

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082918\
 Data File : VX004313.D
 Acq On : 30 Aug 2018 01:11
 Operator : JC/MD
 Sample : J4681-08MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M12W4-082_18MS

Quant Time: Aug 30 02:15:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	290474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	429680	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	405367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	249160	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	195880	51.74	ug/l	0.00
Spiked Amount						
			Recovery	=	103.48%	
35) Dibromofluoromethane	5.50	113	169843	53.13	ug/l	0.00
Spiked Amount						
			Recovery	=	106.26%	
50) Toluene-d8	8.71	98	627140	51.98	ug/l	0.00
Spiked Amount						
			Recovery	=	103.96%	
62) 4-Bromofluorobenzene	11.14	95	234504	52.09	ug/l	0.00
Spiked Amount						
			Recovery	=	104.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	164814	48.99	ug/l	98
3) Chloromethane	1.32	50	189100	50.85	ug/l	99
4) Vinyl Chloride	1.40	62	196966	51.75	ug/l	100
5) Bromomethane	1.63	94	84869	45.04	ug/l	100
6) Chloroethane	1.71	64	131875	49.02	ug/l	98
7) Trichlorofluoromethane	1.92	101	263780	50.58	ug/l	95
8) Diethyl Ether	2.18	74	119130	53.34	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	156678	47.96	ug/l	100
10) Methyl Iodide	2.50	142	178169	48.48	ug/l	99
11) Tert butyl alcohol	3.08	59	227138	281.45	ug/l	100
12) 1,1-Dichloroethene	2.37	96	154529	50.22	ug/l	98
13) Acrolein	2.29	56	53621	275.60	ug/l	100
14) Allyl chloride	2.72	41	286524	50.68	ug/l	97
15) Acrylonitrile	3.15	53	548910	274.64	ug/l	99
16) Acetone	2.45	43	460021	299.24	ug/l	98
17) Carbon Disulfide	2.56	76	403110	47.21	ug/l	99
18) Methyl Acetate	2.78	43	252574	44.96	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	537595	53.01	ug/l	97
20) Methylene Chloride	2.86	84	185512	50.90	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	168726	49.54	ug/l	96
22) Diisopropyl ether	3.87	45	540391	51.19	ug/l	98
23) Vinyl Acetate	3.82	43	1395547	163.11	ug/l	99
24) 1,1-Dichloroethane	3.69	63	330285	53.69	ug/l	99
25) 2-Butanone	4.71	43	720006	284.21	ug/l	99
26) 2,2-Dichloropropane	4.58	77	135281	28.04	ug/l	94
27) cis-1,2-Dichloroethene	4.59	96	195695	50.66	ug/l	95
28) Bromochloromethane	5.02	49	148916	54.68	ug/l	99
29) Tetrahydrofuran	5.16	42	457791	281.44	ug/l	100
30) Chloroform	5.21	83	327143	53.04	ug/l	98
31) Cyclohexane	5.57	56	264296	49.79	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	269934	52.48	ug/l	99
36) 1,1-Dichloropropene	5.79	75	235573	48.77	ug/l	98
37) Ethyl Acetate	4.86	43	225994	47.57	ug/l	100
38) Carbon Tetrachloride	5.78	117	234998	51.71	ug/l	98

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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	254099	46.07	ug/l	98
40) Benzene	6.14	78	750679	52.01	ug/l	100
41) Methacrylonitrile	5.06	41	149702	54.36	ug/l	99
42) 1,2-Dichloroethane	6.20	62	253965	51.58	ug/l	100
43) Isopropyl Acetate	6.47	43	310475	42.53	ug/l	100
44) Trichloroethene	7.21	130	195680	48.98	ug/l	97
45) 1,2-Dichloropropane	7.52	63	193018	53.43	ug/l	99
46) Dibromomethane	7.67	93	124793	51.88	ug/l	98
47) Bromodichloromethane	7.90	83	240971	53.84	ug/l	98
48) Methyl methacrylate	7.78	41	215283	55.11	ug/l	99
49) 1,4-Dioxane	7.76	88	99921	1126.68	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1417153	267.18	ug/l	100
52) Toluene	8.79	92	465860	51.56	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	243760	49.31	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	262024	48.66	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	194198	53.24	ug/l	99
56) Ethyl methacrylate	9.18	69	279449	56.28	ug/l	98
57) 1,3-Dichloropropane	9.37	76	326905	53.17	ug/l	100
59) 2-Hexanone	9.50	43	1092740	270.05	ug/l	100
60) Dibromochloromethane	9.59	129	193012	54.32	ug/l	99
61) 1,2-Dibromoethane	9.67	107	195911	51.90	ug/l	100
64) Tetrachloroethene	9.34	164	222261	55.50	ug/l	99
65) Chlorobenzene	10.14	112	487884	47.96	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	185220	52.78	ug/l	96
67) Ethyl Benzene	10.26	91	846935	51.26	ug/l	98
68) m/p-Xylenes	10.36	106	683414	105.78	ug/l	100
69) o-Xylene	10.70	106	335163	54.84	ug/l	99
70) Stvrene	10.71	104	548863	55.47	ug/l	100
71) Bromoform	10.86	173	154450	54.60	ug/l	99
73) Isopropylbenzene	11.02	105	894589	54.67	ug/l	99
74) N-amyl acetate	10.90	43	225359	35.77	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	305017	53.26	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	329417	65.01	ug/l	87
77) Bromobenzene	11.26	156	240938	52.49	ug/l	99
78) n-propylbenzene	11.36	91	1015378	53.95	ug/l	100
79) 2-Chlorotoluene	11.42	91	610154	52.67	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	745158	54.98	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	73080	46.79	ug/l	98
82) 4-Chlorotoluene	11.51	91	715649	52.50	ug/l	99
83) tert-Butylbenzene	11.77	119	746427	54.74	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	763683	54.90	ug/l	100
85) sec-Butylbenzene	11.95	105	859903	53.12	ug/l	99
86) p-Isopropyltoluene	12.07	119	729030	50.25	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	420235	48.62	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	421868	46.29	ug/l	99
89) n-Butylbenzene	12.39	91	578633	49.05	ug/l	100
90) Hexachloroethane	12.60	117	109918	54.21	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	410705	51.99	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	55121	54.65	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	292888	50.96	ug/l	98

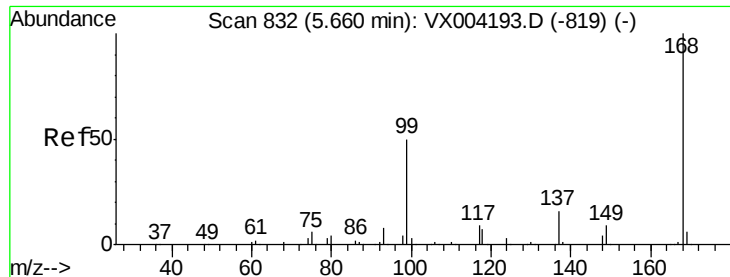
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082918\
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Acq On : 30 Aug 2018 01:11
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Quant Time: Aug 30 02:15:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	135140	50.54	ug/l	96
95) Naphthalene	13.83	128	998534	61.43	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	327637	53.85	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

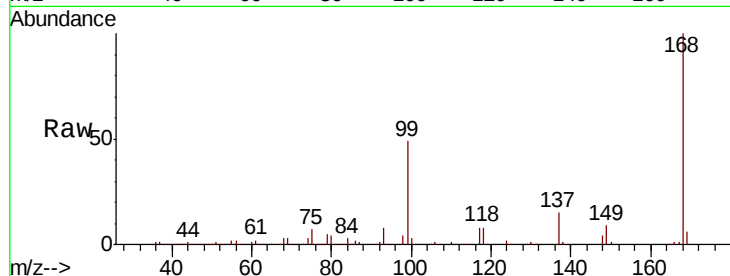
CPA-CPMW05S-M12W4-082_18MS

Tot Ion:168 Resp: 290474

Ion Ratio Lower Upper

168 100

99 48.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

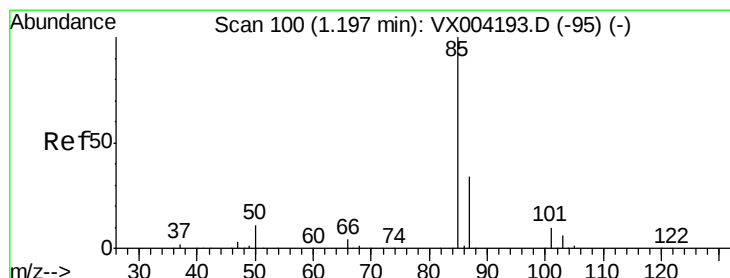
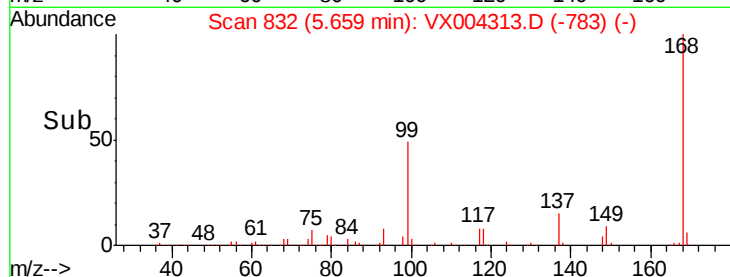
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.99 ug/l

RT: 1.19 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX004313.D

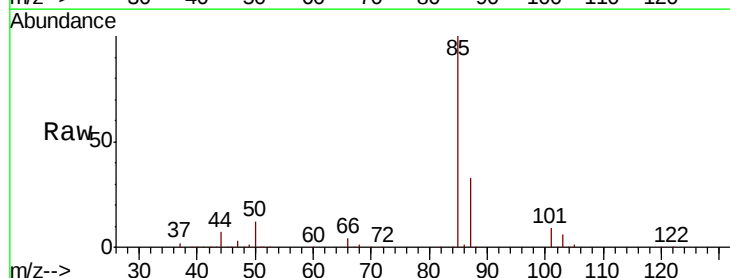
Acq: 30 Aug 2018 01:11

Tgt Ion: 85 Resp: 164814

Ion Ratio Lower Upper

85 100

87 32.8 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

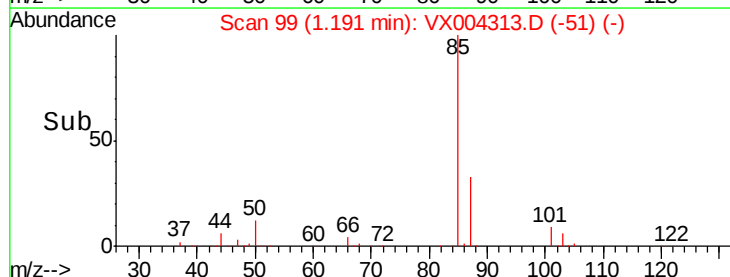
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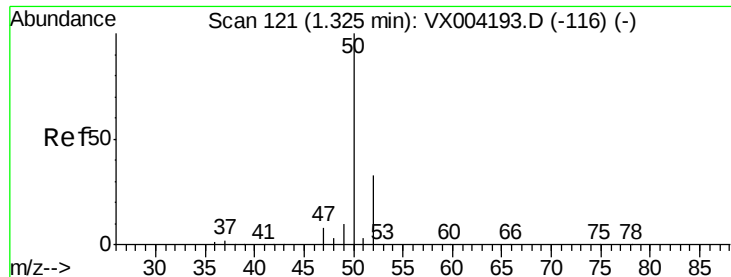
100000

50000

0

Time-->





#3

Chloromethane

Concen: 50.85 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

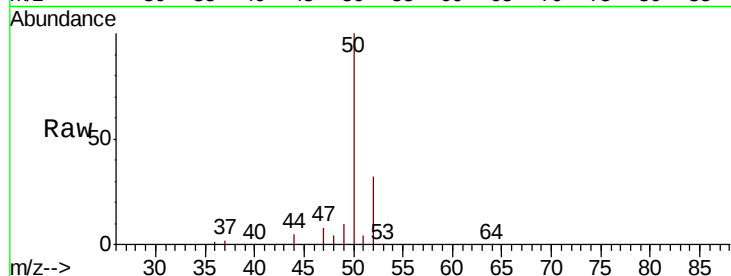
CPA-CPMW05S-M12W4-082 18MS

Tot Ion: 50 Resp: 189100

Ion Ratio Lower Upper

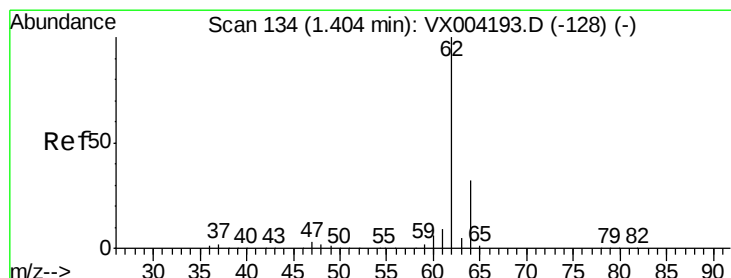
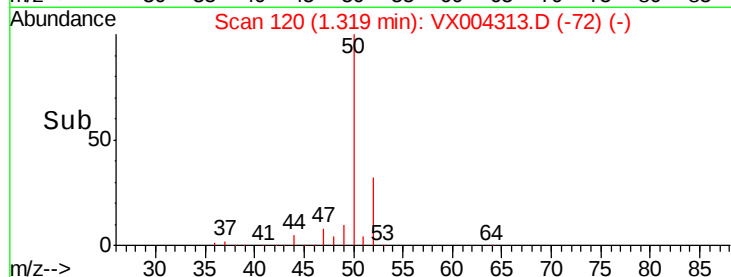
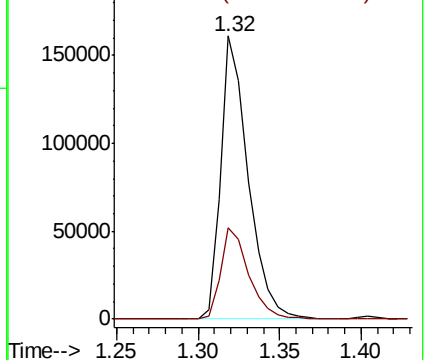
50 100

52 32.1 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 51.75 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004313.D

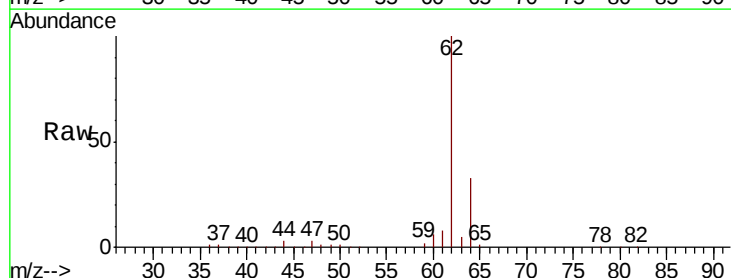
Acq: 30 Aug 2018 01:11

Tgt Ion: 62 Resp: 196966

Ion Ratio Lower Upper

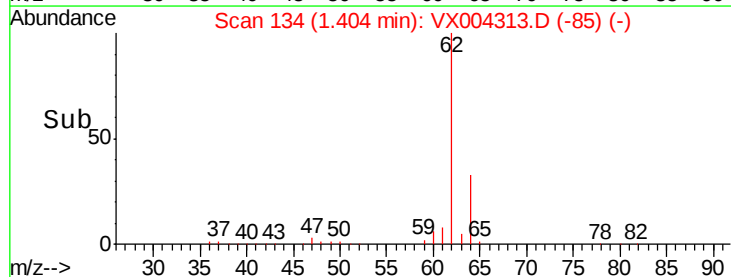
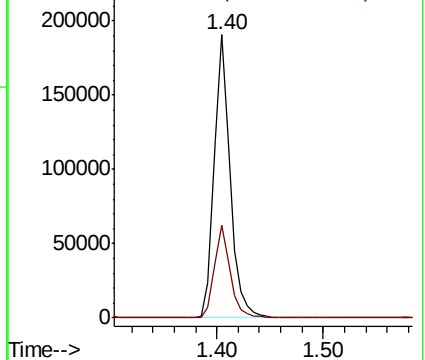
62 100

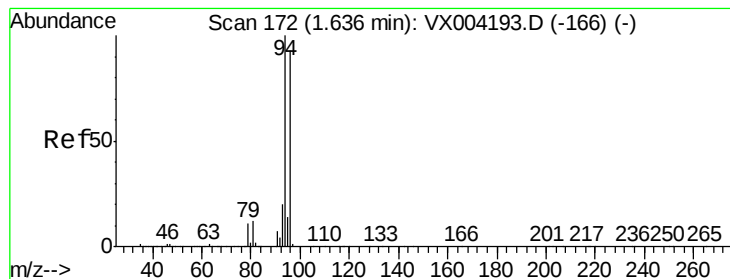
64 32.6 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 45.04 ug/l

RT: 1.63 min Scan# 171

Delta R.T. -0.01 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

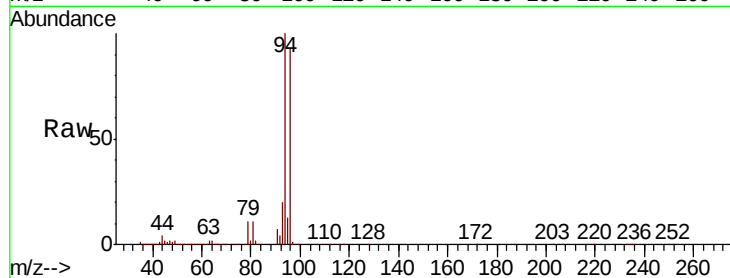
CPA-CPMW05S-M12W4-082_18MS

Tot Ion: 94 Resp: 84869

Ion Ratio Lower Upper

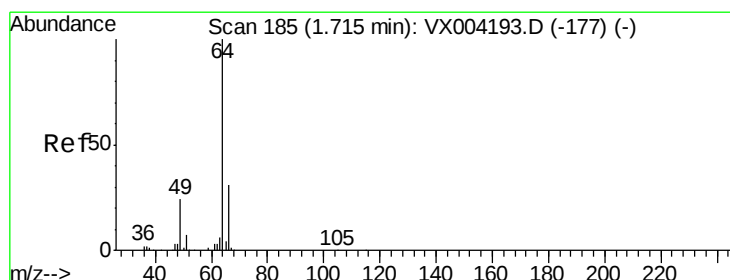
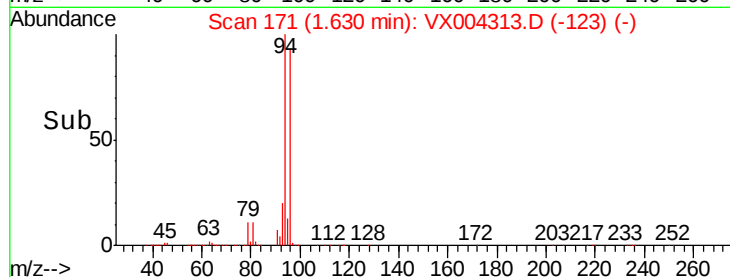
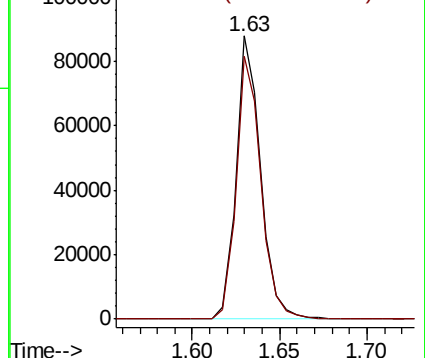
94 100

96 92.7 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: 49.02 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX004313.D

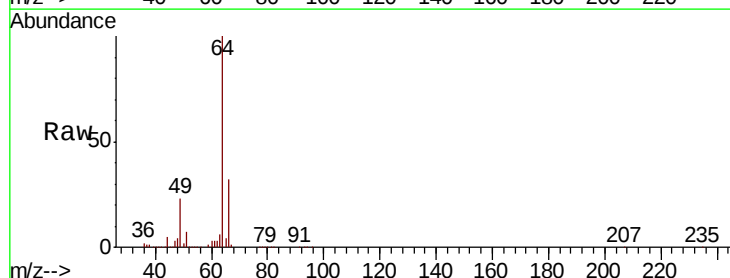
Acq: 30 Aug 2018 01:11

Tgt Ion: 64 Resp: 131875

Ion Ratio Lower Upper

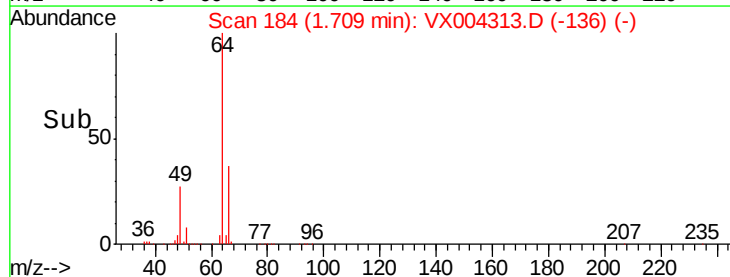
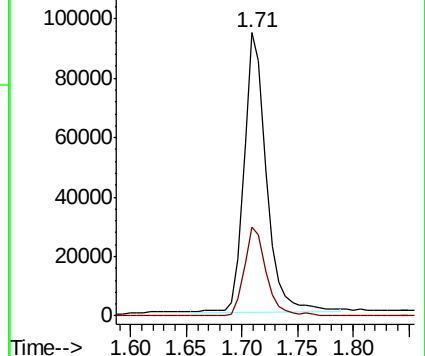
64 100

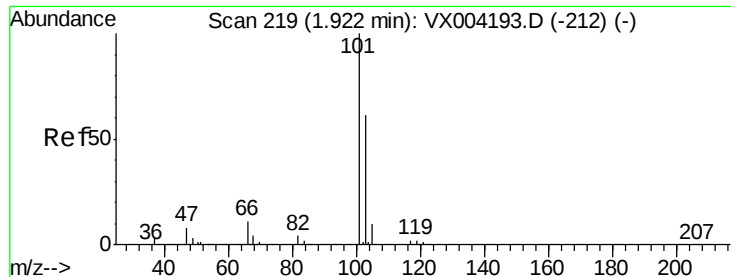
66 31.8 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



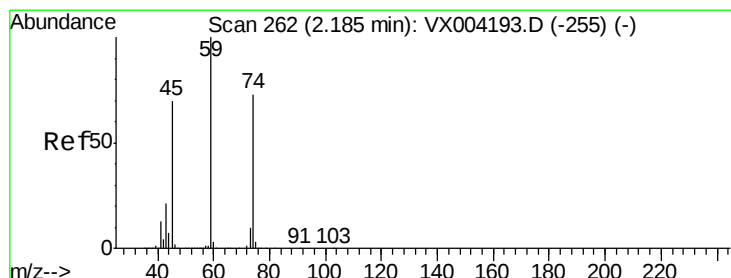
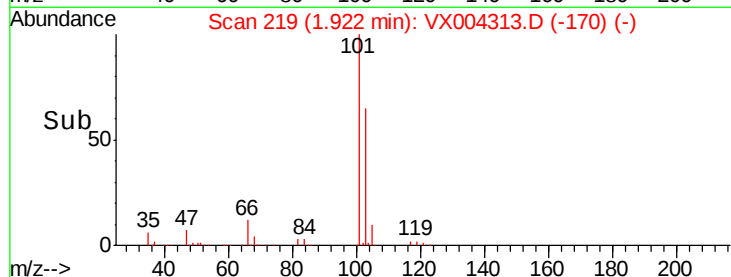
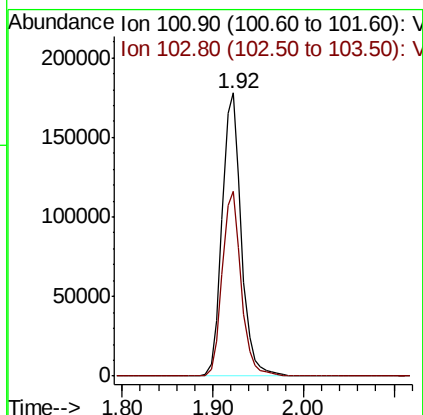
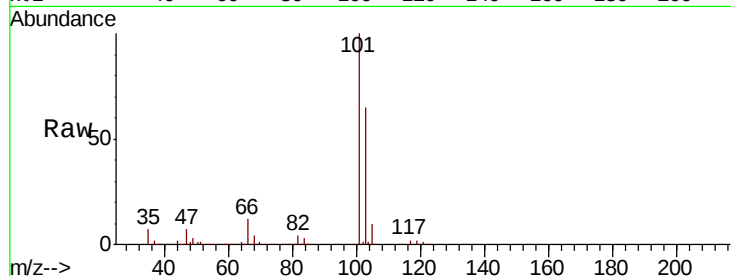


#7

Trichlorofluoromethane
Concen: 50.58 ug/l
RT: 1.92 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

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CPA-CPMW05S-M12W4-082_18MS

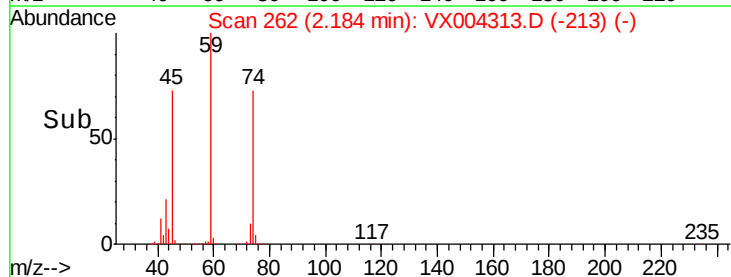
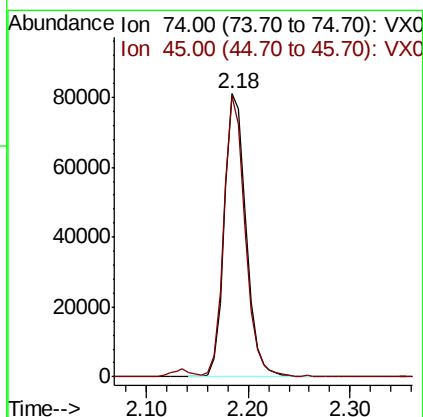
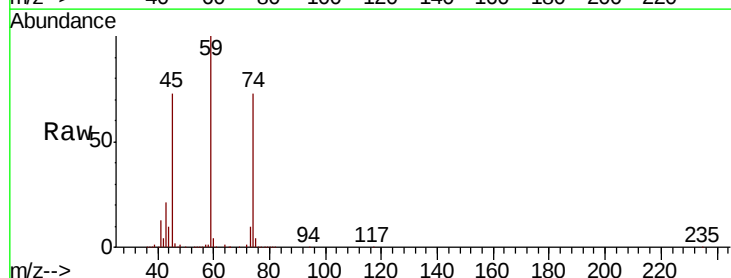
Tot Ion:101 Resp: 263780
Ion Ratio Lower Upper
101 100
103 65.1 48.9 73.3

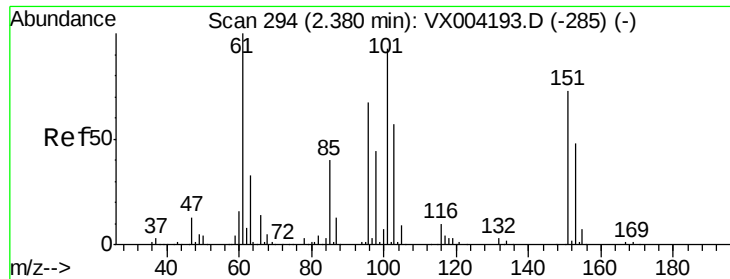


#8

Diethyl Ether
Concen: 53.34 ug/l
RT: 2.18 min Scan# 262
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

Tgt Ion: 74 Resp: 119130
Ion Ratio Lower Upper
74 100
45 96.5 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.96 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

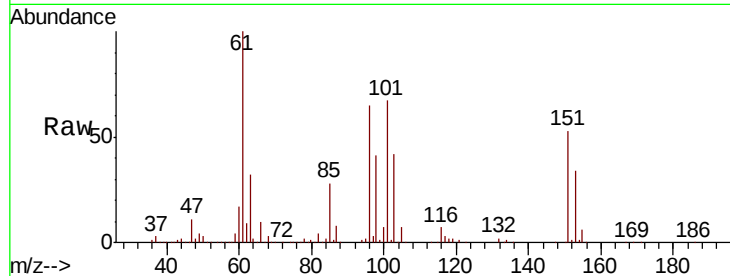
Tot Ion:101 Resp: 156678

Ion Ratio Lower Upper

101 100

85 42.7 34.2 51.4

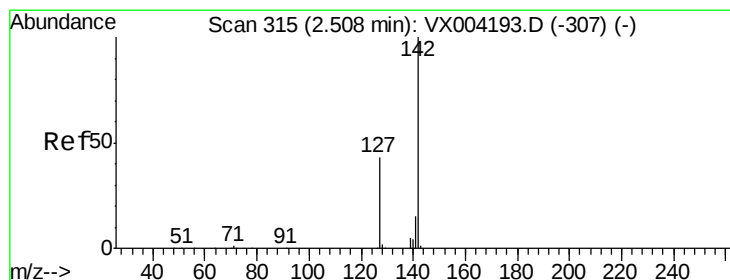
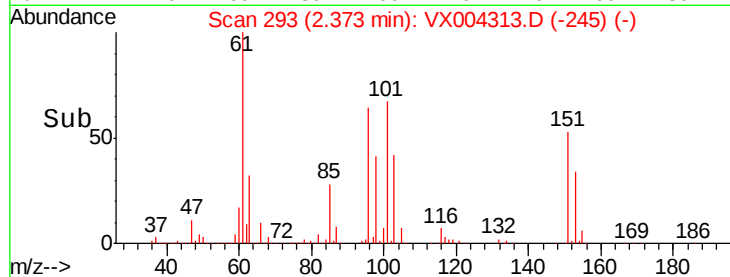
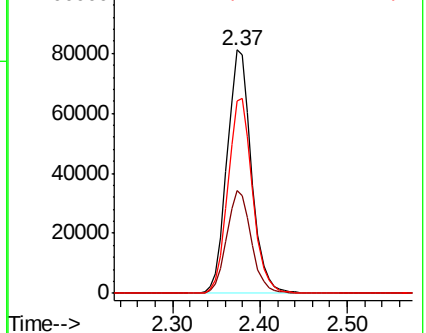
151 81.4 65.0 97.6



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: 48.48 ug/l

RT: 2.50 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

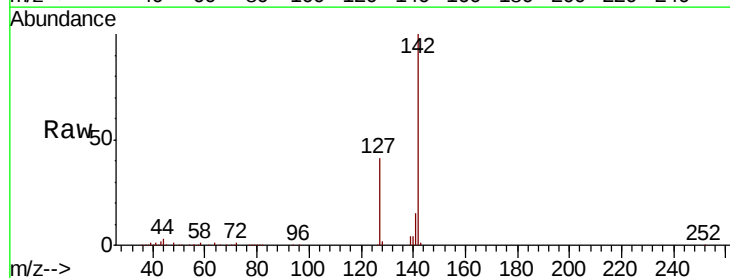
Tgt Ion:142 Resp: 178169

Ion Ratio Lower Upper

142 100

127 41.1 33.8 50.6

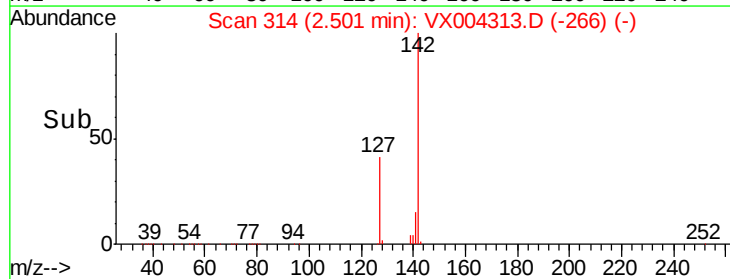
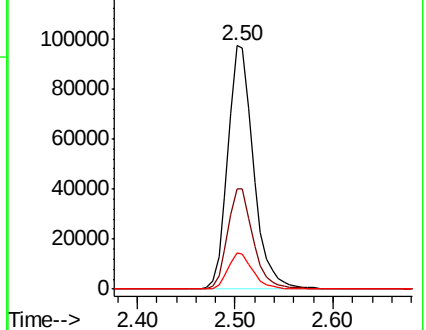
141 14.3 11.4 17.0

