

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092718\
 Data File : VX004784.D
 Acq On : 27 Sep 2018 19:44
 Operator : JC/MD
 Sample : J5048-10MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CMT-22-6-SEP18MS

Quant Time: Sep 28 05:53:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	238223	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	357395	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	341526	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	205798	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	169051	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
35) Dibromofluoromethane	5.50	113	137950	45.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.08%	
50) Toluene-d8	8.71	98	521420	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
62) 4-Bromofluorobenzene	11.14	95	191126	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	192320	59.210	ug/l	97
3) Chloromethane	1.32	50	207580	52.676	ug/l	100
4) Vinyl Chloride	1.40	62	207800	56.223	ug/l	97
5) Bromomethane	1.64	94	73792	33.669	ug/l	100
6) Chloroethane	1.71	64	125736	63.030	ug/l	98
7) Trichlorofluoromethane	1.93	101	258079	56.403	ug/l	94
8) Diethyl Ether	2.19	74	103667	52.152	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.38	101	141269	54.200	ug/l	99
10) Methyl Iodide	2.51	142	97087	27.836	ug/l	98
11) Tert butyl alcohol	3.07	59	229199	240.878	ug/l	100
12) 1,1-Dichloroethene	2.37	96	139634	54.096	ug/l	95
13) Acrolein	2.29	56	156803	231.615	ug/l	96
14) Allyl chloride	2.73	41	308042	54.695	ug/l	96
15) Acrylonitrile	3.15	53	559549	267.133	ug/l	99
16) Acetone	2.45	43	485515	244.377	ug/l	96
17) Carbon Disulfide	2.57	76	426563	54.996	ug/l	100
18) Methyl Acetate	2.78	43	265473	52.740	ug/l	92
19) Methyl tert-butyl Ether	3.20	73	502634	56.453	ug/l	96
20) Methylene Chloride	2.85	84	159543	55.320	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	148325	52.493	ug/l	95
22) Diisopropyl ether	3.87	45	529186	55.799	ug/l	89
23) Vinyl Acetate	3.82	43	2318932	267.124	ug/l	96
24) 1,1-Dichloroethane	3.70	63	283646	50.139	ug/l	98
25) 2-Butanone	4.70	43	746505	254.908	ug/l	93
26) 2,2-Dichloropropane	4.59	77	181618	46.103	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	173609	54.999	ug/l	96
28) Bromochloromethane	5.02	49	135159	50.734	ug/l	90
29) Tetrahydrofuran	5.15	42	494420	271.632	ug/l	91
30) Chloroform	5.21	83	272491	50.965	ug/l	99
31) Cyclohexane	5.57	56	253510	58.549	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	235264	53.880	ug/l	99
36) 1,1-Dichloropropene	5.80	75	202305	48.953	ug/l	99
37) Ethyl Acetate	4.86	43	261845	47.732	ug/l	98
38) Carbon Tetrachloride	5.78	117	206088	47.440	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	238802	56.590	ug/l	96
40) Benzene	6.14	78	625830	48.371	ug/l	99
41) Methacrylonitrile	5.06	41	153434	50.435	ug/l	95
42) 1,2-Dichloroethane	6.20	62	221496	48.428	ug/l	96
43) Isopropyl Acetate	6.46	43	399657	50.476	ug/l	96
44) Trichloroethene	7.21	130	171672	53.975	ug/l	96
45) 1,2-Dichloropropane	7.52	63	169157	53.315	ug/l	100
46) Dibromomethane	7.66	93	106767	53.545	ug/l	97
47) Bromodichloromethane	7.90	83	205720	55.104	ug/l	100
48) Methyl methacrylate	7.77	41	211892	58.961	ug/l	94
49) 1,4-Dioxane	7.76	88	81874	917.021	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	1420902	285.014	ug/l	95
52) Toluene	8.79	92	387003	54.437	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	228207	54.094	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	239956	54.303	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	160231	51.454	ug/l	96
56) Ethyl methacrylate	9.18	69	255364	50.503	ug/l	94
57) 1,3-Dichloropropane	9.37	76	271406	52.366	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.27	63	1218	14.670	ug/l #	45
59) 2-Hexanone	9.50	43	1117930	269.095	ug/l	94
60) Dibromochloromethane	9.59	129	163776	52.588	ug/l	99
61) 1,2-Dibromoethane	9.68	107	166678	49.978	ug/l	99
64) Tetrachloroethene	9.34	164	146959	43.720	ug/l	97
65) Chlorobenzene	10.14	112	427468	48.811	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	155074	50.368	ug/l	99
67) Ethyl Benzene	10.26	91	732302	52.669	ug/l	99
68) m/p-Xylenes	10.36	106	572932	105.449	ug/l	96
69) o-Xylene	10.70	106	273276	54.760	ug/l	95
70) Styrene	10.71	104	459633	49.277	ug/l	97
71) Bromoform	10.86	173	133770	50.750	ug/l	99
73) Isopropylbenzene	11.02	105	731560	56.396	ug/l	99
74) N-amyl acetate	10.90	43	356622	50.018	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	264995	50.185	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	302001	65.472	ug/l	89
77) Bromobenzene	11.26	156	194627	51.656	ug/l	96
78) n-propylbenzene	11.36	91	833087	55.974	ug/l	99
79) 2-Chlorotoluene	11.42	91	503196	54.240	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	620248	52.178	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	74733	44.419	ug/l	99
82) 4-Chlorotoluene	11.51	91	596021	54.582	ug/l	99
83) tert-Butylbenzene	11.77	119	613358	57.430	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	638267	52.065	ug/l	98
85) sec-Butylbenzene	11.94	105	727068	55.891	ug/l	98
86) p-Isopropyltoluene	12.07	119	651809	55.304	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	354867	50.440	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	359851	49.548	ug/l	99
89) n-Butylbenzene	12.39	91	574051	53.630	ug/l	97
90) Hexachloroethane	12.60	117	104471	53.238	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	360107	48.978	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	60863	52.495	ug/l	96

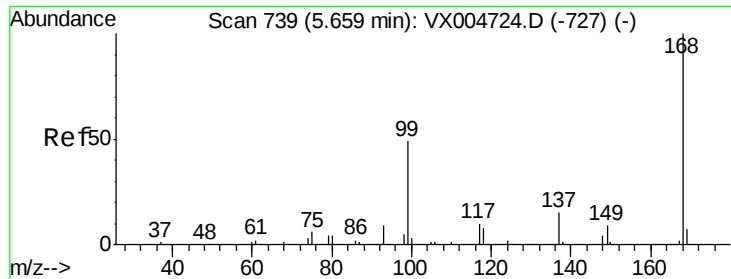
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	264511	51.286	ug/l	100
94) Hexachlorobutadiene	13.79	225	122498	45.803	ug/l	97
95) Naphthalene	13.83	128	890140	51.971	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	275594	51.727	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004784.D

Acq: 27 Sep 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

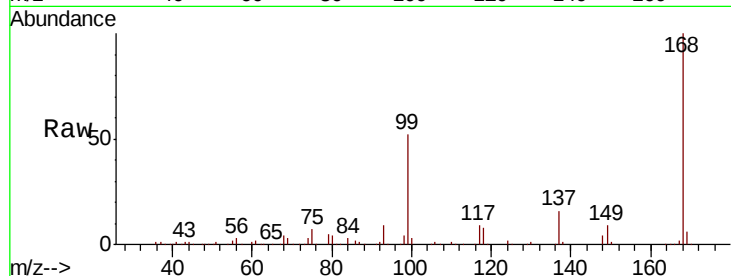
CMT-22-6-SEP18MS

Tot Ion:168 Resp: 238223

Ion Ratio Lower Upper

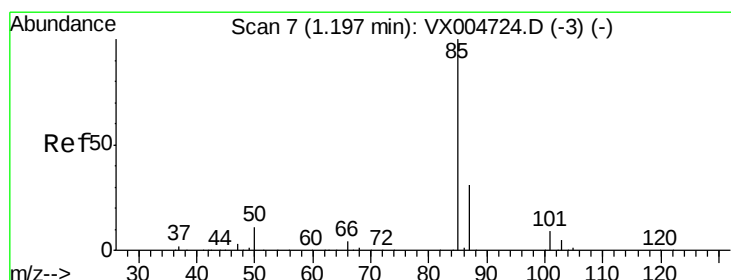
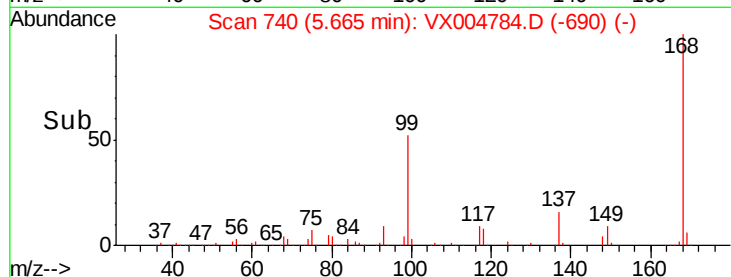
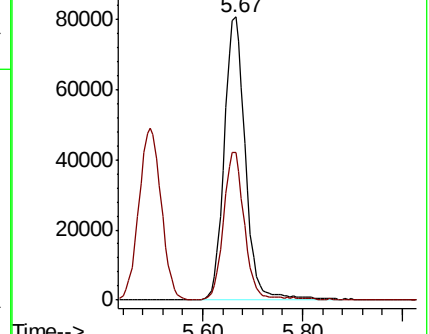
168 100

99 51.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 59.210 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX004784.D

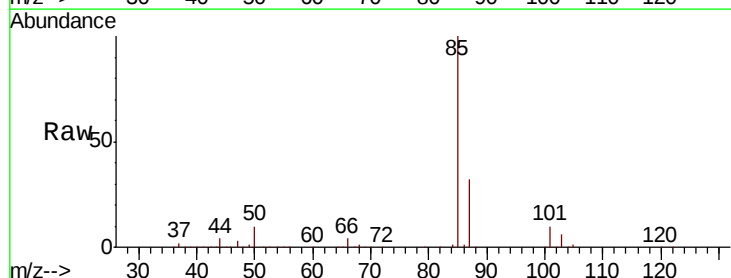
Acq: 27 Sep 2018 19:44

Tgt Ion: 85 Resp: 192320

Ion Ratio Lower Upper

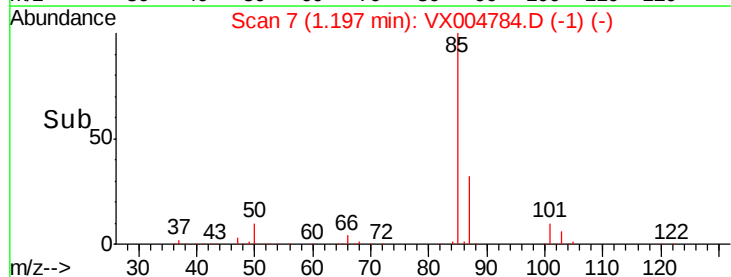
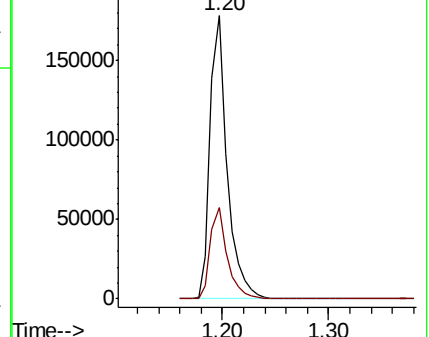
85 100

87 32.2 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 52.676 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004784.D

Acq: 27 Sep 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

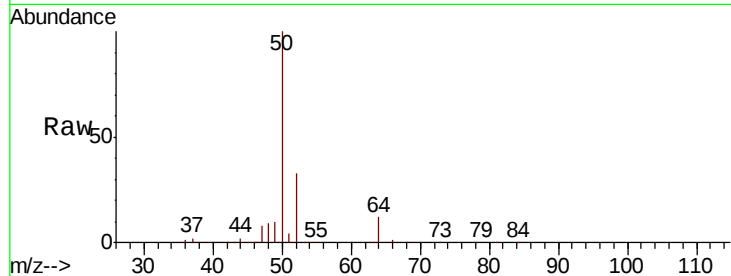
CMT-22-6-SEP18MS

Tot Ion: 50 Resp: 207580

Ion Ratio Lower Upper

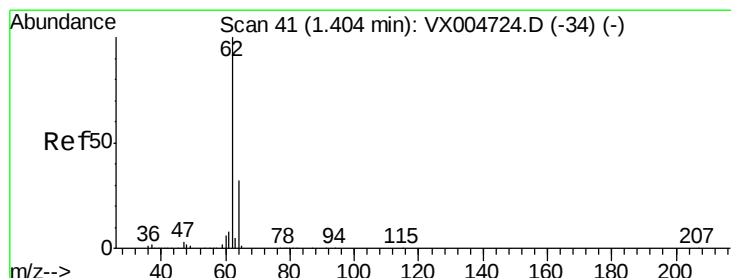
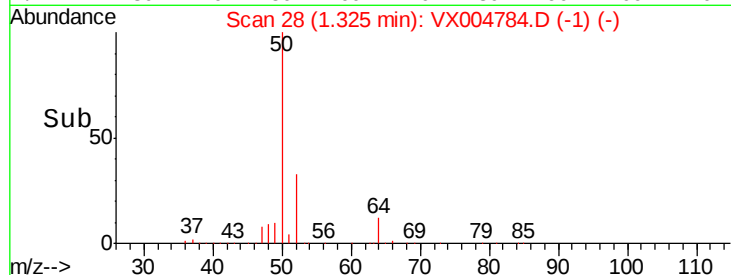
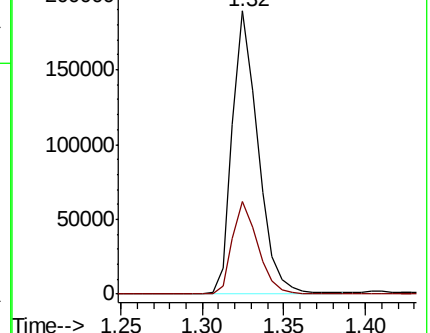
50 100

52 32.8 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 56.223 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004784.D

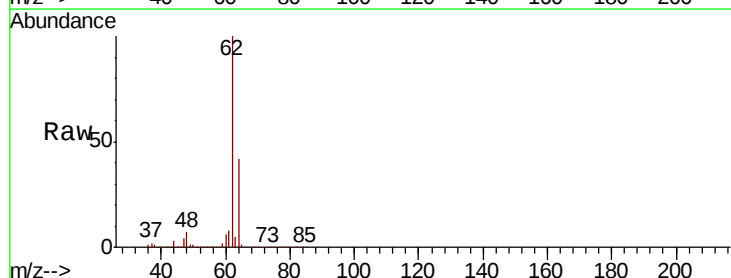
Acq: 27 Sep 2018 19:44

Tgt Ion: 62 Resp: 207800

Ion Ratio Lower Upper

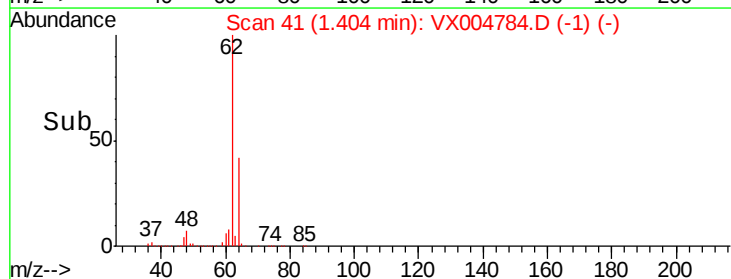
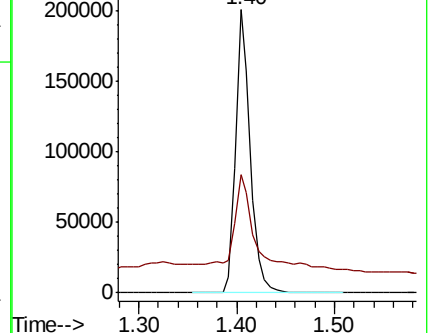
62 100

64 33.7 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 33.669 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004784.D

Acq: 27 Sep 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

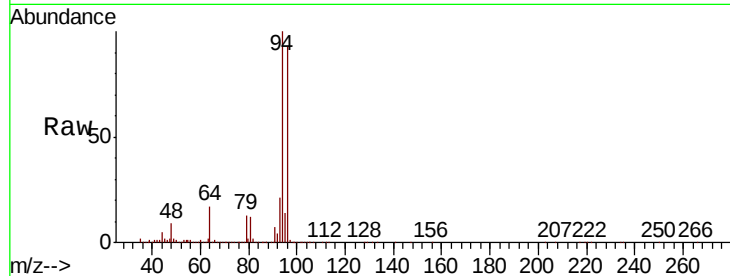
CMT-22-6-SEP18MS

Tot Ion: 94 Resp: 73792

Ion Ratio Lower Upper

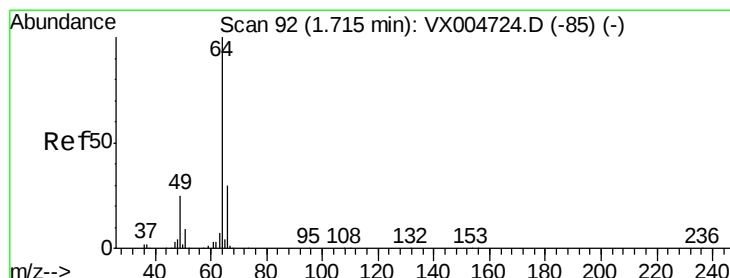
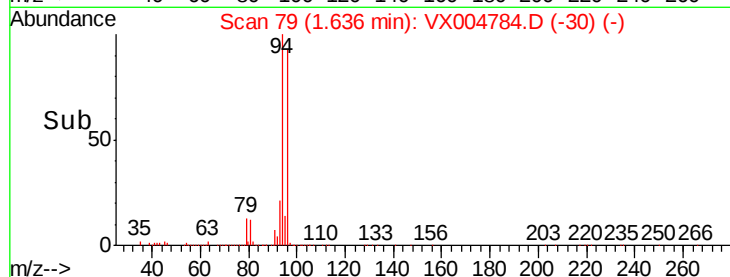
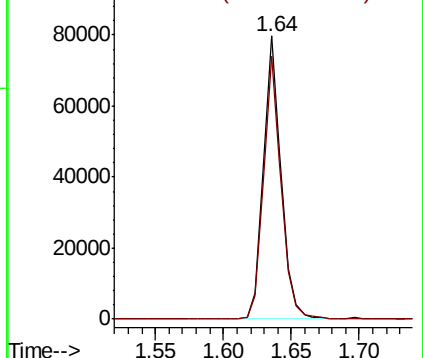
94 100

96 92.9 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 63.030 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX004784.D

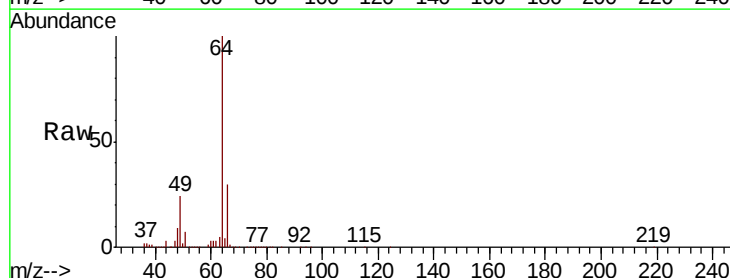
Acq: 27 Sep 2018 19:44

Tgt Ion: 64 Resp: 125736

Ion Ratio Lower Upper

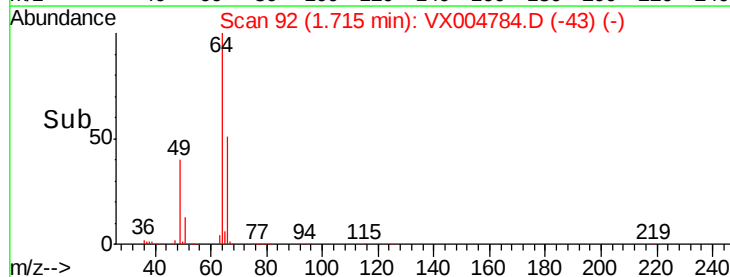
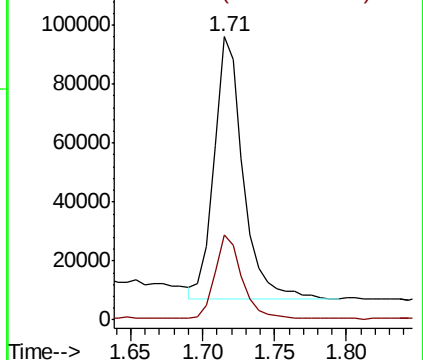
64 100

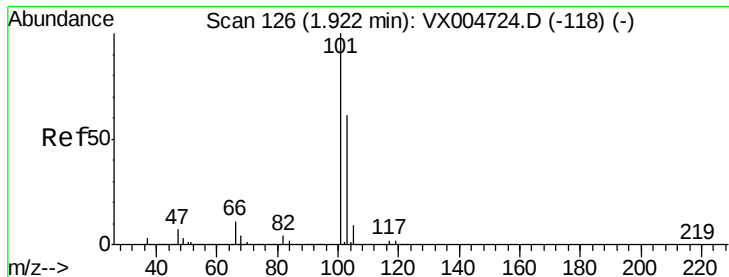
66 32.1 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



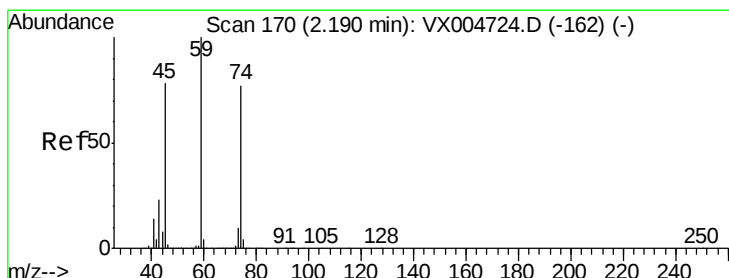
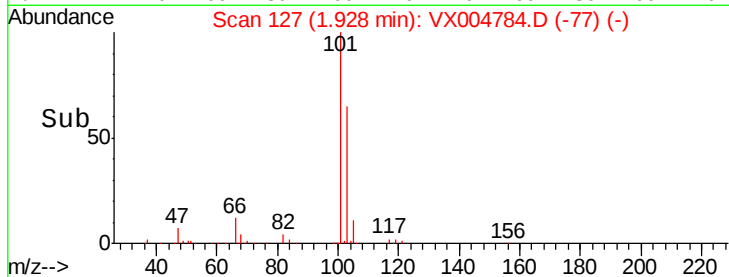
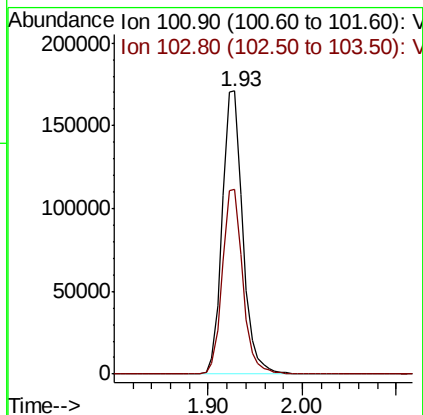
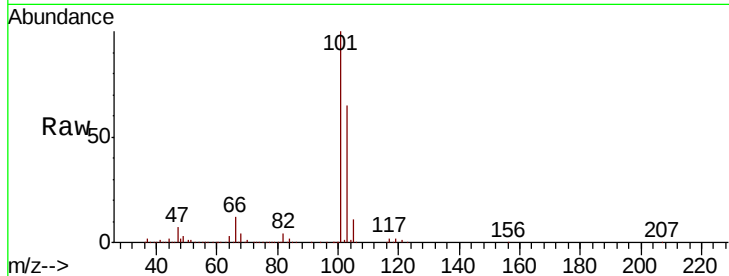


#7

Trichlorofluoromethane
 Concen: 56.403 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX004784.D
 Acq: 27 Sep 2018 19:44

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 CMT-22-6-SEP18MS

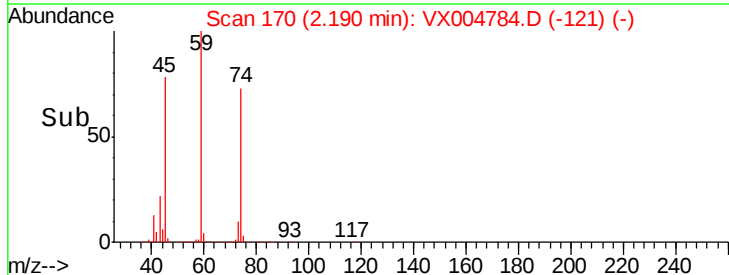
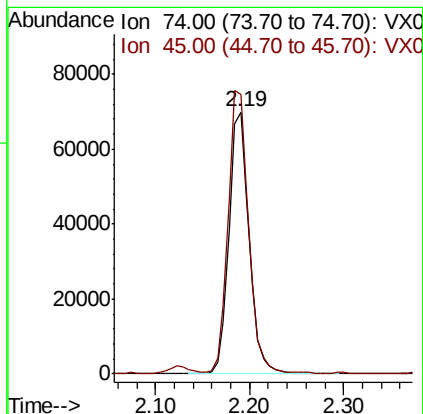
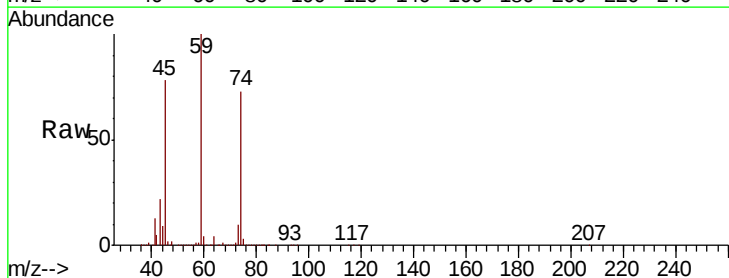
Tot Ion:101 Resp: 258079
 Ion Ratio Lower Upper
 101 100
 103 65.5 48.9 73.3



#8

Diethyl Ether
 Concen: 52.152 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX004784.D
 Acq: 27 Sep 2018 19:44

Tgt Ion: 74 Resp: 103667
 Ion Ratio Lower Upper
 74 100
 45 110.0 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.200 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX004784.D

Acq: 27 Sep 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

CMT-22-6-SEP18MS

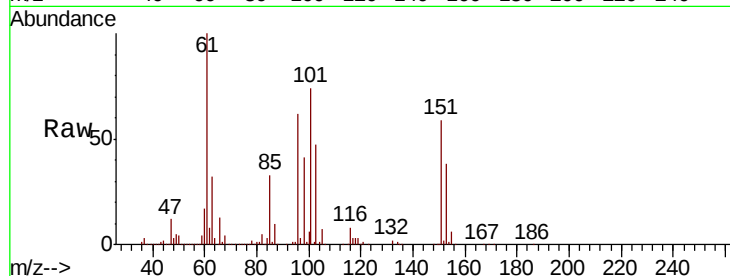
Tot Ion:101 Resp: 141269

Ion Ratio Lower Upper

101 100

85 44.3 34.2 51.4

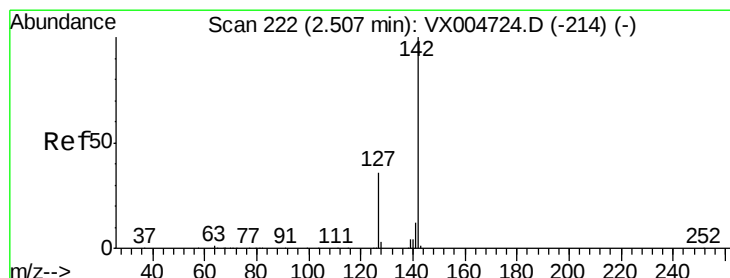
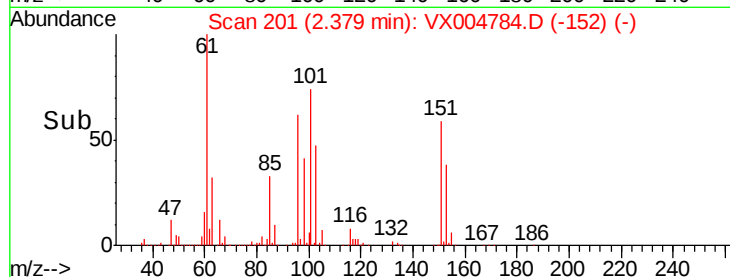
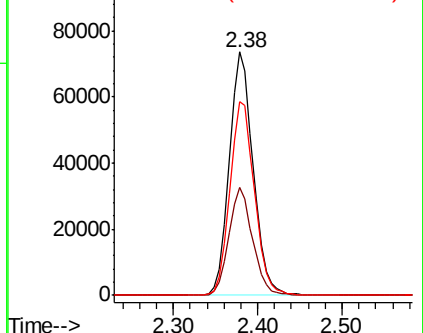
151 81.7 65.0 97.6



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: 27.836 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004784.D

Acq: 27 Sep 2018 19:44

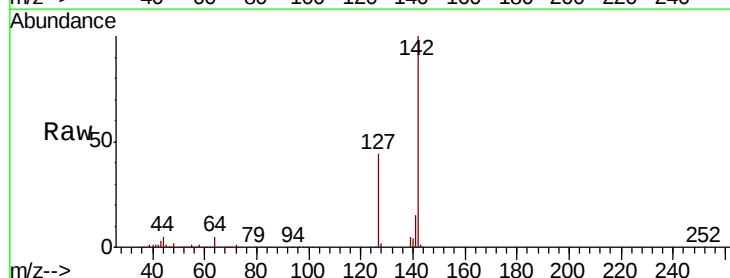
Tgt Ion:142 Resp: 97087

Ion Ratio Lower Upper

142 100

127 43.7 33.8 50.6

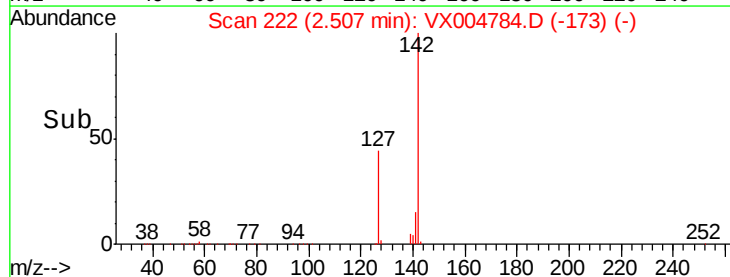
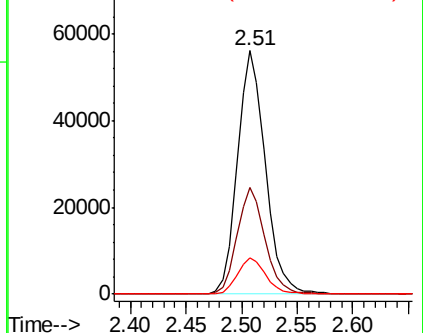
141 15.1 11.4 17.0

