

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031219\
 Data File : VX008032.D
 Acq On : 12 Mar 2019 22:20
 Operator : JC/SP
 Sample : K1828-09MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05D-M20W2-030619MS

Quant Time: Mar 13 05:24:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	225379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	328912	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	295117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	146582	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	116331	48.93	ug/l	0.00
Spiked Amount			Recovery	=	97.86%	
35) Dibromofluoromethane	5.50	113	103035	48.97	ug/l	0.00
Spiked Amount			Recovery	=	97.94%	
50) Toluene-d8	8.71	98	384763	49.80	ug/l	0.00
Spiked Amount			Recovery	=	99.60%	
62) 4-Bromofluorobenzene	11.13	95	135988	50.20	ug/l	0.00
Spiked Amount			Recovery	=	100.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	85552	44.430	ug/l	98
3) Chloromethane	1.33	50	116118	46.795	ug/l	98
4) Vinyl Chloride	1.41	62	119256	48.368	ug/l	99
5) Bromomethane	1.64	94	59793	51.715	ug/l	99
6) Chloroethane	1.72	64	72714	44.393	ug/l	99
7) Trichlorofluoromethane	1.93	101	151275	47.124	ug/l	99
8) Diethyl Ether	2.19	74	66905	48.130	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	89593	45.037	ug/l	98
10) Methyl Iodide	2.51	142	148832	52.737	ug/l	99
11) Tert butyl alcohol	3.07	59	129674	243.887	ug/l	100
12) 1,1-Dichloroethene	2.37	96	90389	47.138	ug/l	100
13) Acrolein	2.30	56	94532	313.778	ug/l	98
14) Allyl chloride	2.73	41	179798	44.622	ug/l	99
15) Acrylonitrile	3.15	53	316460	235.803	ug/l	100
16) Acetone	2.45	43	261515	190.036	ug/l	100
17) Carbon Disulfide	2.57	76	265539	45.561	ug/l	99
18) Methyl Acetate	2.78	43	131033	44.820	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	323677	49.065	ug/l	100
20) Methylene Chloride	2.86	84	104033	47.501	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	97342	46.135	ug/l	98
22) Diisopropyl ether	3.87	45	349988	47.384	ug/l	98
23) Vinyl Acetate	3.82	43	1303734	201.281	ug/l	99
24) 1,1-Dichloroethane	3.70	63	189833	47.758	ug/l	100
25) 2-Butanone	4.70	43	435885	223.732	ug/l	99
26) 2,2-Dichloropropane	4.59	77	111772	42.444	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	115114	47.679	ug/l	97
28) Bromochloromethane	5.02	49	90603	48.892	ug/l	98
29) Tetrahydrofuran	5.15	42	292516	240.705	ug/l	99
30) Chloroform	5.21	83	183650	48.843	ug/l	99
31) Cyclohexane	5.57	56	165939	45.423	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	154848	49.636	ug/l	98
36) 1,1-Dichloropropene	5.80	75	137744	46.250	ug/l	100
37) Ethyl Acetate	4.85	43	146355	41.410	ug/l	99
38) Carbon Tetrachloride	5.78	117	135714	47.999	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	164224	45.507	ug/l	99
40) Benzene	6.14	78	428582	48.338	ug/l	100
41) Methacrylonitrile	5.06	41	93717	48.637	ug/l	99
42) 1,2-Dichloroethane	6.20	62	139287	48.037	ug/l	100
43) Isopropyl Acetate	6.46	43	234884	44.906	ug/l	99
44) Trichloroethene	7.21	130	118605	48.541	ug/l	99
45) 1,2-Dichloropropane	7.52	63	114965	49.093	ug/l	99
46) Dibromomethane	7.66	93	71835	48.472	ug/l	99
47) Bromodichloromethane	7.90	83	137004	48.760	ug/l	98
48) Methyl methacrylate	7.77	41	134334	48.848	ug/l	99
49) 1,4-Dioxane	7.75	88	56244	995.620	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	828930	246.427	ug/l	99
52) Toluene	8.78	92	267235	49.368	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	147043	50.139	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	162129	48.956	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	110923	50.620	ug/l	99
56) Ethyl methacrylate	9.18	69	167091	50.786	ug/l	98
57) 1,3-Dichloropropane	9.37	76	182222	49.526	ug/l	100
59) 2-Hexanone	9.49	43	617148	236.312	ug/l	100
60) Dibromochloromethane	9.59	129	114273	49.892	ug/l	99
61) 1,2-Dibromoethane	9.67	107	116395	50.029	ug/l	100
64) Tetrachloroethene	9.34	164	115339	47.162	ug/l	99
65) Chlorobenzene	10.14	112	295152	47.794	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	108821	49.167	ug/l	99
67) Ethyl Benzene	10.25	91	496685	48.860	ug/l	100
68) m/p-Xylenes	10.36	106	382262	97.557	ug/l	100
69) o-Xylene	10.70	106	184419	48.750	ug/l	100
70) Stvrene	10.71	104	301777	48.750	ug/l	99
71) Bromoform	10.86	173	91003	47.878	ug/l #	100
73) Isopropylbenzene	11.02	105	494085	49.839	ug/l	100
74) N-amyl acetate	10.90	43	184355	40.734	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	161215	47.145	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	186279	60.561	ug/l	92
77) Bromobenzene	11.26	156	131937	48.543	ug/l	98
78) n-propylbenzene	11.36	91	545649	49.614	ug/l	100
79) 2-Chlorotoluene	11.42	91	327003	48.629	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	410269	50.282	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	46074	47.880	ug/l	99
82) 4-Chlorotoluene	11.51	91	373683	48.492	ug/l	100
83) tert-Butylbenzene	11.77	119	410903	49.995	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	421059	50.339	ug/l	100
85) sec-Butylbenzene	11.94	105	481987	49.793	ug/l	99
86) p-Isopropyltoluene	12.06	119	436878	50.395	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	231518	48.148	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	231664	47.045	ug/l	100
89) n-Butylbenzene	12.38	91	360411	49.072	ug/l	99
90) Hexachloroethane	12.60	117	70815	48.857	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	229325	48.008	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	33421	46.765	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	160798	47.918	ug/l	100

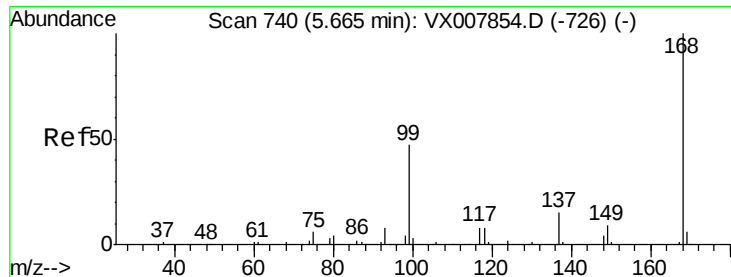
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031219\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	86228	49.148	ug/l	99
95) Naphthalene	13.83	128	484312	50.090	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	162874	48.723	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

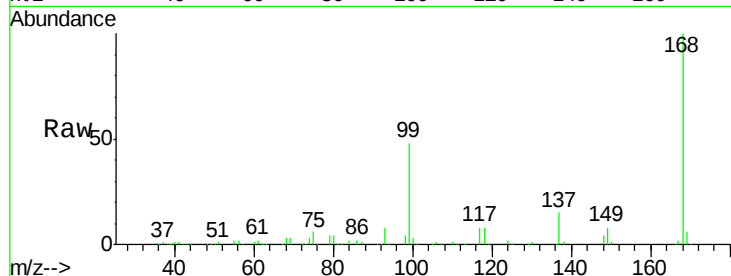
CPA-CPMW05D-M20W2-030619MS

Tot Ion:168 Resp: 225379

Ion Ratio Lower Upper

168 100

99 48.0 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

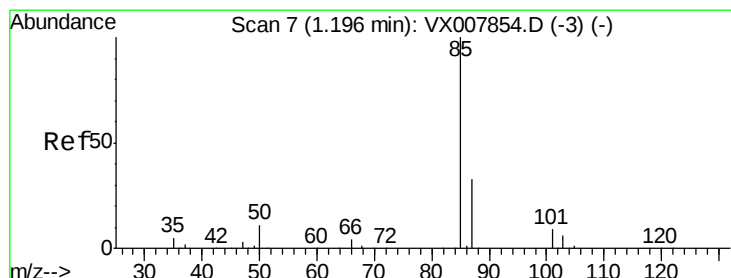
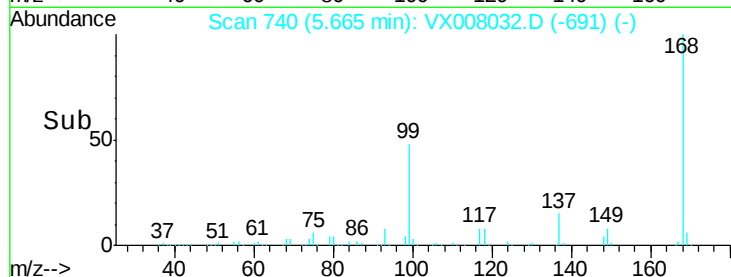
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 44.430 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX008032.D

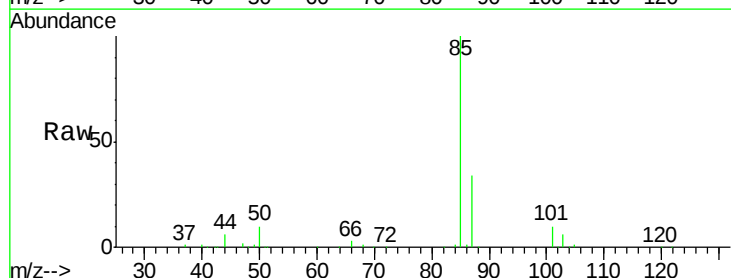
Acq: 12 Mar 2019 22:20

Tgt Ion: 85 Resp: 85552

Ion Ratio Lower Upper

85 100

87 33.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

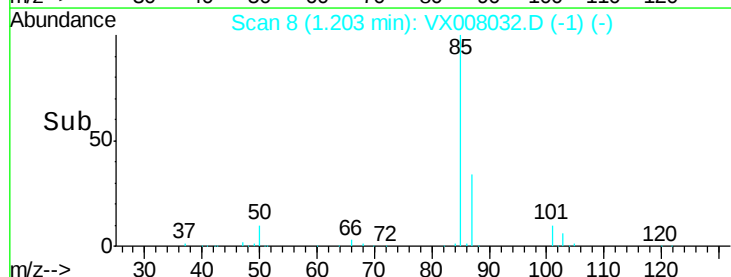
60000

40000

20000

0

Time--> 1.15 1.20 1.25 1.30

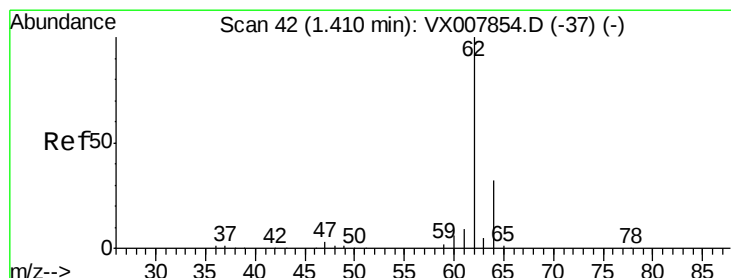
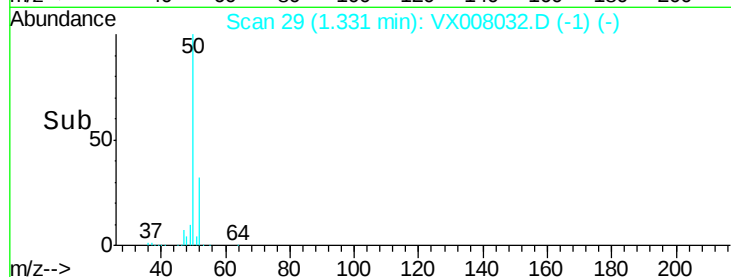
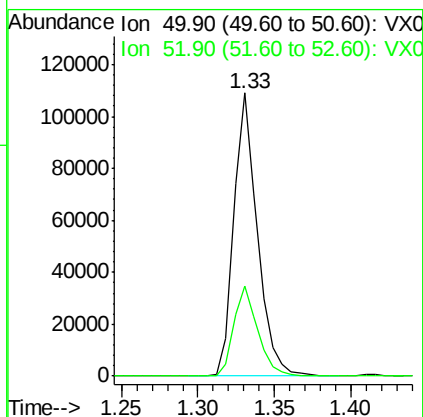
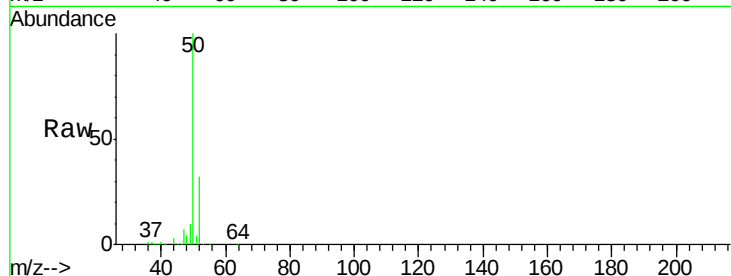




#3
Chloromethane
Concen: 46.795 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

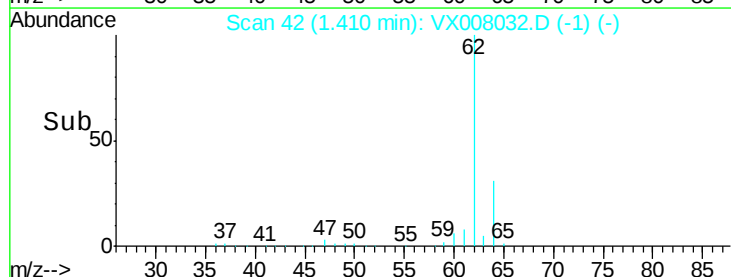
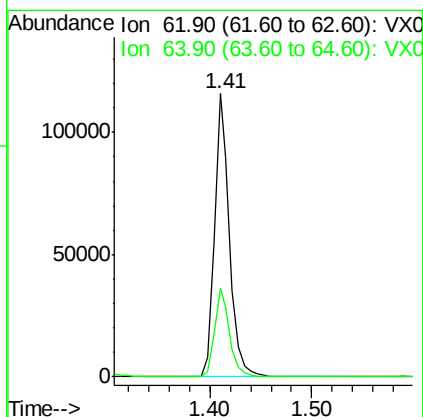
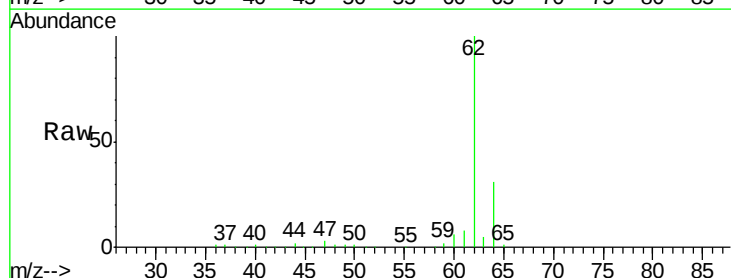
Instrument :
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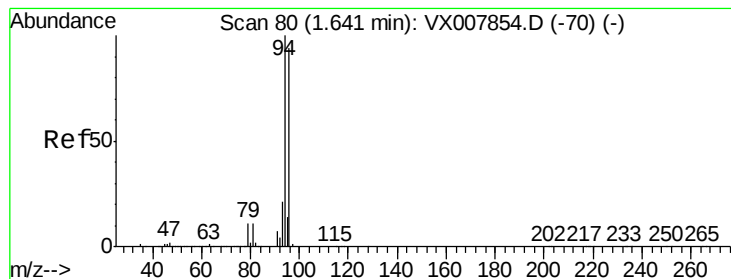
Tot Ion: 50 Resp: 116118
Ion Ratio Lower Upper
50 100
52 32.0 26.5 39.7