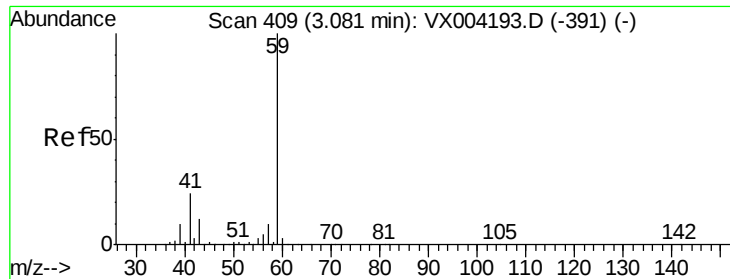


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

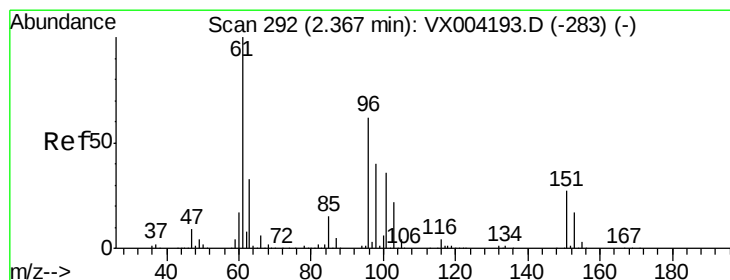
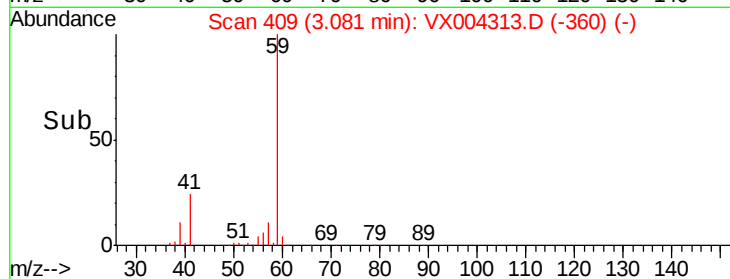
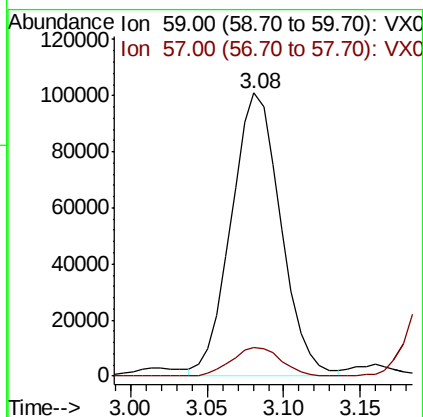
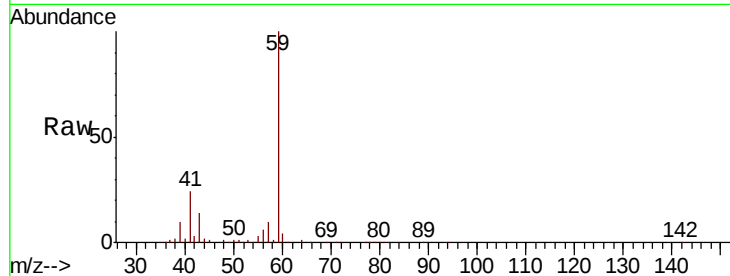




#11
Tert butyl alcohol
Concen: 281.45 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

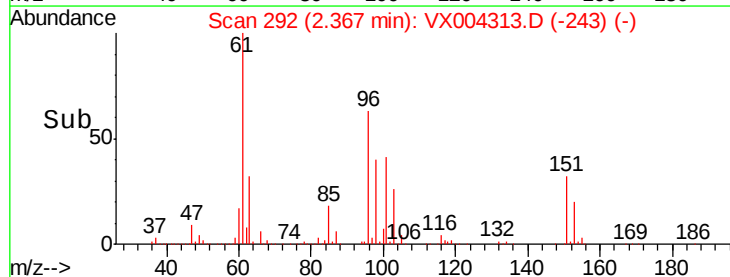
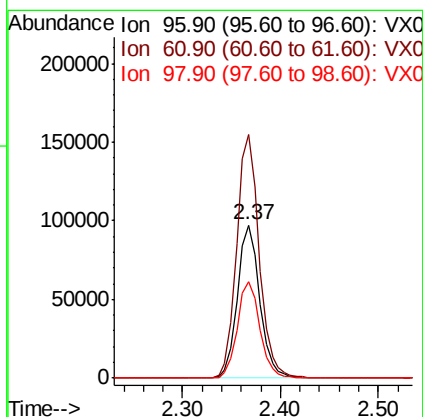
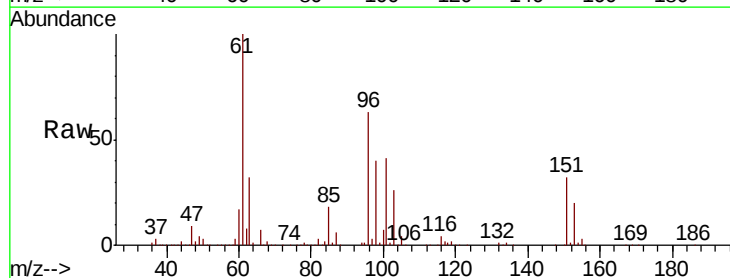
Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05S-M12W4-082_18MS

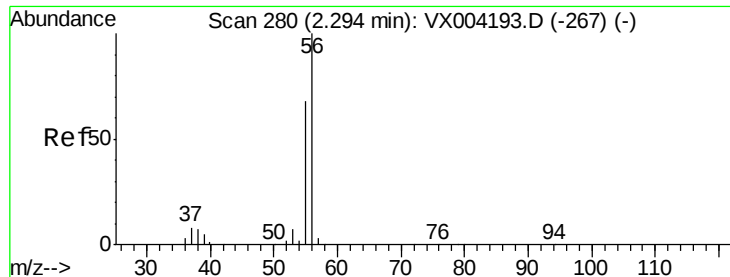
Tot Ion: 59 Resp: 227138
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4



#12
1,1-Dichloroethene
Concen: 50.22 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

Tgt Ion: 96 Resp: 154529
Ion Ratio Lower Upper
96 100
61 159.0 128.8 193.2
98 63.2 52.2 78.2





#13

Acrolein

Concen: 275.60 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

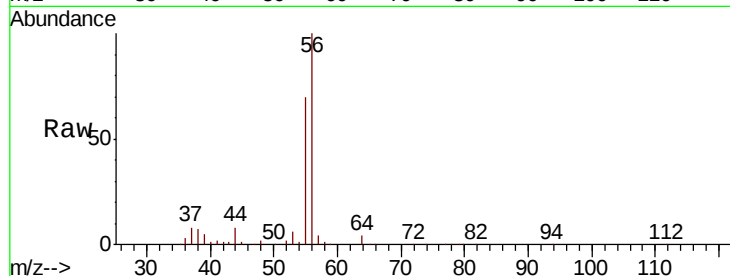
CPA-CPMW05S-M12W4-082_18MS

Tot Ion: 56 Resp: 53621

Ion Ratio Lower Upper

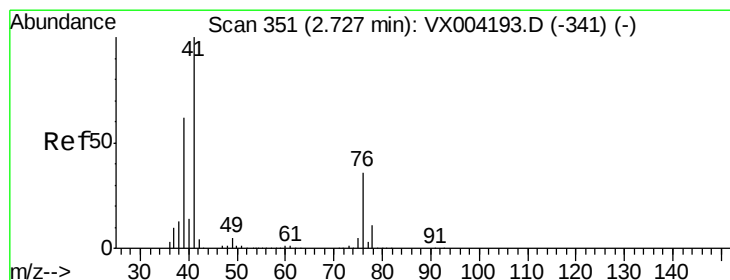
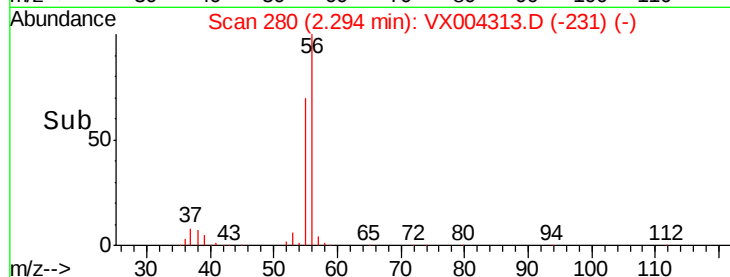
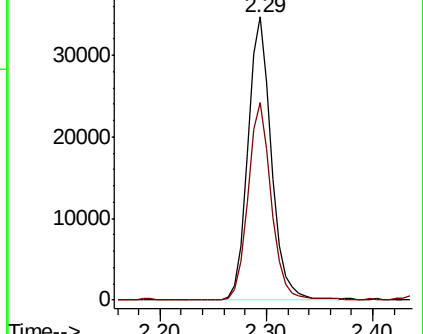
56 100

55 68.7 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 50.68 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

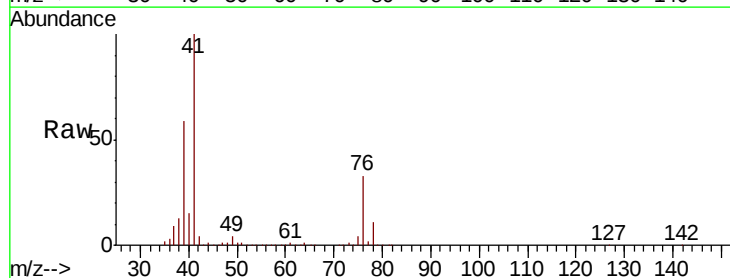
Tgt Ion: 41 Resp: 286524

Ion Ratio Lower Upper

41 100

39 58.3 48.9 73.3

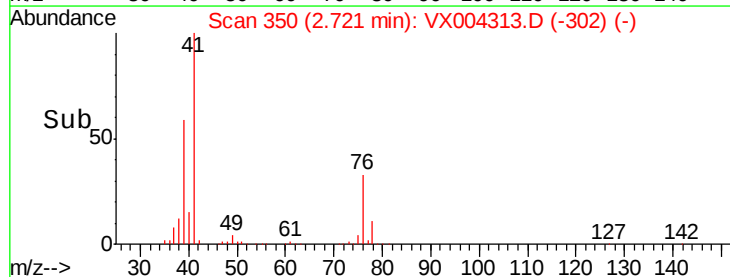
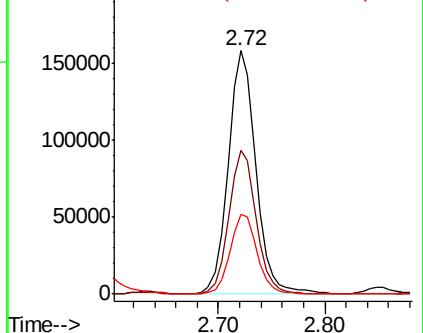
76 32.5 26.7 40.1



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 274.64 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

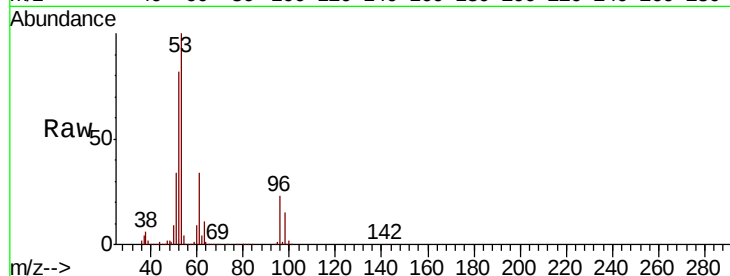
Tot Ion: 53 Resp: 548910

Ion Ratio Lower Upper

53 100

52 81.2 65.2 97.8

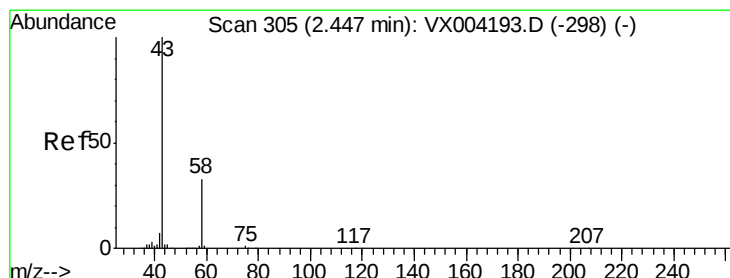
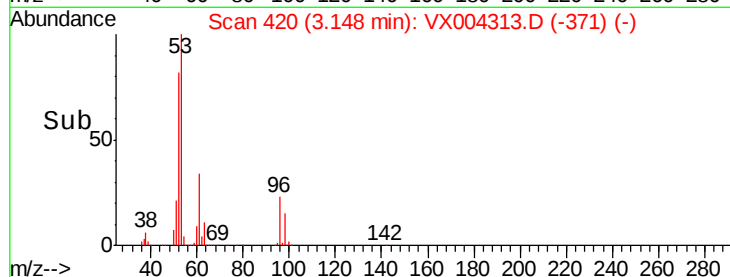
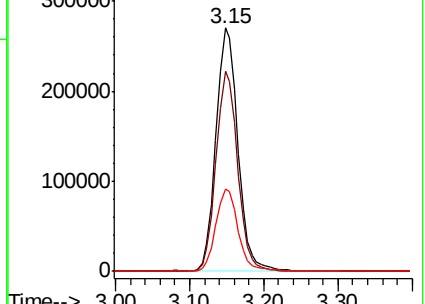
51 34.5 28.2 42.2



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: 299.24 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX004313.D

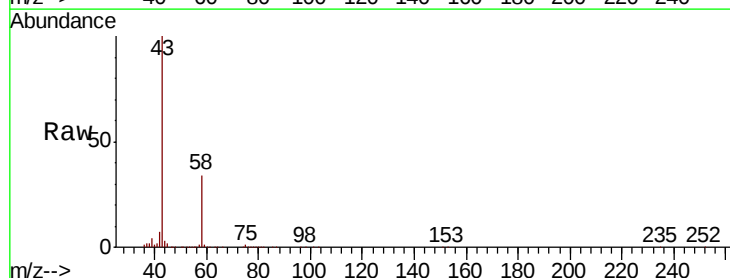
Acq: 30 Aug 2018 01:11

Tgt Ion: 43 Resp: 460021

Ion Ratio Lower Upper

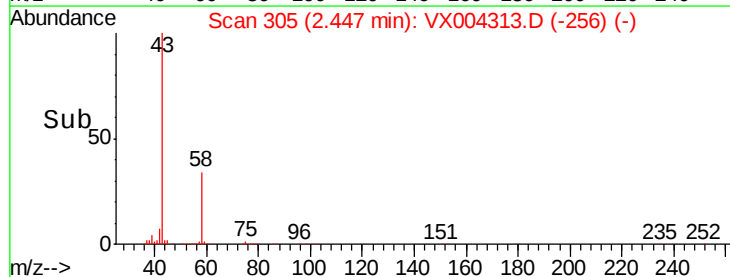
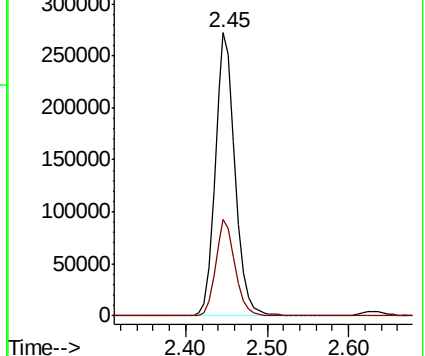
43 100

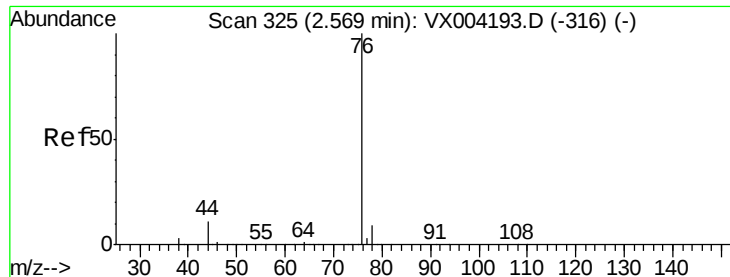
58 34.0 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

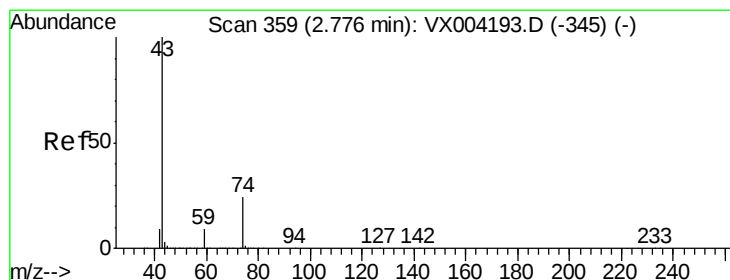
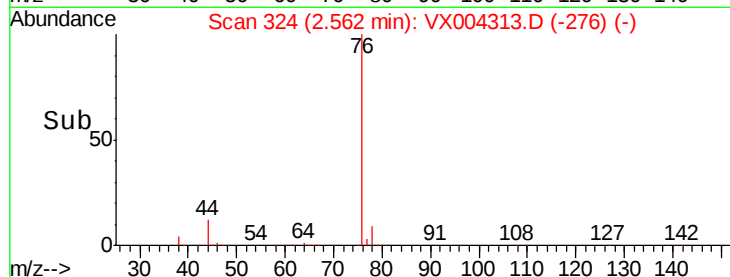
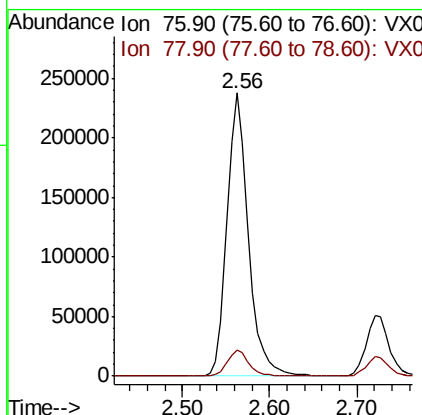
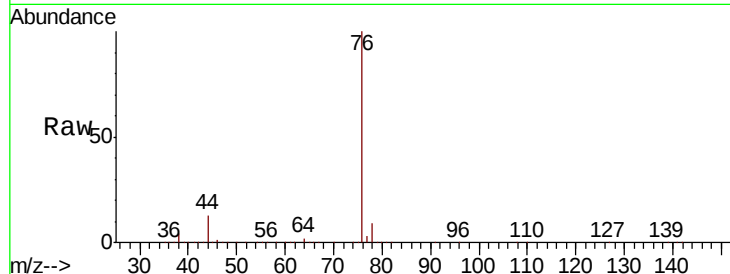




#17
Carbon Disulfide
Concen: 47.21 ug/l
RT: 2.56 min Scan# 324
Delta R.T. -0.01 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

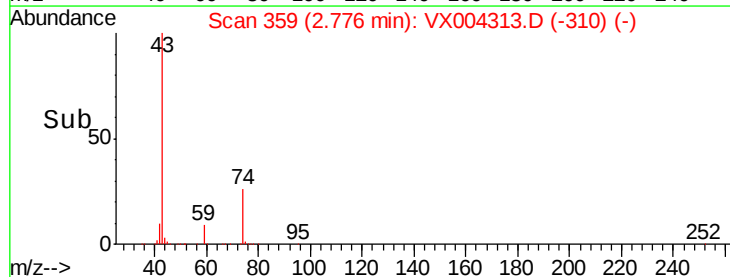
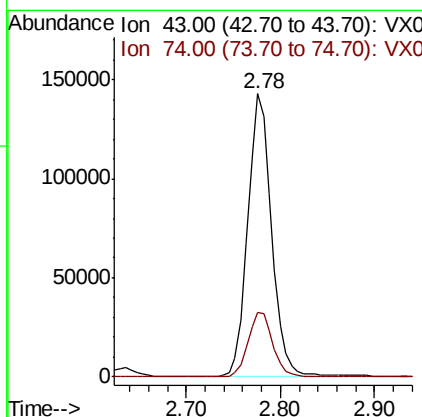
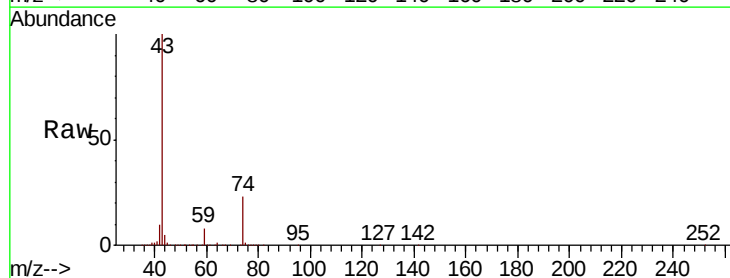
Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05S-M12W4-082_18MS

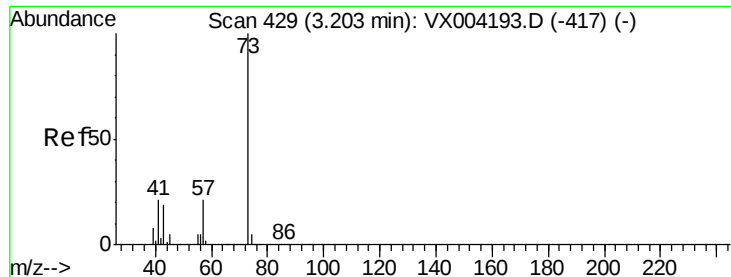
Tot Ion: 76 Resp: 403110
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 44.96 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

Tgt Ion: 43 Resp: 252574
Ion Ratio Lower Upper
43 100
74 23.7 19.4 29.2

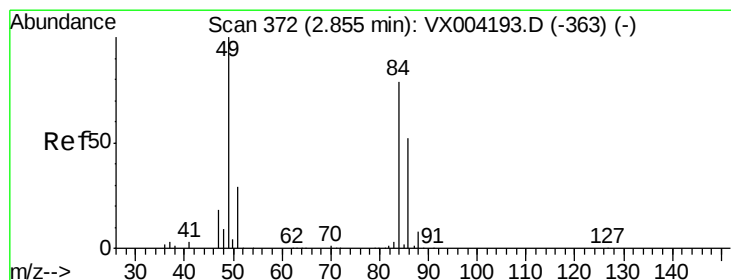
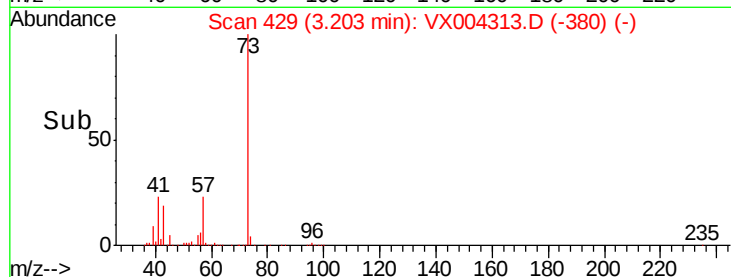
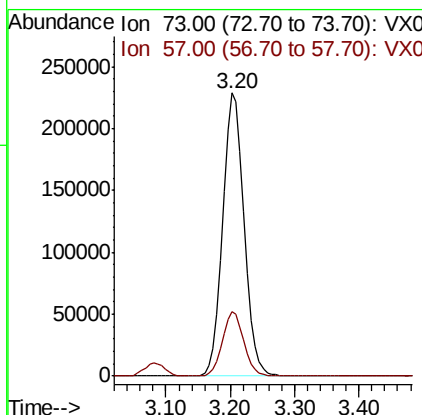
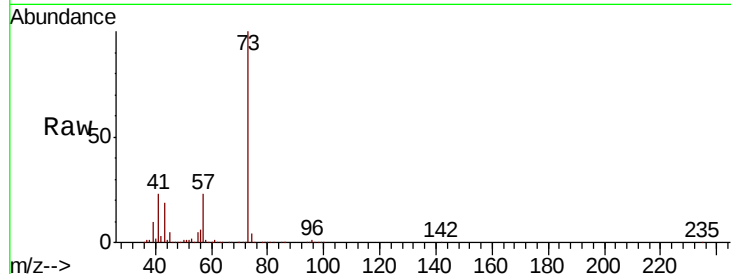




#19
Methvl tert-butvl Ether
Concen: 53.01 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

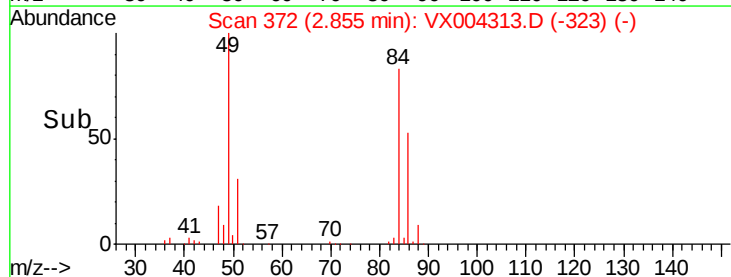
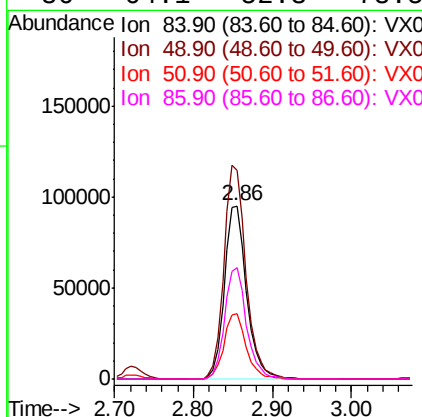
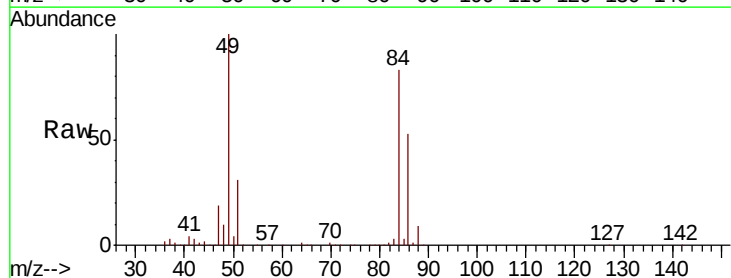
Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05S-M12W4-082_18MS

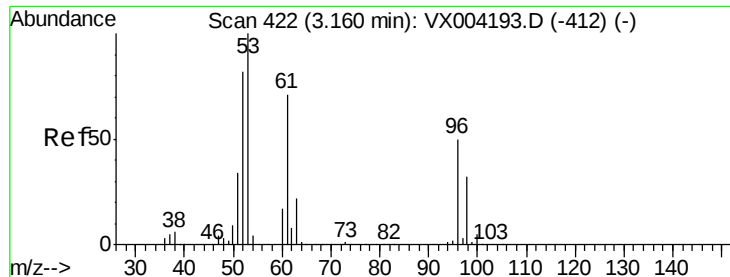
Tot Ion: 73 Resp: 537595
Ion Ratio Lower Upper
73 100
57 22.8 17.1 25.7



#20
Methylene Chloride
Concen: 50.90 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

Tgt Ion: 84 Resp: 185512
Ion Ratio Lower Upper
84 100
49 120.7 101.2 151.8
51 37.7 29.5 44.3
86 64.1 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 49.54 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

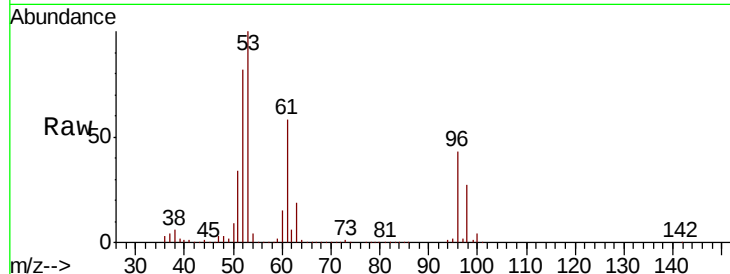
Tot Ion: 96 Resp: 168726

Ion Ratio Lower Upper

96 100

61 136.5 113.8 170.6

98 63.3 51.8 77.8

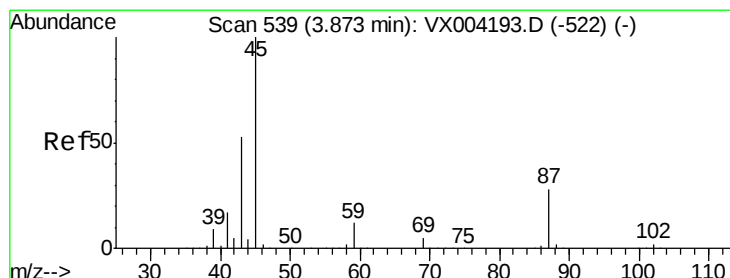
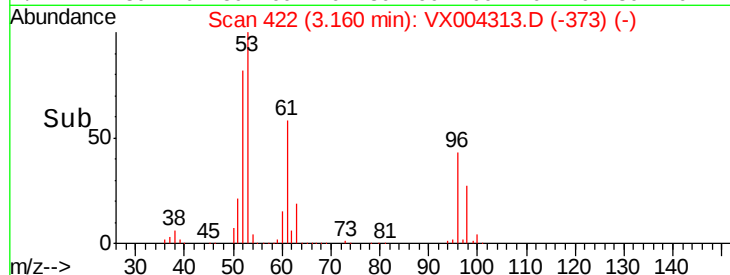
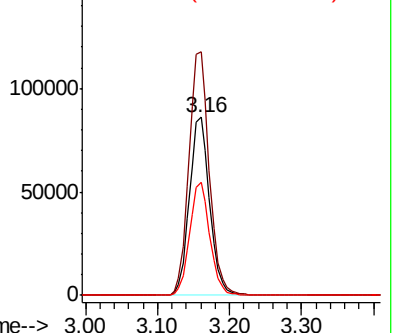


Abundance

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: 51.19 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Tgt Ion: 45 Resp: 540391

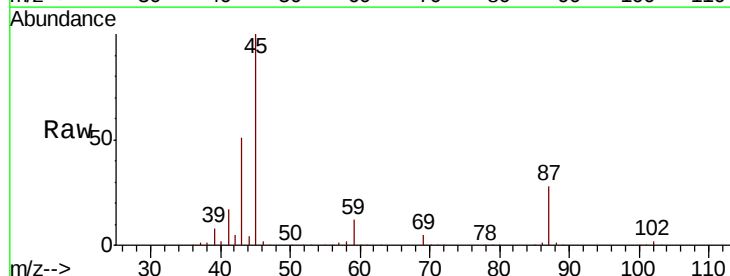
Ion Ratio Lower Upper

45 100

43 50.9 42.8 64.2

87 28.5 22.6 34.0

59 12.0 9.6 14.4



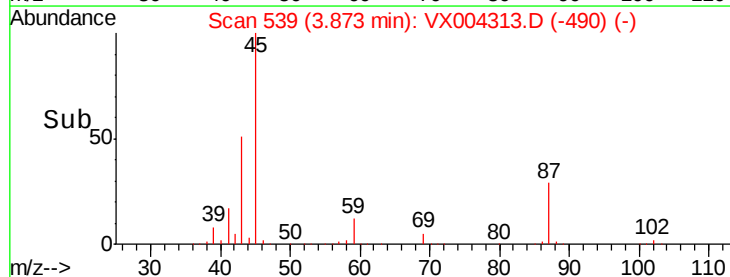
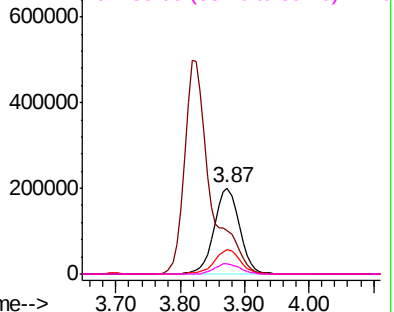
Abundance

