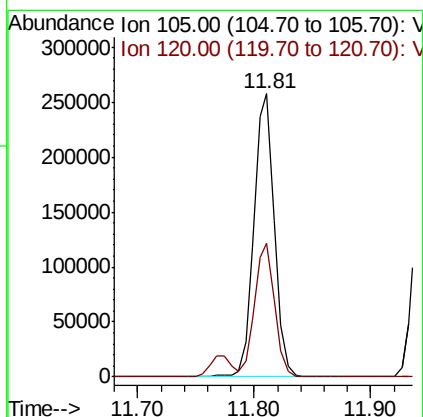
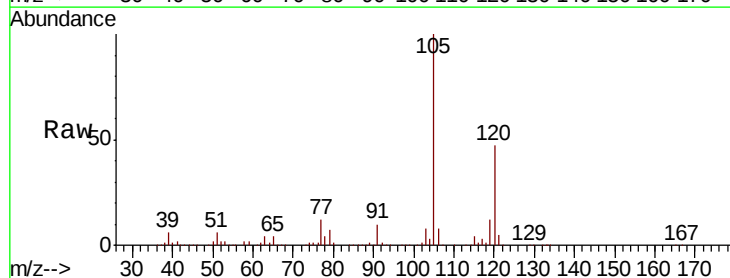
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBS02

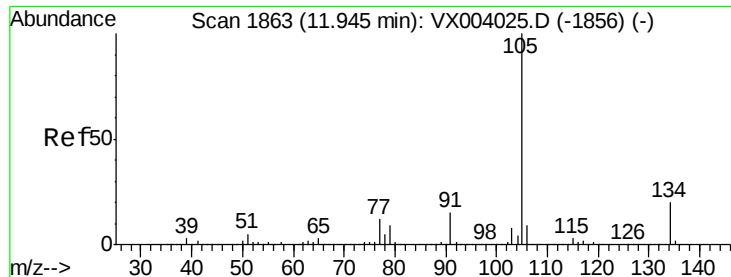
Tgt Ion:119 Resp: 295523
 Ion Ratio Lower Upper
 119 100
 91 54.6 26.9 80.7
 134 23.6 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 21.270 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004048.D
 Acq: 15 Aug 2018 00:48

Tgt Ion:105 Resp: 313765
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.1 69.2





#85

sec-Butylbenzene

Concen: 20.809 ug/l

RT: 11.94 min Scan# 1863

Delta R.T. -0.00 min

Lab File: VX004048.D

Acq: 15 Aug 2018 00:48

Instrument :

MSVOA_X

ClientSampleId :

