

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092718\
 Data File : VX004785.D
 Acq On : 27 Sep 2018 20:10
 Operator : JC/MD
 Sample : J5048-11MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CMT-22-6-SEP18MSD

Quant Time: Sep 28 05:54:09 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	243054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	371405	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	354088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	216171	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	171288	49.33	ug/l	0.00
Spiked Amount			Recovery	=	98.66%	
35) Dibromofluoromethane	5.50	113	139762	44.40	ug/l	0.00
Spiked Amount			Recovery	=	88.80%	
50) Toluene-d8	8.72	98	535691	51.19	ug/l	0.00
Spiked Amount			Recovery	=	102.38%	
62) 4-Bromofluorobenzene	11.14	95	196471	52.12	ug/l	0.00
Spiked Amount			Recovery	=	104.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	197742	59.669	ug/l	98
3) Chloromethane	1.32	50	209427	52.088	ug/l	99
4) Vinyl Chloride	1.40	62	212443	56.336	ug/l	99
5) Bromomethane	1.64	94	75365	33.703	ug/l	99
6) Chloroethane	1.71	64	148730	73.464	ug/l	99
7) Trichlorofluoromethane	1.92	101	263623	56.469	ug/l	93
8) Diethyl Ether	2.19	74	105184	51.863	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.38	101	144865	54.475	ug/l	98
10) Methyl Iodide	2.51	142	109851	30.870	ug/l	99
11) Tert butyl alcohol	3.08	59	232274	239.257	ug/l	99
12) 1,1-Dichloroethene	2.37	96	141985	53.913	ug/l	96
13) Acrolein	2.29	56	158349	229.249	ug/l	96
14) Allyl chloride	2.73	41	312412	54.368	ug/l	96
15) Acrylonitrile	3.15	53	561146	262.570	ug/l	99
16) Acetone	2.45	43	483826	238.686	ug/l	97
17) Carbon Disulfide	2.57	76	437810	55.324	ug/l	98
18) Methyl Acetate	2.78	43	258439	50.322	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	510921	56.243	ug/l	95
20) Methylene Chloride	2.85	84	163685	55.633	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	151789	52.651	ug/l	95
22) Diisopropyl ether	3.87	45	535260	55.318	ug/l	96
23) Vinyl Acetate	3.82	43	2258599	255.003	ug/l	95
24) 1,1-Dichloroethane	3.70	63	286263	49.596	ug/l	99
25) 2-Butanone	4.70	43	748132	250.386	ug/l	93
26) 2,2-Dichloropropane	4.58	77	180544	44.919	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	176392	54.770	ug/l	97
28) Bromochloromethane	5.02	49	136976	50.395	ug/l	90
29) Tetrahydrofuran	5.16	42	497275	267.770	ug/l	92
30) Chloroform	5.21	83	275544	50.512	ug/l	99
31) Cyclohexane	5.57	56	259684	58.783	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	238107	53.447	ug/l	99
36) 1,1-Dichloropropene	5.79	75	208460	48.540	ug/l	100
37) Ethyl Acetate	4.86	43	257642	45.195	ug/l	97
38) Carbon Tetrachloride	5.78	117	209767	46.466	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	249623	56.923	ug/l	94
40) Benzene	6.14	78	634737	47.209	ug/l	99
41) Methacrylonitrile	5.06	41	152916	48.368	ug/l	96
42) 1,2-Dichloroethane	6.20	62	223834	47.093	ug/l	97
43) Isopropyl Acetate	6.46	43	395378	48.052	ug/l	96
44) Trichloroethene	7.21	130	175099	52.976	ug/l	94
45) 1,2-Dichloropropane	7.52	63	170396	51.679	ug/l	96
46) Dibromomethane	7.66	93	108569	52.394	ug/l	97
47) Bromodichloromethane	7.90	83	207555	53.499	ug/l	99
48) Methyl methacrylate	7.78	41	215136	57.606	ug/l	93
49) 1,4-Dioxane	7.76	88	83847	903.694	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	1429104	275.846	ug/l	96
52) Toluene	8.79	92	391802	53.033	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	232705	53.079	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	246691	53.722	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	162954	50.354	ug/l	98
56) Ethyl methacrylate	9.18	69	258025	49.184	ug/l	93
57) 1,3-Dichloropropane	9.37	76	275411	51.134	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.28	63	2017	14.924	ug/l #	45
59) 2-Hexanone	9.50	43	1127468	261.154	ug/l	93
60) Dibromochloromethane	9.59	129	168350	52.018	ug/l	100
61) 1,2-Dibromoethane	9.68	107	168815	48.709	ug/l	99
64) Tetrachloroethene	9.34	164	150798	43.271	ug/l	97
65) Chlorobenzene	10.14	112	437154	48.146	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	157297	49.277	ug/l	99
67) Ethyl Benzene	10.26	91	749046	51.962	ug/l	98
68) m/p-Xylenes	10.36	106	586013	104.030	ug/l	95
69) o-Xylene	10.70	106	283092	54.715	ug/l	98
70) Styrene	10.71	104	469342	48.565	ug/l	97
71) Bromoform	10.86	173	136222	49.847	ug/l	99
73) Isopropylbenzene	11.02	105	747692	54.874	ug/l	99
74) N-amyl acetate	10.90	43	355191	47.517	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	270124	48.702	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	301988	62.328	ug/l	90
77) Bromobenzene	11.26	156	200259	50.601	ug/l	98
78) n-propylbenzene	11.36	91	855600	54.728	ug/l	100
79) 2-Chlorotoluene	11.42	91	515916	52.943	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	636681	50.986	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	76133	43.140	ug/l	98
82) 4-Chlorotoluene	11.51	91	608947	53.090	ug/l	99
83) tert-Butylbenzene	11.77	119	630869	56.236	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	658895	51.166	ug/l	98
85) sec-Butylbenzene	11.94	105	744659	54.497	ug/l	99
86) p-Isopropyltoluene	12.07	119	673131	54.373	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	366350	49.573	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	373435	48.951	ug/l	99
89) n-Butylbenzene	12.39	91	599050	53.280	ug/l	98
90) Hexachloroethane	12.60	117	107426	52.117	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	369540	47.850	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	62146	51.030	ug/l	96

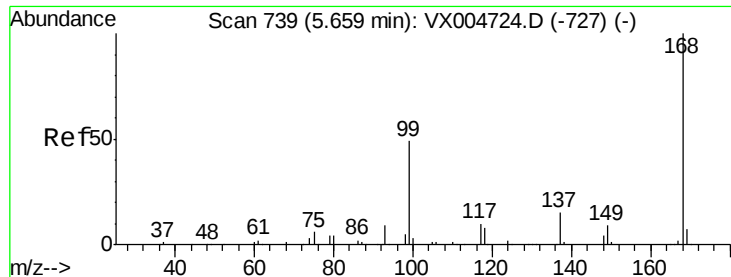
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092718\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	277417	51.207	ug/l	99
94) Hexachlorobutadiene	13.79	225	129884	46.234	ug/l	97
95) Naphthalene	13.83	128	903601	50.249	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	286737	51.236	ug/l	98

(#) = 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: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

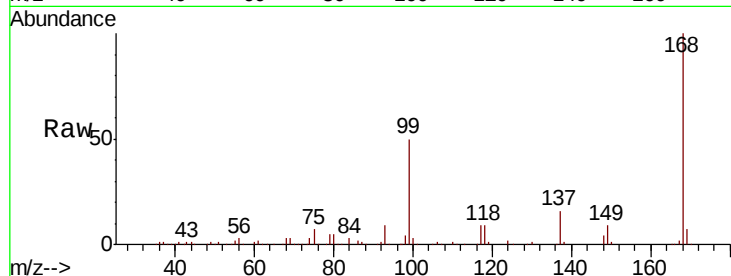
CMT-22-6-SEP18MSD

Tot Ion:168 Resp: 243054

Ion Ratio Lower Upper

168 100

99 50.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

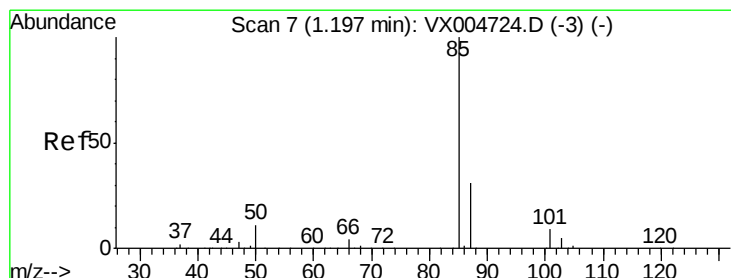
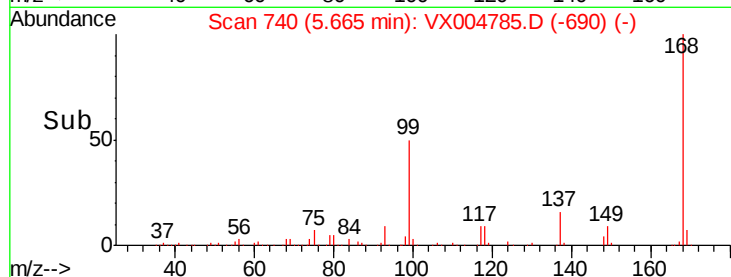
40000

20000

0

5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 59.669 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX004785.D

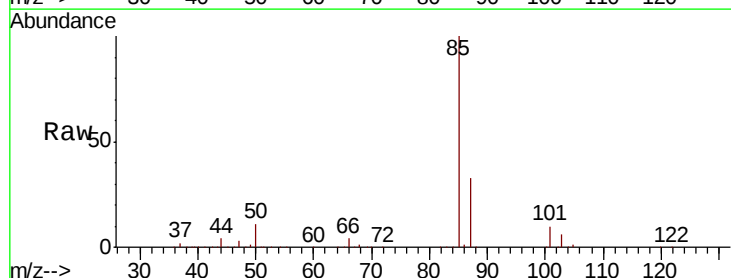
Acq: 27 Sep 2018 20:10

Tgt Ion: 85 Resp: 197742

Ion Ratio Lower Upper

85 100

87 32.9 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

150000

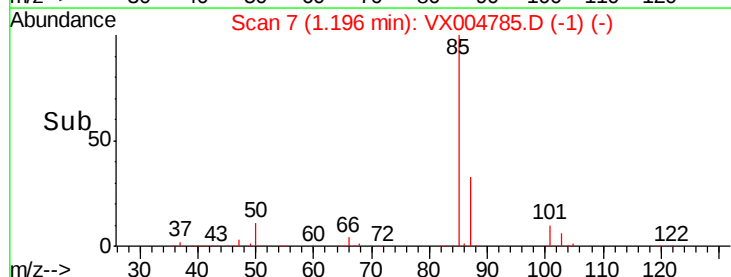
100000

50000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 52.088 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

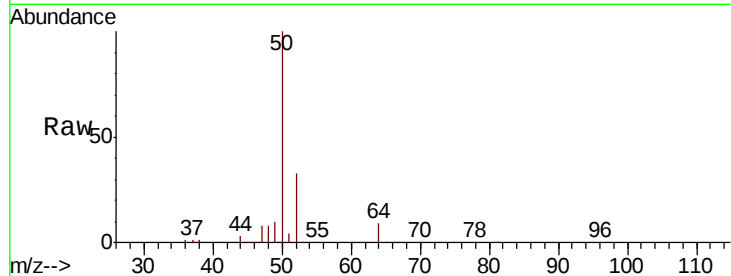
CMT-22-6-SEP18MSD

Tot Ion: 50 Resp: 209427

Ion Ratio Lower Upper

50 100

52 33.0 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

200000

150000

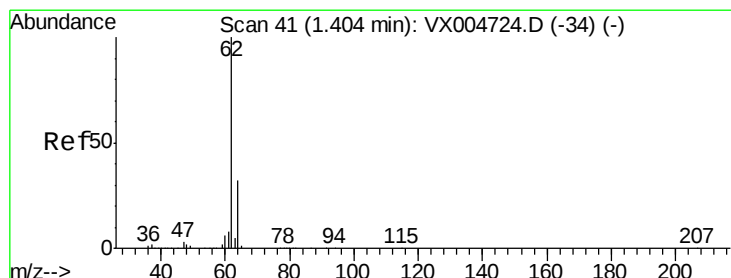
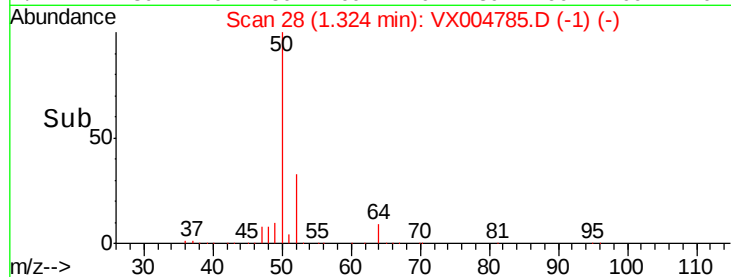
100000

50000

0

1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 56.336 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004785.D

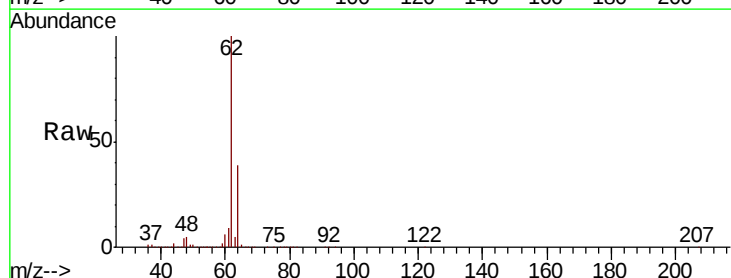
Acq: 27 Sep 2018 20:10

Tgt Ion: 62 Resp: 212443

Ion Ratio Lower Upper

62 100

64 31.7 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

200000

150000

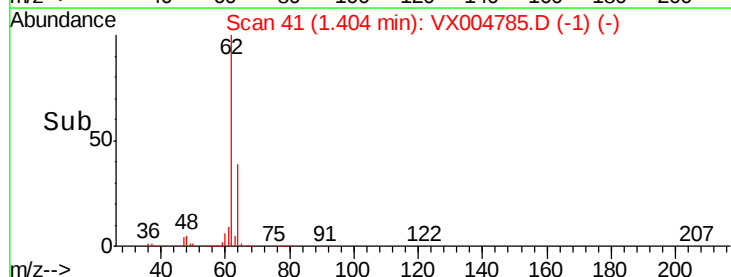
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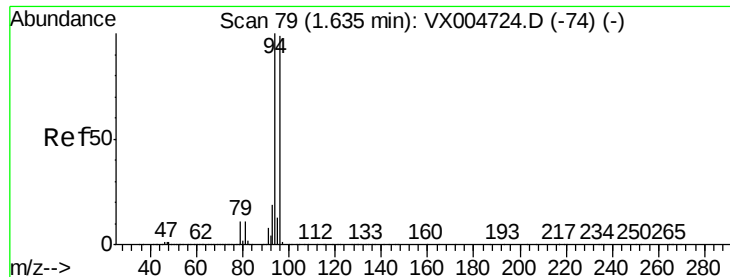
50000

0

1.30 1.40 1.50

Time-->





#5

Bromomethane

Concen: 33.703 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

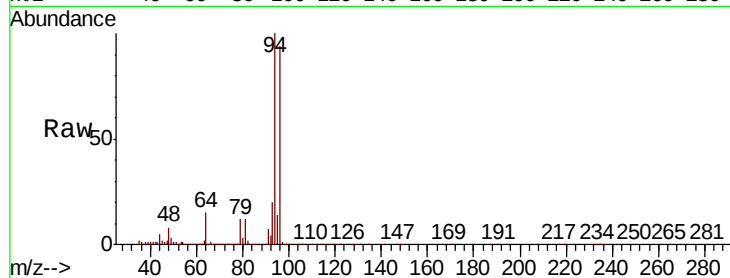
CMT-22-6-SEP18MSD

Tot Ion: 94 Resp: 75365

Ion Ratio Lower Upper

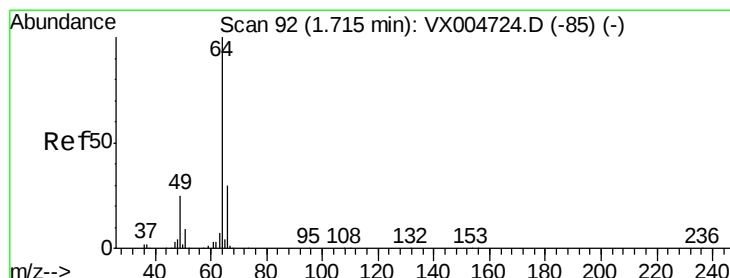
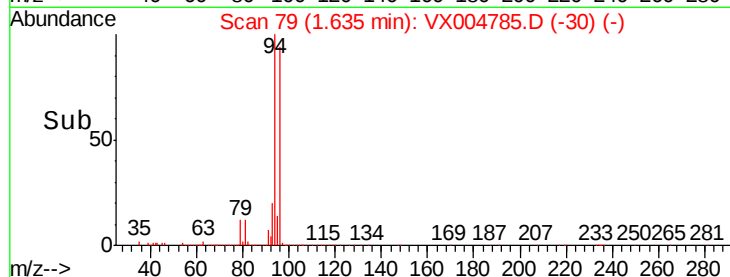
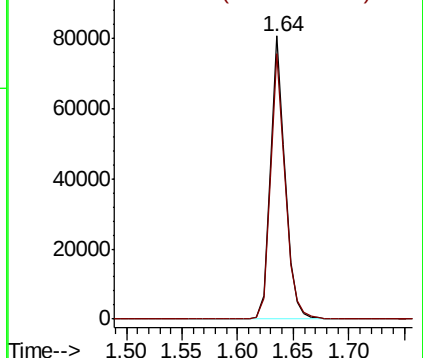
94 100

96 93.7 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: 73.464 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX004785.D

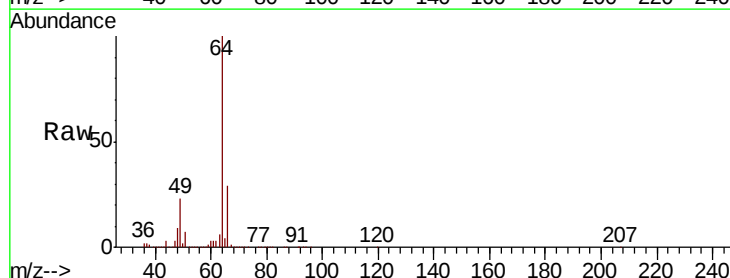
Acq: 27 Sep 2018 20:10

Tgt Ion: 64 Resp: 148730

Ion Ratio Lower Upper

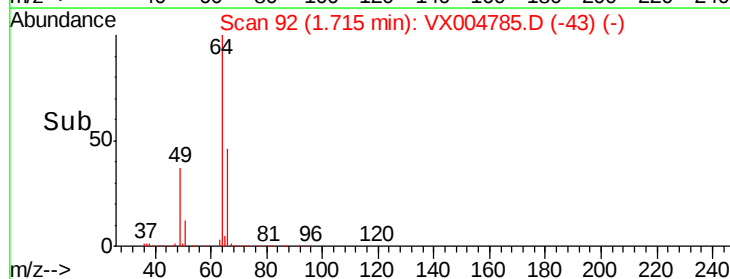
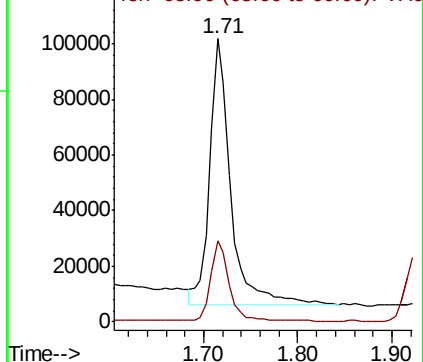
64 100

66 30.0 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



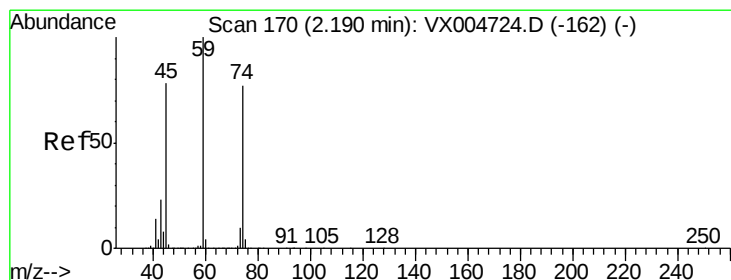
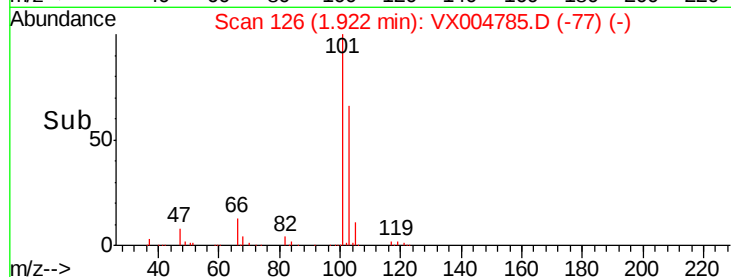
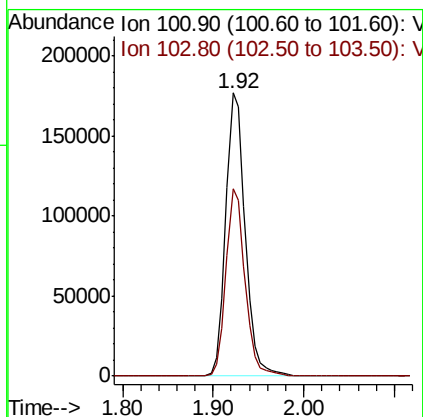
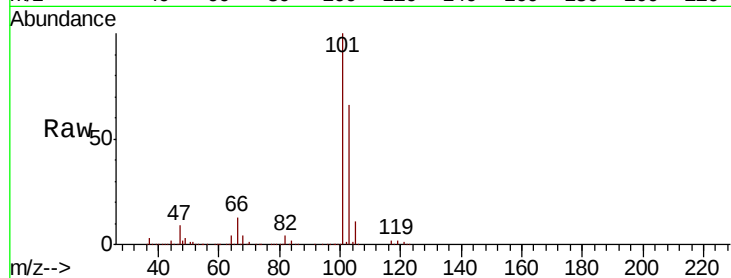


#7

Trichlorofluoromethane
 Concen: 56.469 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX004785.D
 Acq: 27 Sep 2018 20:10

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 MSVOA_X
 ClientSampleId :
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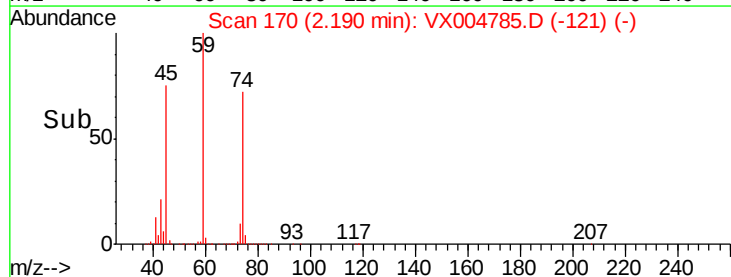
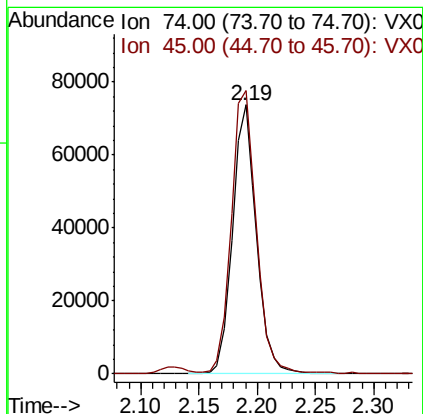
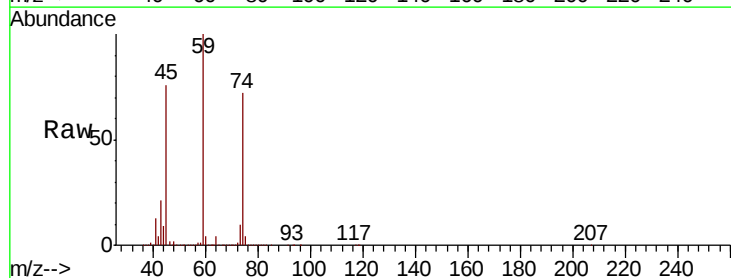
Tot Ion:101 Resp: 263623
 Ion Ratio Lower Upper
 101 100
 103 66.1 48.9 73.3



#8

Diethyl Ether
 Concen: 51.863 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX004785.D
 Acq: 27 Sep 2018 20:10

Tgt Ion: 74 Resp: 105184
 Ion Ratio Lower Upper
 74 100
 45 109.5 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.475 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

CMT-22-6-SEP18MSD

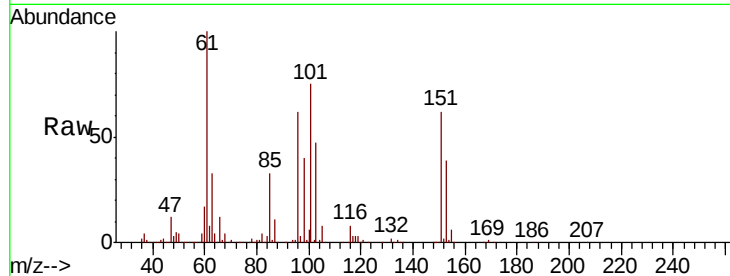
Tot Ion:101 Resp: 144865

Ion Ratio Lower Upper

101 100

85 43.5 34.2 51.4

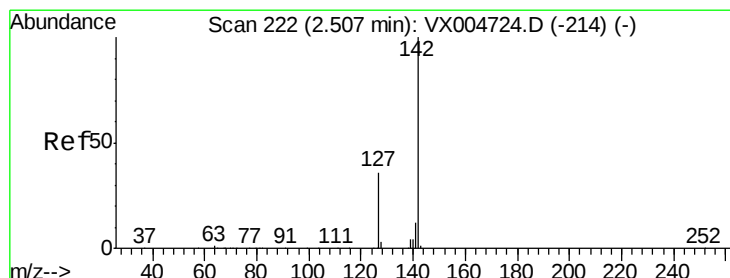
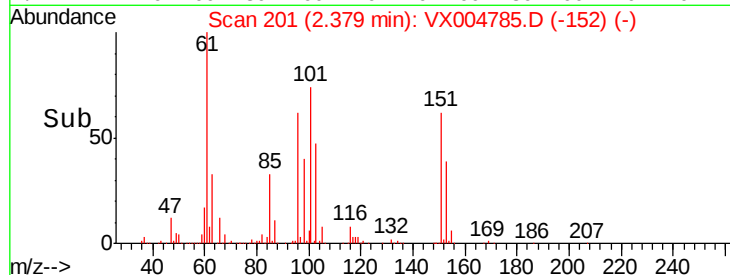
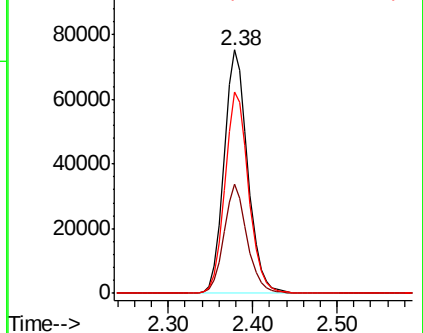
151 82.9 65.0 97.6



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: 30.870 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

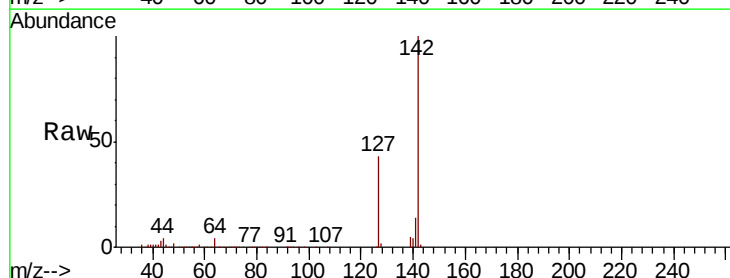
Tgt Ion:142 Resp: 109851

Ion Ratio Lower Upper

142 100

127 42.9 33.8 50.6

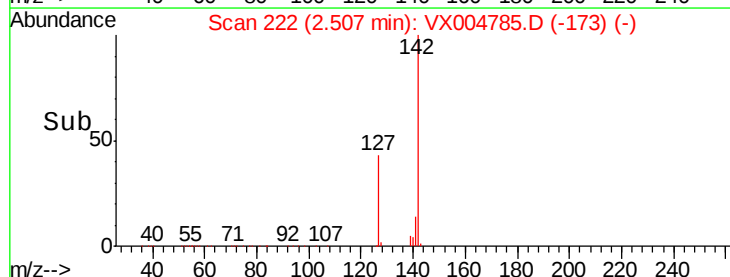
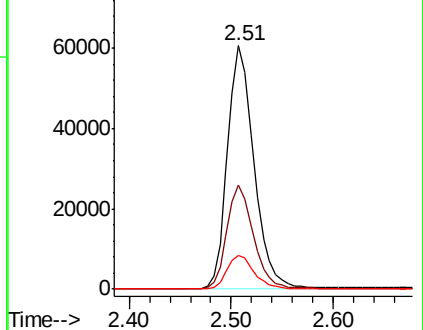
141 14.1 11.4 17.0