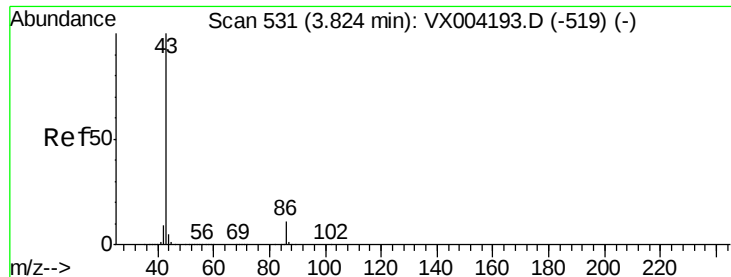
Ion 45.00 (44.70 to 45.70): VX0

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: 163.11 ug/l

RT: 3.82 min Scan# 530

Delta R.T. -0.01 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

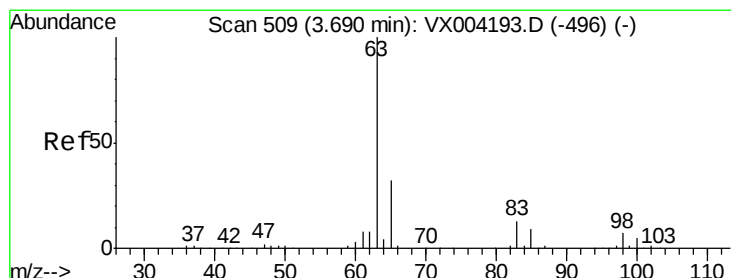
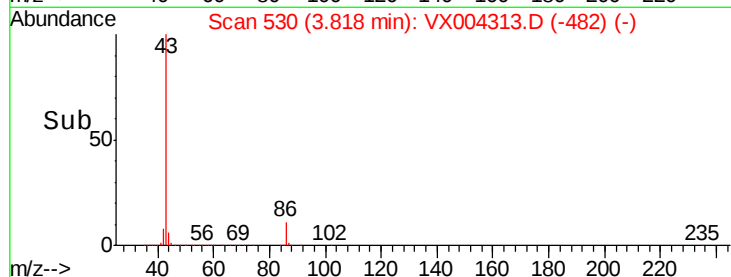
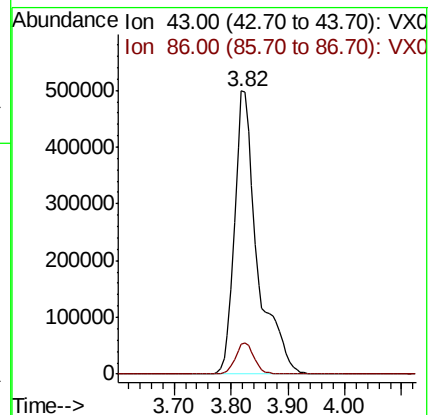
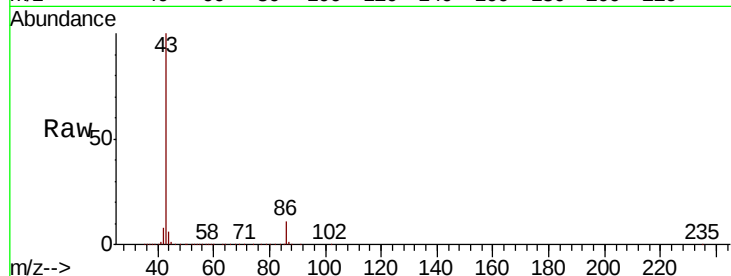
CPA-CPMW05S-M12W4-082_18MS

Tot Ion: 43 Resp: 1395547

Ion Ratio Lower Upper

43 100

86 10.8 8.9 13.3



#24

1,1-Dichloroethane

Concen: 53.69 ug/l

RT: 3.69 min Scan# 509

Delta R.T. -0.00 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

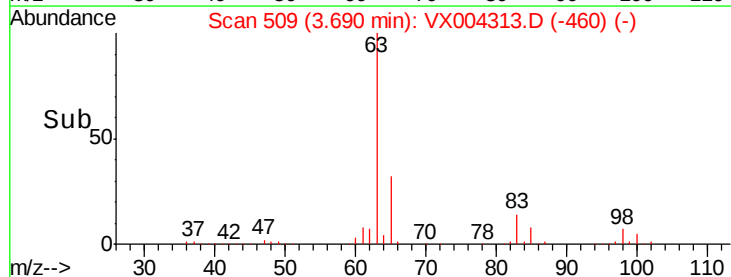
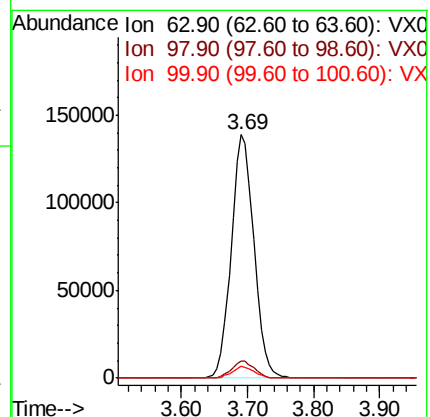
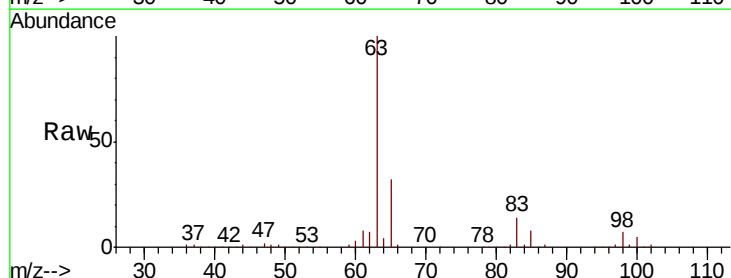
Tgt Ion: 63 Resp: 330285

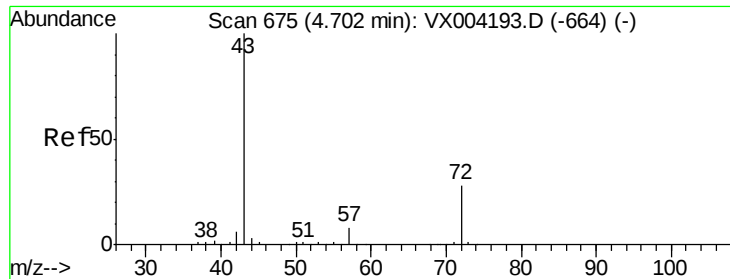
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

100 4.8 2.4 7.1





#25

2-Butanone

Concen: 284.21 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

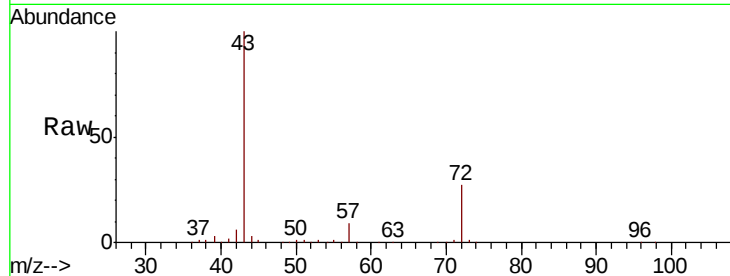
CPA-CPMW05S-M12W4-082_18MS

Tot Ion: 43 Resp: 720006

Ion Ratio Lower Upper

43 100

72 26.9 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

300000

250000

200000

150000

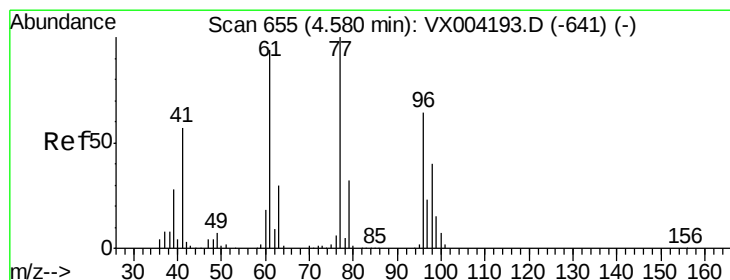
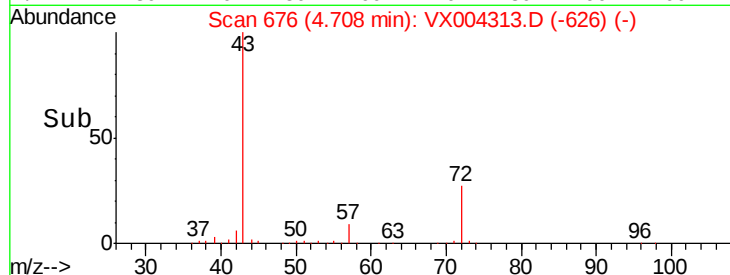
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 28.04 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.00 min

Lab File: VX004313.D

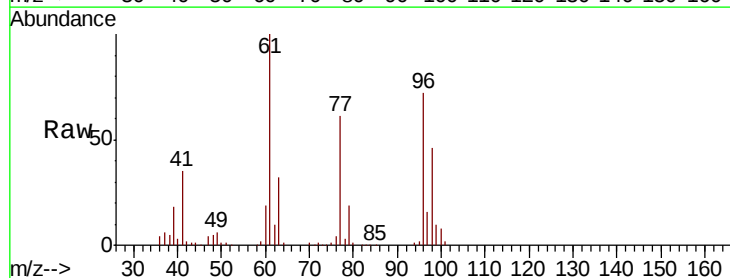
Acq: 30 Aug 2018 01:11

Tgt Ion: 77 Resp: 135281

Ion Ratio Lower Upper

77 100

97 26.4 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

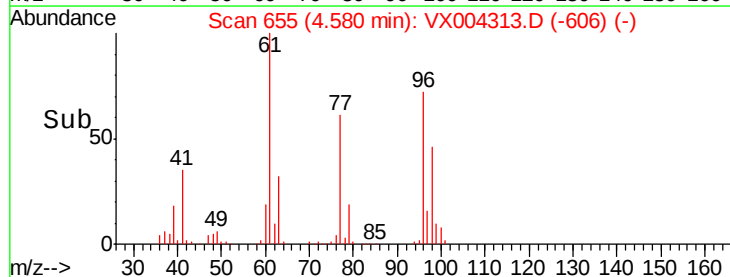
20000

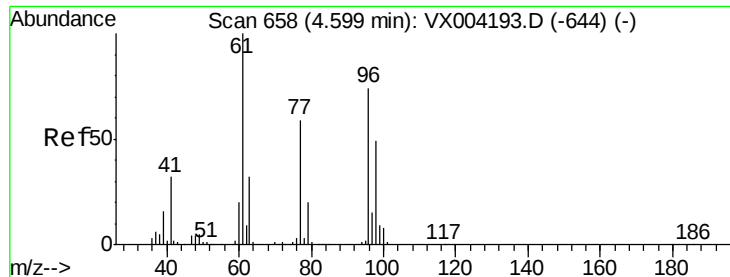
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 50.66 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

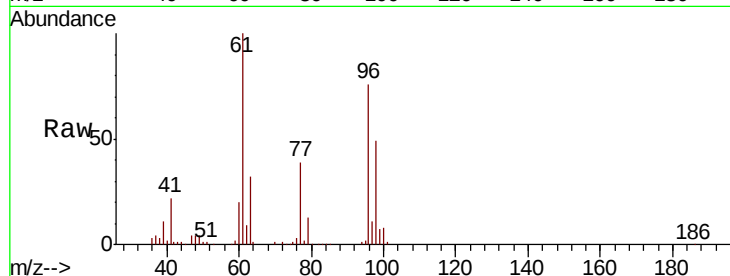
Tot Ion: 96 Resp: 195695

Ion Ratio Lower Upper

96 100

61 132.9 0.0 282.6

98 64.5 0.0 130.2

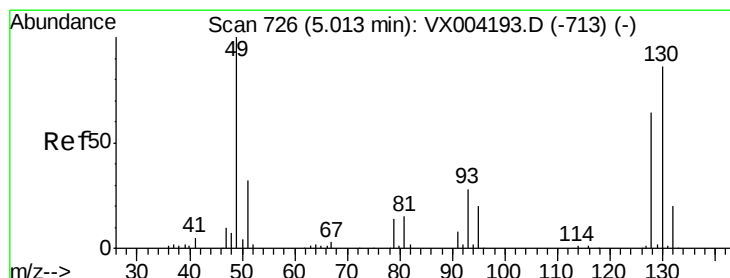
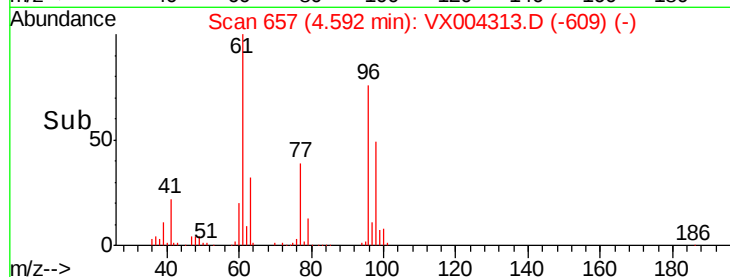
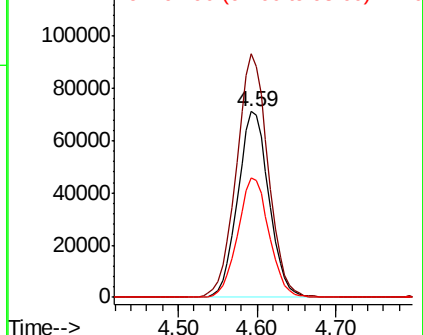


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 54.68 ug/l

RT: 5.02 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

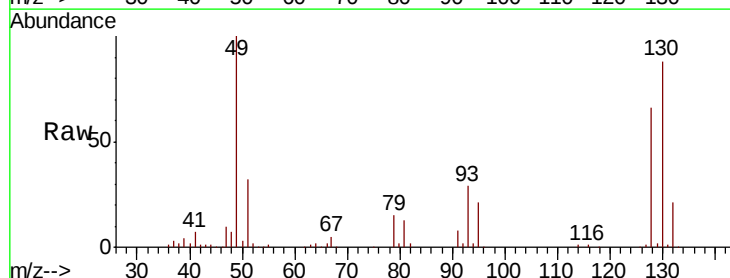
Tgt Ion: 49 Resp: 148916

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

130 83.8 67.5 101.3

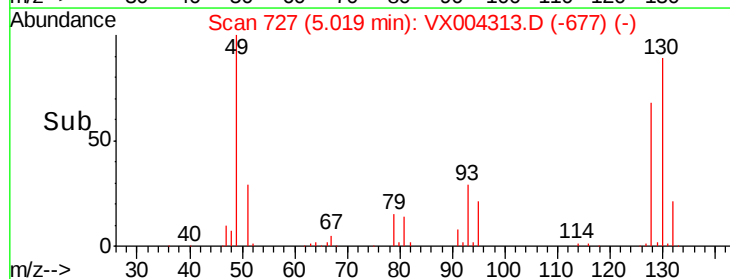
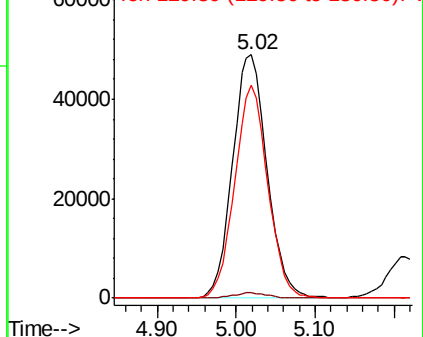


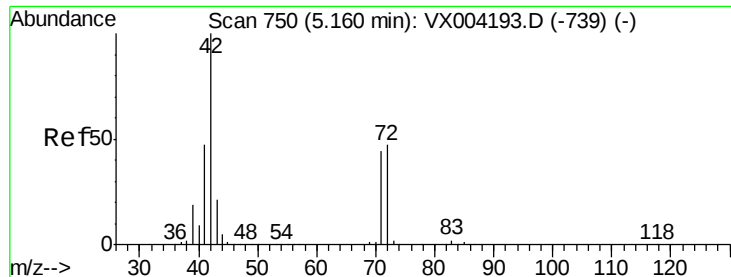
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 281.44 ug/l

RT: 5.16 min Scan# 750

Delta R.T. -0.00 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

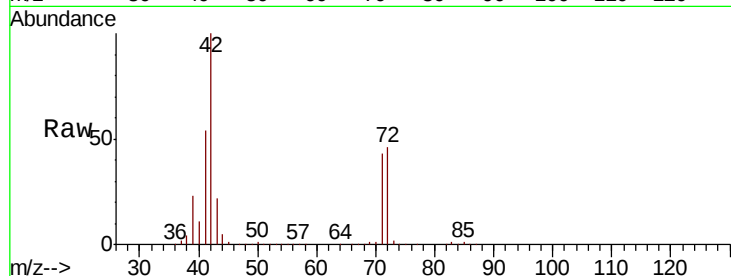
Tot Ion: 42 Resp: 457791

Ion Ratio Lower Upper

42 100

72 46.3 37.4 56.0

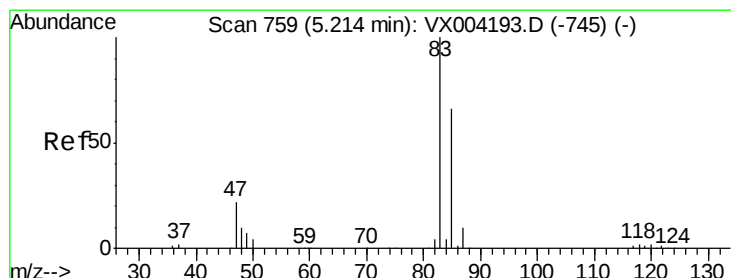
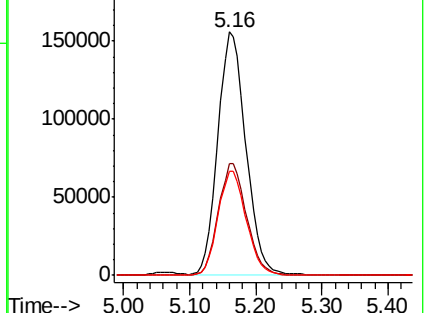
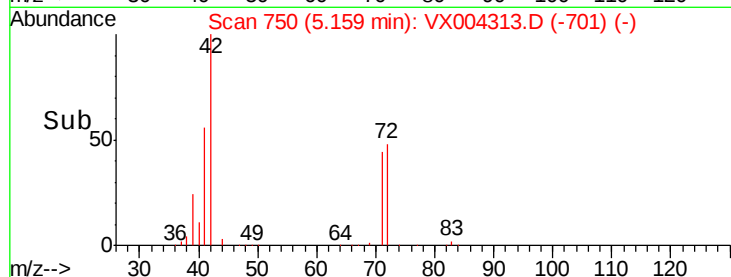
71 43.2 34.5 51.7



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: 53.04 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX004313.D

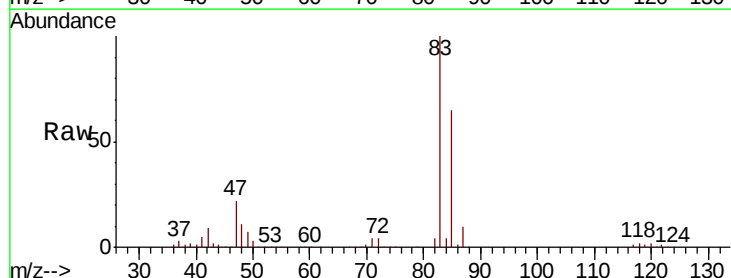
Acq: 30 Aug 2018 01:11

Tgt Ion: 83 Resp: 327143

Ion Ratio Lower Upper

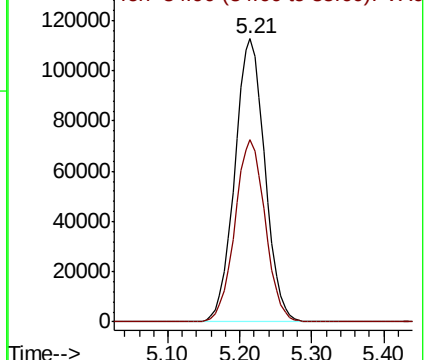
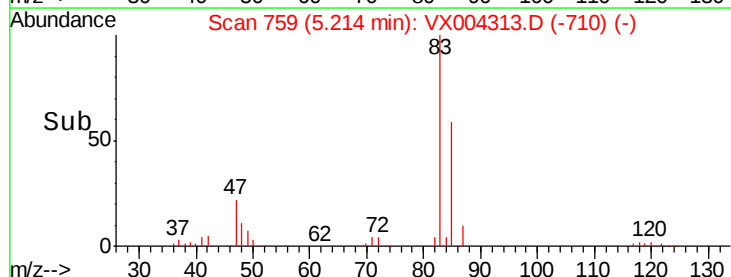
83 100

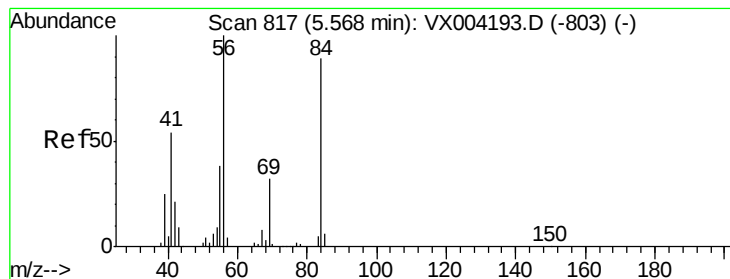
85 64.5 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 49.79 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

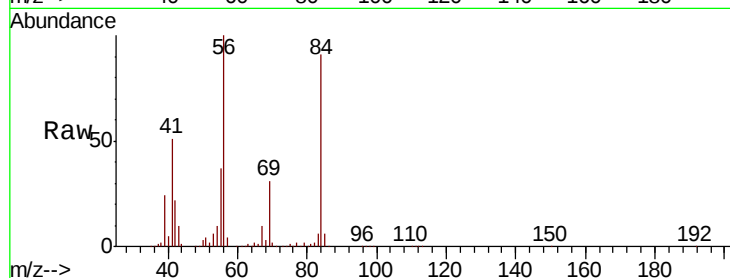
Tot Ion: 56 Resp: 264296

Ion Ratio Lower Upper

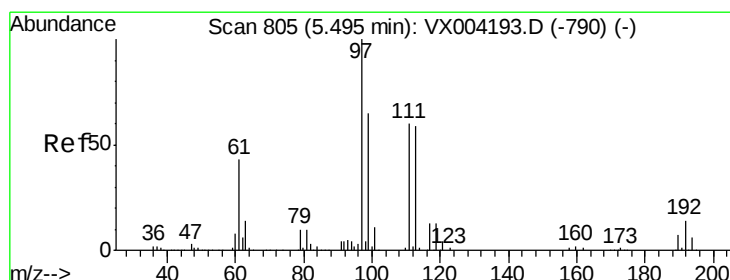
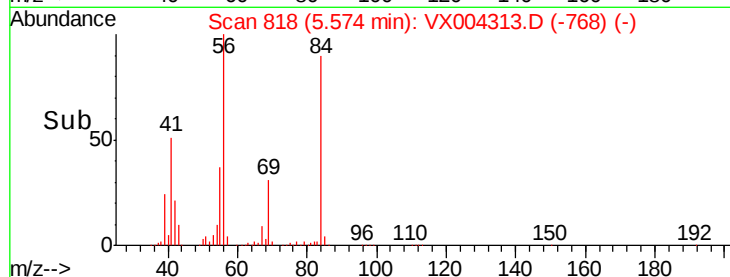
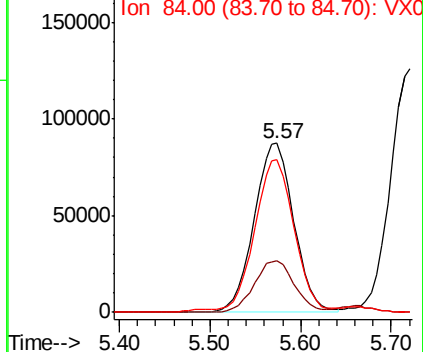
56 100

69 30.8 25.4 38.2

84 89.4 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: 52.48 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

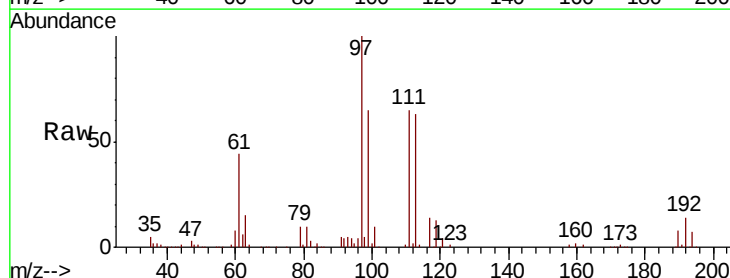
Tgt Ion: 97 Resp: 269934

Ion Ratio Lower Upper

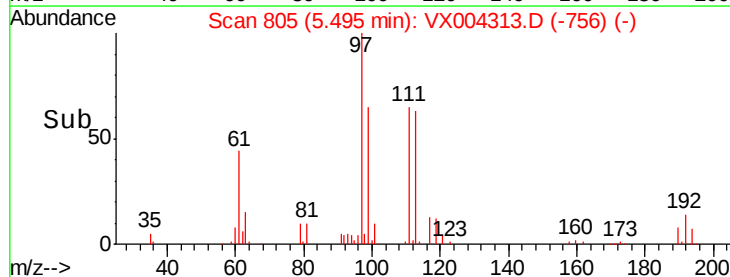
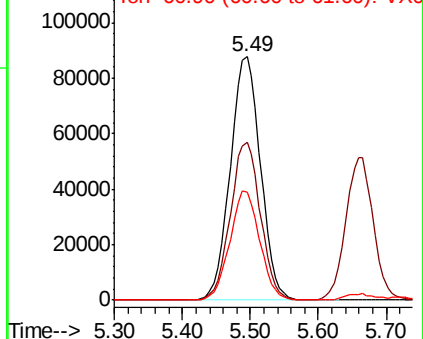
97 100

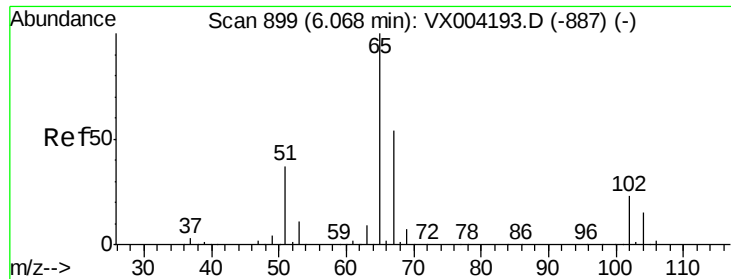
99 64.5 52.0 78.0

61 44.4 34.9 52.3



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

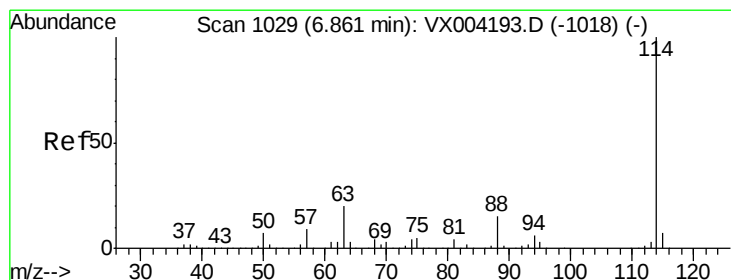
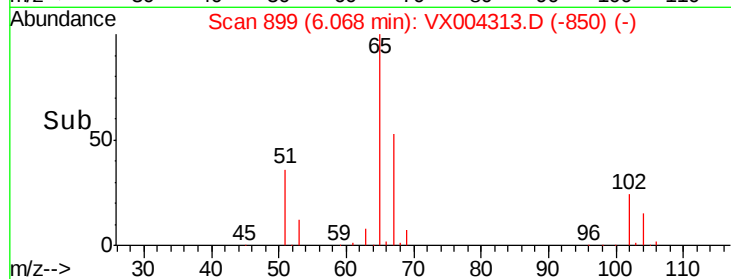
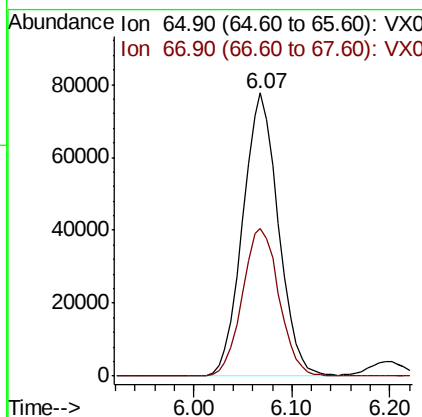
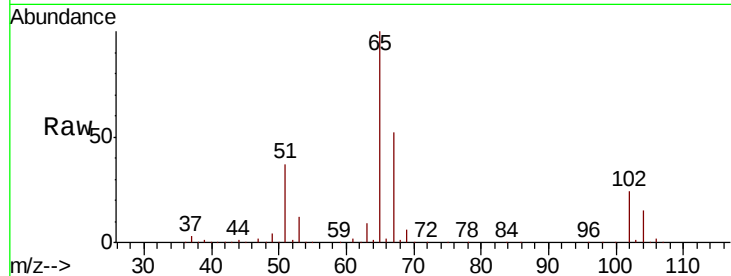




#33
 1,2-Dichloroethane-d4
 Concen: 51.74 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

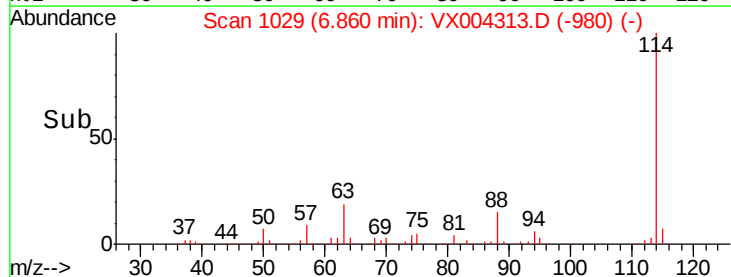
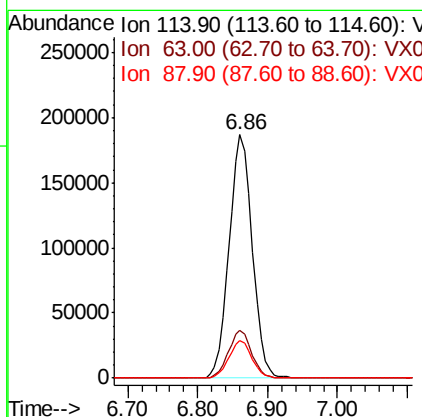
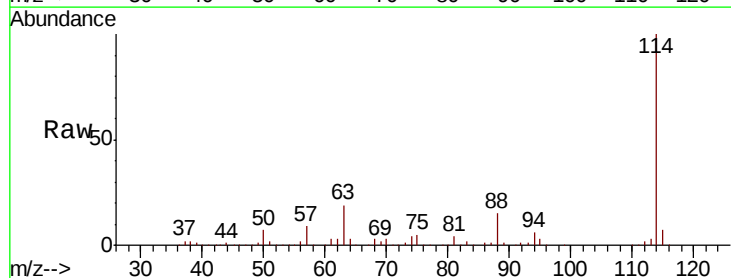
Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M12W4-082_18MS