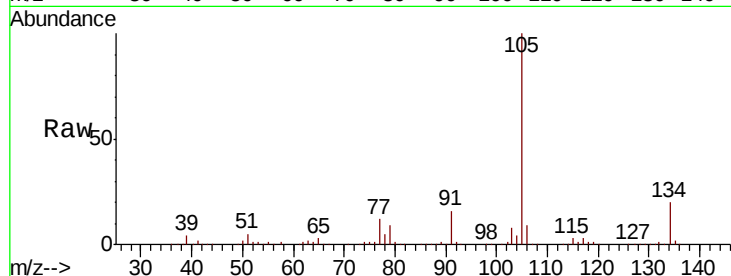
VX0814WBS02

Tgt Ion:105 Resp: 349750

Ion Ratio Lower Upper

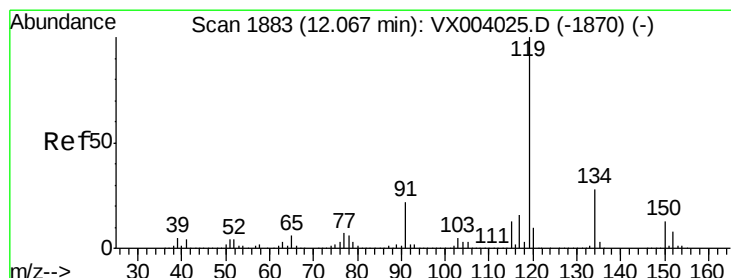
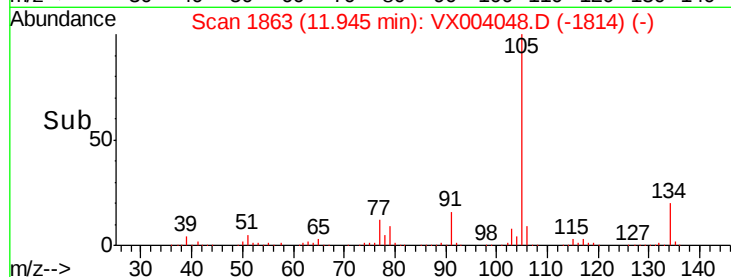
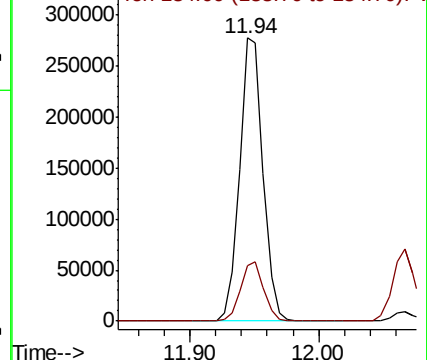
105 100

134 20.7 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.758 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX004048.D

Acq: 15 Aug 2018 00:48

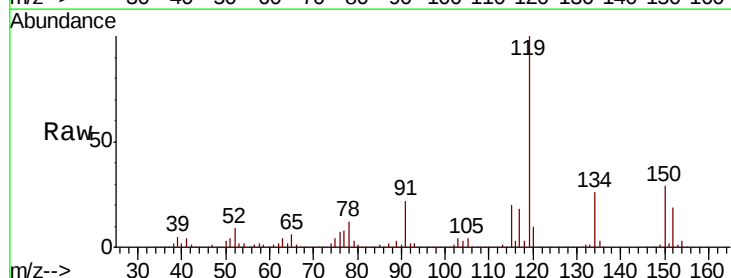
Tgt Ion:119 Resp: 315850

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

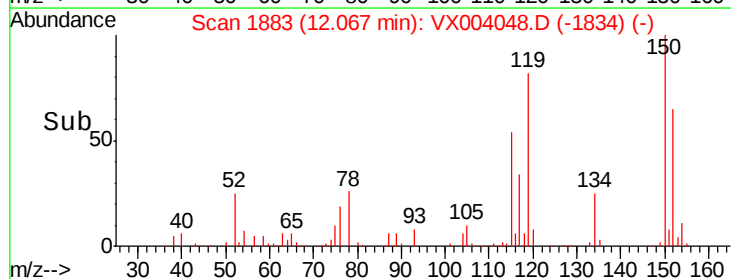
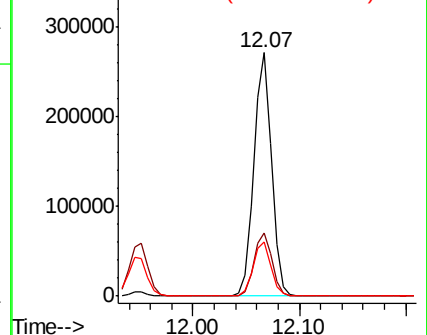
91 22.5 10.9 32.7