#4
Vinyl Chloride
Concen: 48.368 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Tgt Ion: 62 Resp: 119256
Ion Ratio Lower Upper
62 100
64 31.1 25.3 37.9





#5

Bromomethane

Concen: 51.715 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

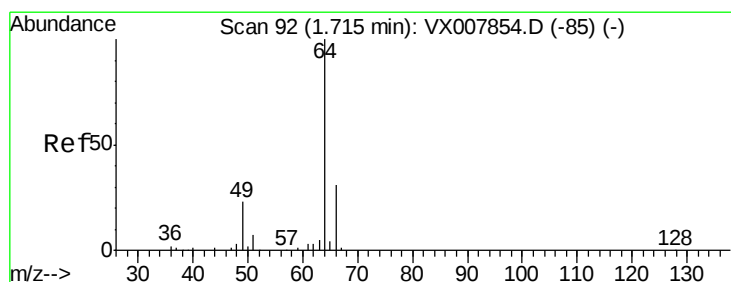
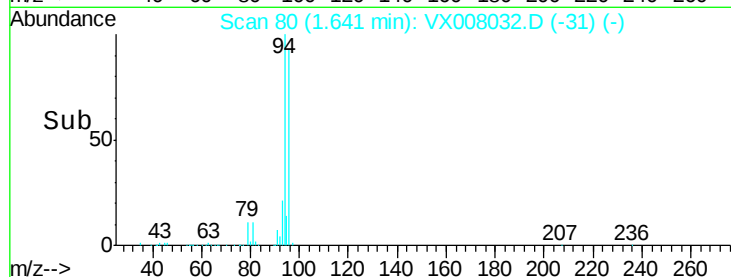
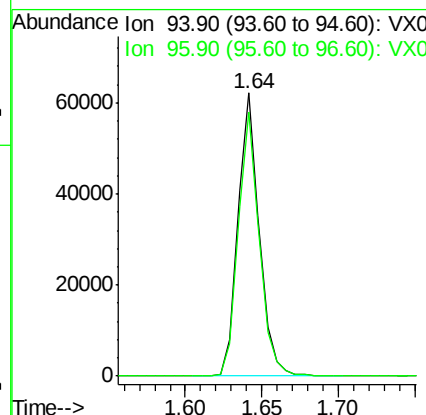
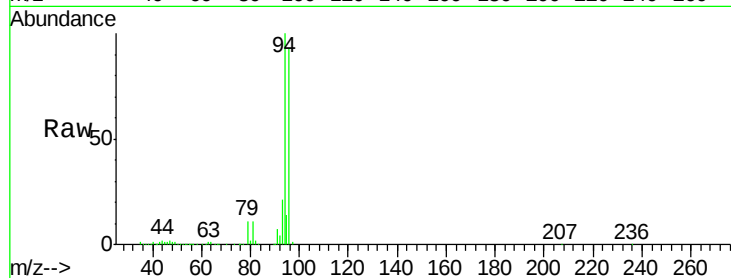
CPA-CPMW05D-M20W2-030619MS

Tot Ion: 94 Resp: 59793

Ion Ratio Lower Upper

94 100

96 93.4 75.5 113.3



#6

Chloroethane

Concen: 44.393 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008032.D

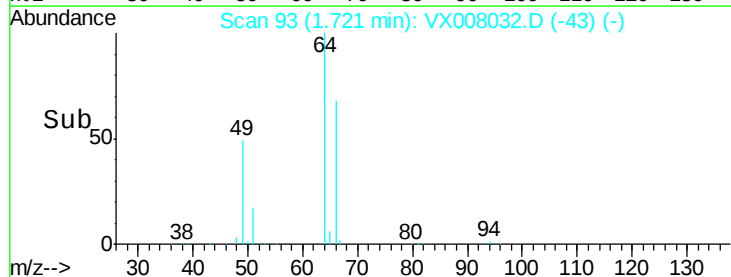
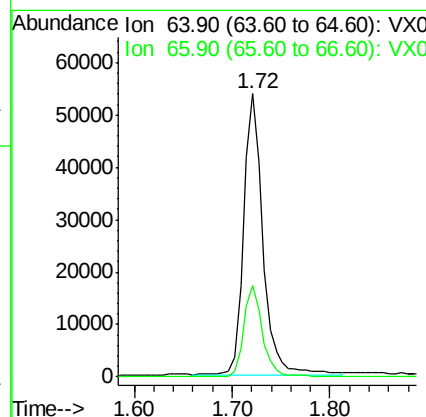
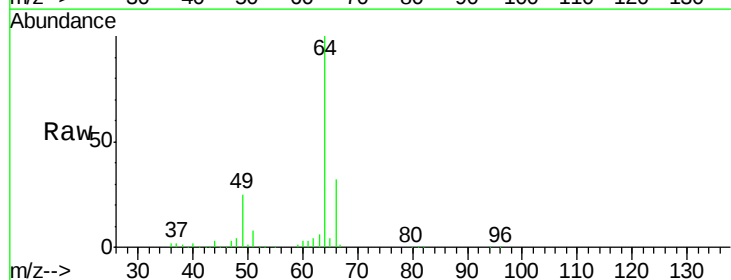
Acq: 12 Mar 2019 22:20

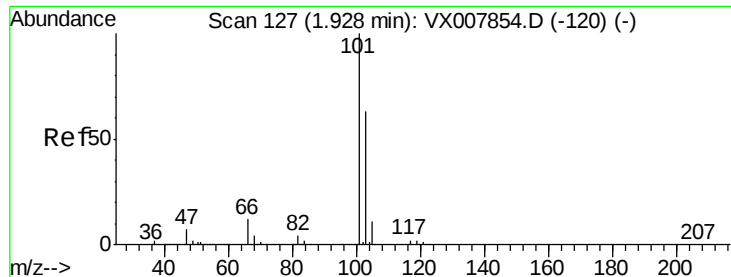
Tgt Ion: 64 Resp: 72714

Ion Ratio Lower Upper

64 100

66 32.3 25.2 37.8



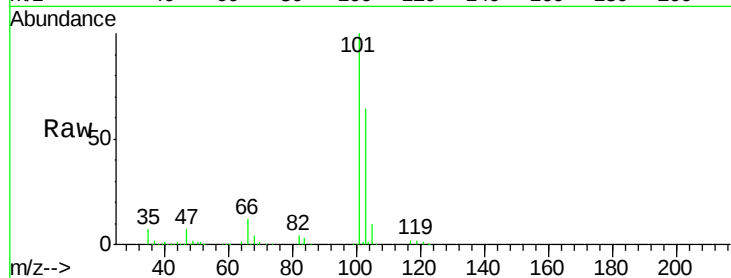


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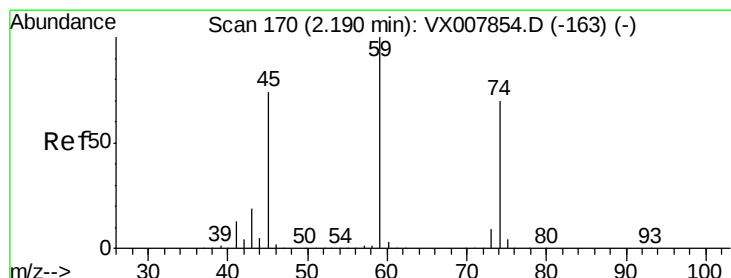
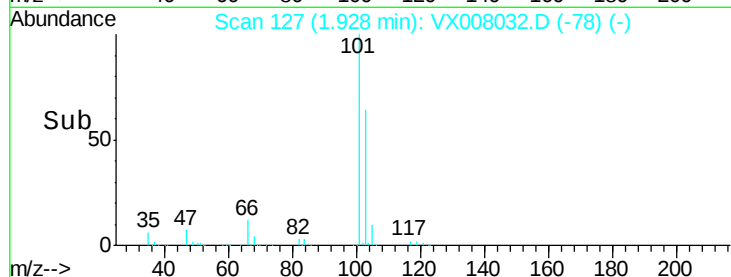
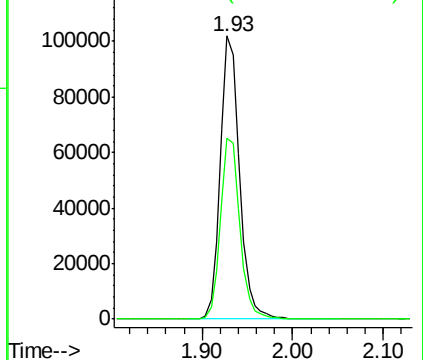
Trichlorofluoromethane
Concen: 47.124 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

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ClientSampleId :
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Tot Ion:101 Resp: 151275
Ion Ratio Lower Upper
101 100
103 64.1 50.4 75.6



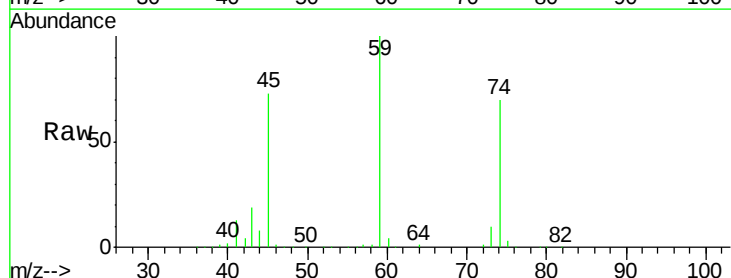
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



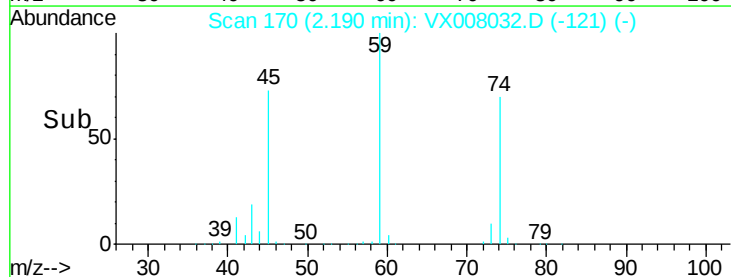
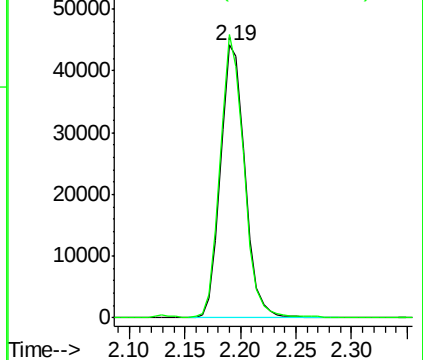
#8

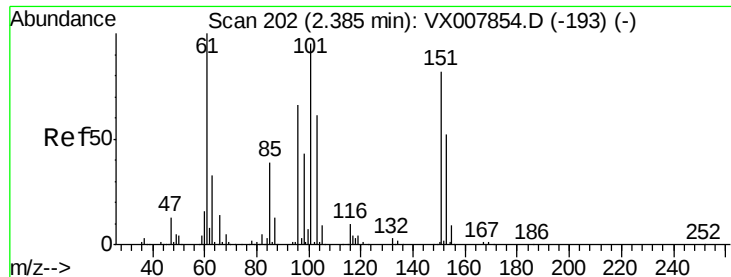
Diethyl Ether
Concen: 48.130 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Tgt Ion: 74 Resp: 66905
Ion Ratio Lower Upper
74 100
45 100.6 52.1 156.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.037 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

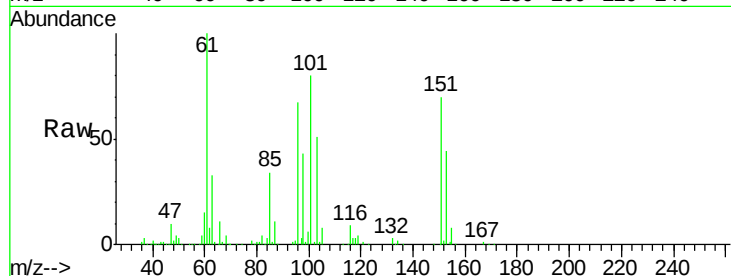
Tot Ion:101 Resp: 89593

Ion Ratio Lower Upper

101 100

85 42.3 33.8 50.6

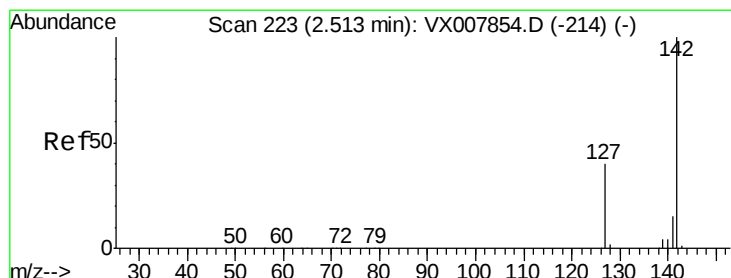
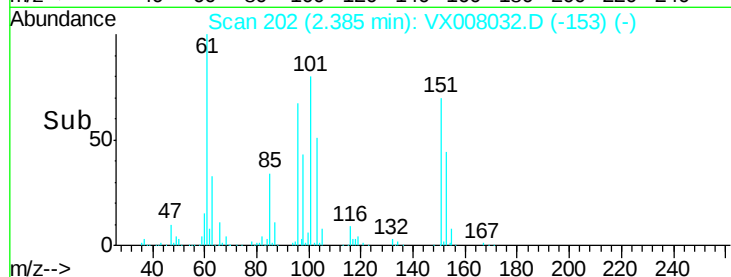
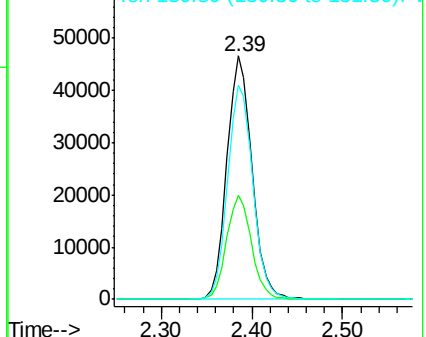
151 88.4 69.1 103.7



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: 52.737 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

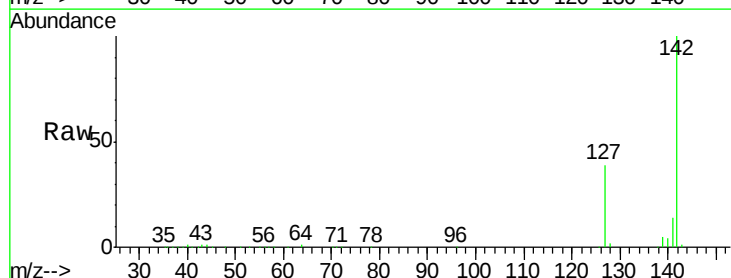
Tgt Ion:142 Resp: 148832

Ion Ratio Lower Upper

142 100

127 39.6 32.1 48.1

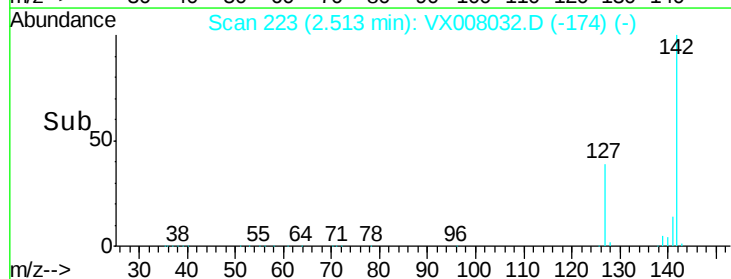
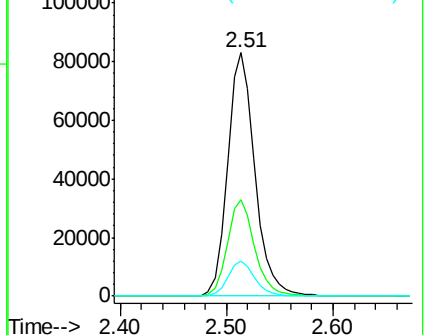
141 14.5 11.4 17.2