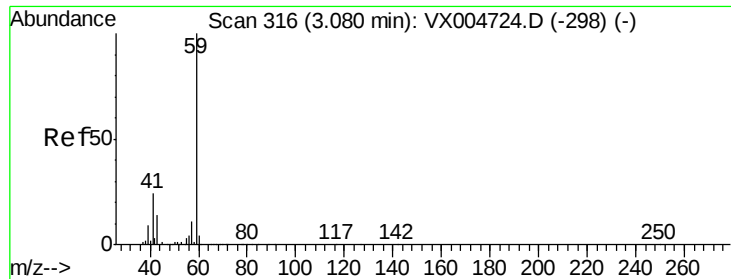


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

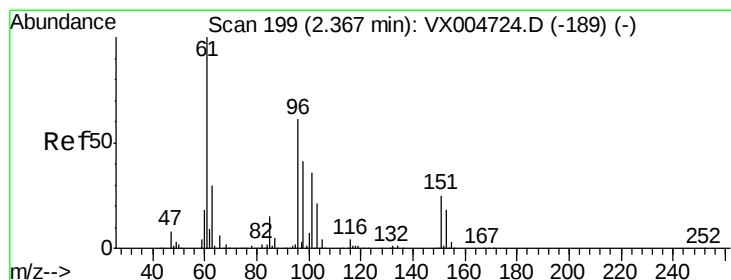
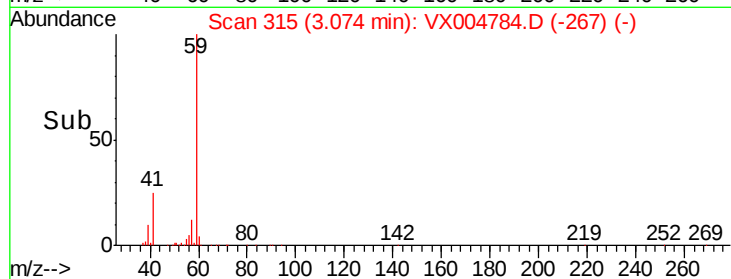
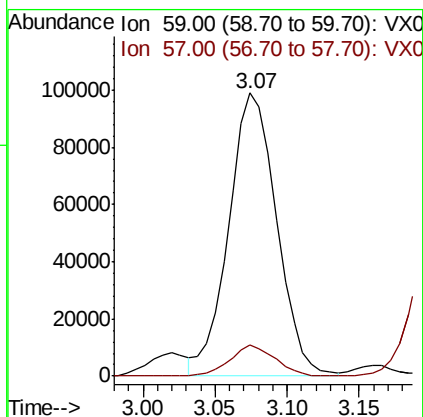
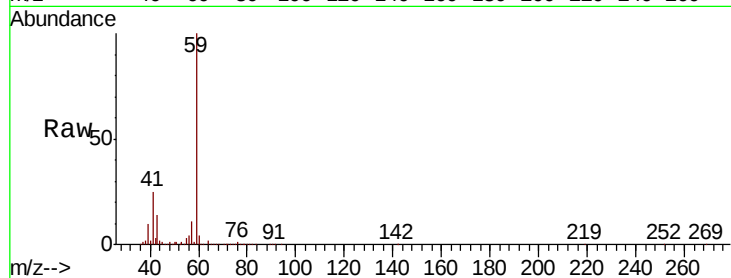




#11
Tert butyl alcohol
Concen: 240.878 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX004784.D
Acq: 27 Sep 2018 19:44

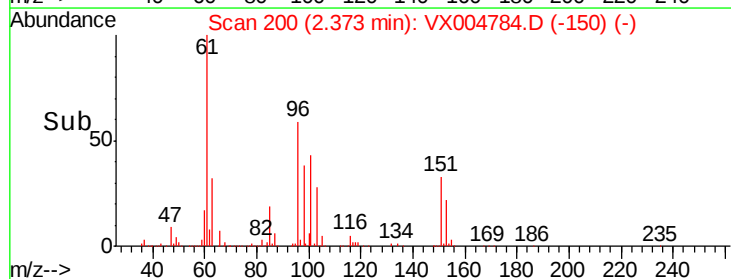
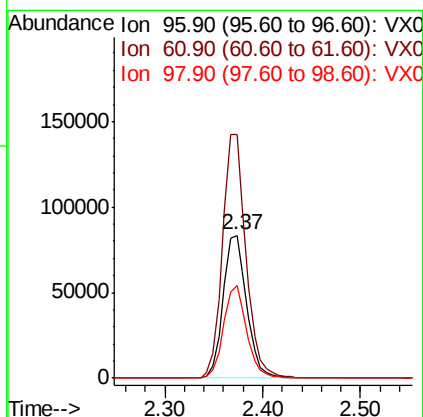
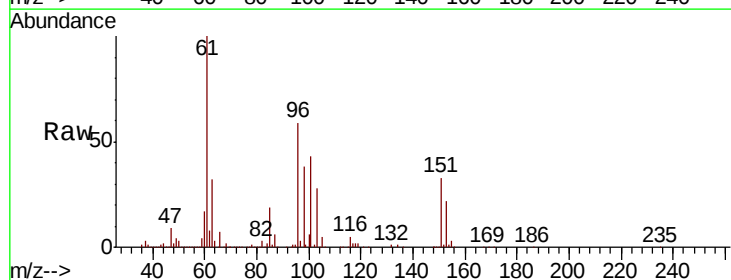
Instrument :
MSVOA_X
ClientSampleId :
CMT-22-6-SEP18MS

Tot Ion: 59 Resp: 229199
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4



#12
1,1-Dichloroethene
Concen: 54.096 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX004784.D
Acq: 27 Sep 2018 19:44

Tgt Ion: 96 Resp: 139634
Ion Ratio Lower Upper
96 100
61 170.2 128.8 193.2
98 64.6 52.2 78.2





#13

Acrolein

Concen: 231.615 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX004784.D

Acq: 27 Sep 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

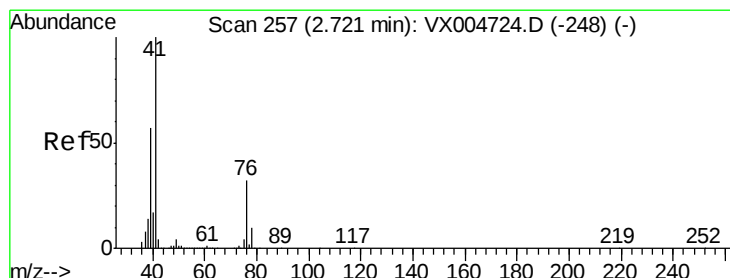
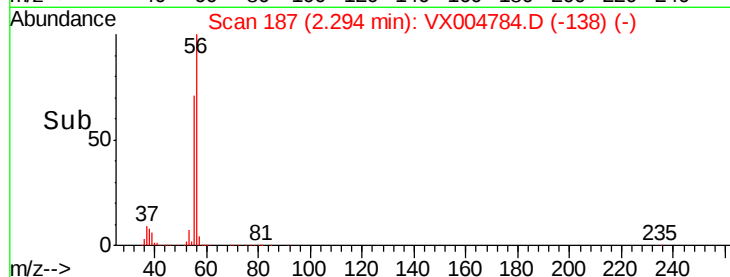
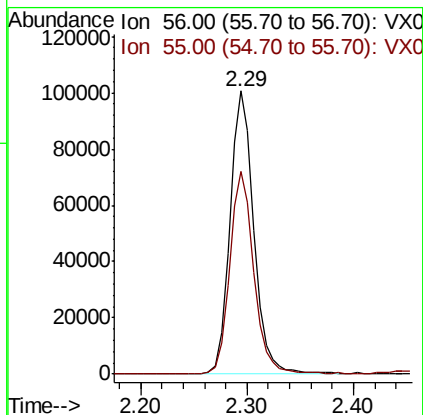
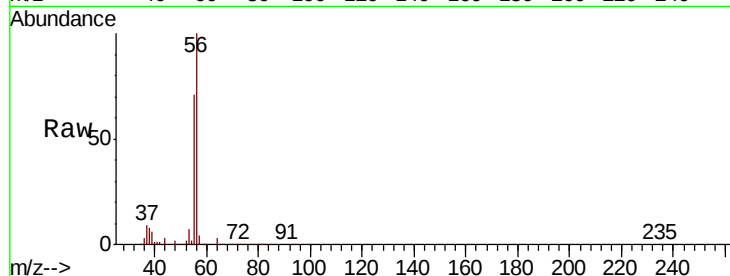
CMT-22-6-SEP18MS

Tot Ion: 56 Resp: 156803

Ion Ratio Lower Upper

56 100

55 71.8 54.7 82.1



#14

Allyl chloride

Concen: 54.695 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX004784.D

Acq: 27 Sep 2018 19:44

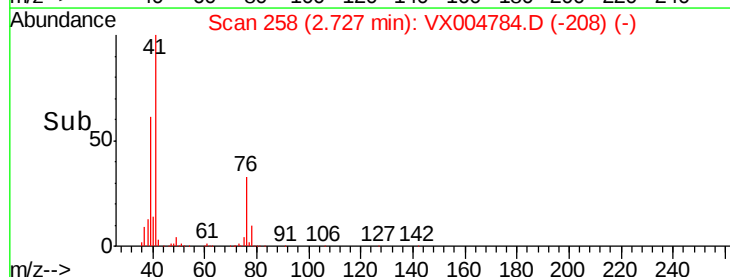
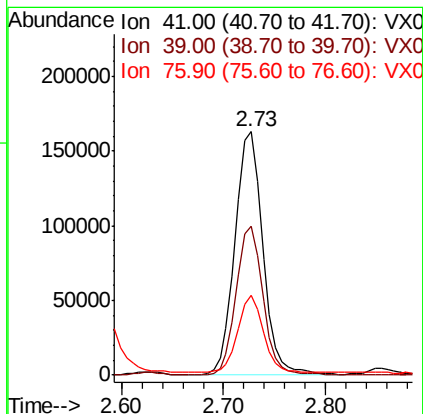
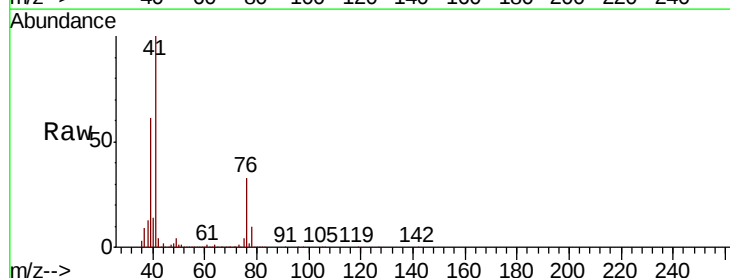
Tgt Ion: 41 Resp: 308042

Ion Ratio Lower Upper

41 100

39 58.5 48.9 73.3

76 29.8 26.7 40.1





#15

Acrylonitrile

Concen: 267.133 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX004784.D

Acq: 27 Sep 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

CMT-22-6-SEP18MS

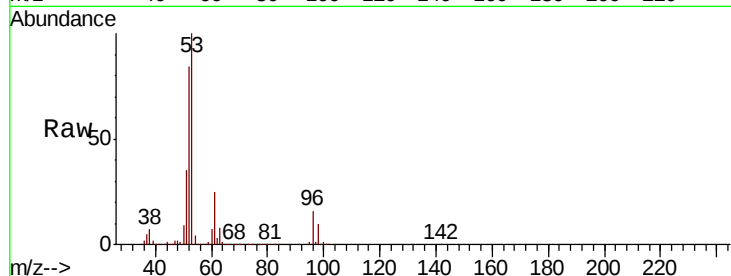
Tot Ion: 53 Resp: 559549

Ion Ratio Lower Upper

53 100

52 82.9 65.2 97.8

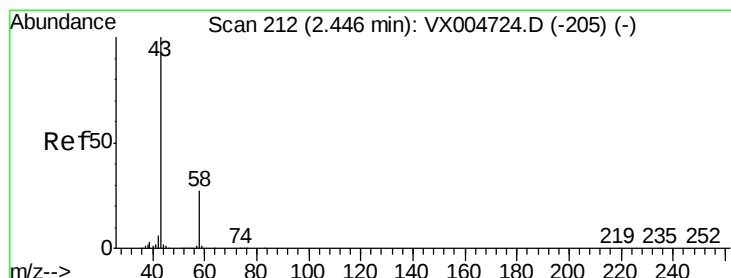
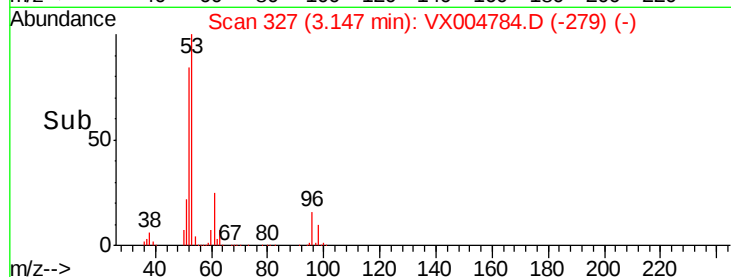
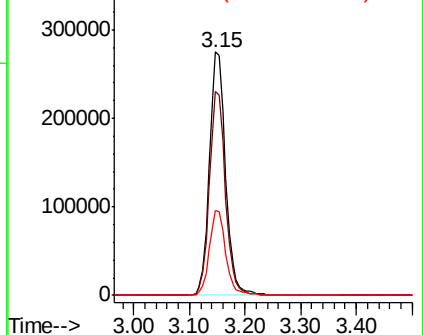
51 35.2 28.2 42.2



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: 244.377 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004784.D

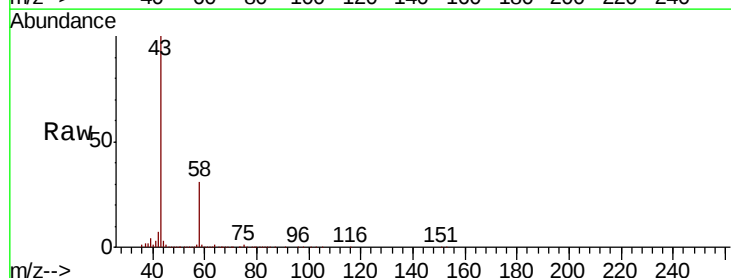
Acq: 27 Sep 2018 19:44

Tgt Ion: 43 Resp: 485515

Ion Ratio Lower Upper

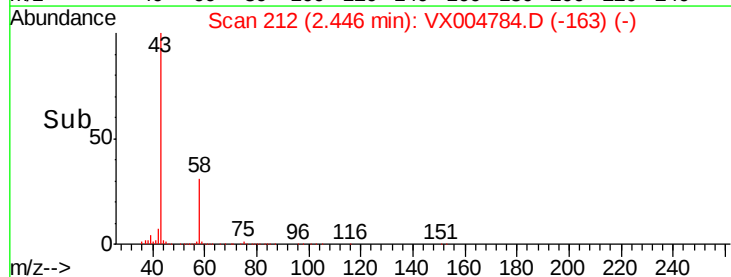
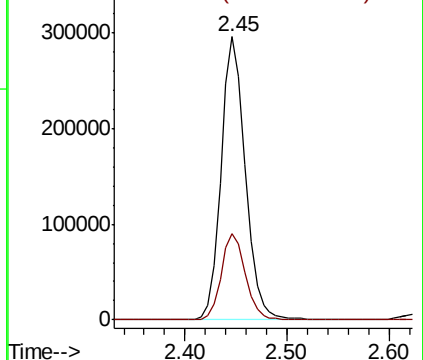
43 100

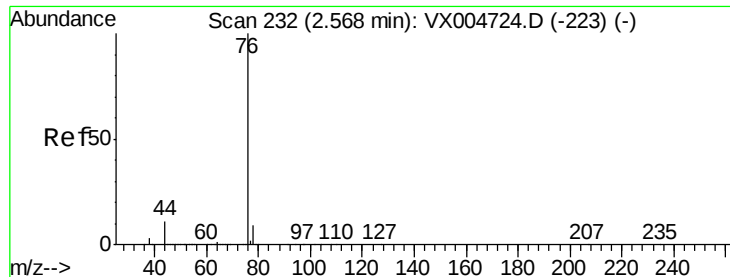
58 30.5 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

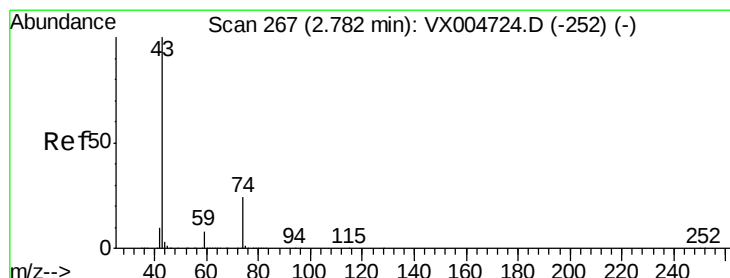
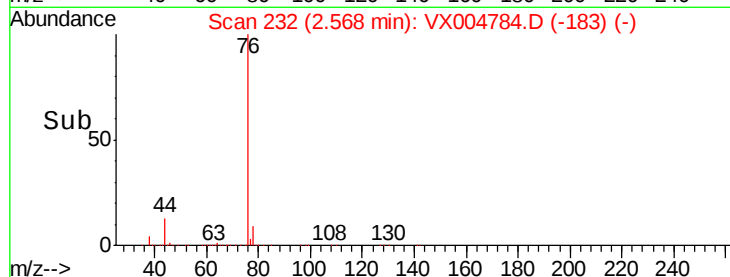
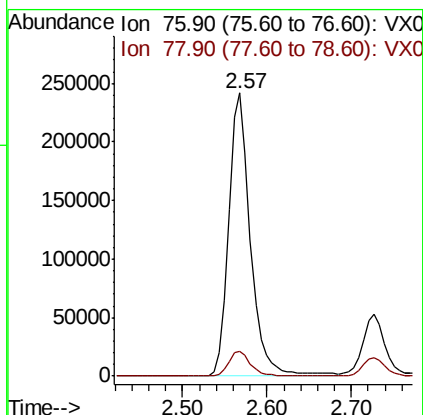
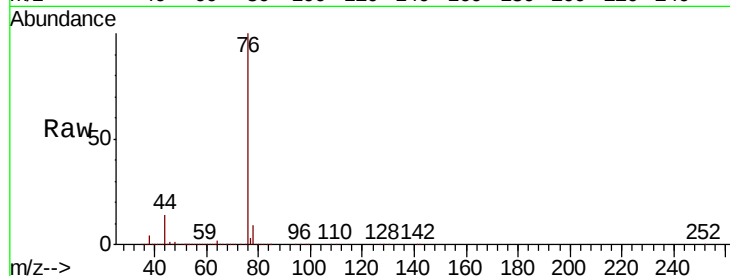




#17
Carbon Disulfide
Concen: 54.996 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX004784.D
Acq: 27 Sep 2018 19:44

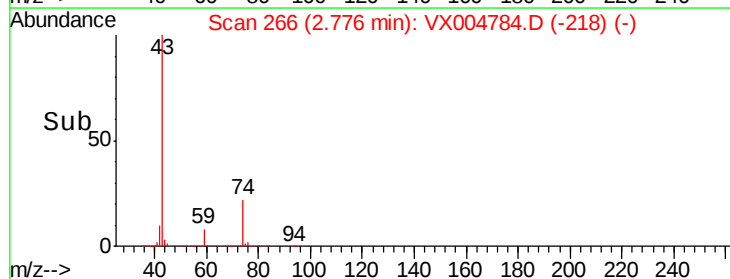
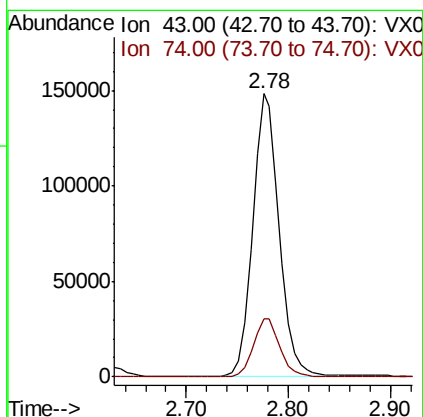
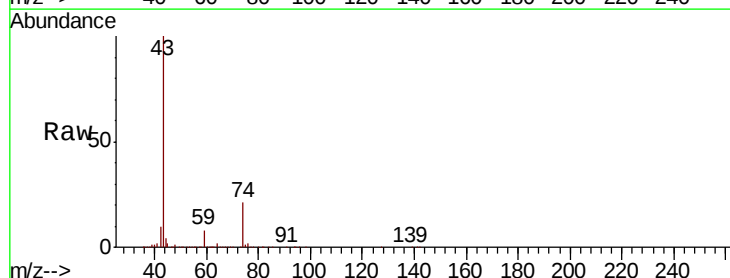
Instrument :
MSVOA_X
ClientSampleId :
CMT-22-6-SEP18MS

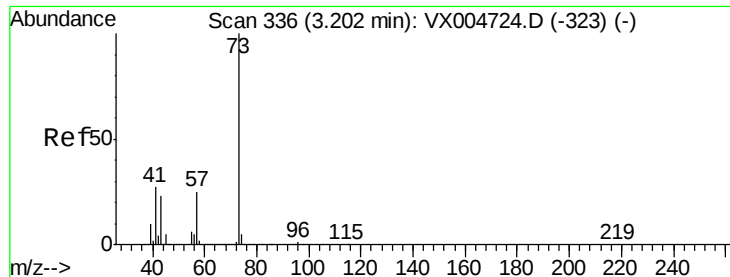
Tot Ion: 76 Resp: 426563
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 52.740 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX004784.D
Acq: 27 Sep 2018 19:44

Tgt Ion: 43 Resp: 265473
Ion Ratio Lower Upper
43 100
74 20.5 19.4 29.2



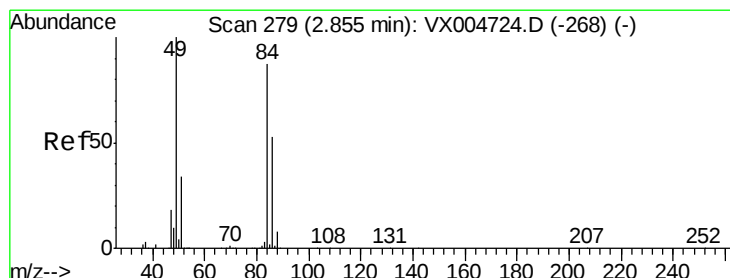
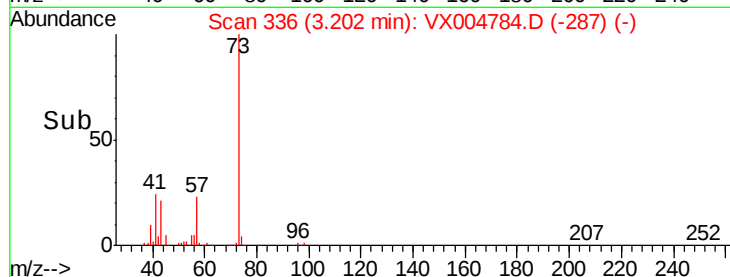
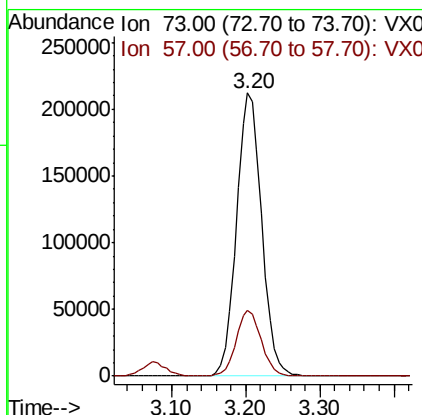
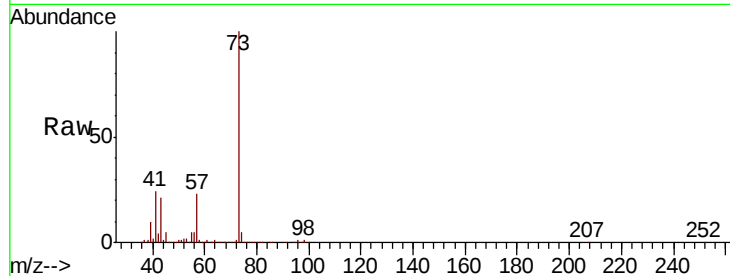


#19

Methyl tert-butyl Ether
 Concen: 56.453 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX004784.D
 Acq: 27 Sep 2018 19:44

Instrument :
 MSVOA_X
 ClientSampleId :
 CMT-22-6-SEP18MS

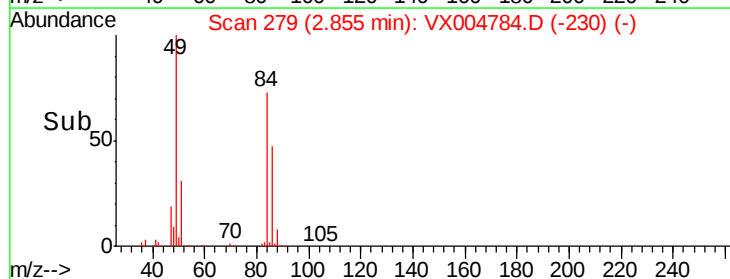
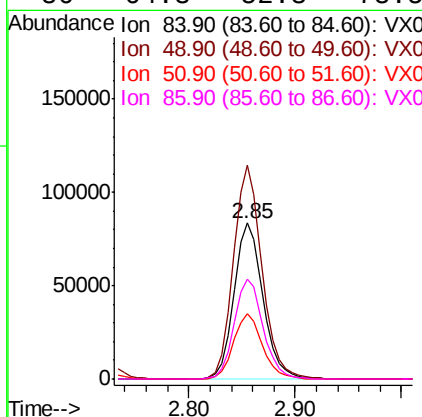
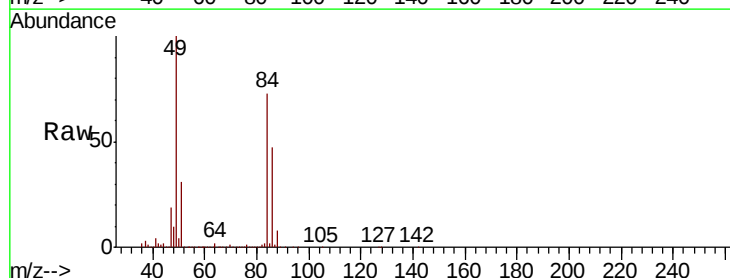
Tot Ion: 73 Resp: 502634
 Ion Ratio Lower Upper
 73 100
 57 23.4 17.1 25.7

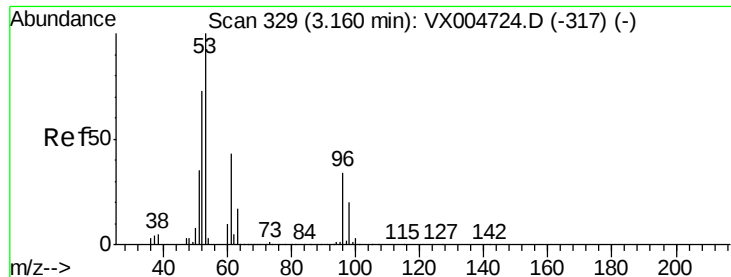


#20

Methylene Chloride
 Concen: 55.320 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX004784.D
 Acq: 27 Sep 2018 19:44

Tgt Ion: 84 Resp: 159543
 Ion Ratio Lower Upper
 84 100
 49 137.1 101.2 151.8
 51 41.9 29.5 44.3
 86 64.3 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 52.493 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX004784.D

Acq: 27 Sep 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

CMT-22-6-SEP18MS

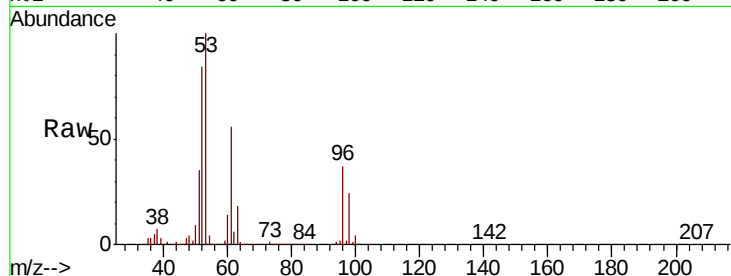
Tot Ion: 96 Resp: 148325

Ion Ratio Lower Upper

96 100

61 150.5 113.8 170.6

98 63.7 51.8 77.8

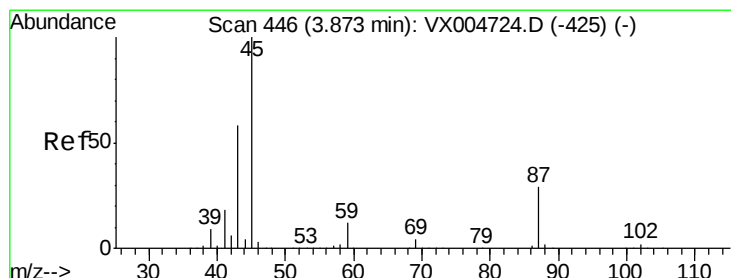
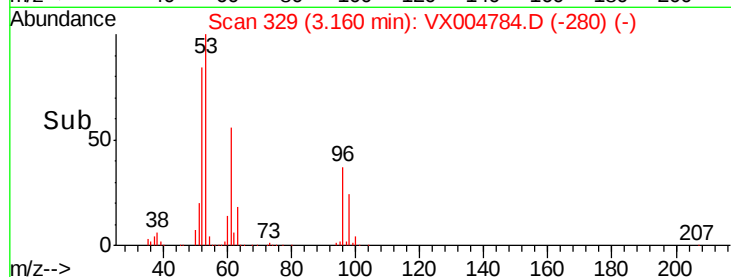
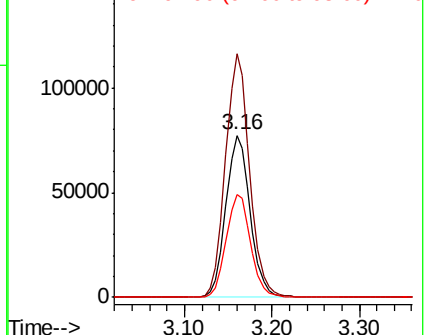


Abundance

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



#22

Diisopropyl ether

Concen: 55.799 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX004784.D

Acq: 27 Sep 2018 19:44

Tgt Ion: 45 Resp: 529186

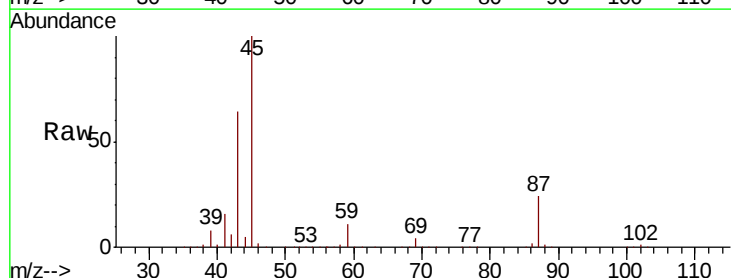
Ion Ratio Lower Upper

45 100

43 63.6 42.8 64.2

87 24.2 22.6 34.0

59 11.1 9.6 14.4



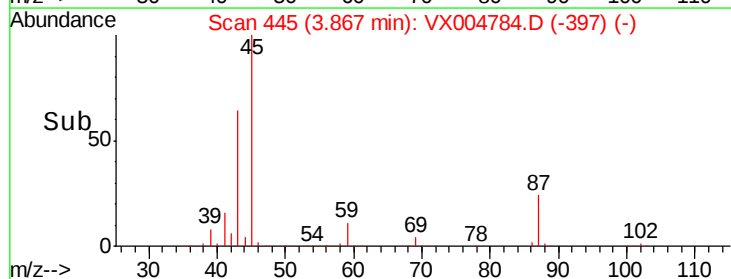
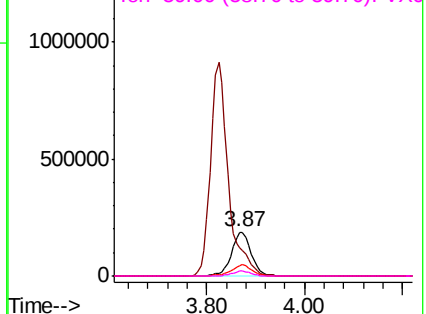
Abundance

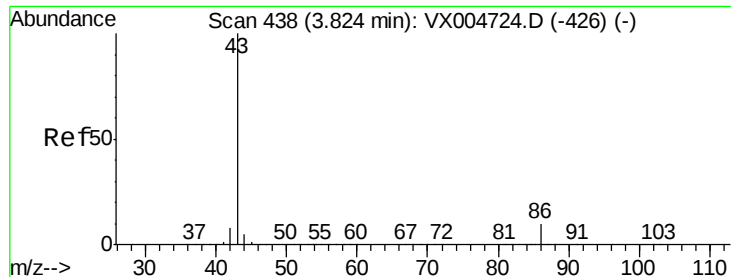
Ion 45.00 (44.70 to 45.70): VX0

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: 267.124 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX004784.D