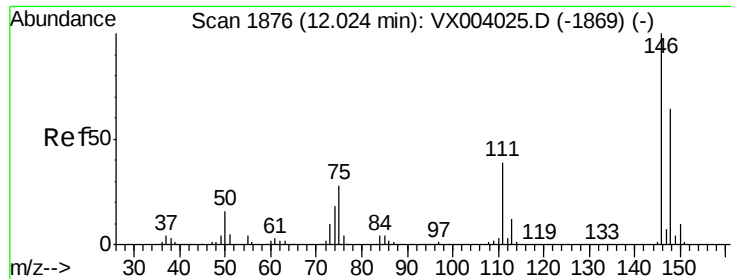


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

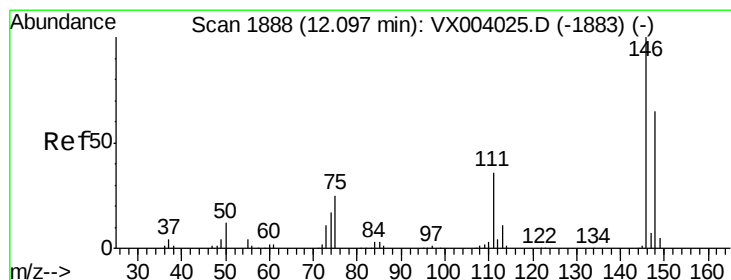
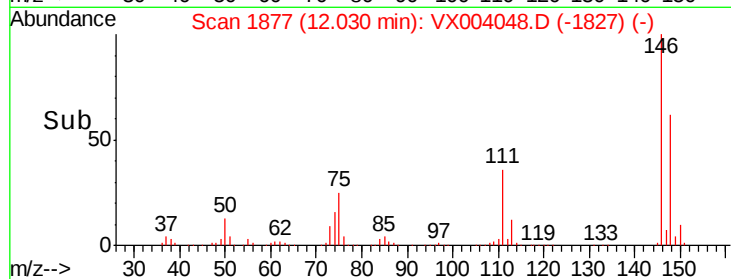
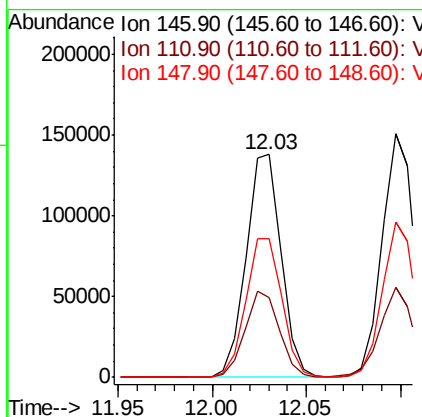
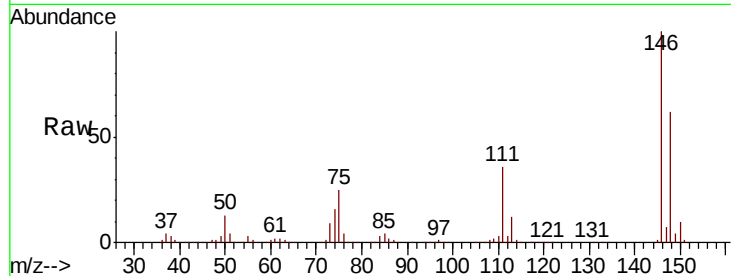




#87
 1,3-Dichlorobenzene
 Concen: 19.513 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.01 min
 Lab File: VX004048.D
 Acq: 15 Aug 2018 00:48

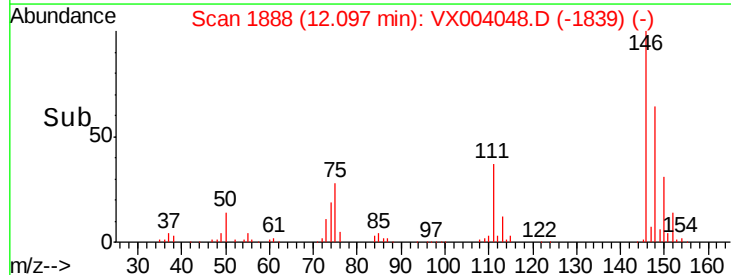
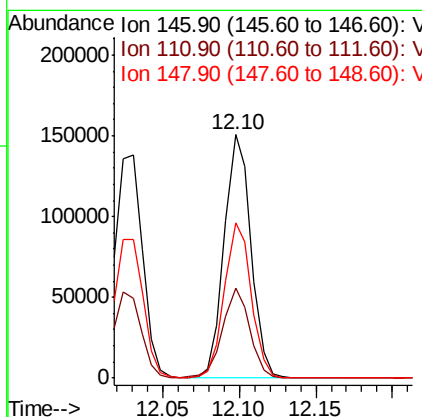
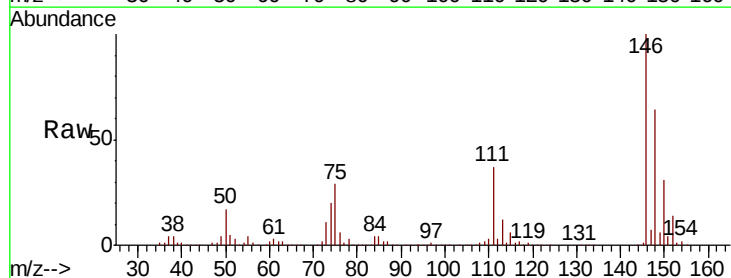
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBS02