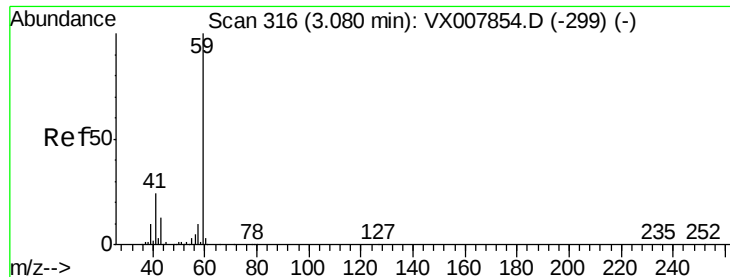


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



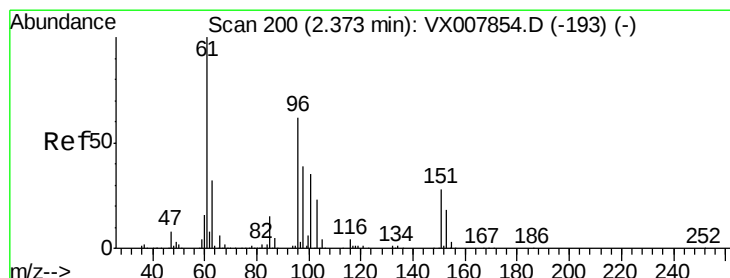
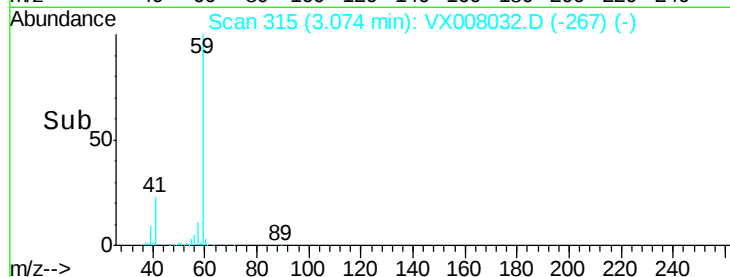
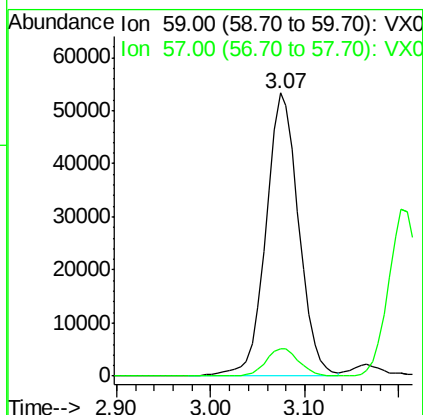
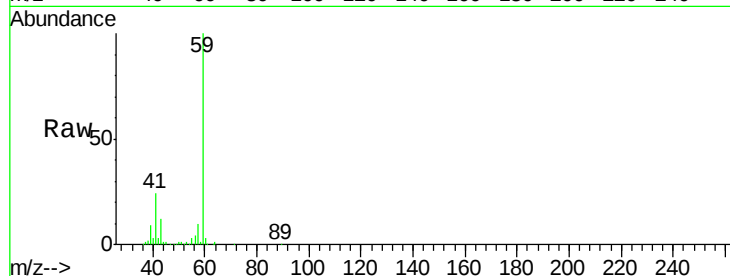


#11

Tert butyl alcohol
 Concen: 243.887 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX008032.D
 Acq: 12 Mar 2019 22:20

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05D-M20W2-030619MS

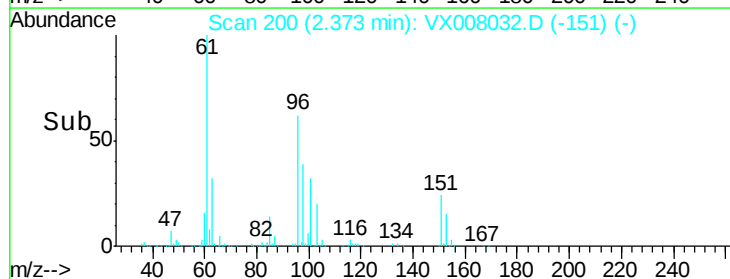
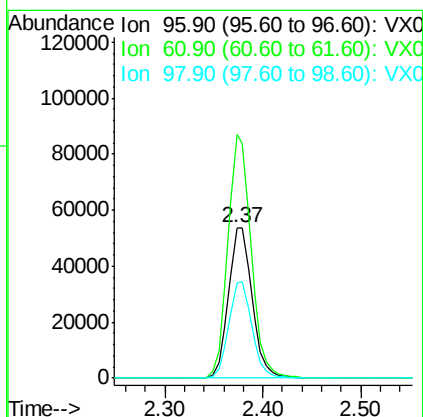
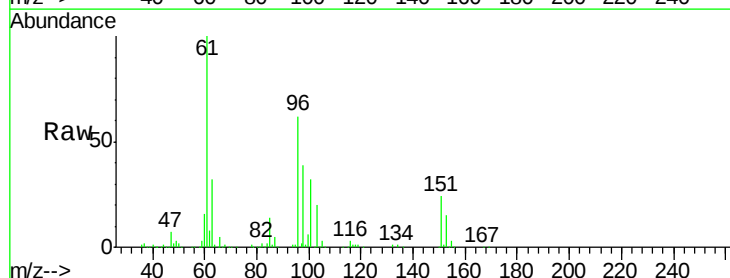
Tot Ion: 59 Resp: 129674
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.2



#12

1,1-Dichloroethene
 Concen: 47.138 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX008032.D
 Acq: 12 Mar 2019 22:20

Tgt Ion: 96 Resp: 90389
 Ion Ratio Lower Upper
 96 100
 61 161.9 129.8 194.6
 98 63.5 51.0 76.6





#13

Acrolein

Concen: 313.778 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

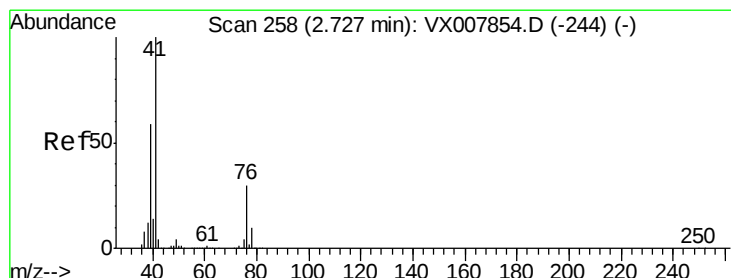
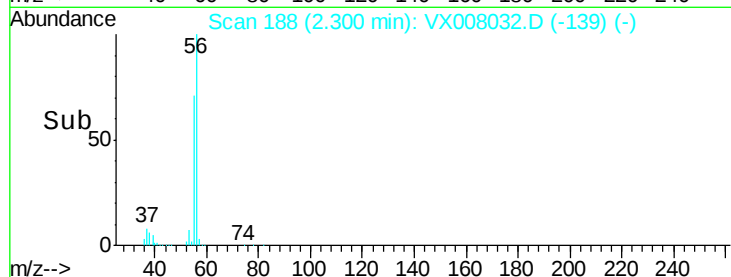
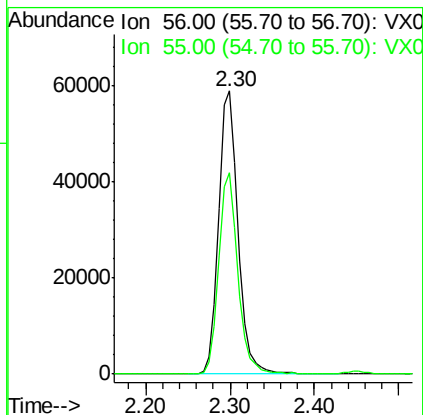
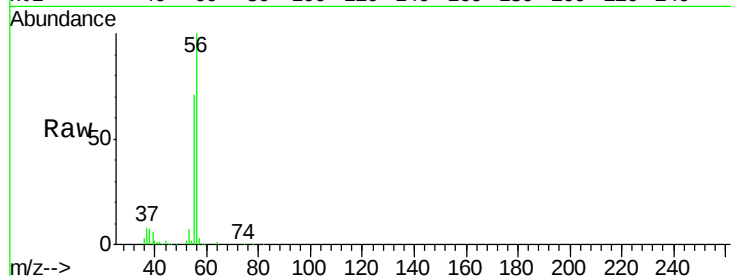
CPA-CPMW05D-M20W2-030619MS

Tot Ion: 56 Resp: 94532

Ion Ratio Lower Upper

56 100

55 70.3 57.8 86.6



#14

Allyl chloride

Concen: 44.622 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

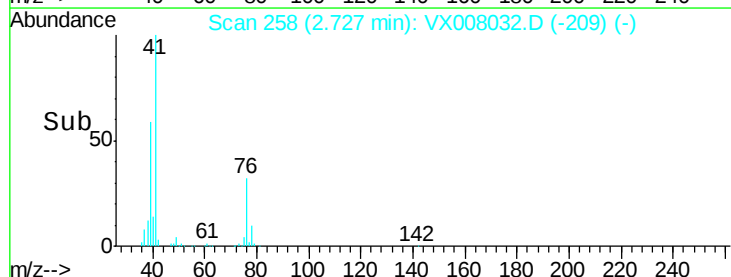
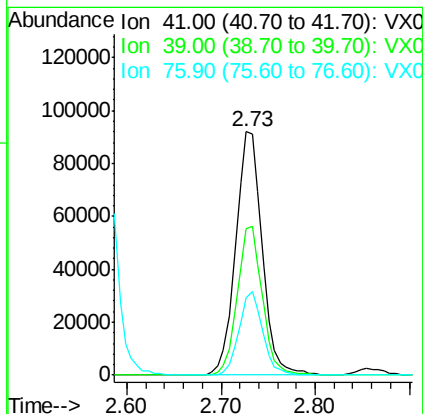
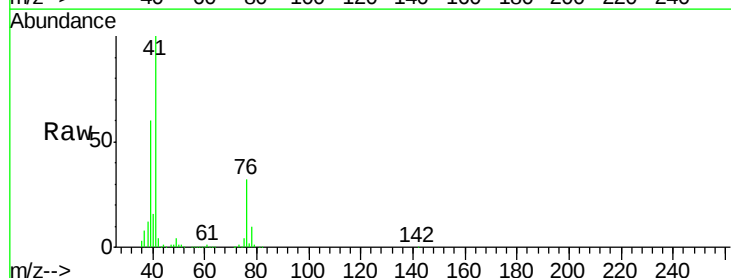
Tgt Ion: 41 Resp: 179798

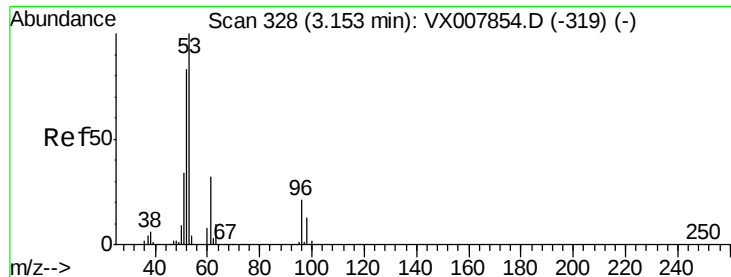
Ion Ratio Lower Upper

41 100

39 58.2 46.1 69.1

76 30.9 24.0 36.0





#15

Acrylonitrile

Concen: 235.803 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

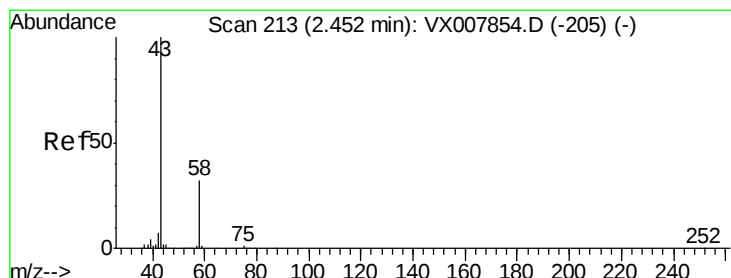
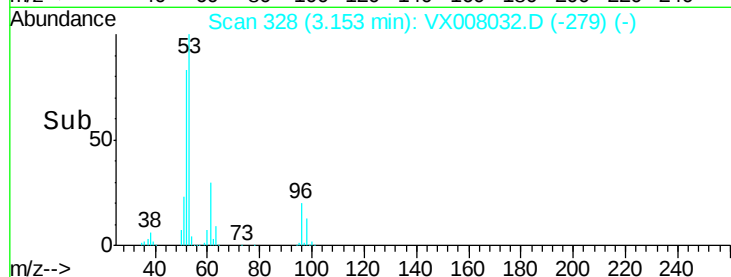
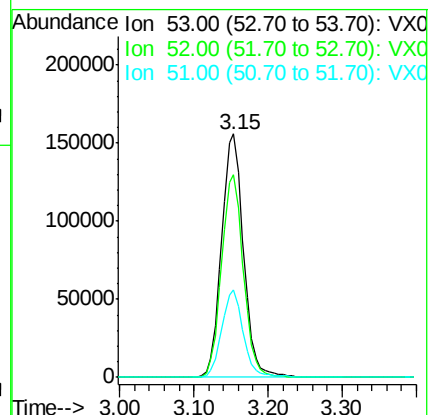
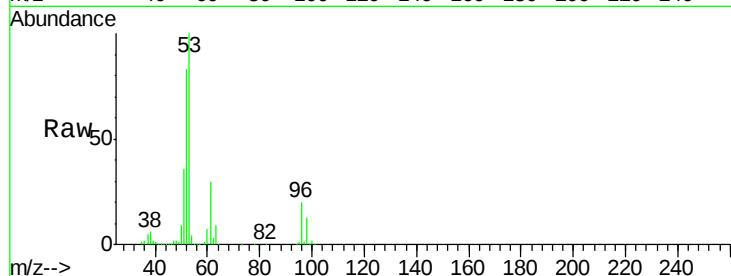
Tot Ion: 53 Resp: 316460

Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.0	99.0
51	35.3	28.0	42.0

53 100

52 82.9 66.0 99.0

51 35.3 28.0 42.0



#16

Acetone

Concen: 190.036 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX008032.D

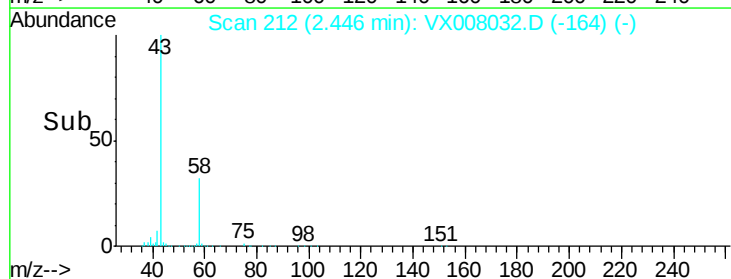
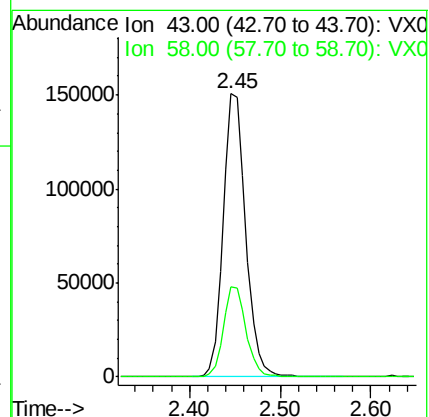
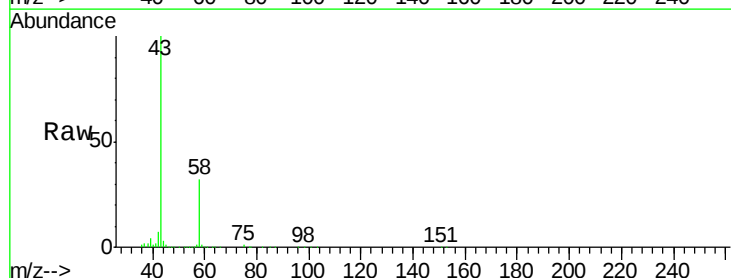
Acq: 12 Mar 2019 22:20

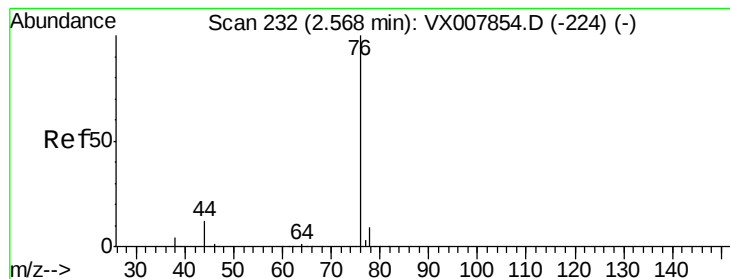
Tgt Ion: 43 Resp: 261515

Ion	Ratio	Lower	Upper
43	100		
58	31.8	25.5	38.3

43 100

58 31.8 25.5 38.3





#17

Carbon Disulfide

Concen: 45.561 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

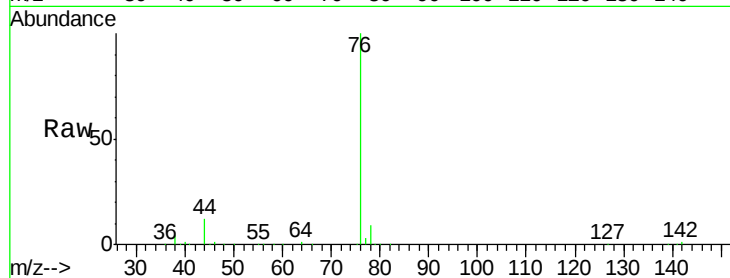
CPA-CPMW05D-M20W2-030619MS

Tot Ion: 76 Resp: 265539

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

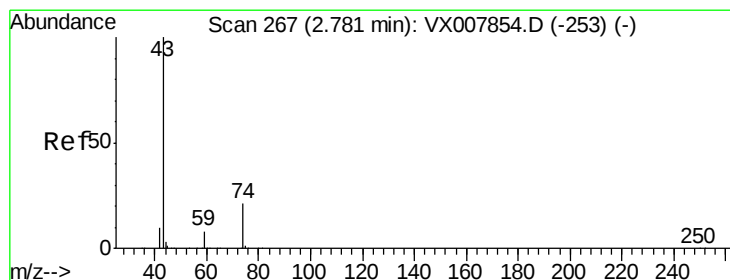
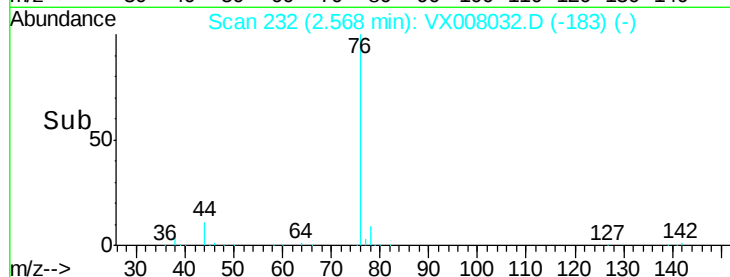
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 44.820 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX008032.D

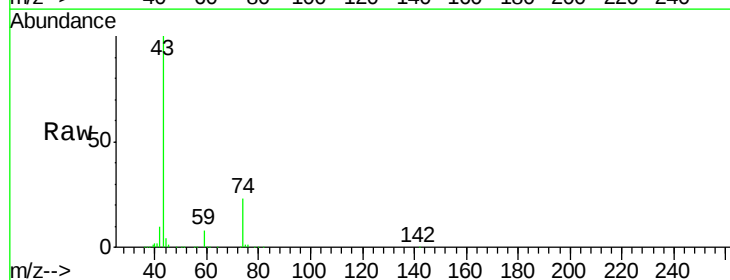
Acq: 12 Mar 2019 22:20

Tgt Ion: 43 Resp: 131033

Ion Ratio Lower Upper

43 100

74 22.9 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

80000

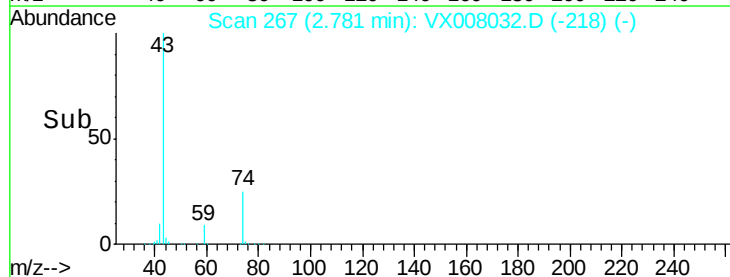
60000

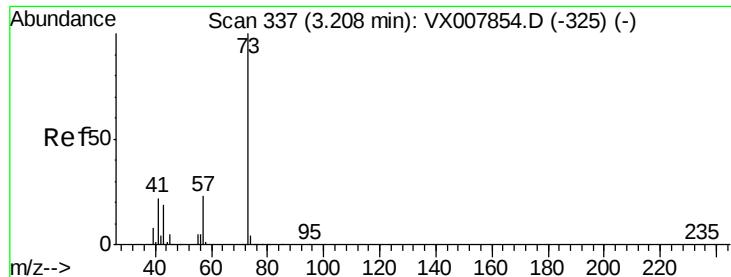
40000

20000

0

Time-->

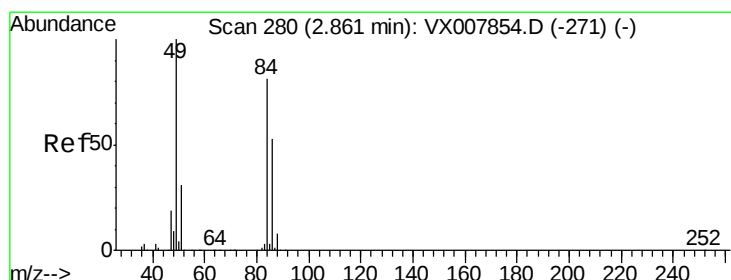
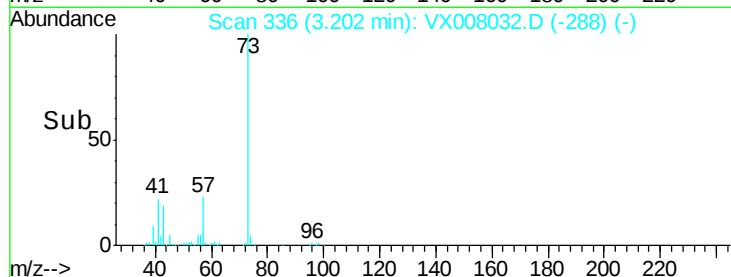
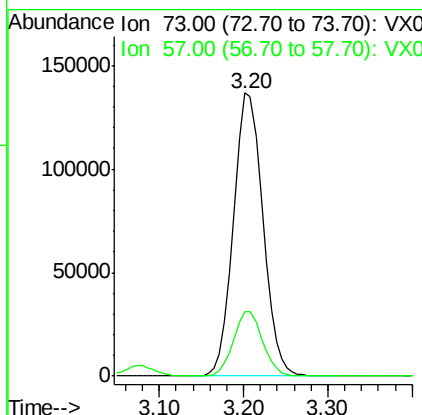
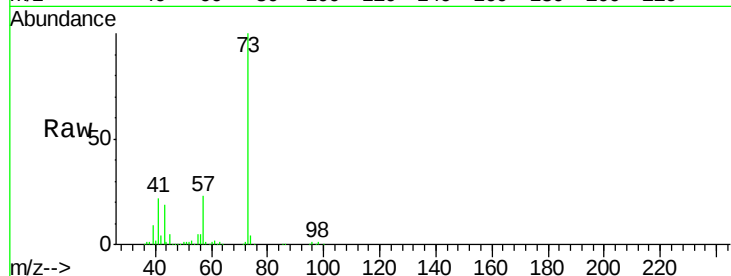




#19
Methyl tert-butyl Ether
Concen: 49.065 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

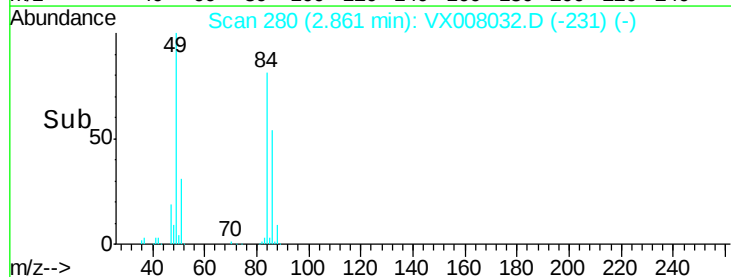
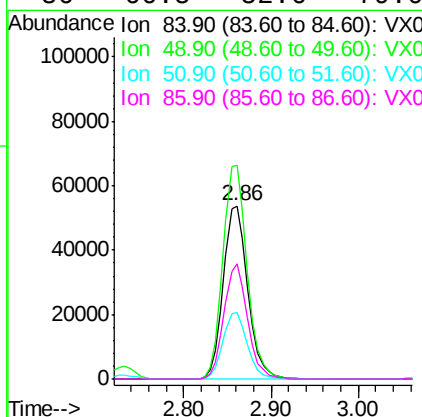
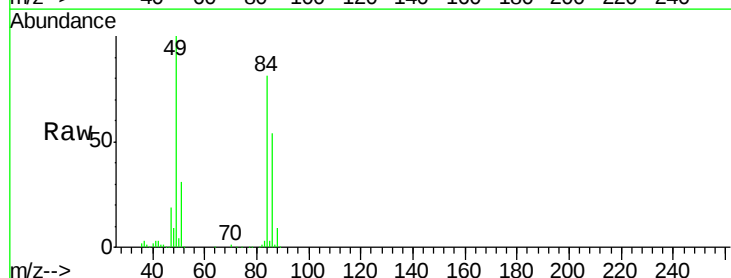
Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05D-M20W2-030619MS

Tot Ion: 73 Resp: 323677
Ion Ratio Lower Upper
73 100
57 23.0 18.2 27.4



#20
Methylene Chloride
Concen: 47.501 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Tgt Ion: 84 Resp: 104033
Ion Ratio Lower Upper
84 100
49 123.4 99.3 148.9
51 38.6 31.3 46.9
86 66.5 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 46.135 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

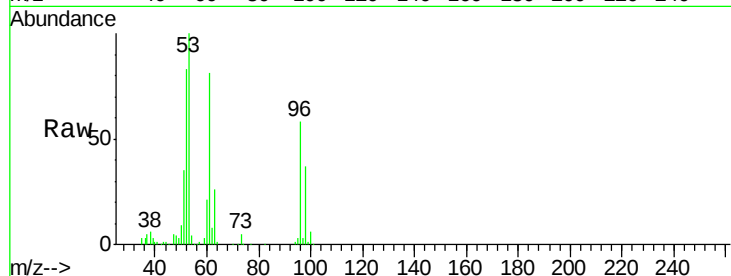
Tot Ion: 96 Resp: 97342

Ion Ratio Lower Upper

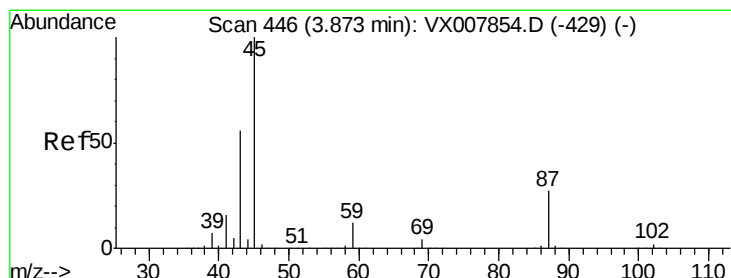
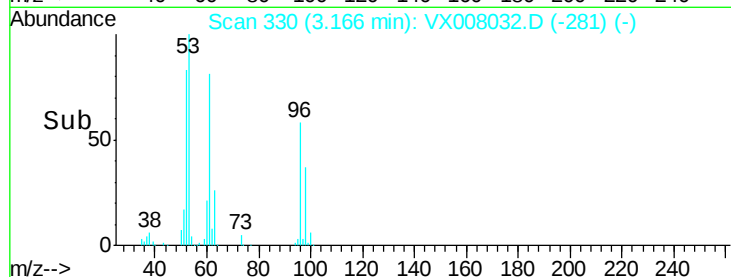
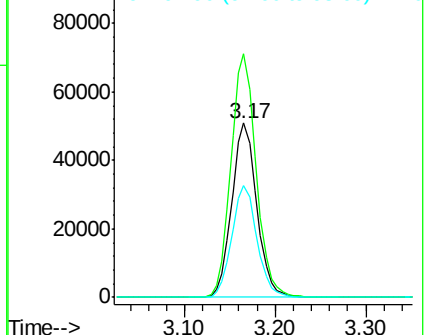
96 100

61 139.8 114.4 171.6

98 63.9 51.1 76.7



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: 47.384 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Tgt Ion: 45 Resp: 349988

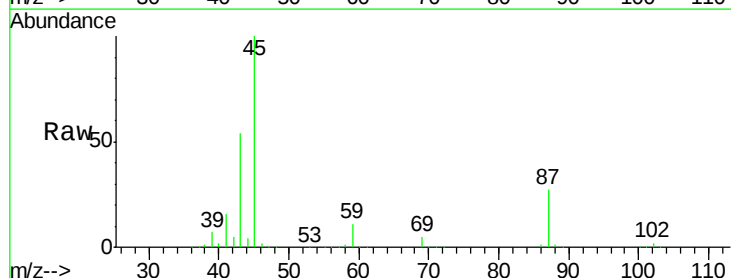
Ion Ratio Lower Upper

45 100

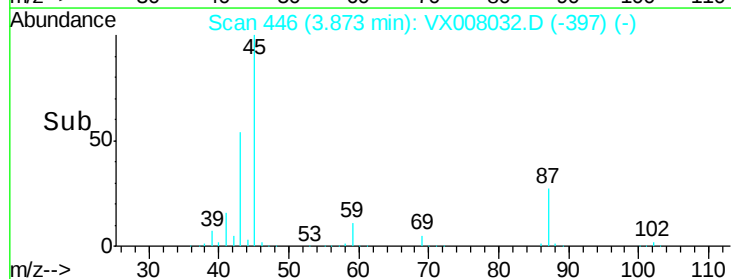
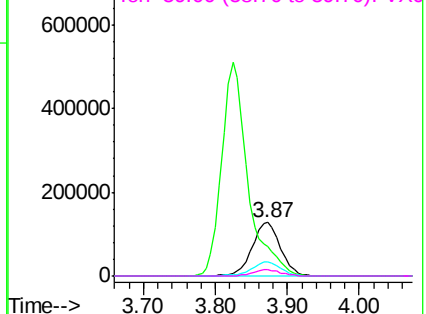
43 54.2 45.3 67.9