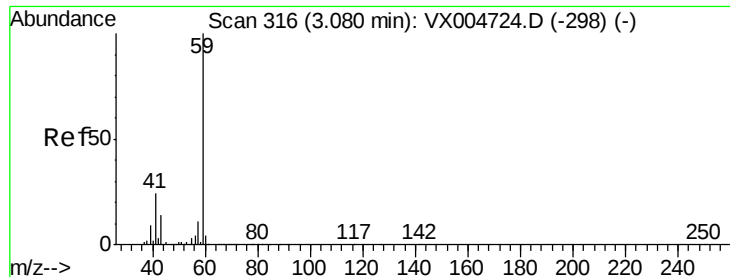


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

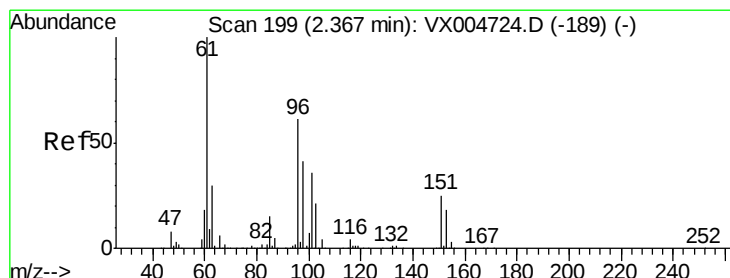
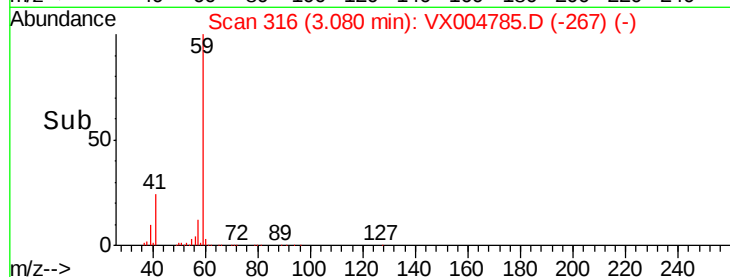
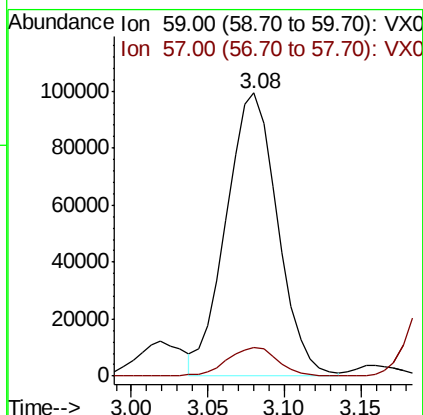
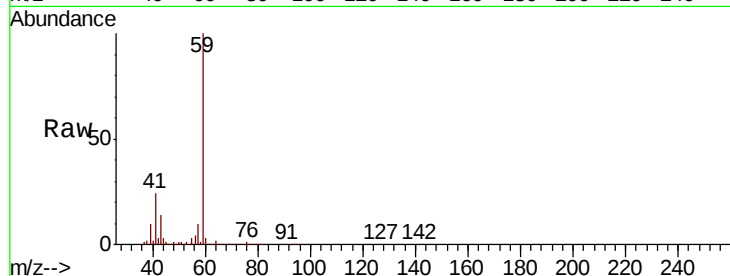




#11
Tert butyl alcohol
Concen: 239.257 ug/l
RT: 3.08 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

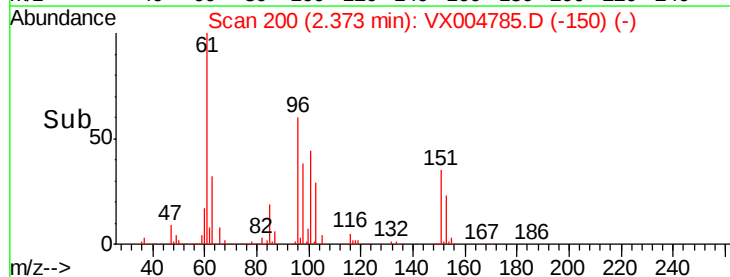
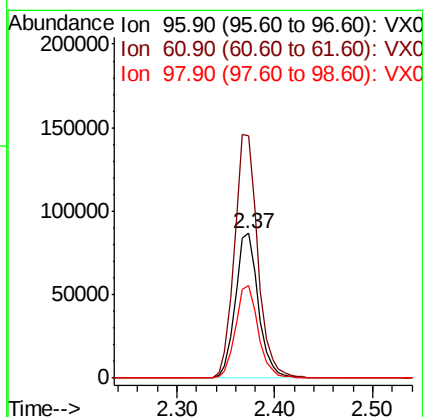
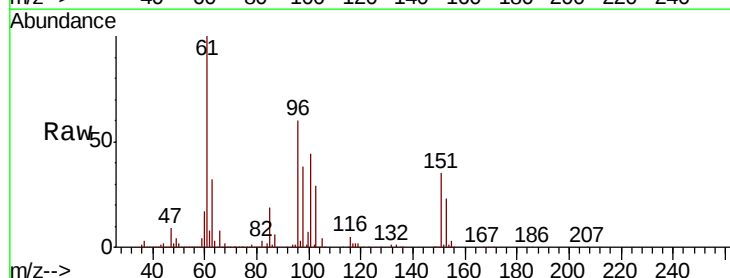
Instrument :
MSVOA_X
ClientSampleId :
CMT-22-6-SEP18MSD

Tot Ion: 59 Resp: 232274
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.4



#12
1,1-Dichloroethene
Concen: 53.913 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

Tgt Ion: 96 Resp: 141985
Ion Ratio Lower Upper
96 100
61 167.7 128.8 193.2
98 64.2 52.2 78.2





#13

Acrolein

Concen: 229.249 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

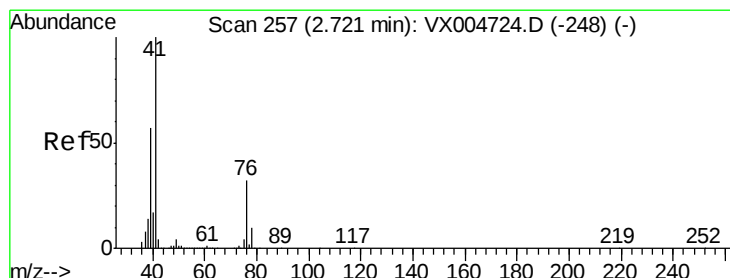
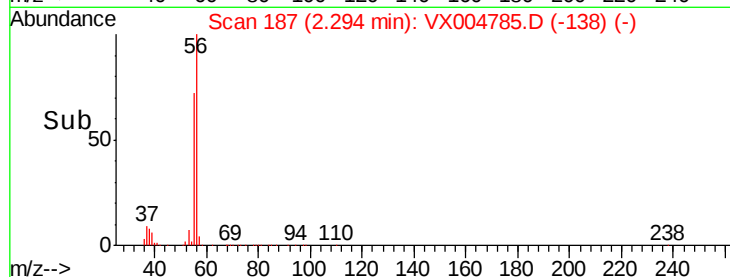
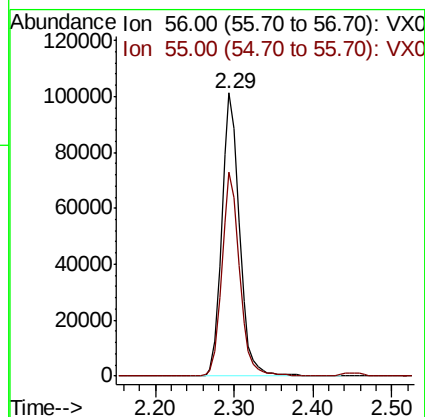
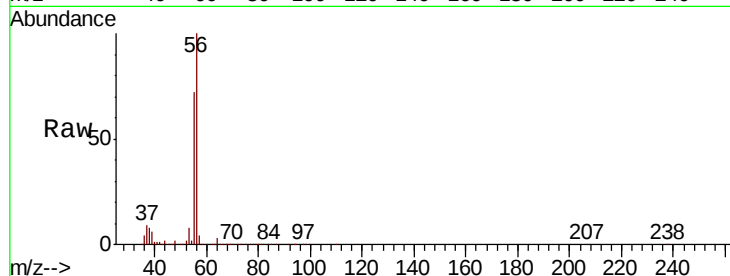
CMT-22-6-SEP18MSD

Tot Ion: 56 Resp: 158349

Ion Ratio Lower Upper

56 100

55 71.4 54.7 82.1



#14

Allyl chloride

Concen: 54.368 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

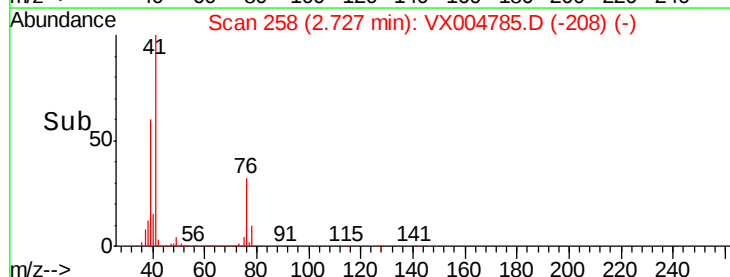
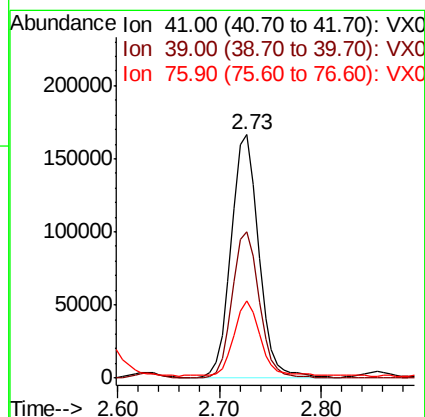
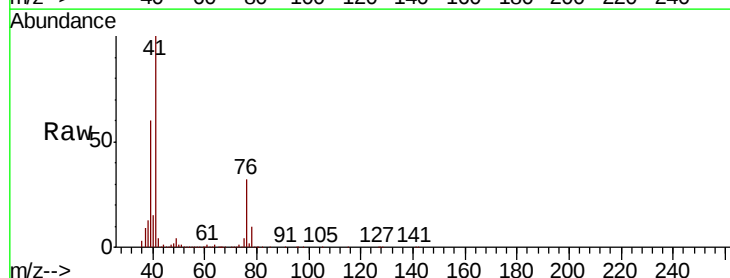
Tgt Ion: 41 Resp: 312412

Ion Ratio Lower Upper

41 100

39 58.3 48.9 73.3

76 30.6 26.7 40.1





#15

Acrylonitrile

Concen: 262.570 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

CMT-22-6-SEP18MSD

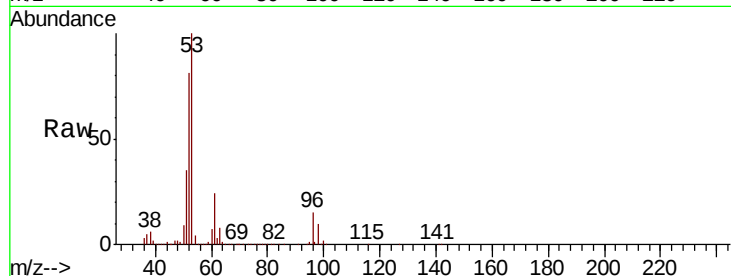
Tot Ion: 53 Resp: 561146

Ion Ratio Lower Upper

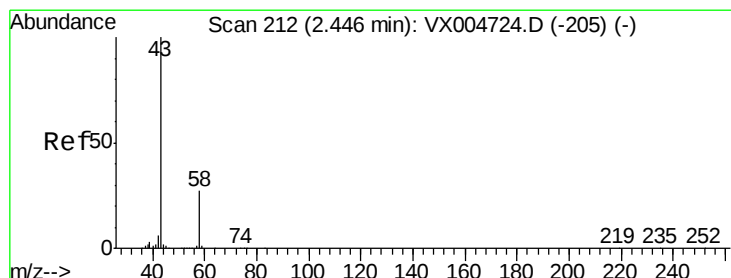
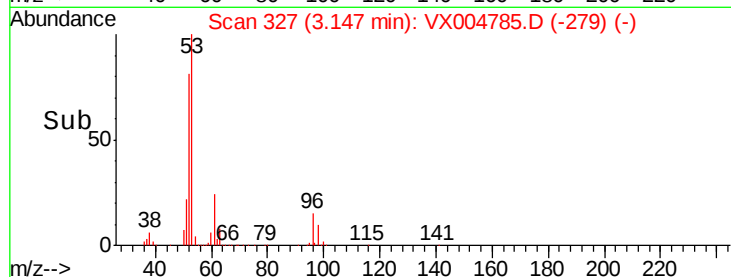
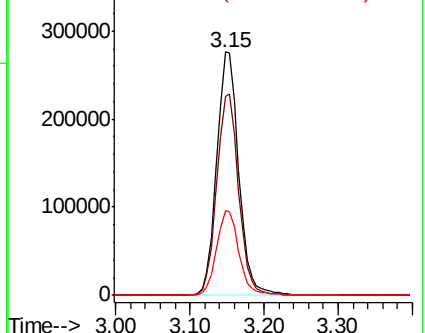
53 100

52 82.7 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: 238.686 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004785.D

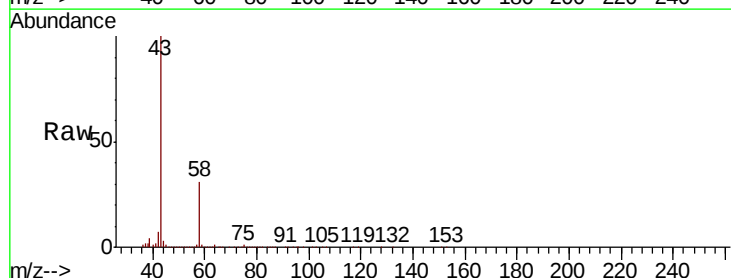
Acq: 27 Sep 2018 20:10

Tgt Ion: 43 Resp: 483826

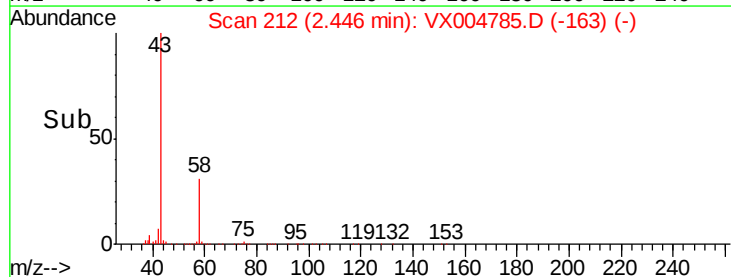
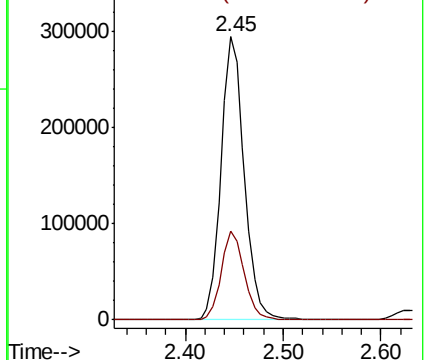
Ion Ratio Lower Upper

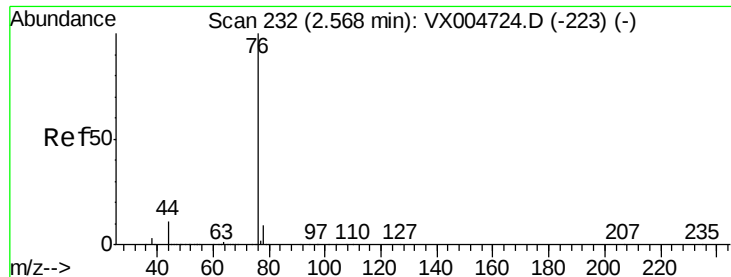
43 100

58 31.2 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: 55.324 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

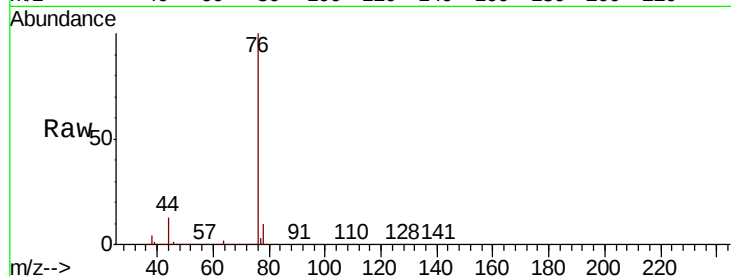
CMT-22-6-SEP18MSD

Tot Ion: 76 Resp: 437810

Ion Ratio Lower Upper

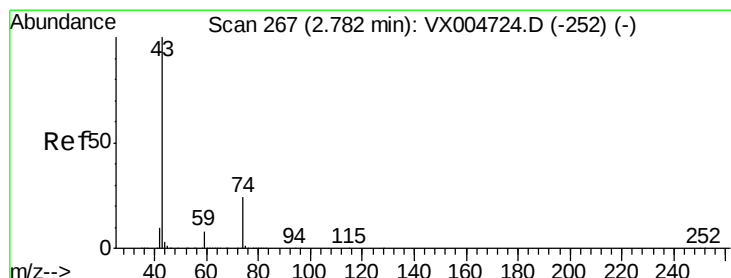
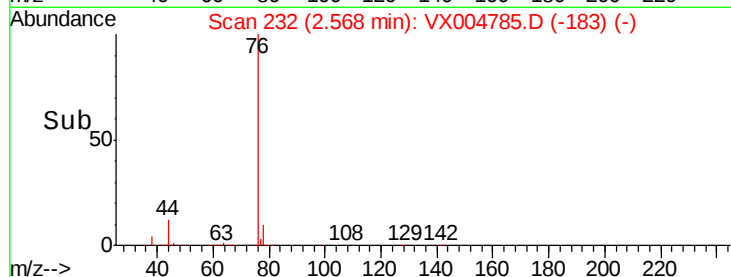
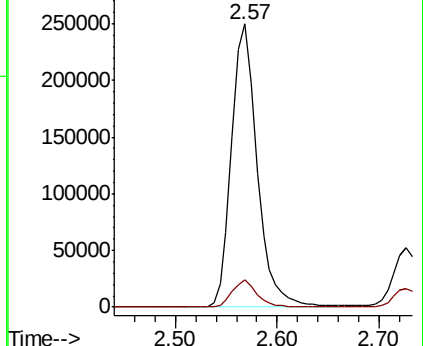
76 100

78 9.5 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 50.322 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX004785.D

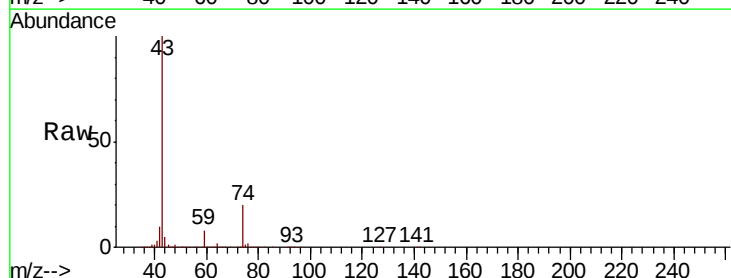
Acq: 27 Sep 2018 20:10

Tgt Ion: 43 Resp: 258439

Ion Ratio Lower Upper

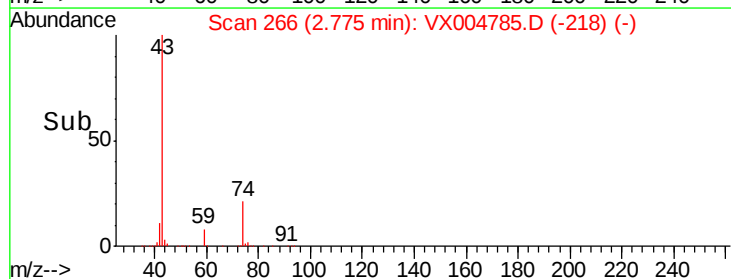
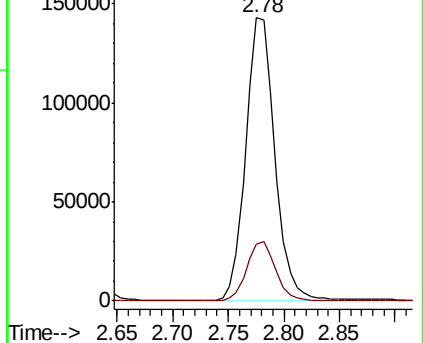
43 100

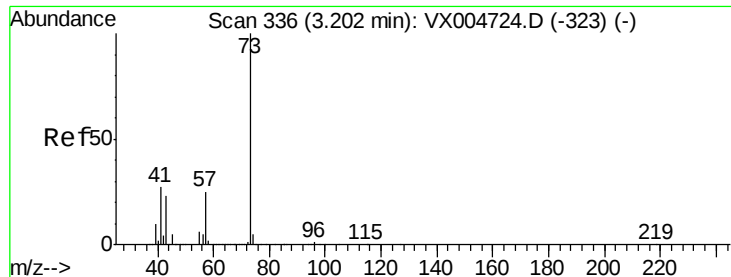
74 21.1 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

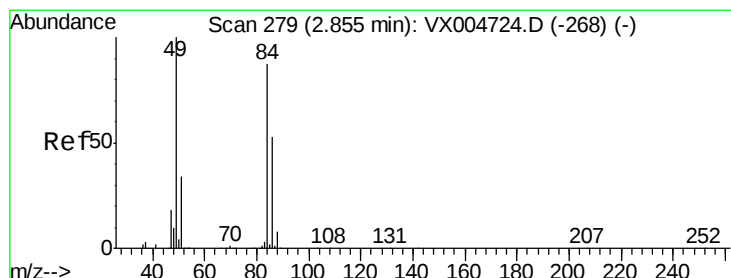
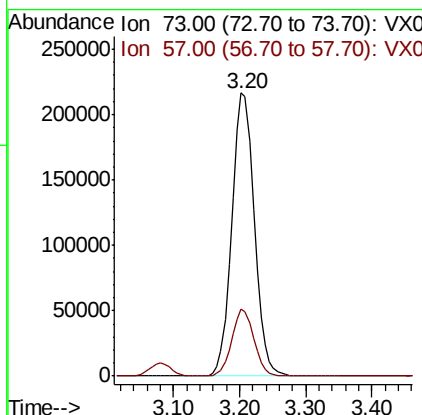
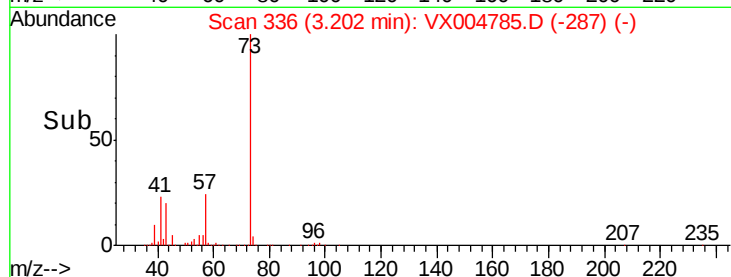
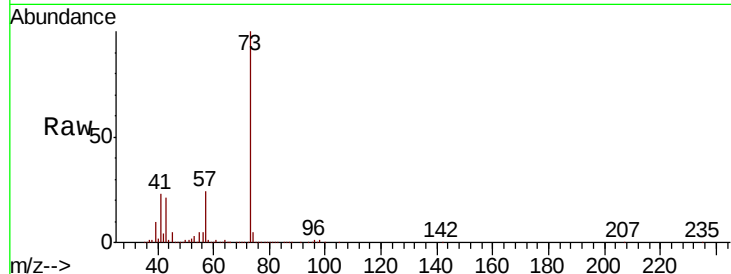




#19
Methvl tert-butvl Ether
Concen: 56.243 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

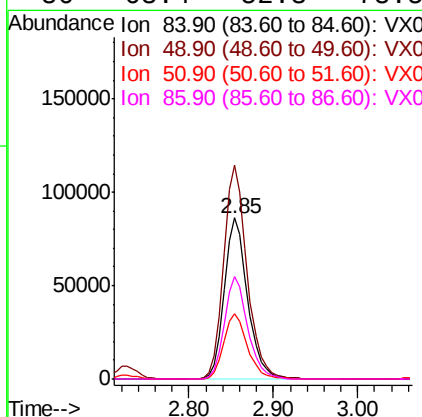
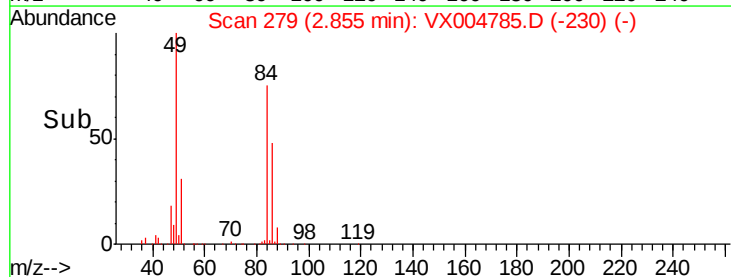
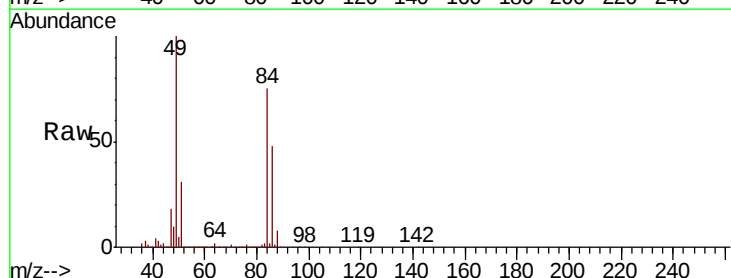
Instrument :
MSVOA_X
ClientSampleId :
CMT-22-6-SEP18MSD

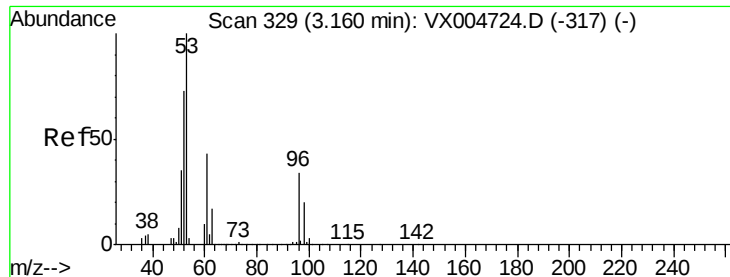
Tot Ion: 73 Resp: 510921
Ion Ratio Lower Upper
73 100
57 23.6 17.1 25.7



#20
Methylene Chloride
Concen: 55.633 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

Tgt Ion: 84 Resp: 163685
Ion Ratio Lower Upper
84 100
49 132.4 101.2 151.8
51 40.7 29.5 44.3
86 63.4 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 52.651 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

CMT-22-6-SEP18MSD

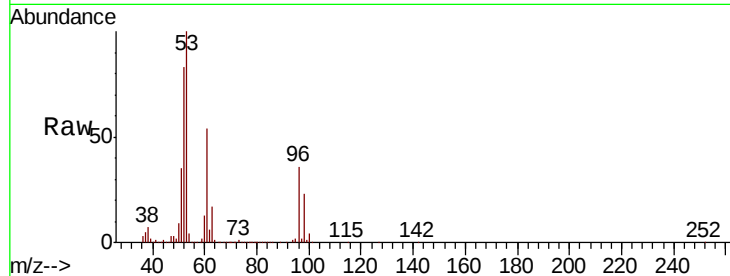
Tot Ion: 96 Resp: 151789

Ion Ratio Lower Upper

96 100

61 150.8 113.8 170.6

98 64.0 51.8 77.8

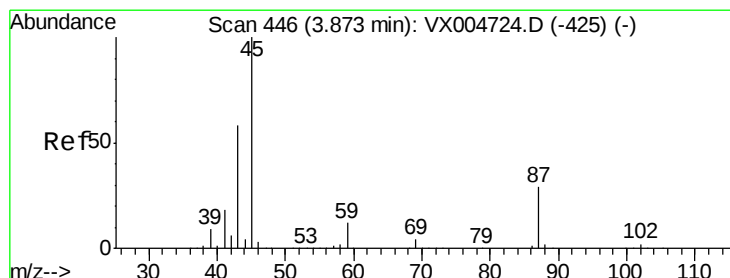
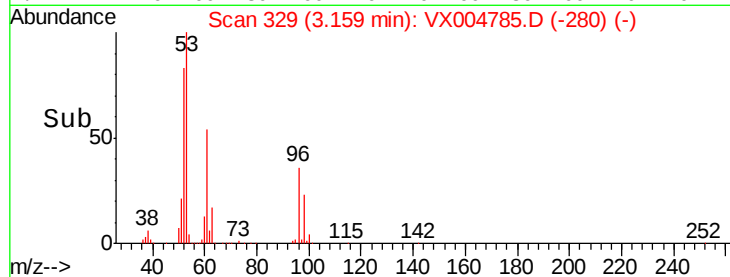
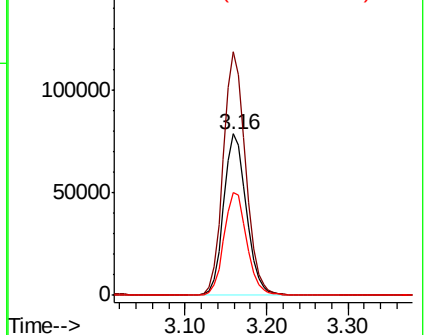


Abundance

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: 55.318 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Tgt Ion: 45 Resp: 535260

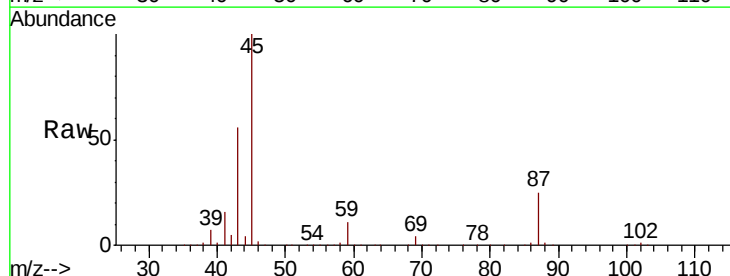
Ion Ratio Lower Upper

45 100

43 56.3 42.8 64.2

87 25.5 22.6 34.0

59 11.0 9.6 14.4



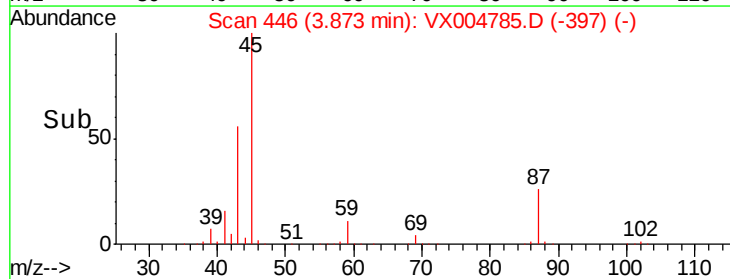
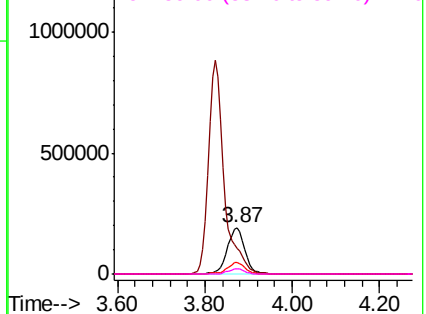
Abundance

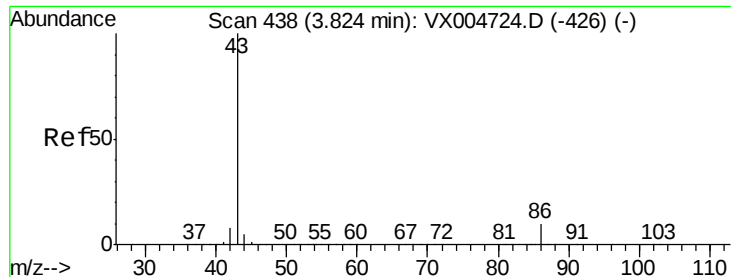
Ion 45.00 (44.70 to 45.70): VX0

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: 255.003 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