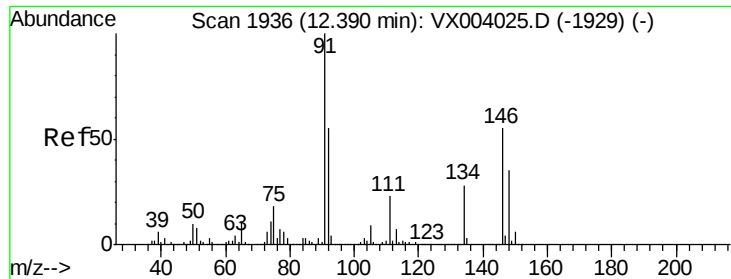
Tgt Ion:146 Resp: 178447
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.8 56.4
 148 63.9 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 19.348 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004048.D
 Acq: 15 Aug 2018 00:48

Tgt Ion:146 Resp: 182108
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.4 55.0
 148 64.4 32.3 96.8





#89

n-Butylbenzene

Concen: 19.939 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX004048.D

Acq: 15 Aug 2018 00:48

Instrument :

MSVOA_X

ClientSampled :

VX0814WBS02

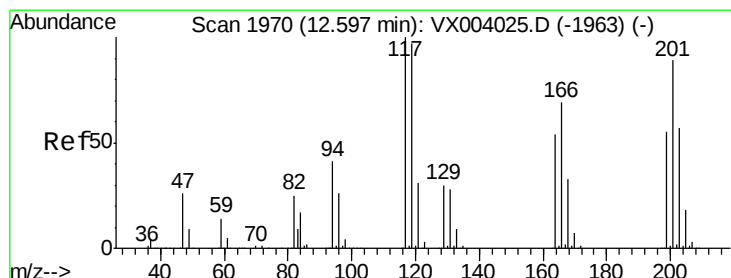
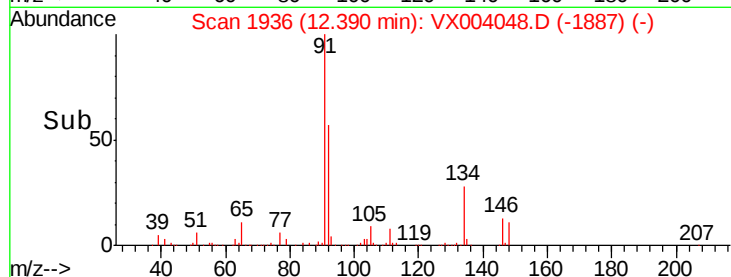
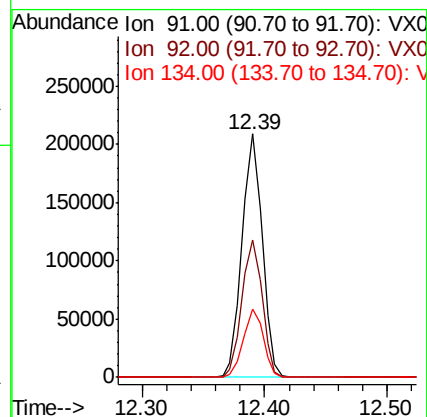
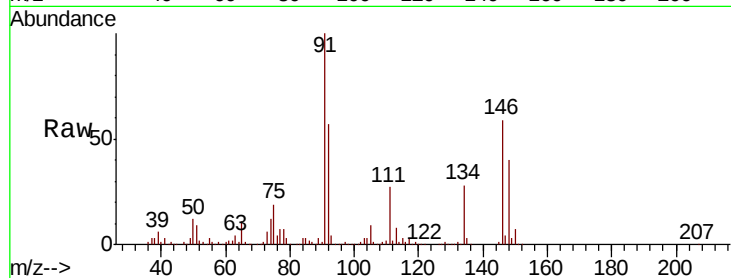
Tgt Ion: 91 Resp: 239059