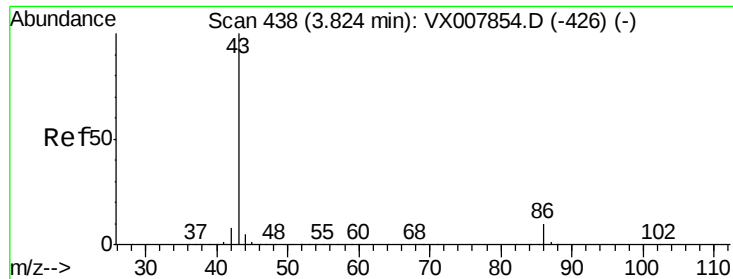
87 27.0 21.4 32.0

59 10.9 9.5 14.3



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: 201.281 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

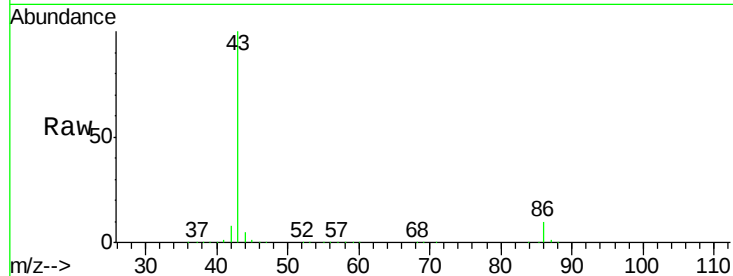
CPA-CPMW05D-M20W2-030619MS

Tot Ion: 43 Resp: 1303734

Ion Ratio Lower Upper

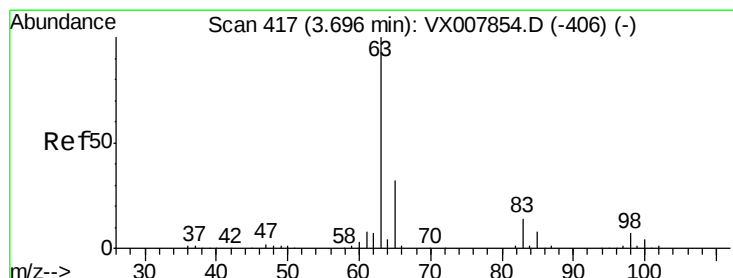
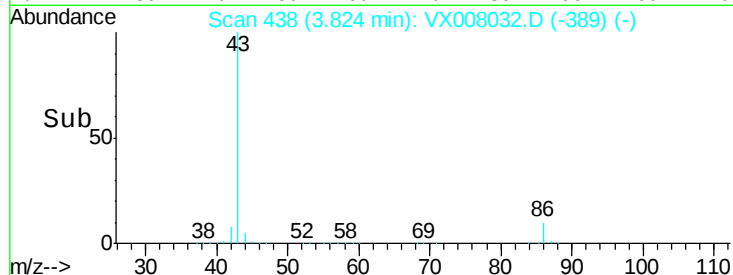
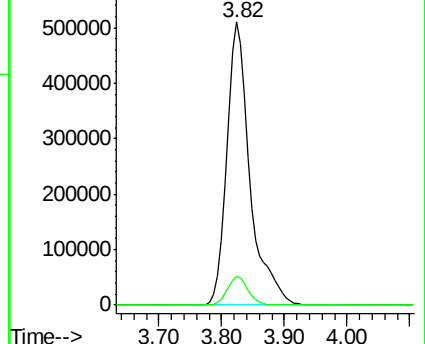
43 100

86 10.1 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX008032.D (-389) (-)

Ion 86.00 (85.70 to 86.70): VX008032.D (-389) (-)



#24

1,1-Dichloroethane

Concen: 47.758 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

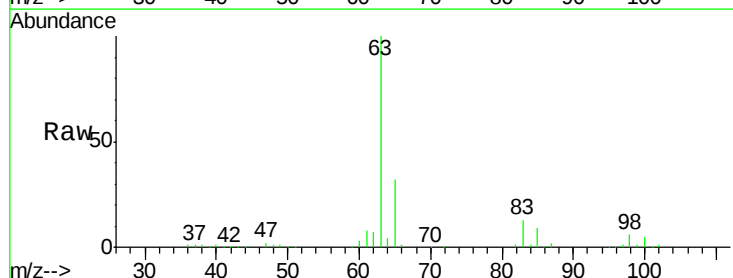
Tgt Ion: 63 Resp: 189833

Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.8

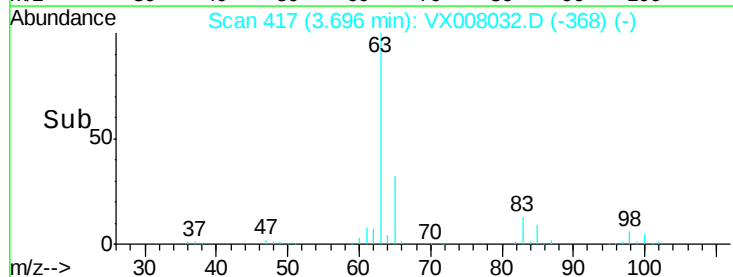
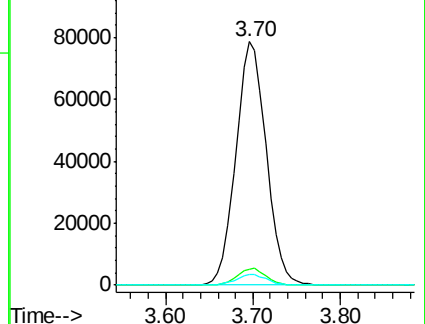
100 4.5 2.3 6.8

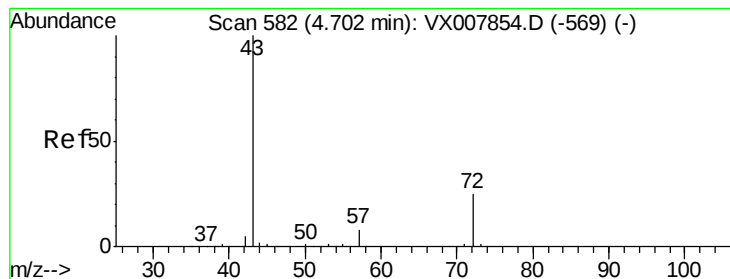


Abundance Ion 62.90 (62.60 to 63.60): VX008032.D (-368) (-)

Ion 97.90 (97.60 to 98.60): VX008032.D (-368) (-)

Ion 99.90 (99.60 to 100.60): VX008032.D (-368) (-)





#25

2-Butanone

Concen: 223.732 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

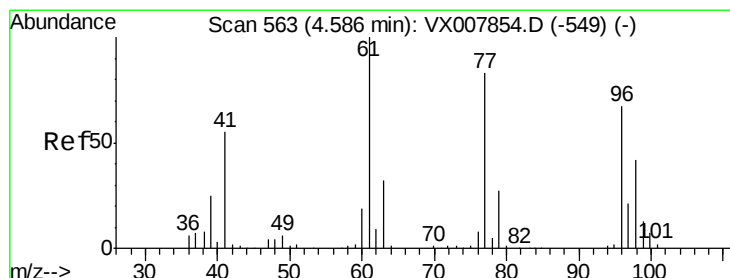
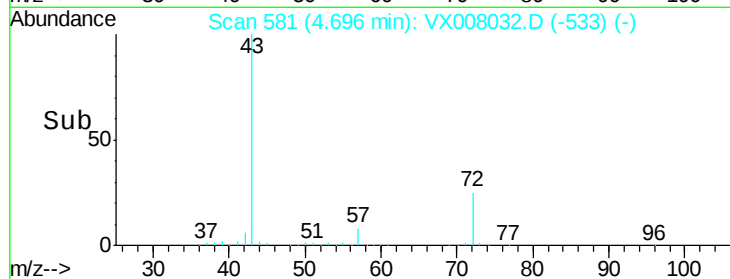
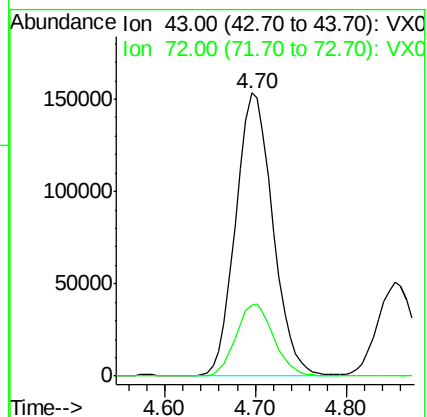
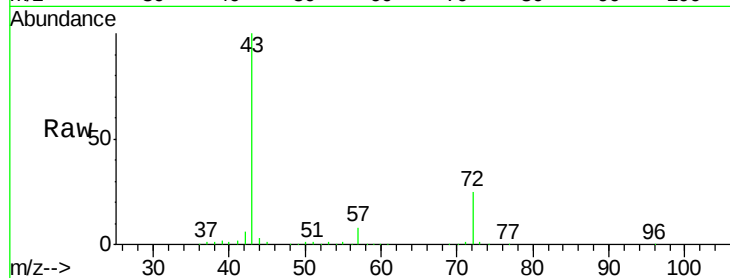
CPA-CPMW05D-M20W2-030619MS

Tot Ion: 43 Resp: 435885

Ion Ratio Lower Upper

43 100

72 25.2 19.9 29.9



#26

2,2-Dichloropropane

Concen: 42.444 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX008032.D

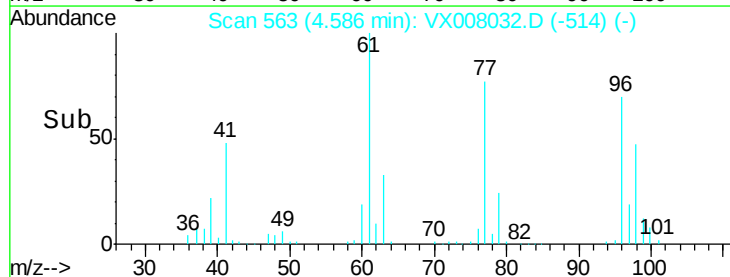
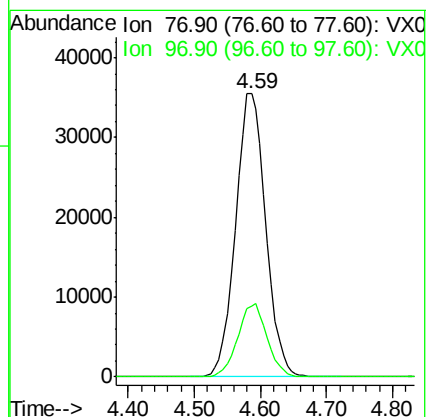
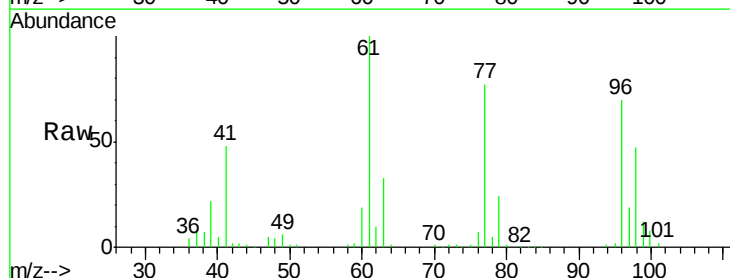
Acq: 12 Mar 2019 22:20

Tgt Ion: 77 Resp: 111772

Ion Ratio Lower Upper

77 100

97 25.2 12.2 36.6



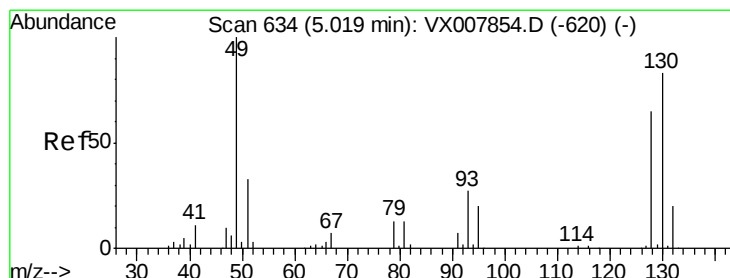
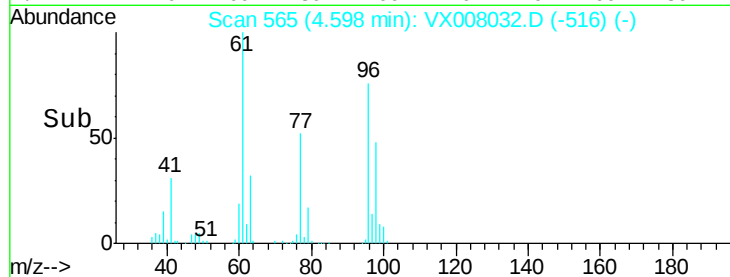
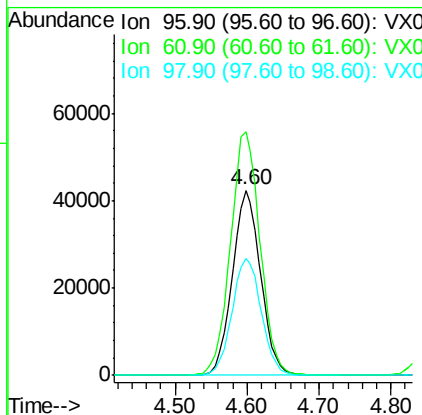
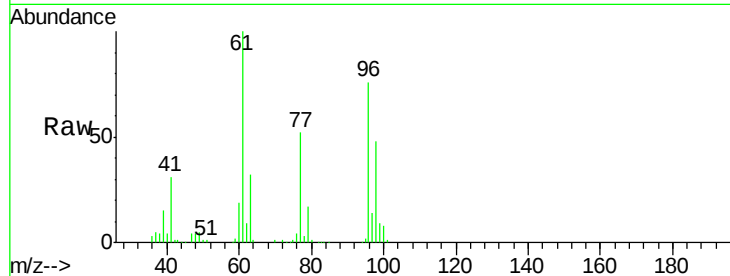


#27

cis-1,2-Dichloroethene
Concen: 47.679 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05D-M20W2-030619MS