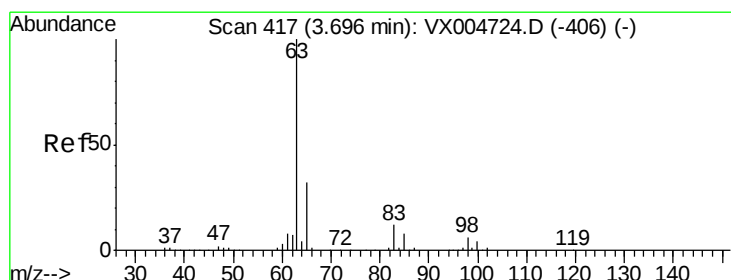
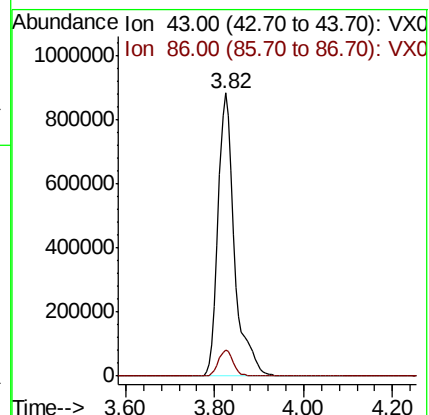
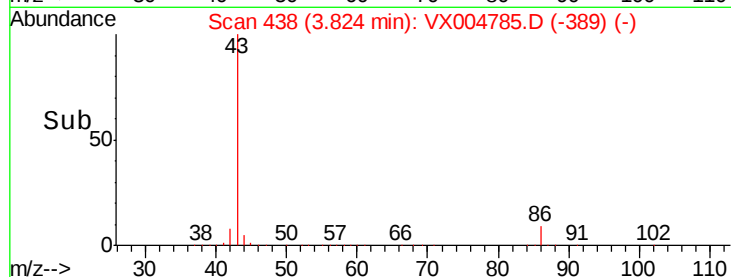
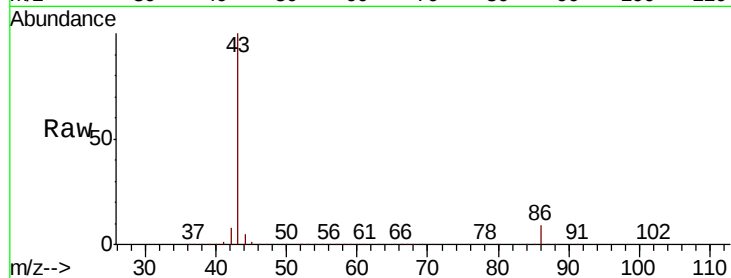
CMT-22-6-SEP18MSD

Tot Ion: 43 Resp: 2258599

Ion Ratio Lower Upper

43 100

86 9.4 8.9 13.3



#24

1,1-Dichloroethane

Concen: 49.596 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

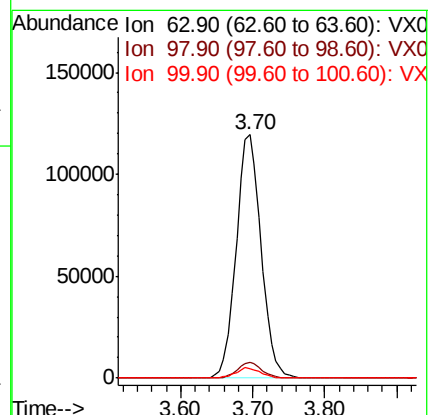
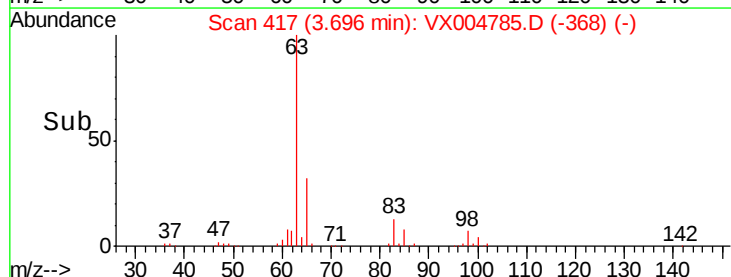
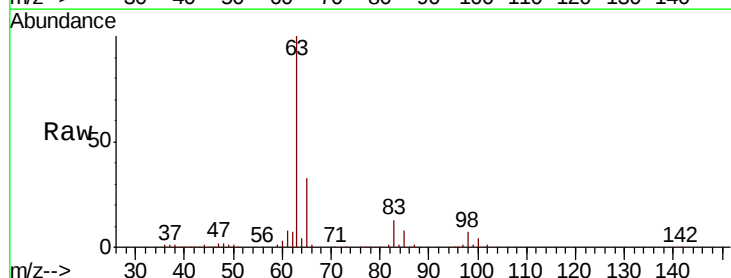
Tgt Ion: 63 Resp: 286263

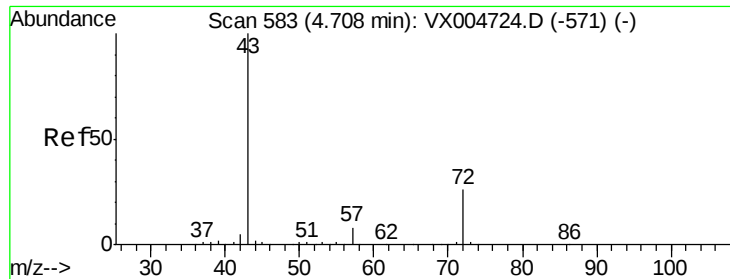
Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.4

100 4.0 2.4 7.1





#25

2-Butanone

Concen: 250.386 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

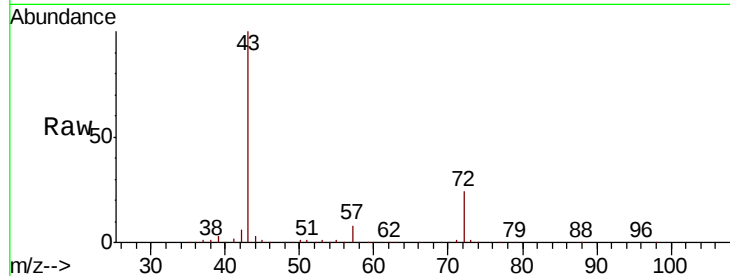
CMT-22-6-SEP18MSD

Tot Ion: 43 Resp: 748132

Ion Ratio Lower Upper

43 100

72 24.0 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

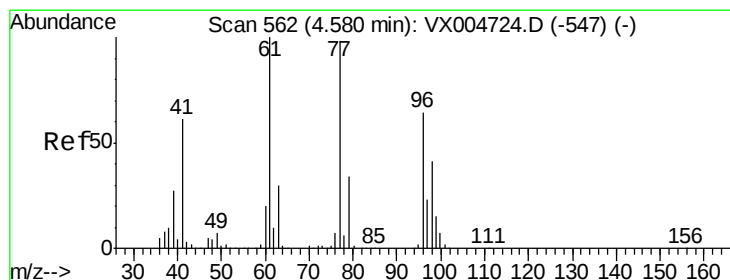
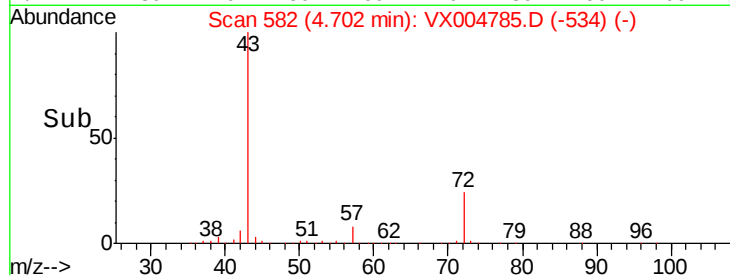
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 44.919 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004785.D

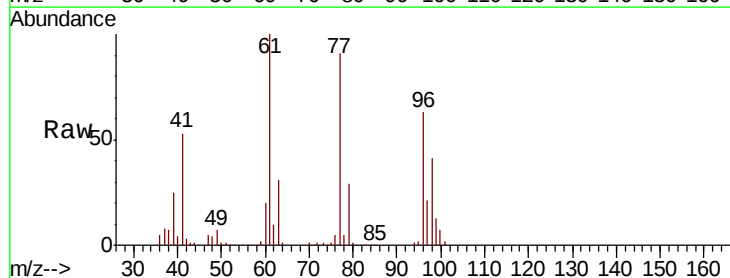
Acq: 27 Sep 2018 20:10

Tgt Ion: 77 Resp: 180544

Ion Ratio Lower Upper

77 100

97 23.8 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

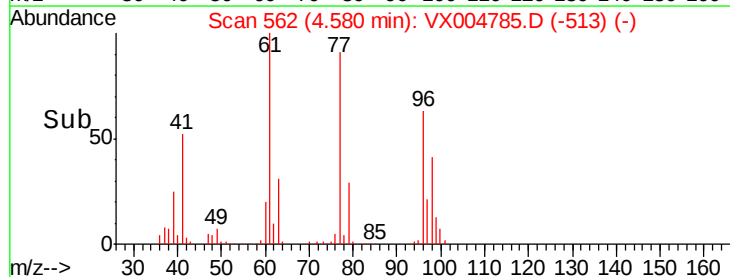
60000

40000

20000

0

Time-->



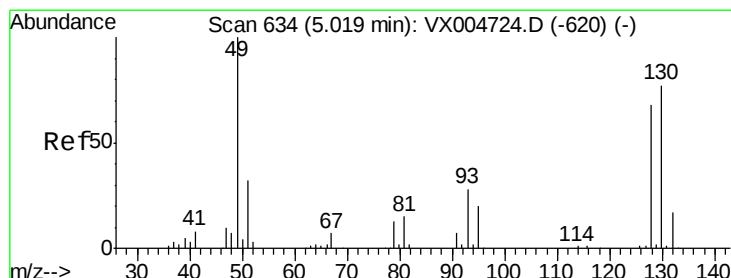
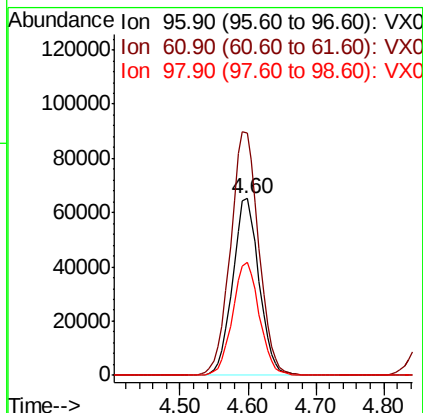
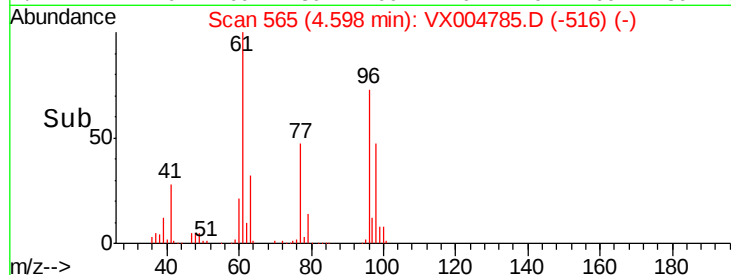
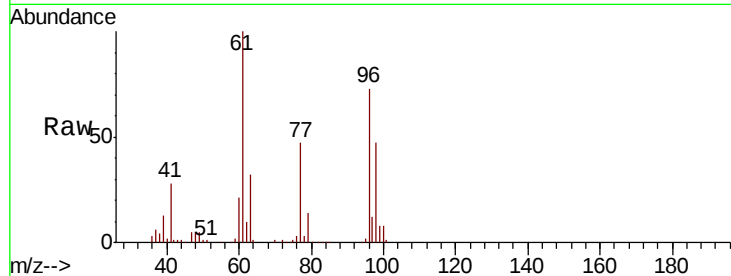


#27

cis-1,2-Dichloroethene
 Concen: 54.770 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX004785.D
 Acq: 27 Sep 2018 20:10

Instrument :
 MSVOA_X
 ClientSampleId :
 CMT-22-6-SEP18MSD

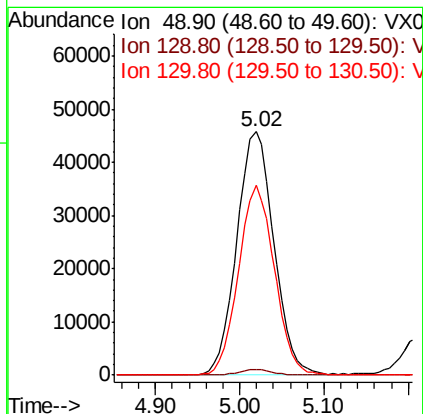
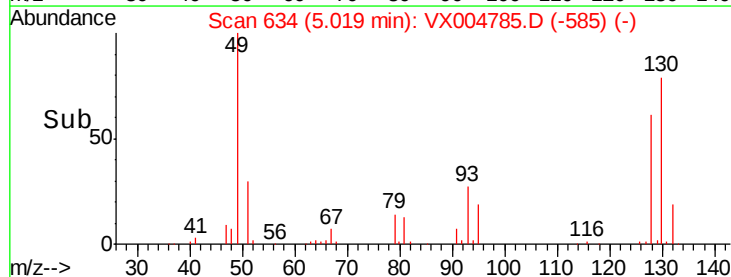
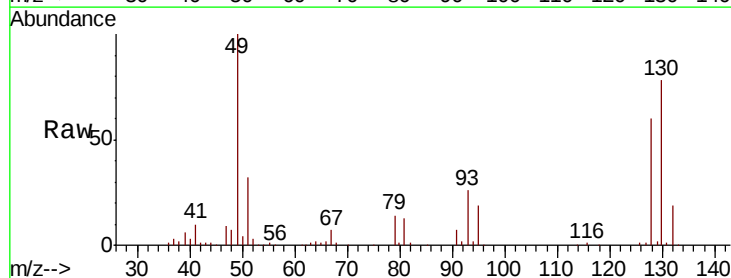
Tot Ion	Ratio	Lower	Upper
96	100		
61	146.3	0.0	282.6
98	64.5	0.0	130.2

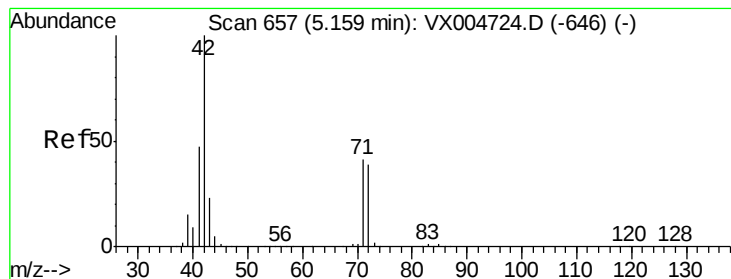


#28

Bromochloromethane
 Concen: 50.395 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX004785.D
 Acq: 27 Sep 2018 20:10

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	75.3	67.5	101.3





#29

Tetrahydrofuran

Concen: 267.770 ug/l

RT: 5.16 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

CMT-22-6-SEP18MSD

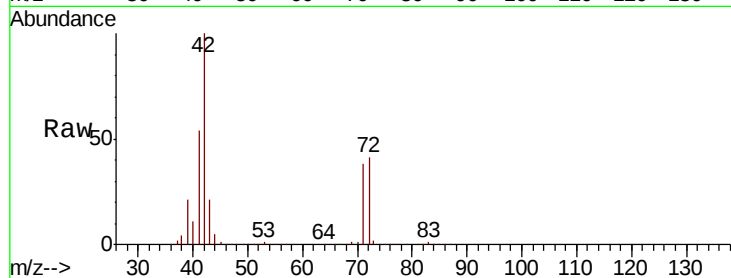
Tot Ion: 42 Resp: 497275

Ion Ratio Lower Upper

42 100

72 40.9 37.4 56.0

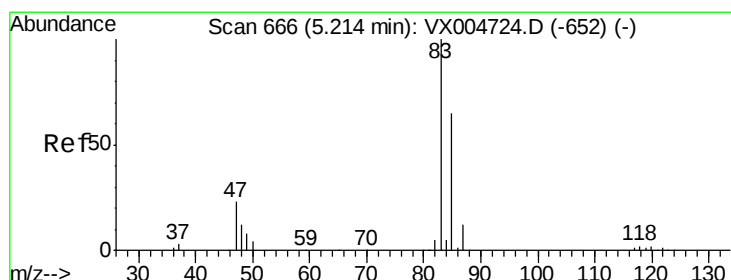
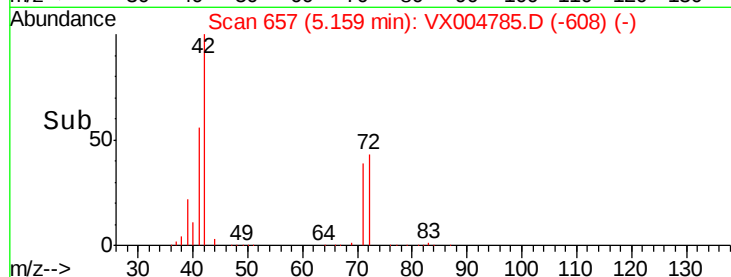
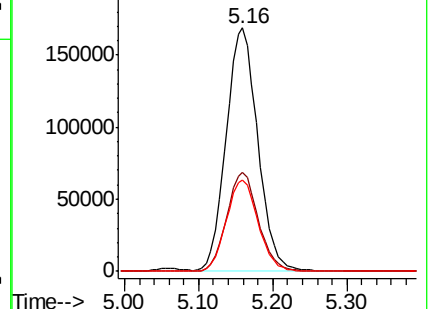
71 38.0 34.5 51.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 50.512 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX004785.D

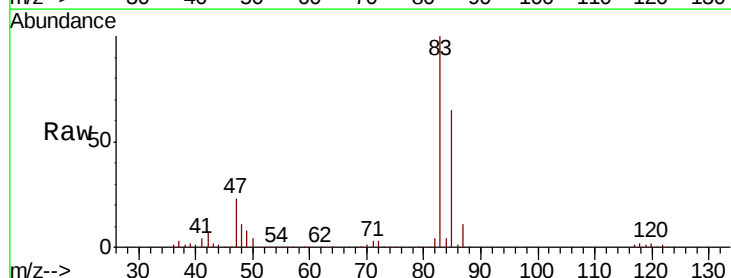
Acq: 27 Sep 2018 20:10

Tgt Ion: 83 Resp: 275544

Ion Ratio Lower Upper

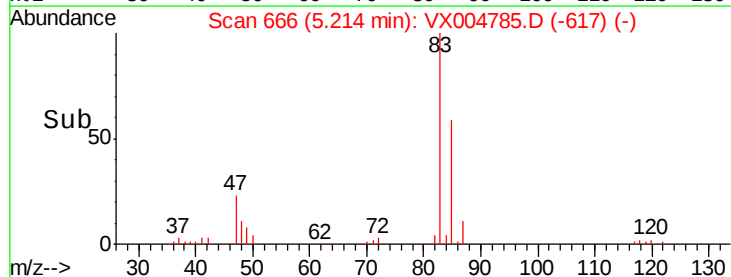
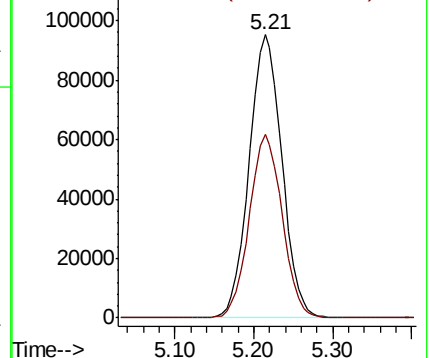
83 100

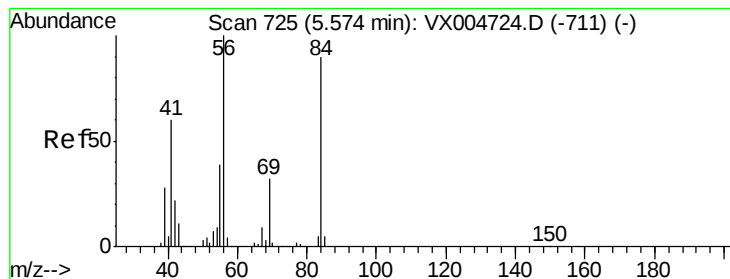
85 64.9 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 58.783 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

CMT-22-6-SEP18MSD

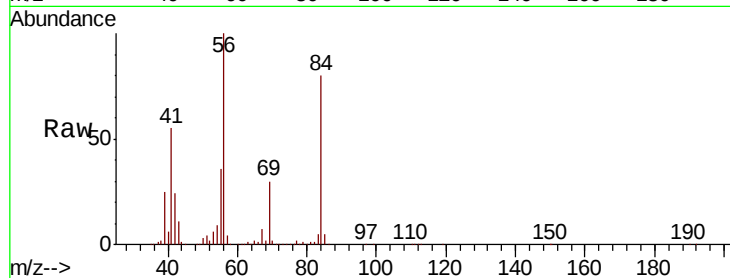
Tot Ion: 56 Resp: 259684

Ion Ratio Lower Upper

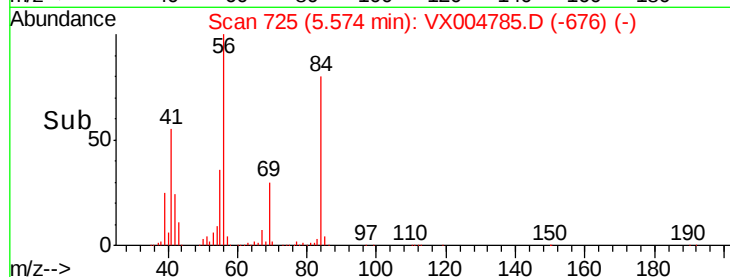
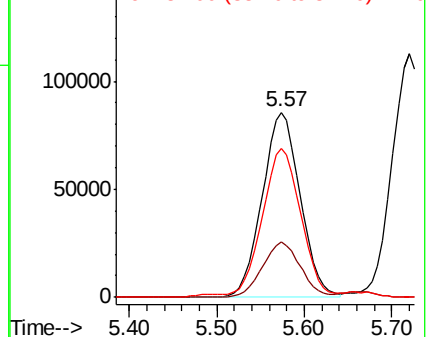
56 100

69 29.9 25.4 38.2

84 79.5 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: 53.447 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

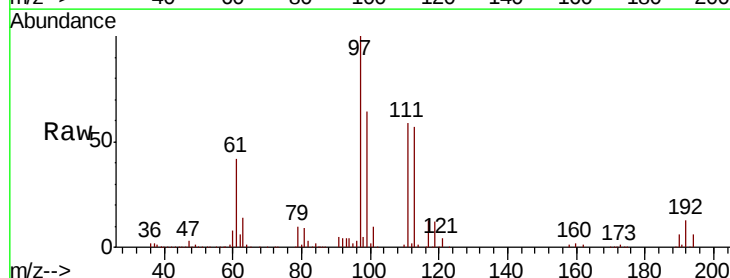
Tgt Ion: 97 Resp: 238107

Ion Ratio Lower Upper

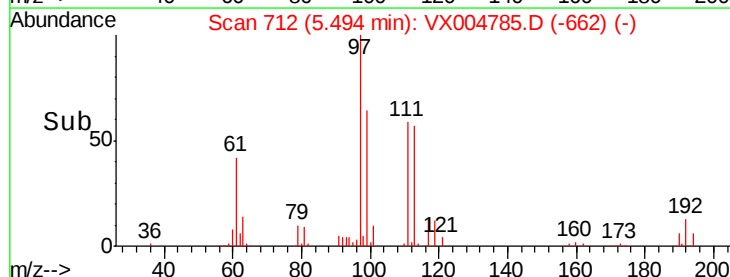
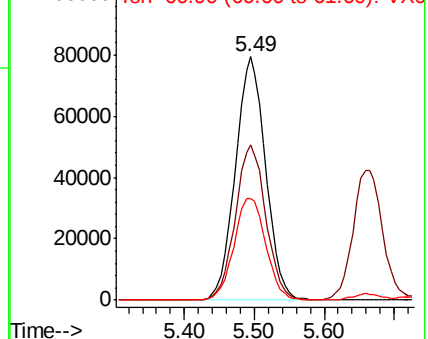
97 100

99 64.3 52.0 78.0

61 44.2 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: 49.334 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

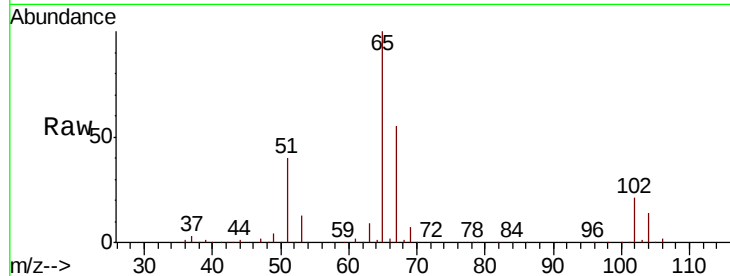
CMT-22-6-SEP18MSD

Tot Ion: 65 Resp: 171288

Ion Ratio Lower Upper

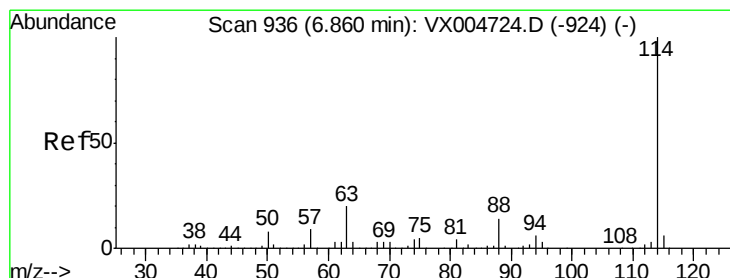
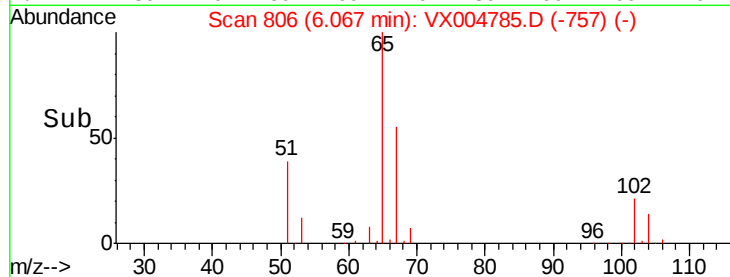
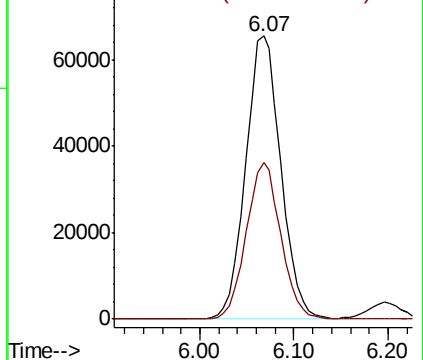
65 100

67 54.3 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: VX004785.D

Acq: 27 Sep 2018 20:10

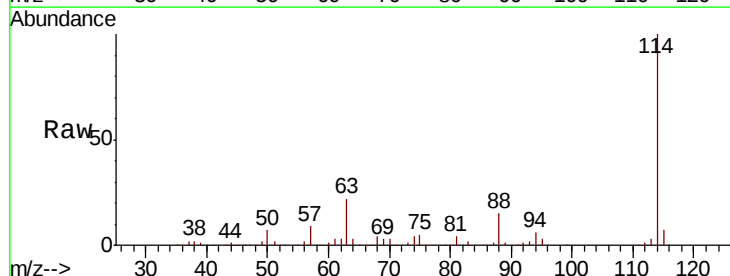
Tgt Ion: 114 Resp: 371405

Ion Ratio Lower Upper

114 100

63 21.6 0.0 39.0

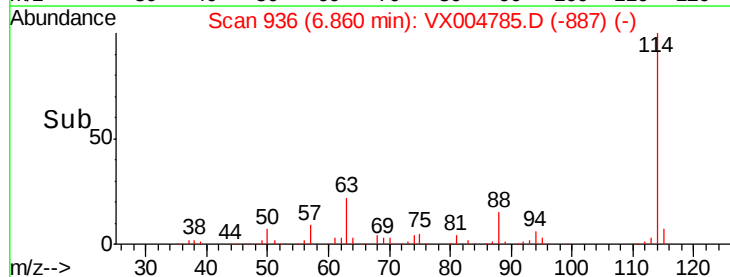
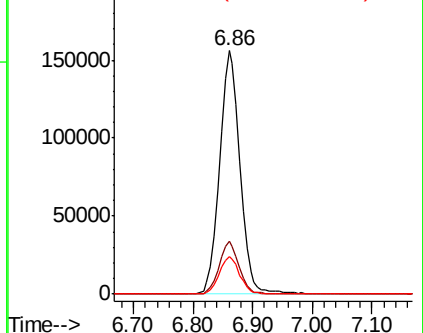
88 15.3 0.0 30.4



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: 44.401 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

CMT-22-6-SEP18MSD

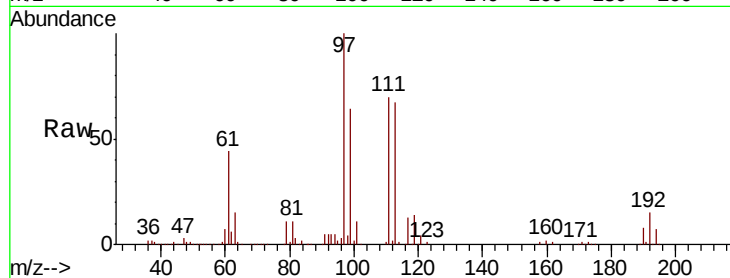
Tot Ion:113 Resp: 139762

Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

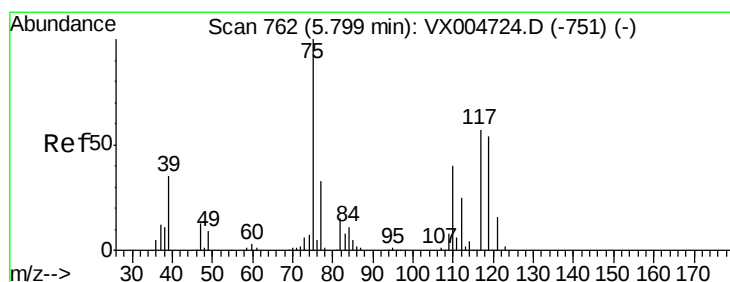
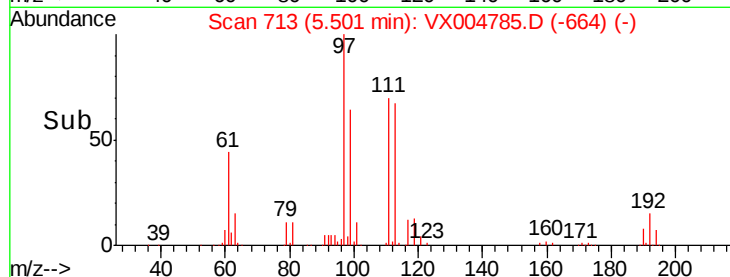
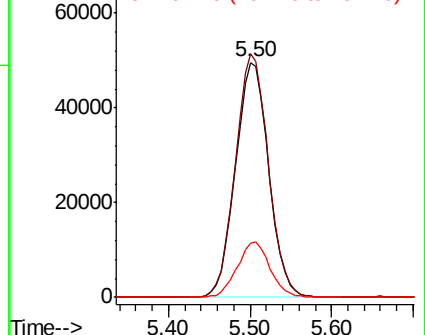
192 23.3 19.4 29.2