Ion Ratio Lower Upper

91 100

92 56.6 27.1 81.3

134 27.9 13.6 40.7



#90

Hexachloroethane

Concen: 18.433 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX004048.D

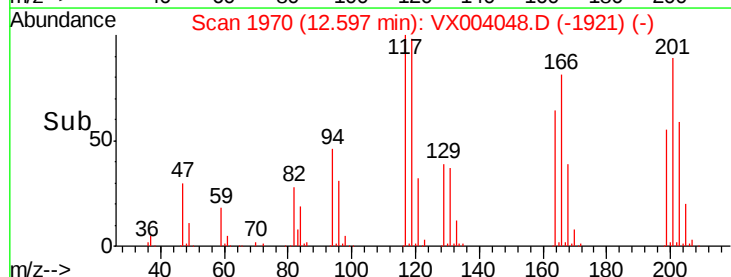
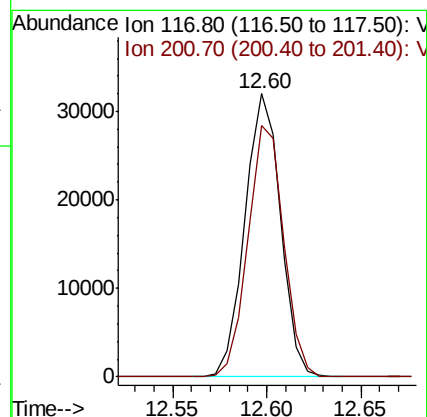
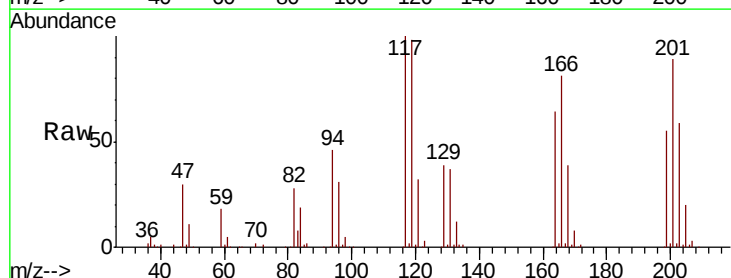
Acq: 15 Aug 2018 00:48