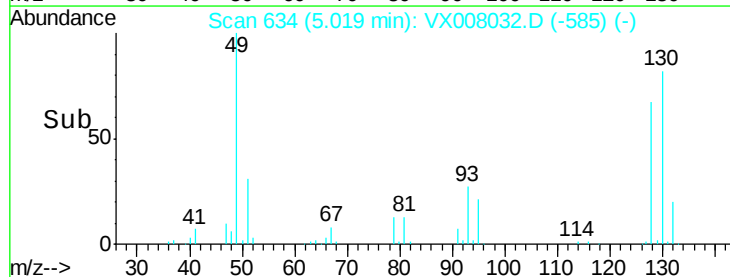
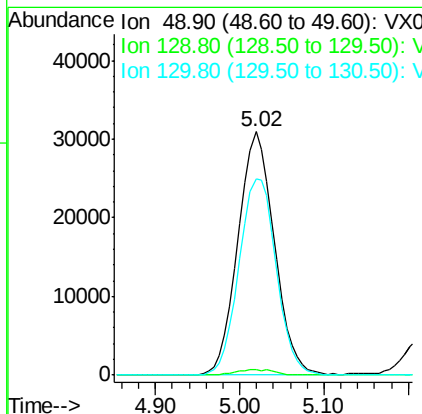
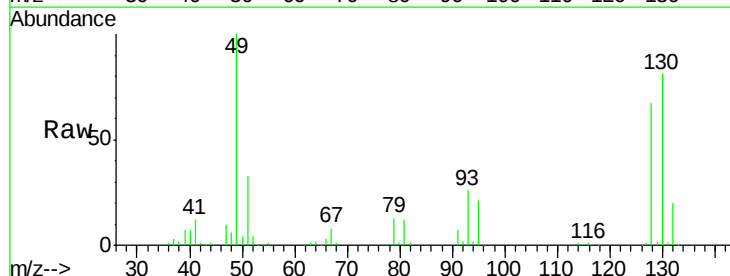
Tot Ion: 96 Resp: 115114
Ion Ratio Lower Upper
96 100
61 138.6 0.0 288.0
98 65.6 0.0 129.0



#28

Bromochloromethane
Concen: 48.892 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Tgt Ion: 49 Resp: 90603
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.0
130 82.7 65.0 97.4

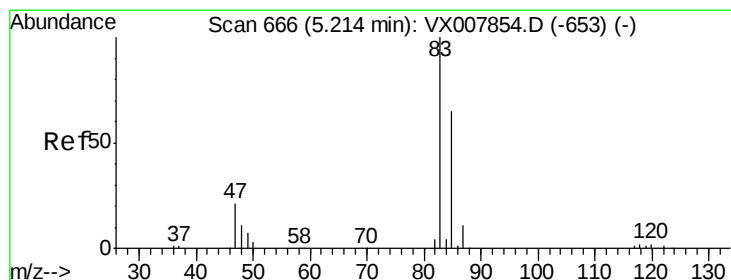
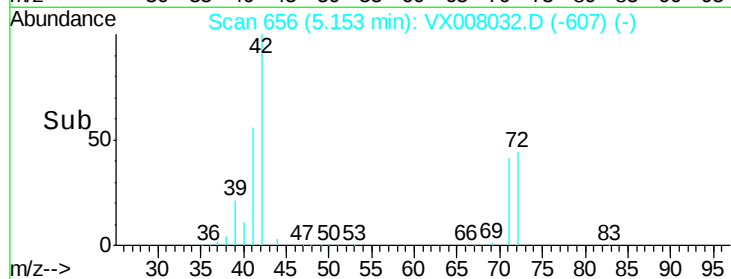
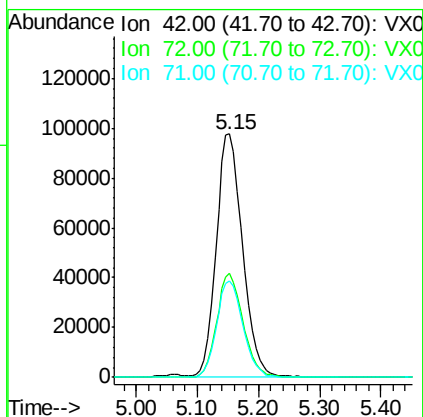
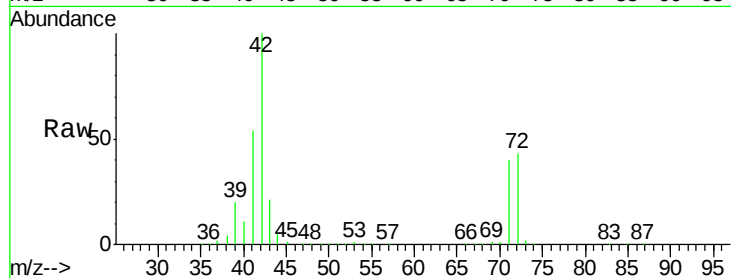




#29
Tetrahydrofuran
Concen: 240.705 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

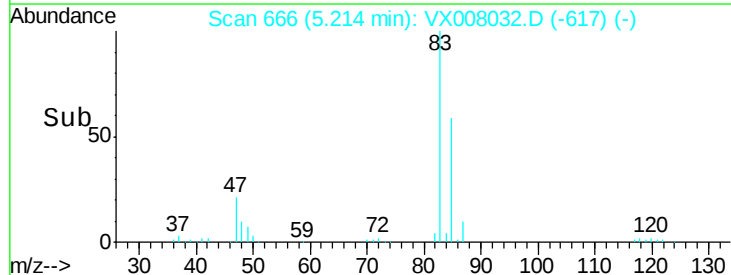
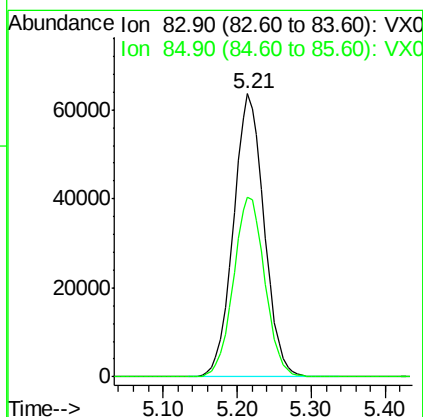
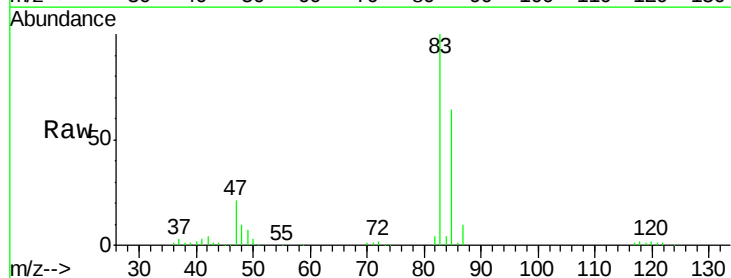
Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05D-M20W2-030619MS

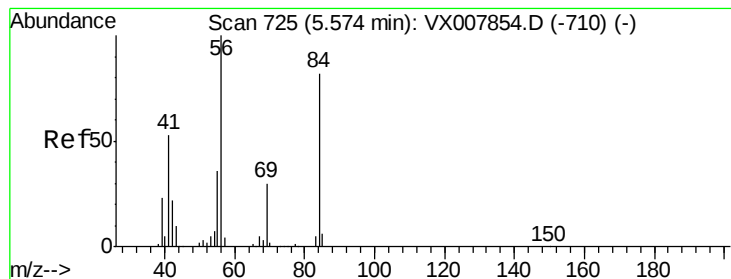
Tot Ion: 42 Resp: 292516
Ion Ratio Lower Upper
42 100
72 42.7 33.8 50.6
71 39.8 31.5 47.3



#30
Chloroform
Concen: 48.843 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Tgt Ion: 83 Resp: 183650
Ion Ratio Lower Upper
83 100
85 63.7 51.8 77.6





#31

Cyclohexane

Concen: 45.423 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

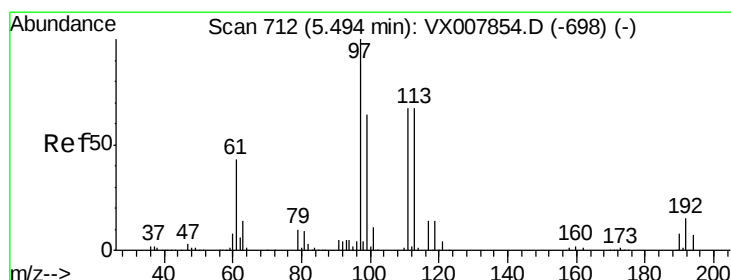
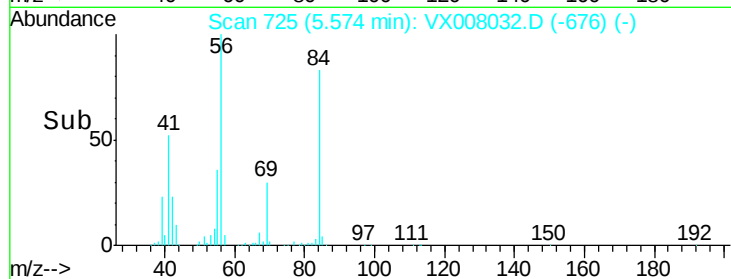
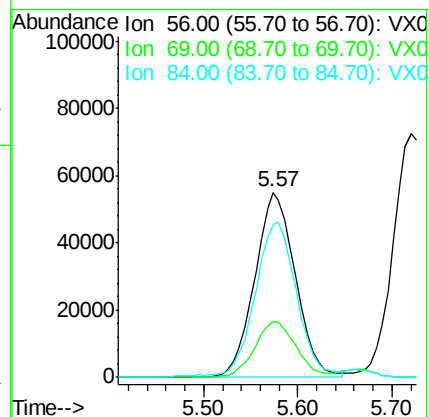
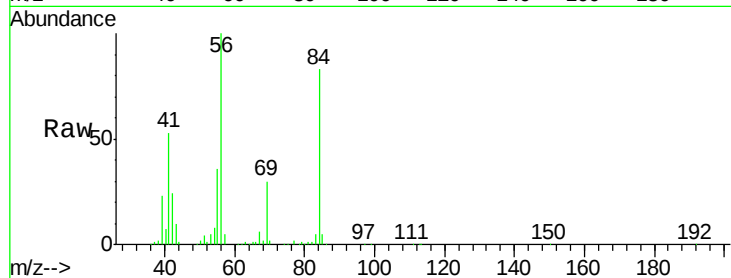
Tot Ion: 56 Resp: 165939

Ion Ratio Lower Upper

56 100

69 30.2 24.0 36.0

84 81.3 65.3 97.9



#32

1,1,1-Trichloroethane

Concen: 49.636 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

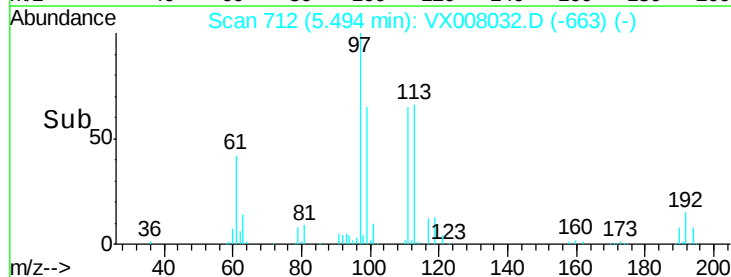
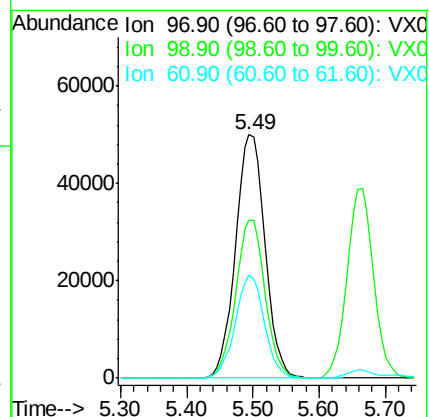
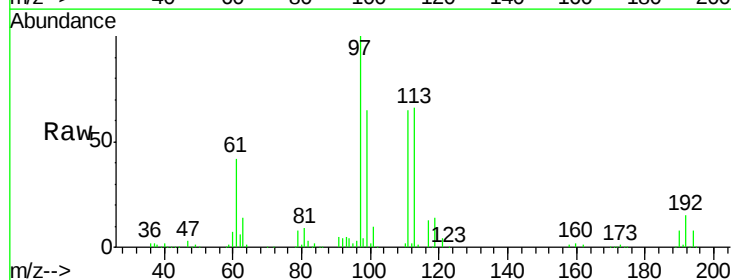
Tgt Ion: 97 Resp: 154848

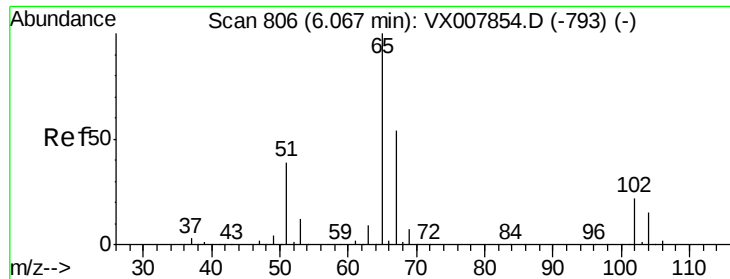
Ion Ratio Lower Upper

97 100

99 64.5 52.2 78.2

61 41.6 34.9 52.3

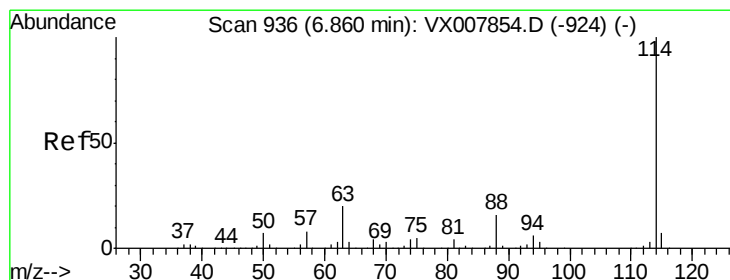
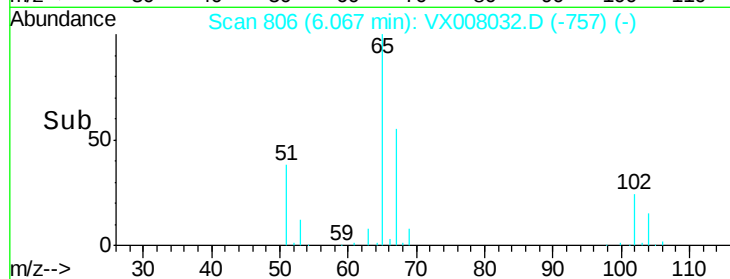
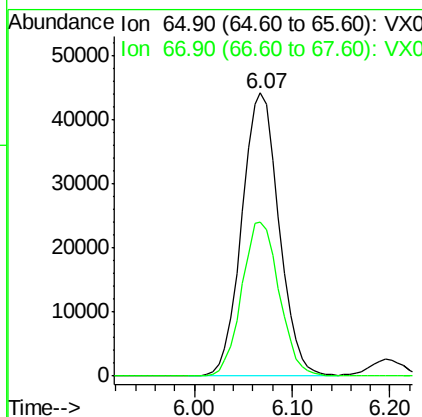
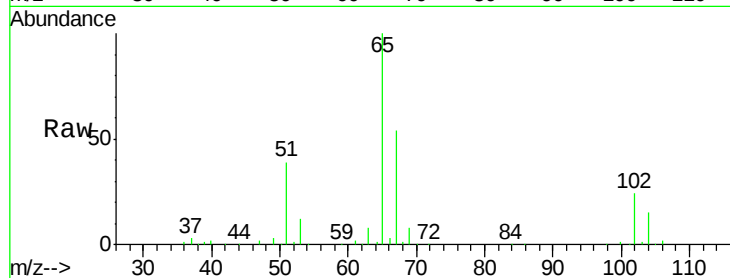




#33
 1,2-Dichloroethane-d4
 Concen: 48.929 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX008032.D
 Acq: 12 Mar 2019 22:20