Acq: 27 Sep 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

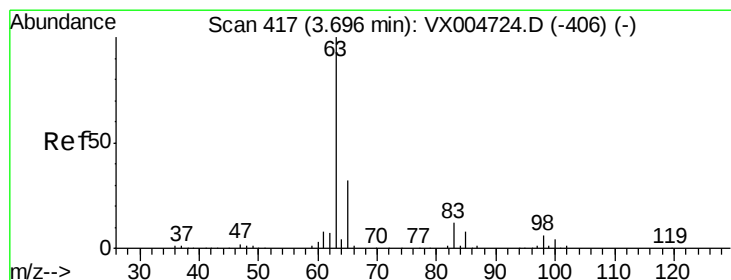
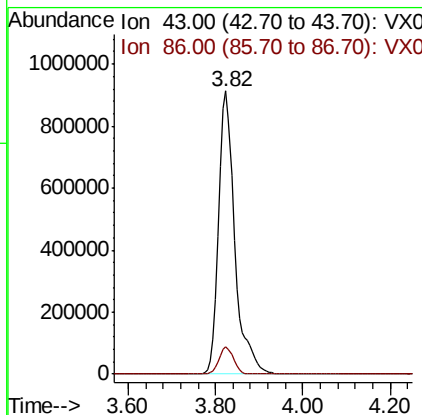
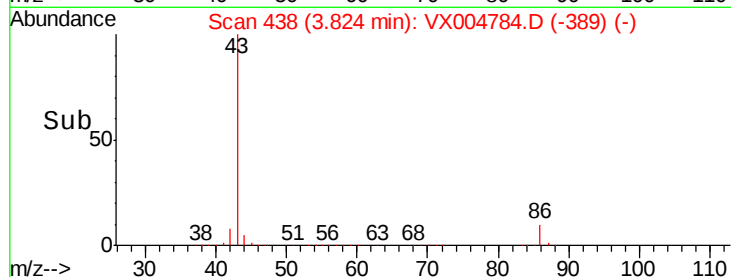
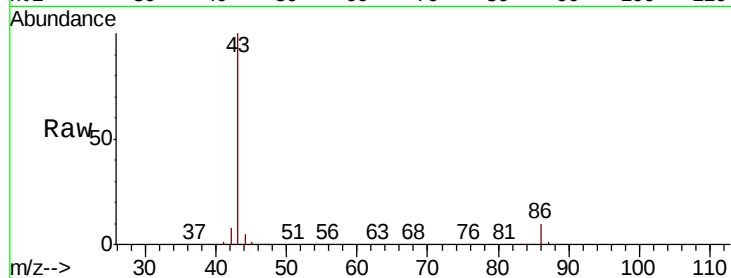
CMT-22-6-SEP18MS

Tot Ion: 43 Resp: 2318932

Ion Ratio Lower Upper

43 100

86 9.7 8.9 13.3



#24

1,1-Dichloroethane

Concen: 50.139 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX004784.D

Acq: 27 Sep 2018 19:44

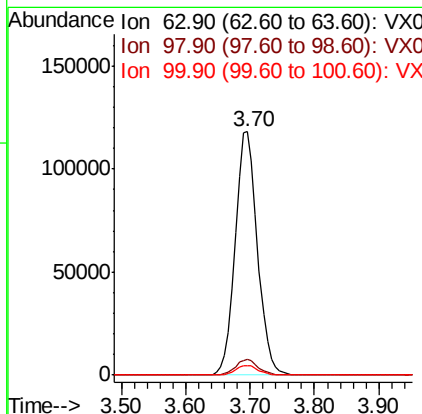
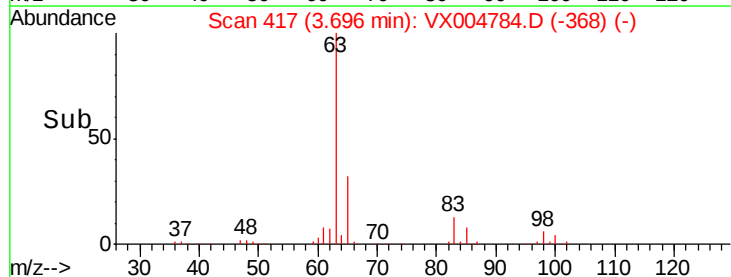
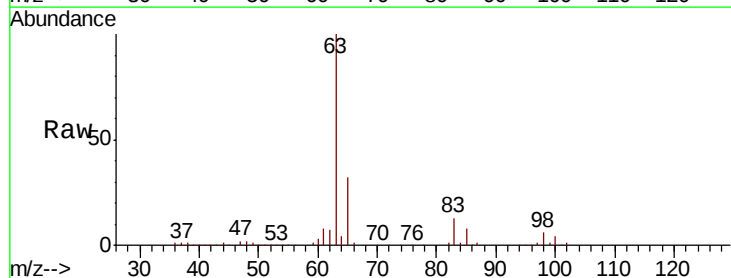
Tgt Ion: 63 Resp: 283646

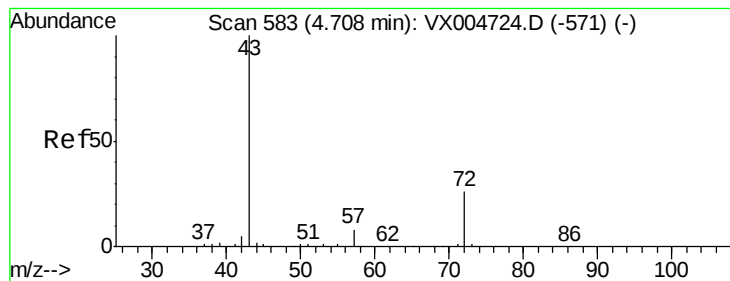
Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.4

100 3.9 2.4 7.1





#25

2-Butanone

Concen: 254.908 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX004784.D

Acq: 27 Sep 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

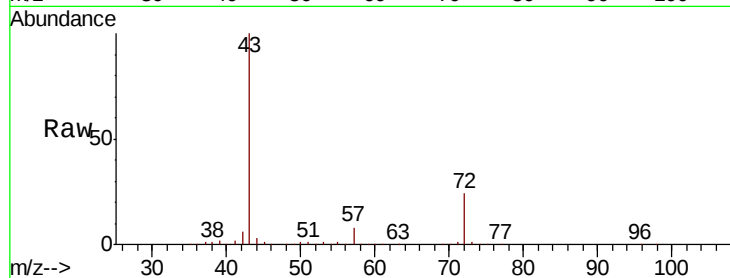
CMT-22-6-SEP18MS

Tot Ion: 43 Resp: 746505

Ion Ratio Lower Upper

43 100

72 23.8 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

250000

200000

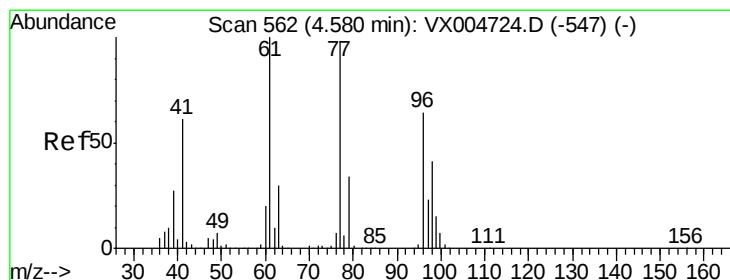
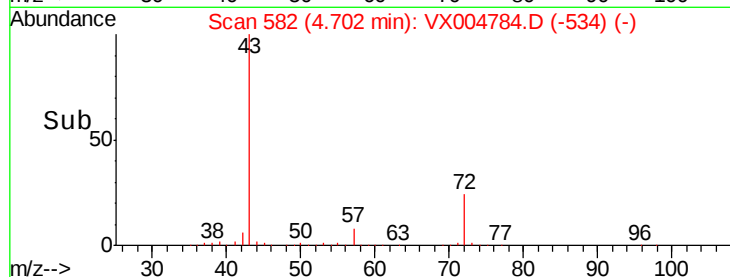
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 46.103 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX004784.D

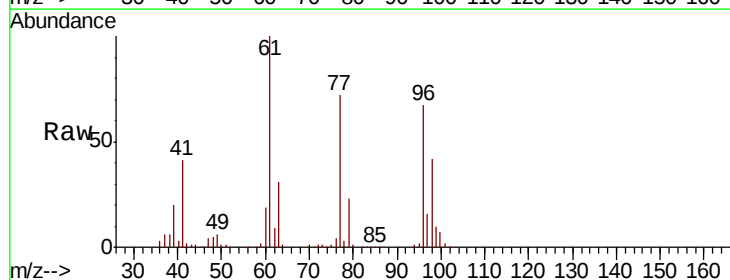
Acq: 27 Sep 2018 19:44

Tgt Ion: 77 Resp: 181618

Ion Ratio Lower Upper

77 100

97 24.0 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

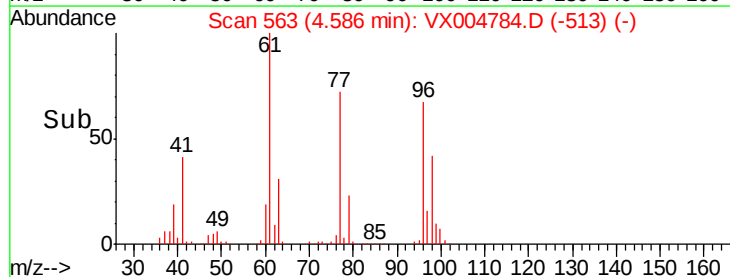
60000

40000

20000

0

Time-->



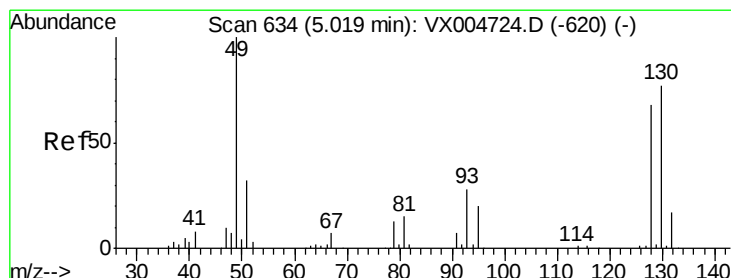
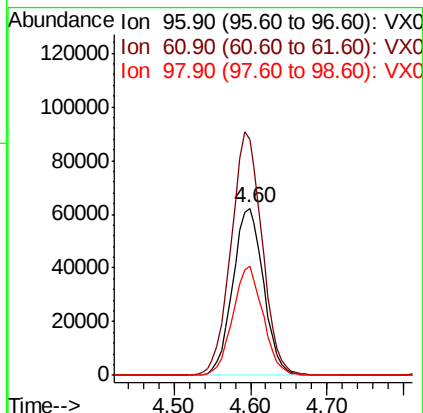
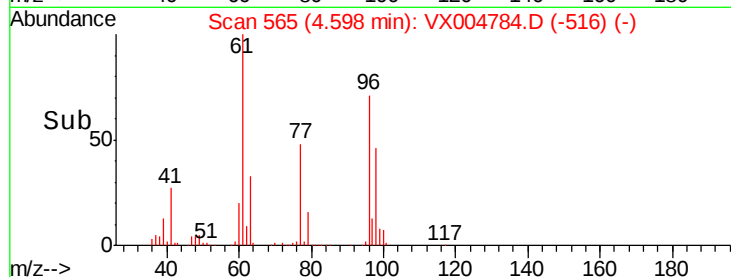
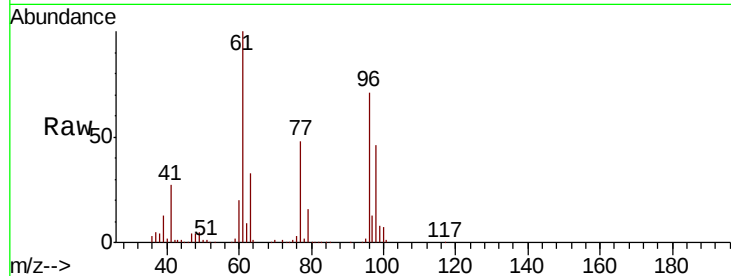


#27

cis-1,2-Dichloroethene
Concen: 54.999 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX004784.D
Acq: 27 Sep 2018 19:44

Instrument :
MSVOA_X
ClientSampleId :
CMT-22-6-SEP18MS

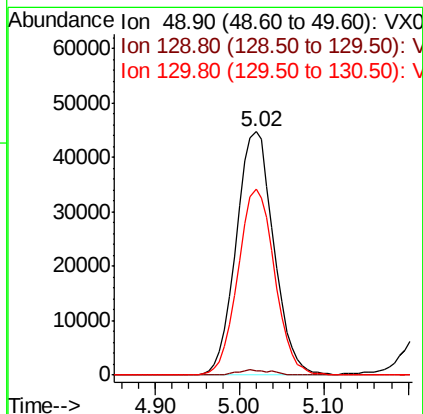
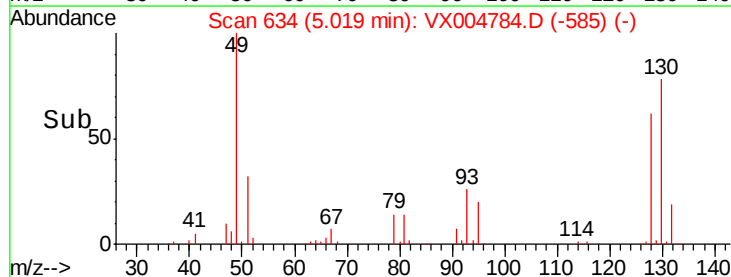
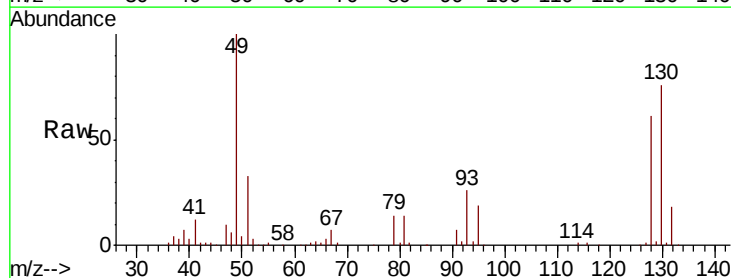
Tot Ion: 96 Resp: 173609
Ion Ratio Lower Upper
96 100
61 147.1 0.0 282.6
98 64.3 0.0 130.2

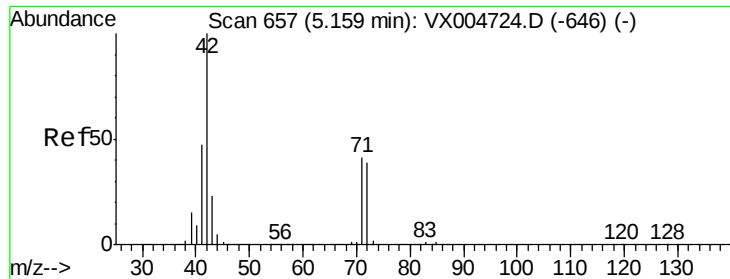


#28

Bromochloromethane
Concen: 50.734 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX004784.D
Acq: 27 Sep 2018 19:44

Tgt Ion: 49 Resp: 135159
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 74.8 67.5 101.3

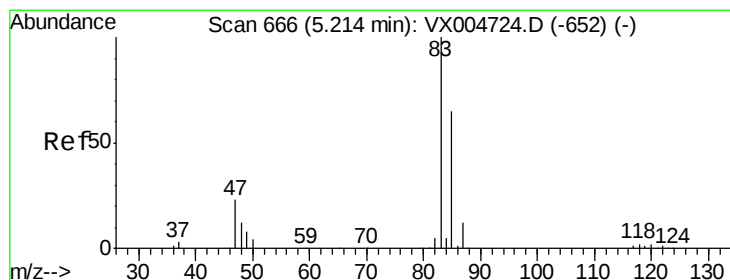
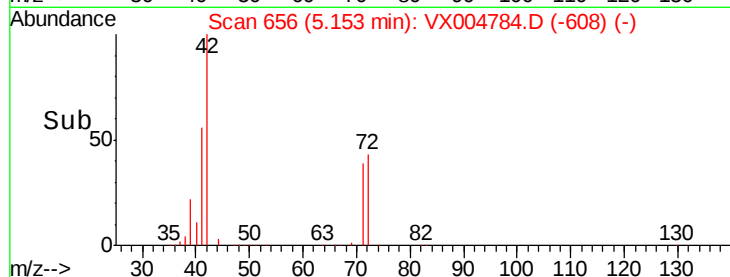
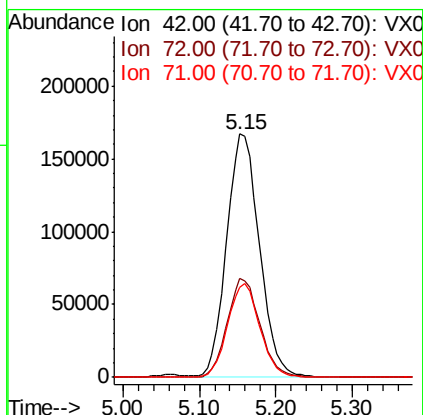
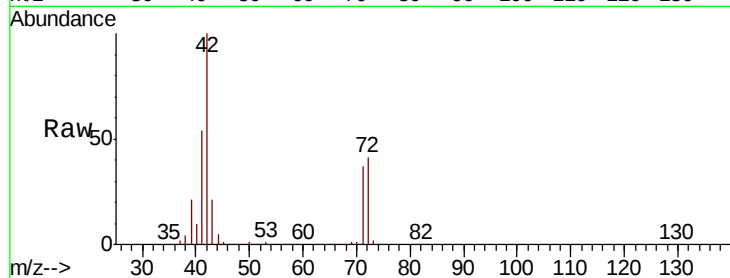




#29
Tetrahydrofuran
Concen: 271.632 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX004784.D
Acq: 27 Sep 2018 19:44

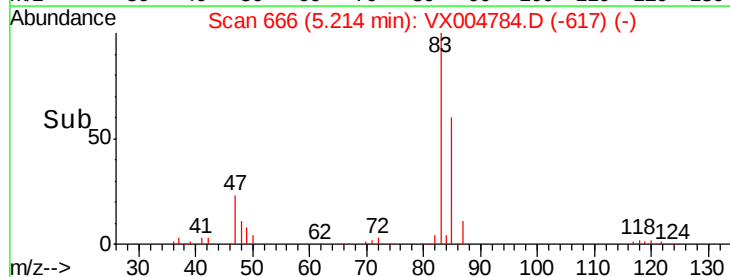
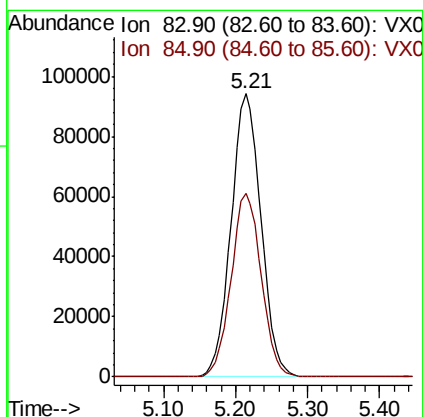
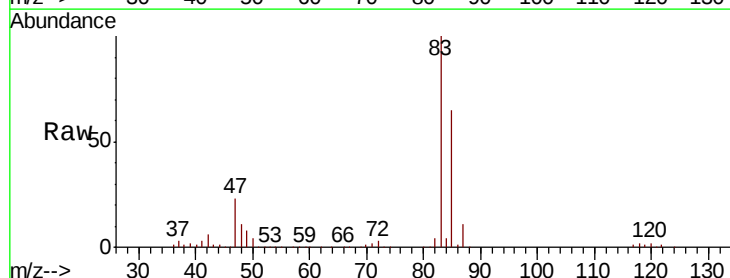
Instrument :
MSVOA_X
ClientSampleId :
CMT-22-6-SEP18MS

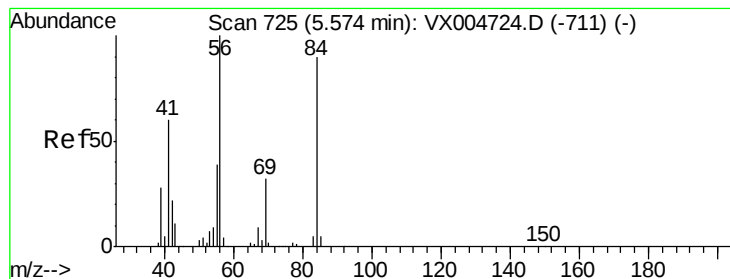
Tot Ion: 42 Resp: 494420
Ion Ratio Lower Upper
42 100
72 40.6 37.4 56.0
71 38.0 34.5 51.7



#30
Chloroform
Concen: 50.965 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX004784.D
Acq: 27 Sep 2018 19:44

Tgt Ion: 83 Resp: 272491
Ion Ratio Lower Upper
83 100
85 65.0 52.6 79.0





#31

Cyclohexane

Concen: 58.549 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX004784.D

Acq: 27 Sep 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

CMT-22-6-SEP18MS

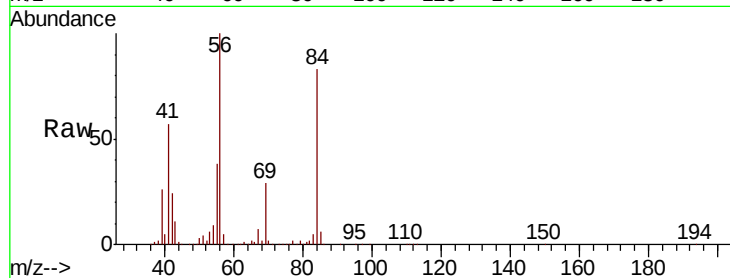
Tot Ion: 56 Resp: 253510

Ion Ratio Lower Upper

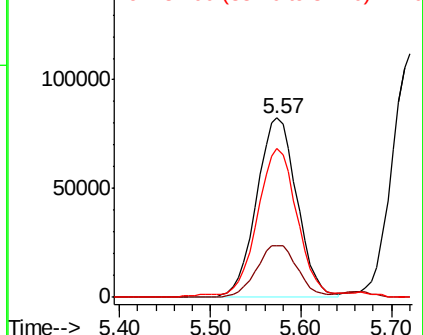
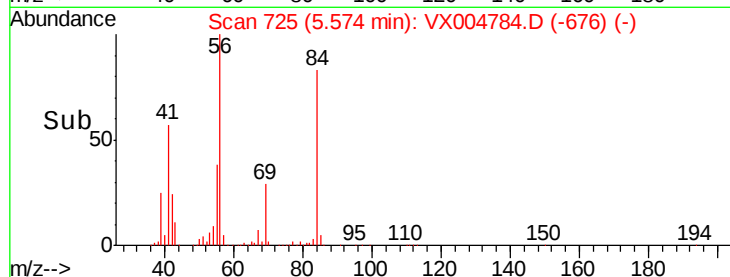
56 100

69 28.7 25.4 38.2

84 82.2 71.4 107.2



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: 53.880 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX004784.D

Acq: 27 Sep 2018 19:44

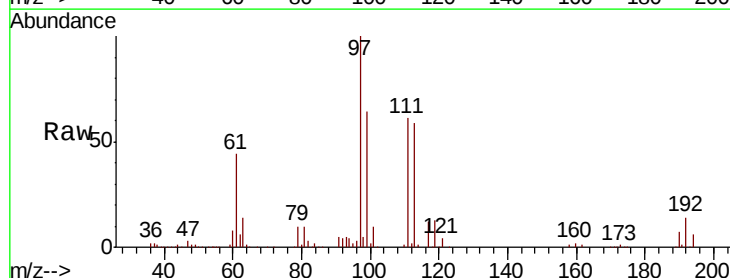
Tgt Ion: 97 Resp: 235264

Ion Ratio Lower Upper

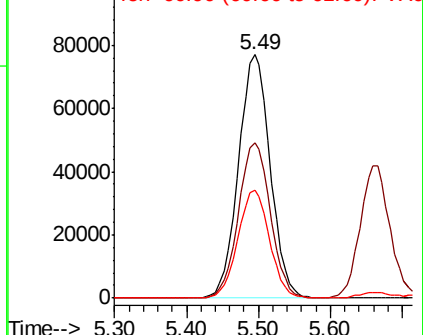
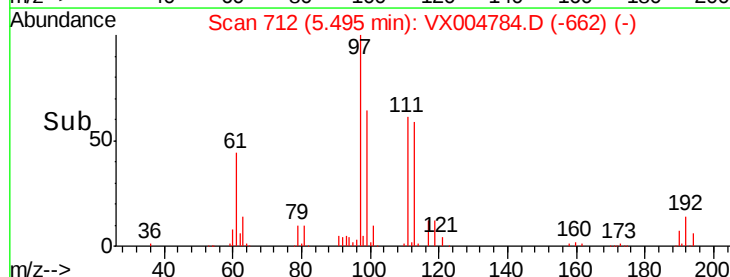
97 100

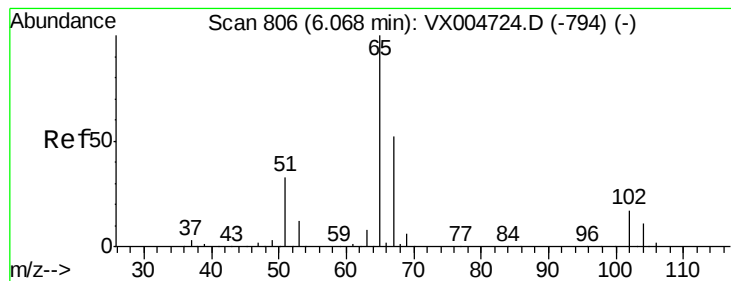
99 64.3 52.0 78.0

61 44.4 34.9 52.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.677 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004784.D

Acq: 27 Sep 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

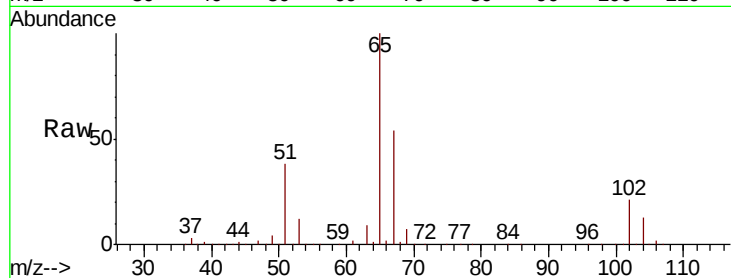
CMT-22-6-SEP18MS

Tot Ion: 65 Resp: 169051

Ion Ratio Lower Upper

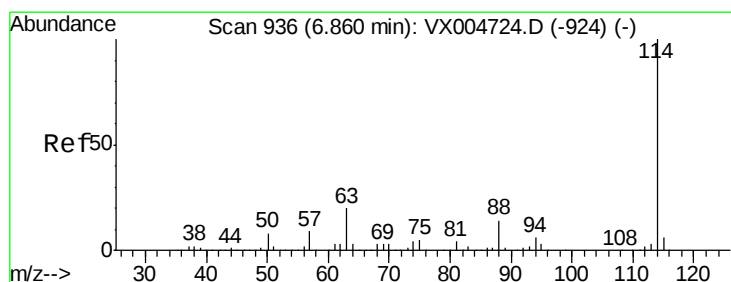
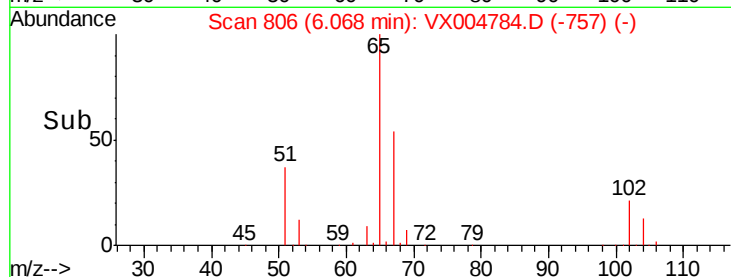
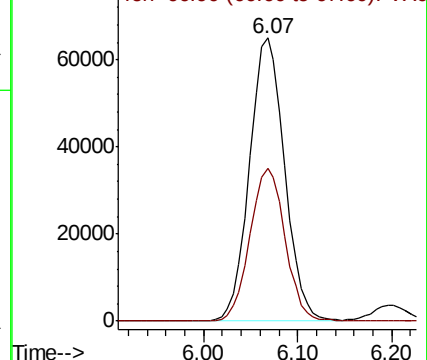
65 100

67 54.0 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX004784.D

Acq: 27 Sep 2018 19:44

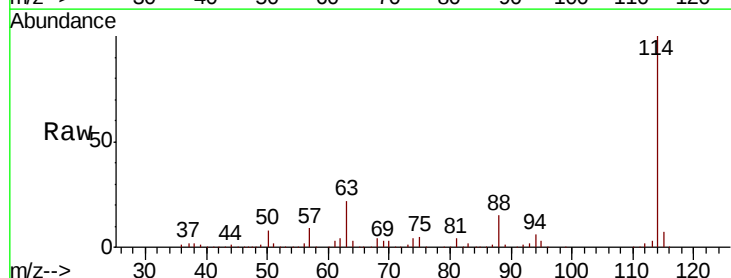
Tgt Ion: 114 Resp: 357395

Ion Ratio Lower Upper

114 100

63 21.7 0.0 39.0

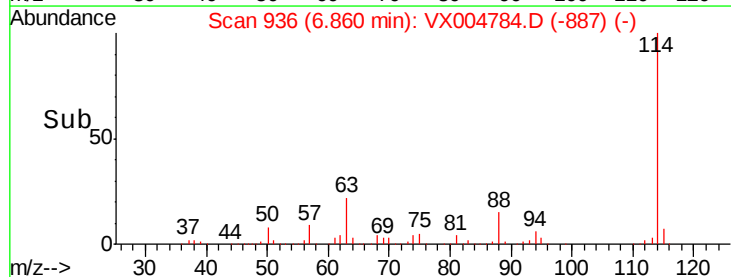
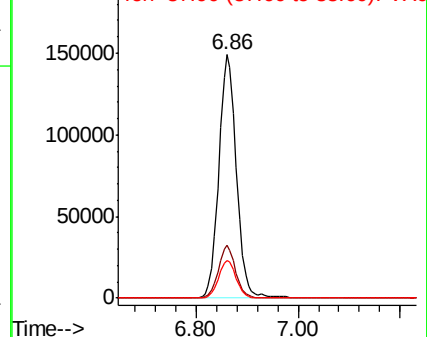
88 15.4 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.544 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX004784.D

Acq: 27 Sep 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

CMT-22-6-SEP18MS

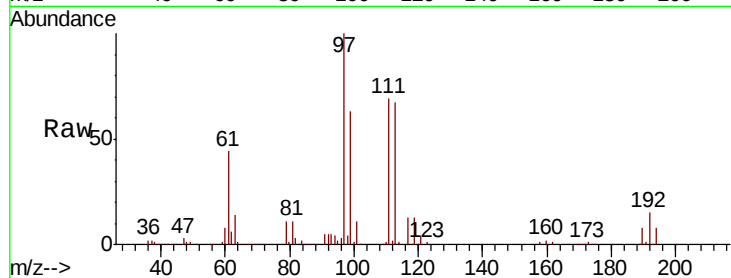
Tot Ion:113 Resp: 137950

Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

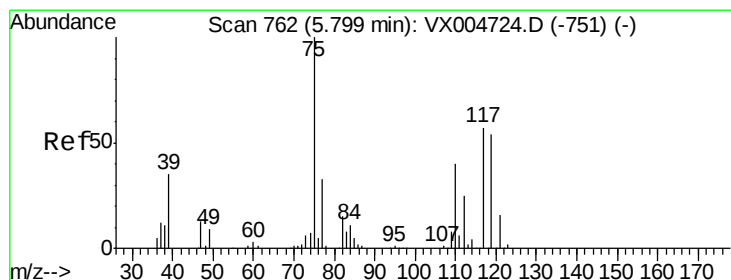
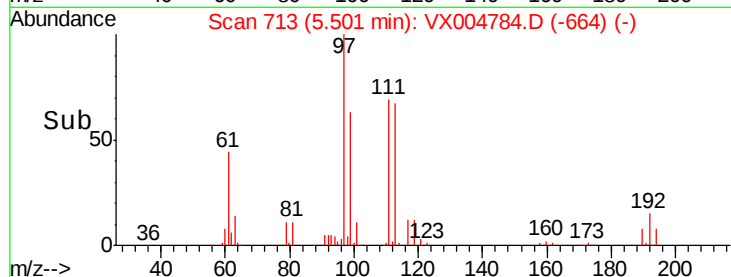
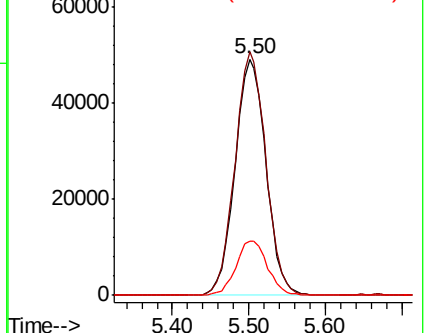
192 23.3 19.4 29.2