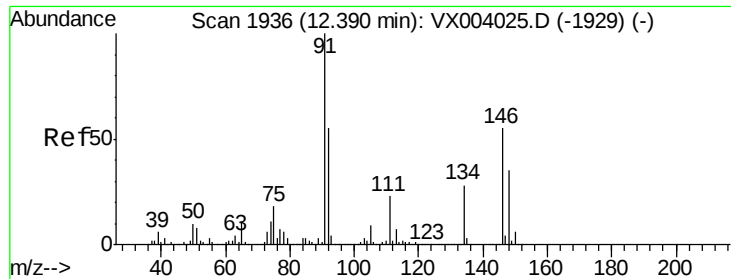
Tgt Ion: 117 Resp: 41965

Ion Ratio Lower Upper

117 100

201 89.1 46.1 138.2

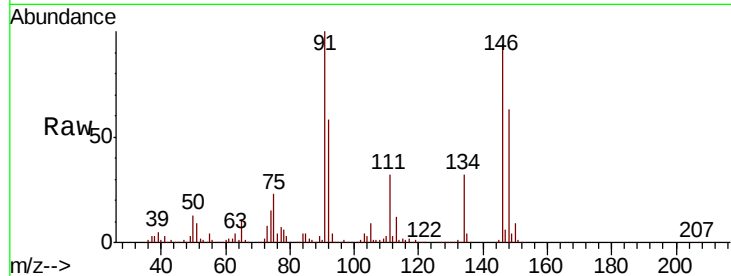




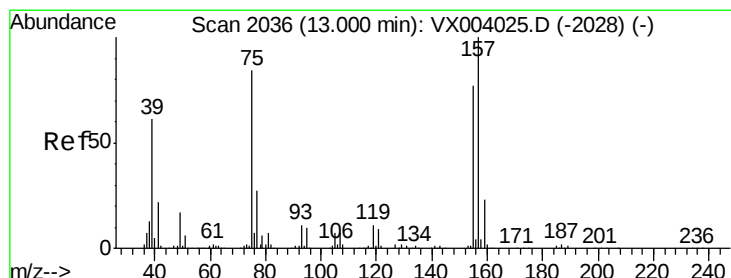
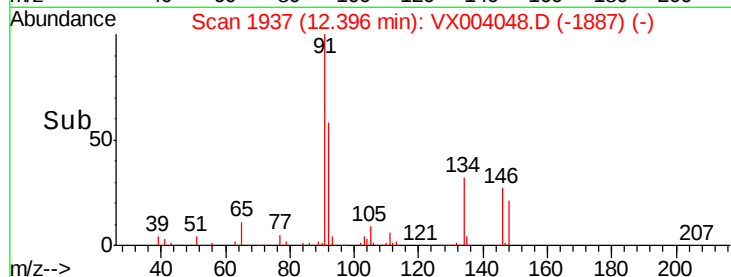
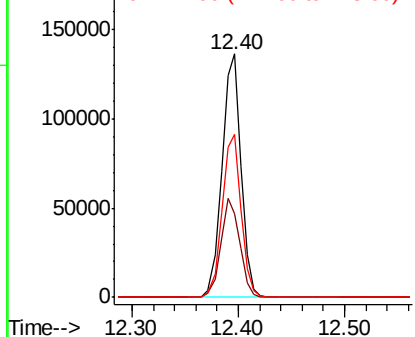
#91
 1,2-Dichlorobenzene
 Concen: 20.588 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.01 min
 Lab File: VX004048.D
 Acq: 15 Aug 2018 00:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBS02

Tgt Ion: 146 Resp: 169805
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.7 59.0
 148 66.5 31.9 95.5

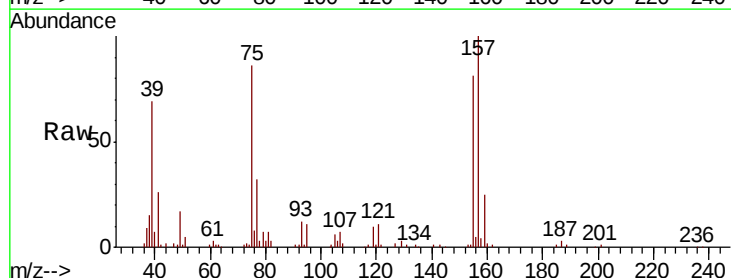


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

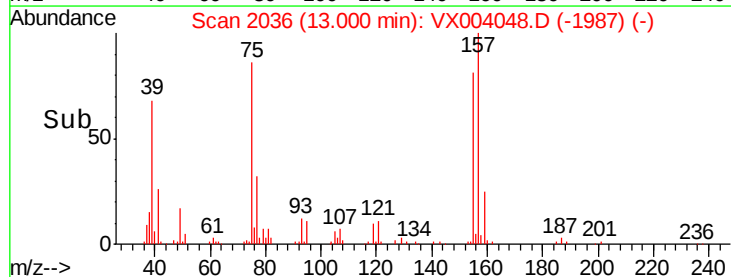
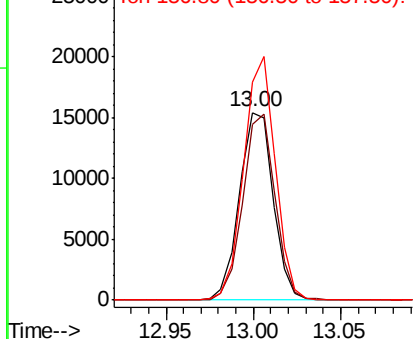


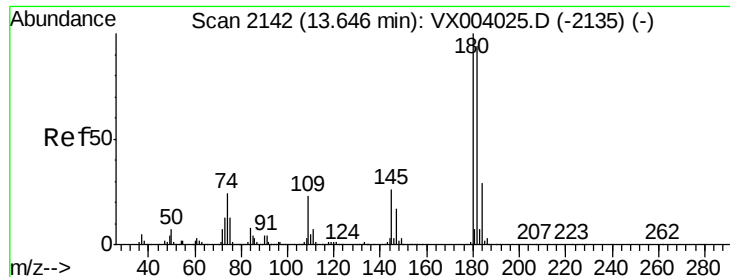
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.425 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VX004048.D
 Acq: 15 Aug 2018 00:48

Tgt Ion: 75 Resp: 20738
 Ion Ratio Lower Upper
 75 100
 155 95.0 48.7 146.1
 157 121.6 62.6 187.8