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: 48.540 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

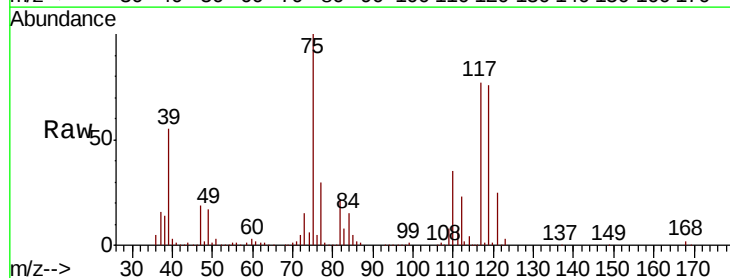
Tgt Ion: 75 Resp: 208460

Ion Ratio Lower Upper

75 100

110 35.8 18.0 54.0

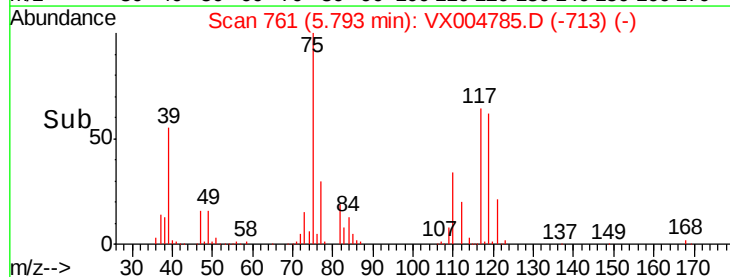
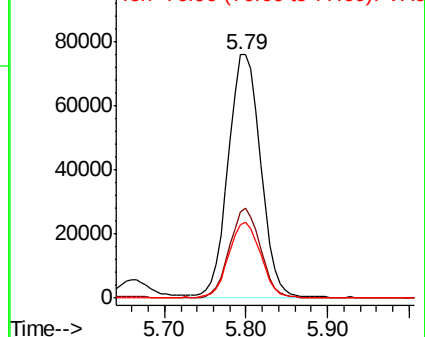
77 30.9 24.6 36.8

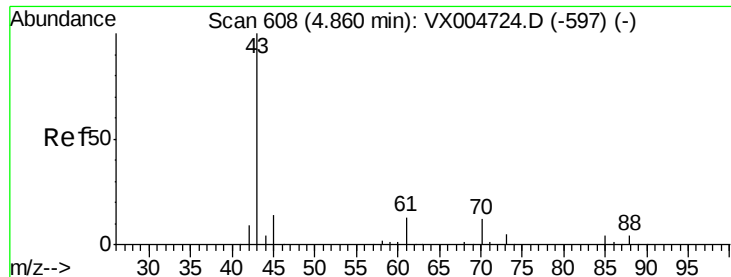


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 45.195 ug/l

RT: 4.86 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

CMT-22-6-SEP18MSD

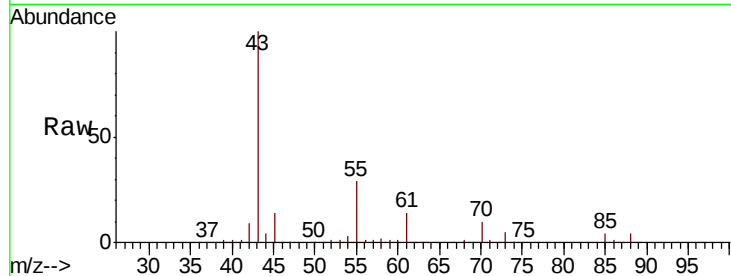
Tot Ion: 43 Resp: 257642

Ion Ratio Lower Upper

43 100

61 13.6 11.5 17.3

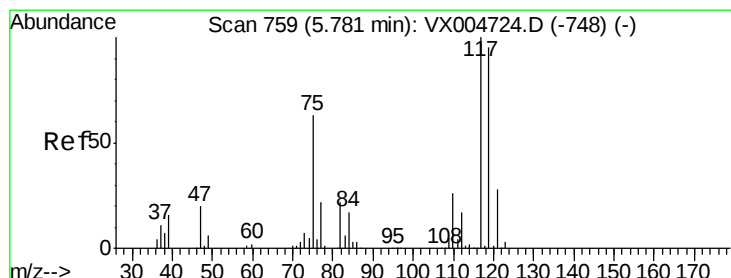
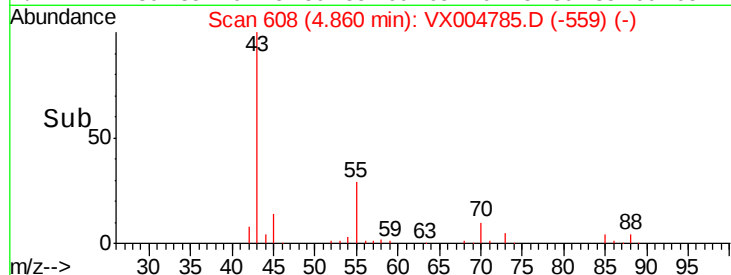
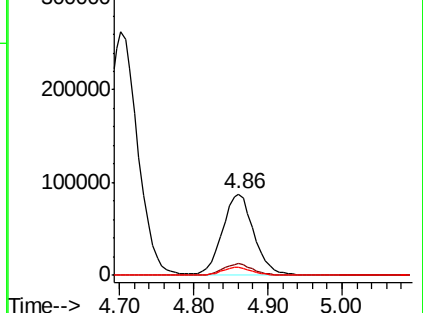
70 9.7 9.0 13.6



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: 46.466 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

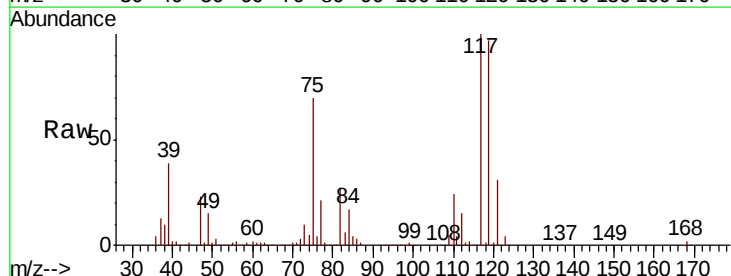
Tgt Ion: 117 Resp: 209767

Ion Ratio Lower Upper

117 100

119 97.0 78.8 118.2

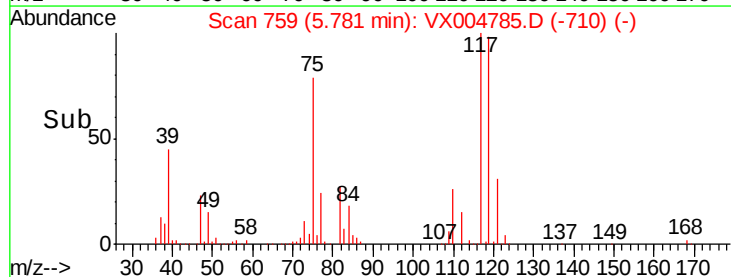
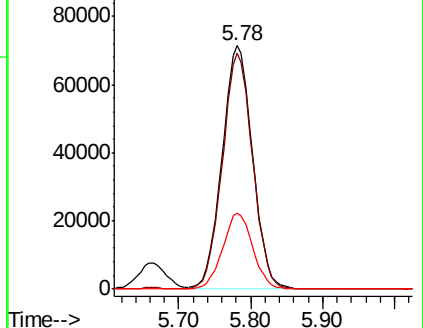
121 31.2 24.9 37.3

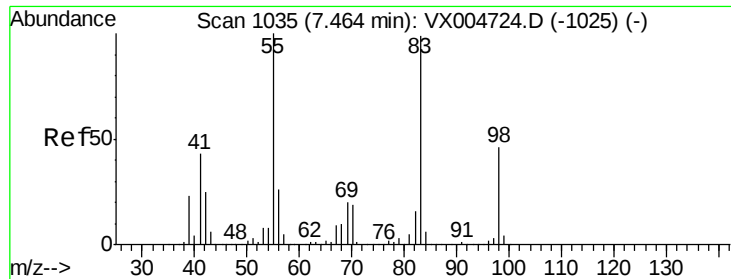


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

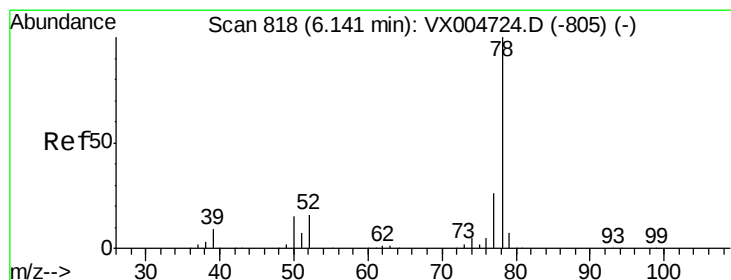
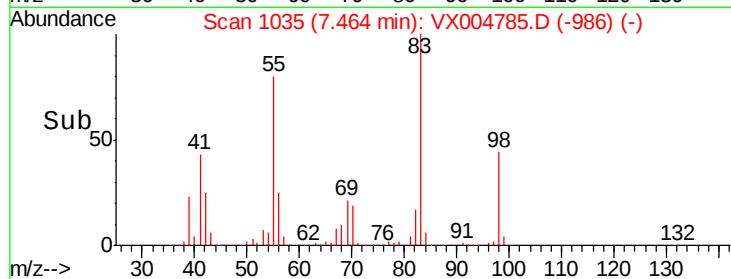
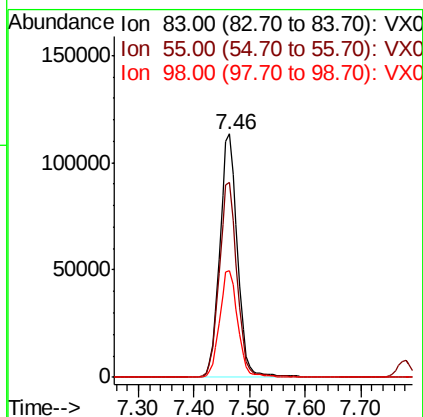
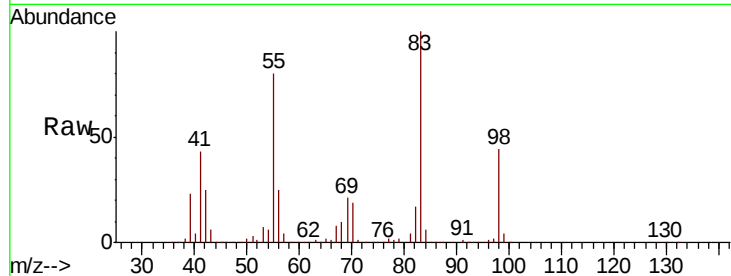




#39
Methvlcvclohexane
Concen: 56.923 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

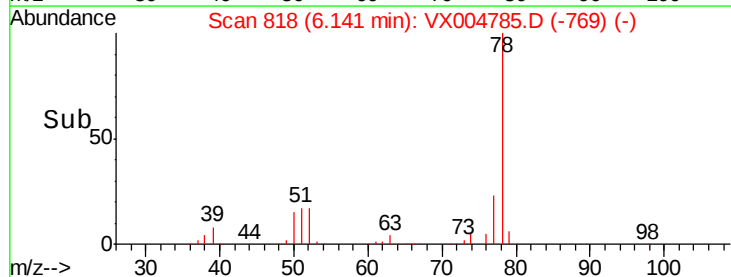
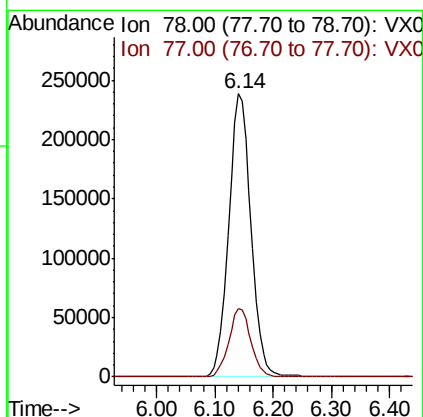
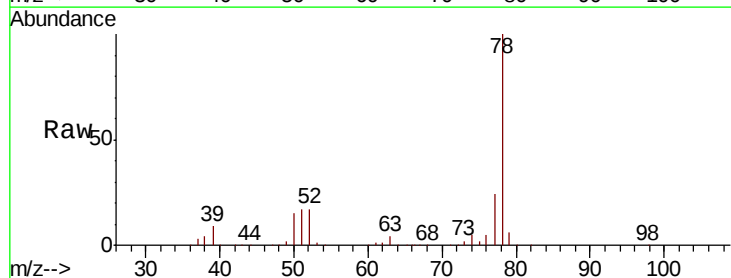
Instrument :
MSVOA_X
ClientSampleId :
CMT-22-6-SEP18MSD

Tot Ion: 83 Resp: 249623
Ion Ratio Lower Upper
83 100
55 80.0 61.0 91.4
98 44.0 39.6 59.4



#40
Benzene
Concen: 47.209 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

Tgt Ion: 78 Resp: 634737
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4

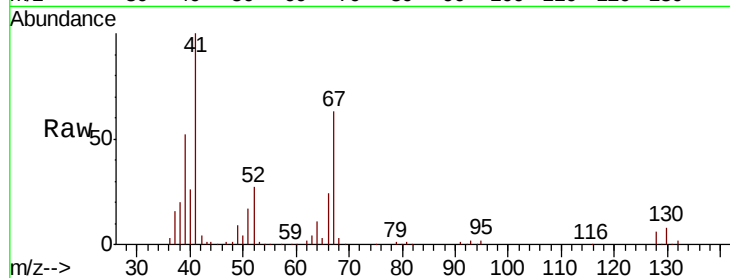




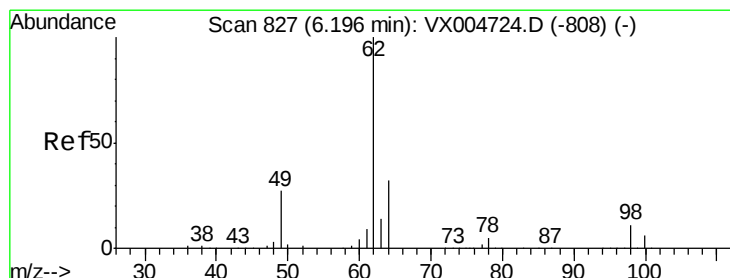
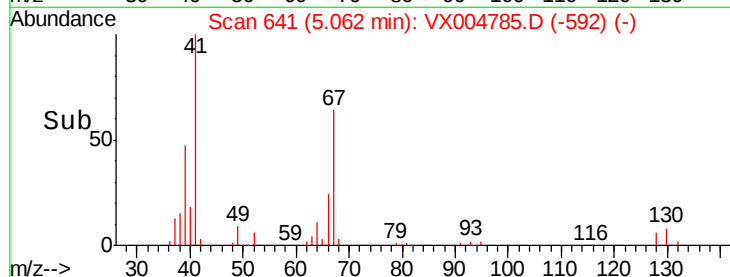
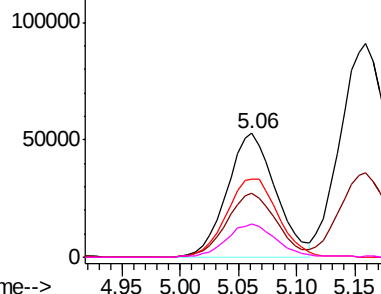
#41
Methacrylonitrile
Concen: 48.368 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

Instrument :
MSVOA_X
ClientSampleId :
CMT-22-6-SEP18MSD

Tot Ion:	41	Resp:	152916
Ion	Ratio	Lower	Upper
41	100		
39	52.6	42.4	63.6
67	67.5	59.2	88.8
52	28.0	23.0	34.4

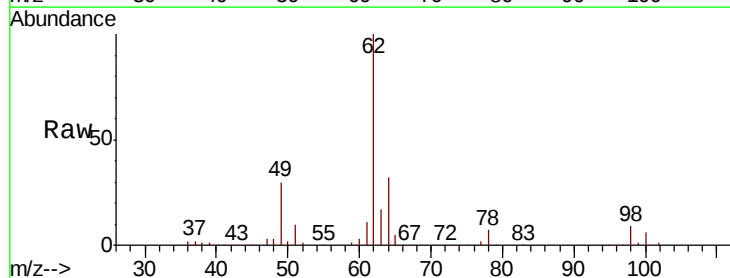


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

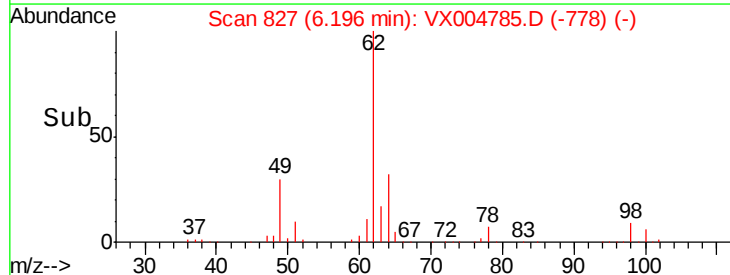
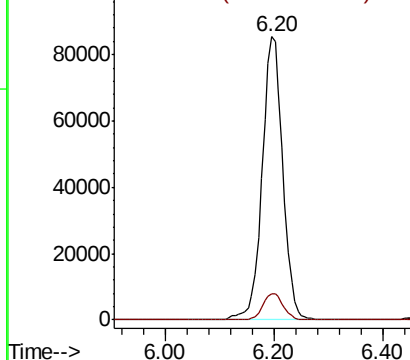


#42
1,2-Dichloroethane
Concen: 47.093 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

Tgt Ion:	62	Resp:	223834
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



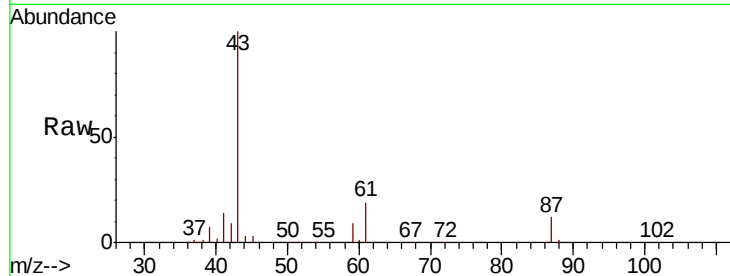


#43

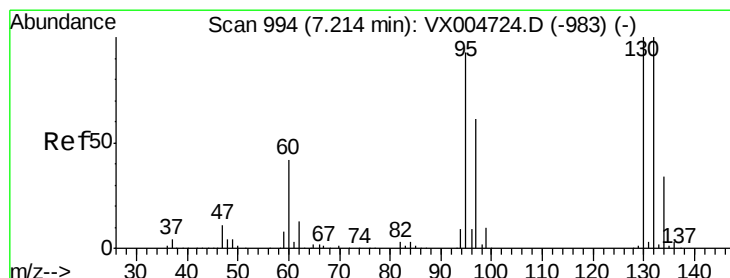
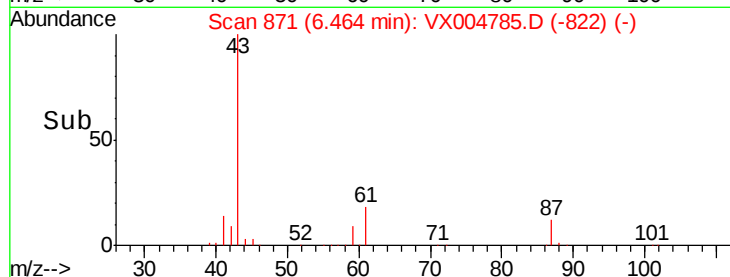
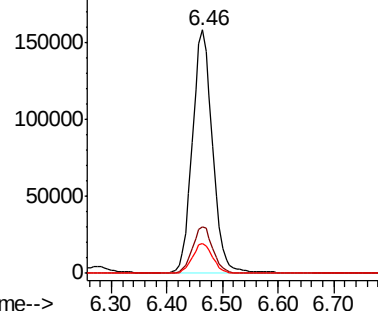
Isopropyl Acetate
 Concen: 48.052 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX004785.D
 Acq: 27 Sep 2018 20:10

Instrument :
 MSVOA_X
 ClientSampleId :
 CMT-22-6-SEP18MSD

Tot Ion: 43 Resp: 395378
 Ion Ratio Lower Upper
 43 100
 61 19.6 17.0 25.4
 87 12.4 11.4 17.2



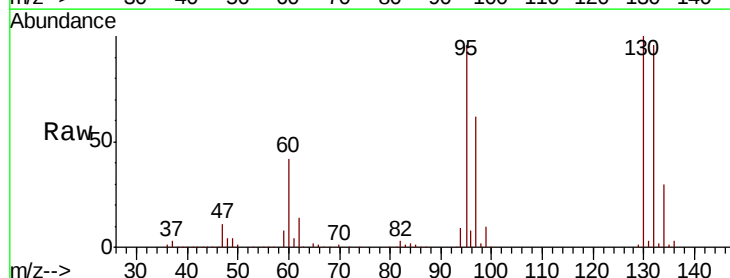
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



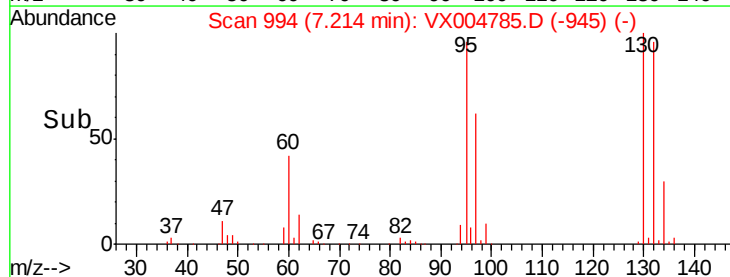
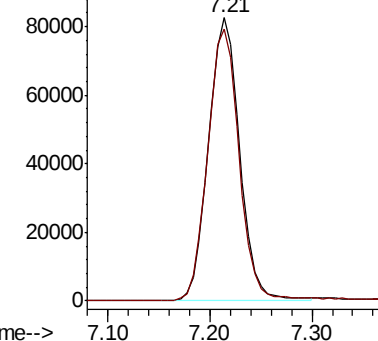
#44

Trichloroethene
 Concen: 52.976 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX004785.D
 Acq: 27 Sep 2018 20:10

Tgt Ion:130 Resp: 175099
 Ion Ratio Lower Upper
 130 100
 95 96.1 0.0 181.6



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

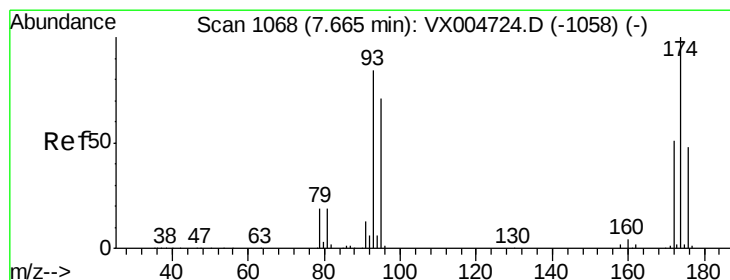
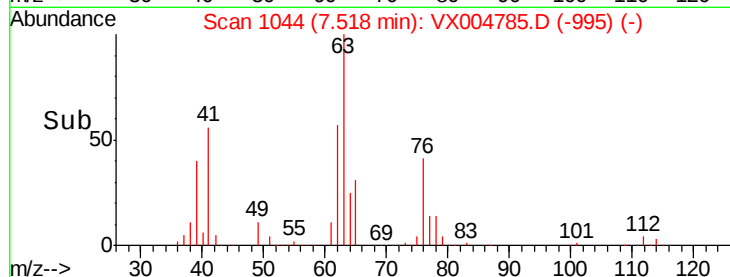
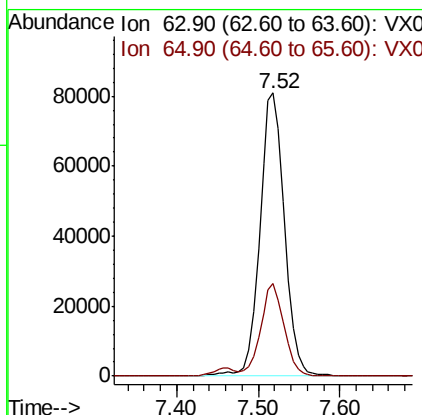
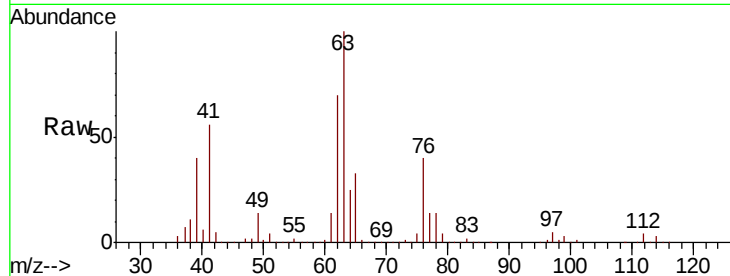




#45
 1,2-Dichloropropane
 Concen: 51.679 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX004785.D
 Acq: 27 Sep 2018 20:10

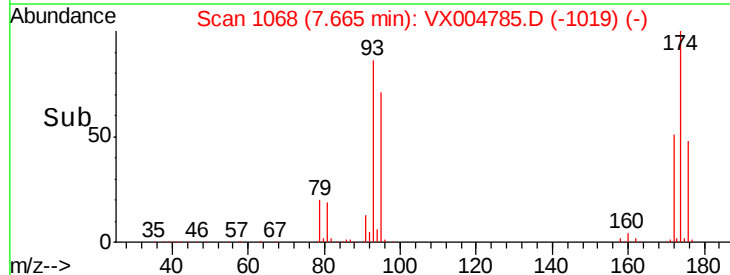
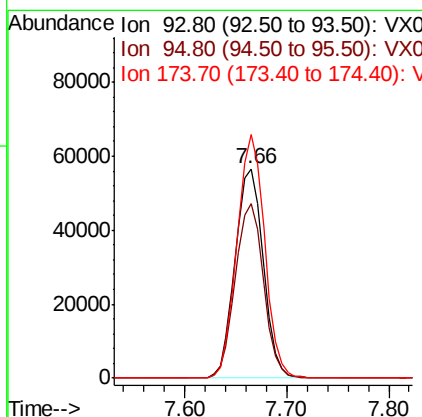
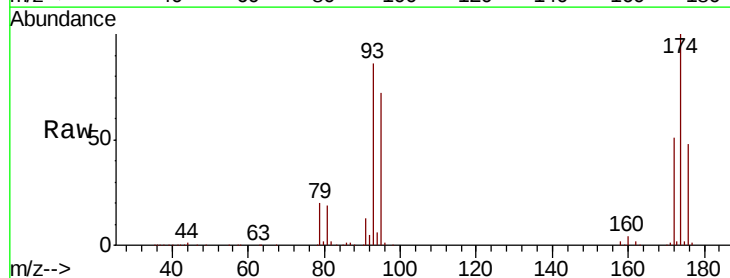
Instrument :
 MSVOA_X
 ClientSampleId :
 CMT-22-6-SEP18MSD

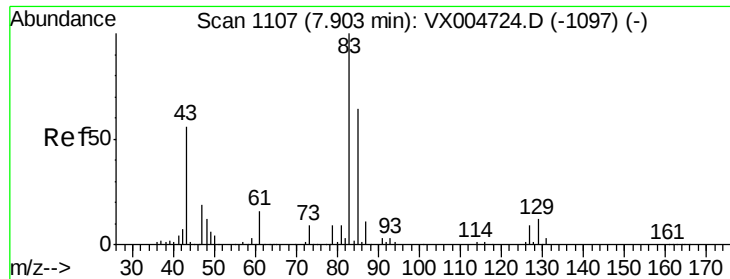
Tot Ion: 63 Resp: 170396
 Ion Ratio Lower Upper
 63 100
 65 32.6 24.3 36.5



#46
 Dibromomethane
 Concen: 52.394 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX004785.D
 Acq: 27 Sep 2018 20:10

Tgt Ion: 93 Resp: 108569
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.5 98.3
 174 114.1 94.2 141.4





#47

Bromodichloromethane

Concen: 53.499 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

CMT-22-6-SEP18MSD

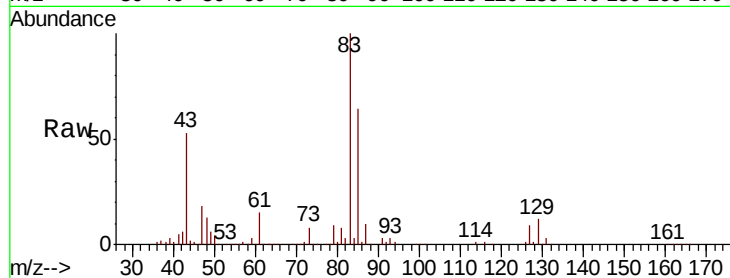
Tot Ion: 83 Resp: 207555

Ion Ratio Lower Upper

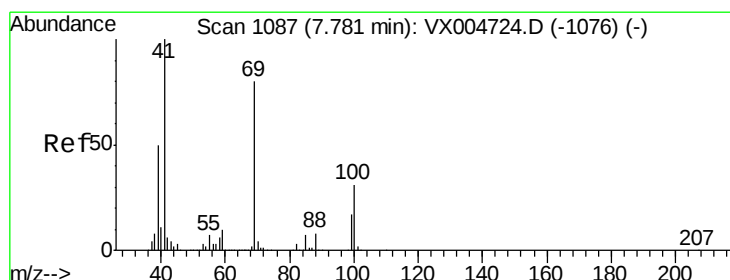
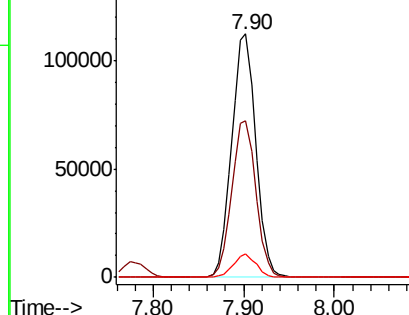
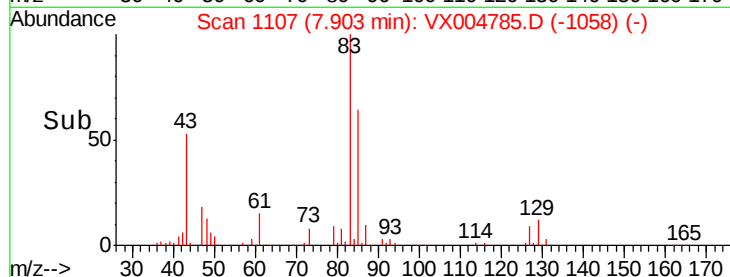
83 100