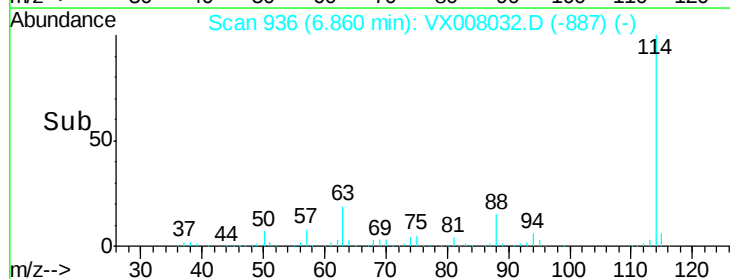
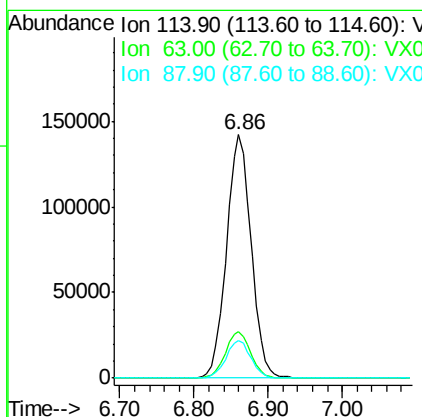
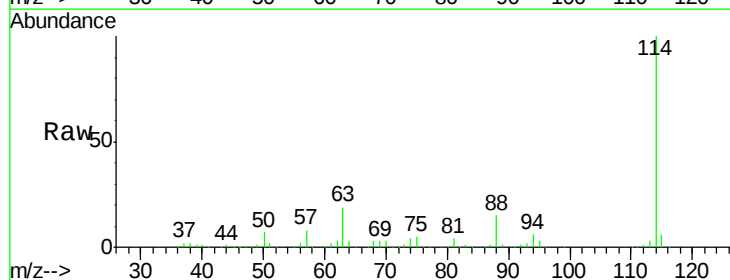
Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05D-M20W2-030619MS

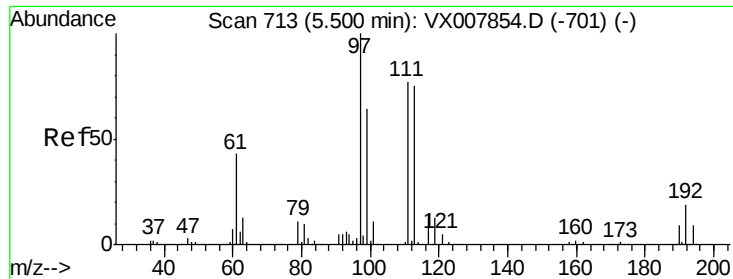
Tot Ion: 65 Resp: 116331
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008032.D
 Acq: 12 Mar 2019 22:20

Tgt Ion: 114 Resp: 328912
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.8
 88 15.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.972 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

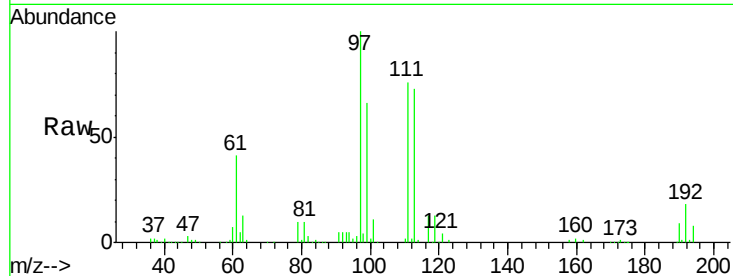
Tot Ion:113 Resp: 103035

Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

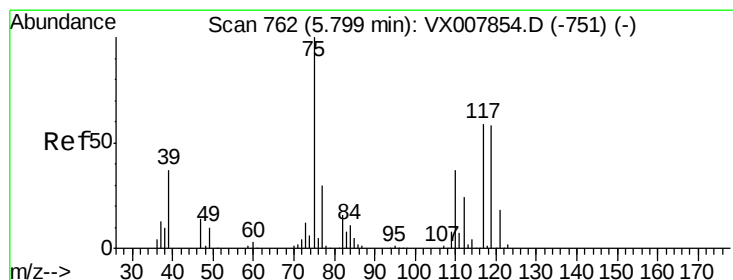
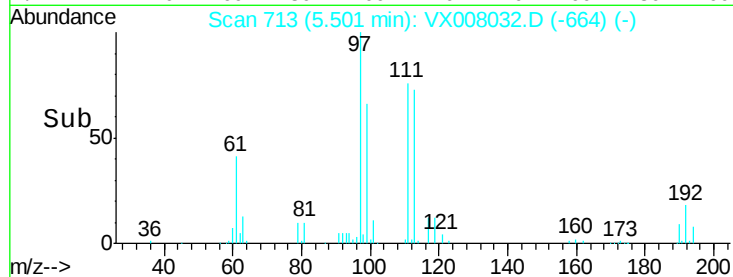
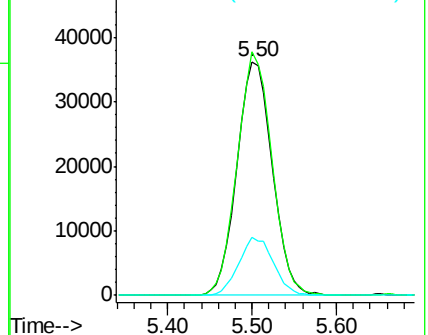
192 24.2 19.4 29.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.250 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

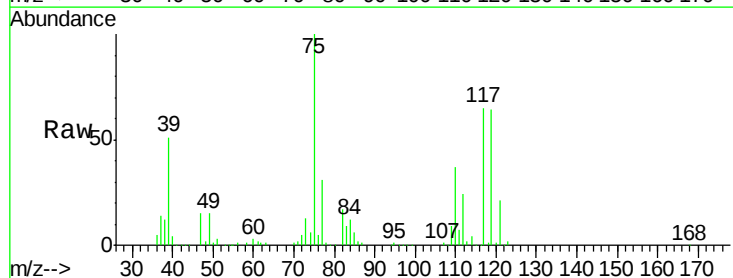
Tgt Ion: 75 Resp: 137744

Ion Ratio Lower Upper

75 100

110 36.7 18.4 55.0

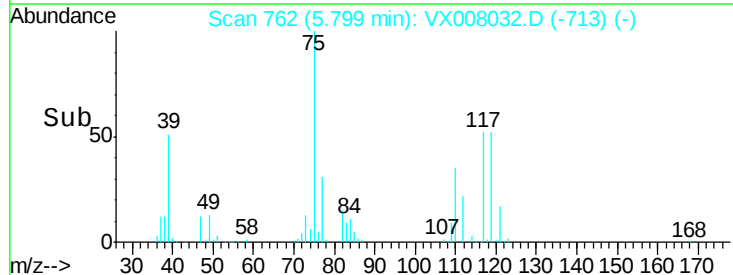
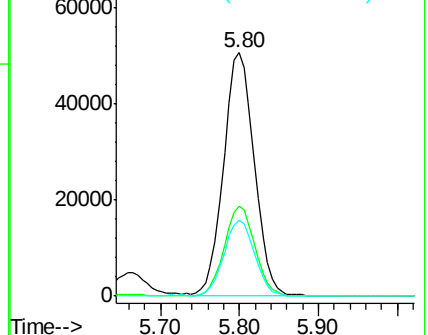
77 31.3 25.0 37.4

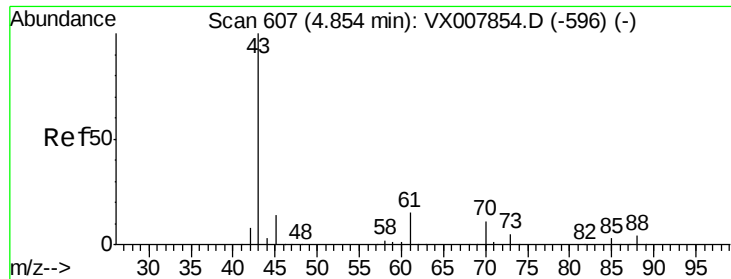


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 41.410 ug/l

RT: 4.85 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

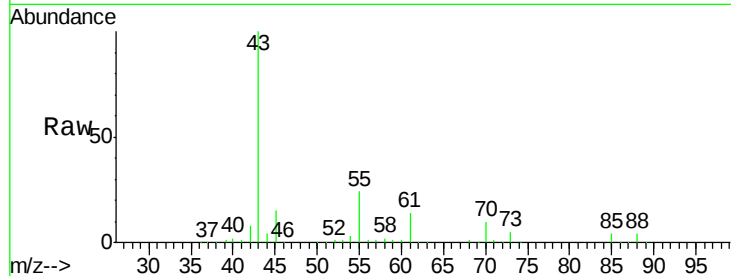
Tot Ion: 43 Resp: 146355

Ion Ratio Lower Upper

43 100

61 14.6 11.3 16.9

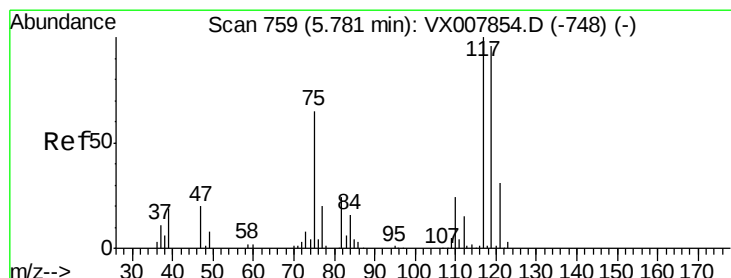
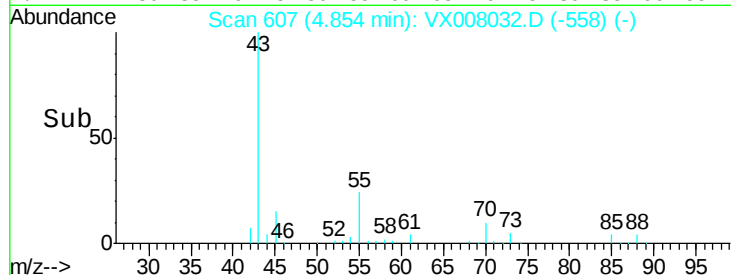
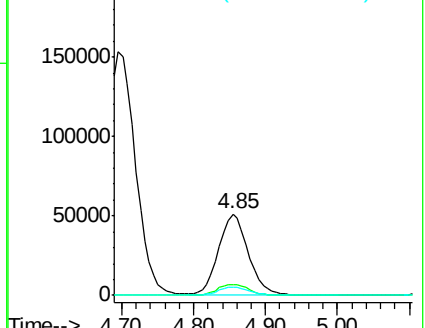
70 10.9 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 47.999 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

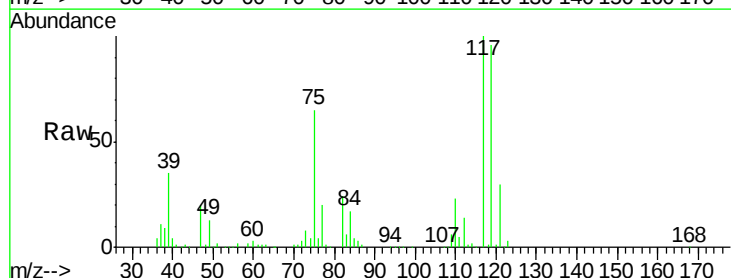
Tgt Ion: 117 Resp: 135714

Ion Ratio Lower Upper

117 100

119 95.6 76.2 114.2

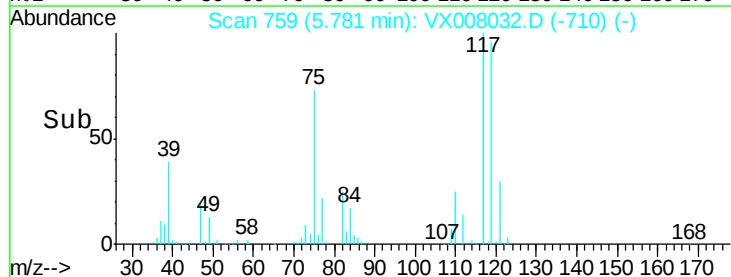
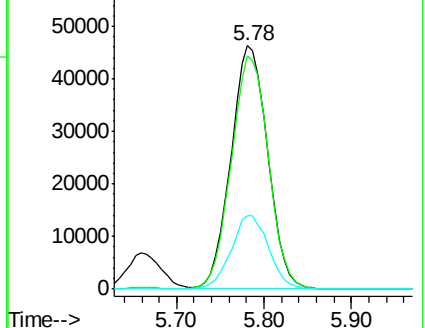
121 30.3 24.6 36.8

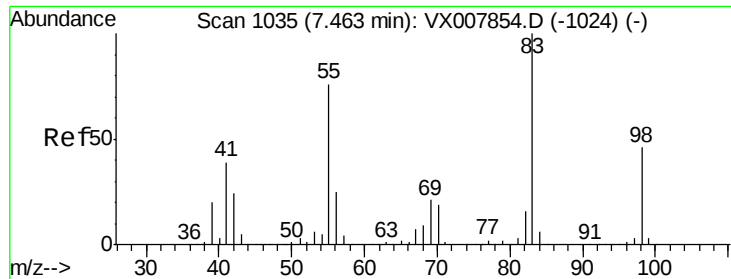


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

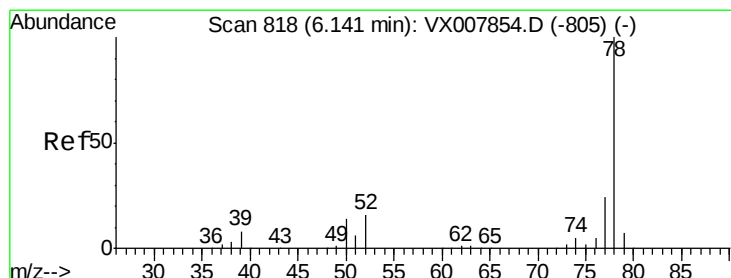
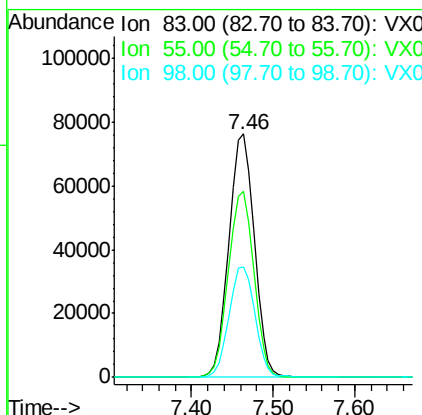
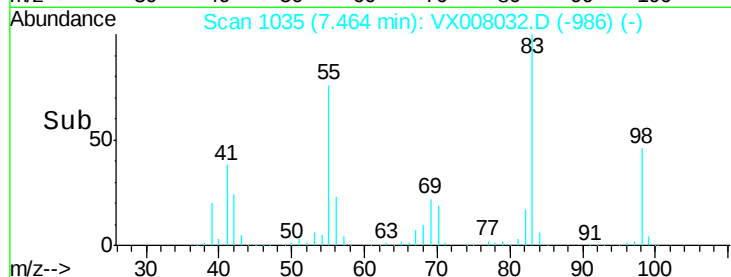
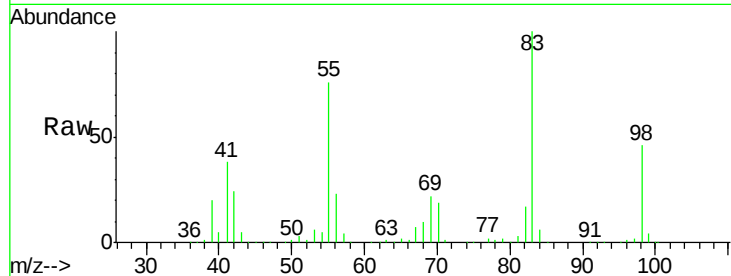