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

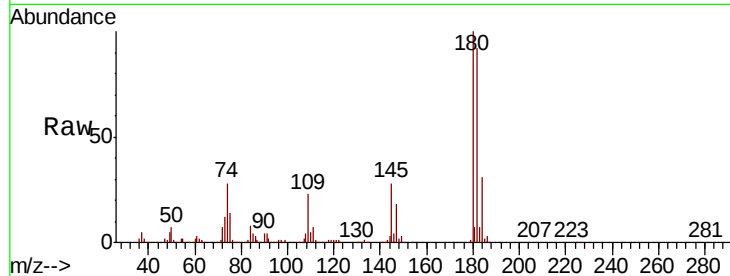




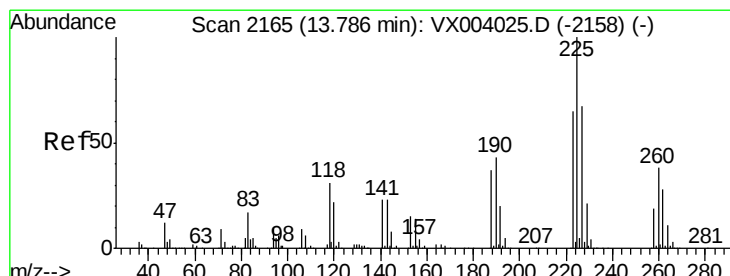
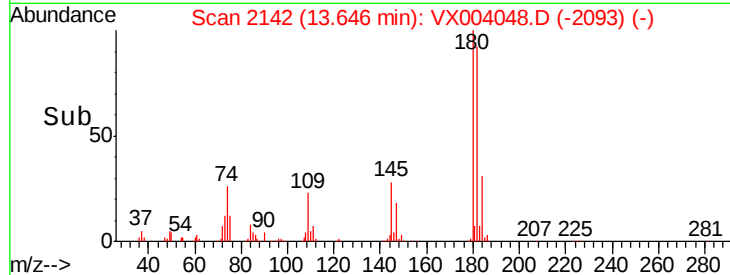
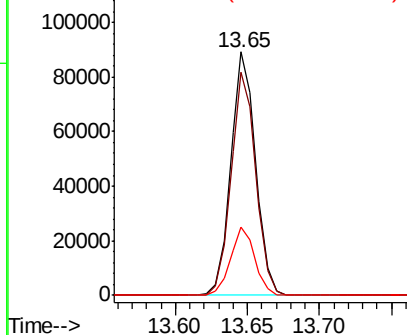
#93
 1,2,4-Trichlorobenzene
 Concen: 19.079 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004048.D
 Acq: 15 Aug 2018 00:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBS02

Tgt Ion:180 Resp: 107568
 Ion Ratio Lower Upper
 180 100
 182 91.6 47.7 143.1
 145 27.6 13.9 41.6

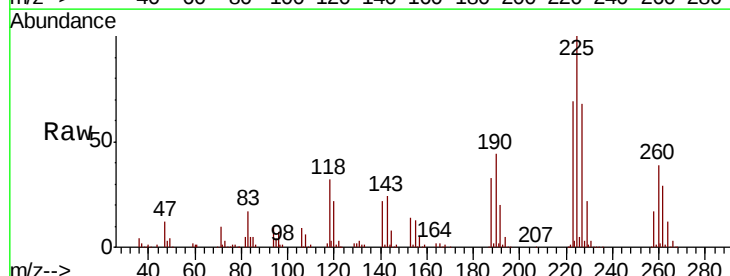


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

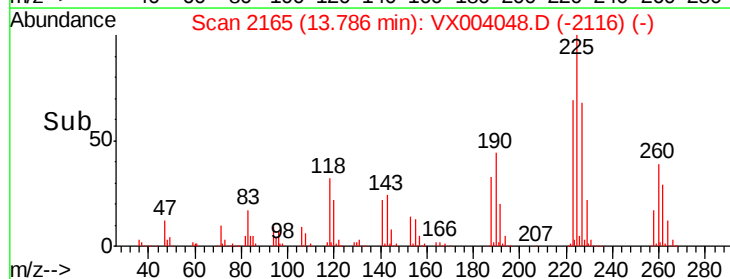
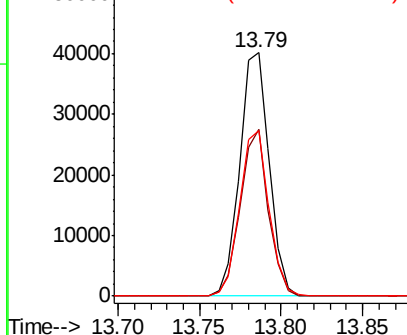