85 64.2 50.9 76.3

127 9.4 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: 57.606 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

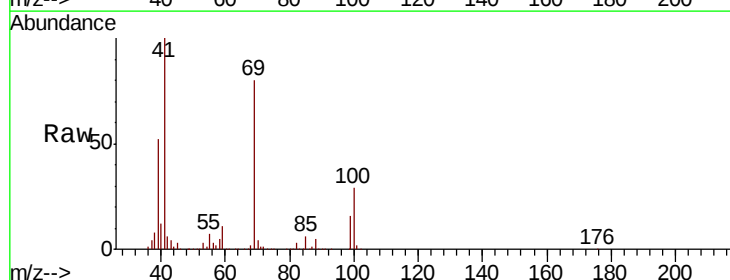
Tgt Ion: 41 Resp: 215136

Ion Ratio Lower Upper

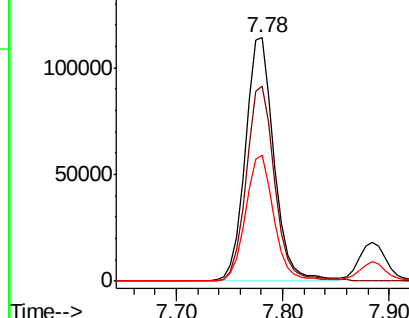
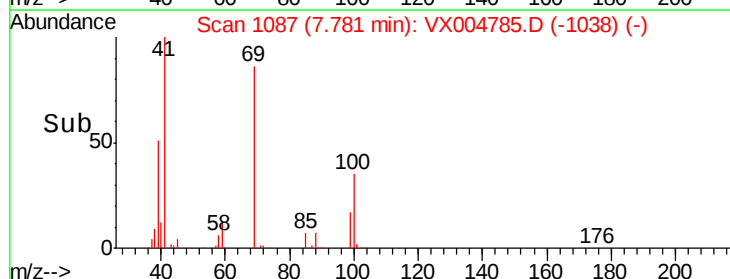
41 100

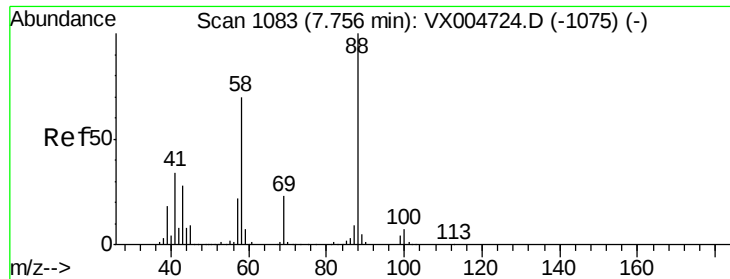
69 79.9 70.2 105.4

39 51.1 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

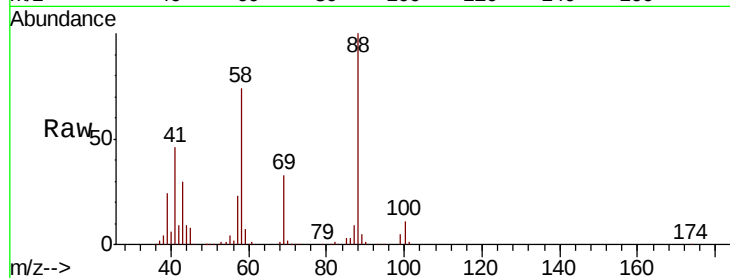




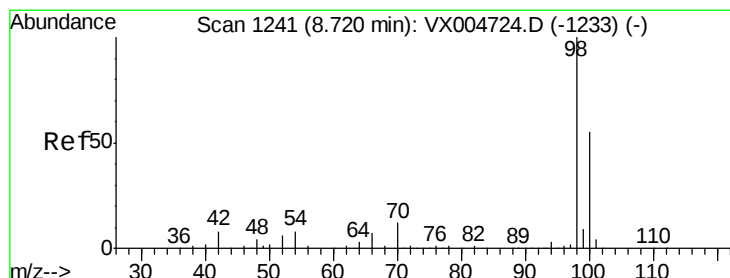
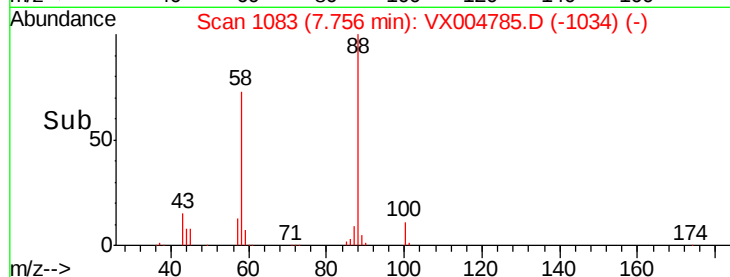
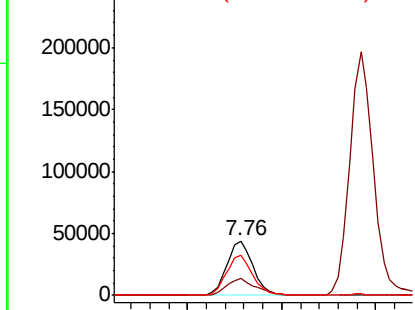
#49
1,4-Dioxane
Concen: 903.694 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

Instrument :
MSVOA_X
ClientSampleId :
CMT-22-6-SEP18MSD

Tot Ion: 88 Resp: 83847
Ion Ratio Lower Upper
88 100
43 34.4 24.7 37.1
58 74.7 55.3 82.9

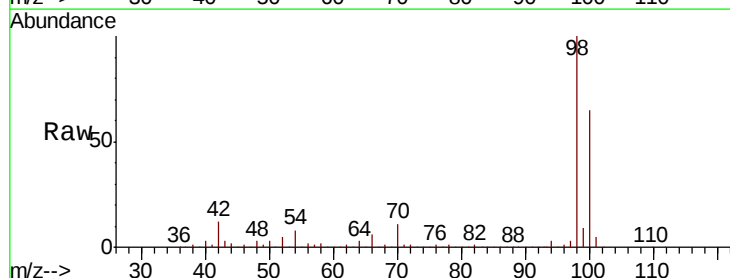


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

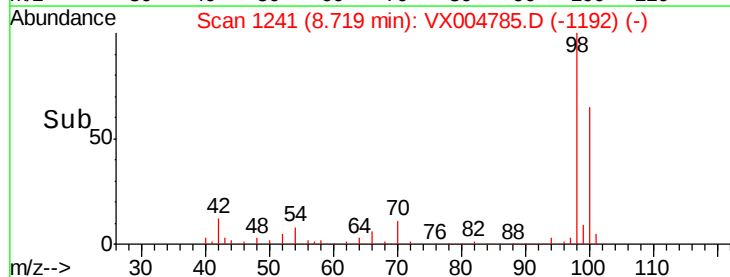
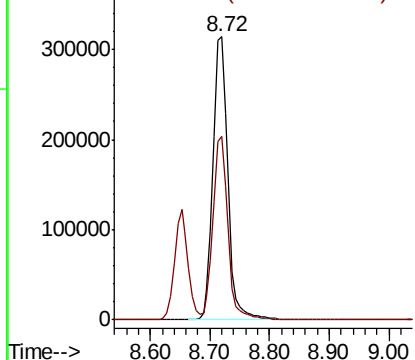


#50
Toluene-d8
Concen: 51.191 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

Tgt Ion: 98 Resp: 535691
Ion Ratio Lower Upper
98 100
100 65.1 52.9 79.3



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





#51

4-Methyl-2-Pentanone

Concen: 275.846 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

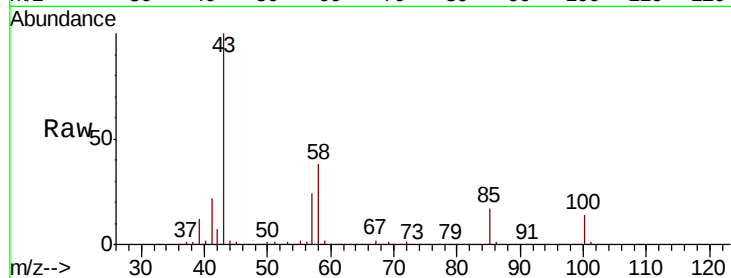
CMT-22-6-SEP18MSD

Tot Ion: 43 Resp: 1429104

Ion Ratio Lower Upper

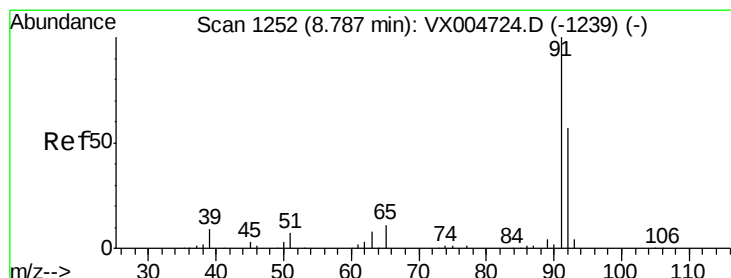
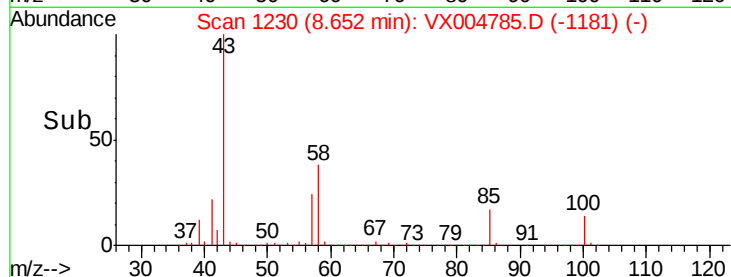
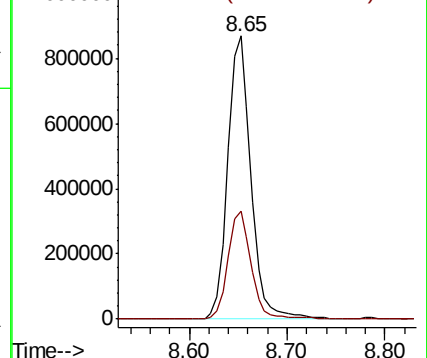
43 100

58 38.6 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: 53.033 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004785.D

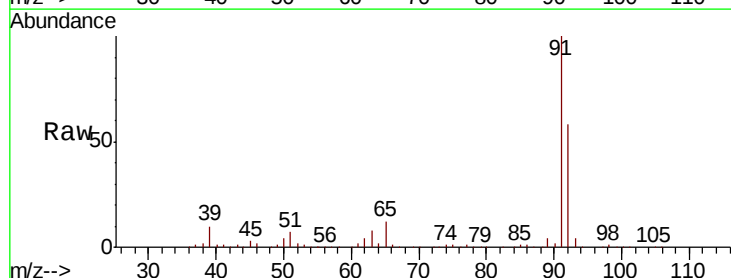
Acq: 27 Sep 2018 20:10

Tgt Ion: 92 Resp: 391802

Ion Ratio Lower Upper

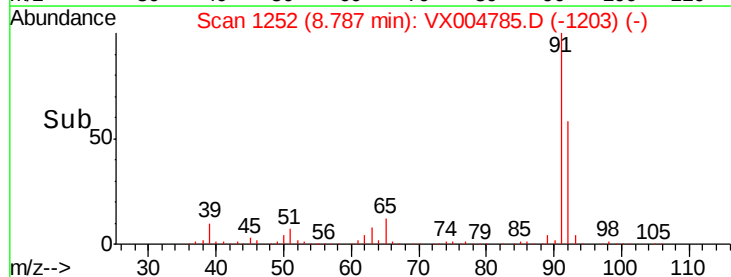
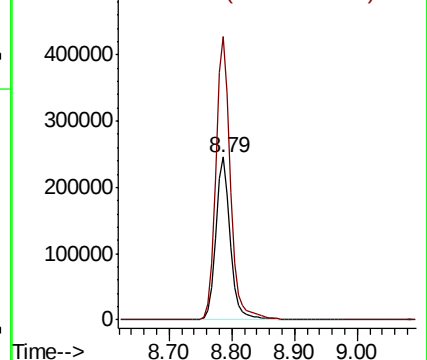
92 100

91 175.4 136.4 204.6



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: 53.079 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

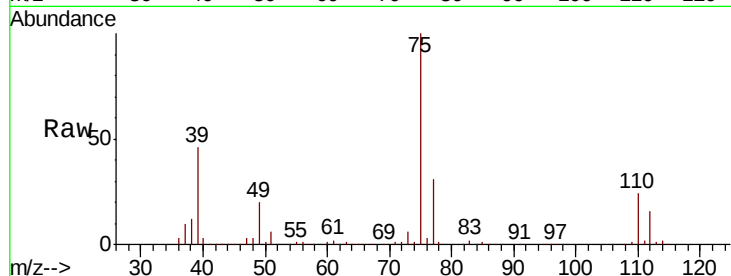
CMT-22-6-SEP18MSD

Tot Ion: 75 Resp: 232705

Ion Ratio Lower Upper

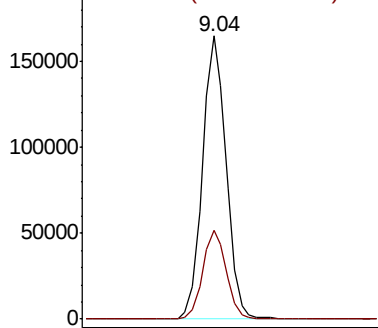
75 100

77 31.2 24.6 37.0

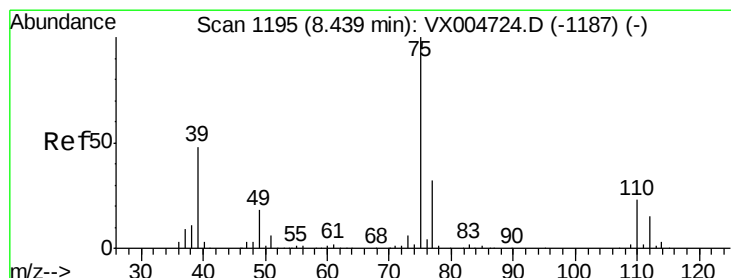
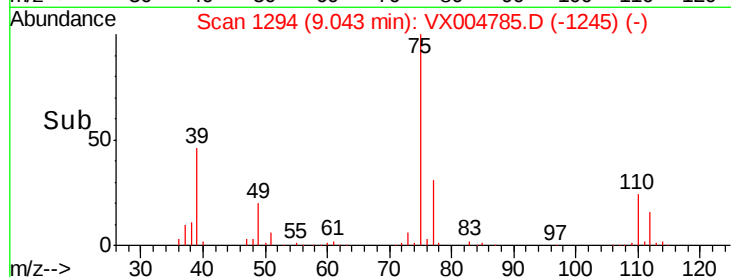


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



Time--> 8.95 9.00 9.05 9.10 9.15



#54

cis-1,3-Dichloropropene

Concen: 53.722 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

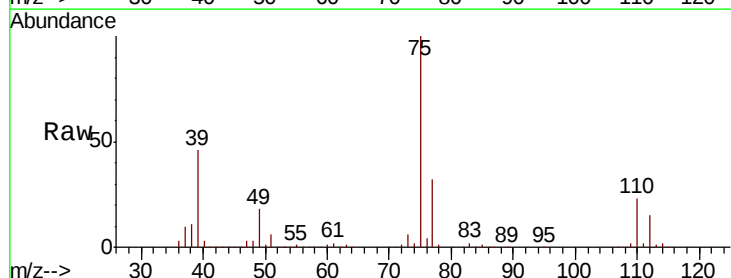
Tgt Ion: 75 Resp: 246691

Ion Ratio Lower Upper

75 100

77 31.6 26.2 39.2

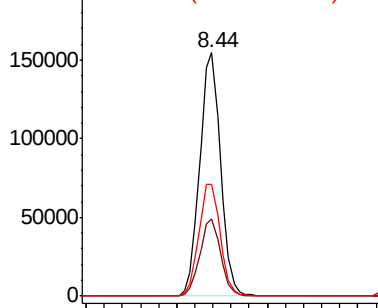
39 46.0 36.4 54.6



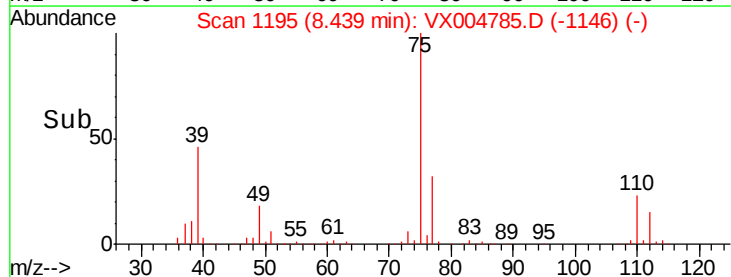
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



Time--> 8.30 8.40 8.50 8.60

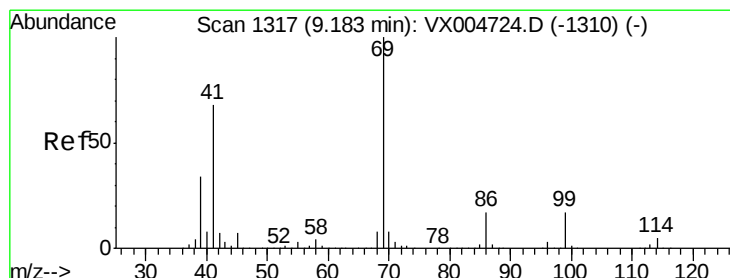
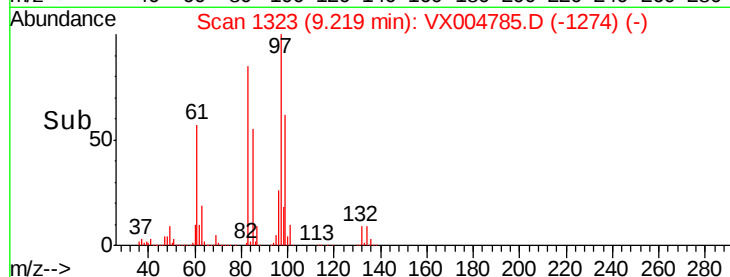
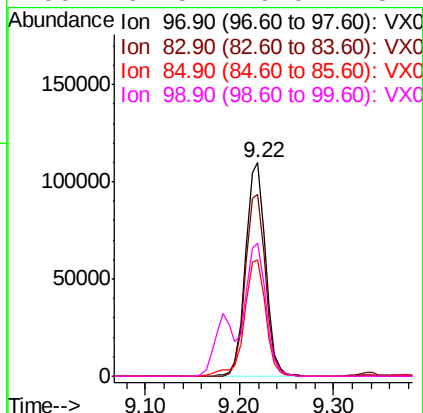
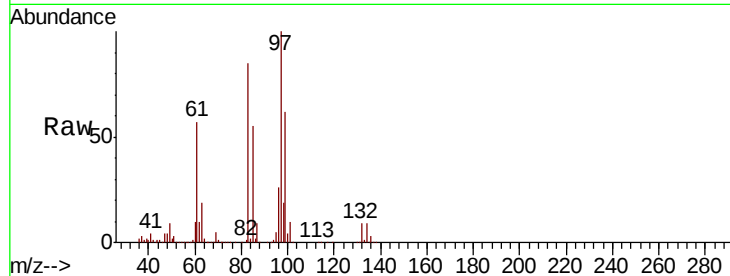




#55
 1,1,2-Trichloroethane
 Concen: 50.354 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004785.D
 Acq: 27 Sep 2018 20:10

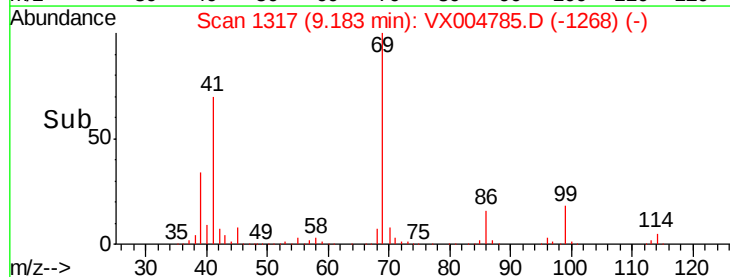
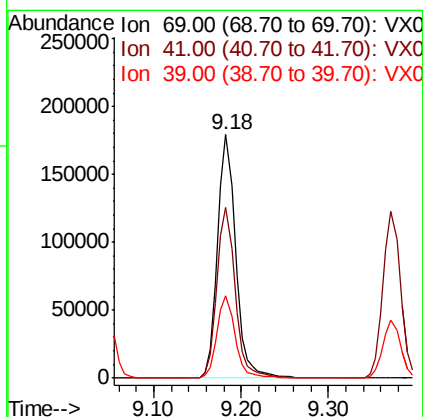
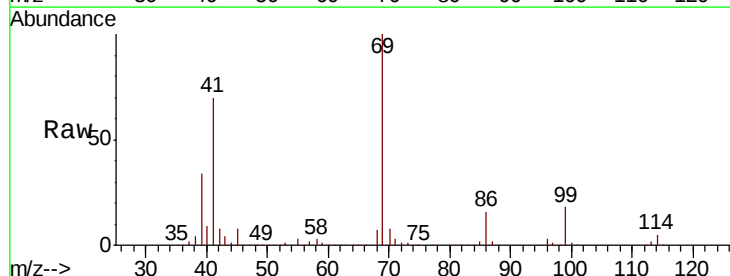
Instrument :
 MSVOA_X
 ClientSampleId :
 CMT-22-6-SEP18MSD

Tot Ion:	97	Resp:	162954
Ion	Ratio	Lower	Upper
97	100		
83	85.3	66.4	99.6
85	54.6	43.3	64.9
99	62.5	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 49.184 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX004785.D
 Acq: 27 Sep 2018 20:10

Tgt Ion:	69	Resp:	258025
Ion	Ratio	Lower	Upper
69	100		
41	70.8	51.0	76.4
39	33.8	26.1	39.1





#57

1,3-Dichloropropane

Concen: 51.134 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

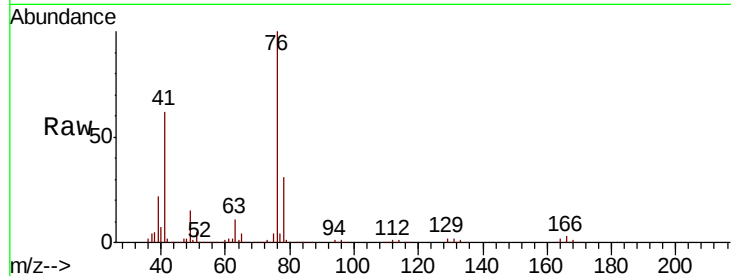
CMT-22-6-SEP18MSD

Tot Ion: 76 Resp: 275411

Ion Ratio Lower Upper

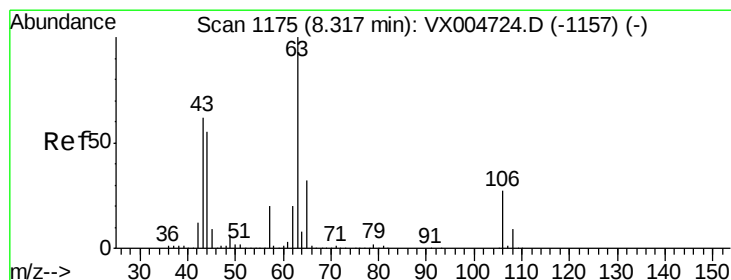
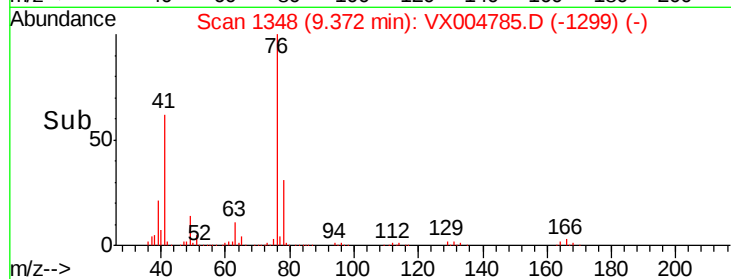
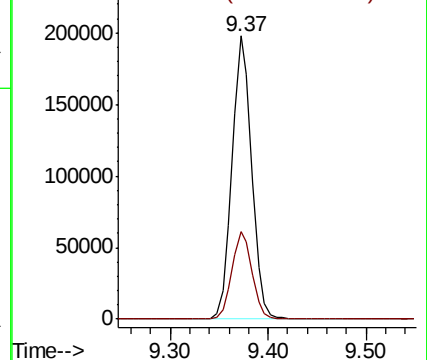
76 100

78 31.5 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: 14.924 ug/l

RT: 8.28 min Scan# 1169

Delta R.T. -0.04 min

Lab File: VX004785.D

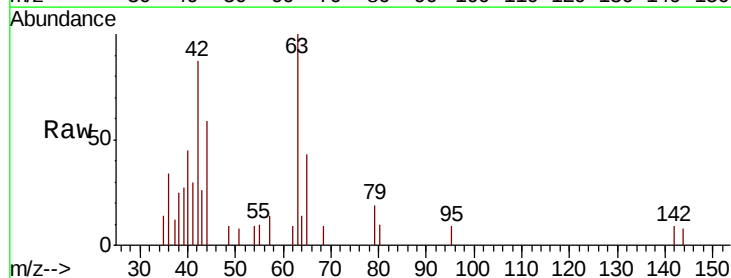
Acq: 27 Sep 2018 20:10

Tgt Ion: 63 Resp: 2017

Ion Ratio Lower Upper

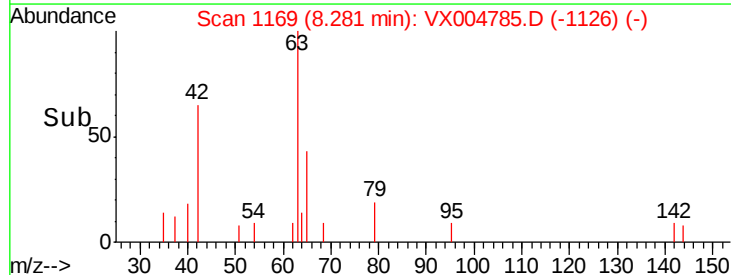
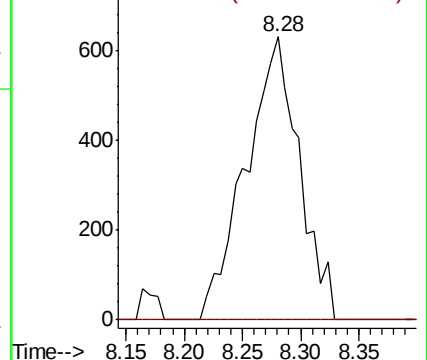
63 100

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

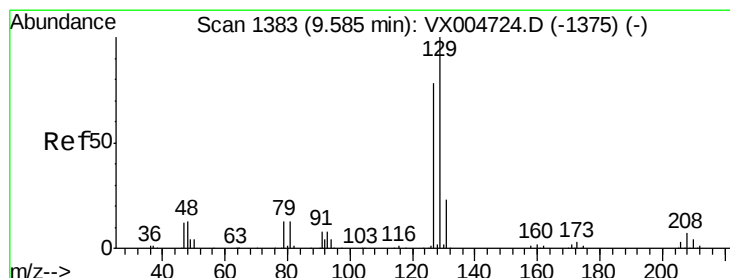
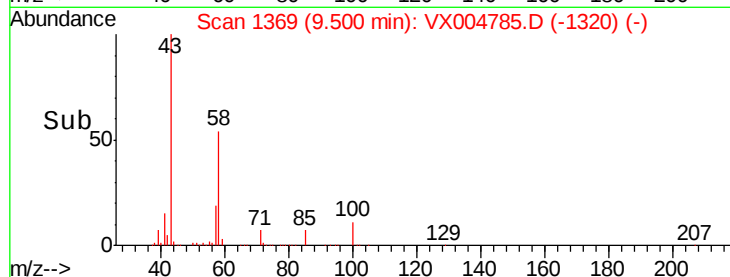
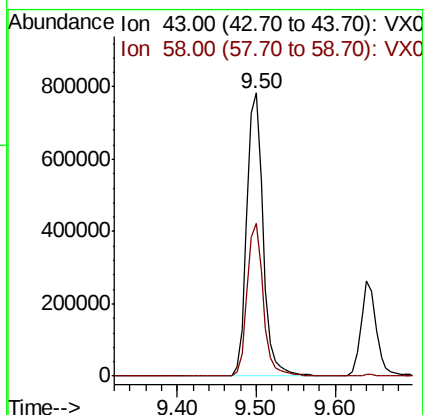
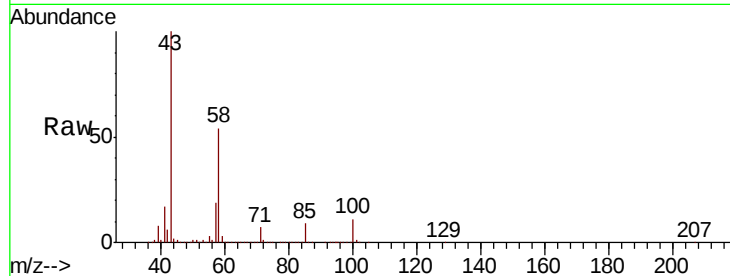




#59
2-Hexanone
Concen: 261.154 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