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: 48.953 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX004784.D

Acq: 27 Sep 2018 19:44

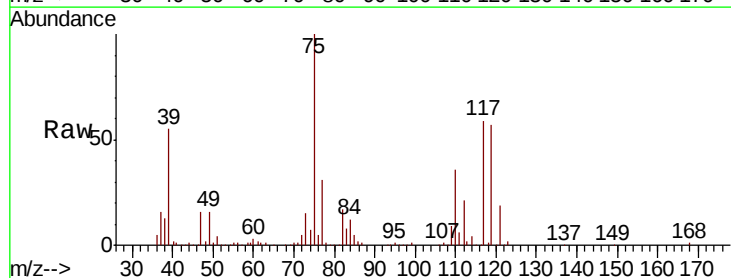
Tgt Ion: 75 Resp: 202305

Ion Ratio Lower Upper

75 100

110 35.9 18.0 54.0

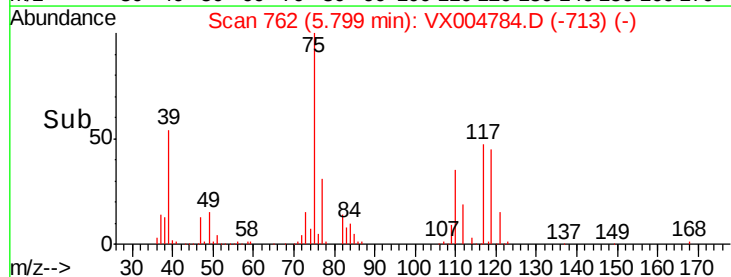
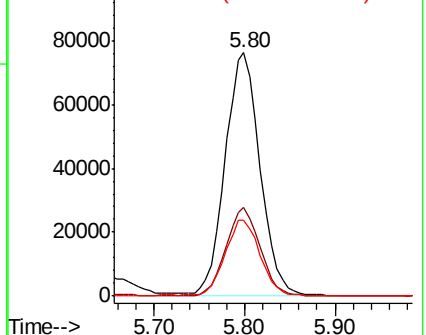
77 31.4 24.6 36.8

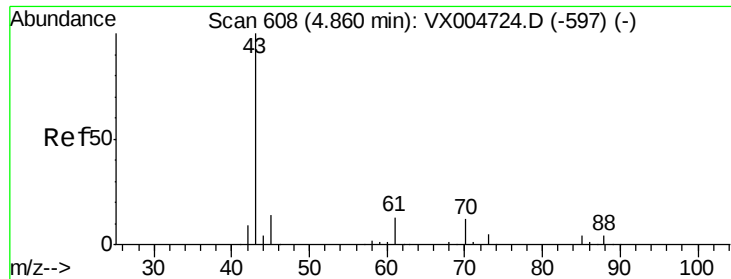


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 47.732 ug/l

RT: 4.86 min Scan# 608

Delta R.T. 0.00 min

Lab File: VX004784.D

Acq: 27 Sep 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

CMT-22-6-SEP18MS

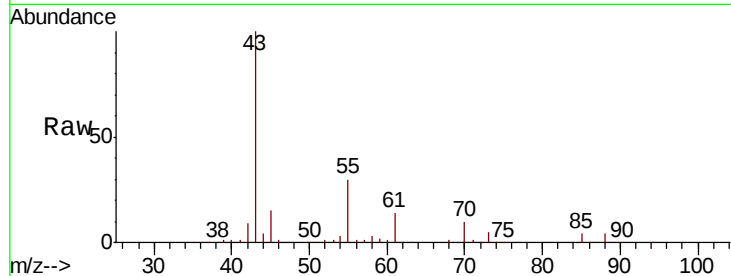
Tot Ion: 43 Resp: 261845

Ion Ratio Lower Upper

43 100

61 13.8 11.5 17.3

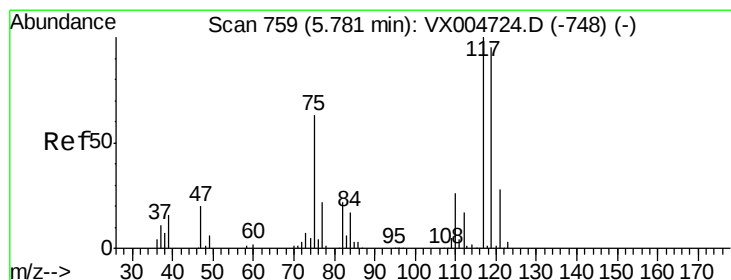
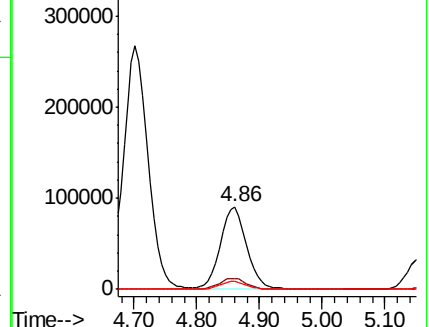
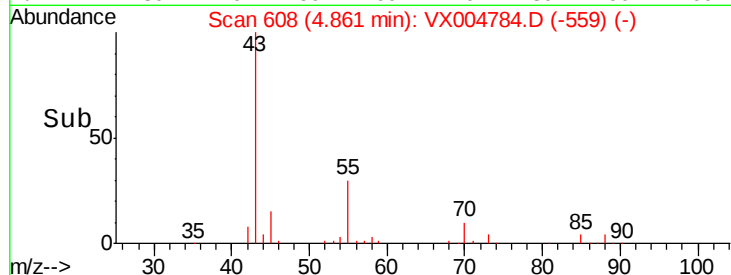
70 10.0 9.0 13.6



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: 47.440 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX004784.D

Acq: 27 Sep 2018 19:44

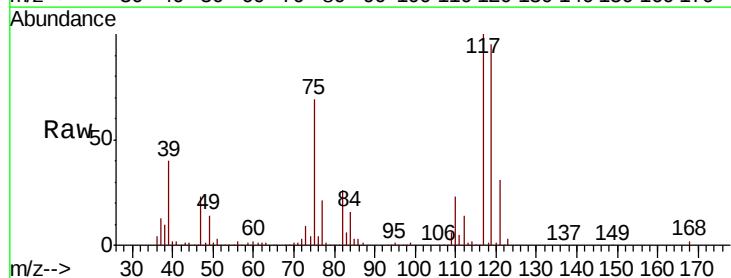
Tgt Ion: 117 Resp: 206088

Ion Ratio Lower Upper

117 100

119 95.0 78.8 118.2

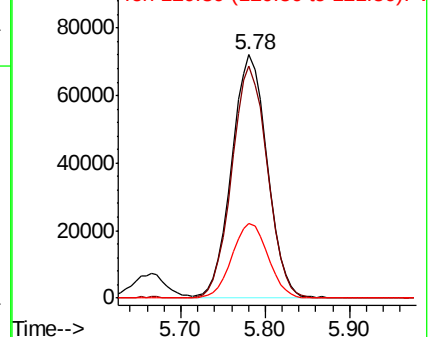
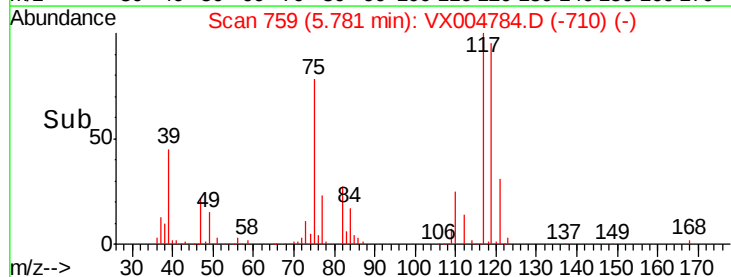
121 30.7 24.9 37.3

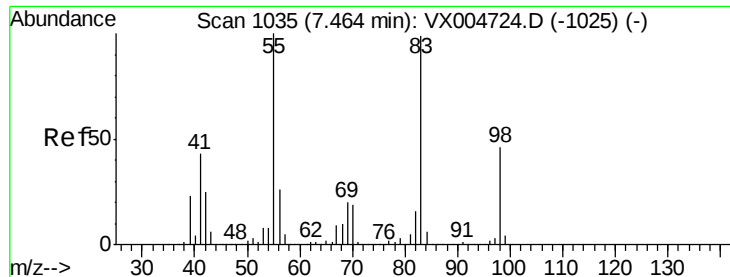


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

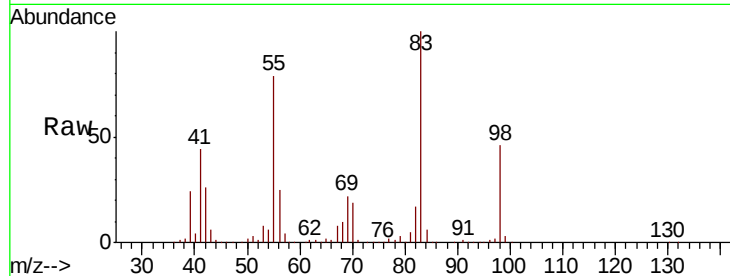




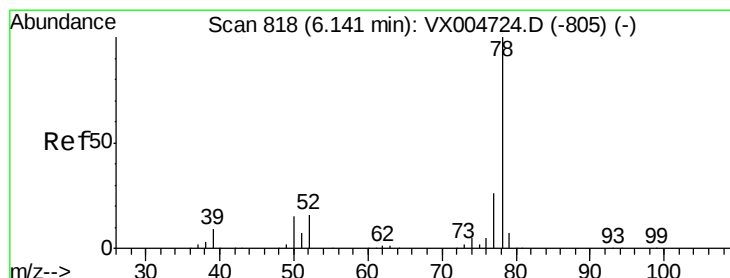
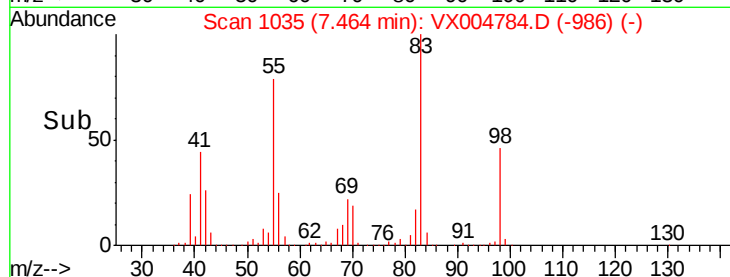
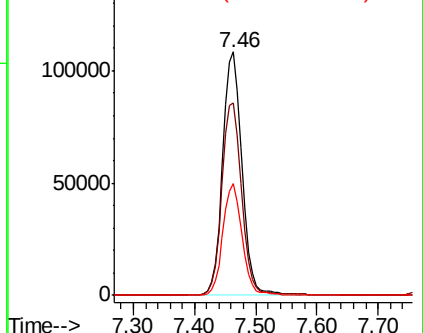
#39
Methvlcvclohexane
Concen: 56.590 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX004784.D
Acq: 27 Sep 2018 19:44

Instrument :
MSVOA_X
ClientSampleId :
CMT-22-6-SEP18MS

Tot Ion: 83 Resp: 238802
Ion Ratio Lower Upper
83 100
55 78.9 61.0 91.4
98 45.9 39.6 59.4

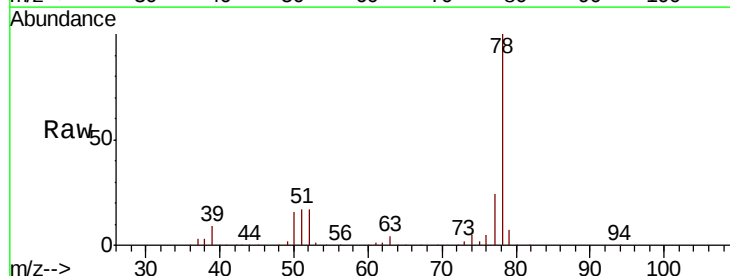


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

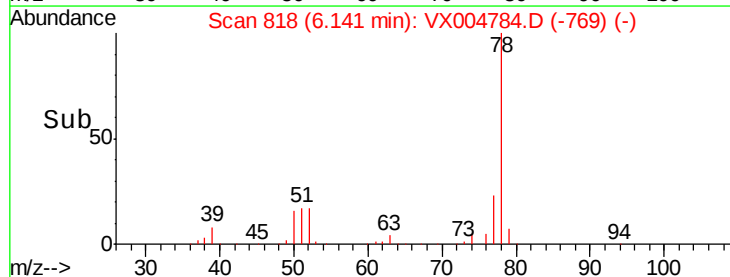
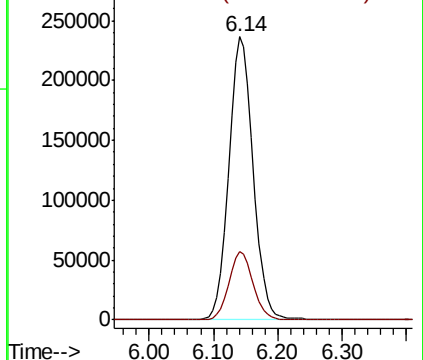


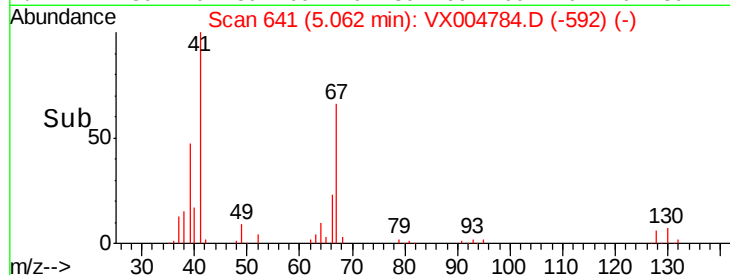
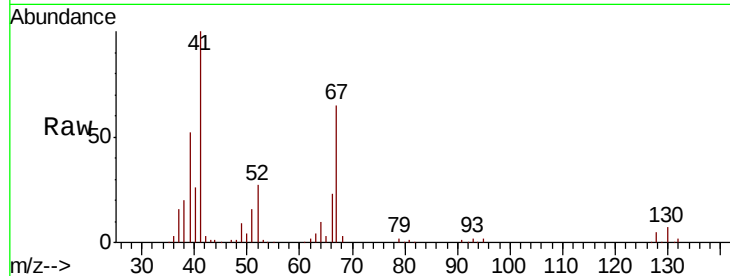
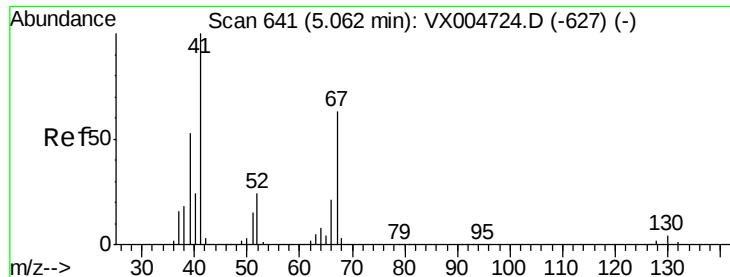
#40
Benzene
Concen: 48.371 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004784.D
Acq: 27 Sep 2018 19:44

Tgt Ion: 78 Resp: 625830
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4



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

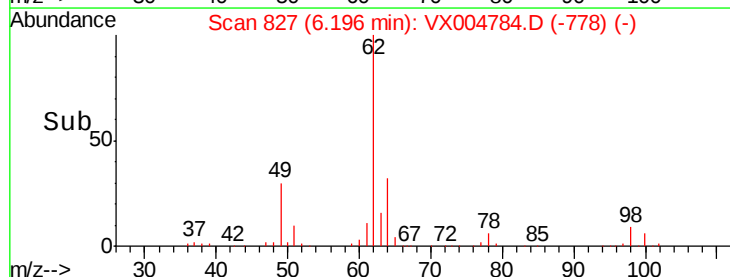
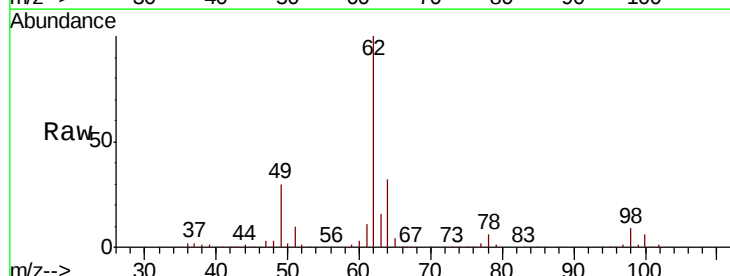
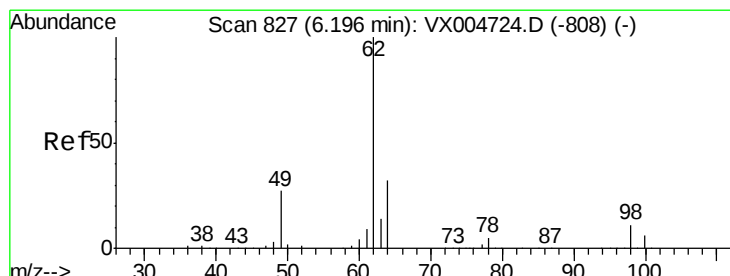
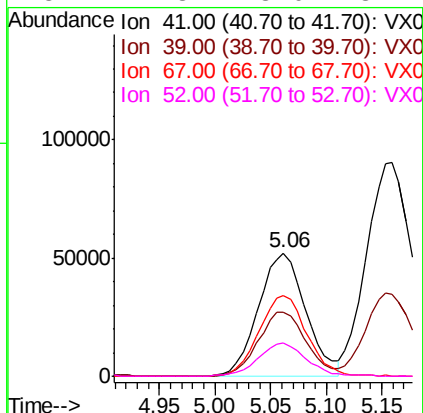




#41
Methacrylonitrile
Concen: 50.435 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX004784.D
Acq: 27 Sep 2018 19:44

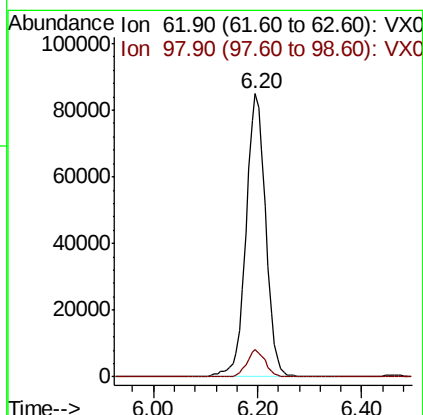
Instrument :
MSVOA_X
ClientSampleId :
CMT-22-6-SEP18MS

Tot Ion:	41	Resp:	153434
Ion	Ratio	Lower	Upper
41	100		
39	52.8	42.4	63.6
67	66.9	59.2	88.8
52	27.3	23.0	34.4



#42
1,2-Dichloroethane
Concen: 48.428 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX004784.D
Acq: 27 Sep 2018 19:44

Tgt Ion:	62	Resp:	221496
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	20.6



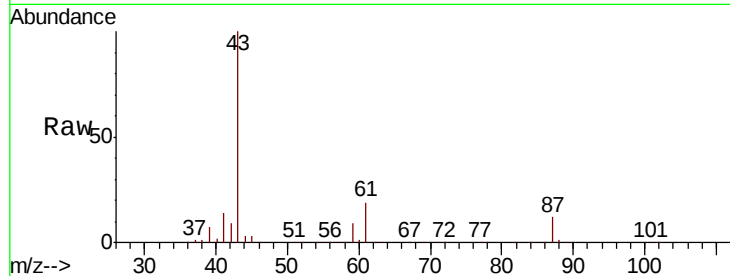


#43

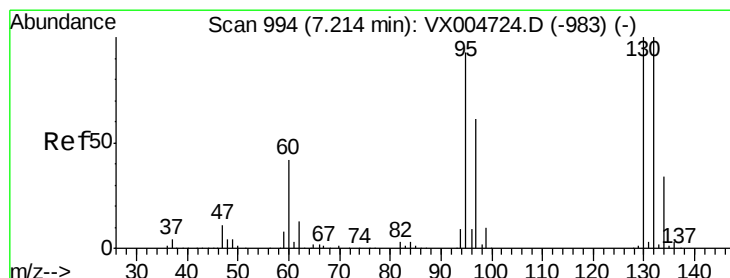
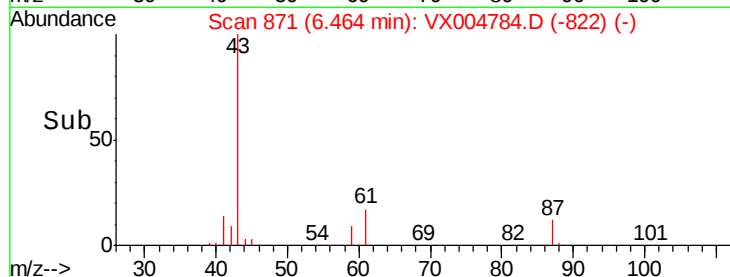
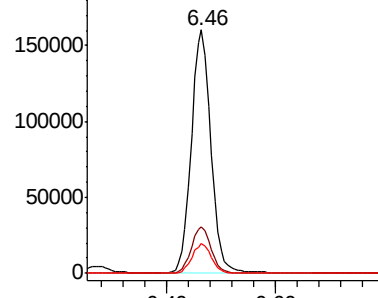
Isopropyl Acetate
 Concen: 50.476 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: VX004784.D
 Acq: 27 Sep 2018 19:44

Instrument :
 MSVOA_X
 ClientSampleId :
 CMT-22-6-SEP18MS

Tot Ion: 43 Resp: 399657
 Ion Ratio Lower Upper
 43 100
 61 19.4 17.0 25.4
 87 12.1 11.4 17.2



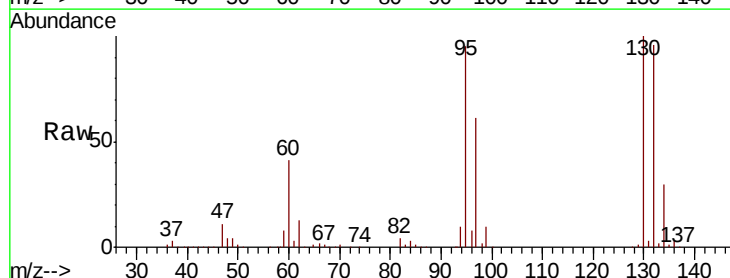
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



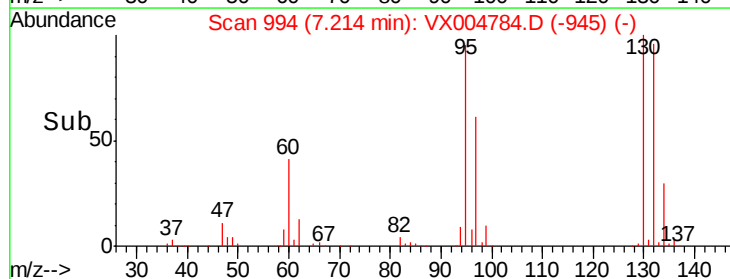
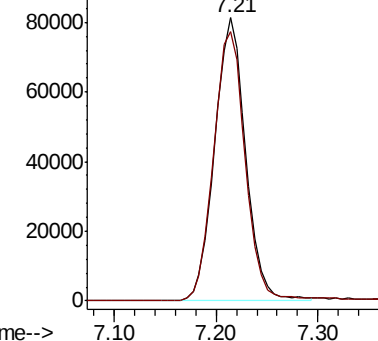
#44

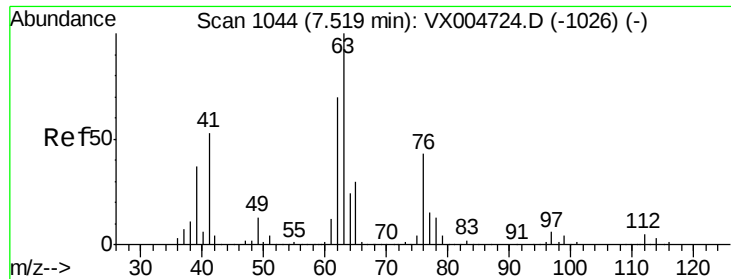
Trichloroethene
 Concen: 53.975 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX004784.D
 Acq: 27 Sep 2018 19:44

Tgt Ion: 130 Resp: 171672
 Ion Ratio Lower Upper
 130 100
 95 94.9 0.0 181.6



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





#45

1,2-Dichloropropane

Concen: 53.315 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX004784.D

Acq: 27 Sep 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

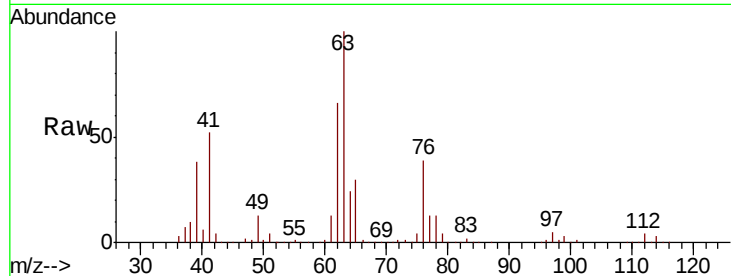
CMT-22-6-SEP18MS

Tot Ion: 63 Resp: 169157

Ion Ratio Lower Upper

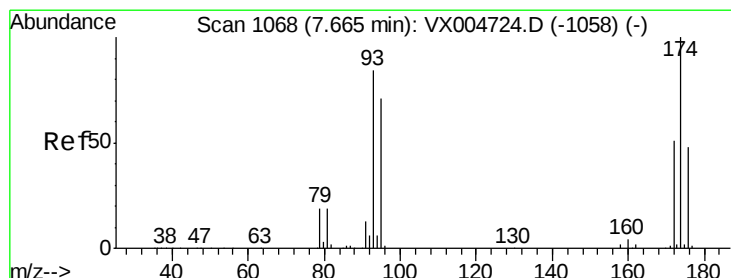
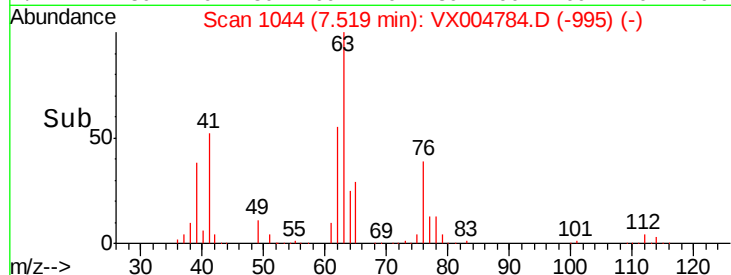
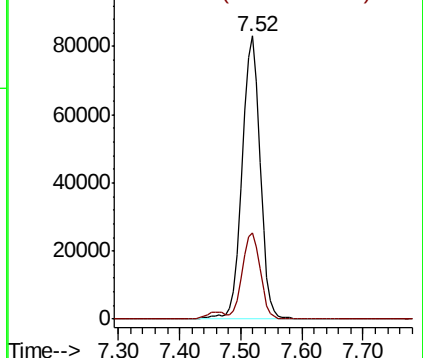
63 100

65 30.4 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 53.545 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX004784.D

Acq: 27 Sep 2018 19:44

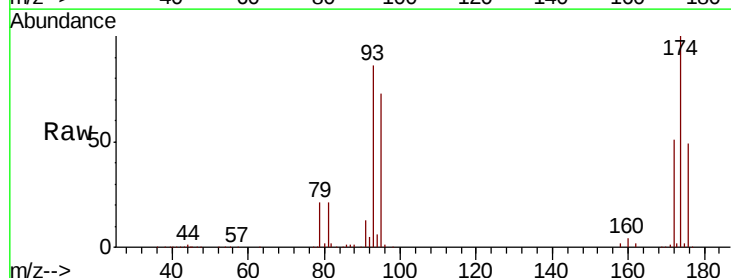
Tgt Ion: 93 Resp: 106767

Ion Ratio Lower Upper

93 100

95 84.1 65.5 98.3

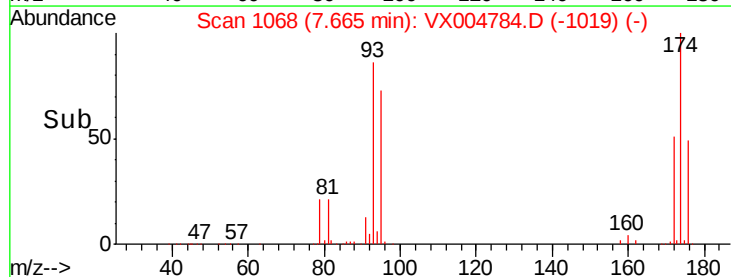
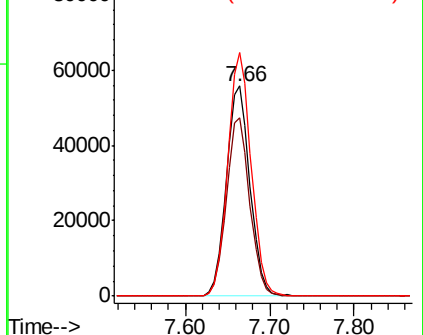
174 114.1 94.2 141.4

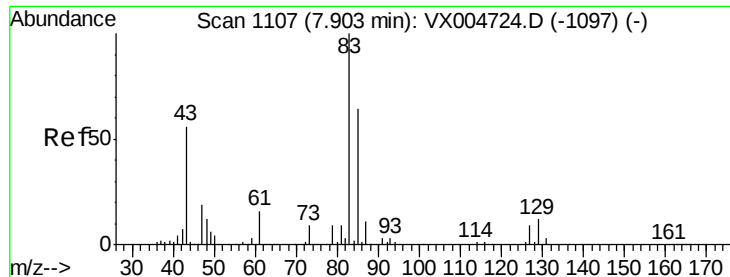


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 55.104 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX004784.D

Acq: 27 Sep 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

CMT-22-6-SEP18MS

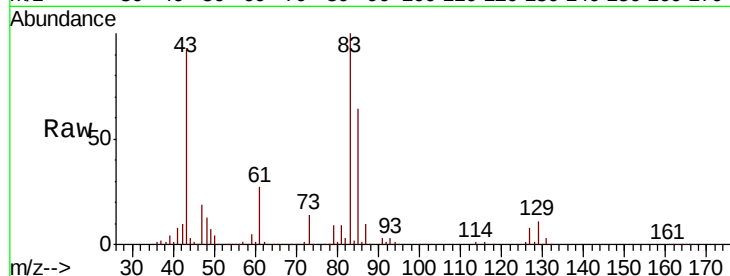
Tot Ion: 83 Resp: 205720

Ion Ratio Lower Upper

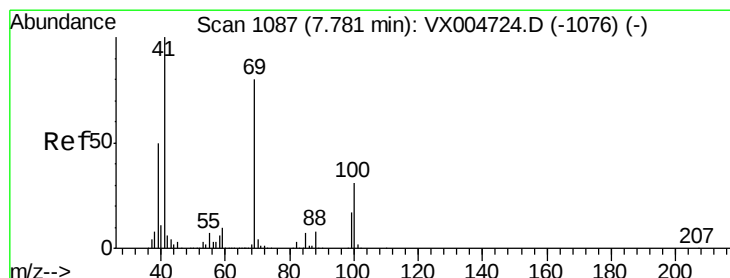
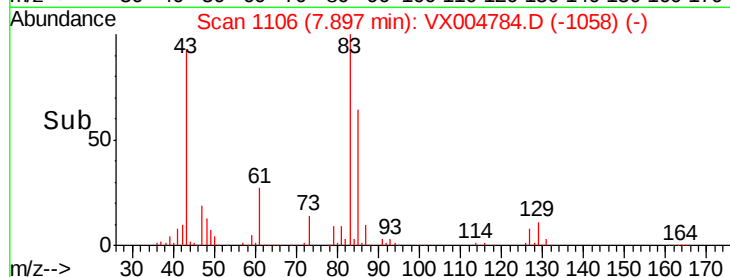
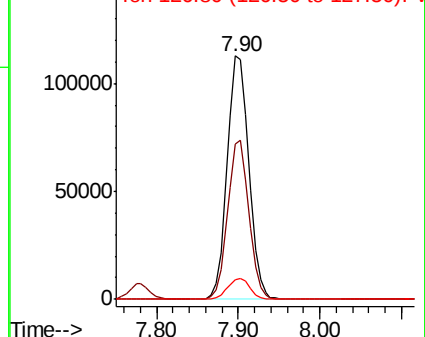
83 100