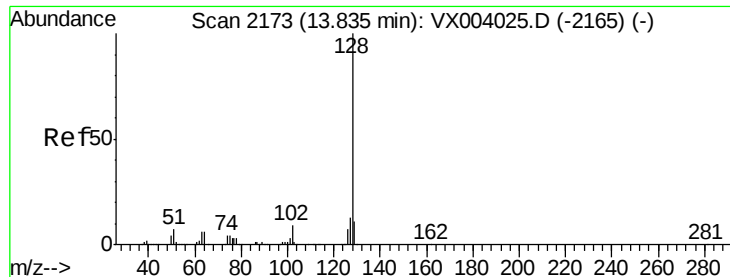
#94
 Hexachlorobutadiene
 Concen: 17.893 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004048.D
 Acq: 15 Aug 2018 00:48

Tgt Ion:225 Resp: 50567
 Ion Ratio Lower Upper
 225 100
 223 65.0 31.4 94.0
 227 67.5 32.1 96.5



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

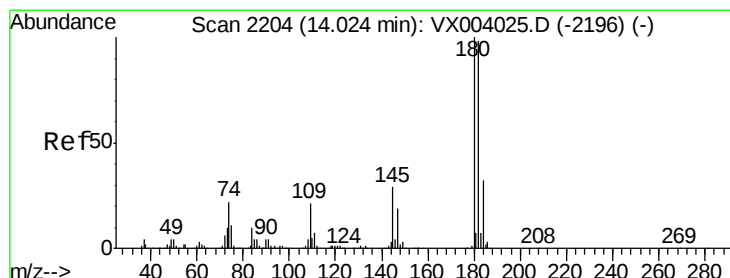
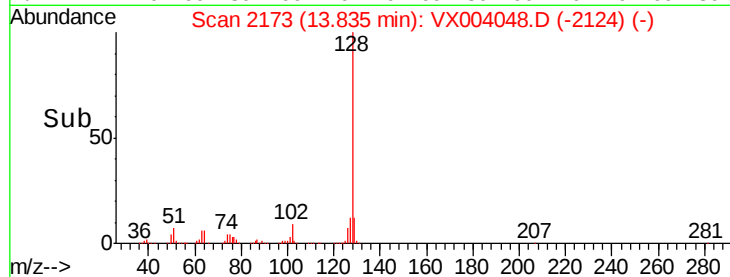
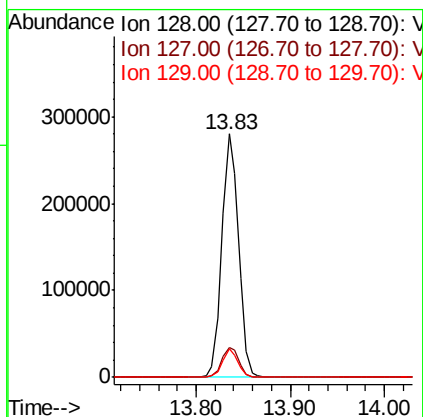
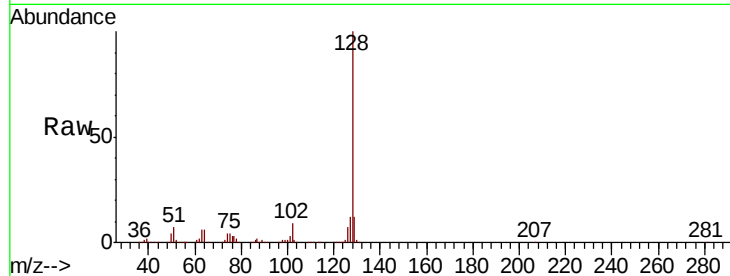




#95
Naphthalene
Concen: 19.840 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004048.D
Acq: 15 Aug 2018 00:48

Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS02

Tgt Ion:128 Resp: 343869
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.351 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX004048.D
Acq: 15 Aug 2018 00:48

Tgt Ion:180 Resp: 118964
Ion Ratio Lower Upper
180 100
182 97.7 48.1 144.4
145 29.1 14.9 44.7