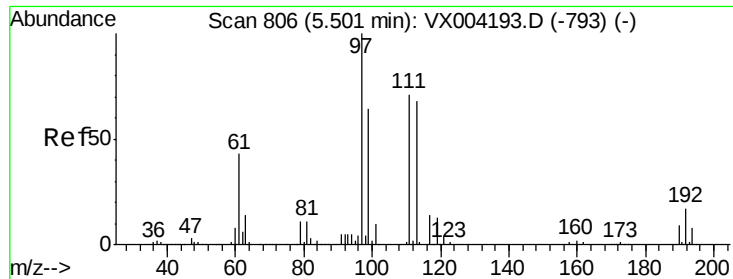
Tot Ion: 65 Resp: 195880
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

Tgt Ion: 114 Resp: 429680
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.5 0.0 30.4

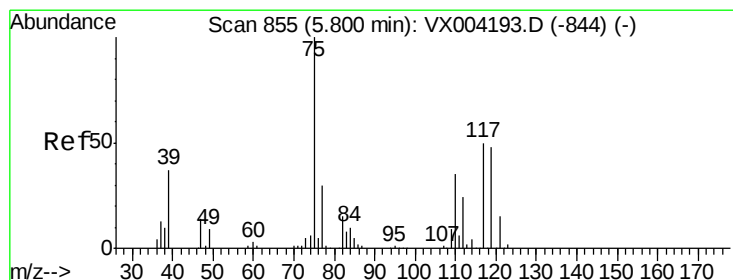
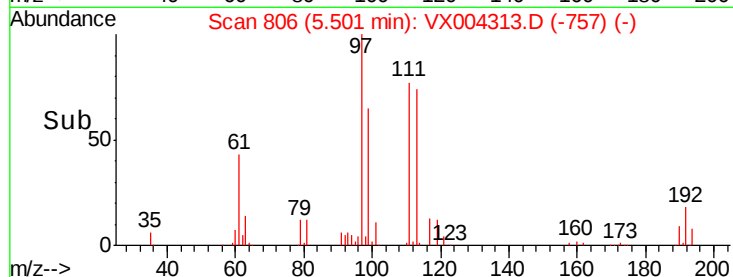
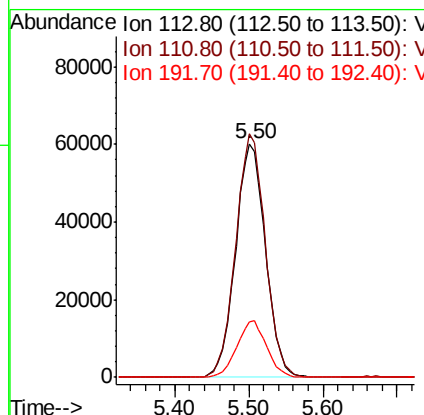
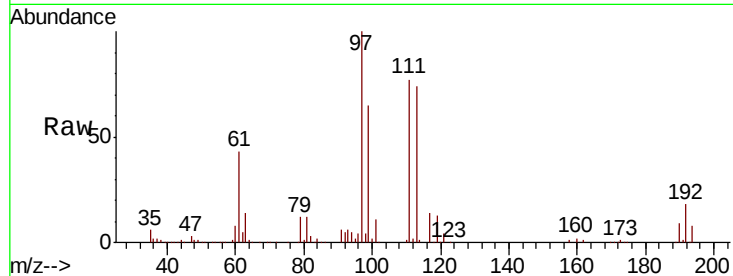




#35
 Dibromofluoromethane
 Concen: 53.13 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

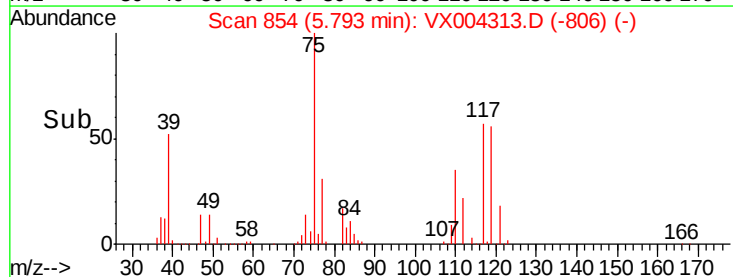
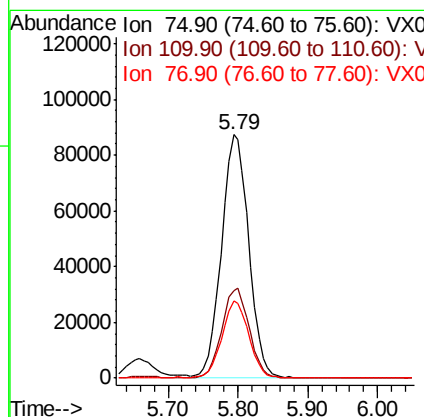
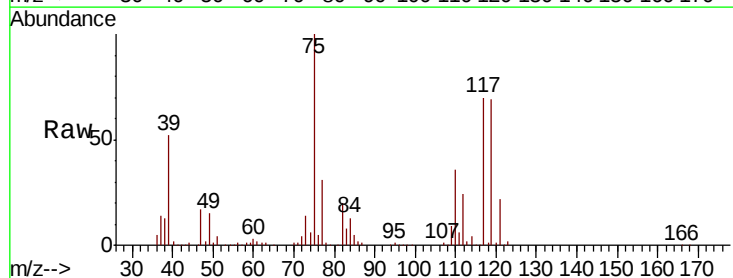
Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M12W4-082_18MS

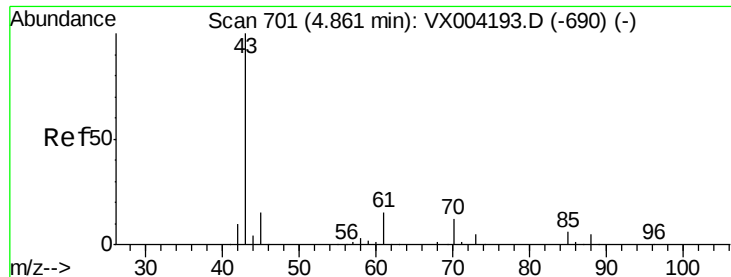
Tot Ion:113 Resp: 169843
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.4 123.6
 192 23.9 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 48.77 ug/l
 RT: 5.79 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

Tgt Ion: 75 Resp: 235573
 Ion Ratio Lower Upper
 75 100
 110 37.2 18.0 54.0
 77 31.5 24.6 36.8

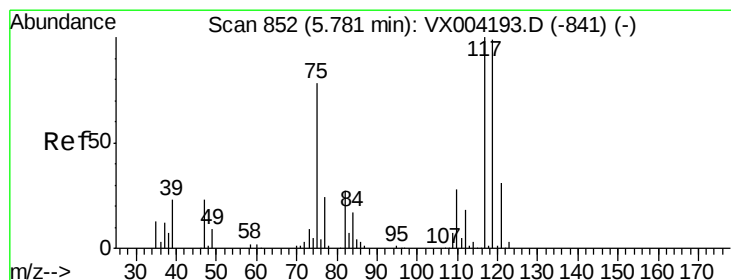
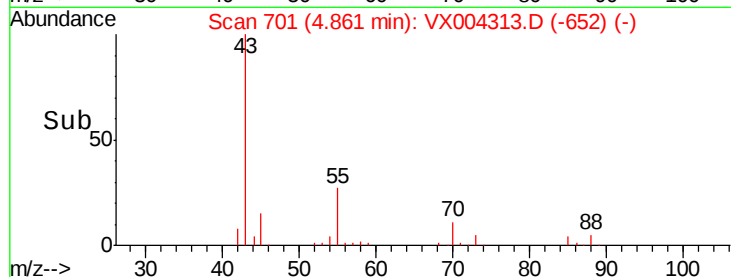
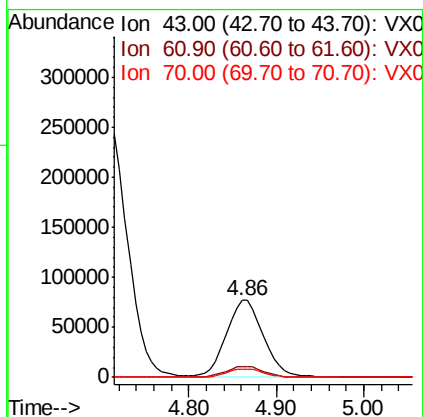
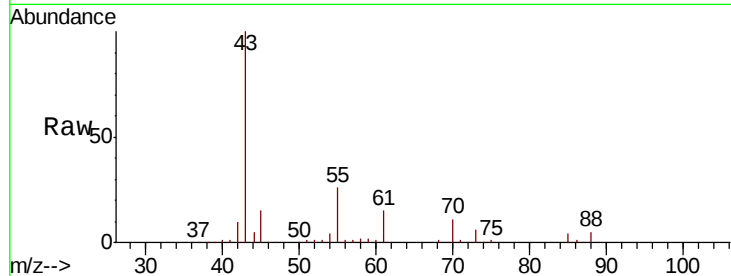




#37
Ethyl Acetate
Concen: 47.57 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

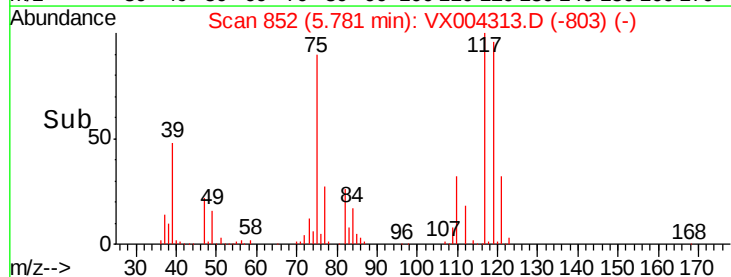
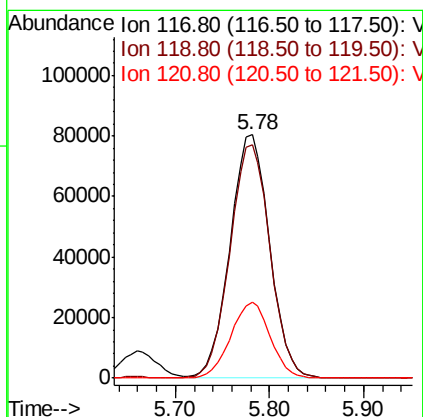
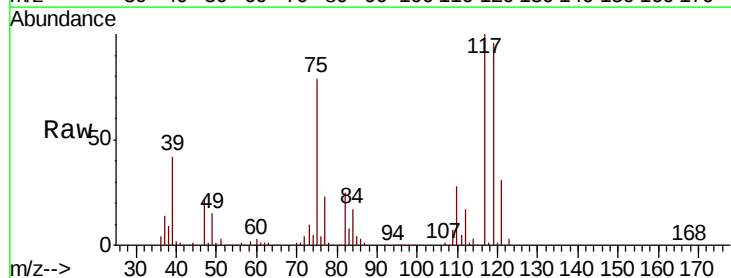
Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05S-M12W4-082_18MS

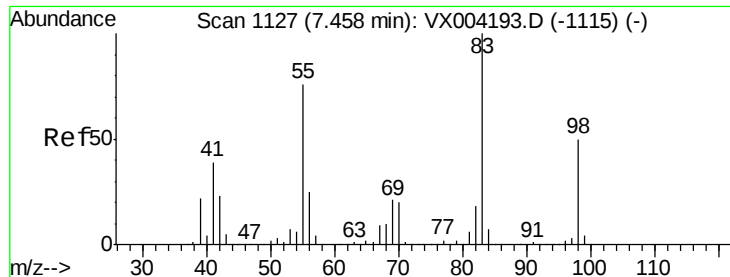
Tot Ion: 43 Resp: 225994
Ion Ratio Lower Upper
43 100
61 14.7 11.5 17.3
70 11.3 9.0 13.6



#38
Carbon Tetrachloride
Concen: 51.71 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

Tgt Ion: 117 Resp: 234998
Ion Ratio Lower Upper
117 100
119 95.8 78.8 118.2
121 31.4 24.9 37.3

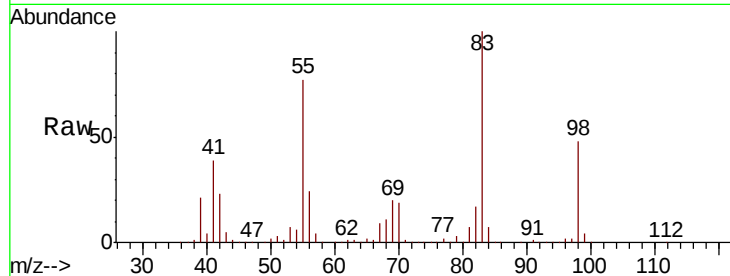




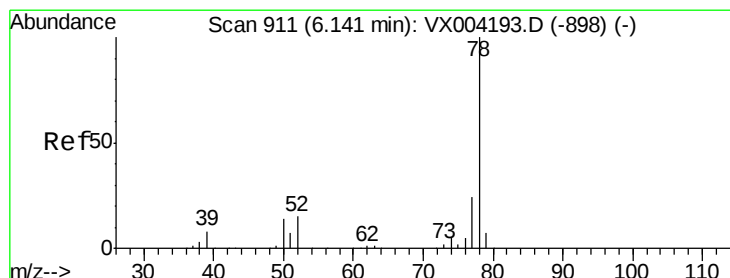
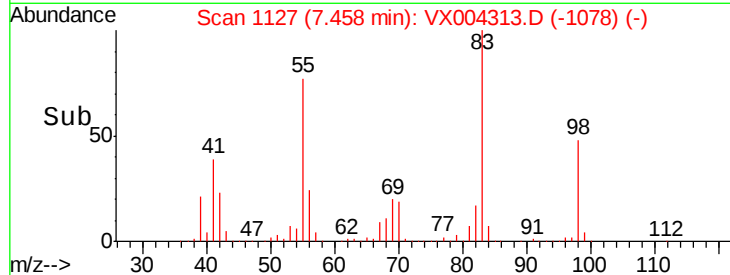
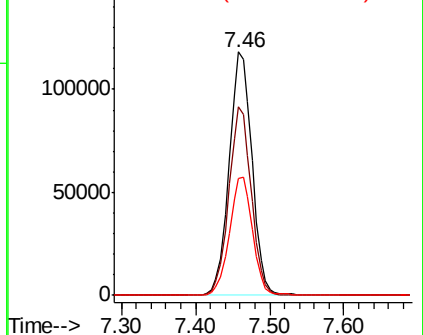
#39
Methvlcvclohexane
Concen: 46.07 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05S-M12W4-082_18MS

Tot Ion: 83 Resp: 254099
Ion Ratio Lower Upper
83 100
55 77.2 61.0 91.4
98 48.1 39.6 59.4

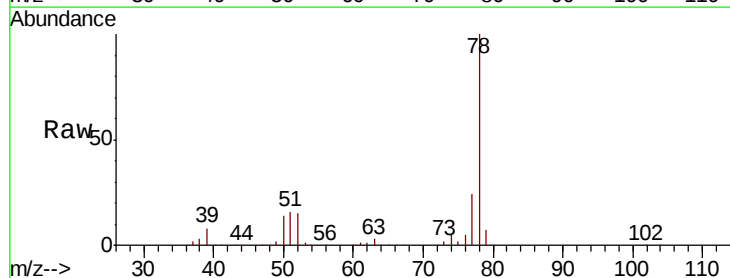


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

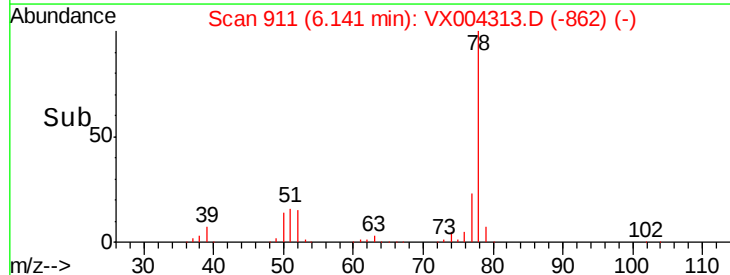
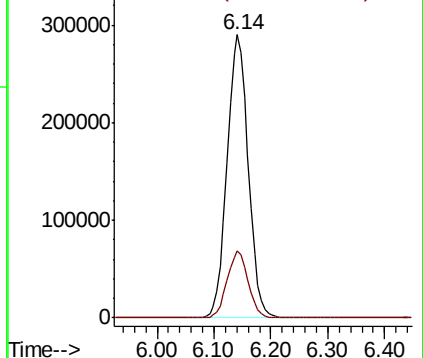


#40
Benzene
Concen: 52.01 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

Tgt Ion: 78 Resp: 750679
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4



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





#41

Methacrylonitrile

Concen: 54.36 ug/l

RT: 5.06 min Scan# 734

Delta R.T. -0.00 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion: 41 Resp: 149702

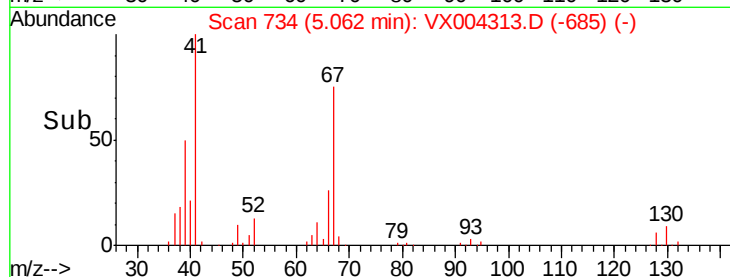
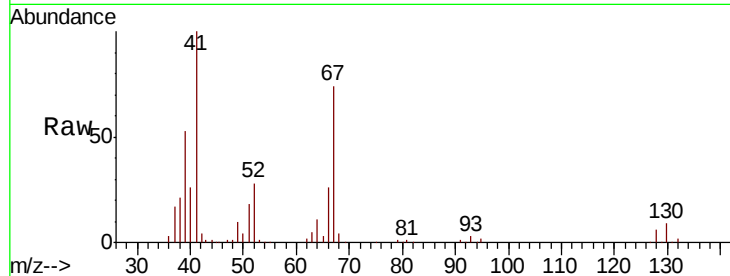
Ion Ratio Lower Upper

41 100

39 53.6 42.4 63.6

67 74.5 59.2 88.8

52 28.4 23.0 34.4

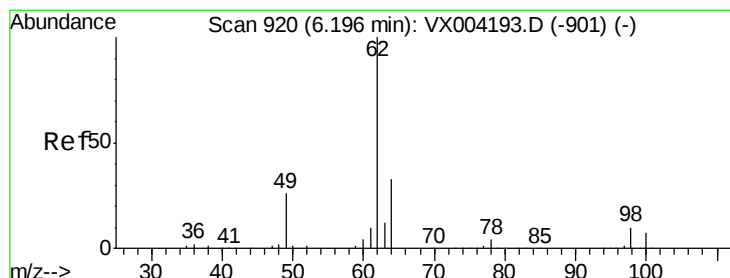
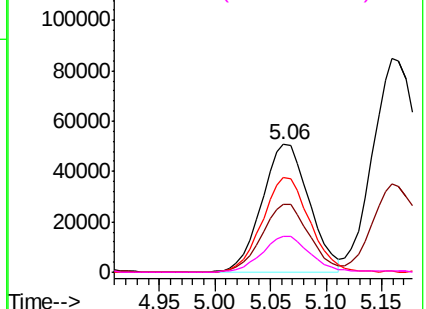


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 51.58 ug/l

RT: 6.20 min Scan# 920

Delta R.T. -0.00 min

Lab File: VX004313.D

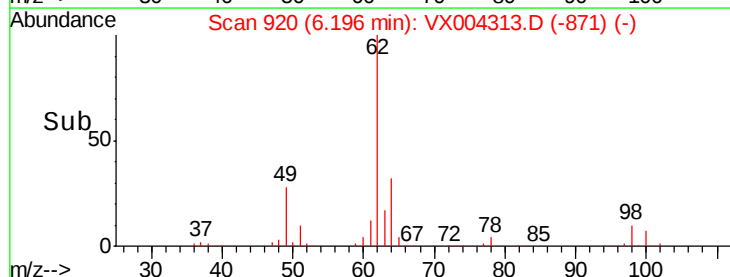
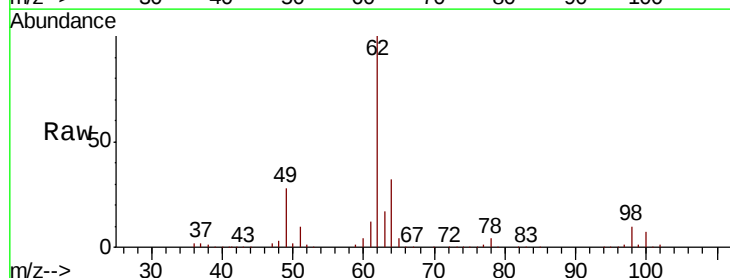
Acq: 30 Aug 2018 01:11

Tgt Ion: 62 Resp: 253965

Ion Ratio Lower Upper

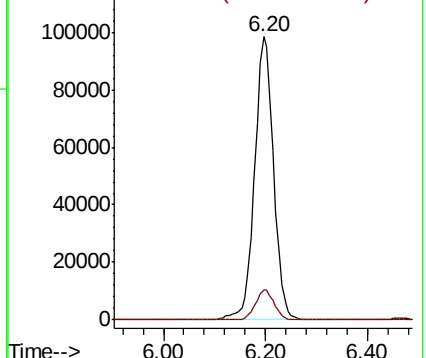
62 100

98 10.4 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



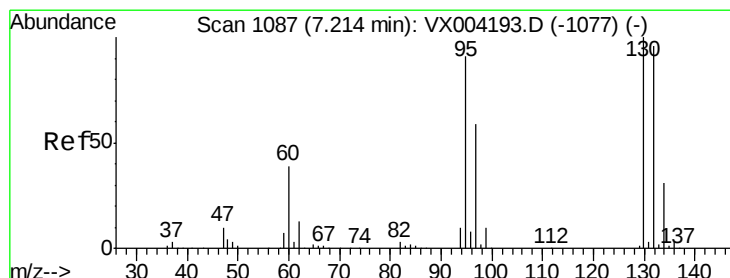
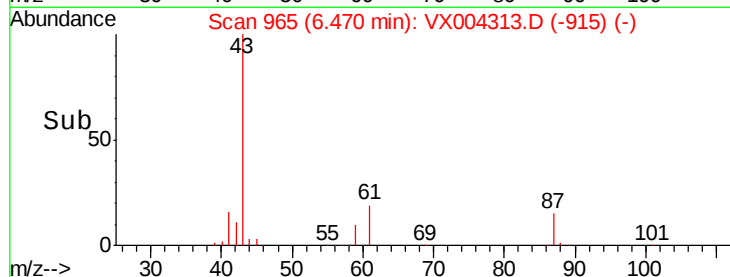
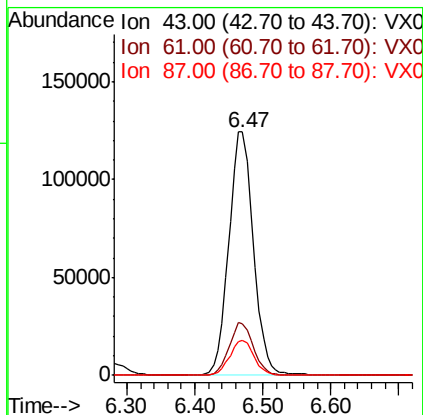
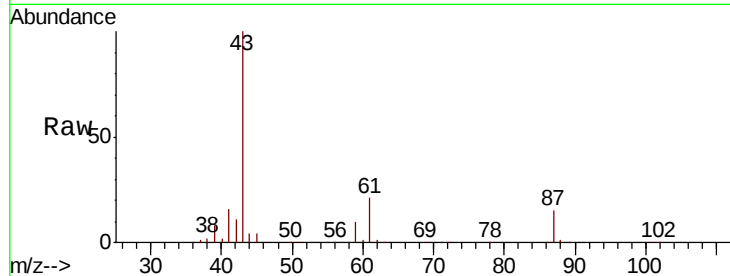


#43

Isopropyl Acetate
 Concen: 42.53 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.01 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M12W4-082_18MS

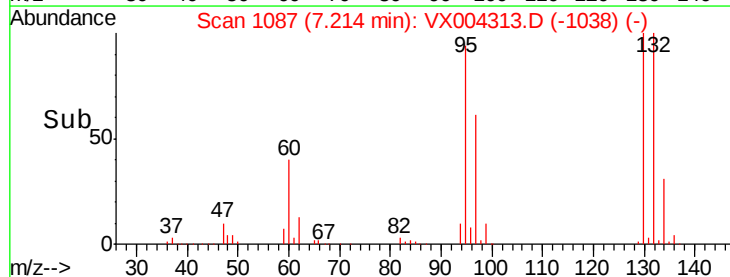
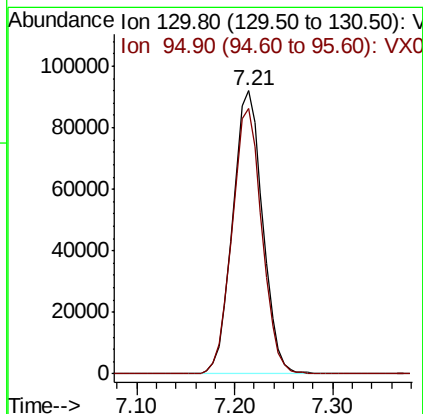
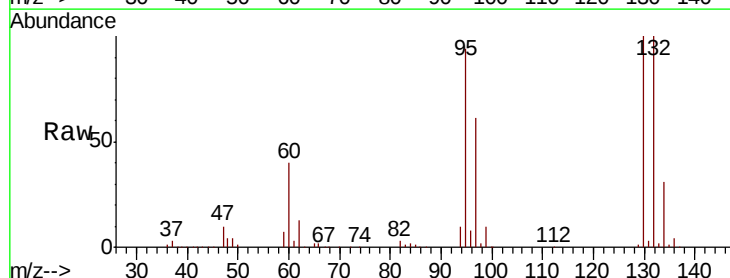
Tot Ion: 43 Resp: 310475
 Ion Ratio Lower Upper
 43 100
 61 21.2 17.0 25.4
 87 14.3 11.4 17.2

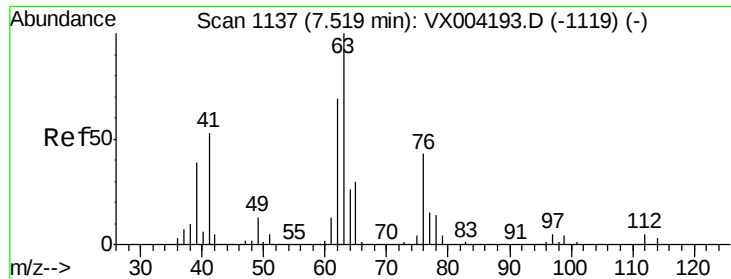


#44

Trichloroethene
 Concen: 48.98 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

Tgt Ion:130 Resp: 195680
 Ion Ratio Lower Upper
 130 100
 95 93.9 0.0 181.6

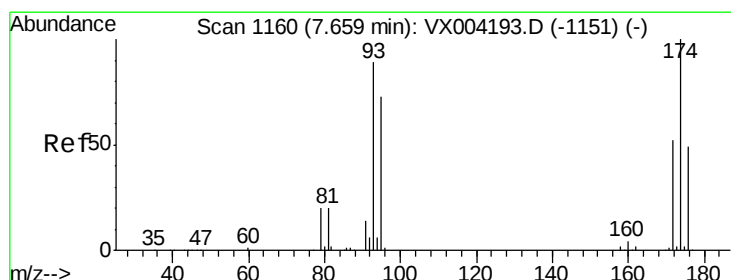
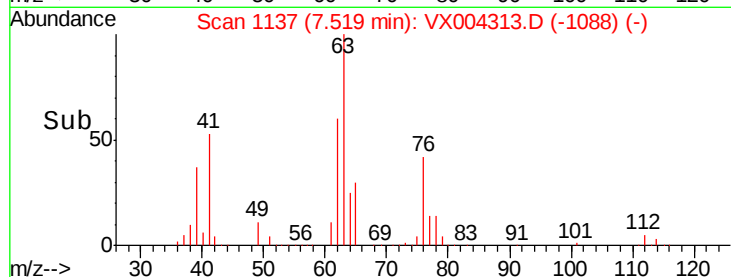
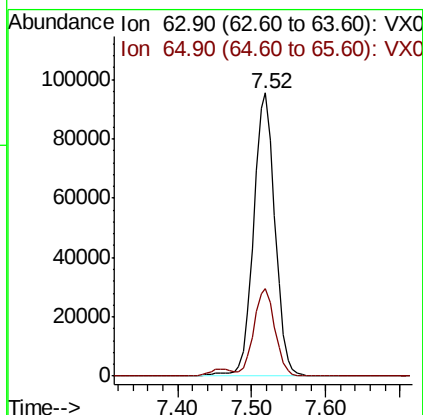
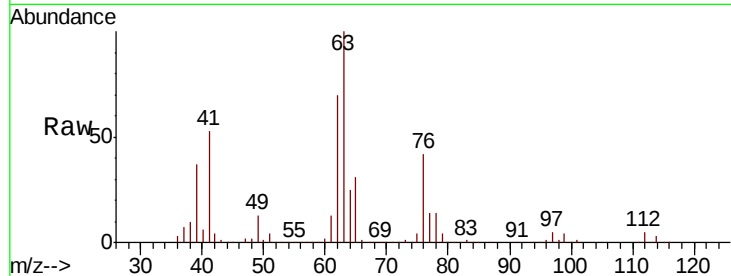




#45
 1,2-Dichloropropane
 Concen: 53.43 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

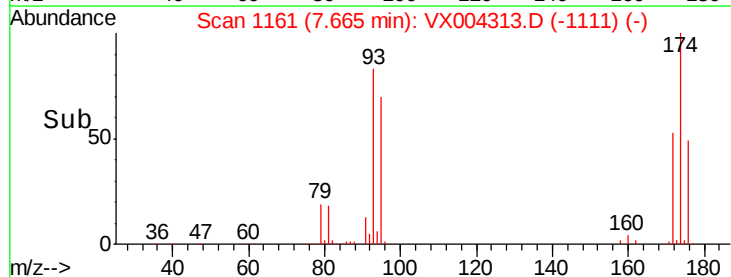
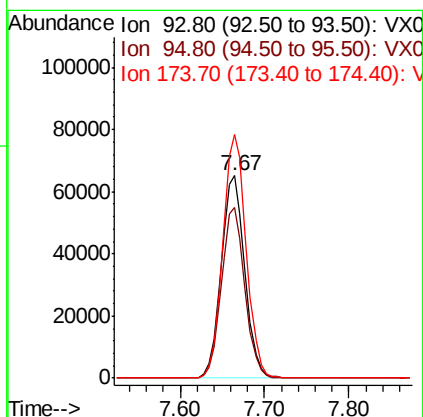
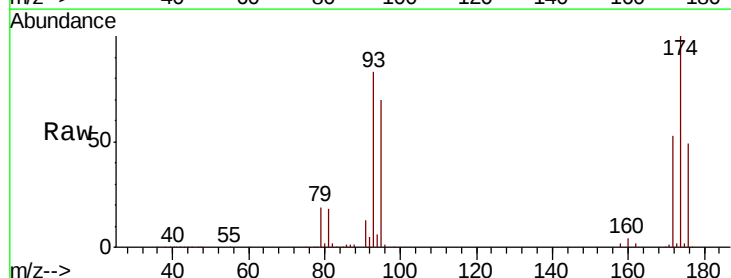
Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M12W4-082_18MS

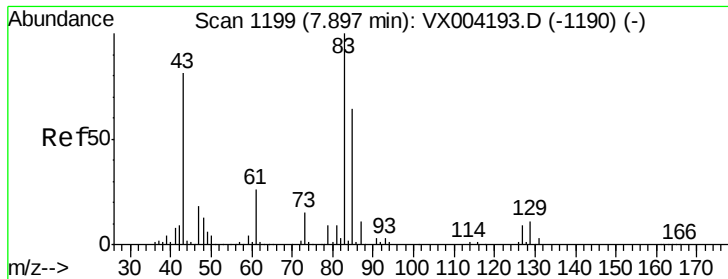
Tot Ion: 63 Resp: 193018
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.3 36.5