85 63.5 50.9 76.3

127 8.2 7.3 10.9



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: 58.961 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX004784.D

Acq: 27 Sep 2018 19:44

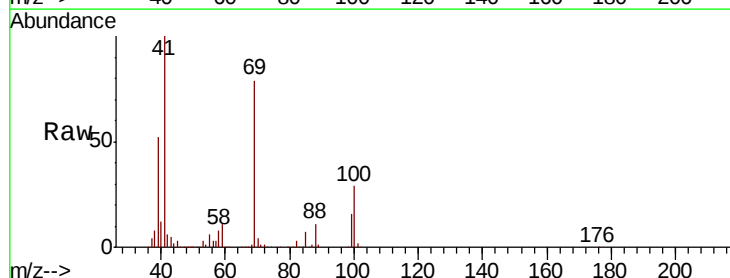
Tgt Ion: 41 Resp: 211892

Ion Ratio Lower Upper

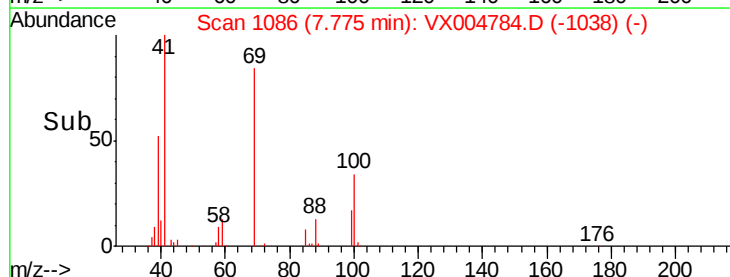
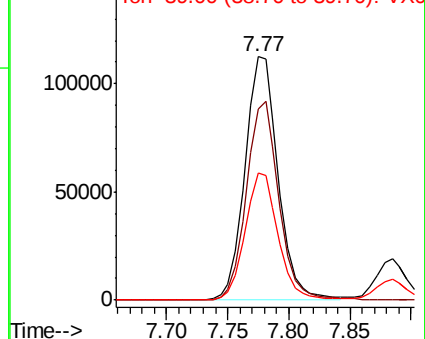
41 100

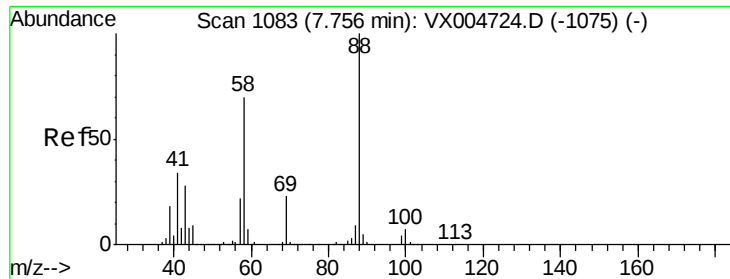
69 80.8 70.2 105.4

39 51.5 42.7 64.1



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

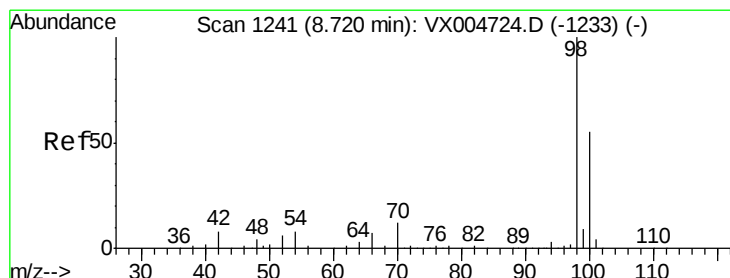
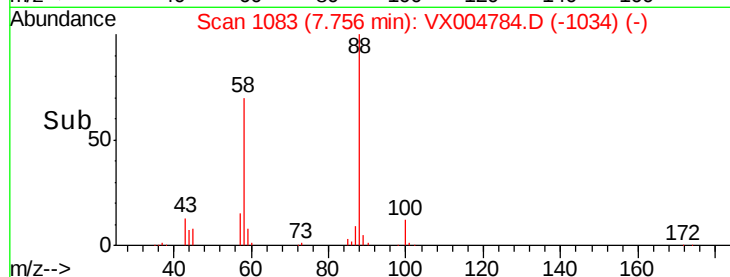
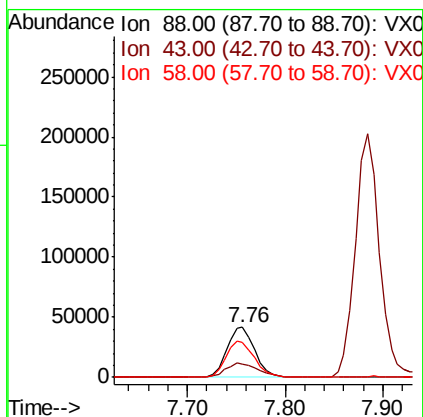
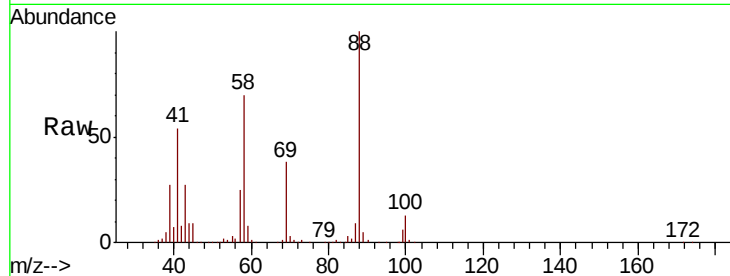




#49
1,4-Dioxane
Concen: 917.021 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX004784.D
Acq: 27 Sep 2018 19:44

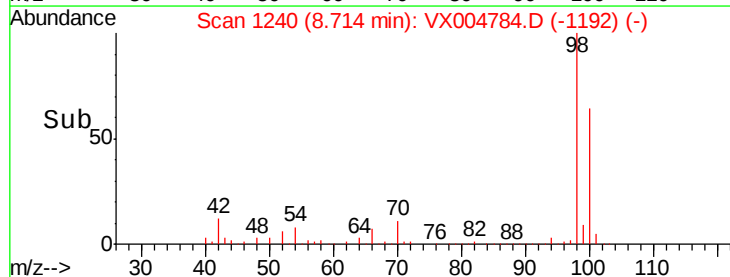
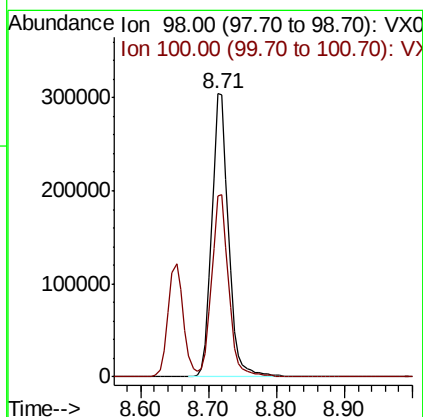
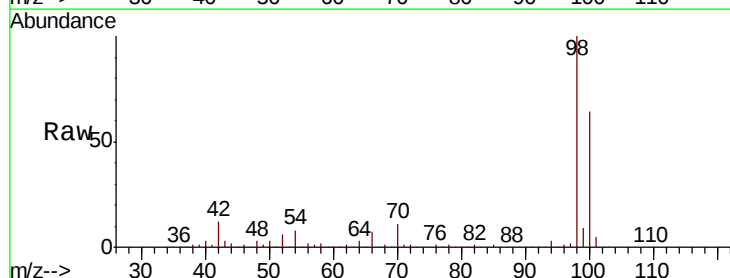
Instrument :
MSVOA_X
ClientSampleId :
CMT-22-6-SEP18MS

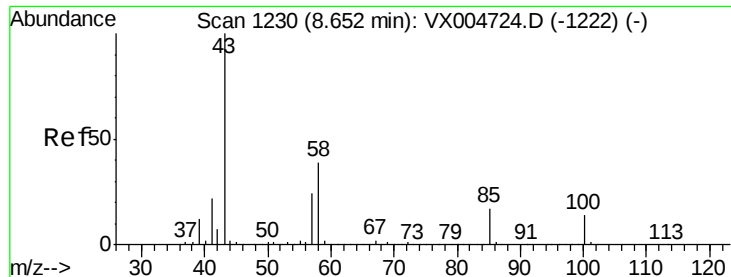
Tot Ion: 88 Resp: 81874
Ion Ratio Lower Upper
88 100
43 33.6 24.7 37.1
58 74.2 55.3 82.9



#50
Toluene-d8
Concen: 51.781 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004784.D
Acq: 27 Sep 2018 19:44

Tgt Ion: 98 Resp: 521420
Ion Ratio Lower Upper
98 100
100 65.2 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 285.014 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VX004784.D

Acq: 27 Sep 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

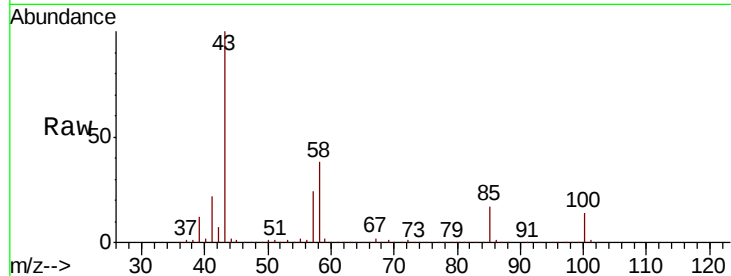
CMT-22-6-SEP18MS

Tot Ion: 43 Resp: 1420902

Ion Ratio Lower Upper

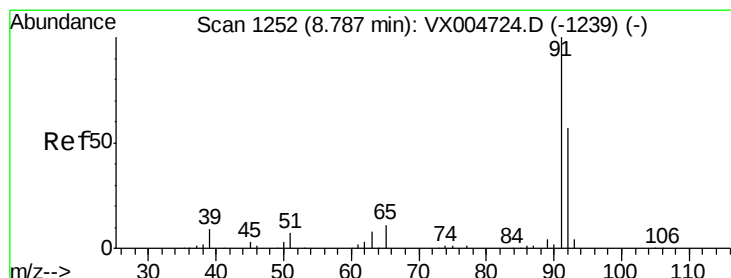
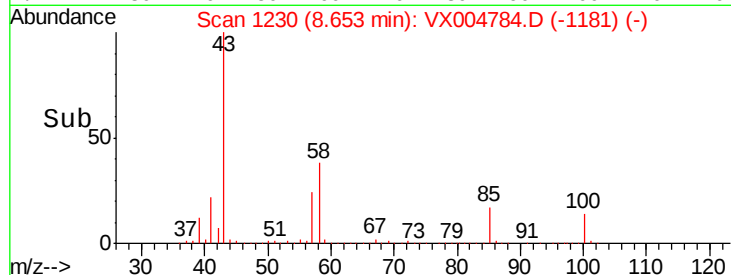
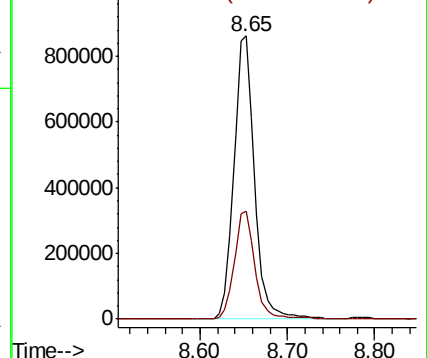
43 100

58 38.3 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 54.437 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX004784.D

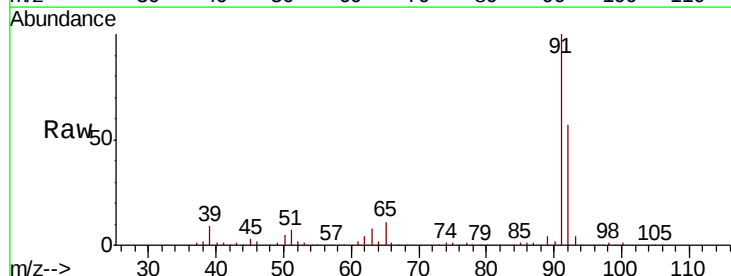
Acq: 27 Sep 2018 19:44

Tgt Ion: 92 Resp: 387003

Ion Ratio Lower Upper

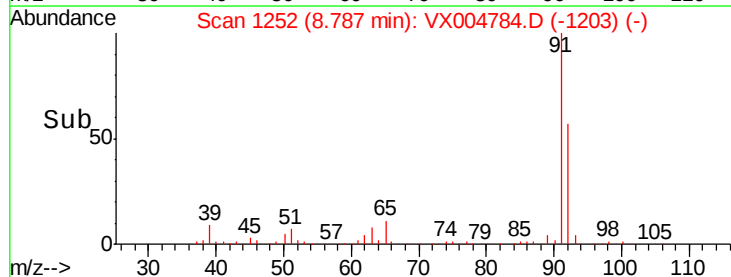
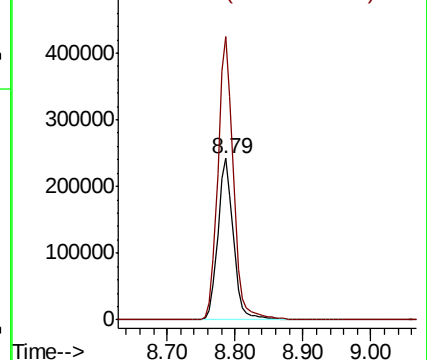
92 100

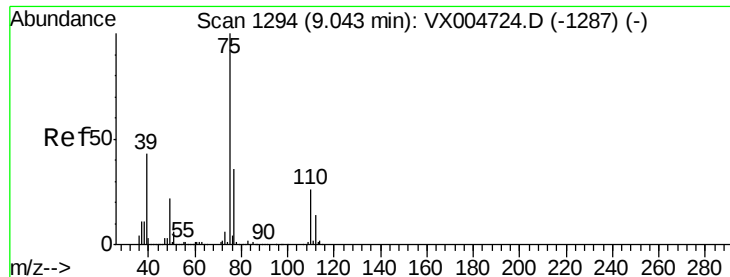
91 174.3 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 54.094 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX004784.D

Acq: 27 Sep 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

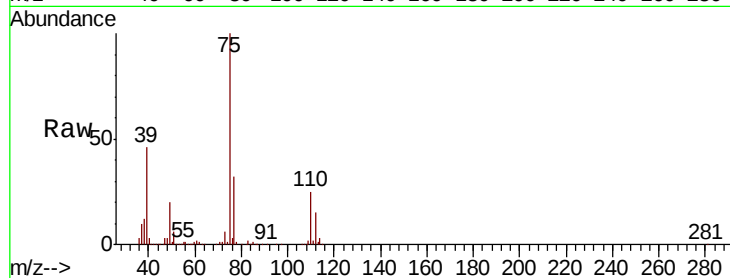
CMT-22-6-SEP18MS

Tot Ion: 75 Resp: 228207

Ion Ratio Lower Upper

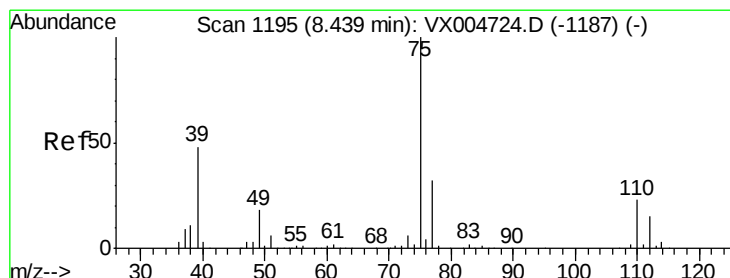
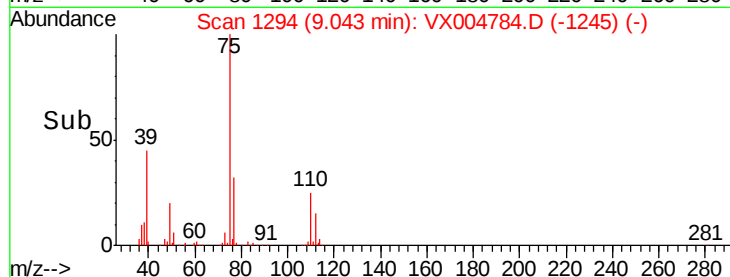
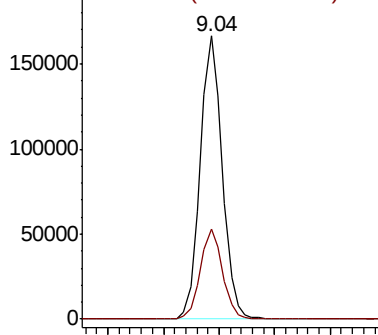
75 100

77 31.8 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 54.303 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.00 min

Lab File: VX004784.D

Acq: 27 Sep 2018 19:44

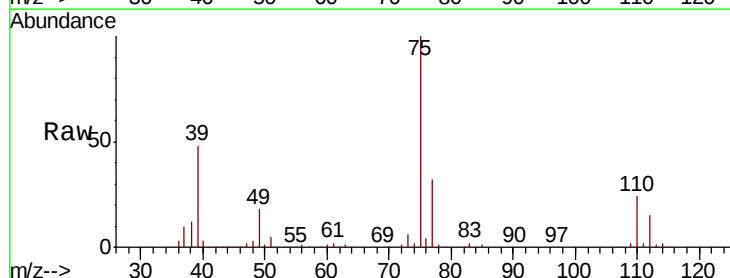
Tgt Ion: 75 Resp: 239956

Ion Ratio Lower Upper

75 100

77 32.2 26.2 39.2

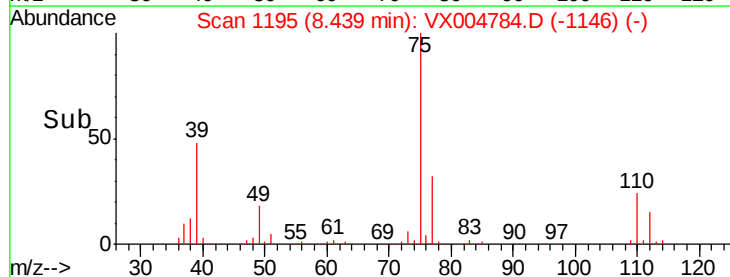
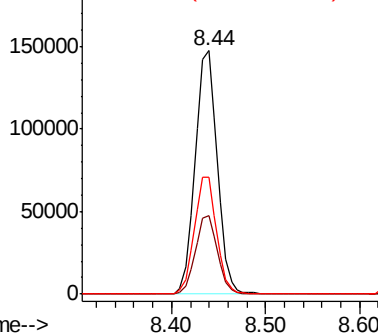
39 47.7 36.4 54.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 51.454 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VX004784.D

Acq: 27 Sep 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

CMT-22-6-SEP18MS

Tot Ion: 97 Resp: 160231

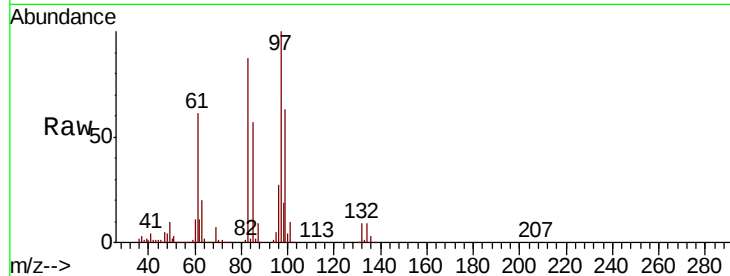
Ion Ratio Lower Upper

97 100

83 86.8 66.4 99.6

85 56.7 43.3 64.9

99 63.4 49.0 73.4

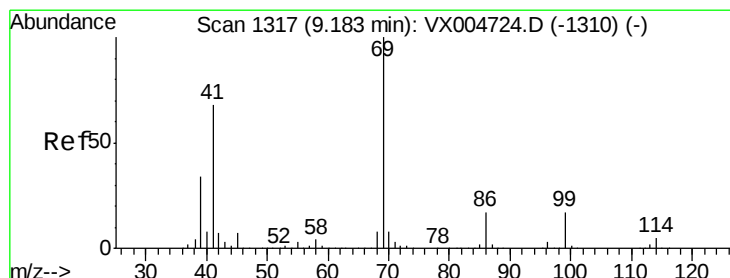
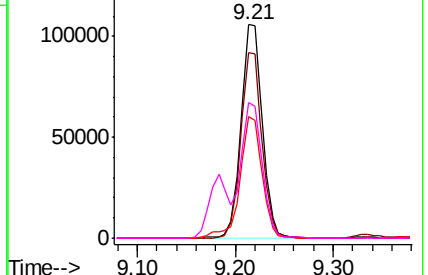
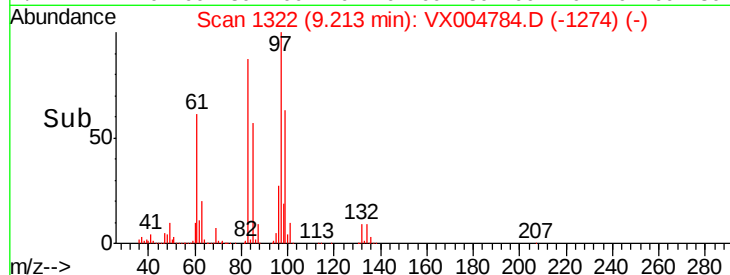


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 50.503 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX004784.D

Acq: 27 Sep 2018 19:44

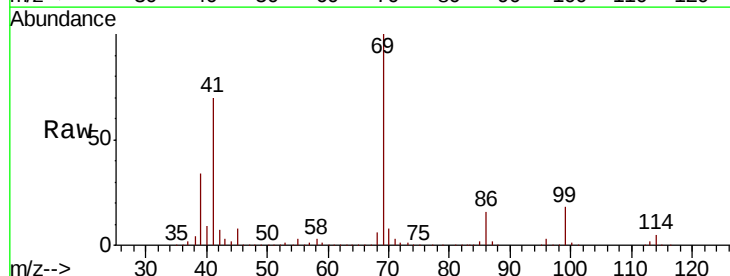
Tgt Ion: 69 Resp: 255364

Ion Ratio Lower Upper

69 100

41 70.0 51.0 76.4

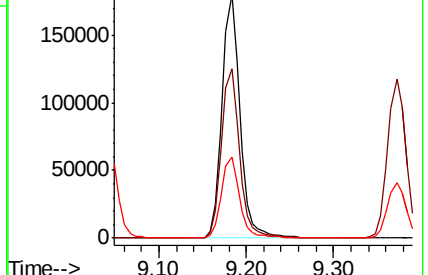
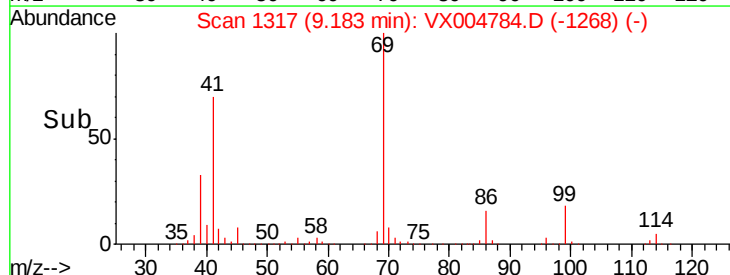
39 33.6 26.1 39.1



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: 52.366 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX004784.D

Acq: 27 Sep 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

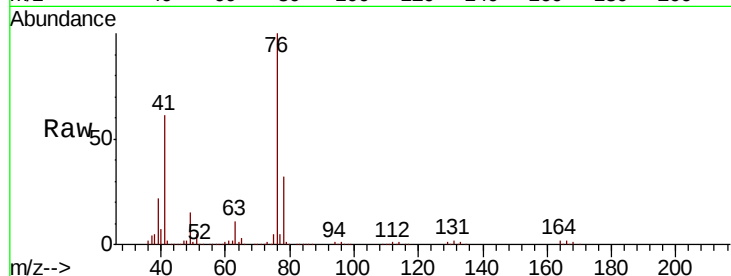
CMT-22-6-SEP18MS

Tot Ion: 76 Resp: 271406

Ion Ratio Lower Upper

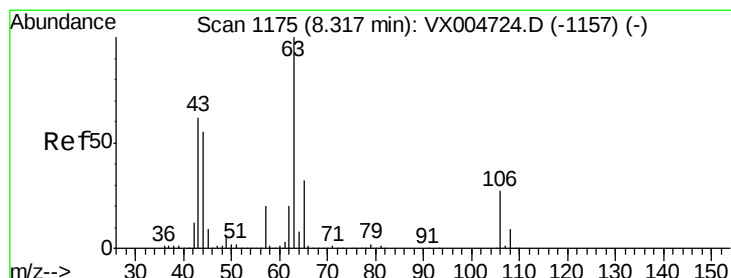
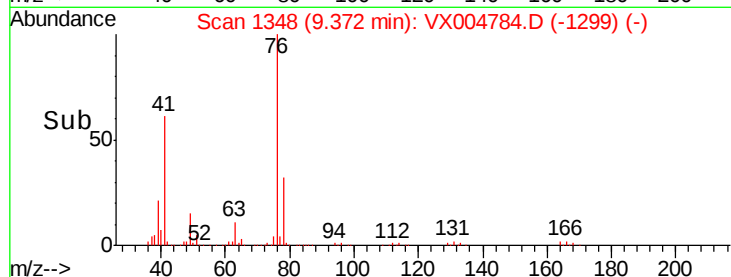
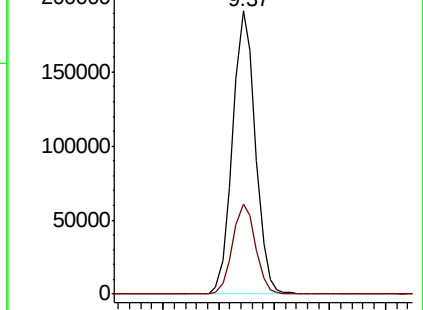
76 100

78 32.2 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 14.670 ug/l

RT: 8.27 min Scan# 1168

Delta R.T. -0.04 min

Lab File: VX004784.D

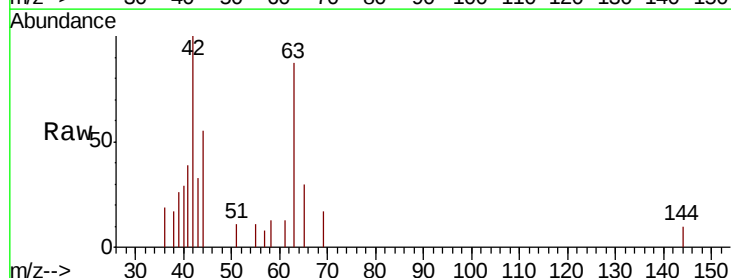
Acq: 27 Sep 2018 19:44

Tgt Ion: 63 Resp: 1218

Ion Ratio Lower Upper

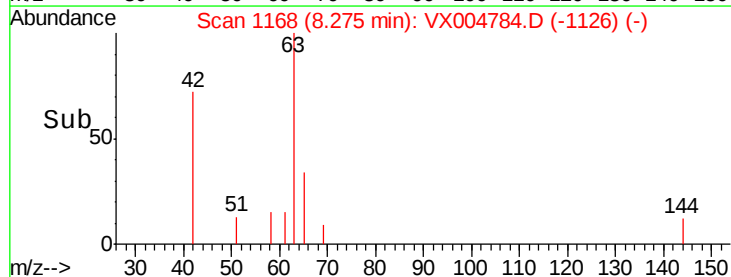
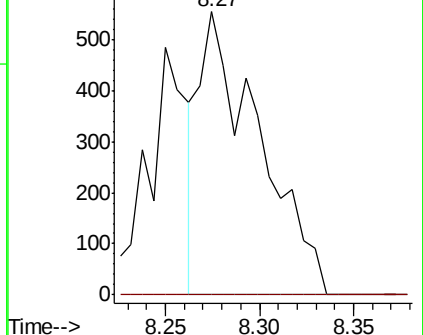
63 100

106 0.0 23.9 35.9#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

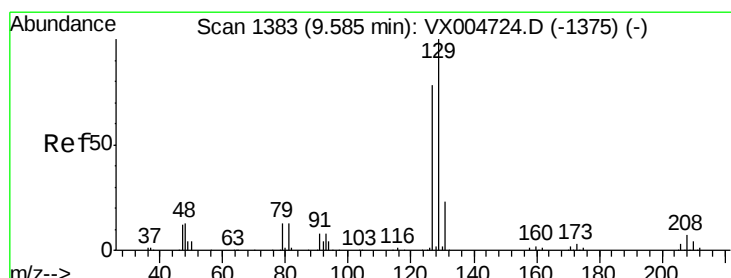
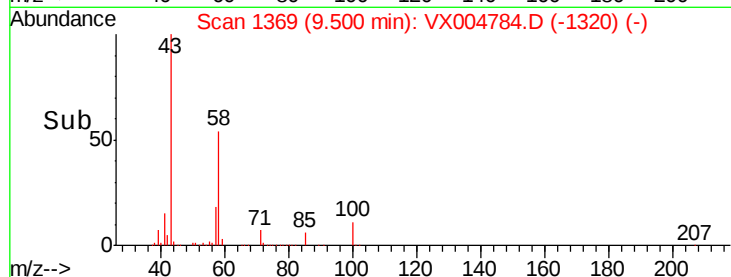
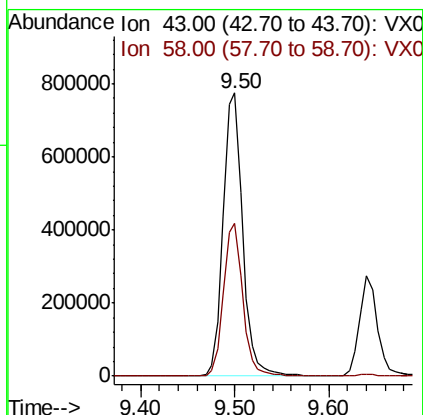
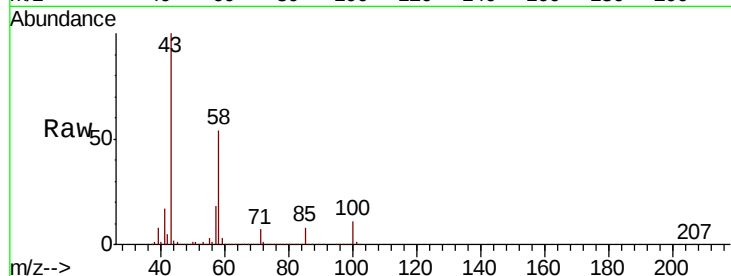




#59
2-Hexanone
Concen: 269.095 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX004784.D
Acq: 27 Sep 2018 19:44