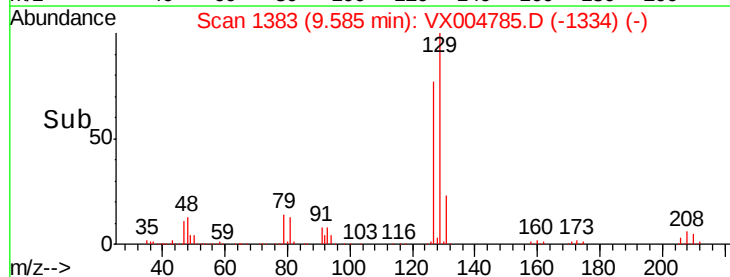
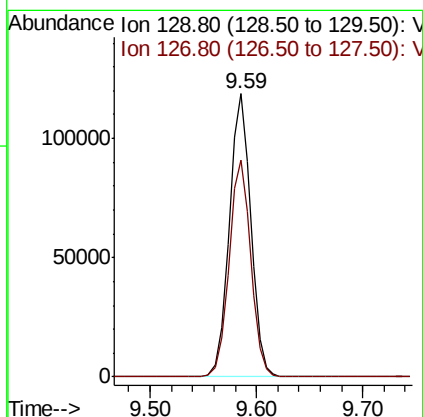
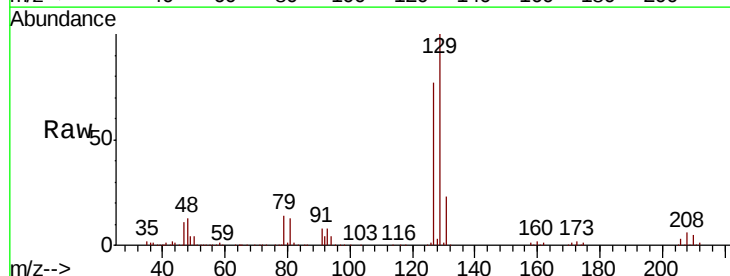
Instrument :
MSVOA_X
ClientSampleId :
CMT-22-6-SEP18MSD

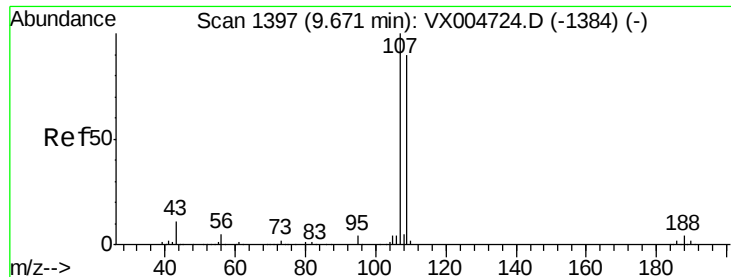
Tot Ion: 43 Resp: 1127468
Ion Ratio Lower Upper
43 100
58 53.1 29.0 87.0



#60
Dibromochloromethane
Concen: 52.018 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

Tgt Ion:129 Resp: 168350
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 48.709 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

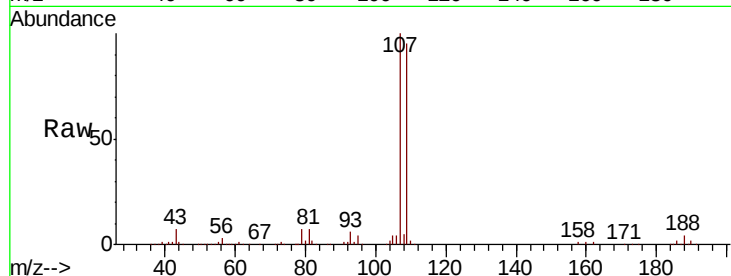
CMT-22-6-SEP18MSD

Tot Ion:107 Resp: 168815

Ion Ratio Lower Upper

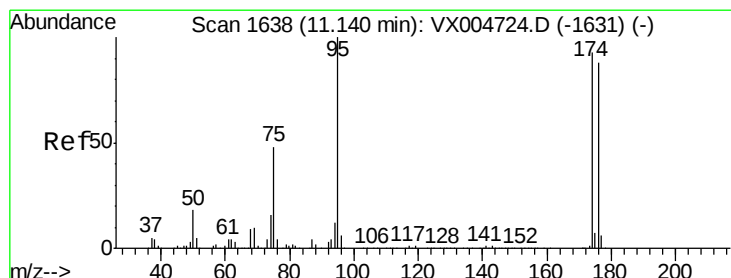
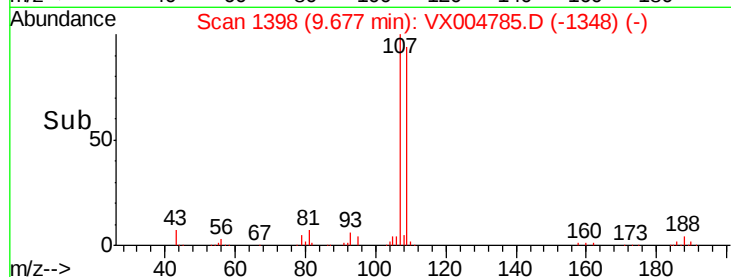
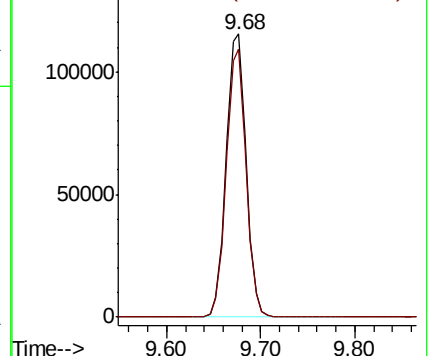
107 100

109 93.9 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.116 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

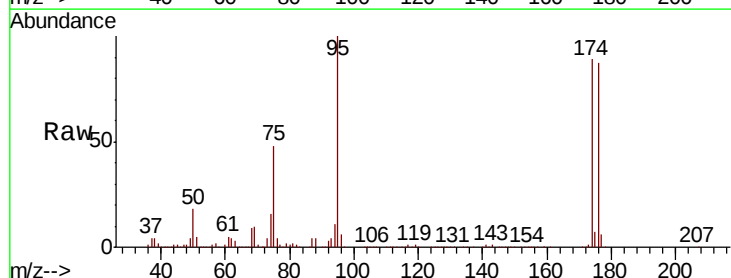
Tgt Ion: 95 Resp: 196471

Ion Ratio Lower Upper

95 100

174 90.6 0.0 185.2

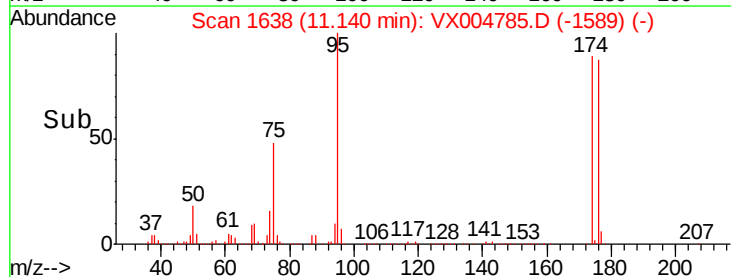
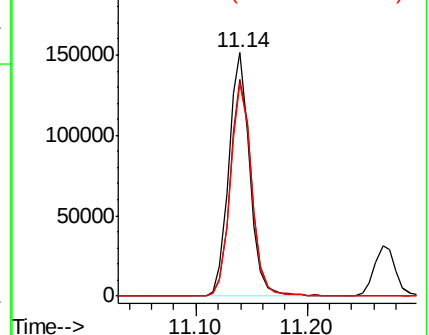
176 88.5 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

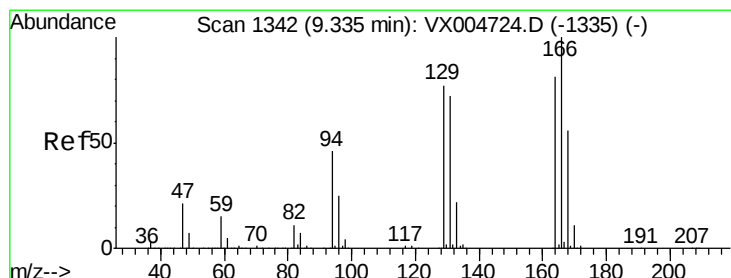
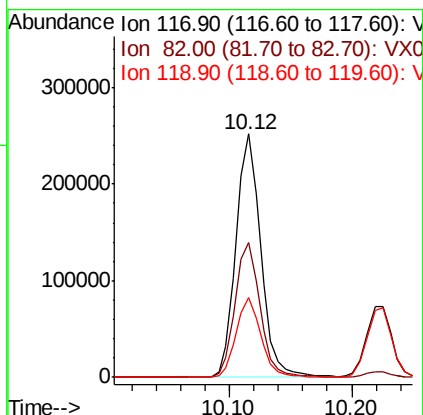
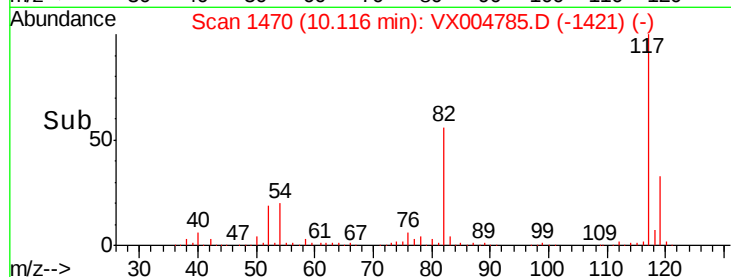
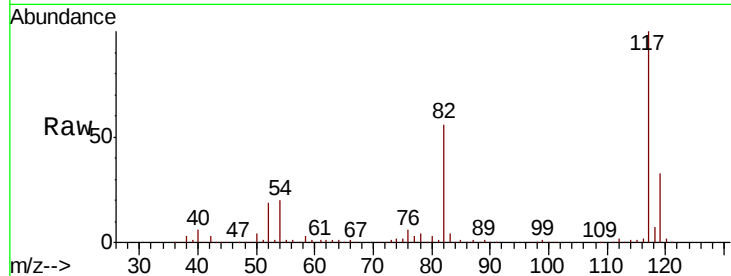




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

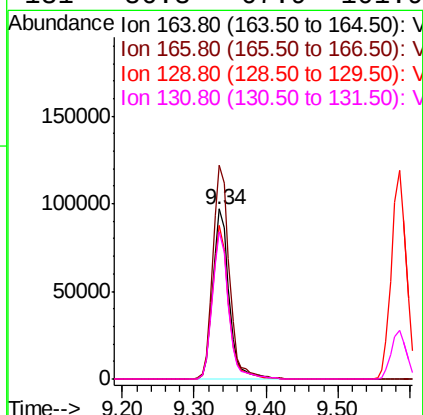
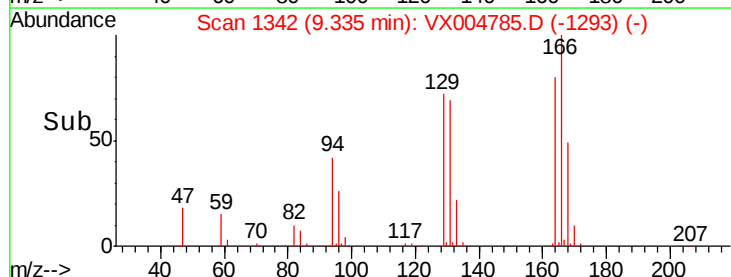
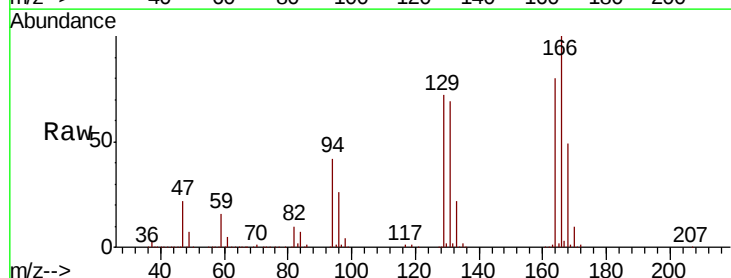
Instrument :
MSVOA_X
ClientSampleId :
CMT-22-6-SEP18MSD

Tot Ion:117 Resp: 354088
Ion Ratio Lower Upper
117 100
82 55.6 47.8 71.6
119 32.5 29.3 43.9



#64
Tetrachloroethene
Concen: 43.271 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

Tgt Ion:164 Resp: 150798
Ion Ratio Lower Upper
164 100
166 125.8 102.8 154.2
129 90.1 69.4 104.0
131 86.3 67.9 101.9

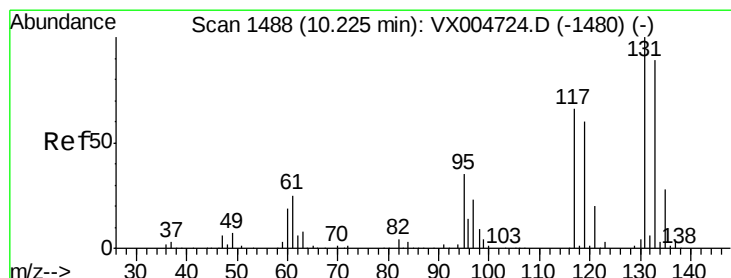
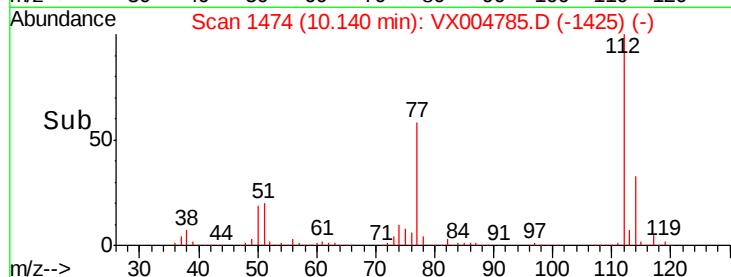
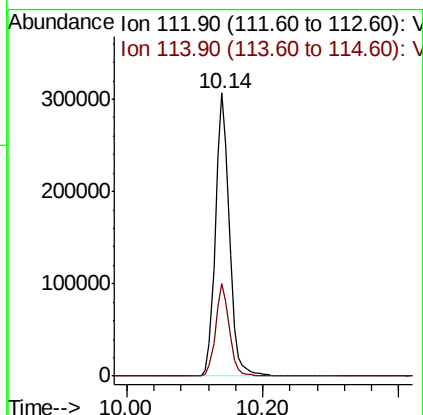
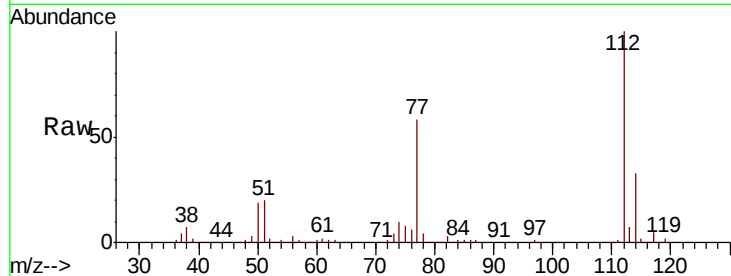




#65
Chlorobenzene
Concen: 48.146 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

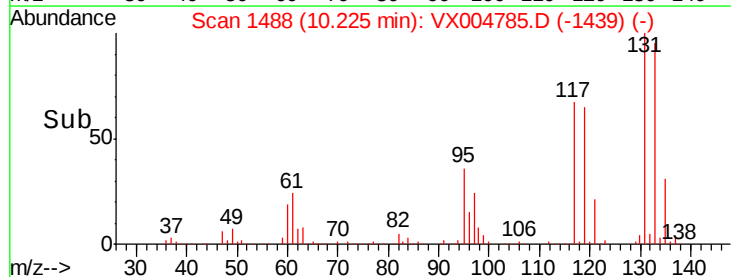
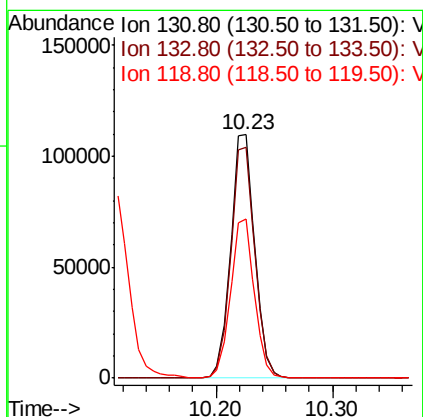
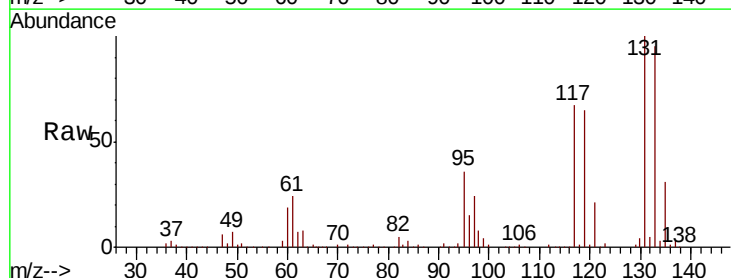
Instrument :
MSVOA_X
ClientSampleId :
CMT-22-6-SEP18MSD

Tot Ion:112 Resp: 437154
Ion Ratio Lower Upper
112 100
114 32.6 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.277 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

Tgt Ion:131 Resp: 157297
Ion Ratio Lower Upper
131 100
133 95.2 48.1 144.4
119 64.6 32.9 98.6

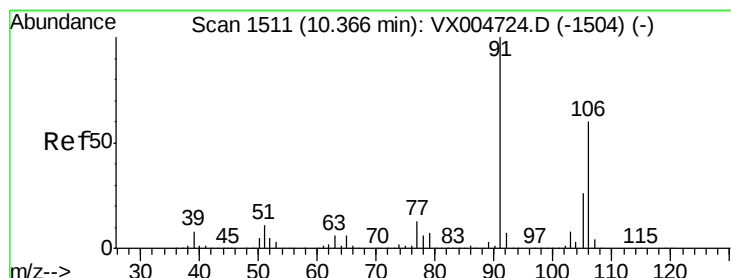
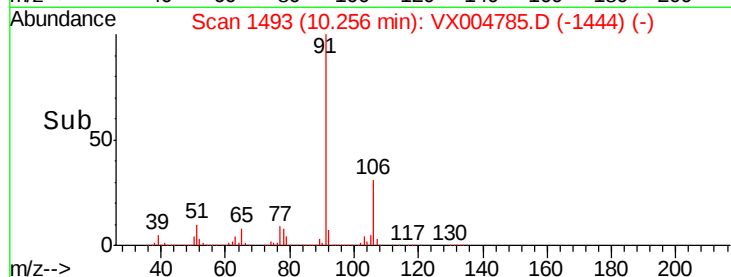
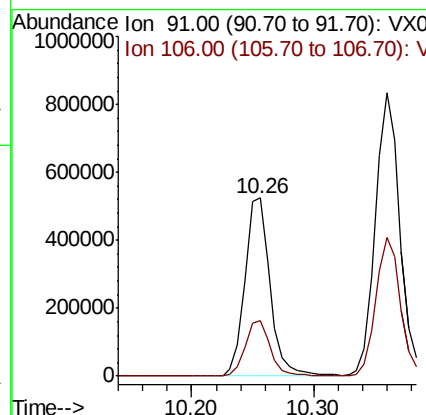
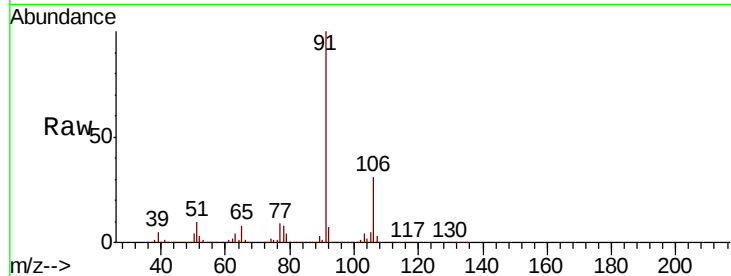




#67
Ethyl Benzene
Concen: 51.962 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

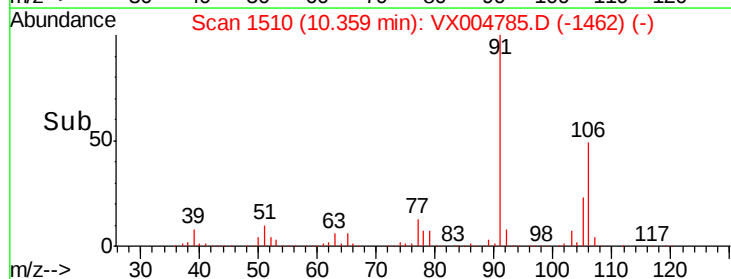
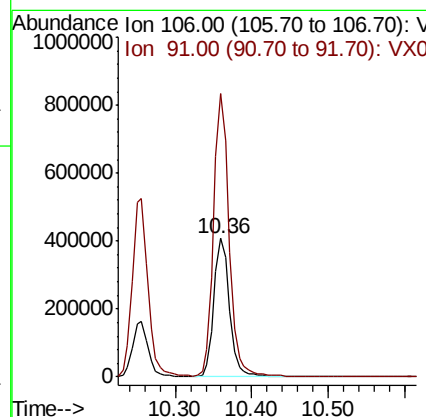
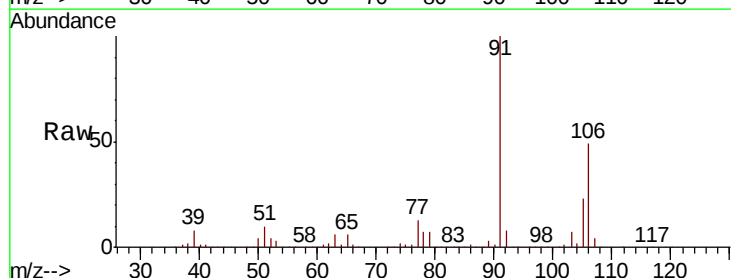
Instrument :
MSVOA_X
ClientSampleId :
CMT-22-6-SEP18MSD

Tot Ion: 91 Resp: 749046
Ion Ratio Lower Upper
91 100
106 31.5 25.9 38.9



#68
m/p-Xylenes
Concen: 104.030 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

Tgt Ion: 106 Resp: 586013
Ion Ratio Lower Upper
106 100
91 203.2 157.1 235.7

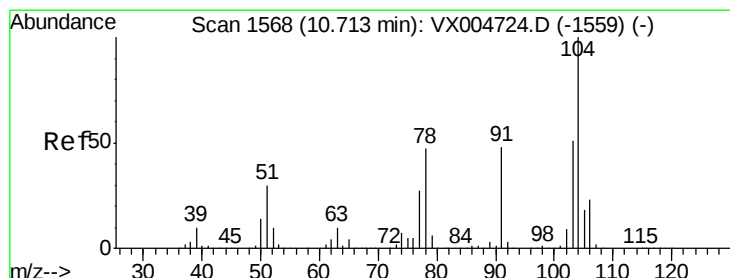
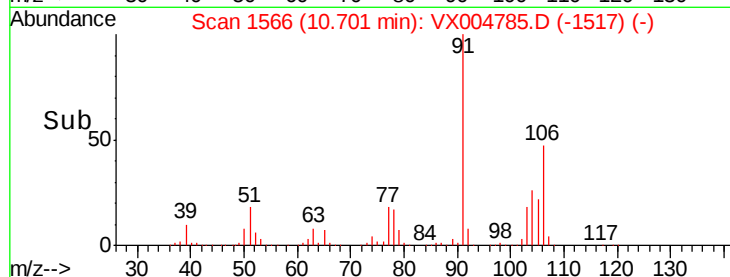
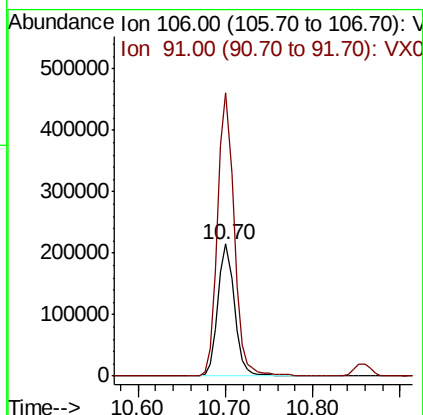
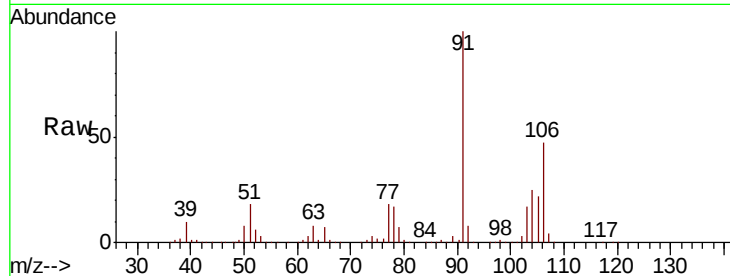




#69
o-Xylene
Concen: 54.715 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

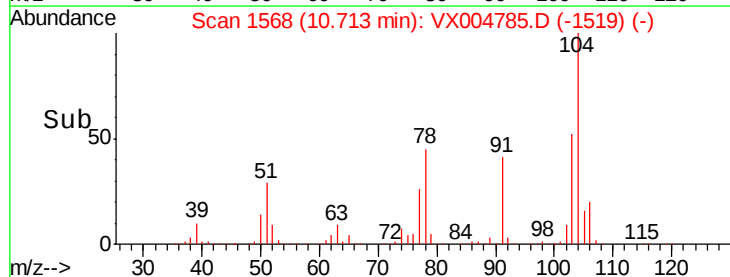
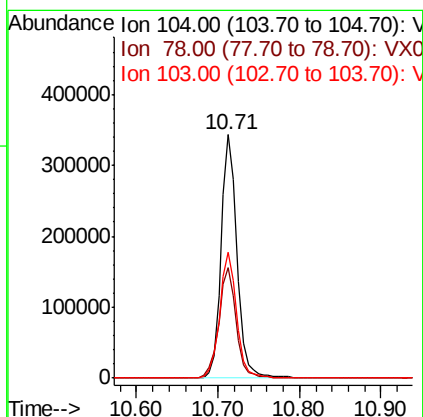
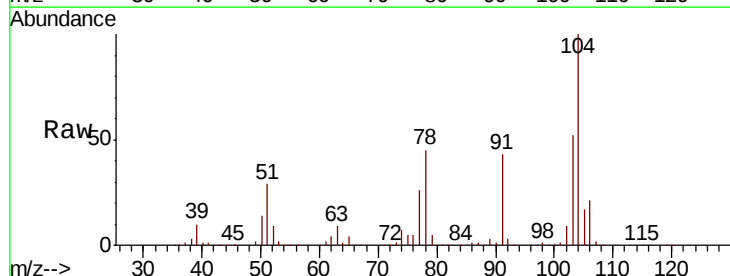
Instrument :
MSVOA_X
ClientSampleId :
CMT-22-6-SEP18MSD

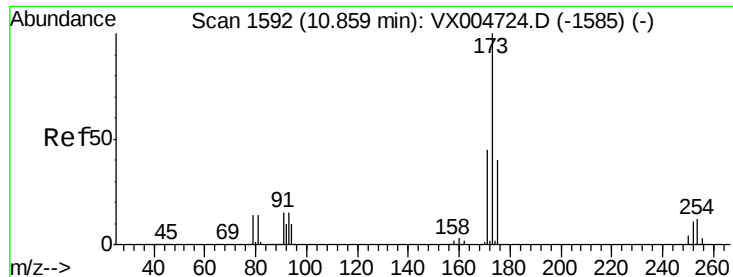
Tot Ion:106 Resp: 283092
Ion Ratio Lower Upper
106 100
91 213.6 105.1 315.1



#70
Styrene
Concen: 48.565 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

Tgt Ion:104 Resp: 469342
Ion Ratio Lower Upper
104 100
78 49.8 37.4 56.0
103 55.4 43.8 65.6





#71

Bromoform

Concen: 49.847 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

CMT-22-6-SEP18MSD

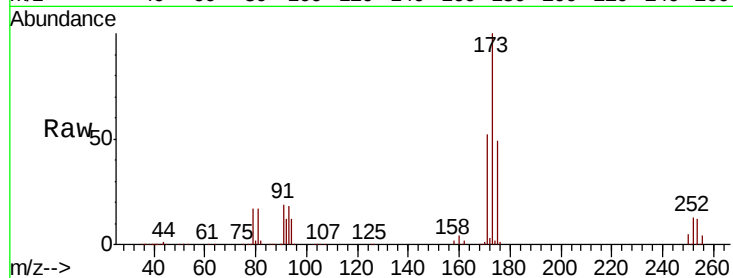
Tot Ion:173 Resp: 136222

Ion Ratio Lower Upper

173 100

175 48.7 24.1 72.3

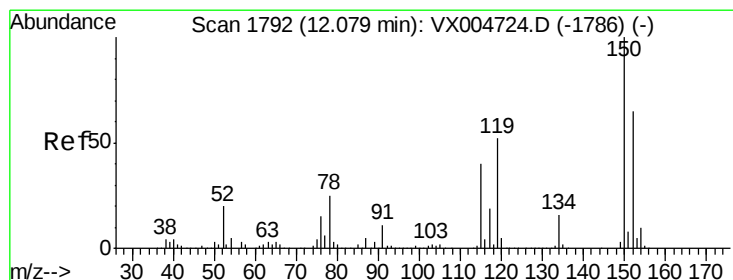
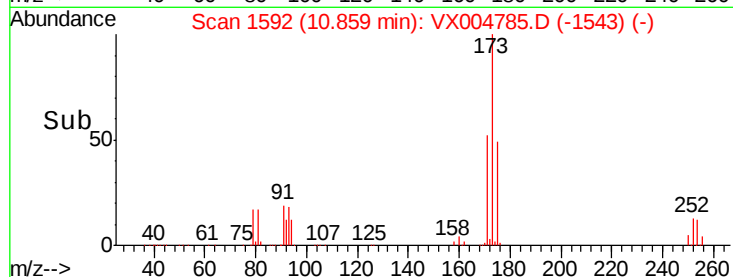
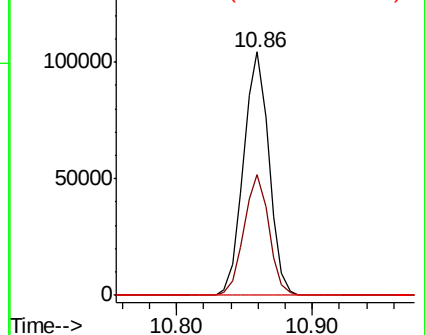
254 0.2 0.2 0.2