#46
 Dibromomethane
 Concen: 51.88 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.01 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

Tgt Ion: 93 Resp: 124793
 Ion Ratio Lower Upper
 93 100
 95 83.9 65.5 98.3
 174 119.6 94.2 141.4





#47

Bromodichloromethane

Concen: 53.84 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.01 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

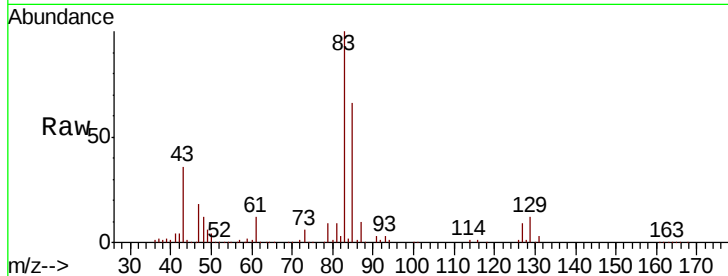
Tot Ion: 83 Resp: 240971

Ion Ratio Lower Upper

83 100

85 65.5 50.9 76.3

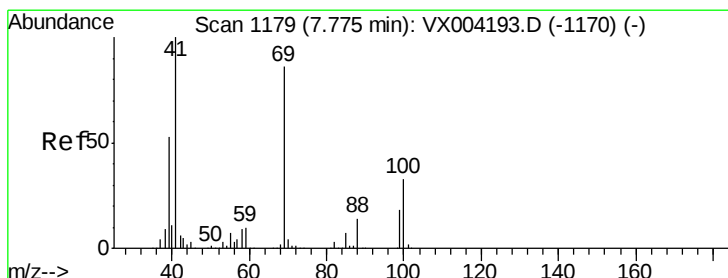
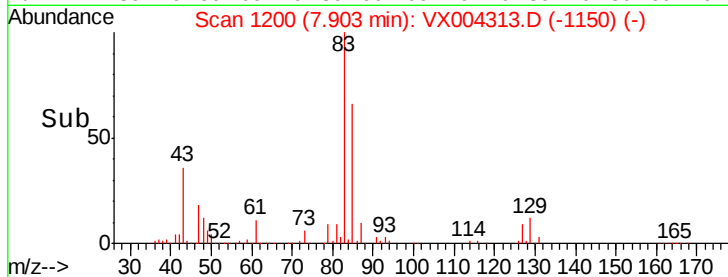
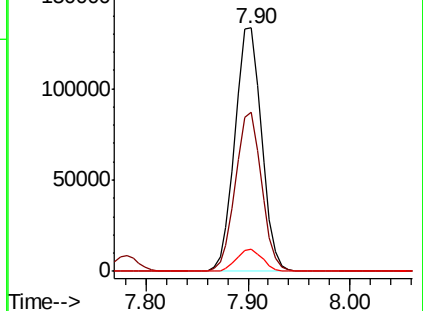
127 8.9 7.3 10.9



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: 55.11 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

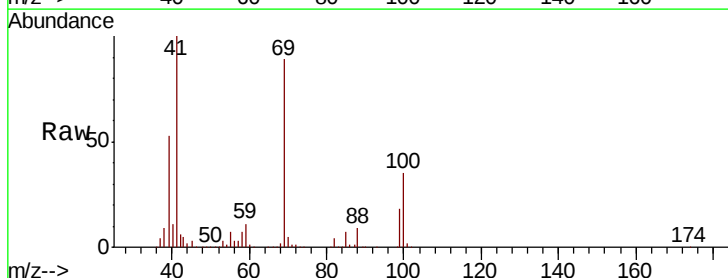
Tgt Ion: 41 Resp: 215283

Ion Ratio Lower Upper

41 100

69 88.6 70.2 105.4

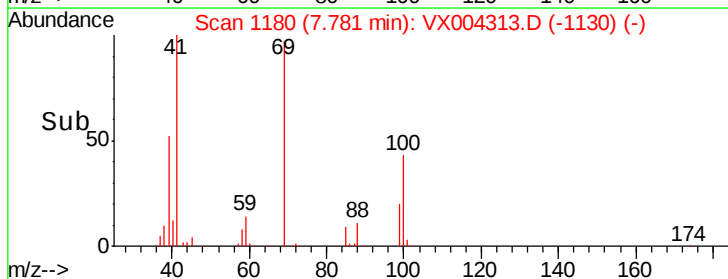
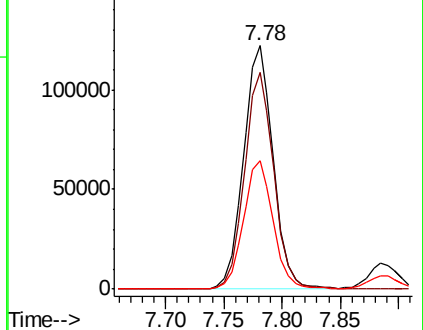
39 52.6 42.7 64.1

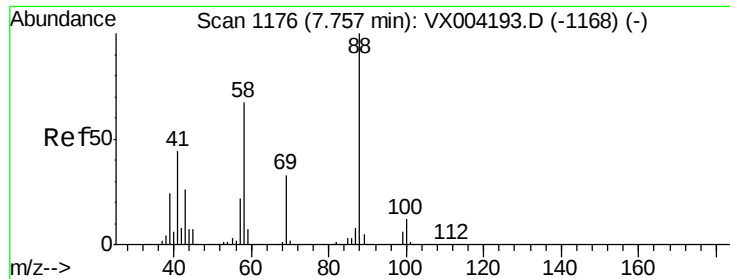


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

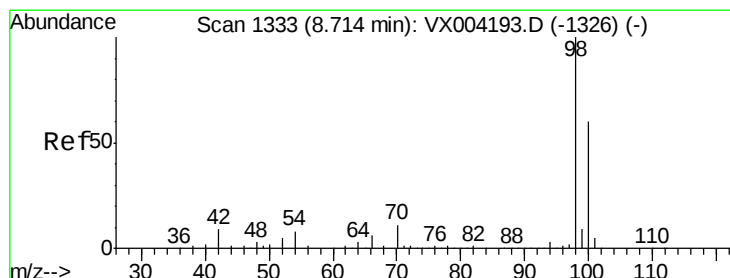
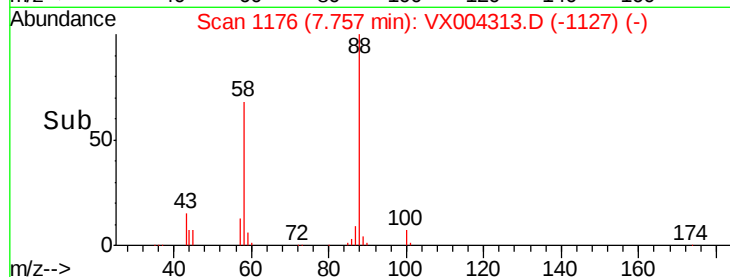
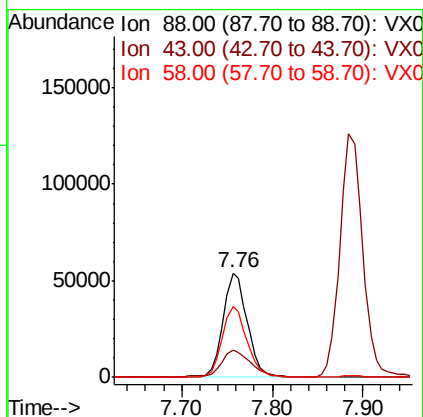
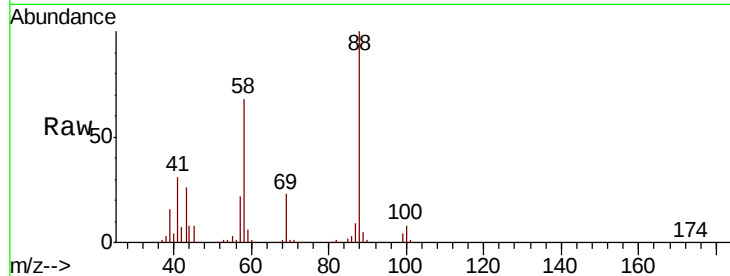




#49
1,4-Dioxane
Concen: 1126.68 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

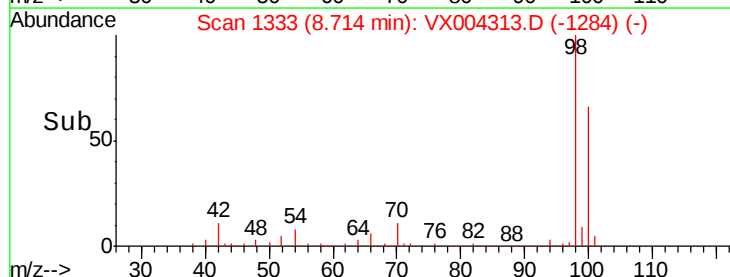
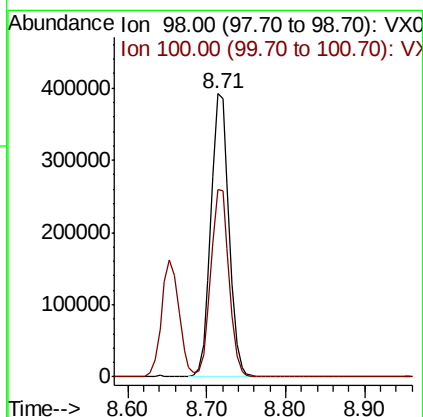
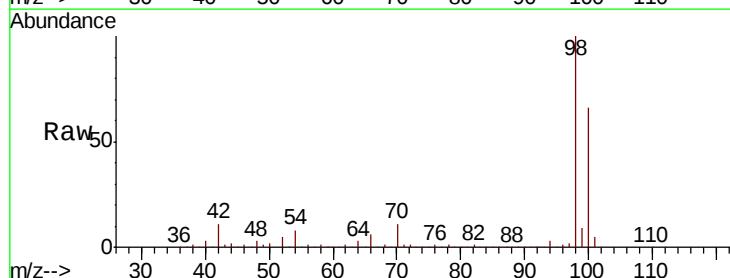
Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05S-M12W4-082_18MS

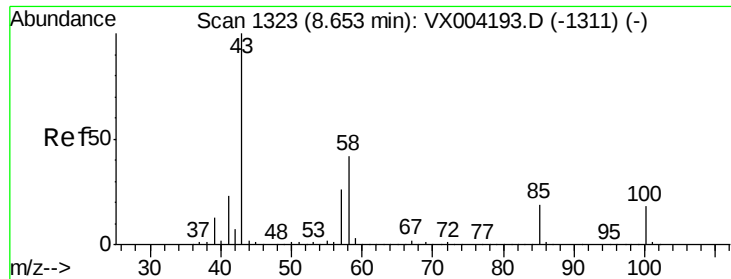
Tot Ion: 88 Resp: 99921
Ion Ratio Lower Upper
88 100
43 31.2 24.7 37.1
58 70.0 55.3 82.9



#50
Toluene-d8
Concen: 51.98 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

Tgt Ion: 98 Resp: 627140
Ion Ratio Lower Upper
98 100
100 66.6 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 267.18 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

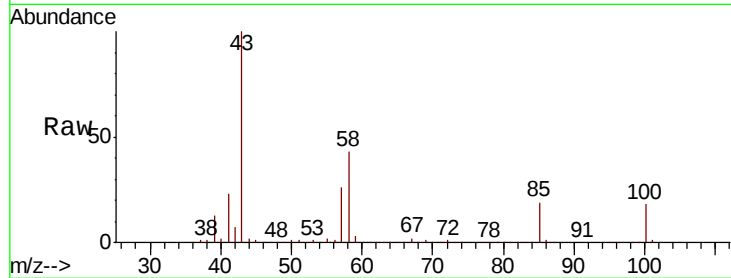
CPA-CPMW05S-M12W4-082_18MS

Tot Ion: 43 Resp: 1417153

Ion Ratio Lower Upper

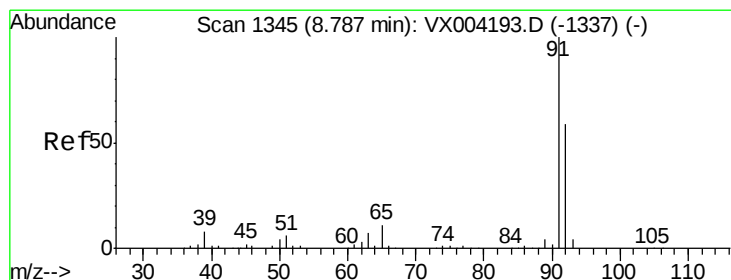
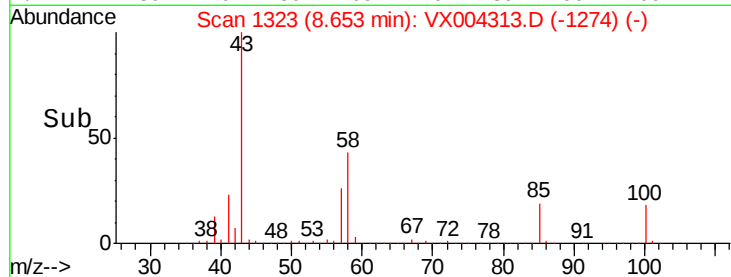
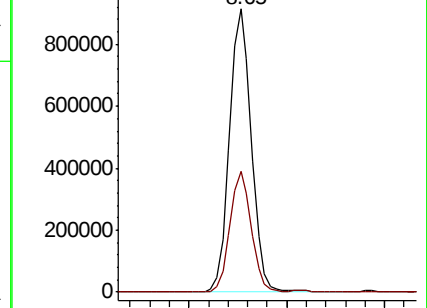
43 100

58 41.6 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: 51.56 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004313.D

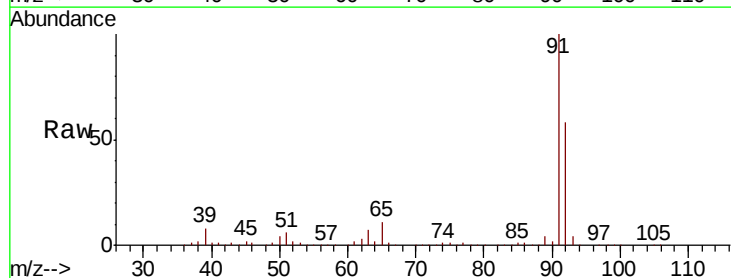
Acq: 30 Aug 2018 01:11

Tgt Ion: 92 Resp: 465860

Ion Ratio Lower Upper

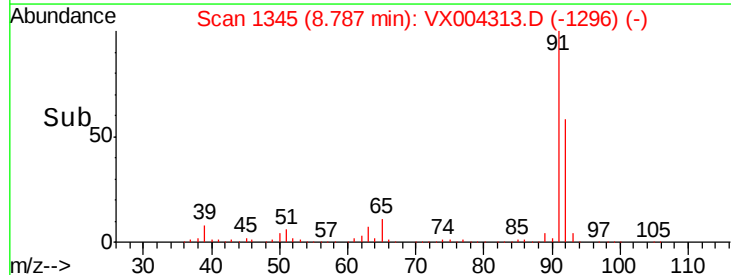
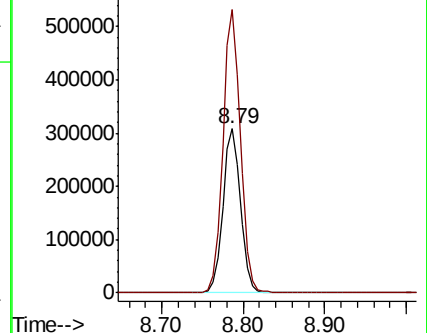
92 100

91 171.7 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

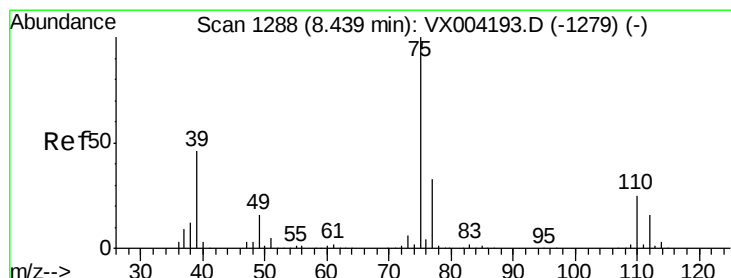
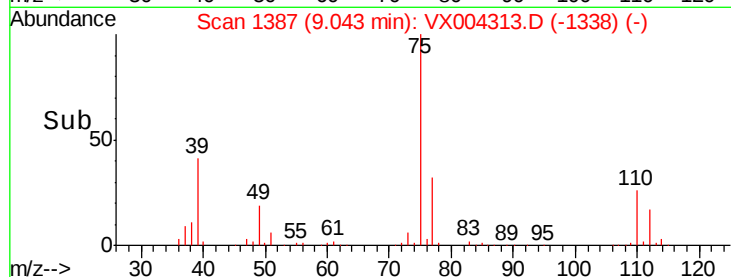
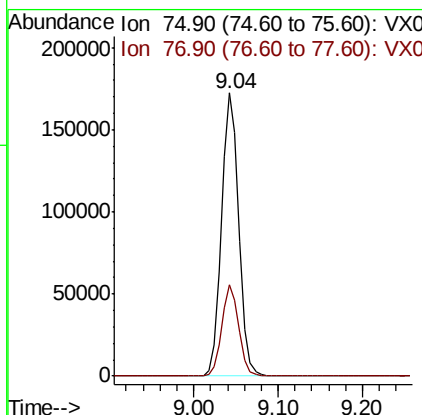
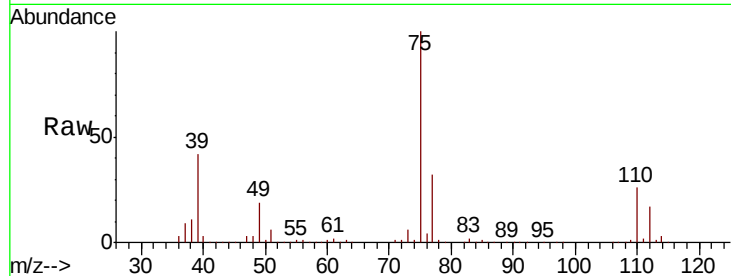




#53
 t-1,3-Dichloropropene
 Concen: 49.31 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

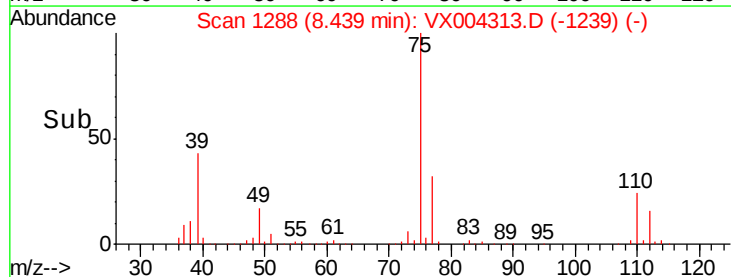
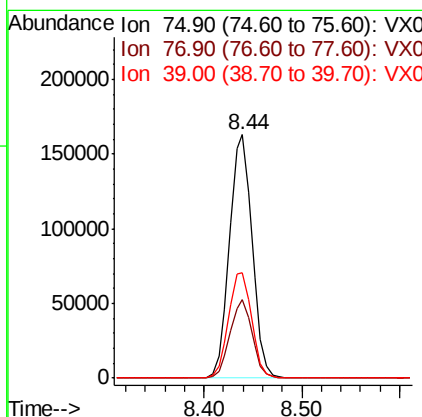
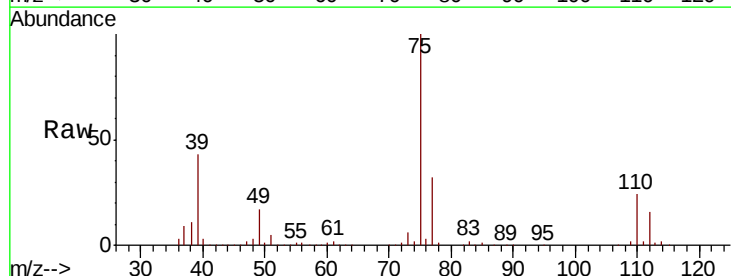
Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M12W4-082_18MS

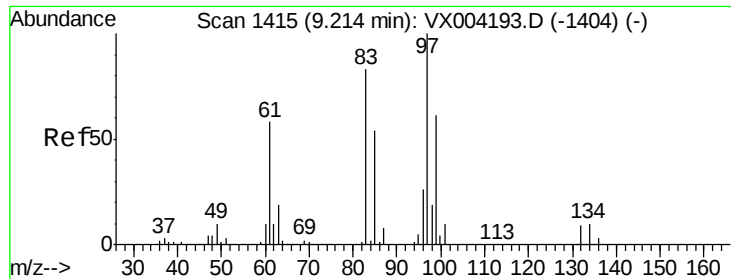
Tot Ion: 75 Resp: 243760
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 48.66 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

Tgt Ion: 75 Resp: 262024
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.2 39.2
 39 43.0 36.4 54.6

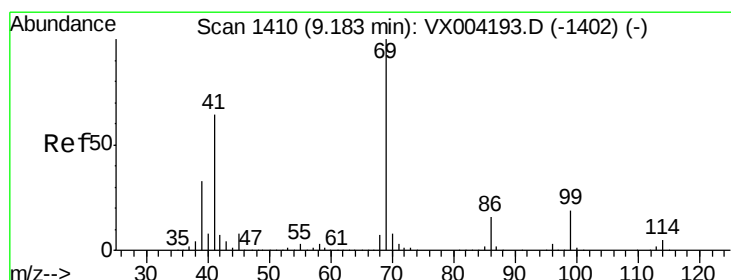
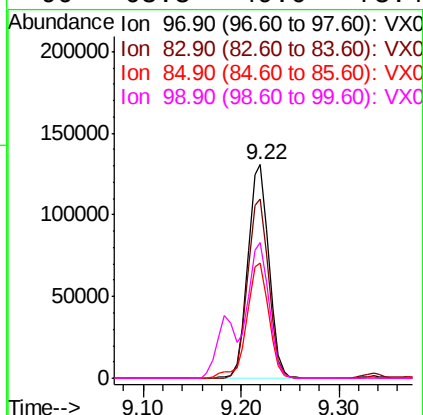
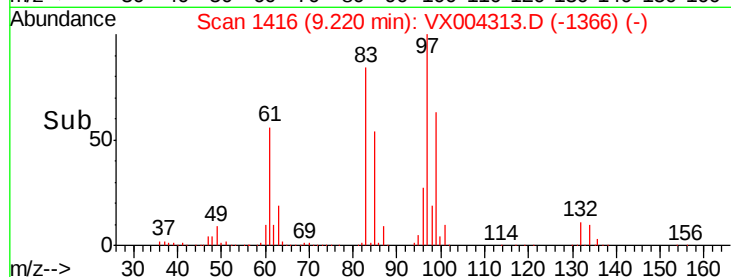
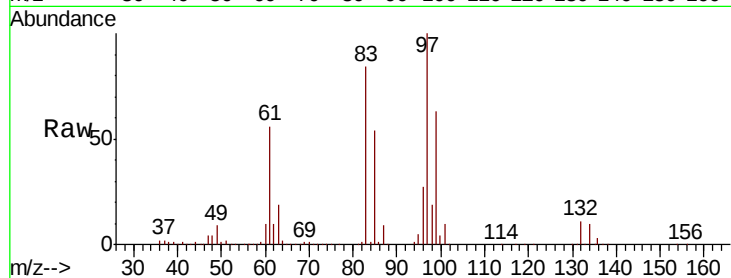




#55
 1,1,2-Trichloroethane
 Concen: 53.24 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.01 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

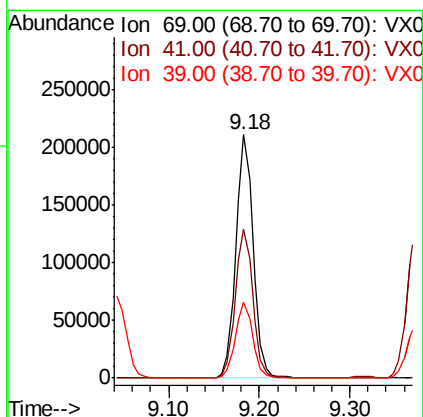
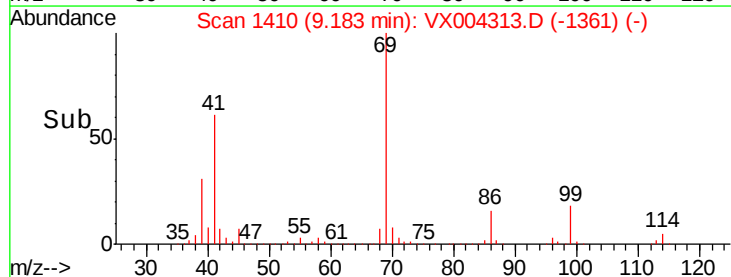
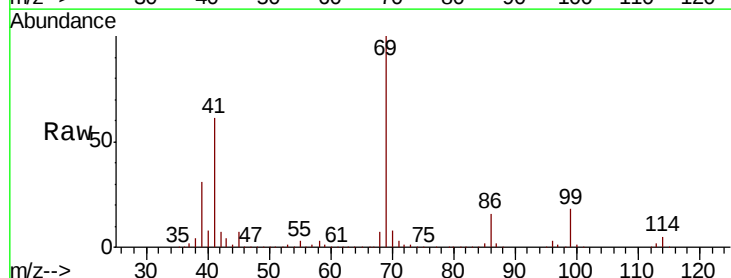
Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M12W4-082_18MS

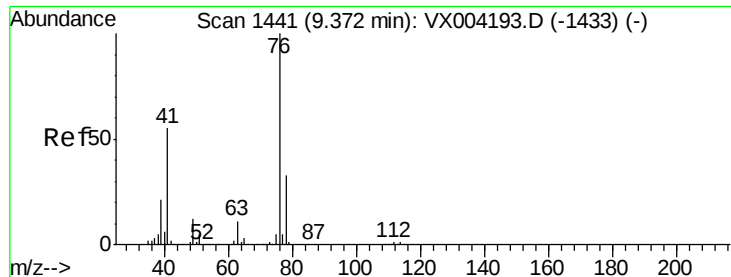
Tot Ion:	97	Resp:	194198
Ion	Ratio	Lower	Upper
97	100		
83	84.2	66.4	99.6
85	54.1	43.3	64.9
99	63.3	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 56.28 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

Tgt Ion:	69	Resp:	279449
Ion	Ratio	Lower	Upper
69	100		
41	62.2	51.0	76.4
39	31.2	26.1	39.1





#57

1,3-Dichloropropane

Concen: 53.17 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

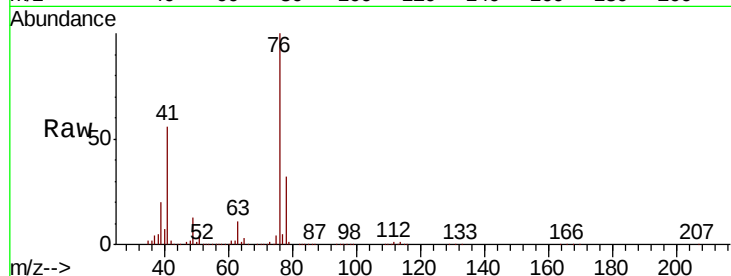
CPA-CPMW05S-M12W4-082_18MS

Tot Ion: 76 Resp: 326905

Ion Ratio Lower Upper

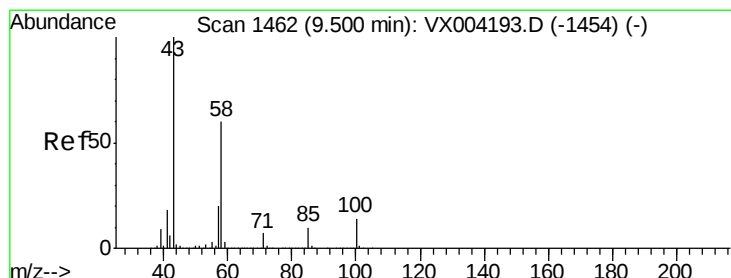
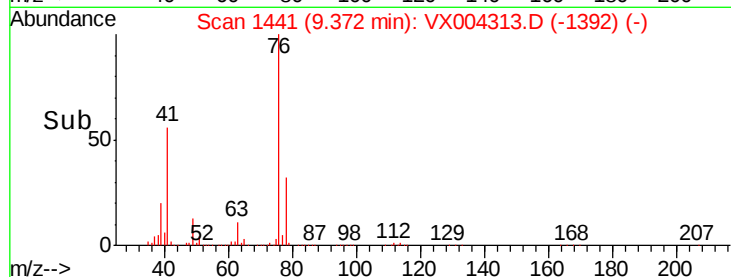
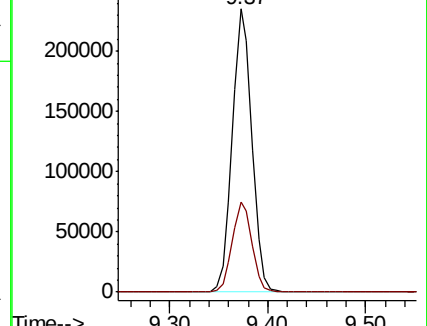
76 100

78 32.1 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 270.05 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VX004313.D

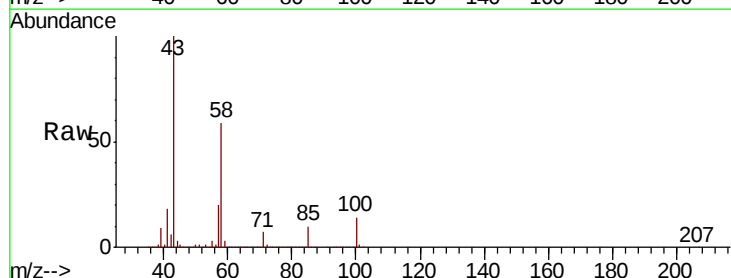
Acq: 30 Aug 2018 01:11

Tgt Ion: 43 Resp: 1092740

Ion Ratio Lower Upper

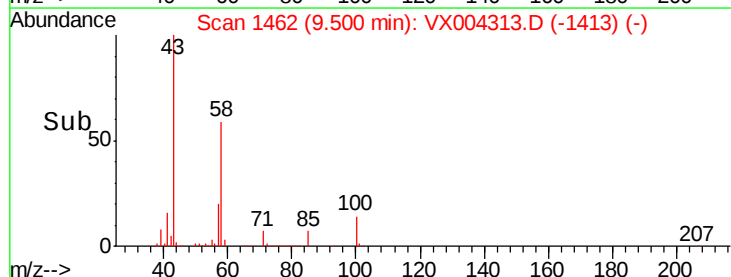
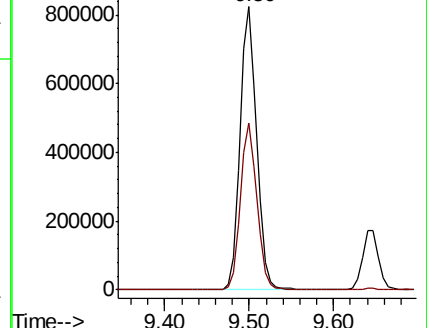
43 100

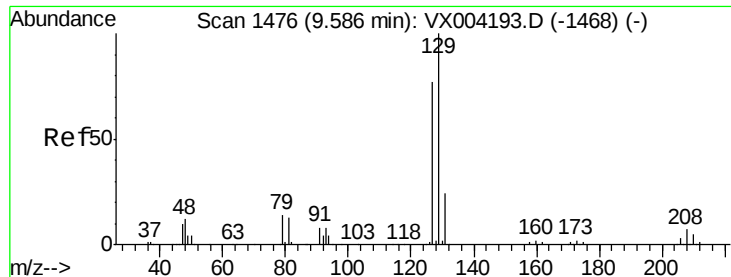
58 58.4 29.0 87.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 54.32 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