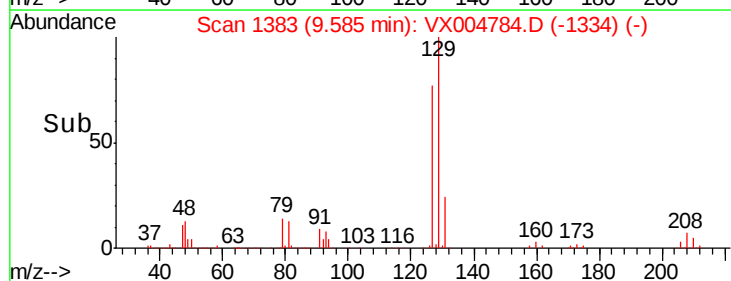
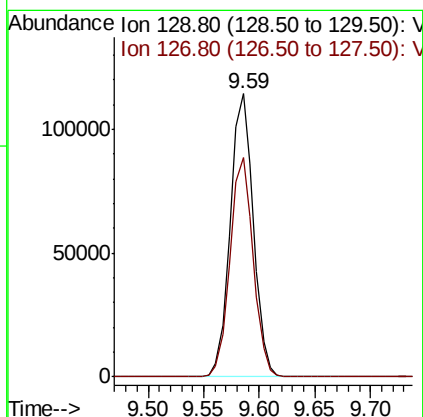
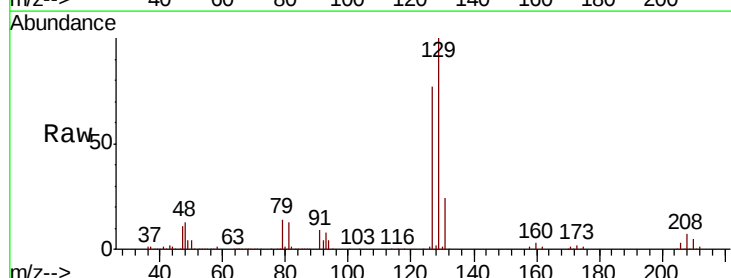
Instrument :
MSVOA_X
ClientSampleId :
CMT-22-6-SEP18MS

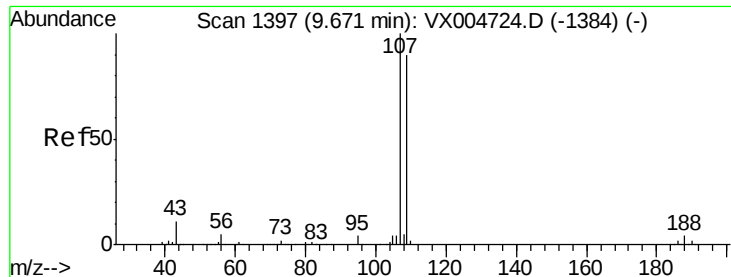
Tot Ion: 43 Resp: 1117930
Ion Ratio Lower Upper
43 100
58 53.2 29.0 87.0



#60
Dibromochloromethane
Concen: 52.588 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX004784.D
Acq: 27 Sep 2018 19:44

Tgt Ion:129 Resp: 163776
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5

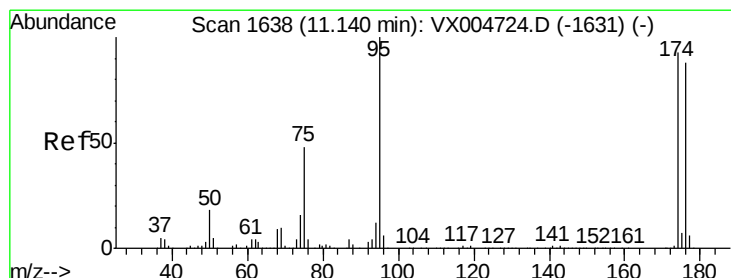
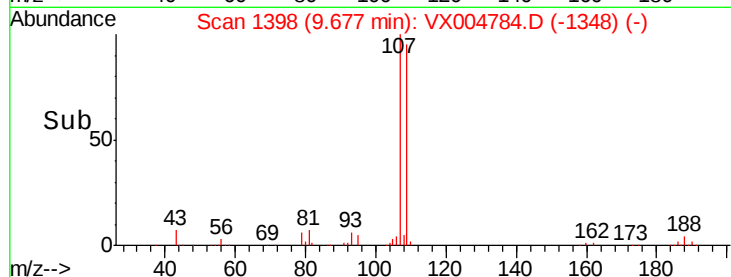
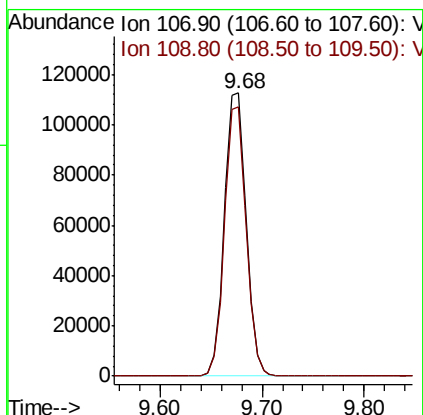
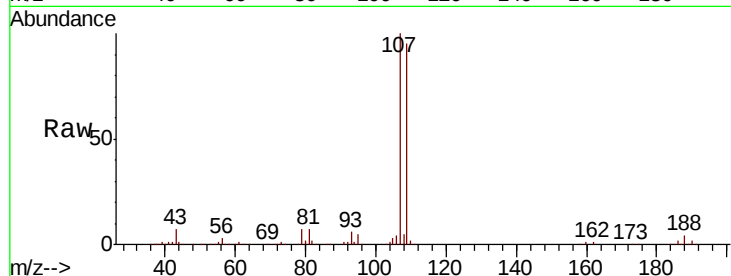




#61
 1,2-Dibromoethane
 Concen: 49.978 ug/l
 RT: 9.68 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: VX004784.D
 Acq: 27 Sep 2018 19:44

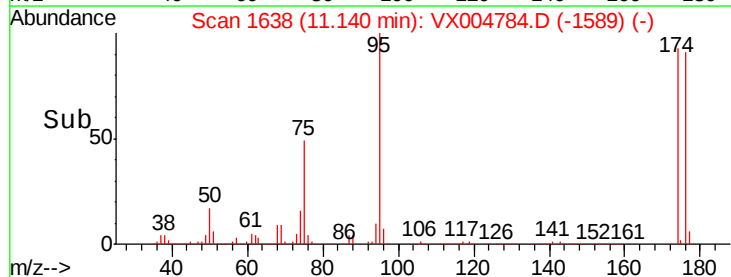
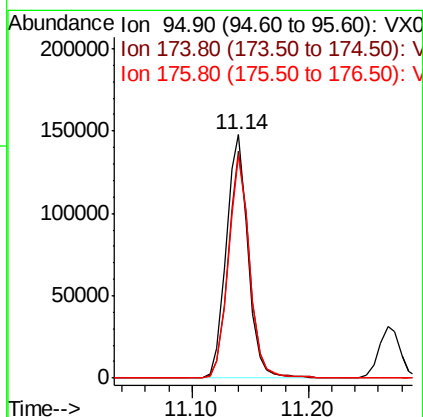
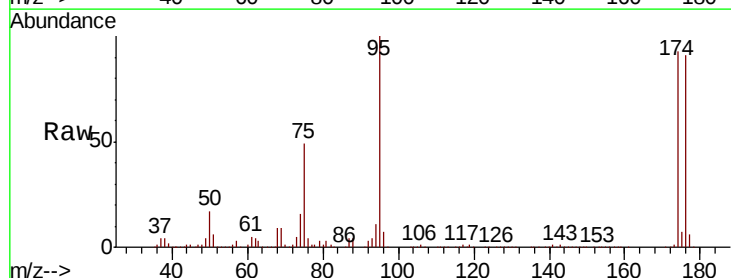
Instrument :
 MSVOA_X
 ClientSampleId :
 CMT-22-6-SEP18MS

Tot Ion:107 Resp: 166678
 Ion Ratio Lower Upper
 107 100
 109 94.4 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 52.685 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: VX004784.D
 Acq: 27 Sep 2018 19:44

Tgt Ion: 95 Resp: 191126
 Ion Ratio Lower Upper
 95 100
 174 90.9 0.0 185.2
 176 88.9 0.0 178.6

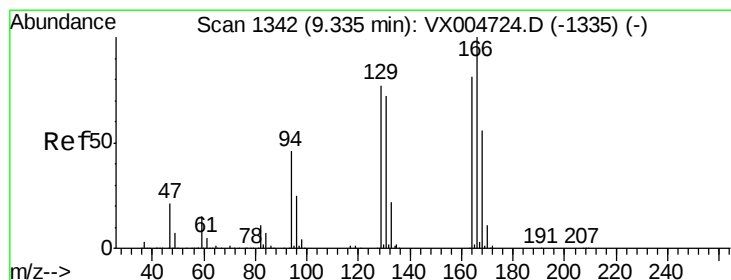
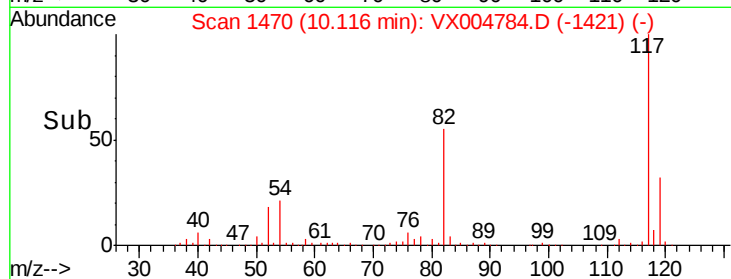
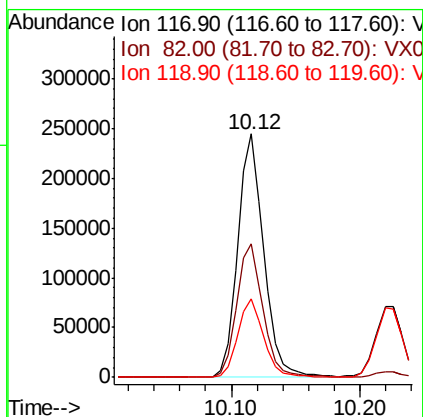
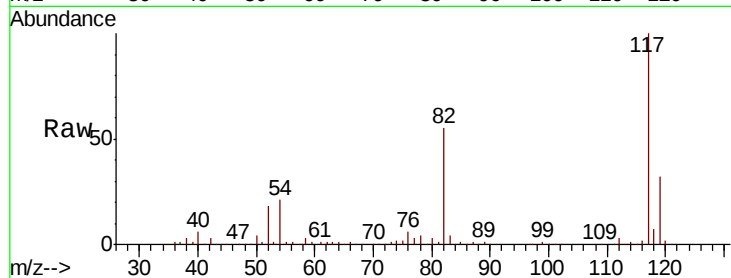




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004784.D
Acq: 27 Sep 2018 19:44

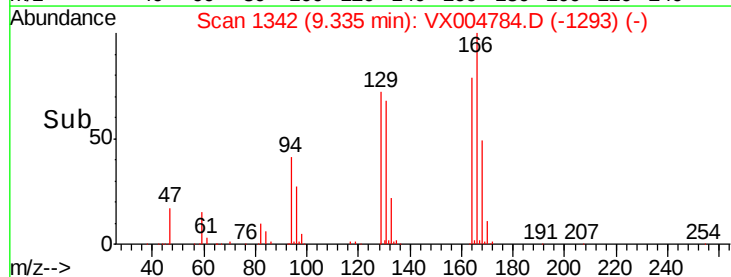
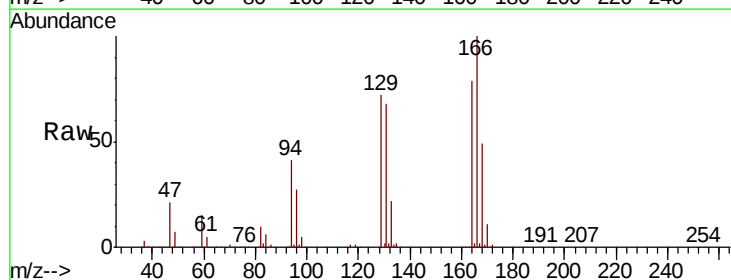
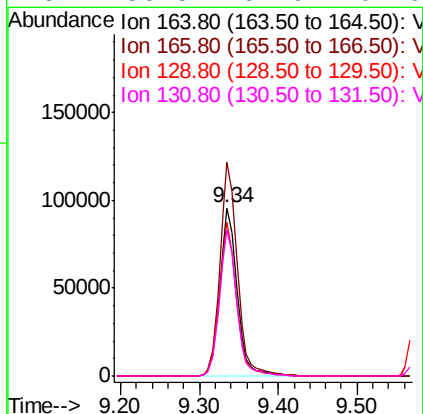
Instrument :
MSVOA_X
ClientSampleId :
CMT-22-6-SEP18MS

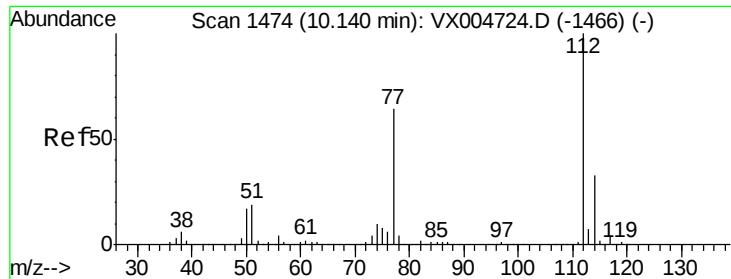
Tot Ion:117 Resp: 341526
Ion Ratio Lower Upper
117 100
82 54.9 47.8 71.6
119 32.2 29.3 43.9



#64
Tetrachloroethene
Concen: 43.720 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004784.D
Acq: 27 Sep 2018 19:44

Tgt Ion:164 Resp: 146959
Ion Ratio Lower Upper
164 100
166 127.1 102.8 154.2
129 91.7 69.4 104.0
131 86.5 67.9 101.9

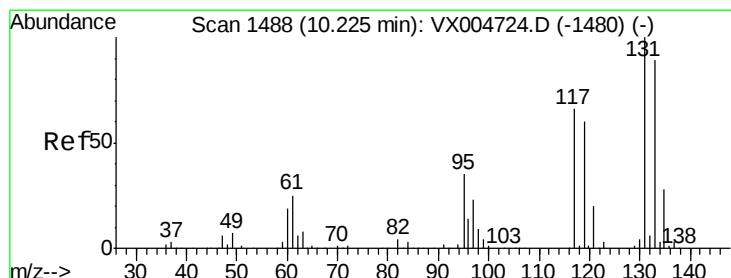
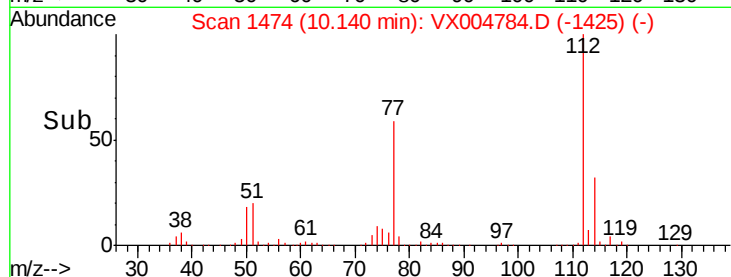
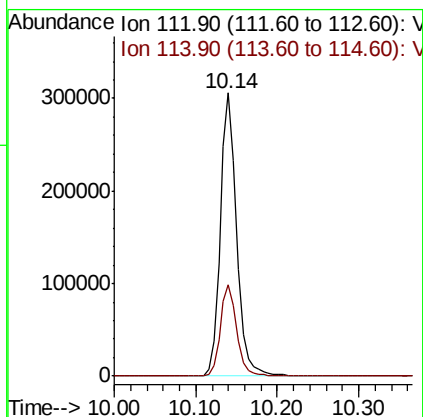
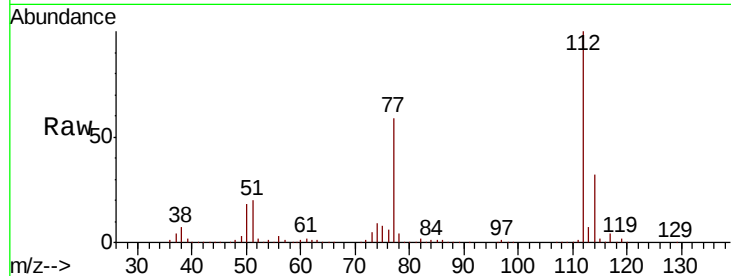




#65
Chlorobenzene
Concen: 48.811 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX004784.D
Acq: 27 Sep 2018 19:44

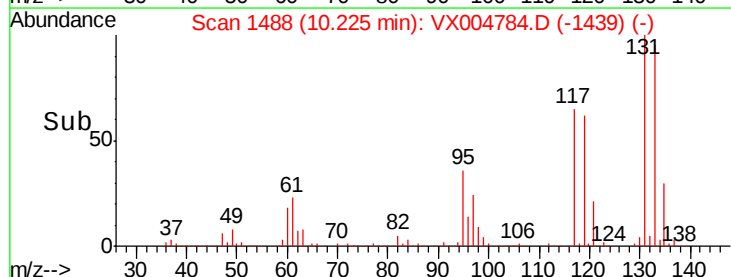
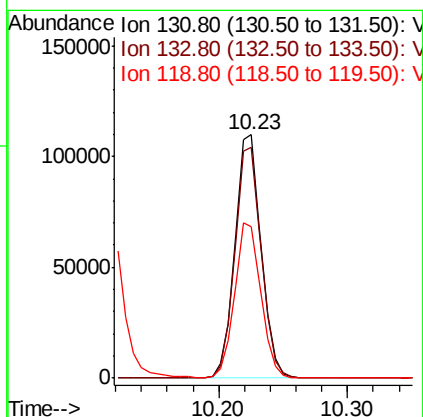
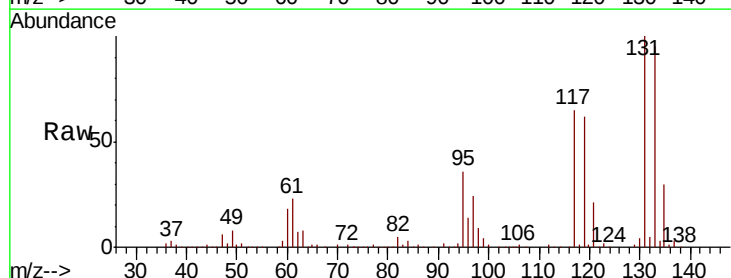
Instrument :
MSVOA_X
ClientSampleId :
CMT-22-6-SEP18MS

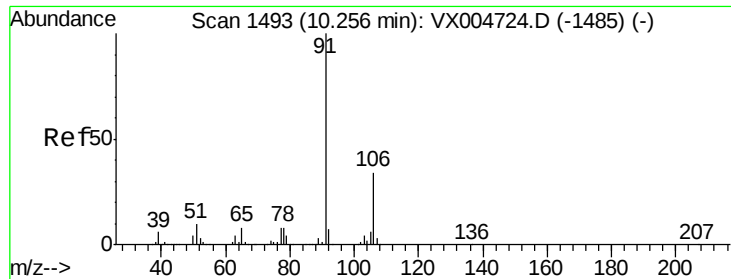
Tot Ion:112 Resp: 427468
Ion Ratio Lower Upper
112 100
114 32.1 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.368 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VX004784.D
Acq: 27 Sep 2018 19:44

Tgt Ion:131 Resp: 155074
Ion Ratio Lower Upper
131 100
133 95.7 48.1 144.4
119 64.2 32.9 98.6

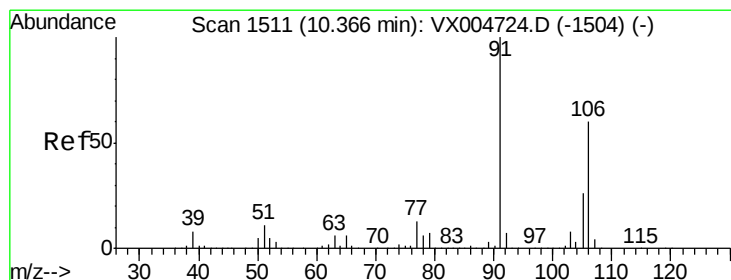
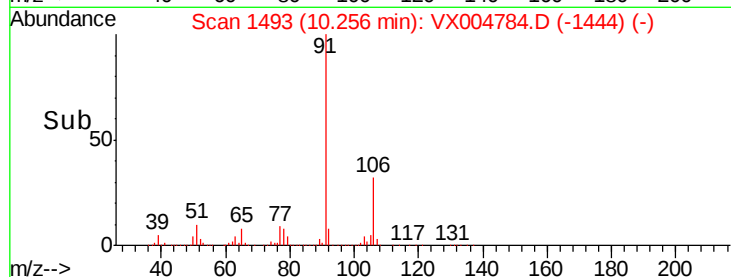
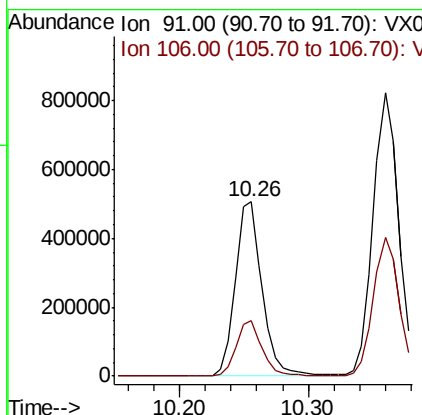
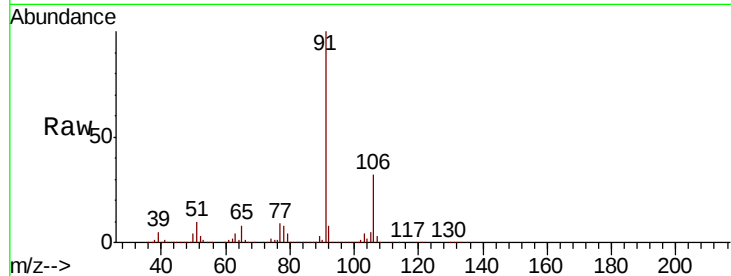




#67
Ethyl Benzene
Concen: 52.669 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004784.D
Acq: 27 Sep 2018 19:44

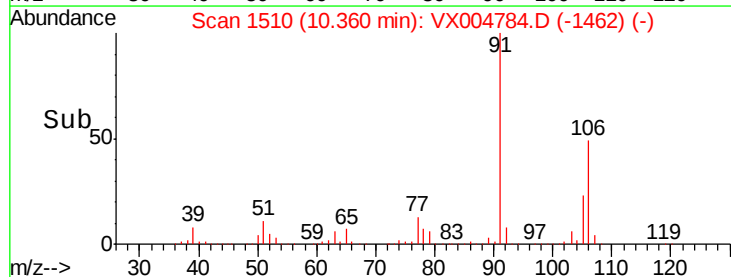
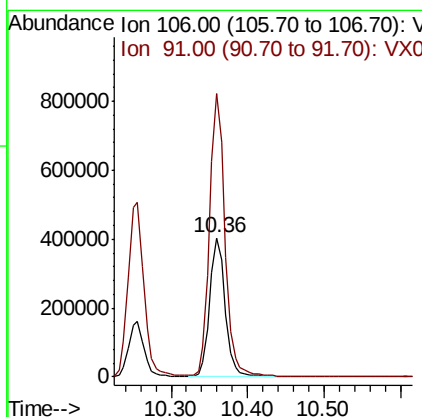
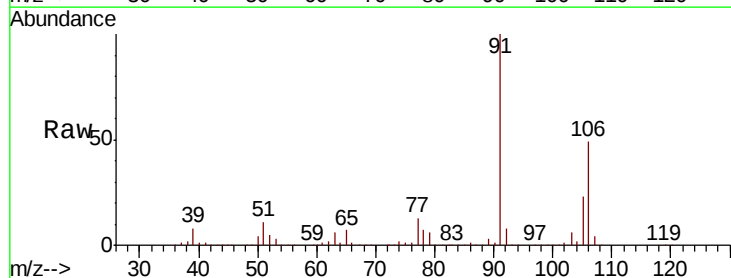
Instrument :
MSVOA_X
ClientSampleId :
CMT-22-6-SEP18MS

Tot Ion: 91 Resp: 732302
Ion Ratio Lower Upper
91 100
106 31.6 25.9 38.9



#68
m/p-Xylenes
Concen: 105.449 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004784.D
Acq: 27 Sep 2018 19:44

Tgt Ion: 106 Resp: 572932
Ion Ratio Lower Upper
106 100
91 202.6 157.1 235.7

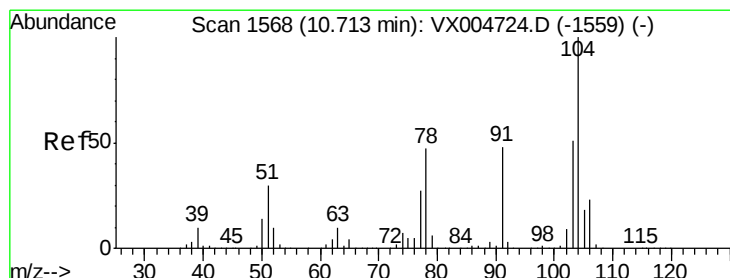
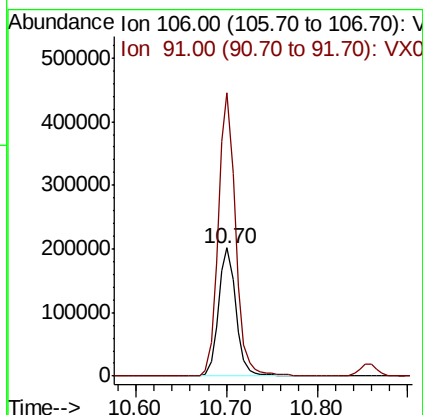
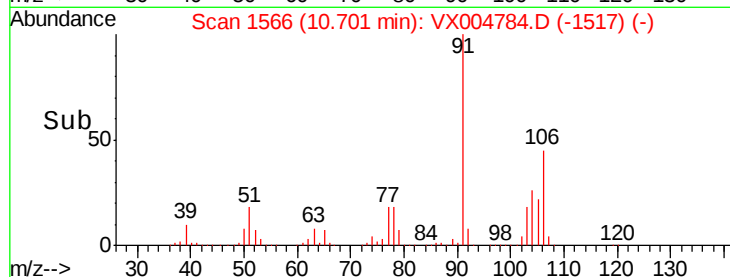
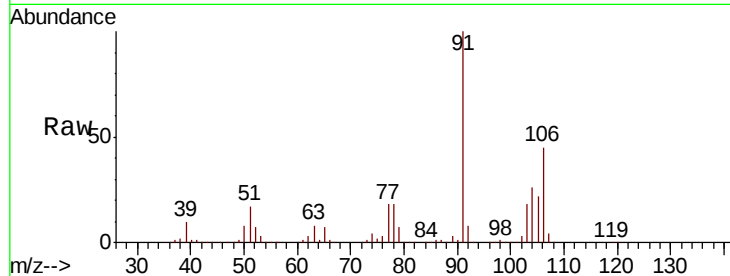




#69
o-Xylene
Concen: 54.760 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004784.D
Acq: 27 Sep 2018 19:44

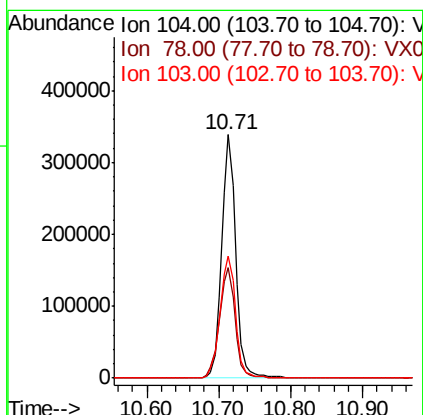
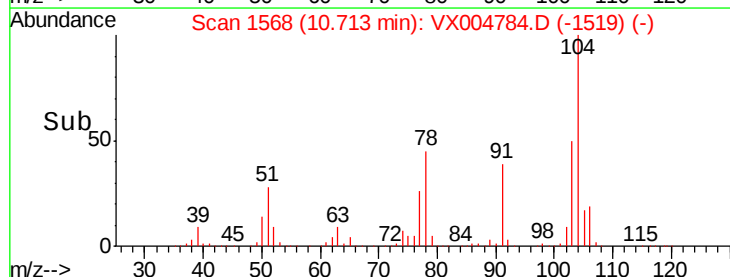
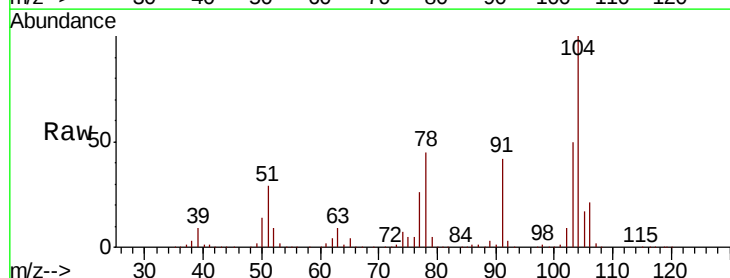
Instrument :
MSVOA_X
ClientSampleId :
CMT-22-6-SEP18MS

Tot Ion:106 Resp: 273276
Ion Ratio Lower Upper
106 100
91 217.5 105.1 315.1



#70
Styrene
Concen: 49.277 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004784.D
Acq: 27 Sep 2018 19:44

Tgt Ion:104 Resp: 459633
Ion Ratio Lower Upper
104 100
78 50.3 37.4 56.0
103 55.5 43.8 65.6





#71

Bromoform

Concen: 50.750 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX004784.D

Acq: 27 Sep 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

CMT-22-6-SEP18MS

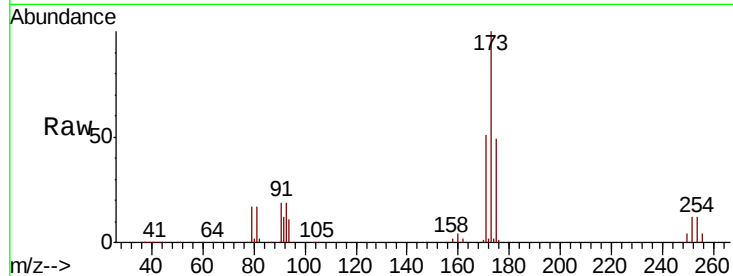
Tot Ion:173 Resp: 133770

Ion Ratio Lower Upper

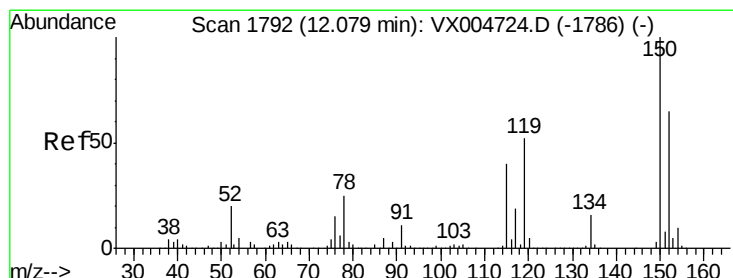
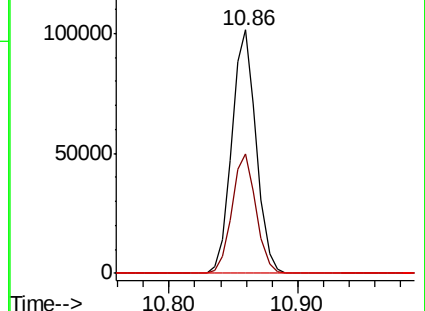
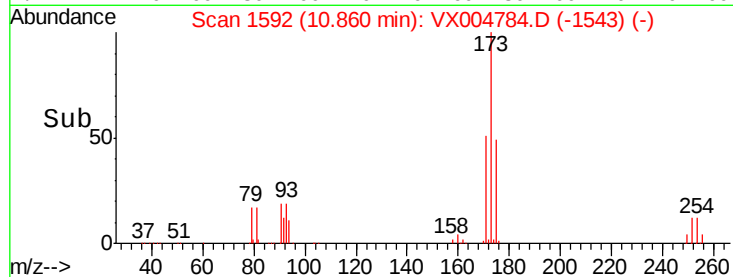
173 100