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: VX004785.D

Acq: 27 Sep 2018 20:10

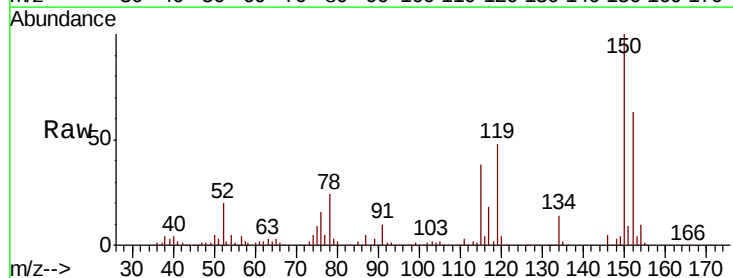
Tgt Ion:152 Resp: 216171

Ion Ratio Lower Upper

152 100

115 78.6 39.0 117.0

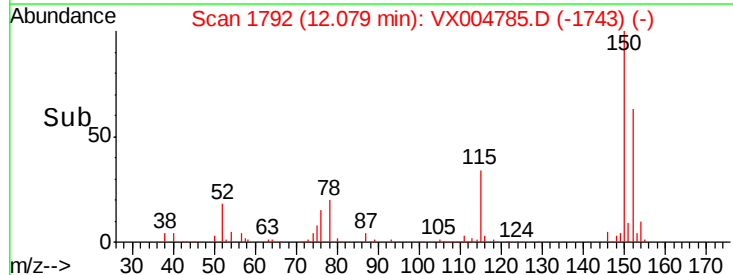
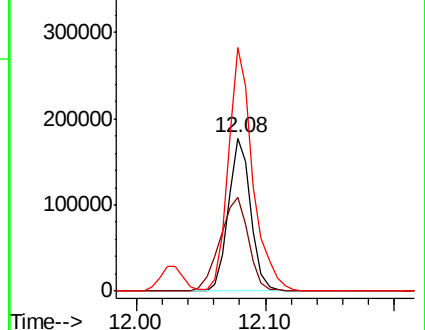
150 173.7 0.0 351.0



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: 54.874 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

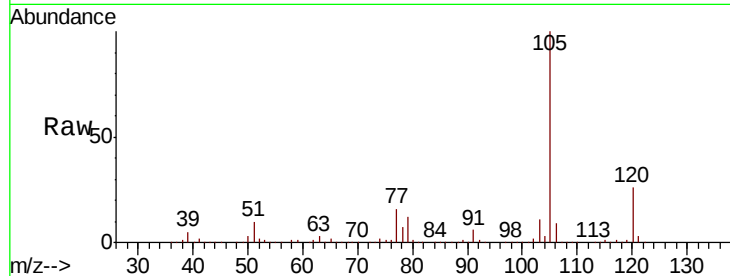
CMT-22-6-SEP18MSD

Tot Ion:105 Resp: 747692

Ion Ratio Lower Upper

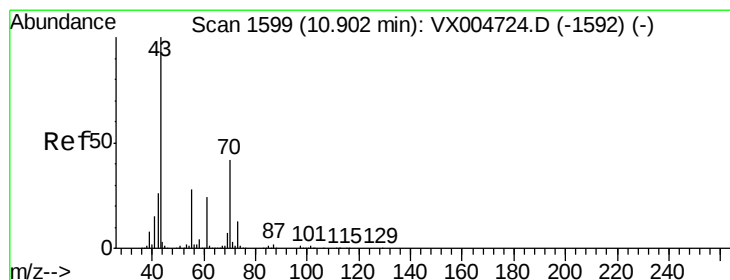
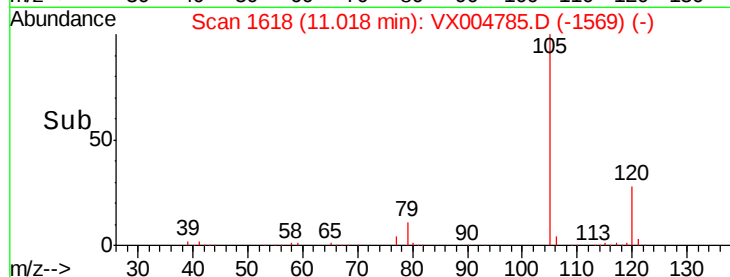
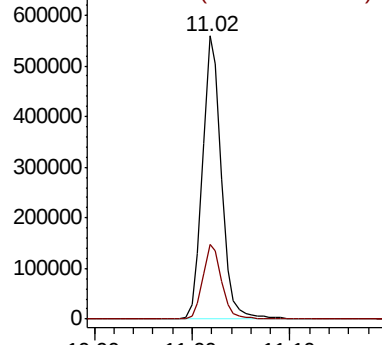
105 100

120 26.5 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: 47.517 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Tgt Ion: 43 Resp: 355191

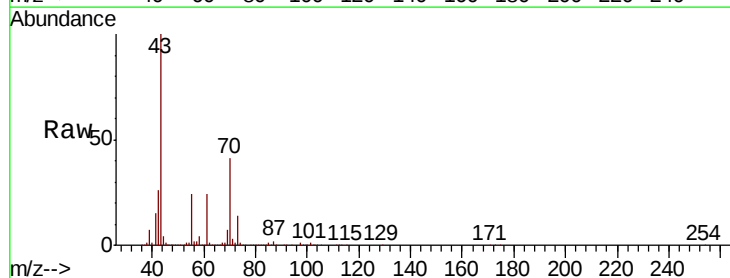
Ion Ratio Lower Upper

43 100

70 40.3 37.4 56.0

55 24.7 21.8 32.8

61 23.7 20.6 30.8

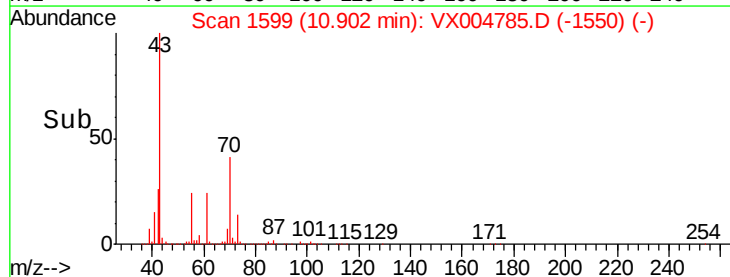
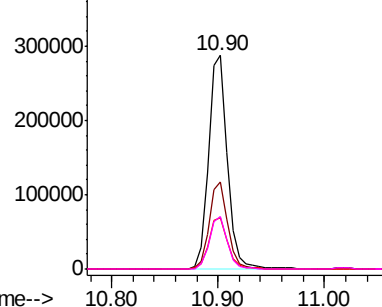


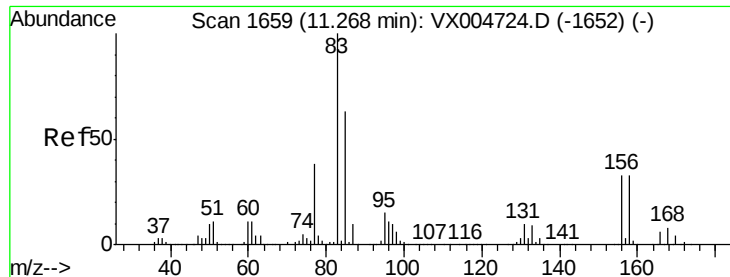
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 48.702 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

CMT-22-6-SEP18MSD

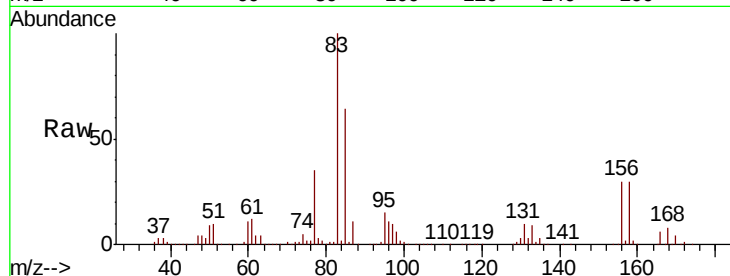
Tot Ion: 83 Resp: 270124

Ion Ratio Lower Upper

83 100

131 10.2 5.2 15.6

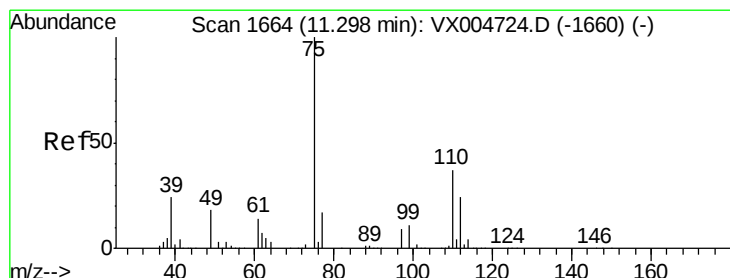
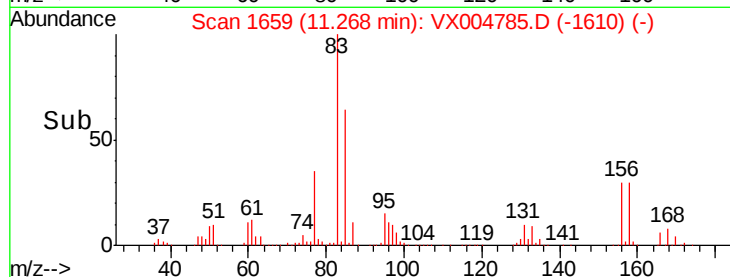
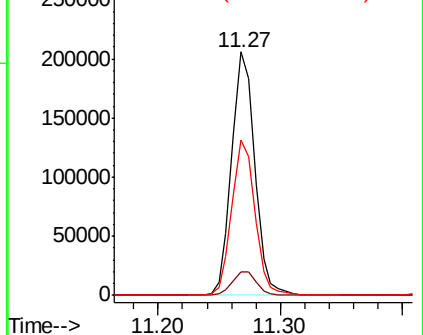
85 64.0 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 62.328 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX004785.D

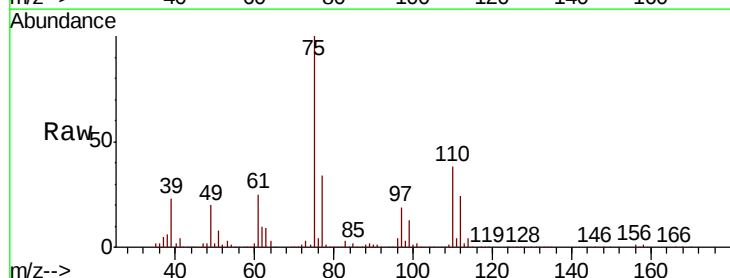
Acq: 27 Sep 2018 20:10

Tgt Ion: 75 Resp: 301988

Ion Ratio Lower Upper

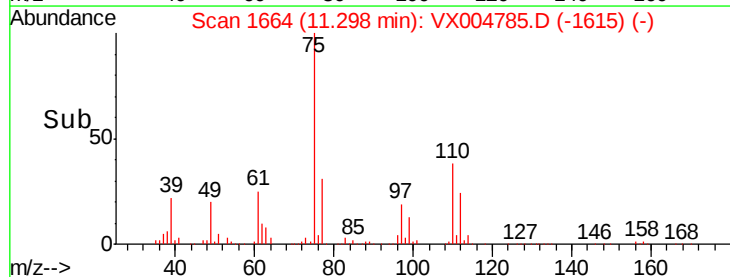
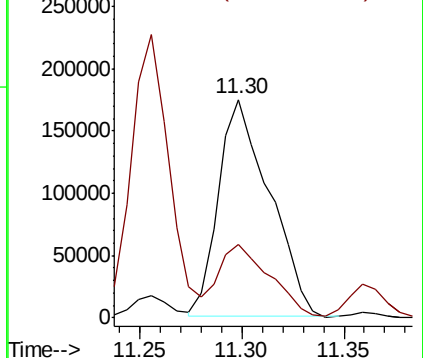
75 100

77 34.0 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.601 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

CMT-22-6-SEP18MSD

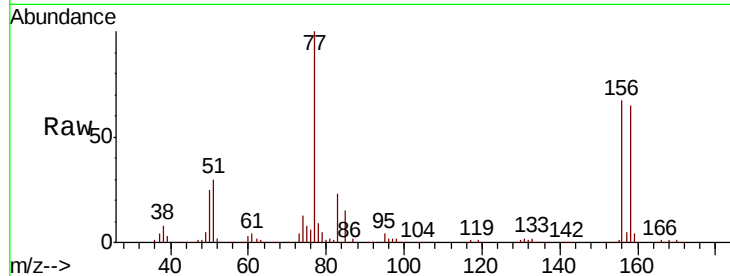
Tot Ion:156 Resp: 200259

Ion Ratio Lower Upper

156 100

77 147.7 71.5 214.3

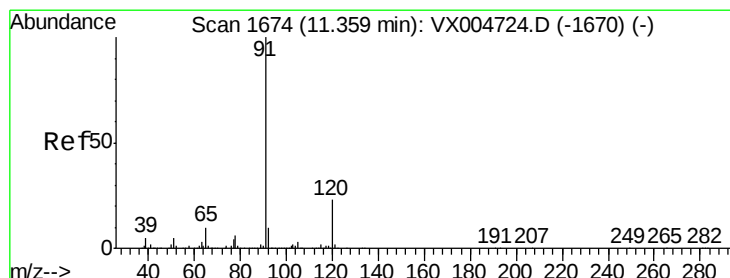
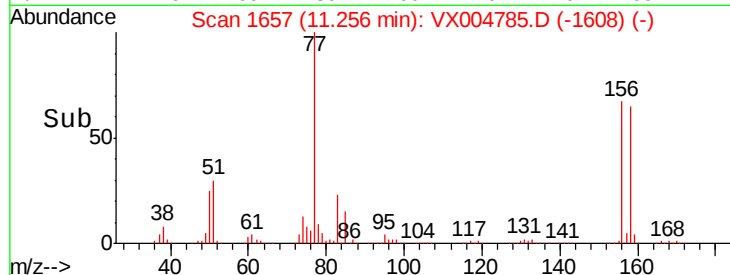
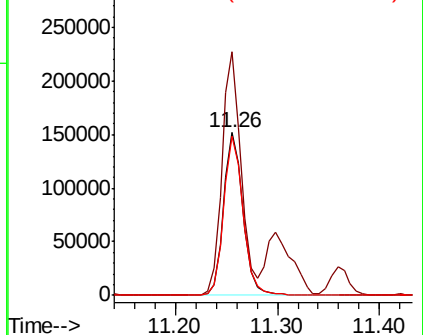
158 97.9 48.9 146.8



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: 54.728 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004785.D

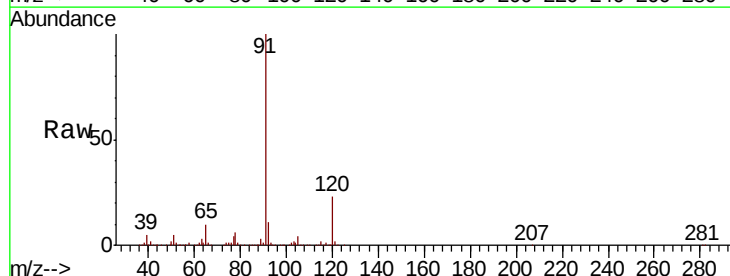
Acq: 27 Sep 2018 20:10

Tgt Ion: 91 Resp: 855600

Ion Ratio Lower Upper

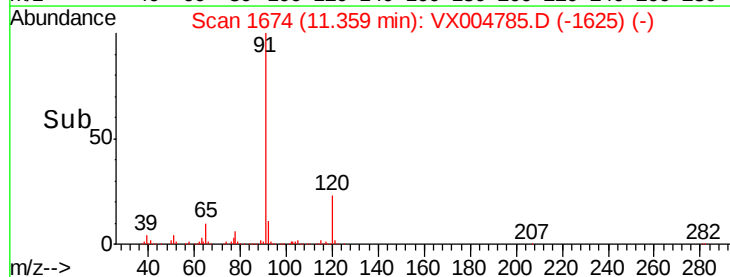
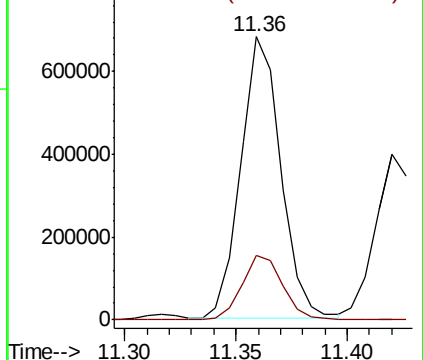
91 100

120 23.8 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: 52.943 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

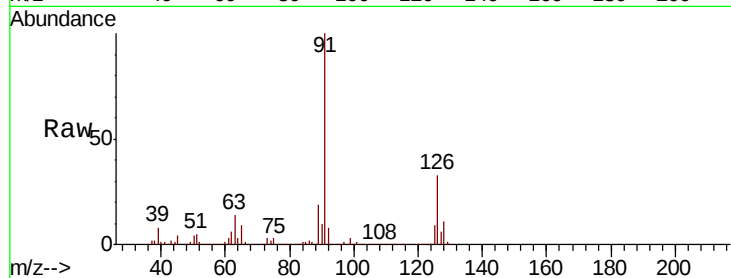
CMT-22-6-SEP18MSD

Tot Ion: 91 Resp: 515916

Ion Ratio Lower Upper

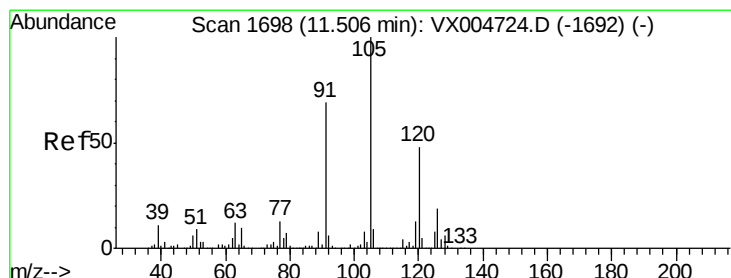
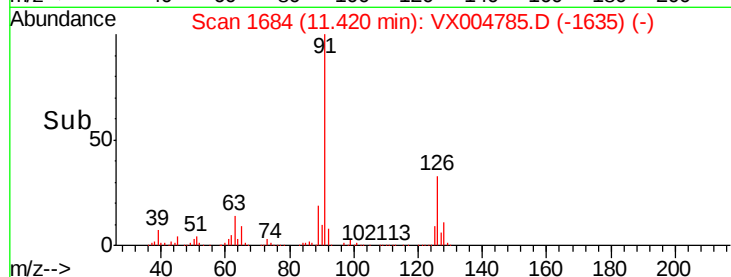
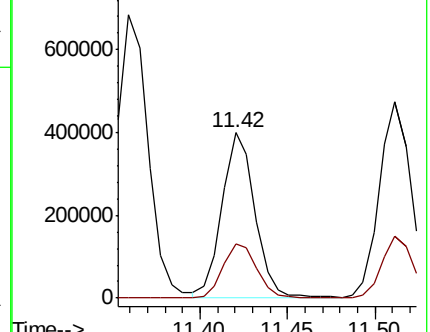
91 100

126 34.7 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VX004785.D (-1635) (-)

Ion 125.90 (125.60 to 126.60): VX004785.D (-1635) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.986 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004785.D

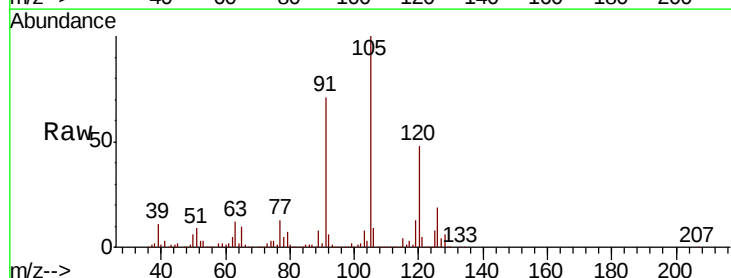
Acq: 27 Sep 2018 20:10

Tgt Ion: 105 Resp: 636681

Ion Ratio Lower Upper

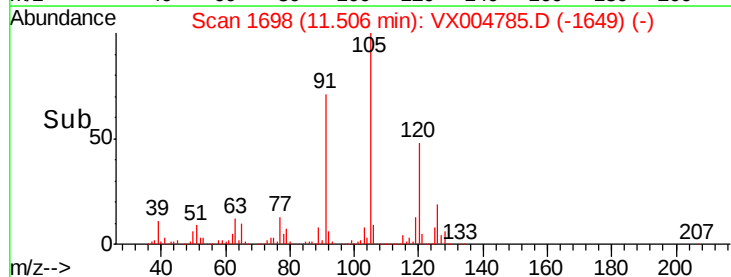
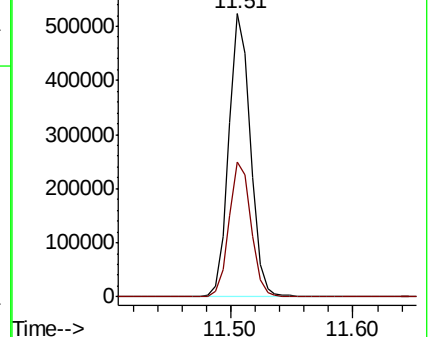
105 100

120 48.6 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): VX004785.D (-1649) (-)

Ion 120.00 (119.70 to 120.70): VX004785.D (-1649) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 43.140 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

CMT-22-6-SEP18MSD

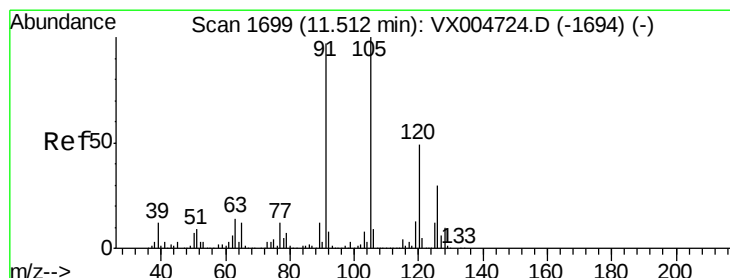
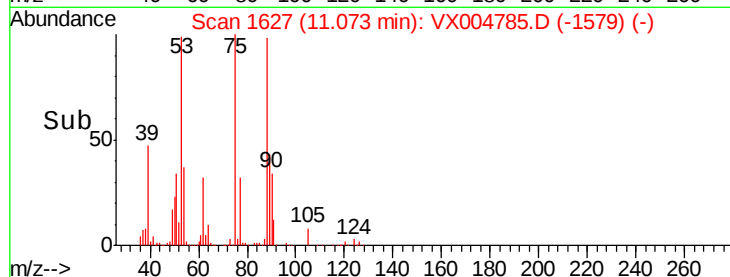
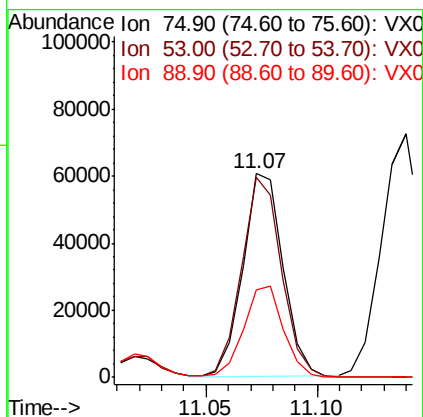
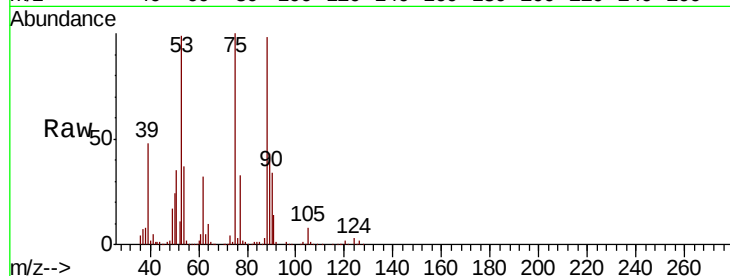
Tot Ion: 75 Resp: 76133

Ion Ratio Lower Upper

75 100

53 98.0 80.1 120.1

89 44.7 37.2 55.8



#82

4-Chlorotoluene

Concen: 53.090 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004785.D

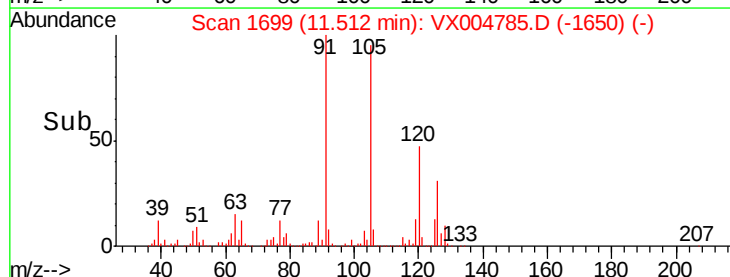
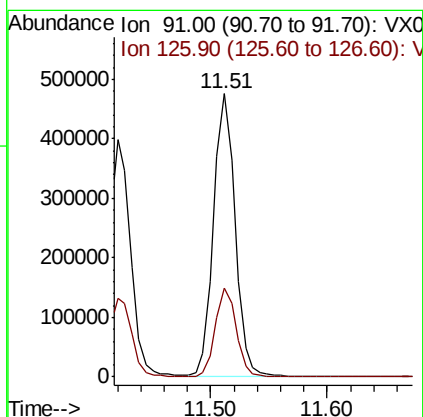
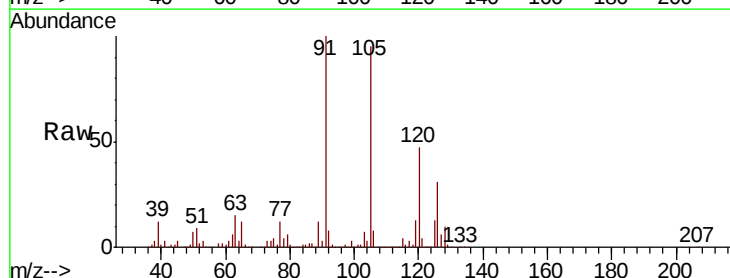
Acq: 27 Sep 2018 20:10

Tgt Ion: 91 Resp: 608947

Ion Ratio Lower Upper

91 100

126 30.6 15.5 46.5

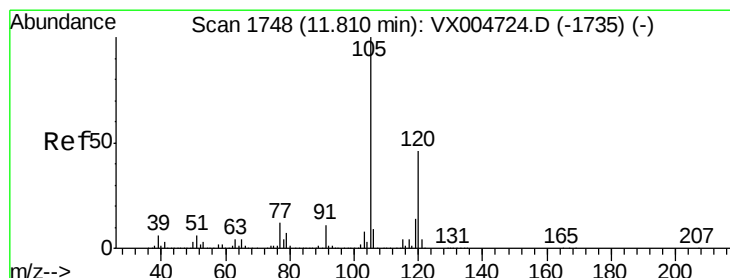
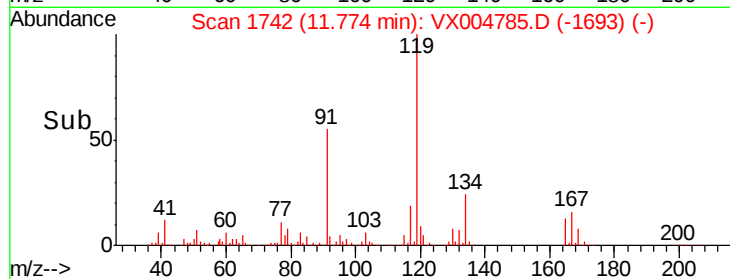
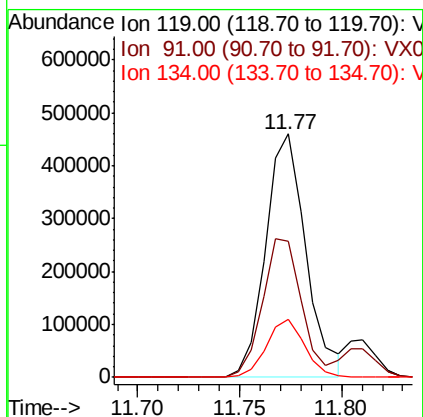
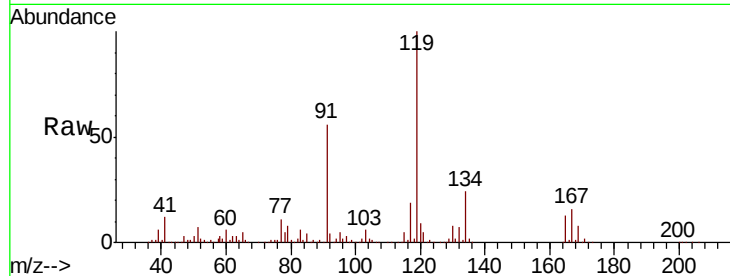




#83
 tert-Butylbenzene
 Concen: 56.236 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004785.D
 Acq: 27 Sep 2018 20:10

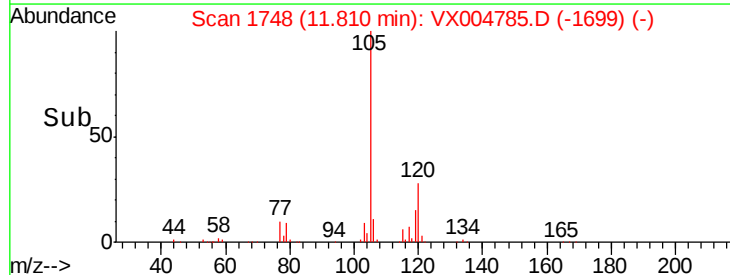
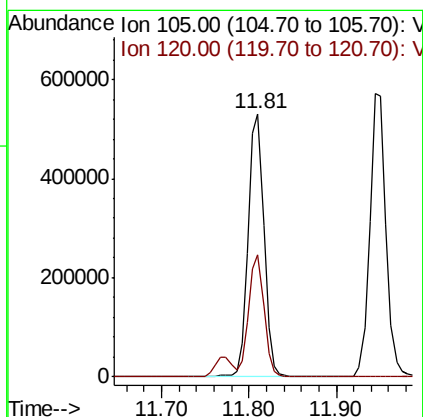
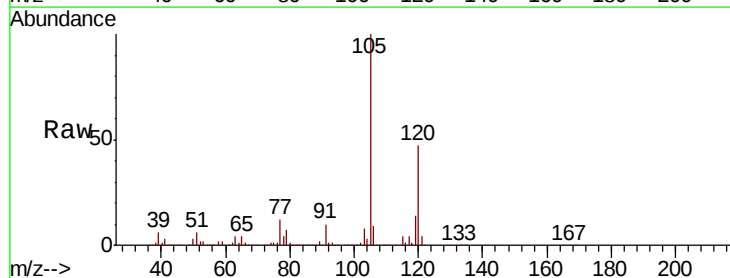
Instrument :
 MSVOA_X
 ClientSampleId :
 CMT-22-6-SEP18MSD