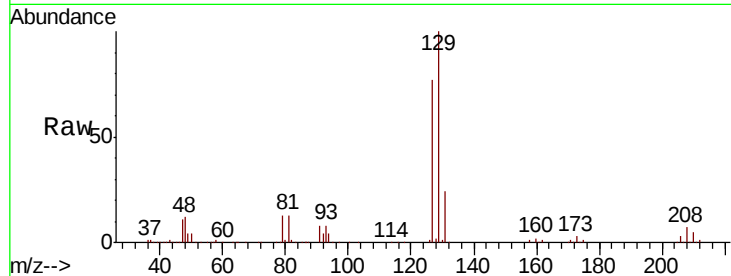
CPA-CPMW05S-M12W4-082_18MS

Tot Ion:129 Resp: 193012

Ion Ratio Lower Upper

129 100

127 77.5 38.5 115.5



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.59

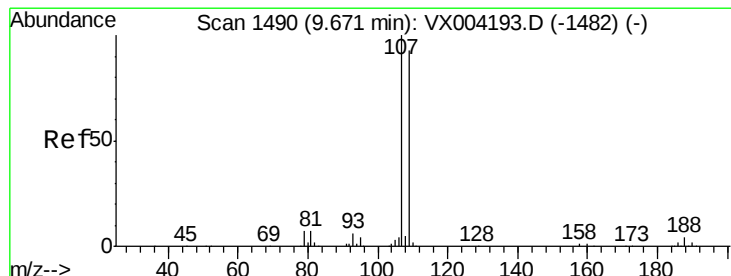
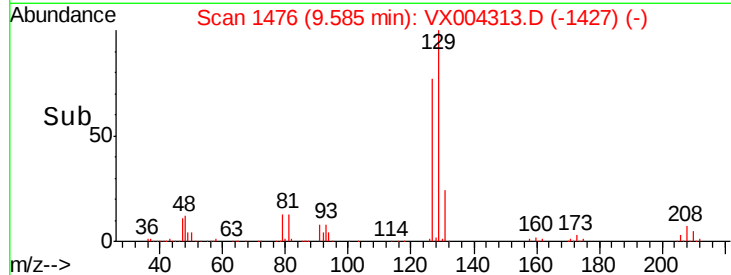
150000

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 51.90 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.00 min

Lab File: VX004313.D

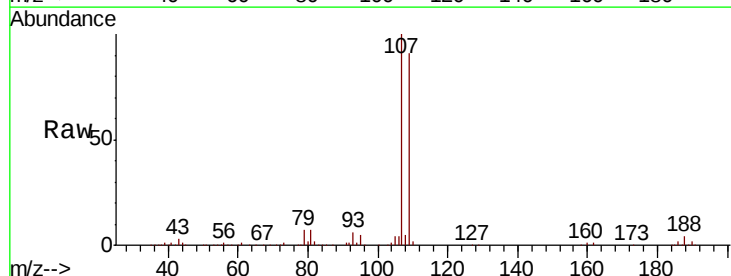
Acq: 30 Aug 2018 01:11

Tgt Ion:107 Resp: 195911

Ion Ratio Lower Upper

107 100

109 95.5 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

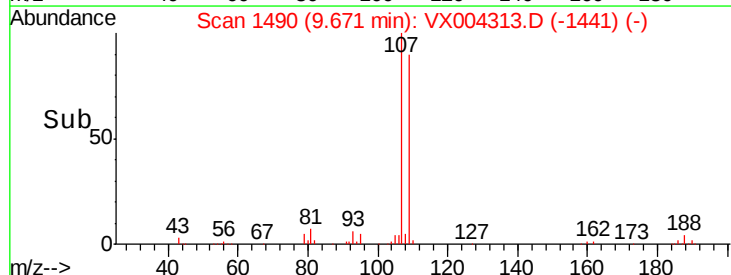
150000

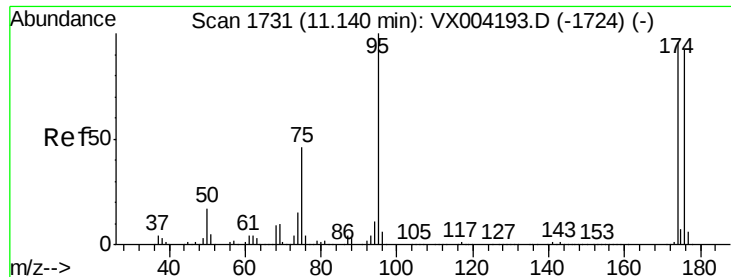
100000

50000

0

Time-->

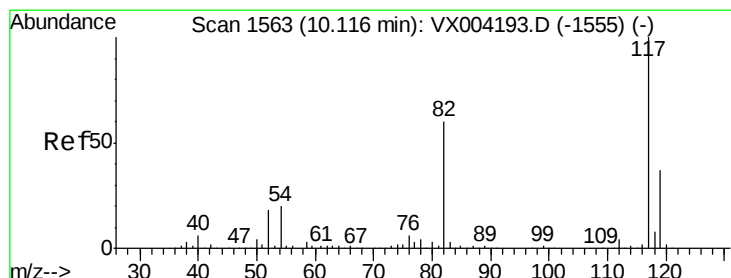
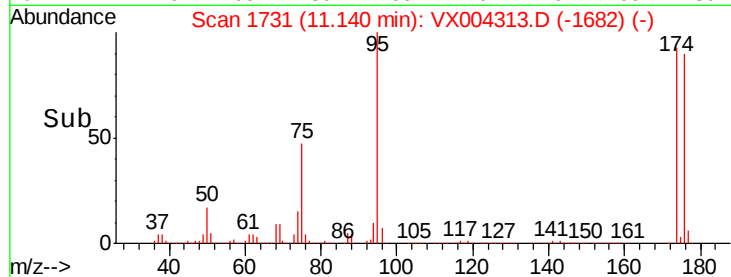
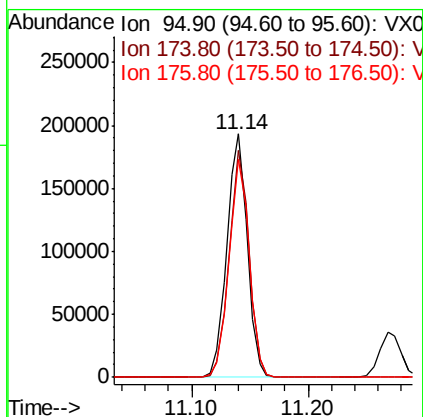
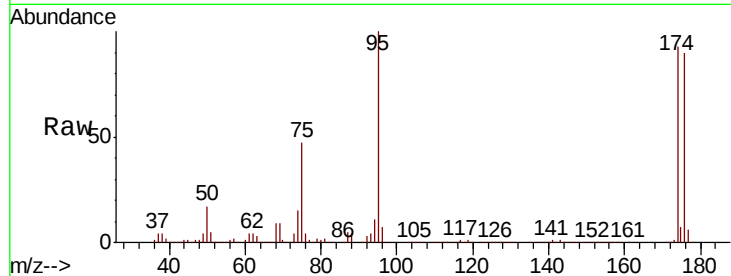




#62
4-Bromofluorobenzene
Concen: 52.09 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

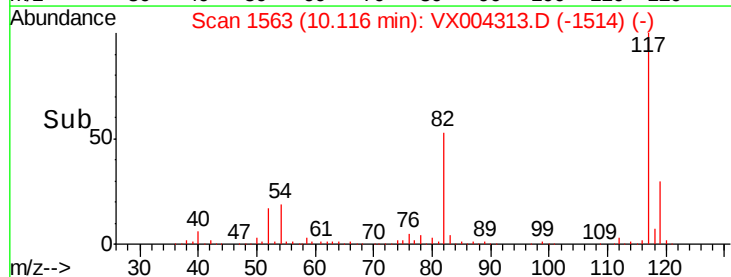
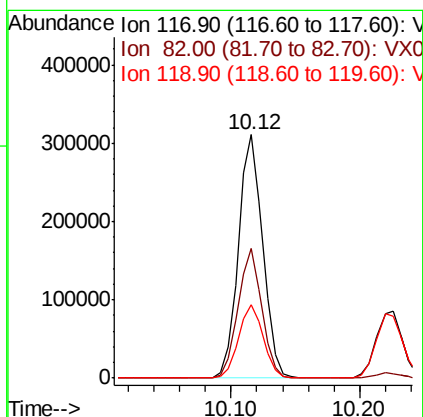
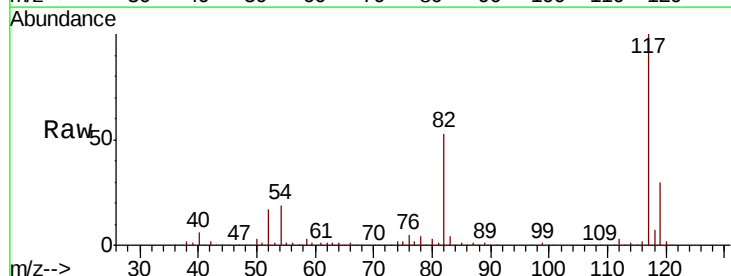
Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05S-M12W4-082_18MS

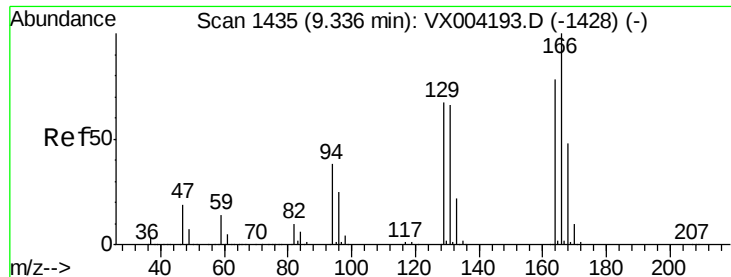
Tot Ion: 95 Resp: 234504
Ion Ratio Lower Upper
95 100
174 91.8 0.0 185.2
176 89.5 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

Tgt Ion: 117 Resp: 405367
Ion Ratio Lower Upper
117 100
82 53.3 47.8 71.6
119 30.2 29.3 43.9





#64

Tetrachloroethene

Concen: 55.50 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.00 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion:164 Resp: 222261

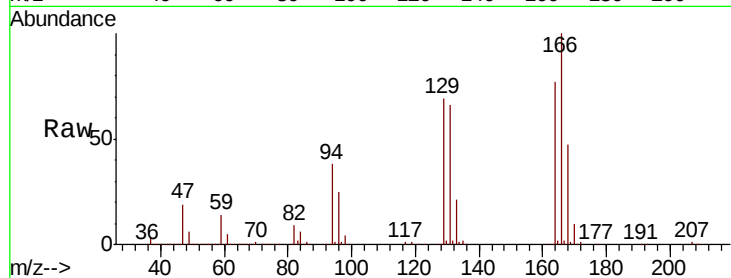
Ion Ratio Lower Upper

164 100

166 129.5 102.8 154.2

129 89.3 69.4 104.0

131 85.3 67.9 101.9

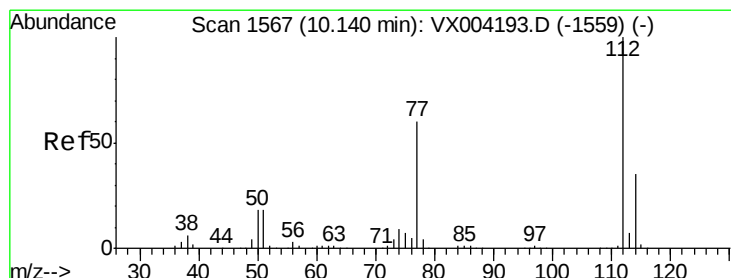
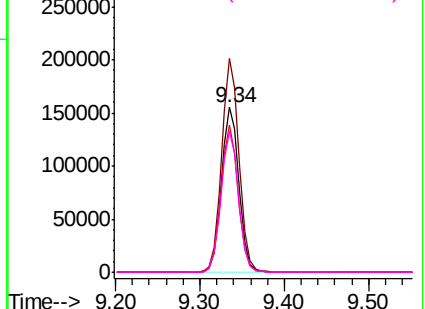
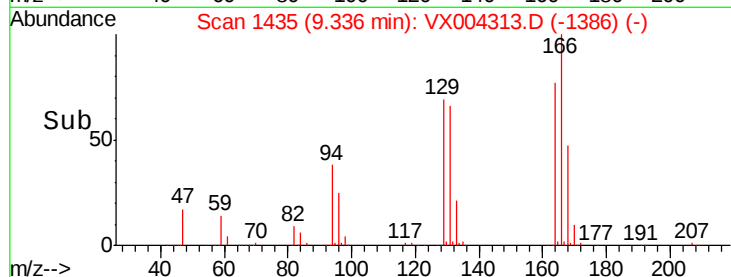


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 47.96 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX004313.D

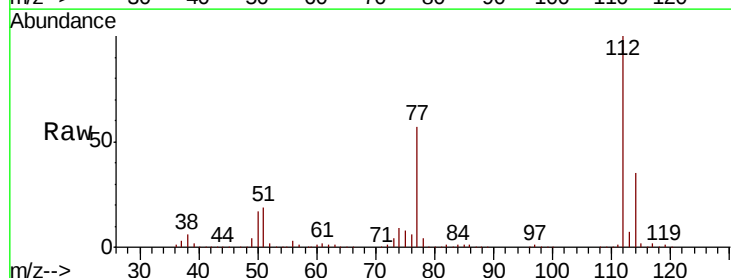
Acq: 30 Aug 2018 01:11

Tgt Ion:112 Resp: 487884

Ion Ratio Lower Upper

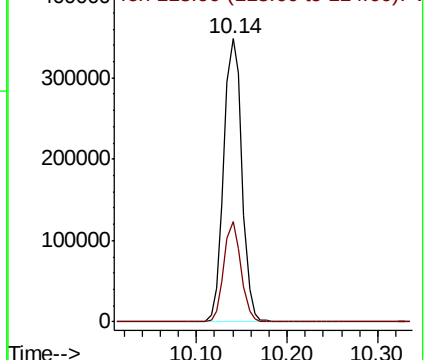
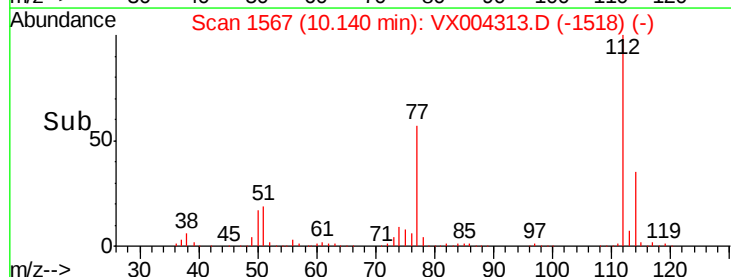
112 100

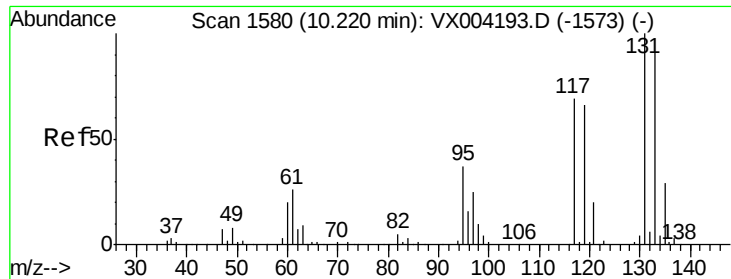
114 35.4 27.8 41.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 52.78 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.01 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

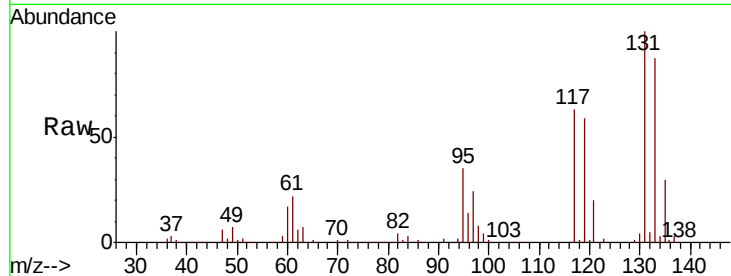
Tot Ion:131 Resp: 185220

Ion Ratio Lower Upper

131 100

133 92.1 48.1 144.4

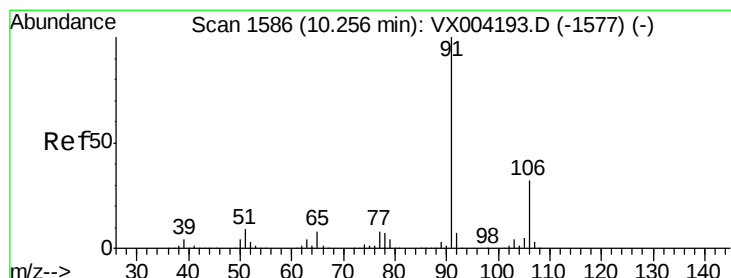
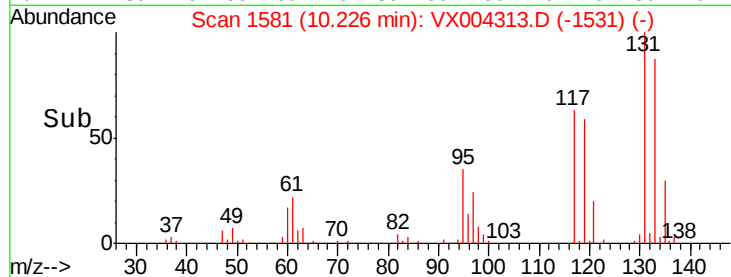
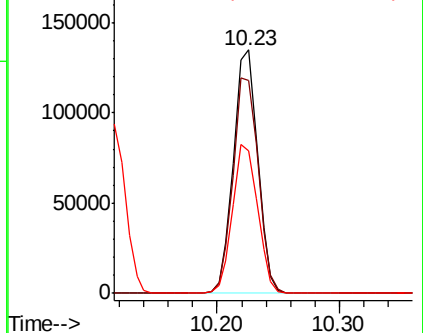
119 63.2 32.9 98.6



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 51.26 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX004313.D

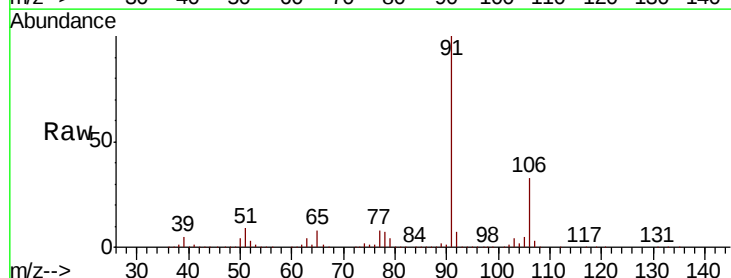
Acq: 30 Aug 2018 01:11

Tgt Ion: 91 Resp: 846935

Ion Ratio Lower Upper

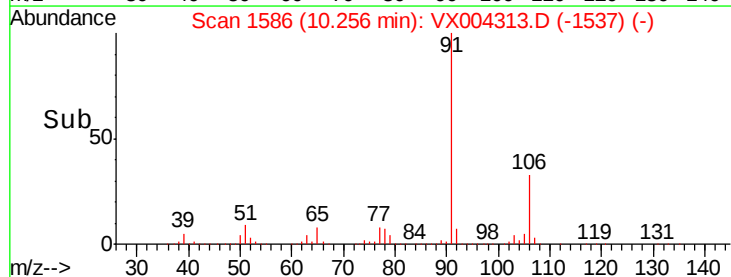
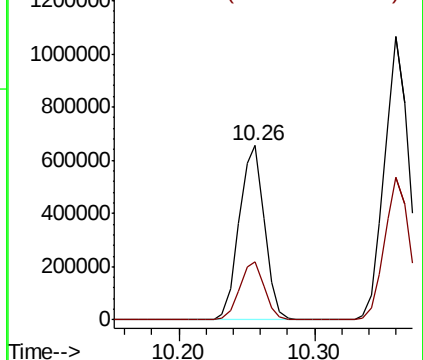
91 100

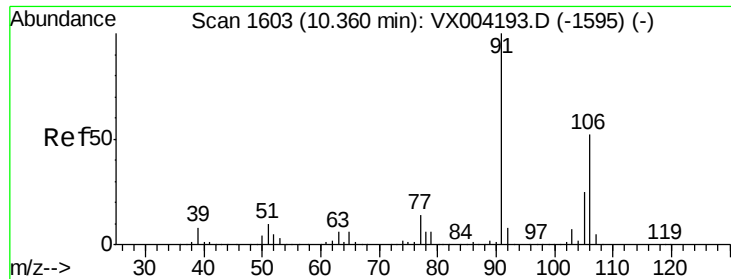
106 33.4 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 105.78 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

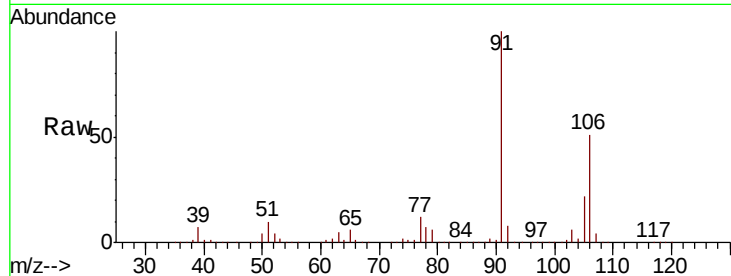
CPA-CPMW05S-M12W4-082_18MS

Tot Ion:106 Resp: 683414

Ion Ratio Lower Upper

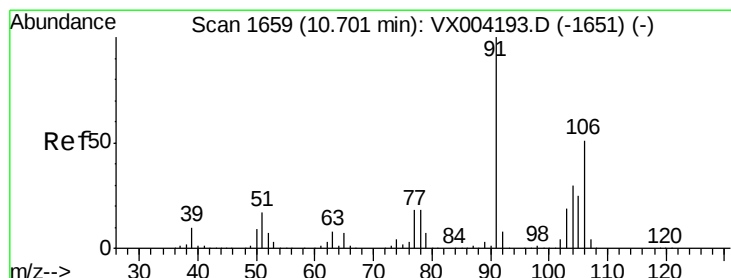
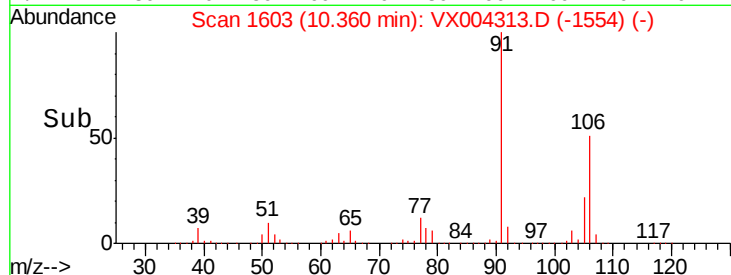
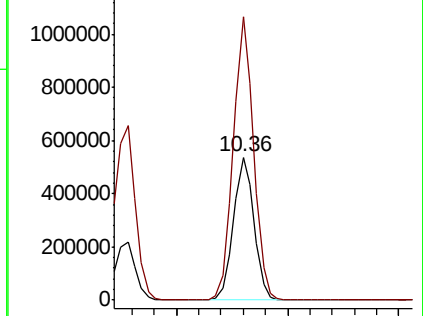
106 100

91 196.0 157.1 235.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 54.84 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004313.D

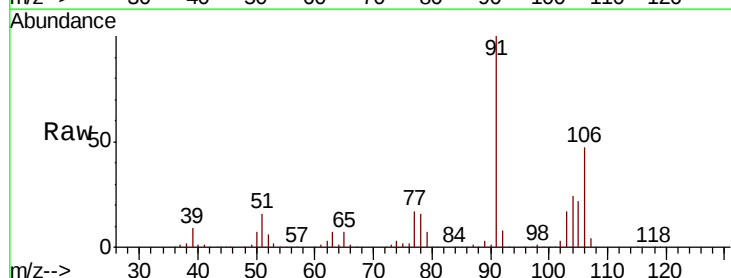
Acq: 30 Aug 2018 01:11

Tgt Ion:106 Resp: 335163

Ion Ratio Lower Upper

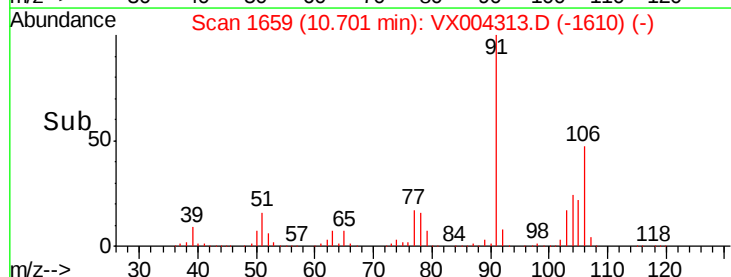
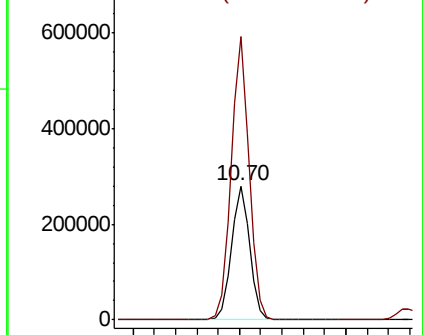
106 100

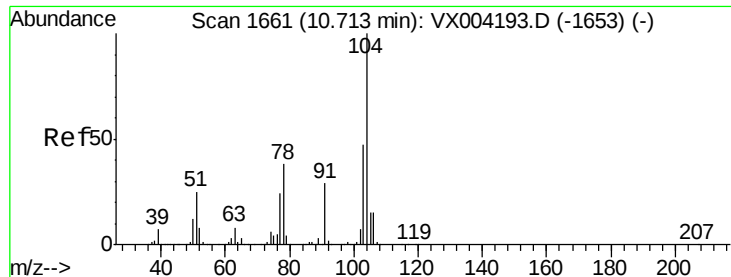
91 208.7 105.1 315.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

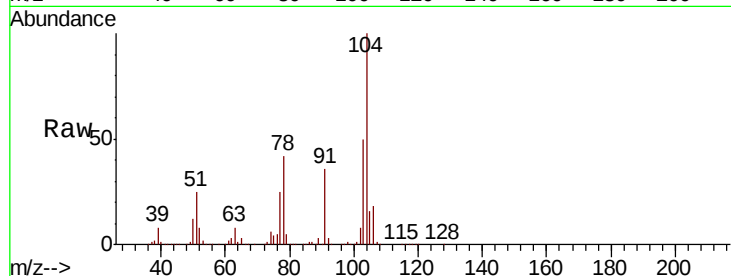




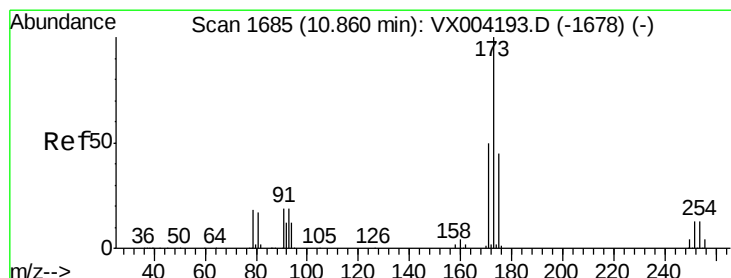
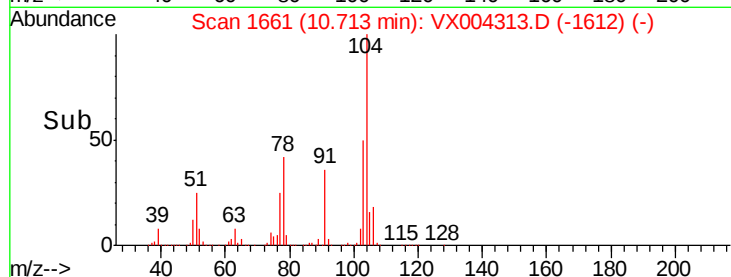
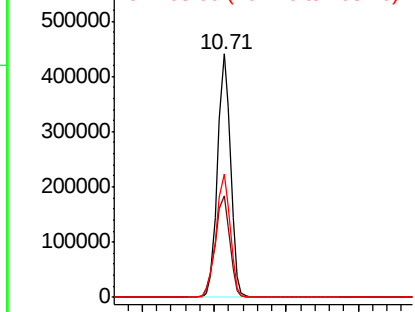
#70
Stvrene
Concen: 55.47 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05S-M12W4-082_18MS

Tot Ion:104 Resp: 548863
Ion Ratio Lower Upper
104 100
78 46.9 37.4 56.0
103 55.0 43.8 65.6

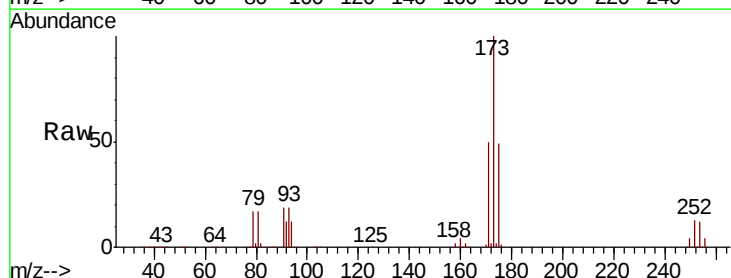


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

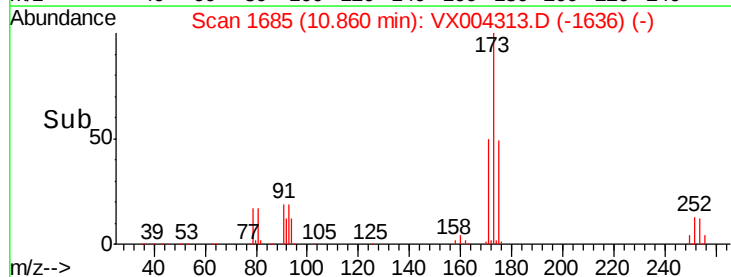
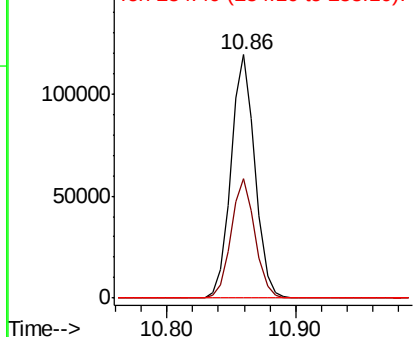


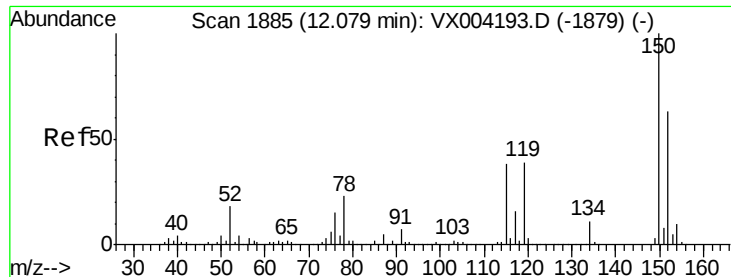
#71
Bromoform
Concen: 54.60 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

Tgt Ion:173 Resp: 154450
Ion Ratio Lower Upper
173 100
175 48.8 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: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