175 48.7 24.1 72.3

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# 1792

Delta R.T. 0.00 min

Lab File: VX004784.D

Acq: 27 Sep 2018 19:44

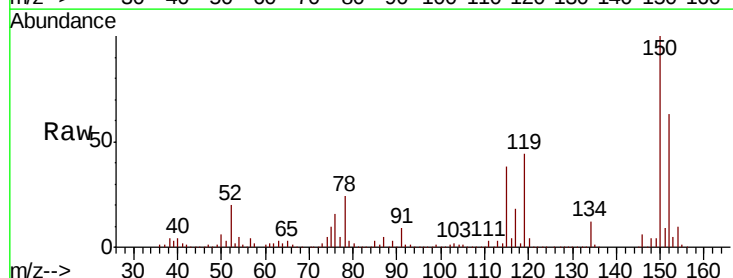
Tgt Ion:152 Resp: 205798

Ion Ratio Lower Upper

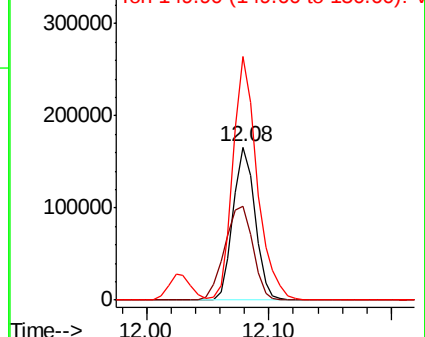
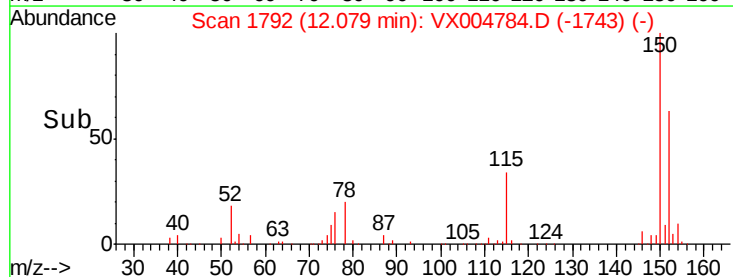
152 100

115 79.5 39.0 117.0

150 174.4 0.0 351.0



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: 56.396 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004784.D

Acq: 27 Sep 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

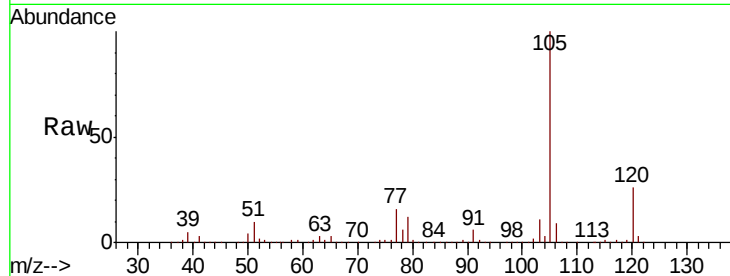
CMT-22-6-SEP18MS

Tot Ion: 105 Resp: 731560

Ion Ratio Lower Upper

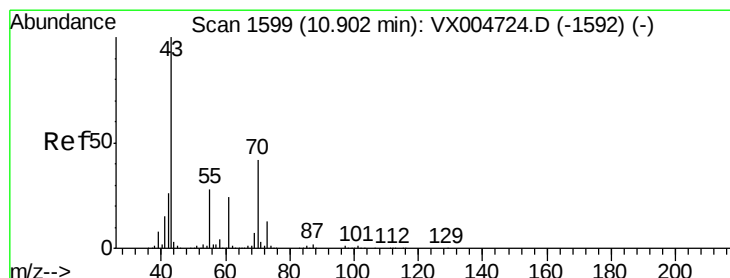
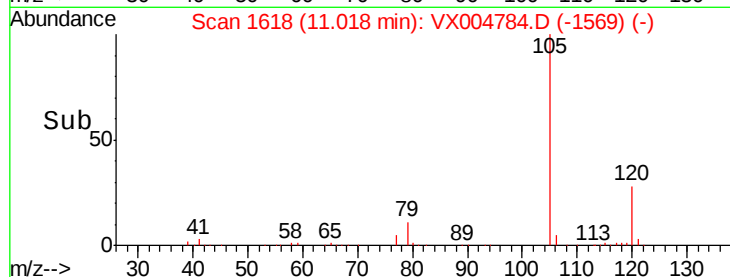
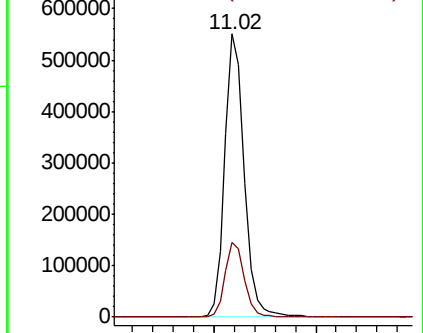
105 100

120 26.4 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.018 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX004784.D

Acq: 27 Sep 2018 19:44

Tgt Ion: 43 Resp: 356622

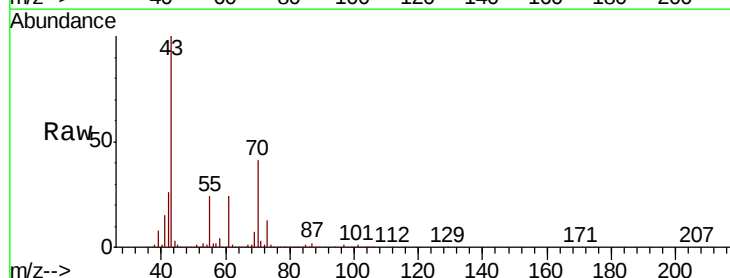
Ion Ratio Lower Upper

43 100

70 40.1 37.4 56.0

55 25.2 21.8 32.8

61 23.7 20.6 30.8

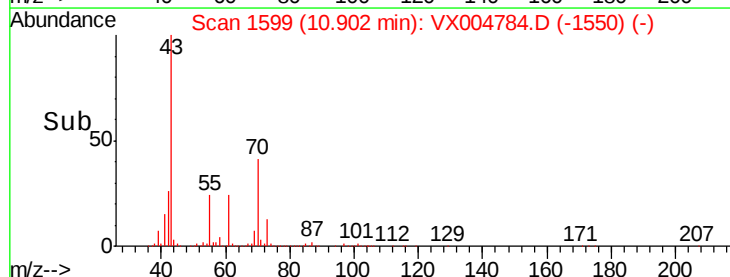
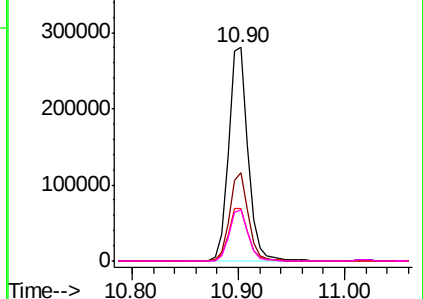


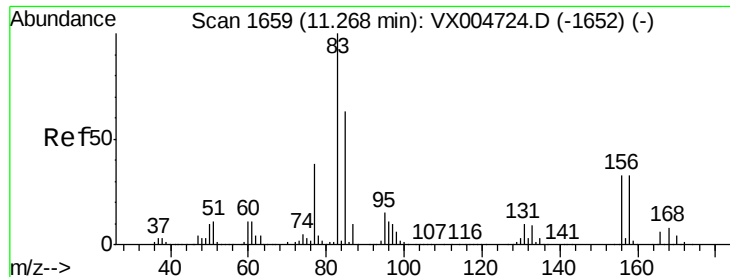
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

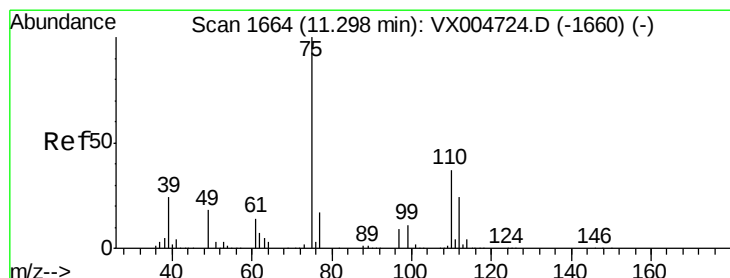
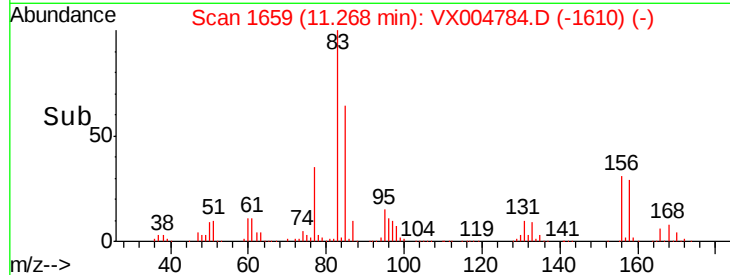
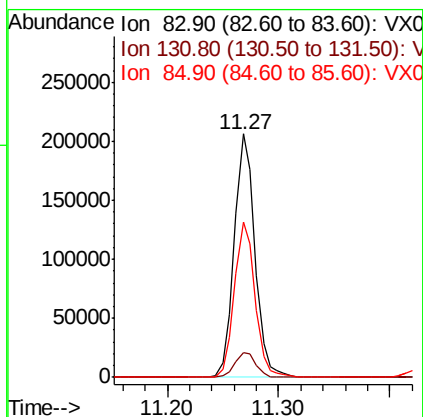
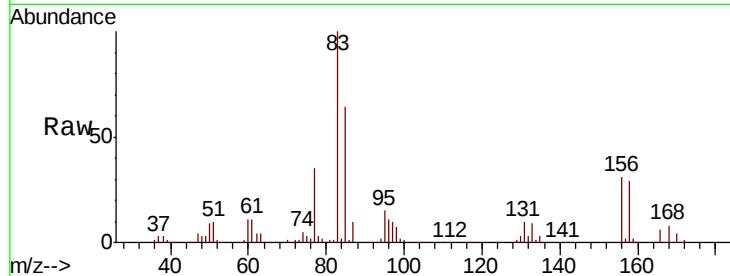




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.185 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VX004784.D
 Acq: 27 Sep 2018 19:44

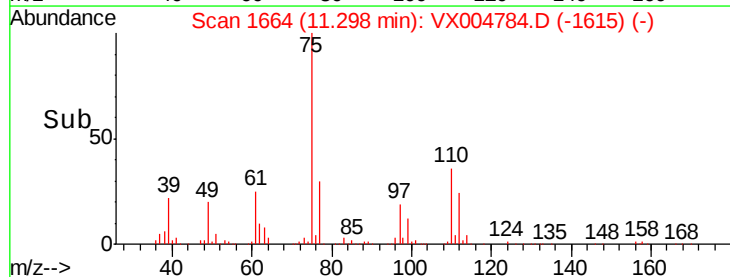
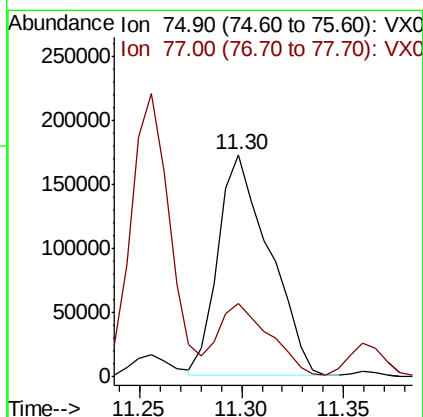
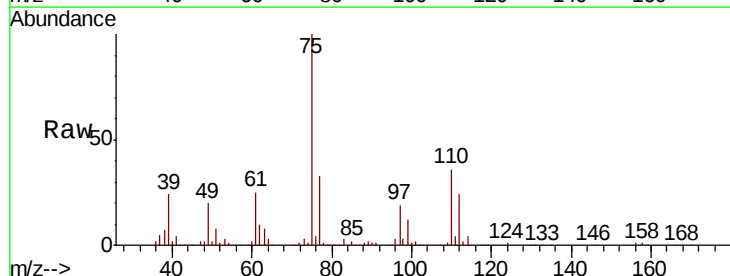
Instrument :
 MSVOA_X
 ClientSampleId :
 CMT-22-6-SEP18MS

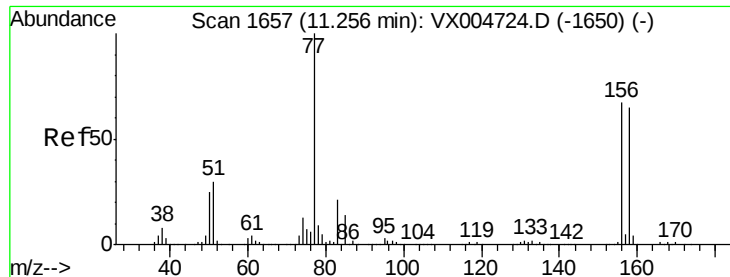
Tot Ion	83	Resp	264995
Ion Ratio	100		
Lower	5.2		
Upper	15.6		
85	64.1	32.3	96.8



#76
 1,2,3-Trichloropropane
 Concen: 65.472 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. 0.00 min
 Lab File: VX004784.D
 Acq: 27 Sep 2018 19:44

Tgt Ion	75	Resp	302001
Ion Ratio	100		
Lower	20.2		
Upper	60.6		
77	33.4		





#77

Bromobenzene

Concen: 51.656 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX004784.D

Acq: 27 Sep 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

CMT-22-6-SEP18MS

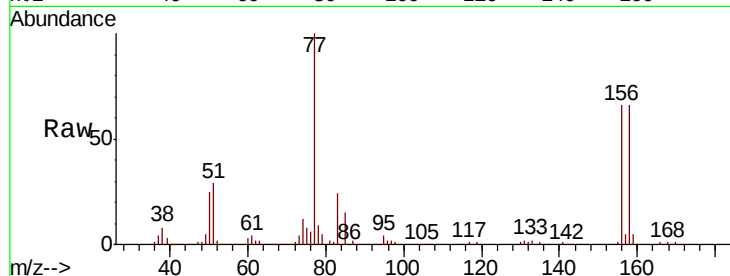
Tot Ion:156 Resp: 194627

Ion Ratio Lower Upper

156 100

77 150.1 71.5 214.3

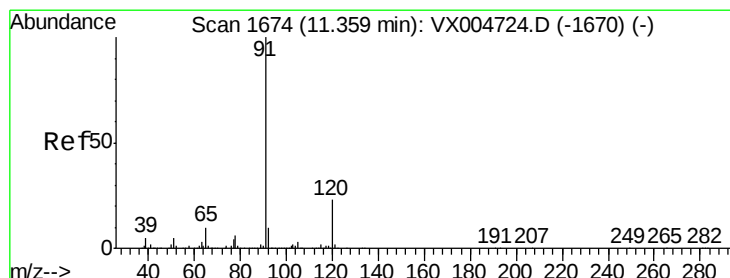
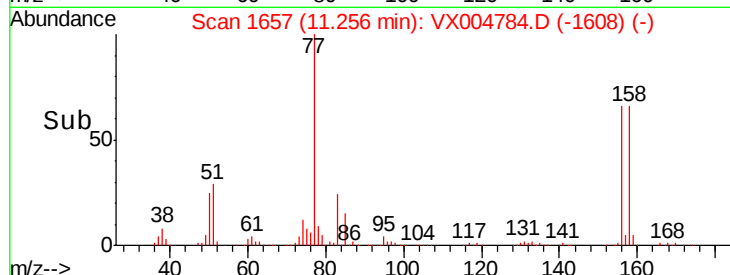
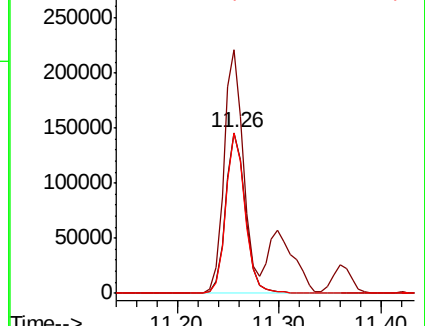
158 98.4 48.9 146.8



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: 55.974 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004784.D

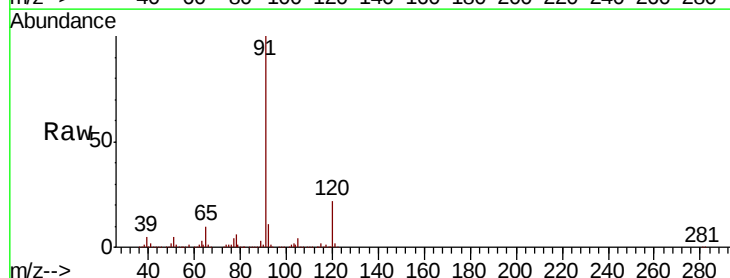
Acq: 27 Sep 2018 19:44

Tgt Ion: 91 Resp: 833087

Ion Ratio Lower Upper

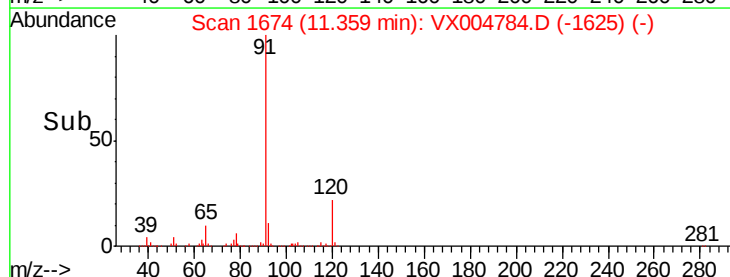
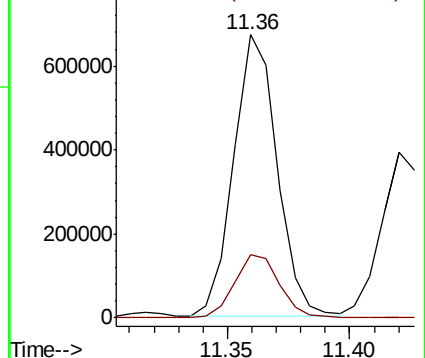
91 100

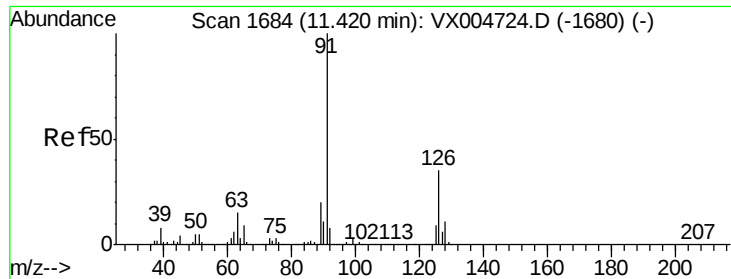
120 23.6 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.240 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX004784.D

Acq: 27 Sep 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

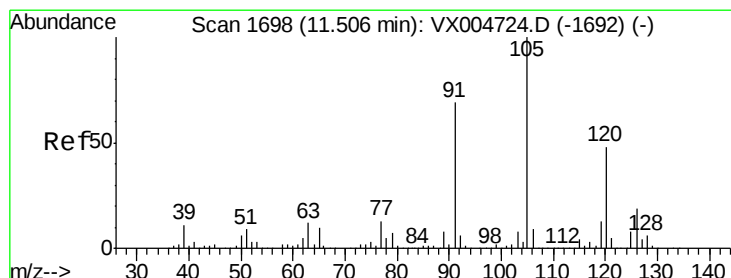
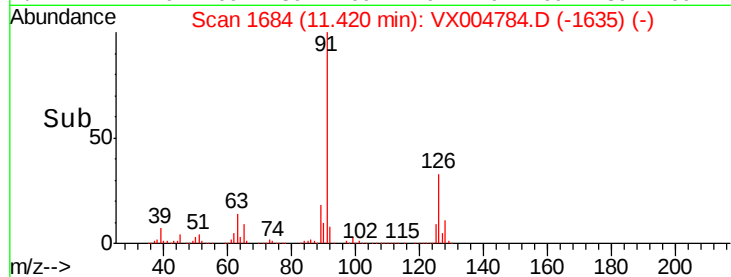
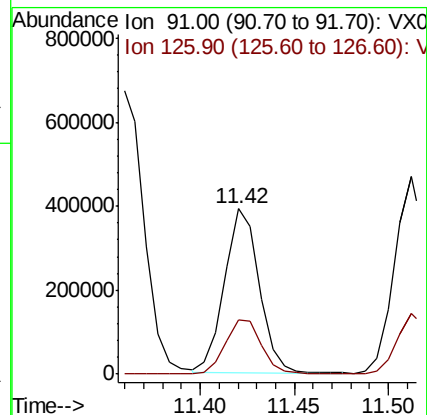
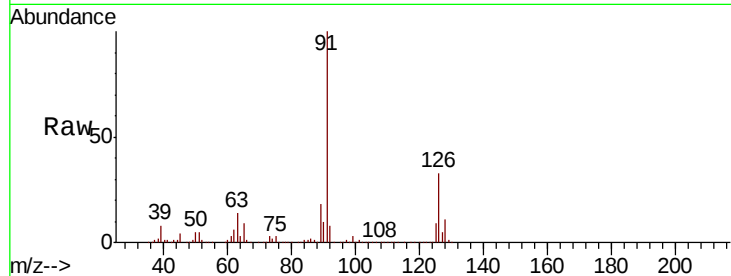
CMT-22-6-SEP18MS

Tot Ion: 91 Resp: 503196

Ion Ratio Lower Upper

91 100

126 34.9 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 52.178 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004784.D

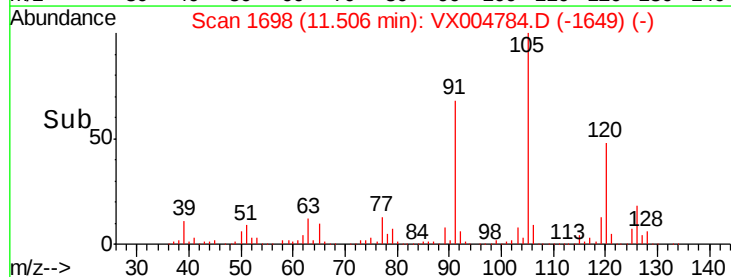
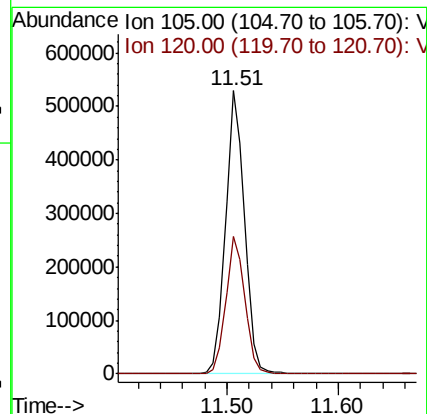
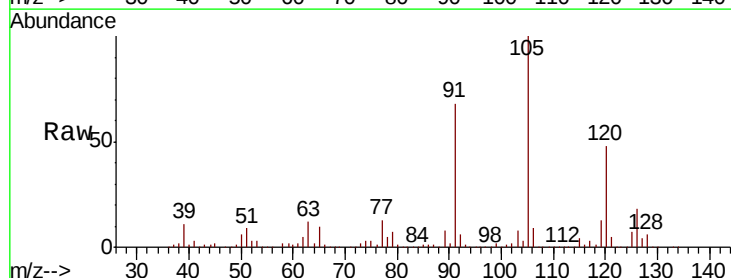
Acq: 27 Sep 2018 19:44

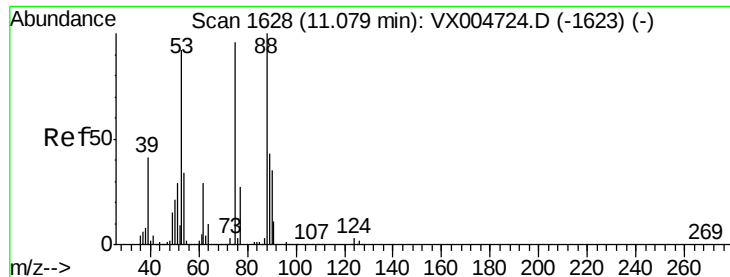
Tgt Ion: 105 Resp: 620248

Ion Ratio Lower Upper

105 100

120 48.9 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 44.419 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX004784.D

Acq: 27 Sep 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

CMT-22-6-SEP18MS

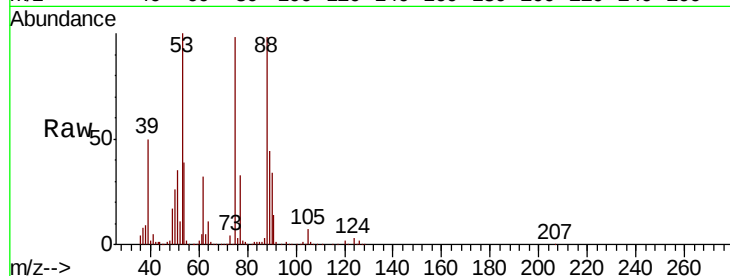
Tot Ion: 75 Resp: 74733

Ion Ratio Lower Upper

75 100

53 99.1 80.1 120.1

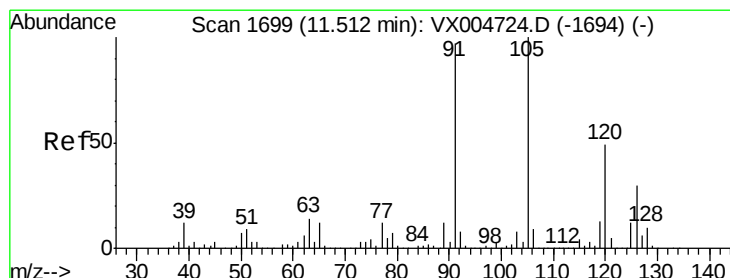
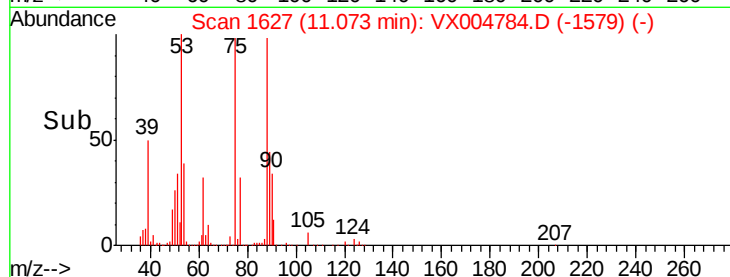
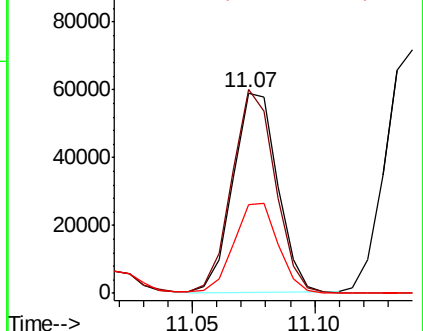
89 45.6 37.2 55.8



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: 54.582 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX004784.D

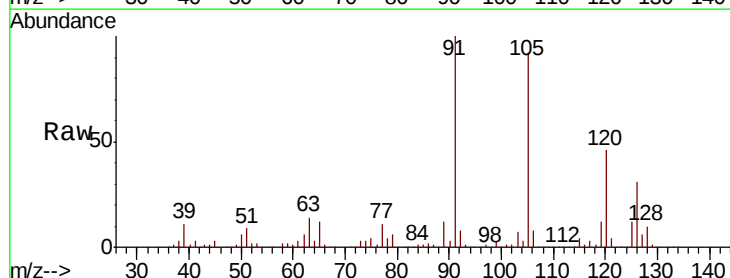
Acq: 27 Sep 2018 19:44

Tgt Ion: 91 Resp: 596021

Ion Ratio Lower Upper

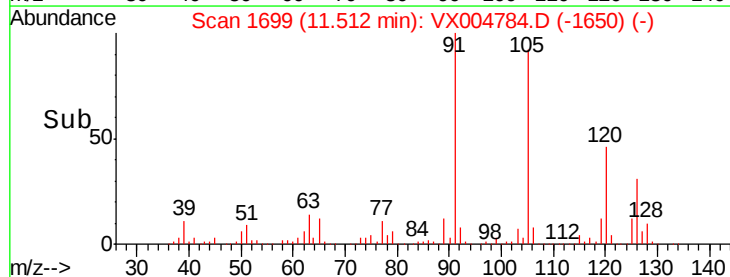
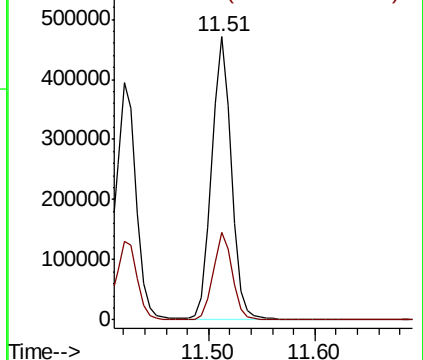
91 100

126 30.3 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

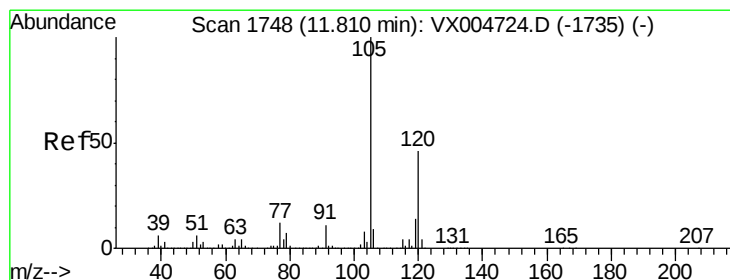
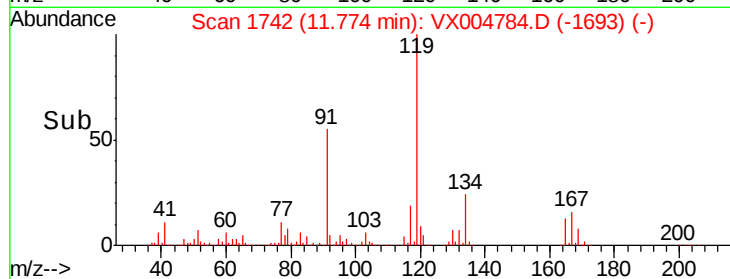
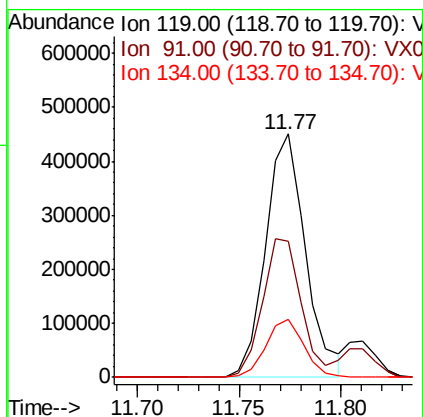
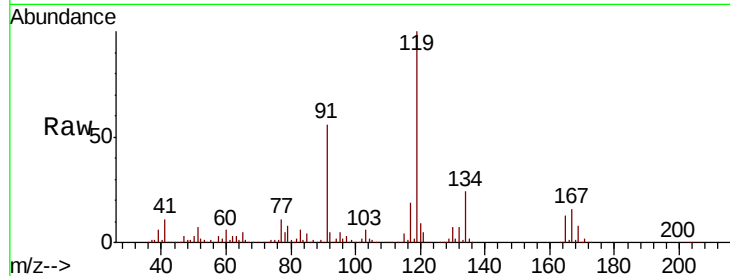




#83
 tert-Butylbenzene
 Concen: 57.430 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX004784.D
 Acq: 27 Sep 2018 19:44

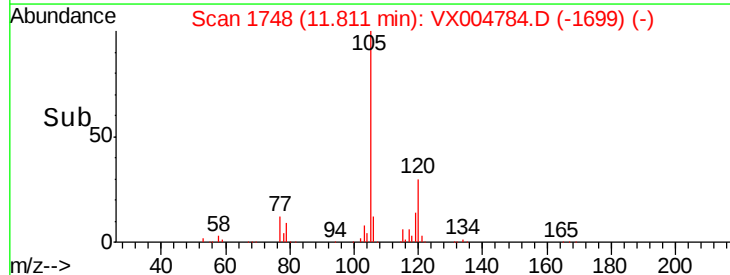
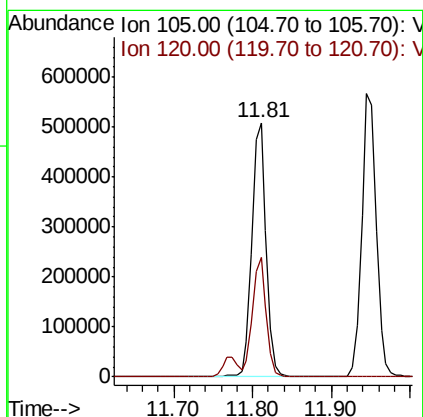
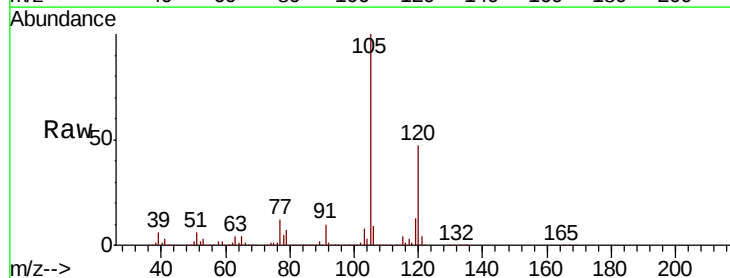
Instrument :
 MSVOA_X
 ClientSampleId :
 CMT-22-6-SEP18MS