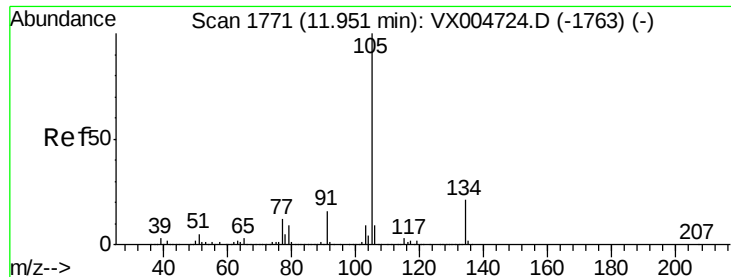
Tot Ion:119 Resp: 630869
 Ion Ratio Lower Upper
 119 100
 91 55.1 27.0 81.0
 134 22.7 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 51.166 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004785.D
 Acq: 27 Sep 2018 20:10

Tgt Ion:105 Resp: 658895
 Ion Ratio Lower Upper
 105 100
 120 45.1 23.2 69.6





#85

sec-Butylbenzene

Concen: 54.497 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

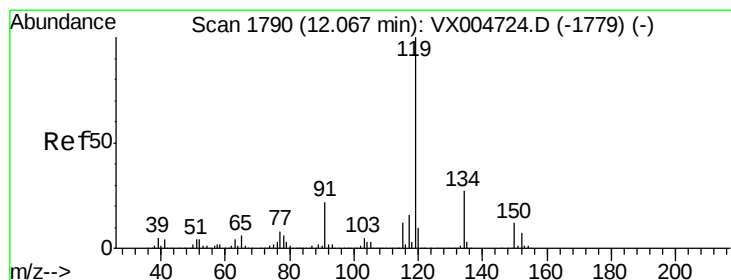
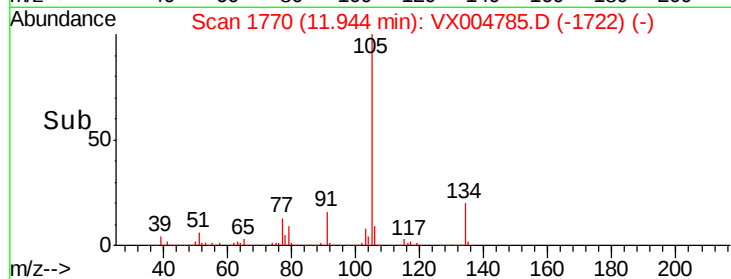
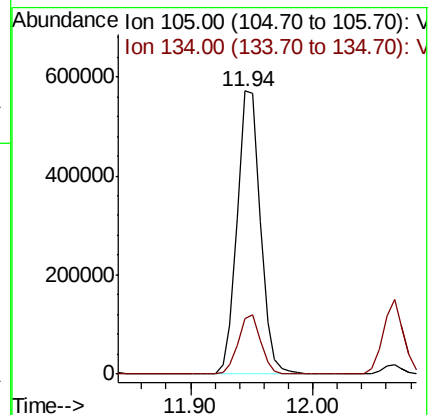
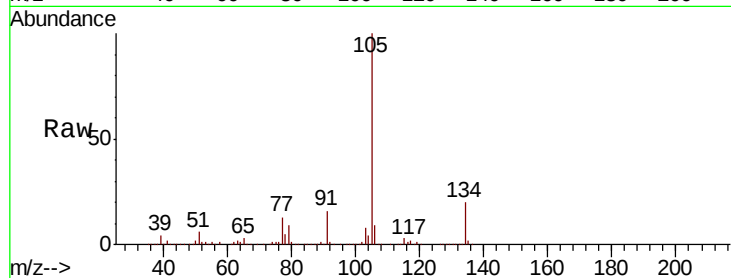
CMT-22-6-SEP18MSD

Tot Ion:105 Resp: 744659

Ion Ratio Lower Upper

105 100

134 20.3 10.5 31.5



#86

p-Isopropyltoluene

Concen: 54.373 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

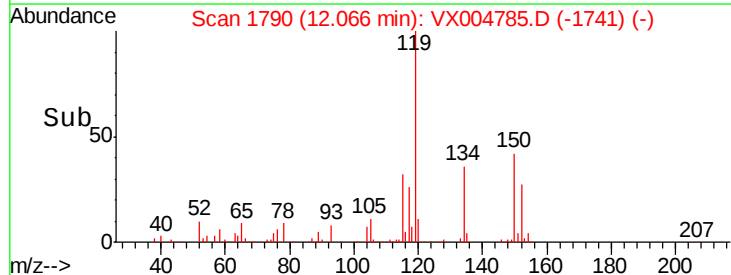
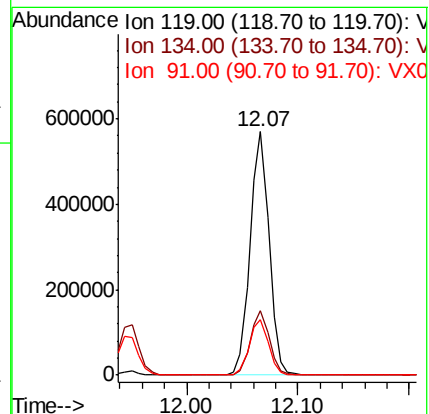
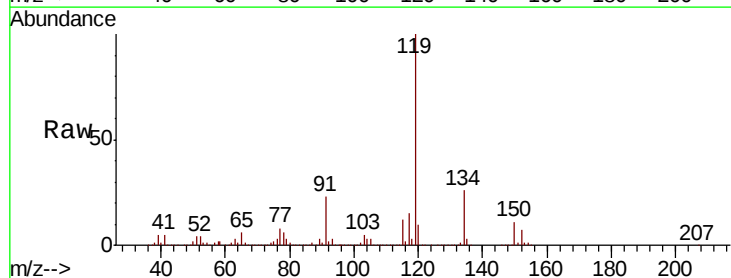
Tgt Ion:119 Resp: 673131

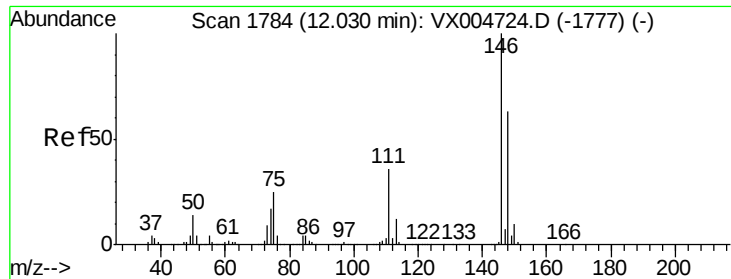
Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.2

91 23.1 10.9 32.7





#87

1,3-Dichlorobenzene

Concen: 49.573 ug/l

RT: 12.03 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

CMT-22-6-SEP18MSD

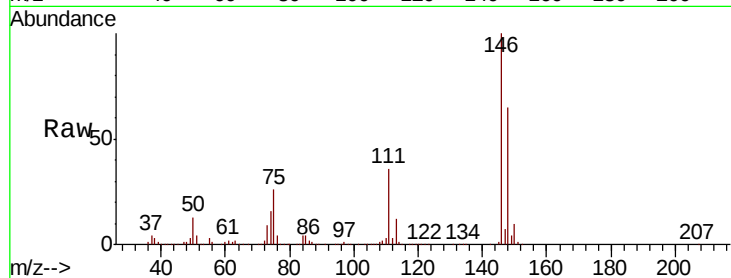
Tot Ion:146 Resp: 366350

Ion Ratio Lower Upper

146 100

111 37.6 18.7 56.1

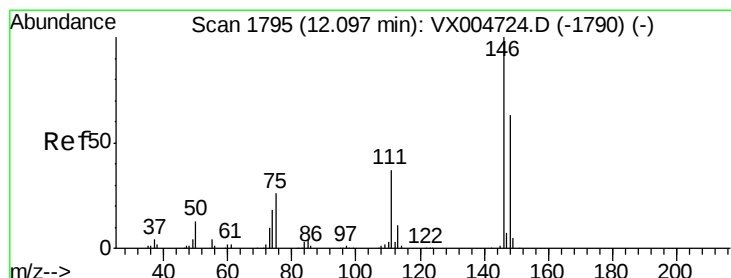
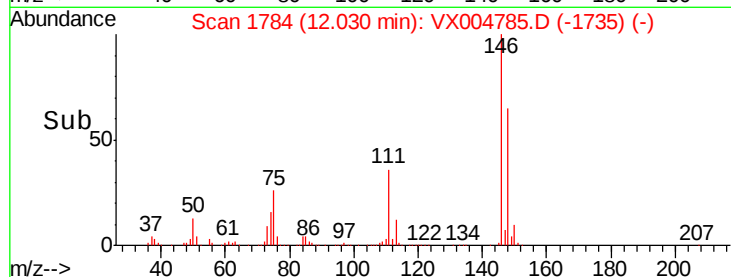
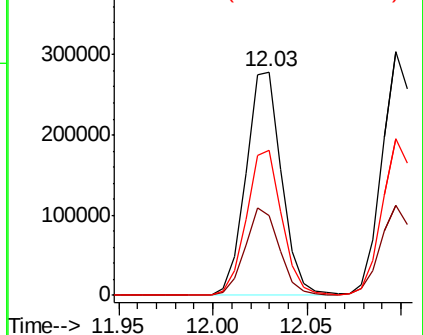
148 64.2 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.951 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

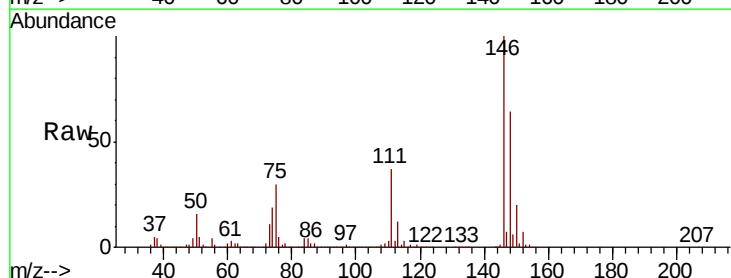
Tgt Ion:146 Resp: 373435

Ion Ratio Lower Upper

146 100

111 37.3 18.1 54.1

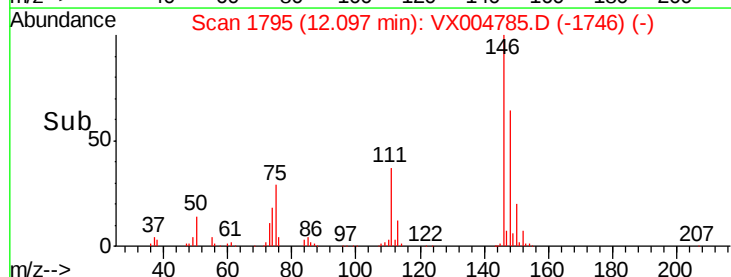
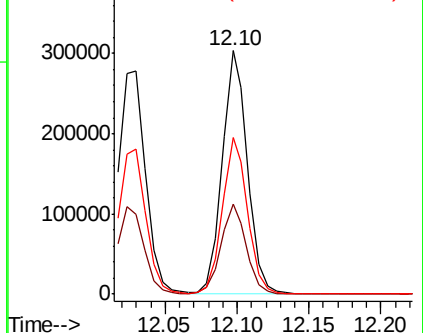
148 64.3 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

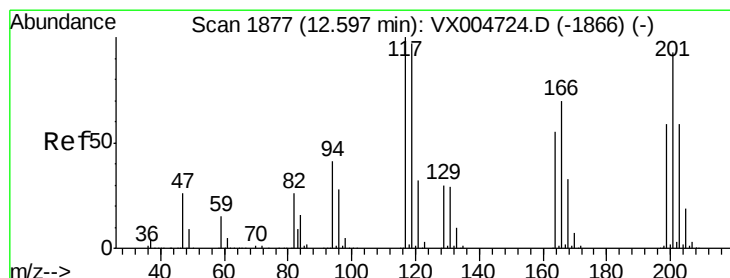
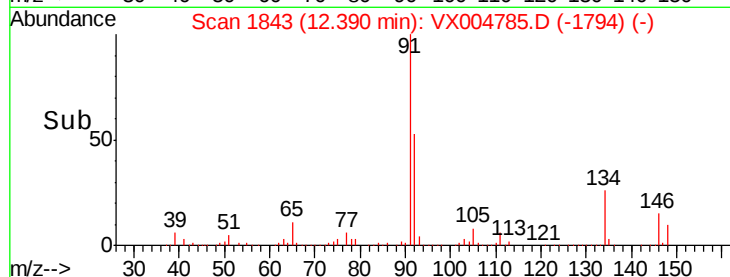
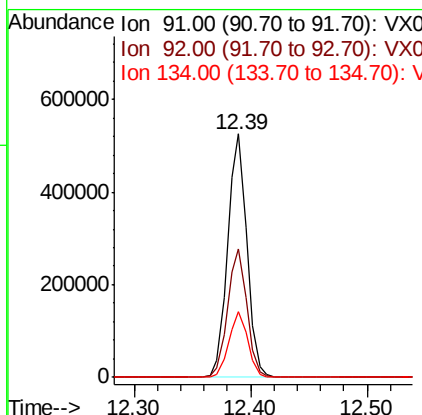
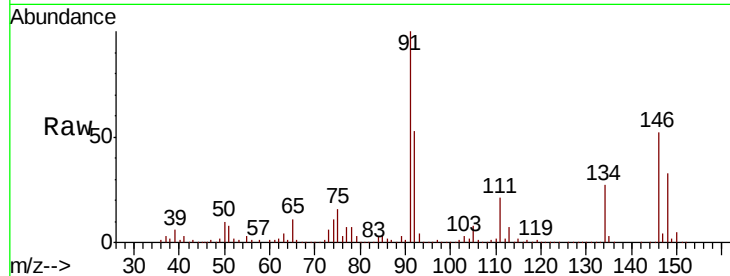




#89
n-Butylbenzene
Concen: 53.280 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

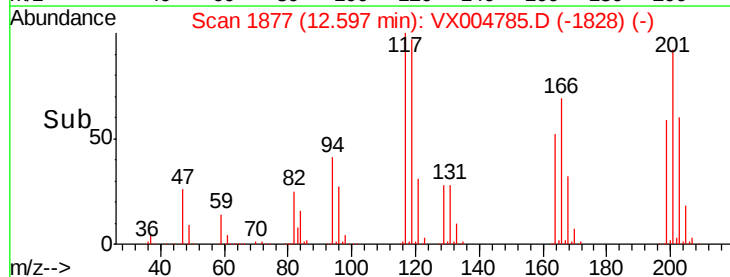
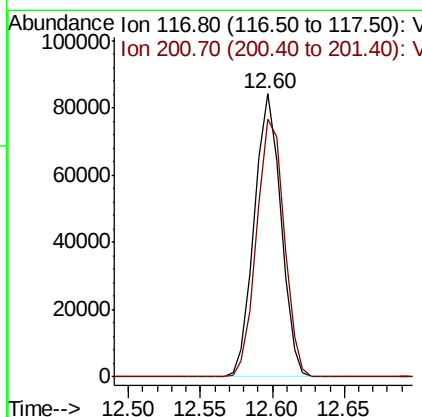
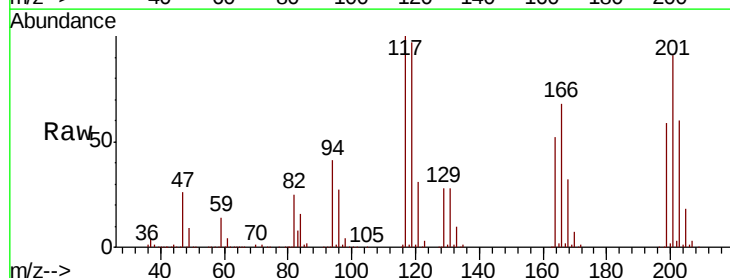
Instrument :
MSVOA_X
ClientSampleId :
CMT-22-6-SEP18MSD

Tot Ion: 91 Resp: 599050
Ion Ratio Lower Upper
91 100
92 52.9 27.3 81.9
134 26.5 13.6 40.7



#90
Hexachloroethane
Concen: 52.117 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

Tgt Ion: 117 Resp: 107426
Ion Ratio Lower Upper
117 100
201 94.2 46.9 140.6

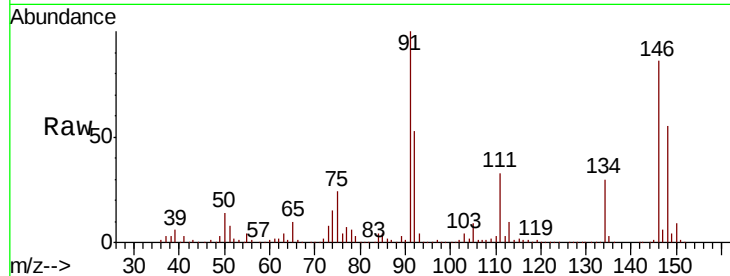




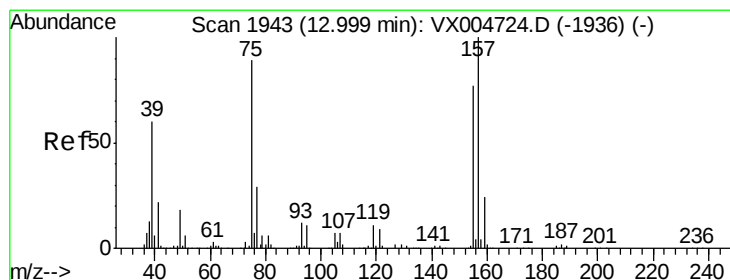
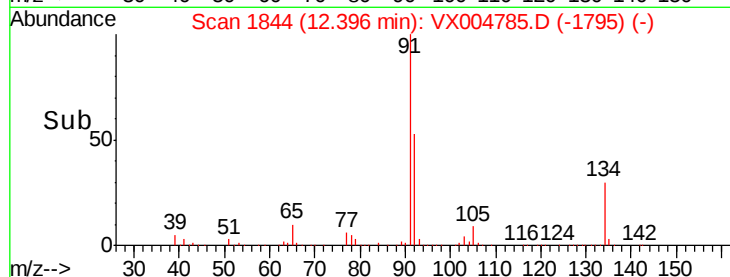
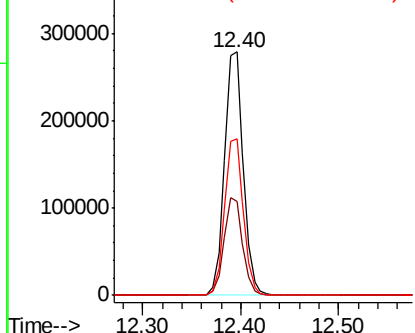
#91
 1,2-Dichlorobenzene
 Concen: 47.850 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: VX004785.D
 Acq: 27 Sep 2018 20:10

Instrument :
 MSVOA_X
 ClientSampleId :
 CMT-22-6-SEP18MSD

Tot Ion:146 Resp: 369540
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.4 58.1
 148 64.1 32.8 98.3

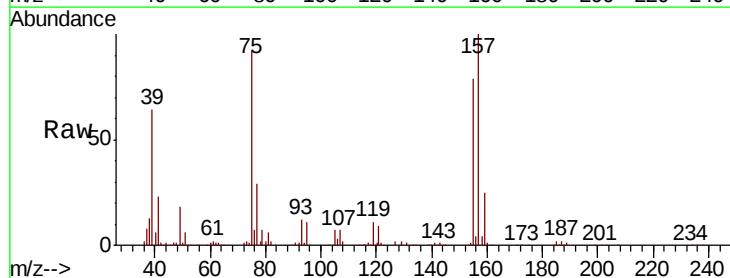


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

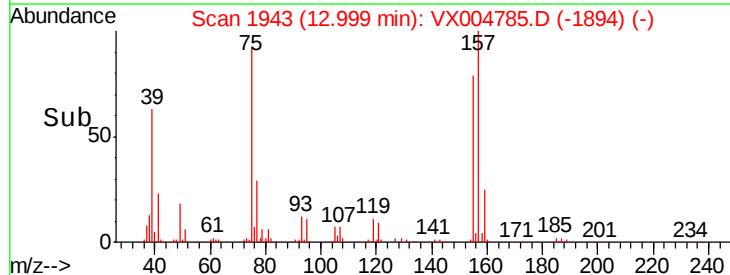
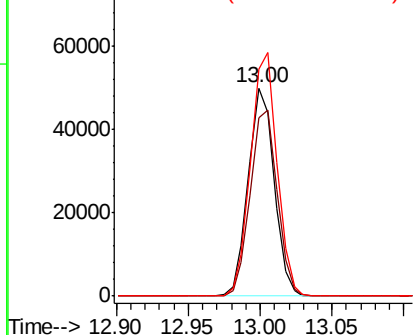


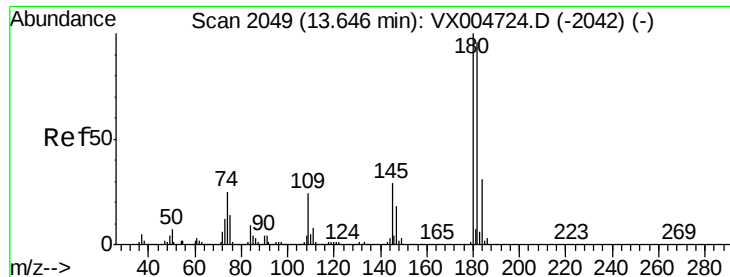
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.030 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004785.D
 Acq: 27 Sep 2018 20:10

Tgt Ion: 75 Resp: 62146
 Ion Ratio Lower Upper
 75 100
 155 92.6 48.0 144.2
 157 118.7 61.4 184.1



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

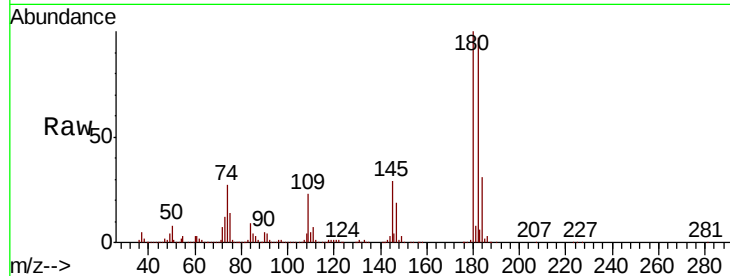




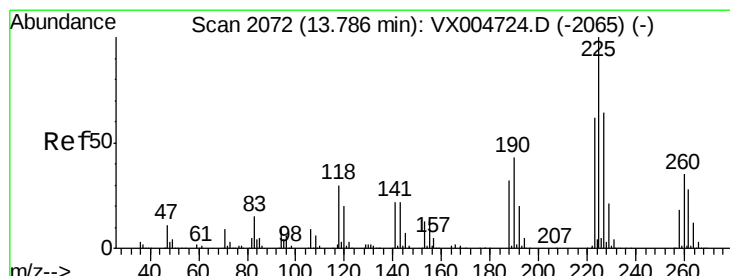
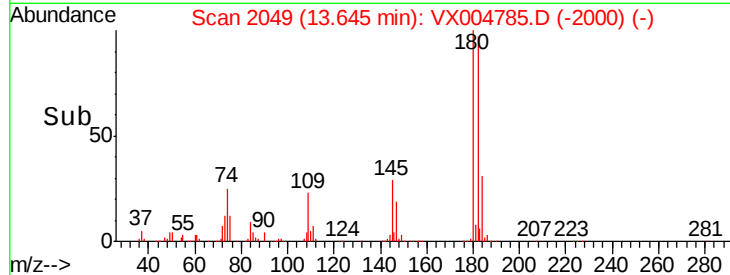
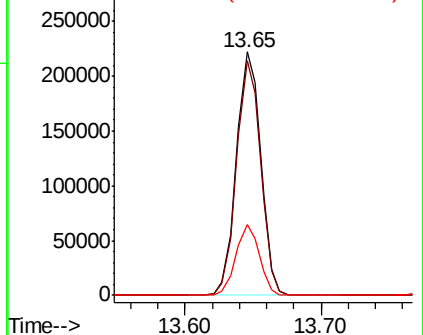
#93
 1,2,4-Trichlorobenzene
 Concen: 51.207 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004785.D
 Acq: 27 Sep 2018 20:10

Instrument :
 MSVOA_X
 ClientSampleId :
 CMT-22-6-SEP18MSD

Tot Ion:180 Resp: 277417
 Ion Ratio Lower Upper
 180 100
 182 95.5 48.4 145.0
 145 28.1 14.3 42.9

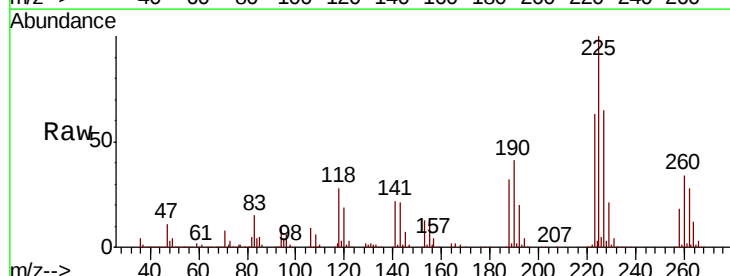


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

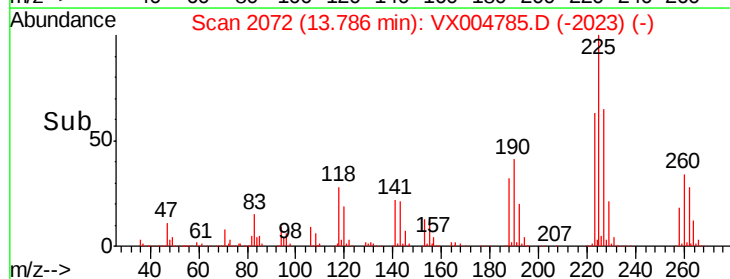
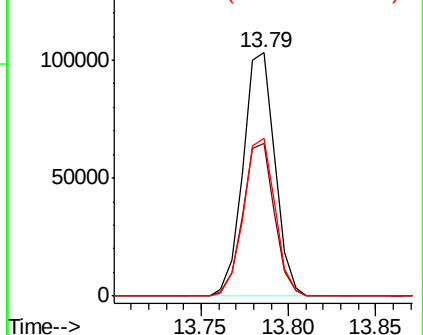


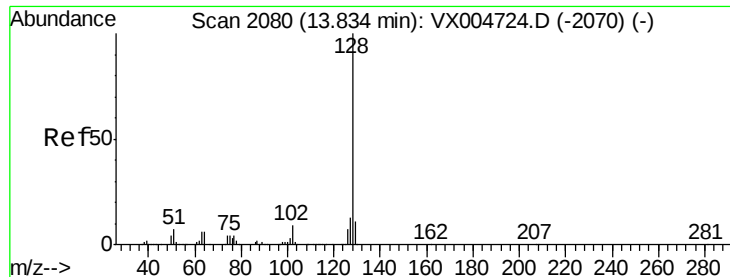
#94
 Hexachlorobutadiene
 Concen: 46.234 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004785.D
 Acq: 27 Sep 2018 20:10

Tgt Ion:225 Resp: 129884
 Ion Ratio Lower Upper
 225 100
 223 62.2 30.1 90.5
 227 64.2 30.8 92.4



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





#95

Naphthalene

Concen: 50.249 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

CMT-22-6-SEP18MSD

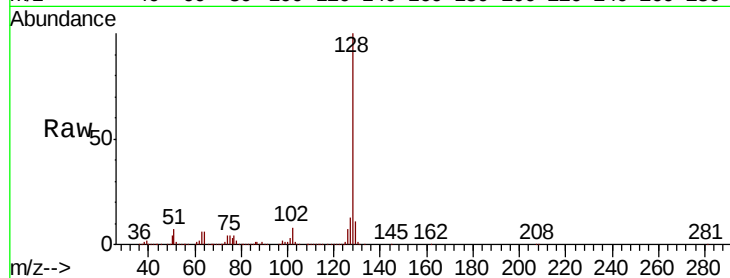
Tot Ion:128 Resp: 903601

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

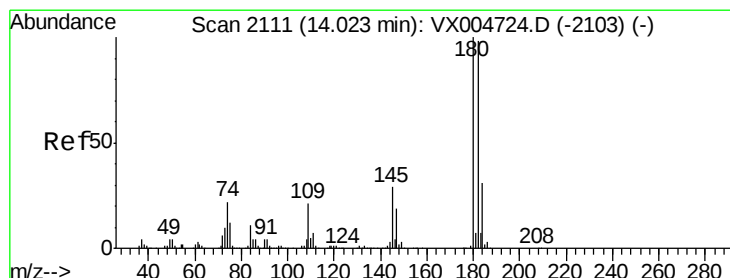
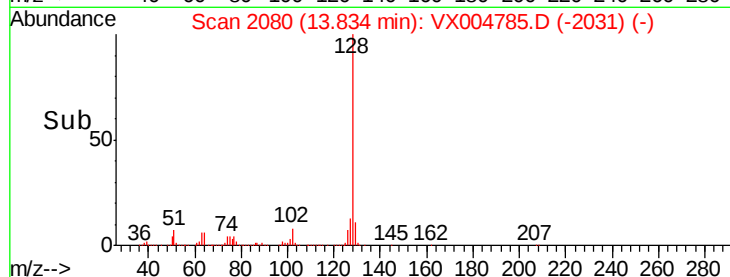
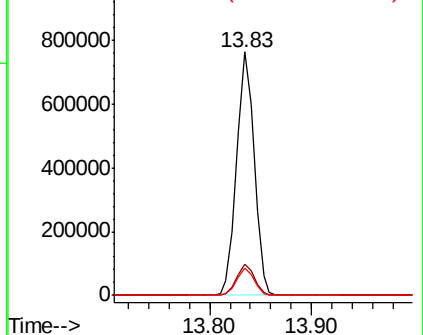
129 11.0 8.6 12.8



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: 51.236 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

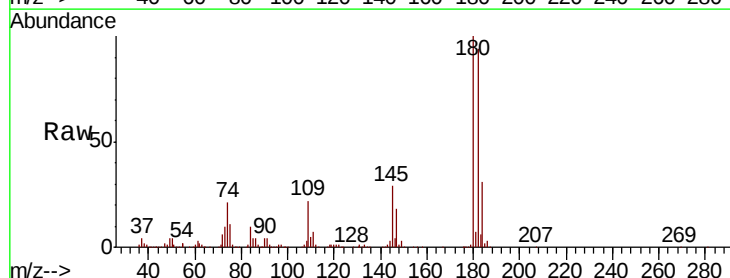
Tgt Ion:180 Resp: 286737

Ion Ratio Lower Upper

180 100

182 94.3 48.5 145.6

145 29.9 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