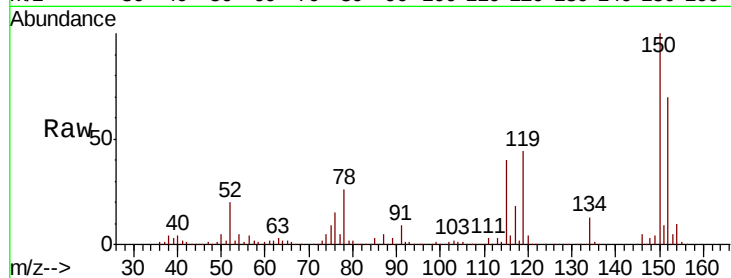
Tot Ion:152 Resp: 249160

Ion Ratio Lower Upper

152 100

115 75.3 39.0 117.0

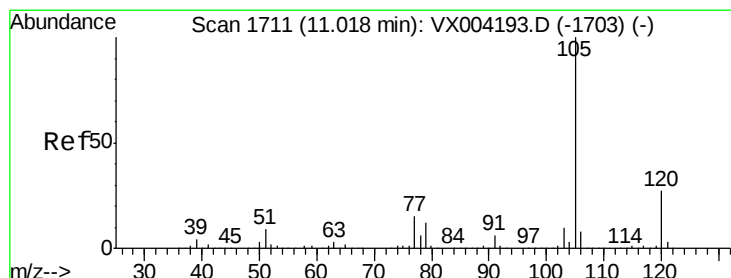
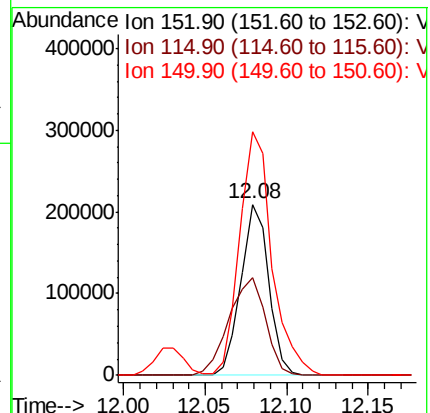
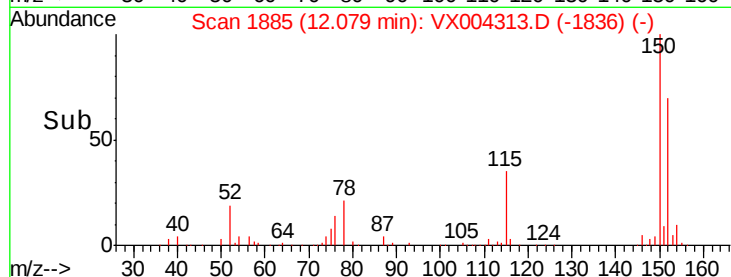
150 165.2 0.0 351.0



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: 54.67 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004313.D

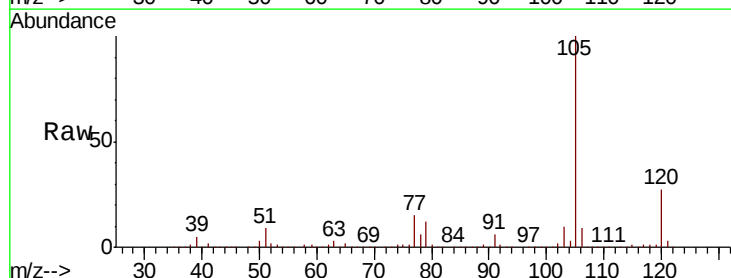
Acq: 30 Aug 2018 01:11

Tgt Ion:105 Resp: 894589

Ion Ratio Lower Upper

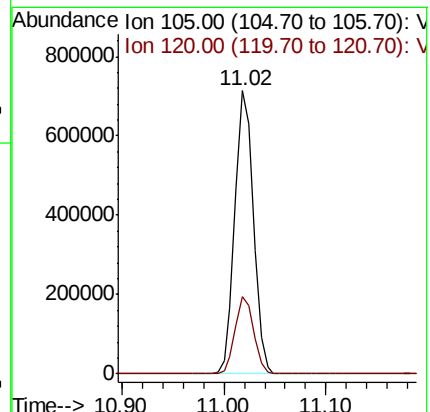
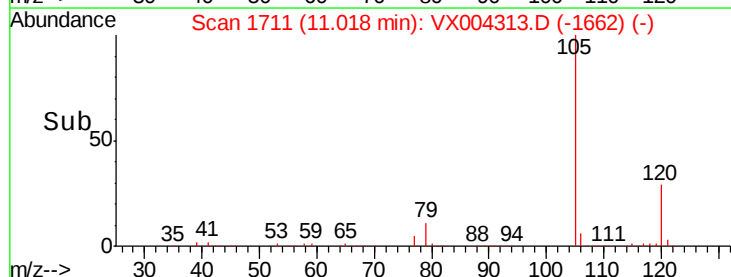
105 100

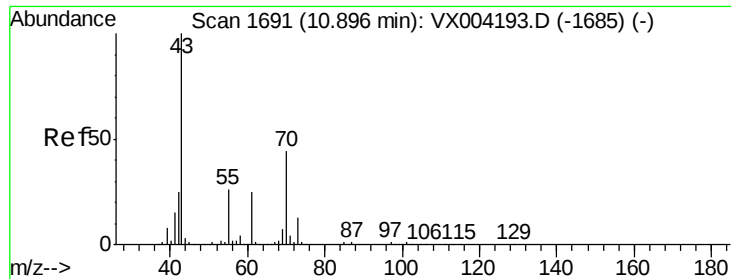
120 27.2 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 35.77 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.01 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion: 43 Resp: 225359

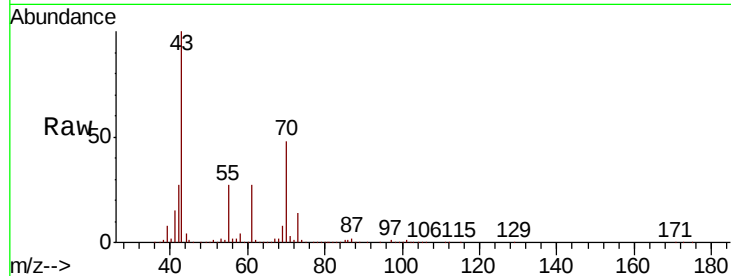
Ion Ratio Lower Upper

43 100

70 47.8 37.4 56.0

55 28.4 21.8 32.8

61 26.1 20.6 30.8

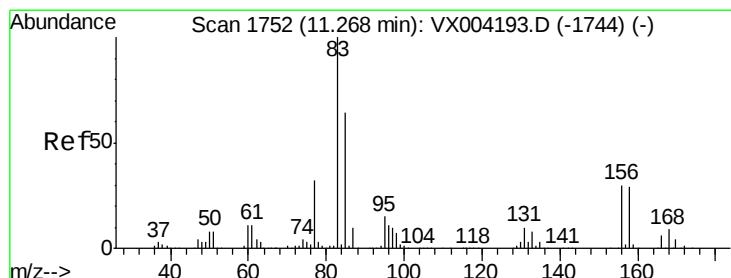
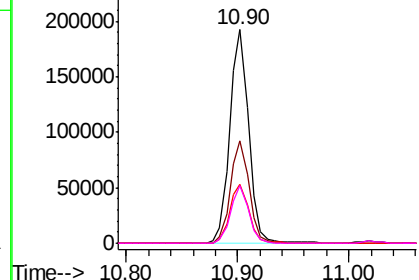
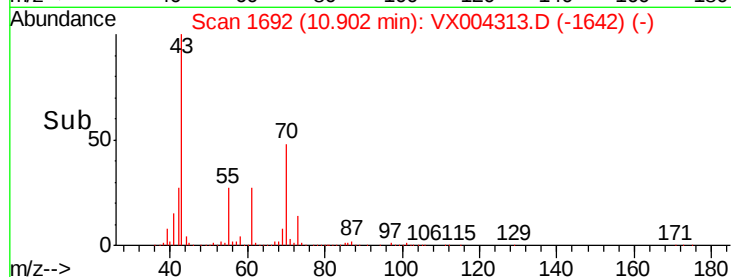


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 53.26 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

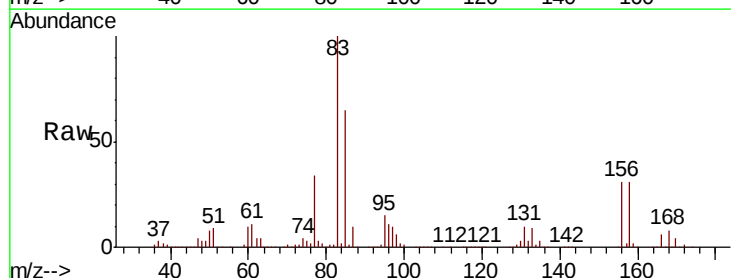
Tgt Ion: 83 Resp: 305017

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

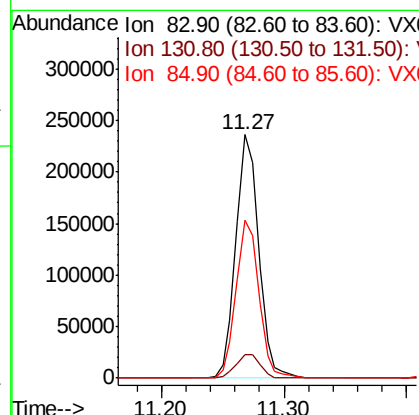
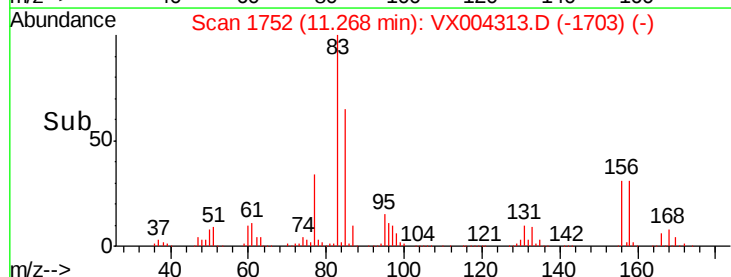
85 65.0 32.3 96.8

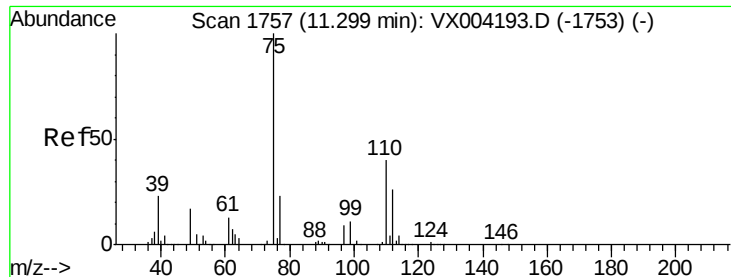


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 65.01 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

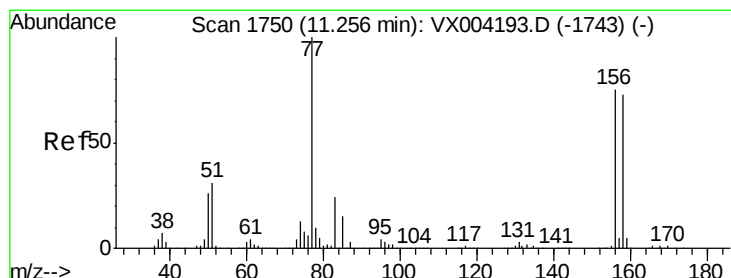
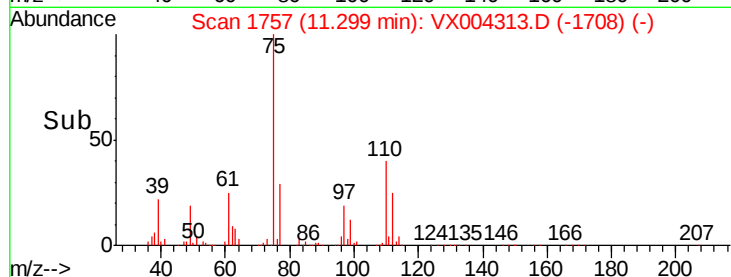
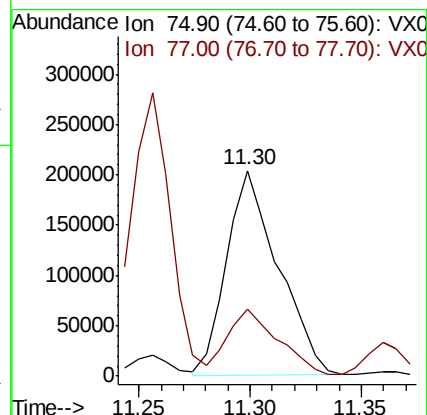
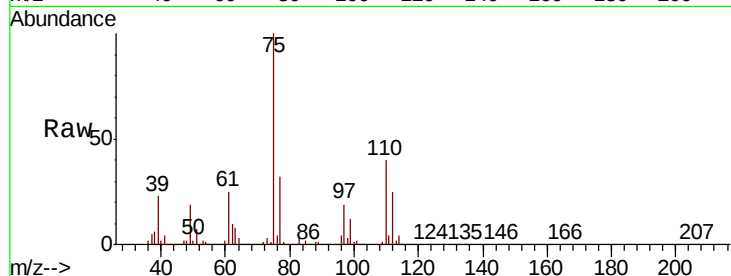
CPA-CPMW05S-M12W4-082_18MS

Tot Ion: 75 Resp: 329417

Ion Ratio Lower Upper

75 100

77 32.4 20.2 60.6



#77

Bromobenzene

Concen: 52.49 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

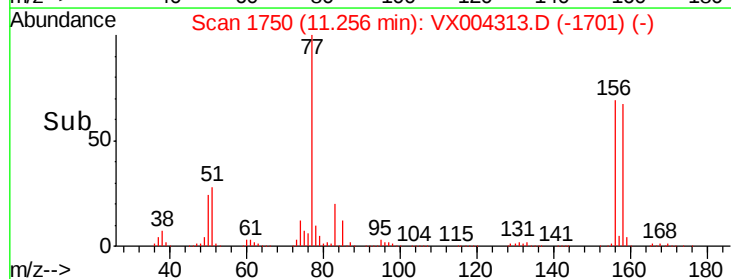
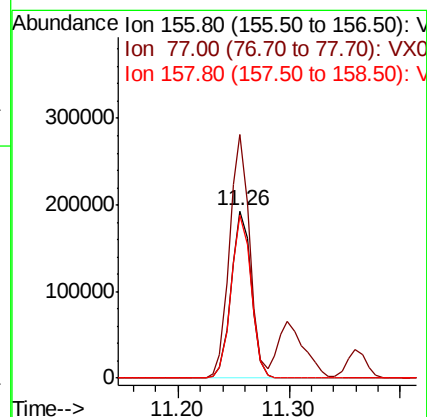
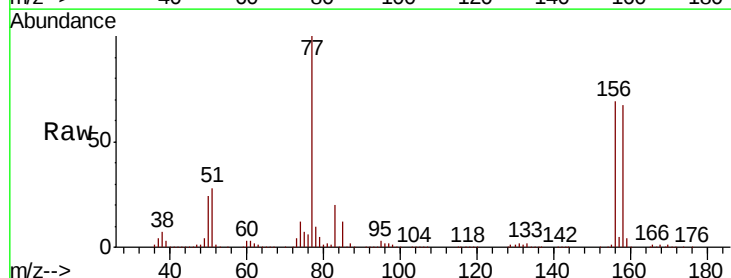
Tgt Ion: 156 Resp: 240938

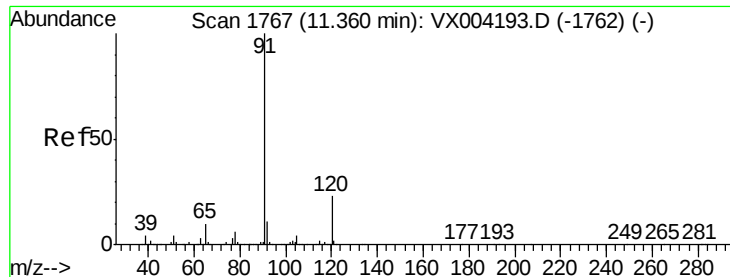
Ion Ratio Lower Upper

156 100

77 145.7 71.5 214.3

158 97.7 48.9 146.8





#78

n-propylbenzene

Concen: 53.95 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

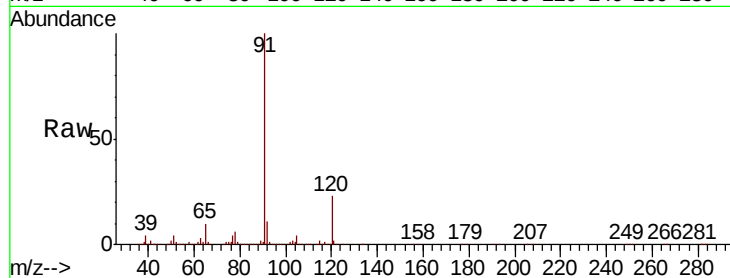
CPA-CPMW05S-M12W4-082_18MS

Tot Ion: 91 Resp: 1015378

Ion Ratio Lower Upper

91 100

120 23.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.36

800000

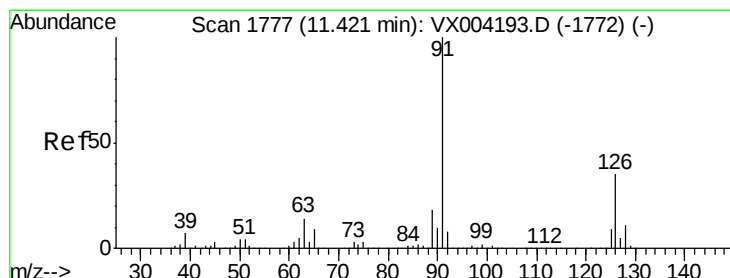
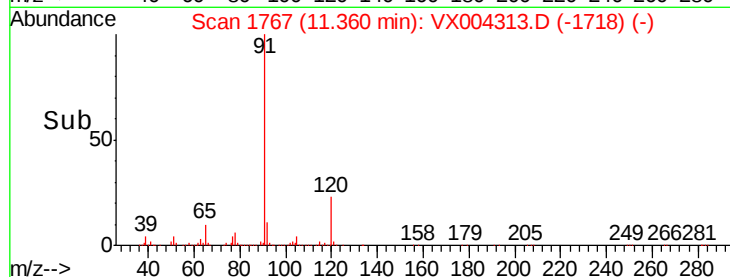
600000

400000

200000

0

Time--> 11.30 11.35 11.40



#79

2-Chlorotoluene

Concen: 52.67 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.00 min

Lab File: VX004313.D

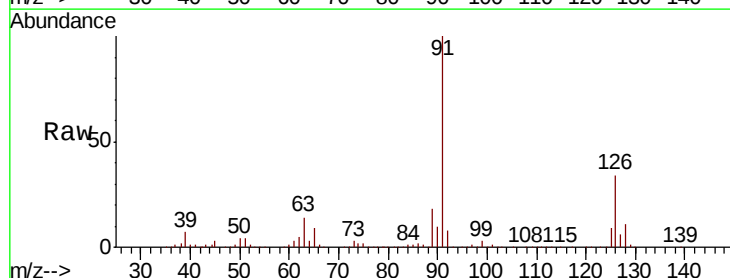
Acq: 30 Aug 2018 01:11

Tgt Ion: 91 Resp: 610154

Ion Ratio Lower Upper

91 100

126 35.4 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

11.42

800000

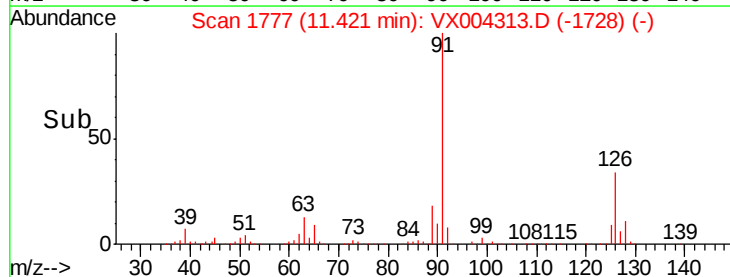
600000

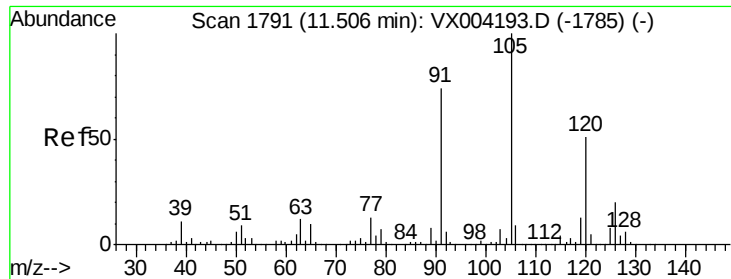
400000

200000

0

Time--> 11.40 11.45

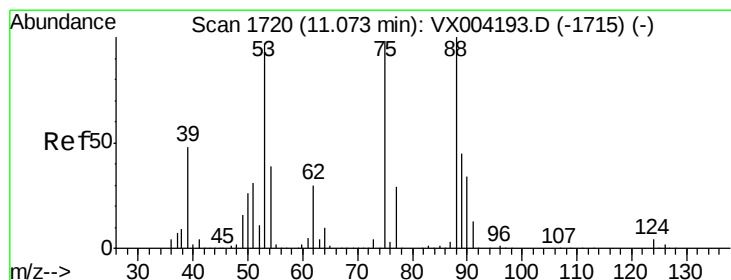
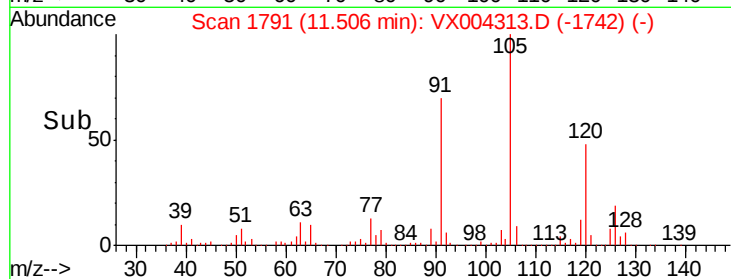
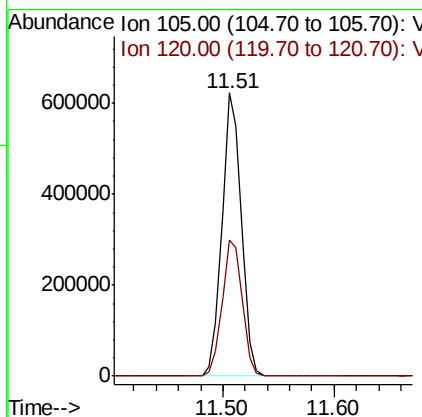
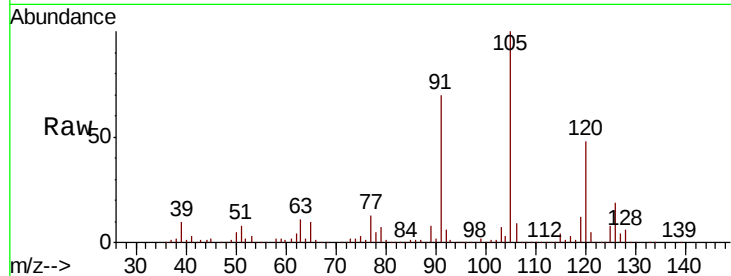




#80
 1,3,5-Trimethylbenzene
 Concen: 54.98 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

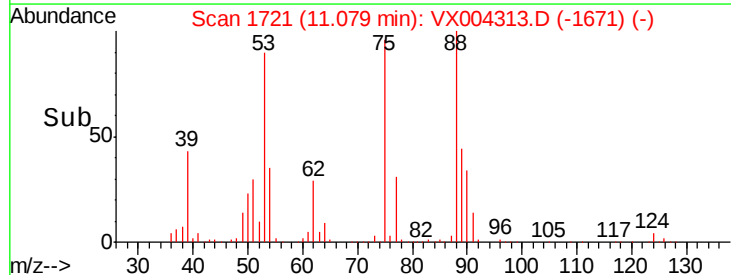
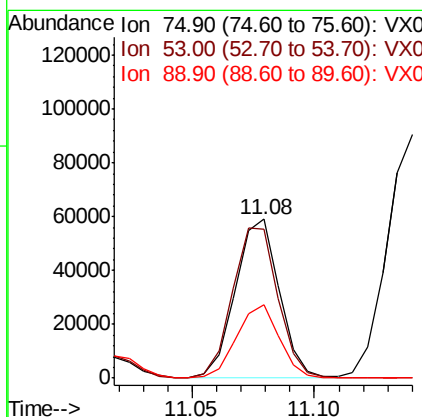
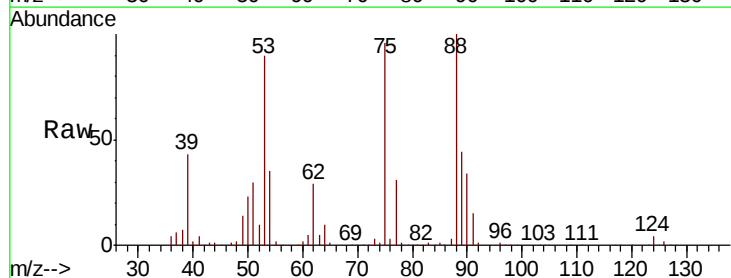
Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M12W4-082_18MS

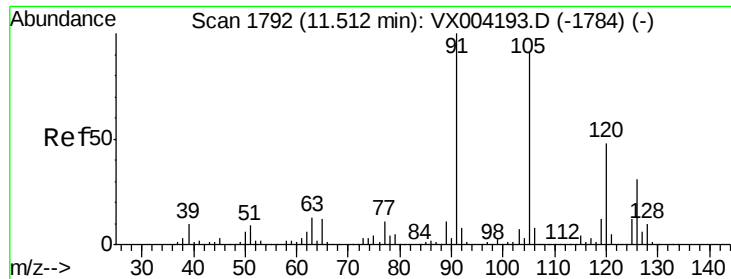
Tot Ion:105 Resp: 745158
 Ion Ratio Lower Upper
 105 100
 120 49.9 25.6 76.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.79 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.01 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

Tgt Ion: 75 Resp: 73080
 Ion Ratio Lower Upper
 75 100
 53 98.5 80.1 120.1
 89 45.4 37.2 55.8





#82

4-Chlorotoluene

Concen: 52.50 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

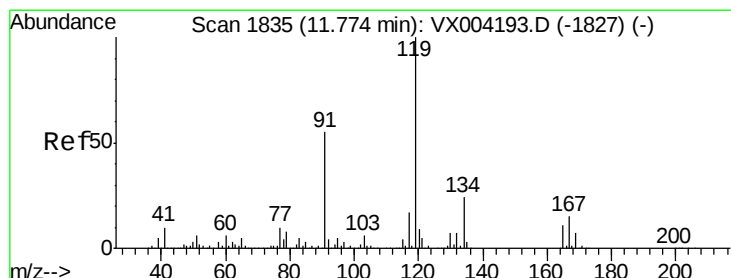
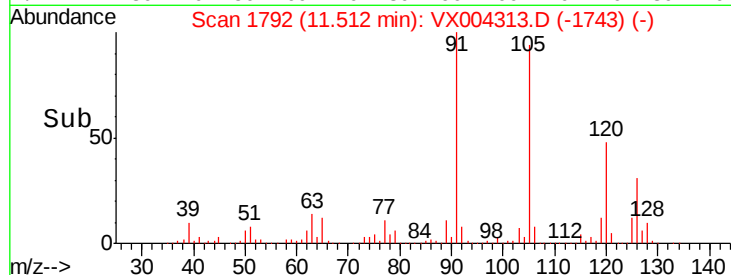
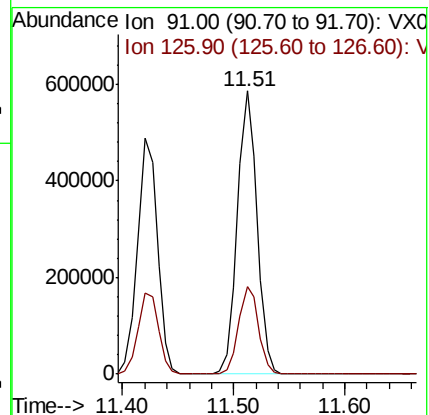
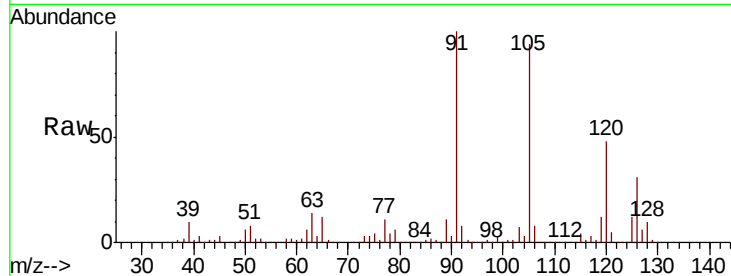
CPA-CPMW05S-M12W4-082_18MS

Tot Ion: 91 Resp: 715649

Ion Ratio Lower Upper

91 100

126 31.3 15.5 46.5



#83

tert-Butylbenzene

Concen: 54.74 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

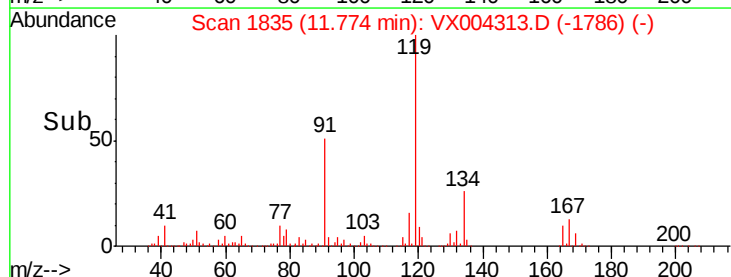
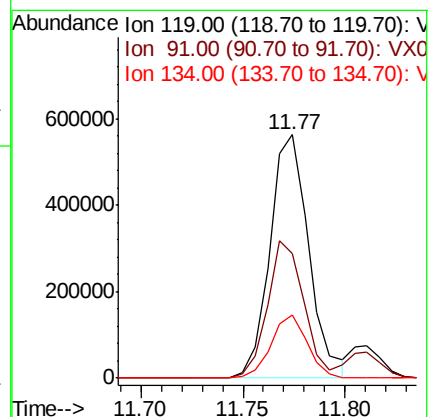
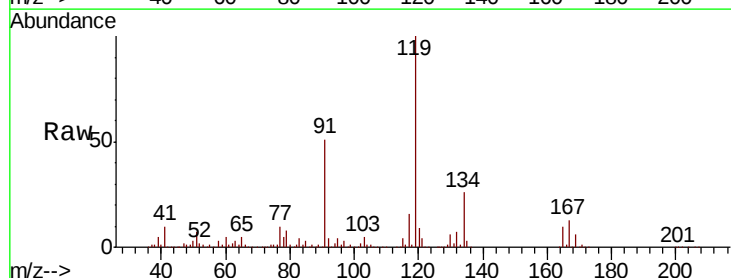
Tgt Ion: 119 Resp: 746427