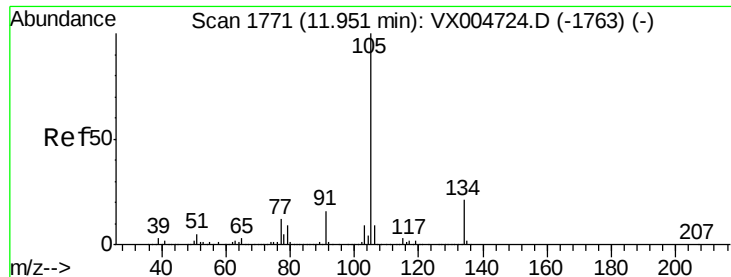
Tot Ion	Ratio	Lower	Upper
119	100		
91	55.3	27.0	81.0
134	22.8	11.7	35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 52.065 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004784.D
 Acq: 27 Sep 2018 19:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	23.2	69.6





#85

sec-Butylbenzene

Concen: 55.891 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004784.D

Acq: 27 Sep 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

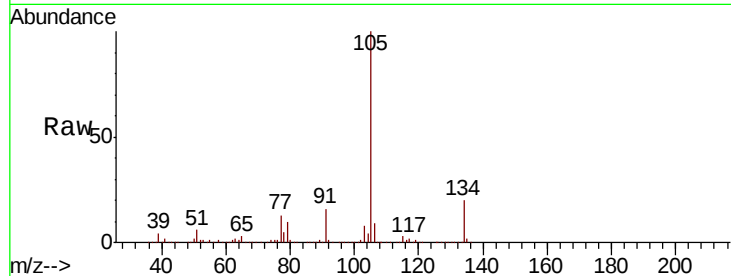
CMT-22-6-SEP18MS

Tot Ion:105 Resp: 727068

Ion Ratio Lower Upper

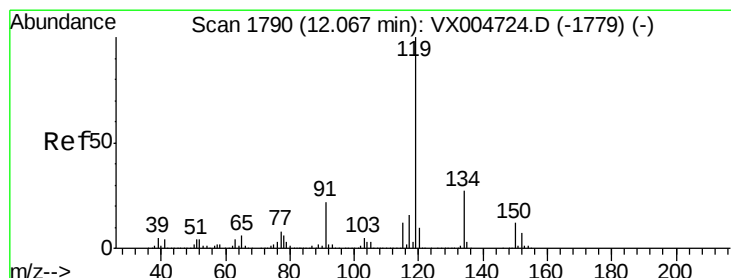
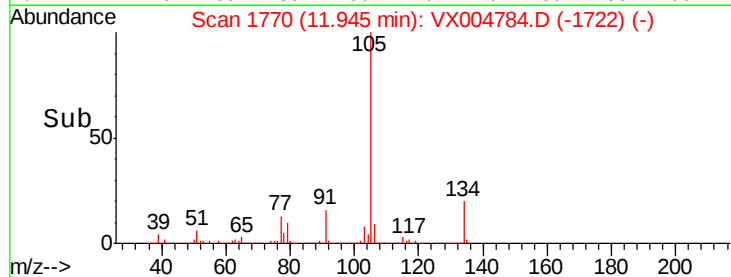
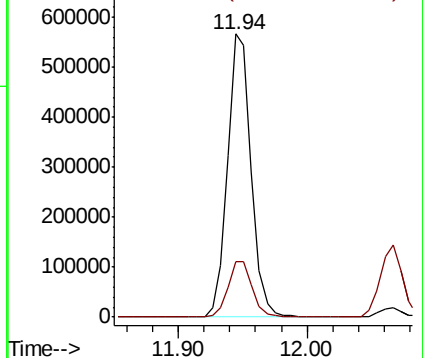
105 100

134 20.2 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.304 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX004784.D

Acq: 27 Sep 2018 19:44

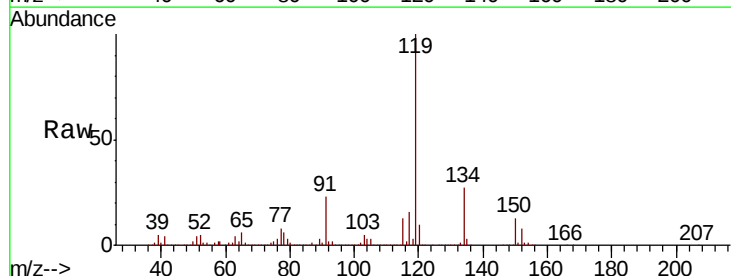
Tgt Ion:119 Resp: 651809

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

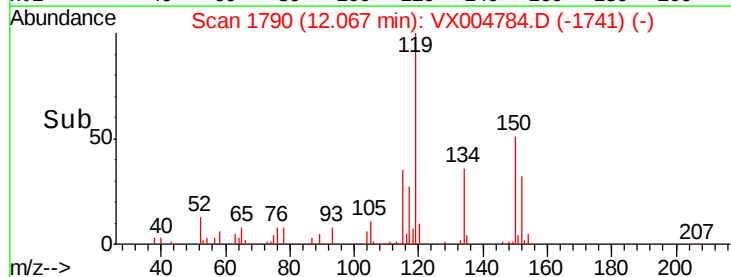
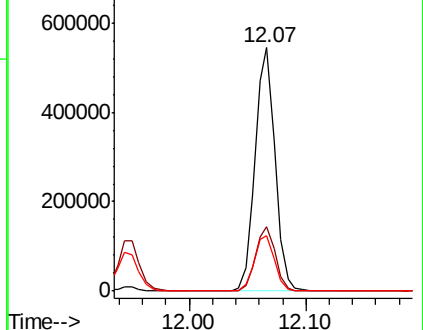
91 22.9 10.9 32.7



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: 50.440 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VX004784.D

Acq: 27 Sep 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

CMT-22-6-SEP18MS

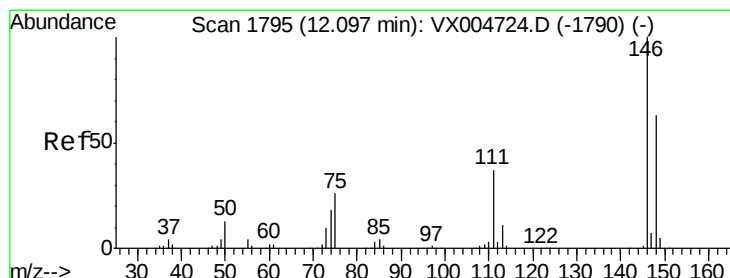
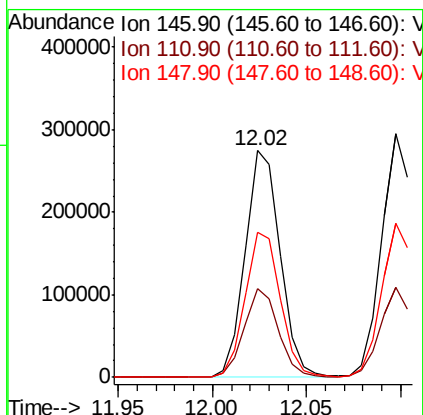
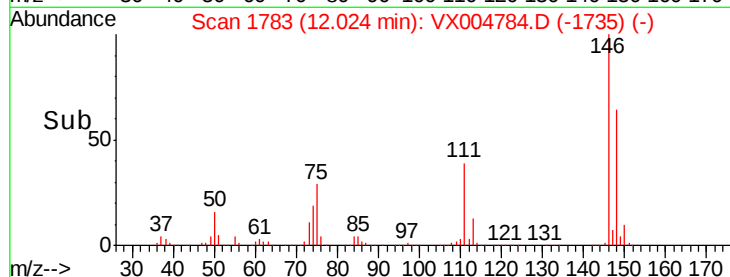
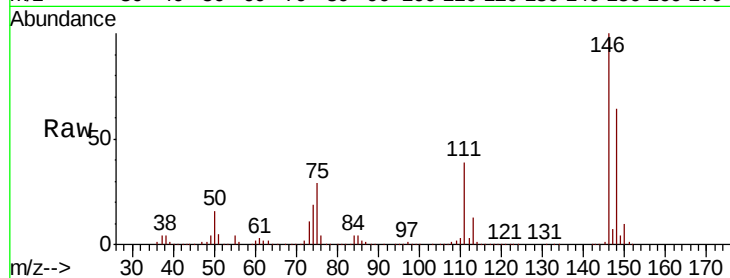
Tot Ion:146 Resp: 354867

Ion Ratio Lower Upper

146 100

111 38.5 18.7 56.1

148 64.5 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 49.548 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX004784.D

Acq: 27 Sep 2018 19:44

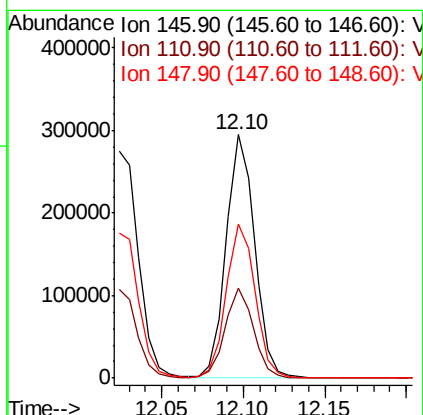
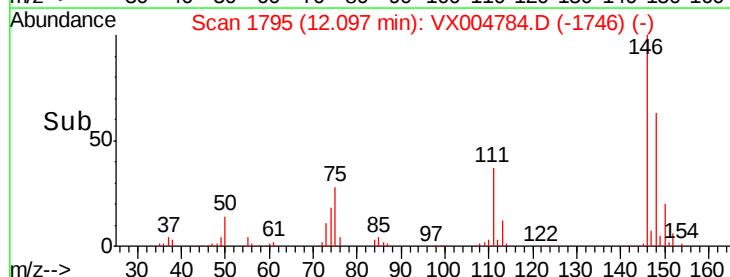
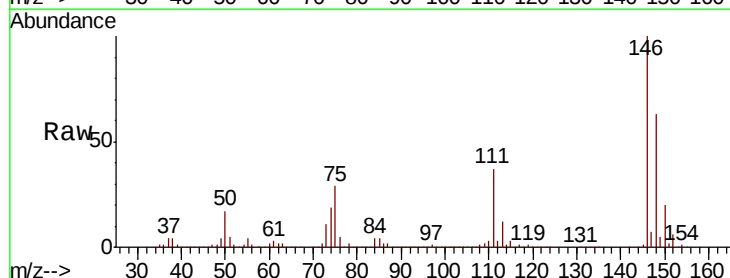
Tgt Ion:146 Resp: 359851

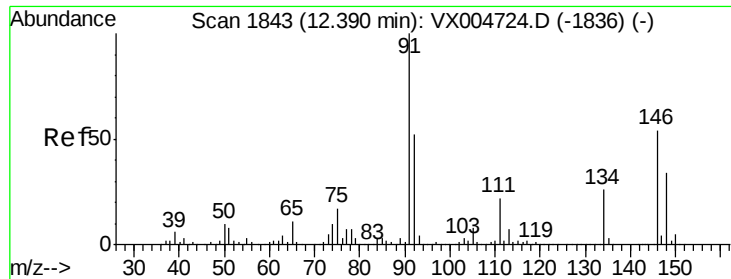
Ion Ratio Lower Upper

146 100

111 37.0 18.1 54.1

148 64.2 32.0 96.0

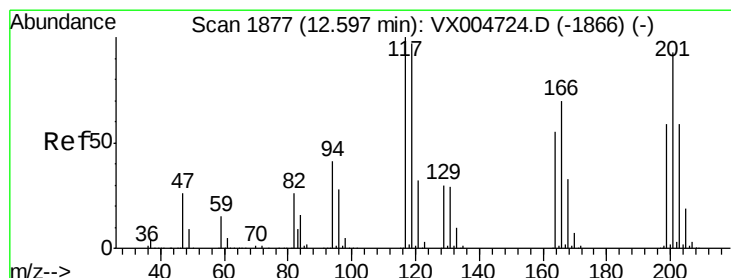
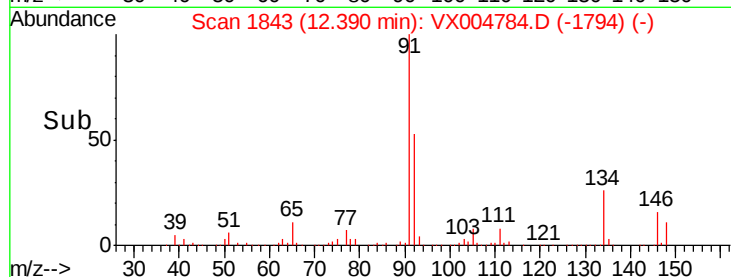
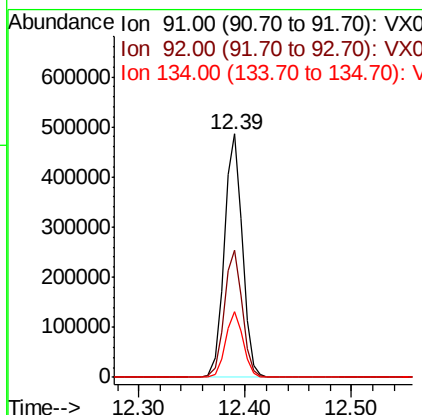
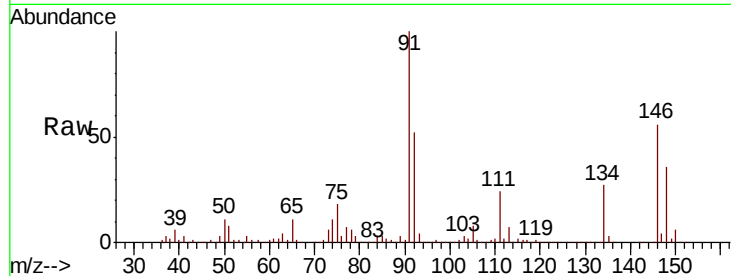




#89
n-Butylbenzene
Concen: 53.630 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX004784.D
Acq: 27 Sep 2018 19:44

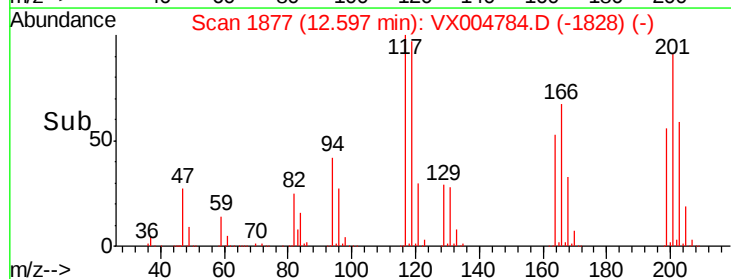
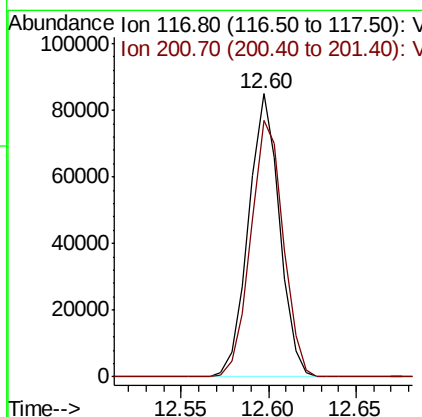
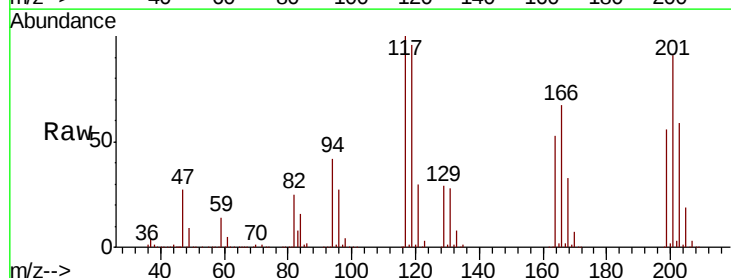
Instrument :
MSVOA_X
ClientSampleId :
CMT-22-6-SEP18MS

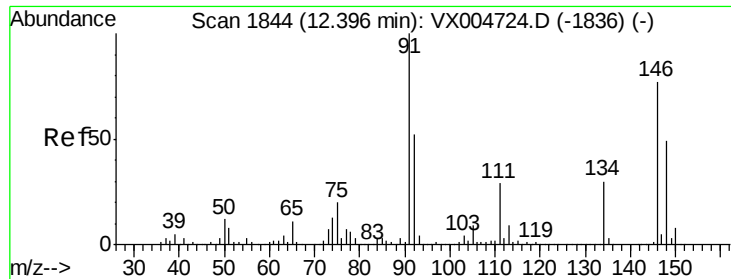
Tot Ion: 91 Resp: 574051
Ion Ratio Lower Upper
91 100
92 52.4 27.3 81.9
134 26.3 13.6 40.7



#90
Hexachloroethane
Concen: 53.238 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX004784.D
Acq: 27 Sep 2018 19:44

Tgt Ion: 117 Resp: 104471
Ion Ratio Lower Upper
117 100
201 95.0 46.9 140.6

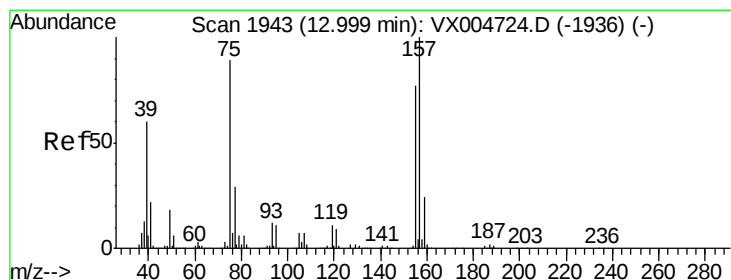
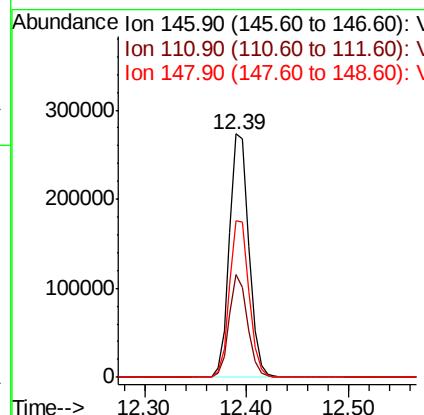
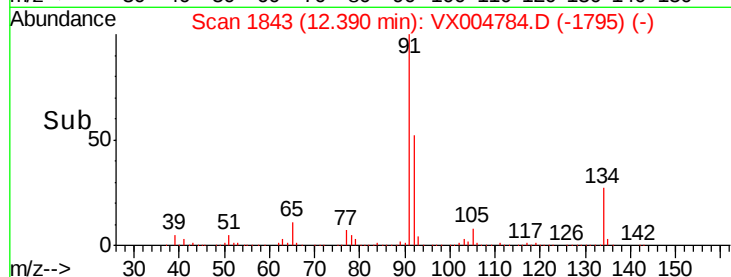
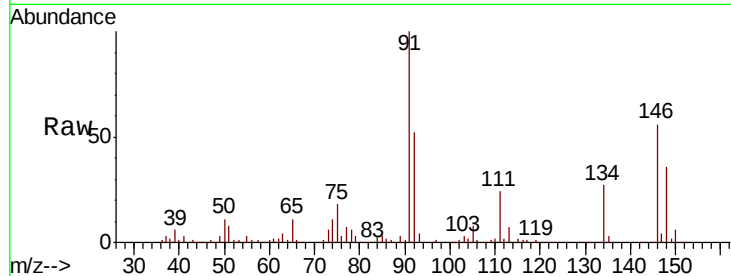




#91
 1,2-Dichlorobenzene
 Concen: 48.978 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX004784.D
 Acq: 27 Sep 2018 19:44

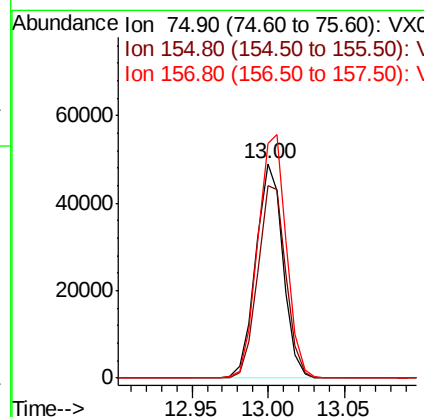
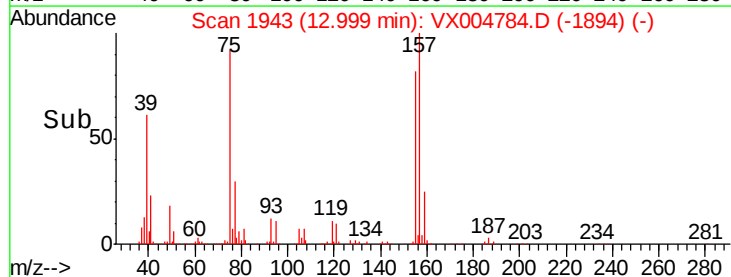
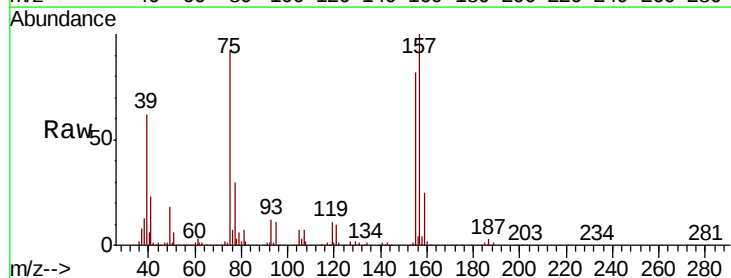
Instrument :
 MSVOA_X
 ClientSampleId :
 CMT-22-6-SEP18MS

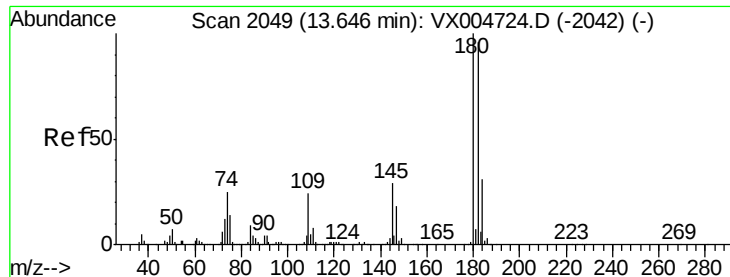
Tot Ion:146 Resp: 360107
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.4 58.1
 148 64.7 32.8 98.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.495 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX004784.D
 Acq: 27 Sep 2018 19:44

Tgt Ion: 75 Resp: 60863
 Ion Ratio Lower Upper
 75 100
 155 92.6 48.0 144.2
 157 118.7 61.4 184.1

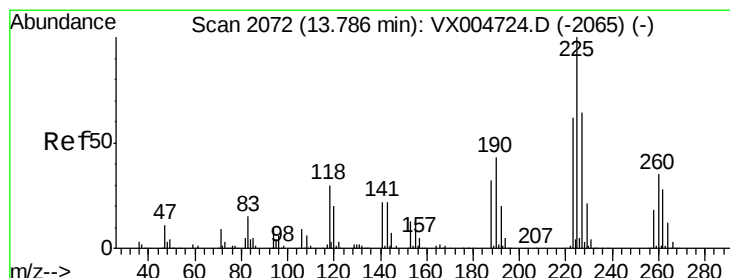
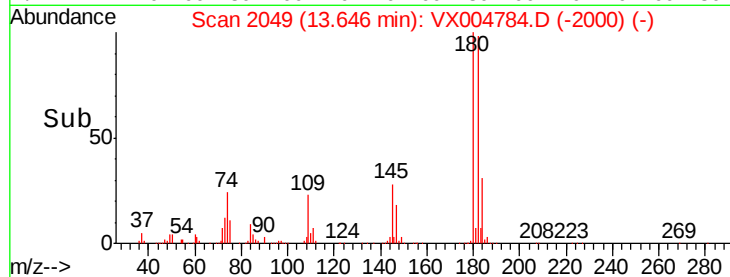
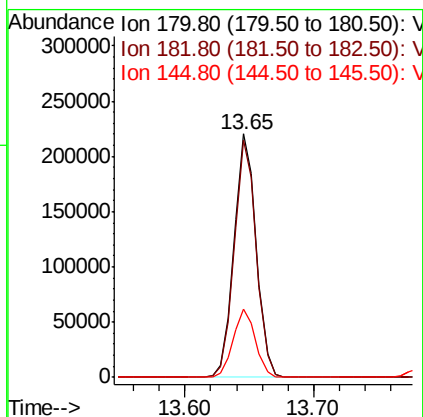
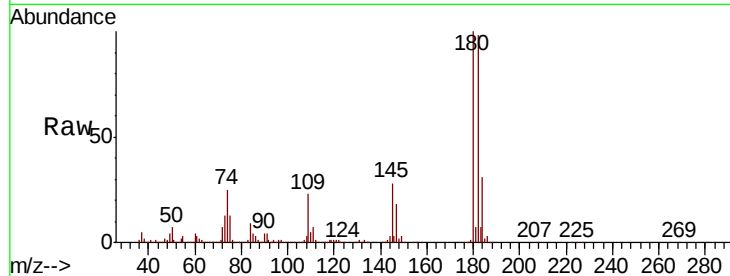




#93
 1,2,4-Trichlorobenzene
 Concen: 51.286 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX004784.D
 Acq: 27 Sep 2018 19:44

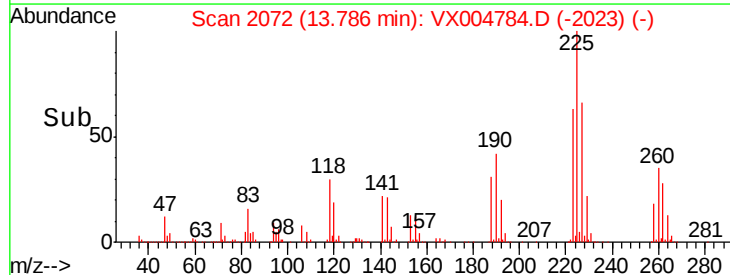
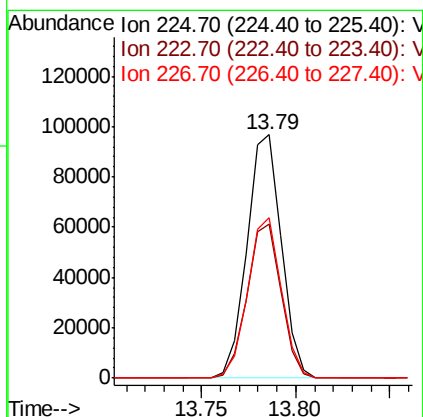
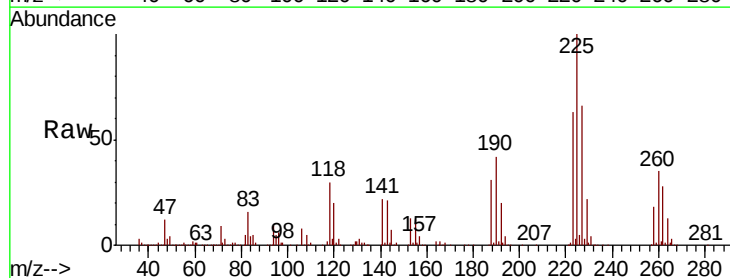
Instrument :
 MSVOA_X
 ClientSampleId :
 CMT-22-6-SEP18MS

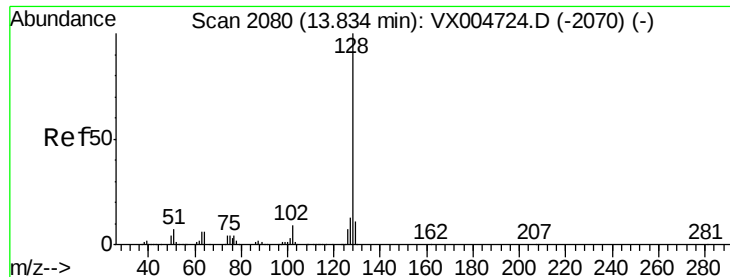
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	48.4	145.0
145	28.0	14.3	42.9



#94
 Hexachlorobutadiene
 Concen: 45.803 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX004784.D
 Acq: 27 Sep 2018 19:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	30.1	90.5
227	64.5	30.8	92.4





#95

Naphthalene

Concen: 51.971 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004784.D

Acq: 27 Sep 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

CMT-22-6-SEP18MS

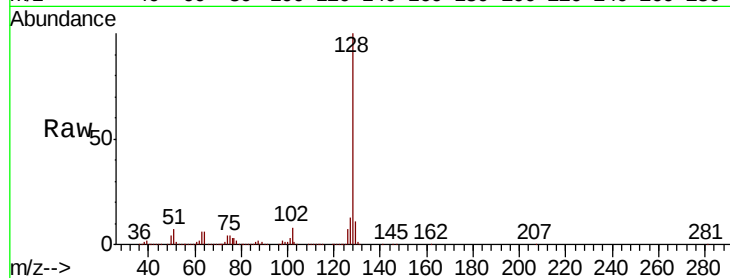
Tot Ion:128 Resp: 890140

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

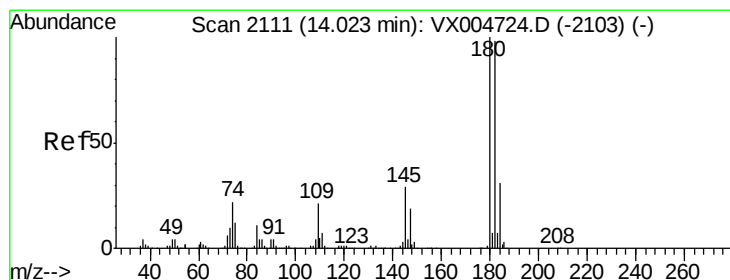
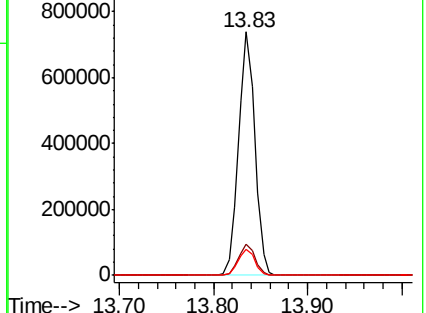
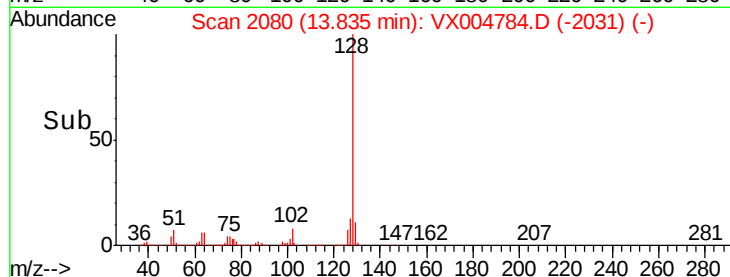
129 10.9 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.727 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX004784.D

Acq: 27 Sep 2018 19:44

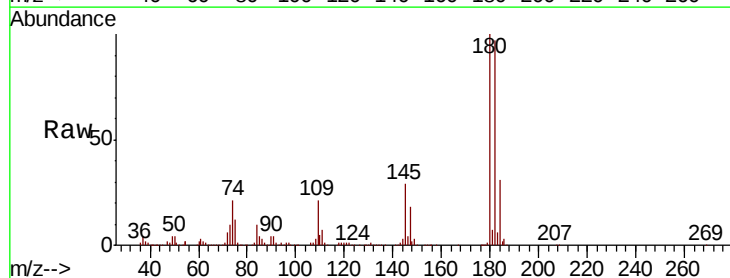
Tgt Ion:180 Resp: 275594

Ion Ratio Lower Upper

180 100

182 95.9 48.5 145.6

145 30.0 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