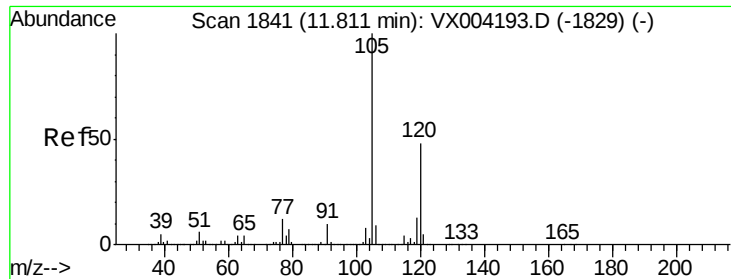
Ion Ratio Lower Upper

119 100

91 52.7 27.0 81.0

134 24.2 11.7 35.1

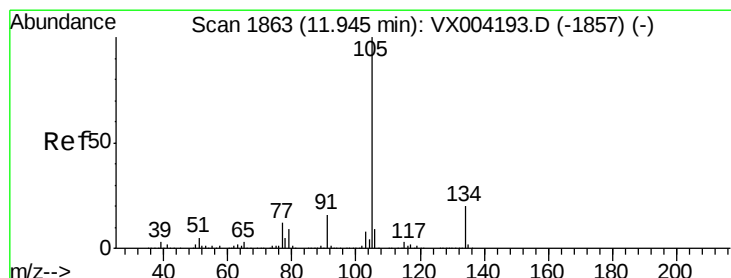
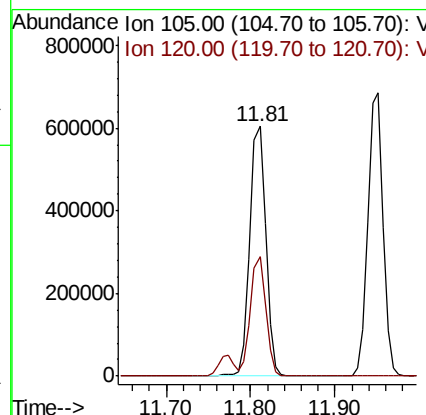
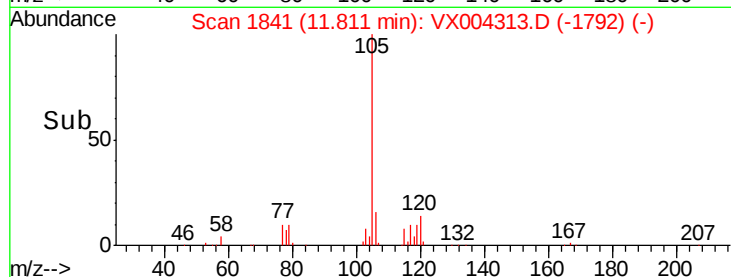
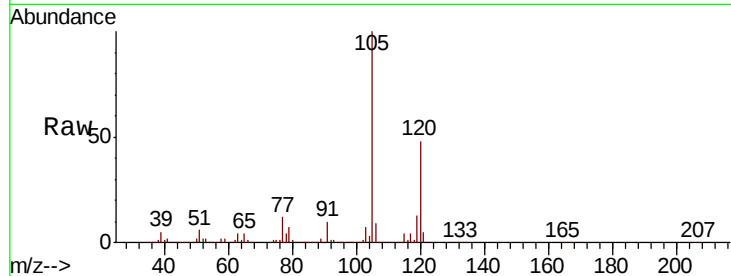




#84
 1,2,4-Trimethylbenzene
 Concen: 54.90 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

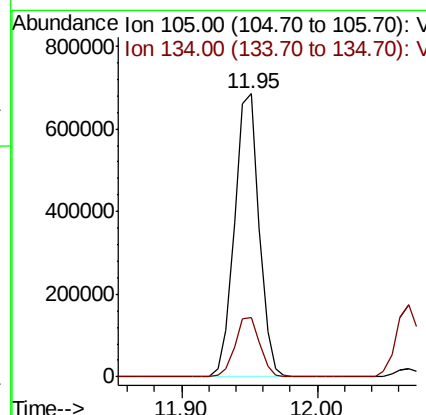
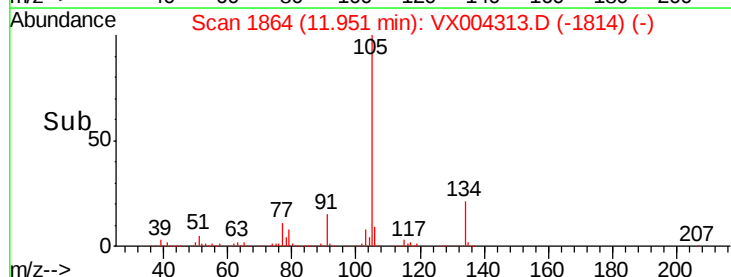
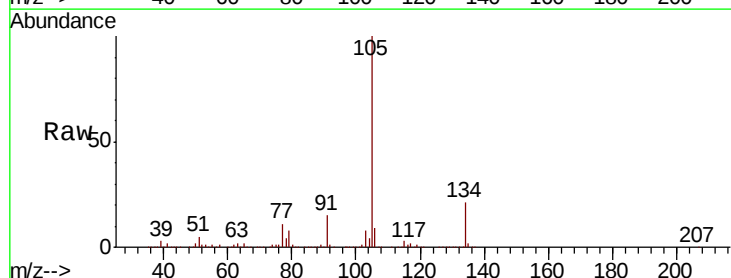
Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M12W4-082_18MS

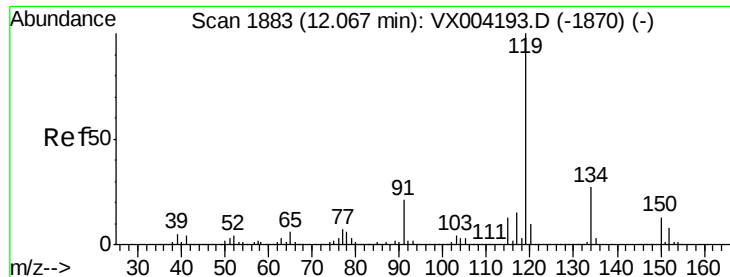
Tot Ion:105 Resp: 763683
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.2 69.6



#85
 sec-Butylbenzene
 Concen: 53.12 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.01 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

Tgt Ion:105 Resp: 859903
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.5 31.5

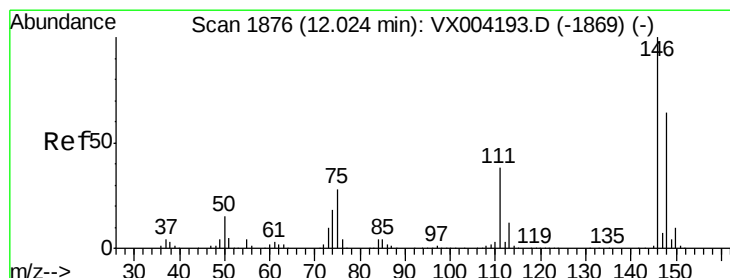
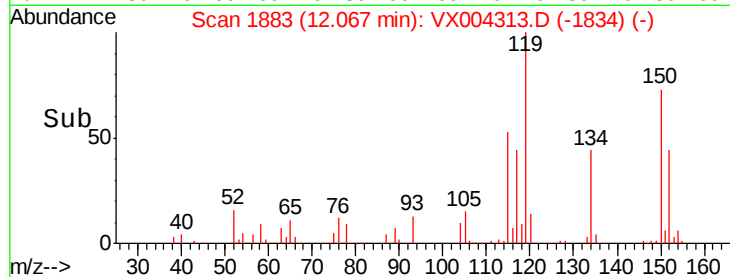
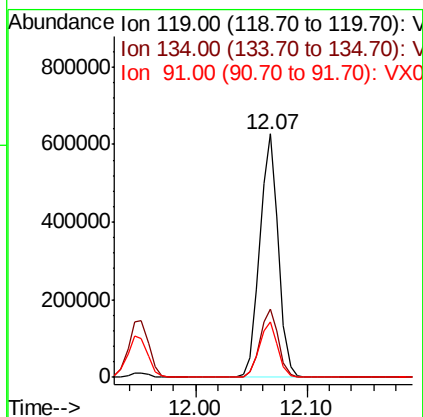
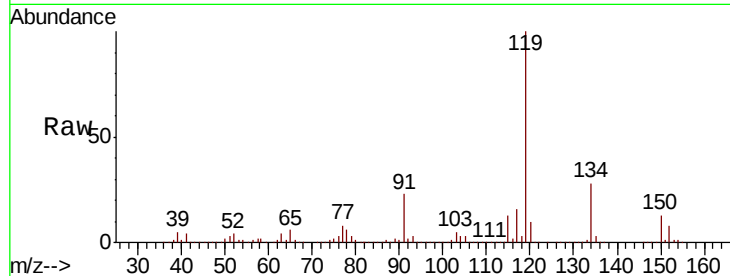




#86
 p-Isopropyltoluene
 Concen: 50.25 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

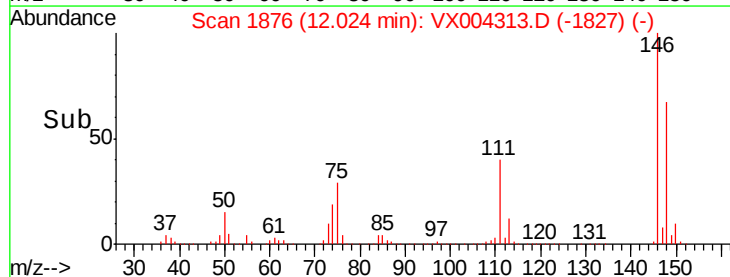
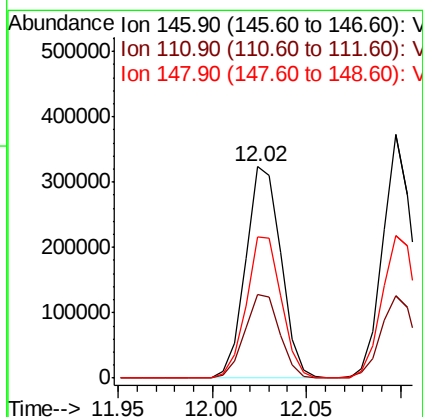
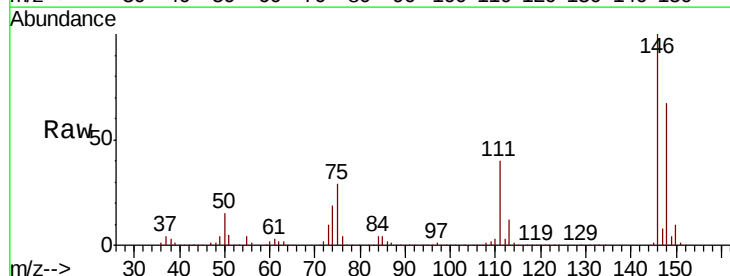
Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M12W4-082_18MS

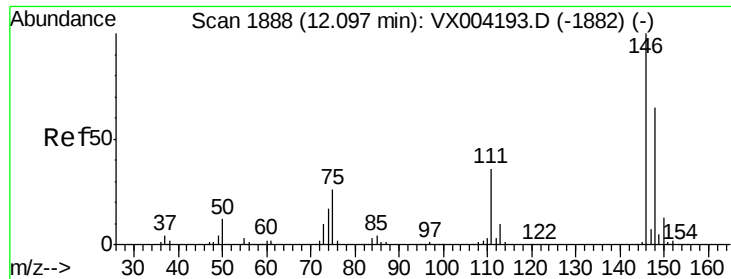
Tot Ion:119 Resp: 729030
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.4 40.2
 91 22.7 10.9 32.7



#87
 1,3-Dichlorobenzene
 Concen: 48.62 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

Tgt Ion:146 Resp: 420235
 Ion Ratio Lower Upper
 146 100
 111 39.1 18.7 56.1
 148 66.2 32.1 96.5





#88

1,4-Dichlorobenzene

Concen: 46.29 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. -0.00 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

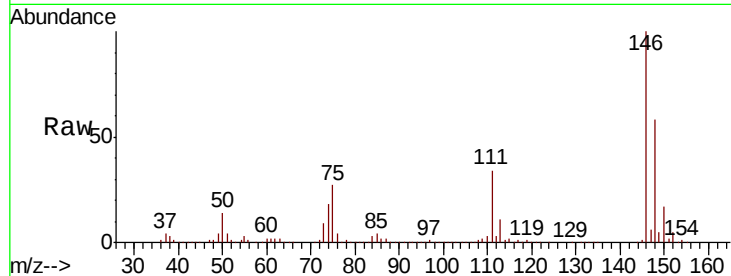
Tot Ion:146 Resp: 421868

Ion Ratio Lower Upper

146 100

111 36.8 18.1 54.1

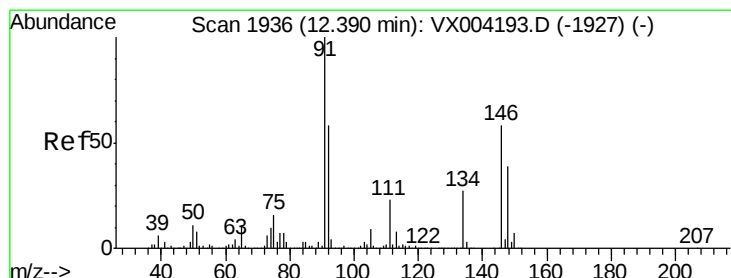
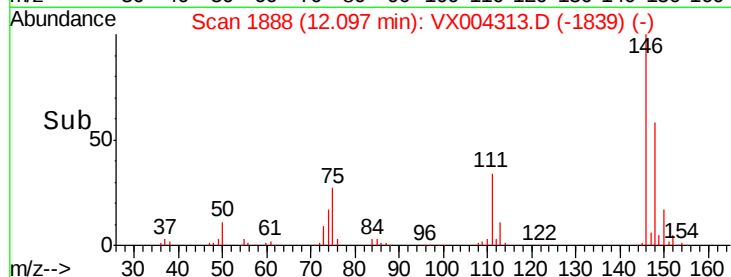
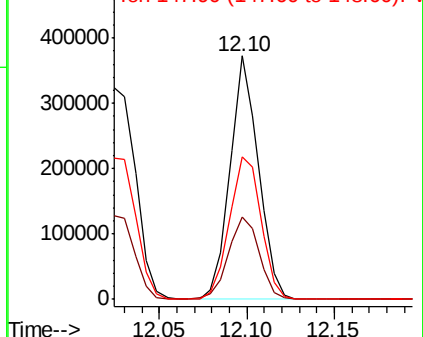
148 65.1 32.0 96.0



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: 49.05 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

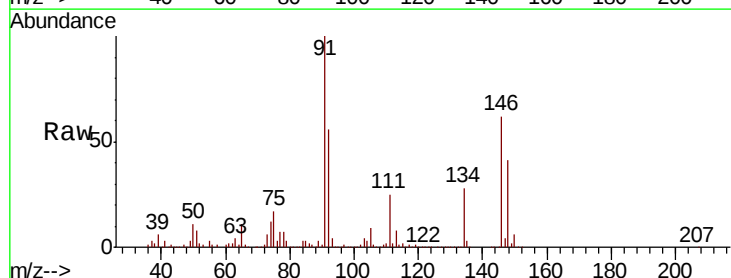
Tgt Ion: 91 Resp: 578633

Ion Ratio Lower Upper

91 100

92 54.8 27.3 81.9

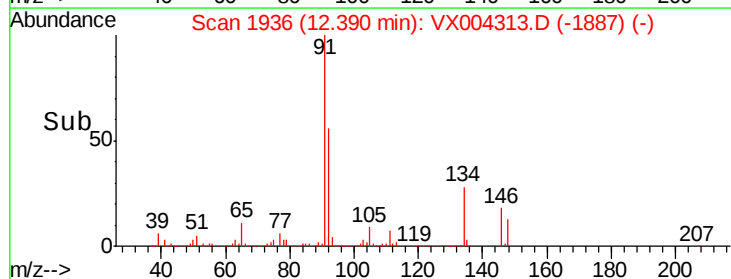
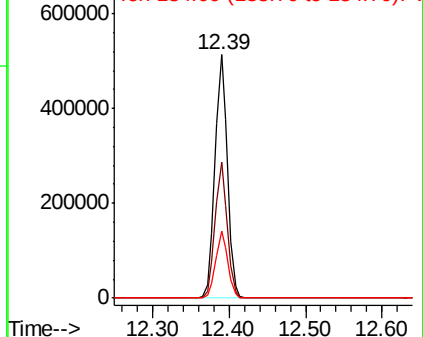
134 26.9 13.6 40.7

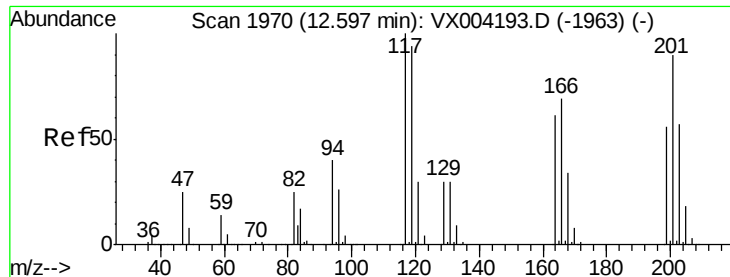


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

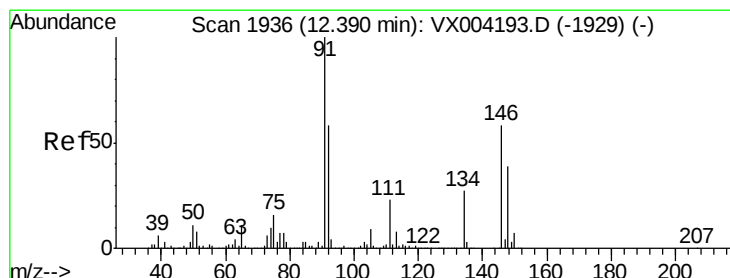
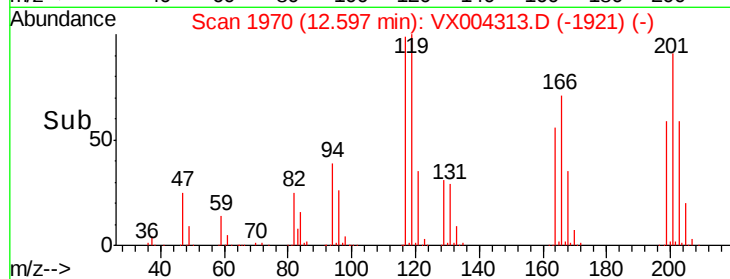
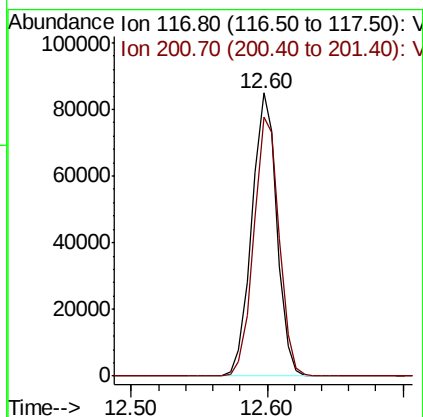
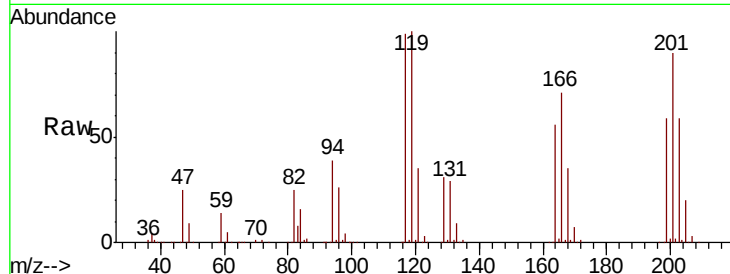




#90
Hexachloroethane
Concen: 54.21 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

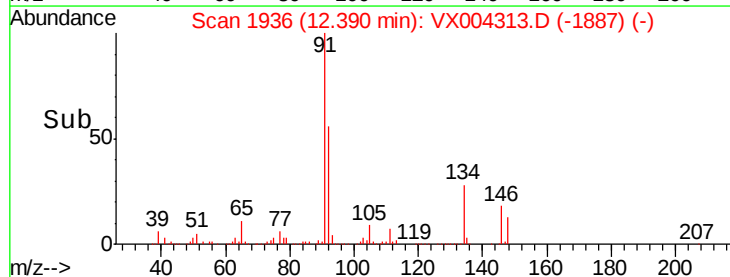
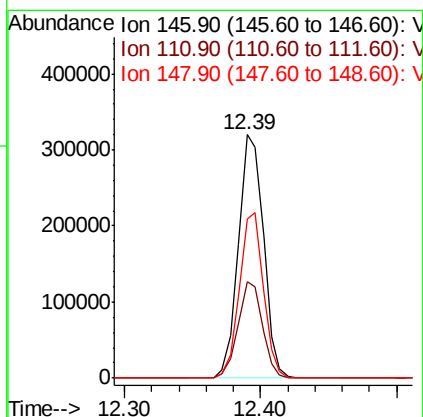
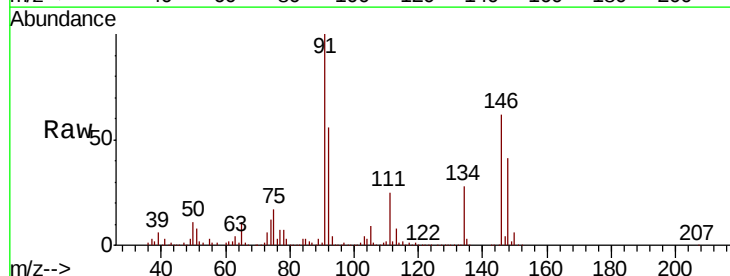
Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05S-M12W4-082_18MS

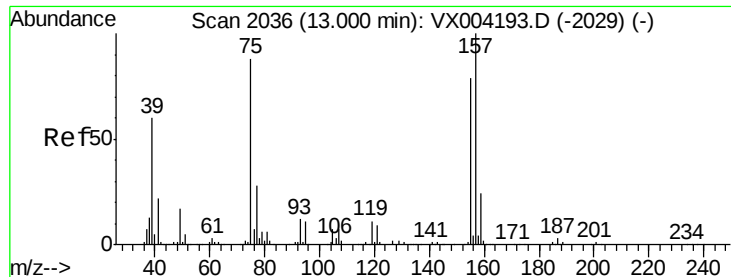
Tot Ion:117 Resp: 109918
Ion Ratio Lower Upper
117 100
201 92.8 46.9 140.6



#91
1,2-Dichlorobenzene
Concen: 51.99 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

Tgt Ion:146 Resp: 410705
Ion Ratio Lower Upper
146 100
111 38.5 19.4 58.1
148 65.0 32.8 98.3

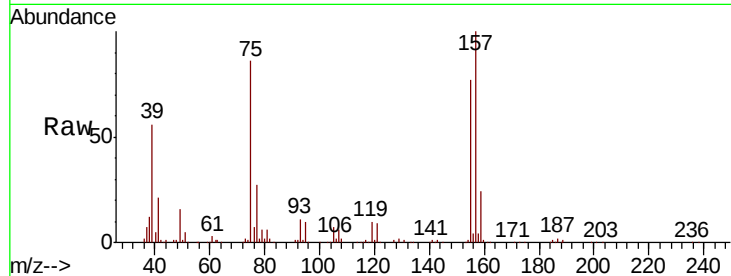




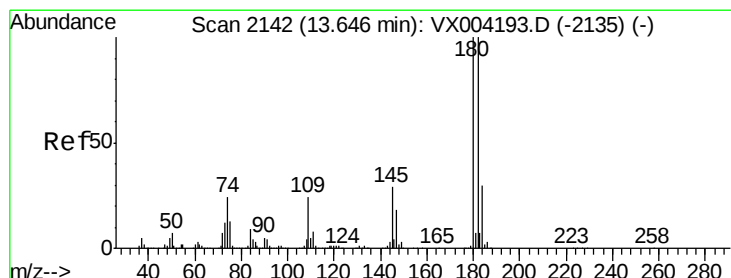
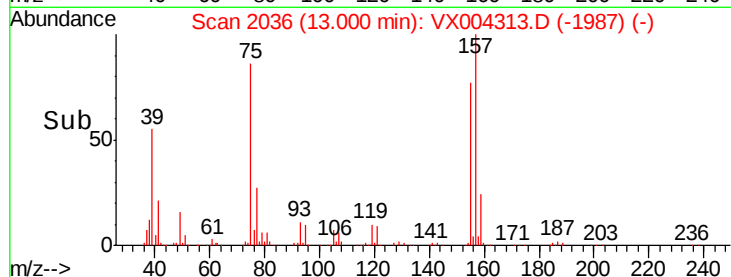
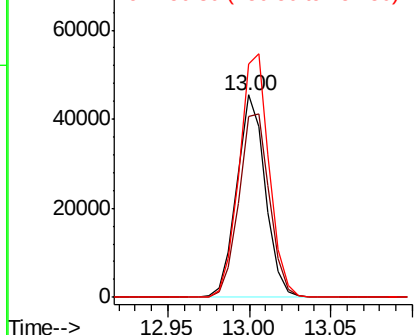
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.65 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M12W4-082_18MS

Tot Ion: 75 Resp: 55121
 Ion Ratio Lower Upper
 75 100
 155 97.6 48.0 144.2
 157 126.3 61.4 184.1

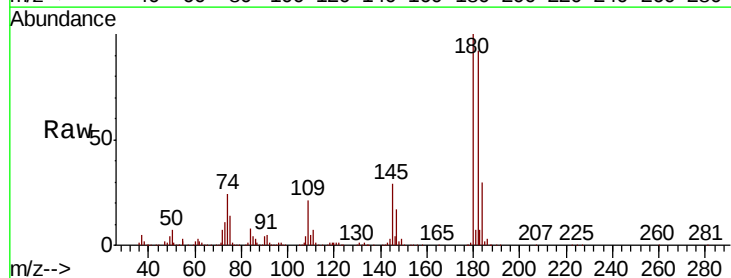


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

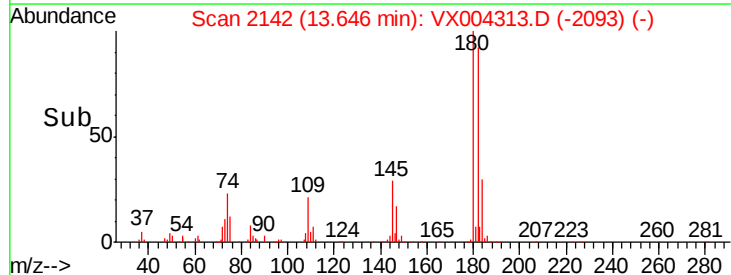
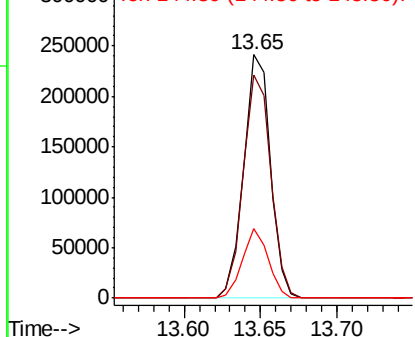


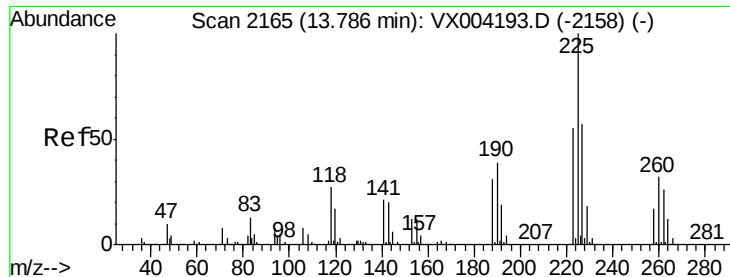
#93
 1,2,4-Trichlorobenzene
 Concen: 50.96 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

Tgt Ion:180 Resp: 292888
 Ion Ratio Lower Upper
 180 100
 182 94.6 48.4 145.0
 145 27.5 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: 50.54 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

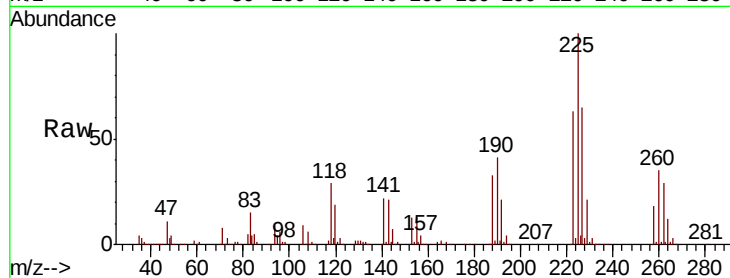
Tot Ion:225 Resp: 135140

Ion Ratio Lower Upper

225 100

223 62.9 30.1 90.5

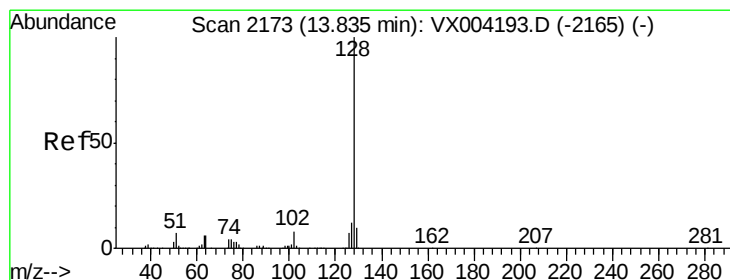
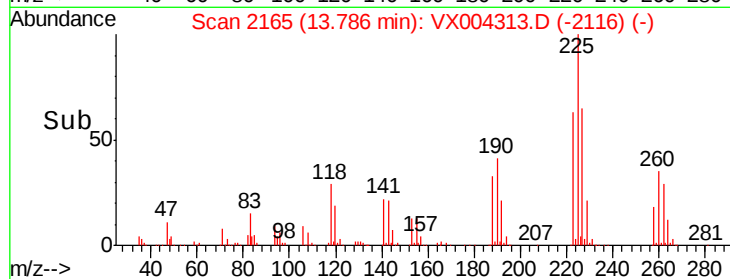
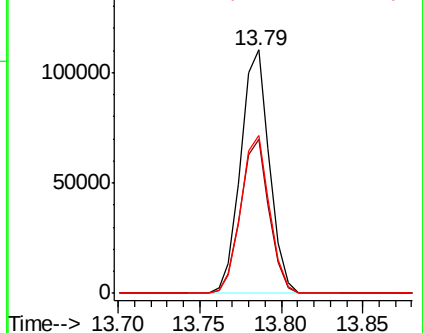
227 64.7 30.8 92.4



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: 61.43 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

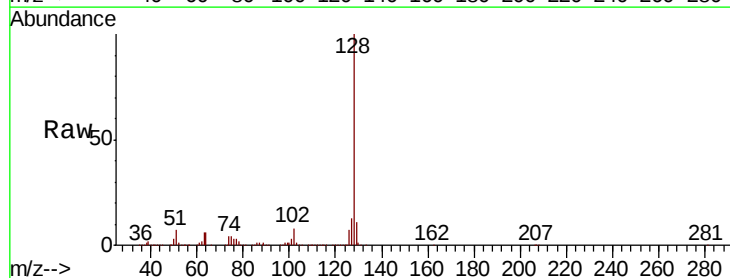
Tgt Ion:128 Resp: 998534

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

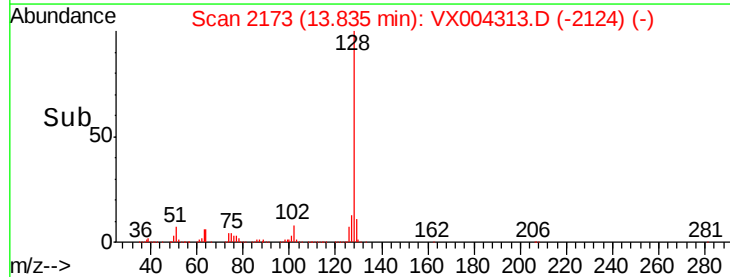
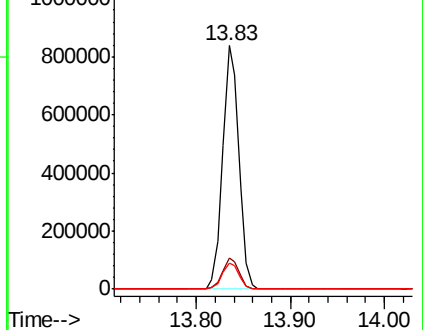
129 10.9 8.6 12.8

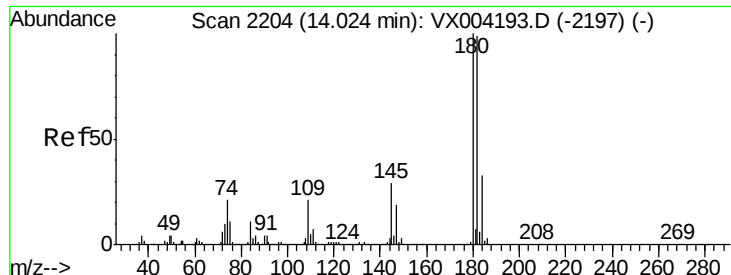


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 53.85 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M12W4-082_18MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.5	145.6
145	29.4	14.9	44.9