#39
Methvlcvclohexane
Concen: 45.507 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

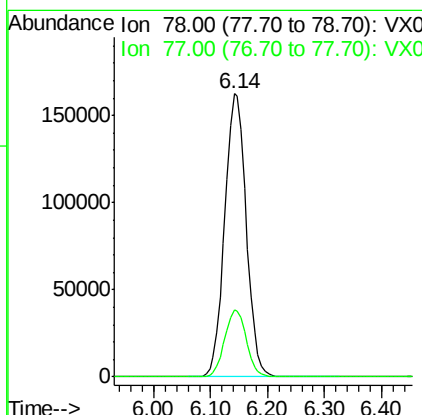
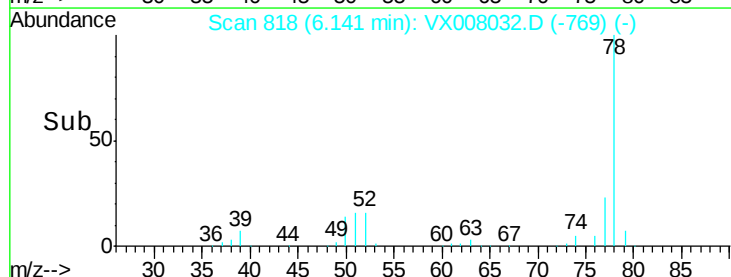
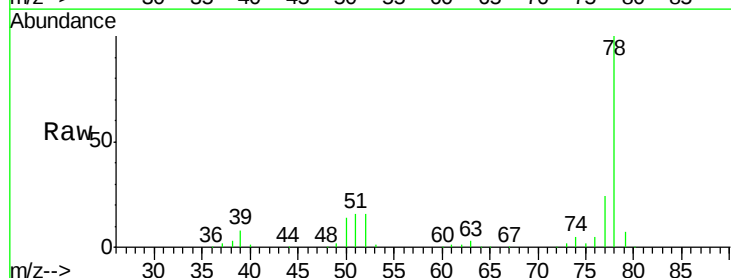
Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05D-M20W2-030619MS

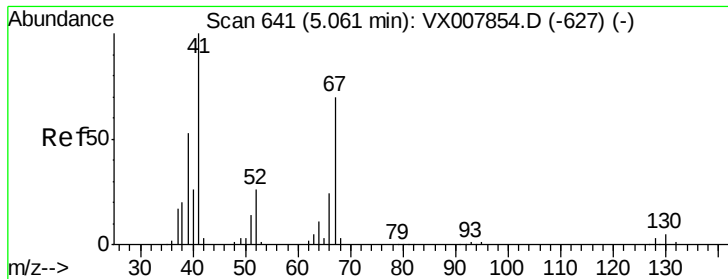
Tot Ion: 83 Resp: 164224
Ion Ratio Lower Upper
83 100
55 76.2 60.4 90.6
98 45.5 36.5 54.7



#40
Benzene
Concen: 48.338 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Tgt Ion: 78 Resp: 428582
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4

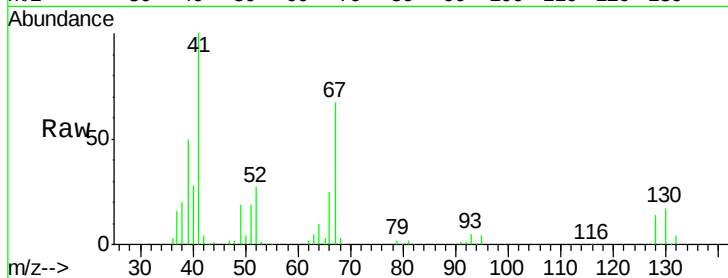




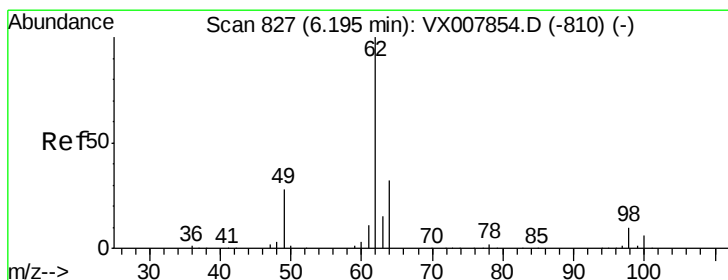
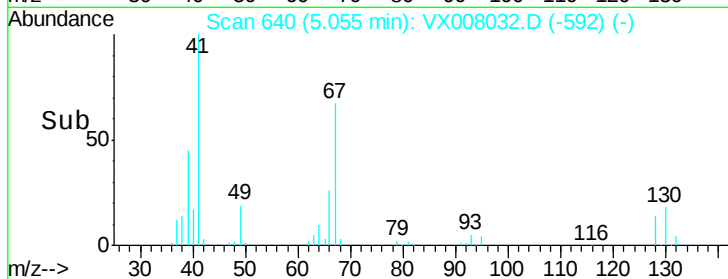
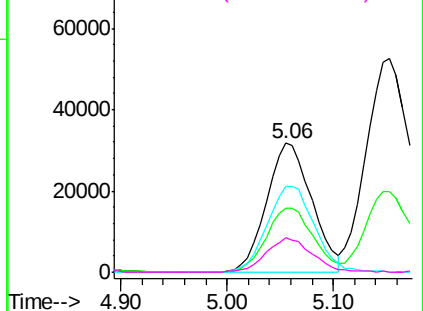
#41
Methacrylonitrile
Concen: 48.637 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05D-M20W2-030619MS

Tot Ion:	41	Resp:	93717
Ion	Ratio	Lower	Upper
41	100		
39	51.4	41.6	62.4
67	69.4	55.8	83.6
52	27.7	21.7	32.5

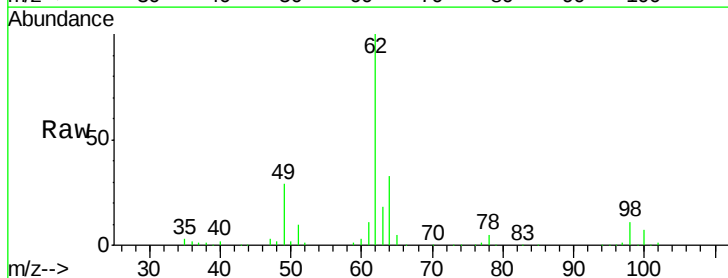


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

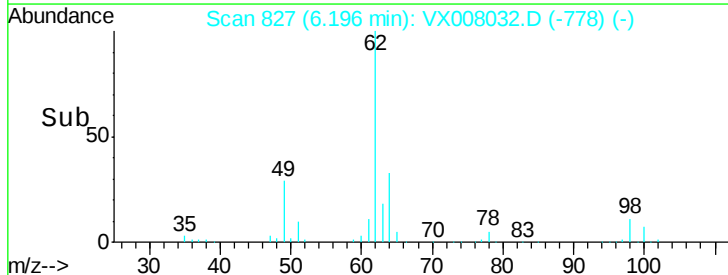
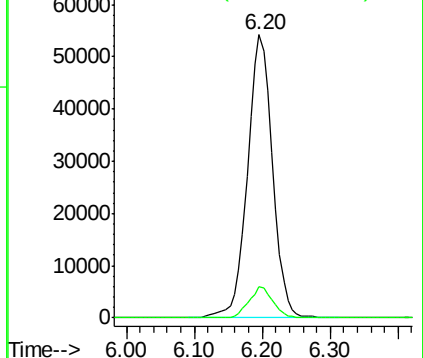


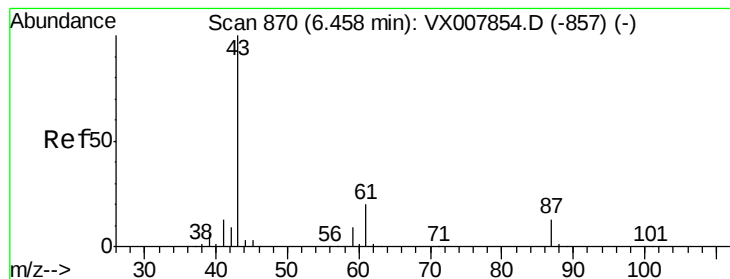
#42
1,2-Dichloroethane
Concen: 48.037 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Tgt Ion:	62	Resp:	139287
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.4



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





#43

Isopropyl Acetate

Concen: 44.906 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

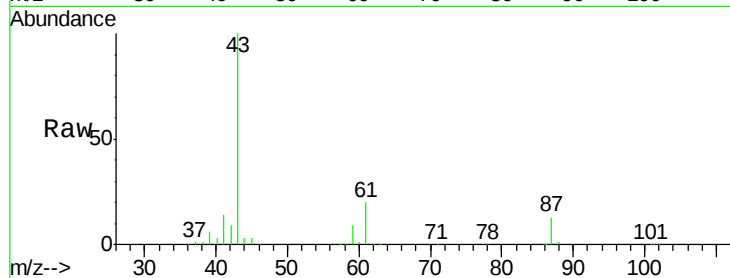
Tot Ion: 43 Resp: 234884

Ion Ratio Lower Upper

43 100

61 20.5 16.3 24.5

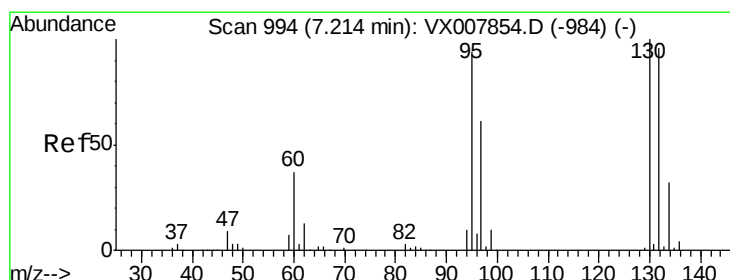
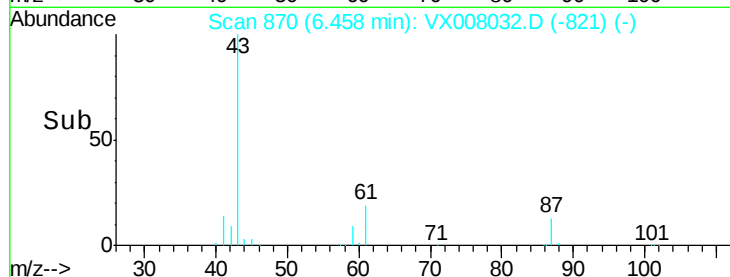
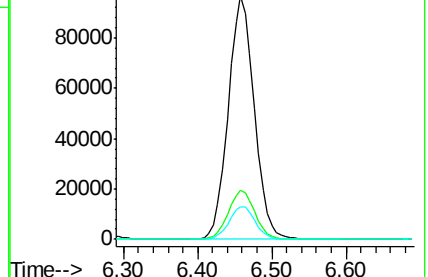
87 13.6 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX007854.D (-857) (-)

Ion 61.00 (60.70 to 61.70): VX007854.D (-857) (-)

Ion 87.00 (86.70 to 87.70): VX007854.D (-857) (-)



#44

Trichloroethene

Concen: 48.541 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008032.D

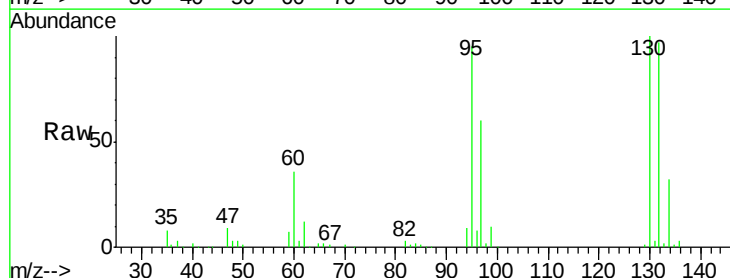
Acq: 12 Mar 2019 22:20

Tgt Ion: 130 Resp: 118605

Ion Ratio Lower Upper

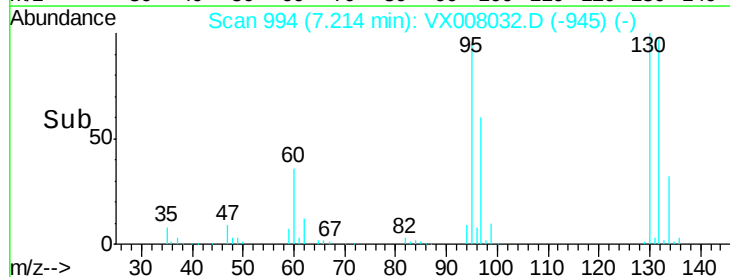
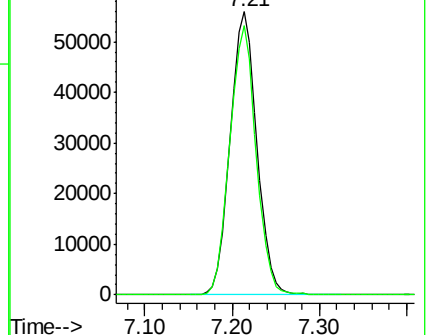
130 100

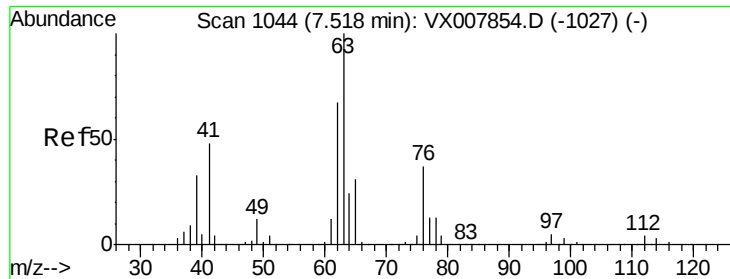
95 95.0 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VX007854.D (-984) (-)

Ion 94.90 (94.60 to 95.60): VX007854.D (-984) (-)





#45

1,2-Dichloropropane

Concen: 49.093 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

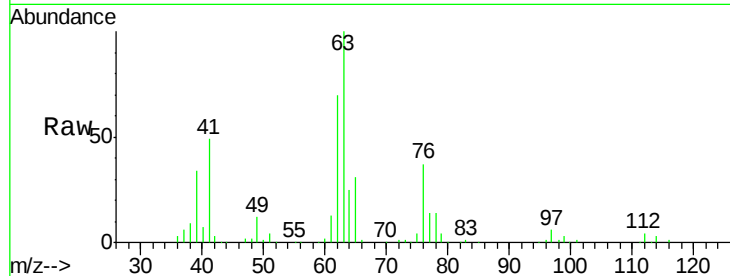
CPA-CPMW05D-M20W2-030619MS

Tot Ion: 63 Resp: 114965

Ion Ratio Lower Upper

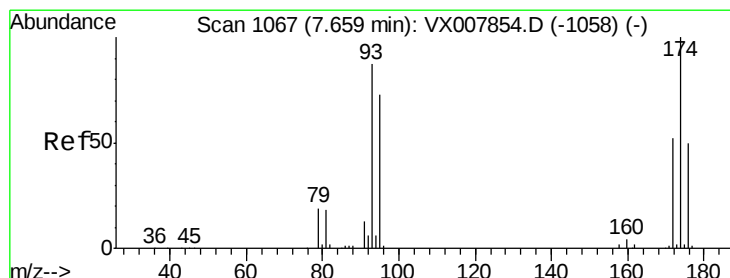
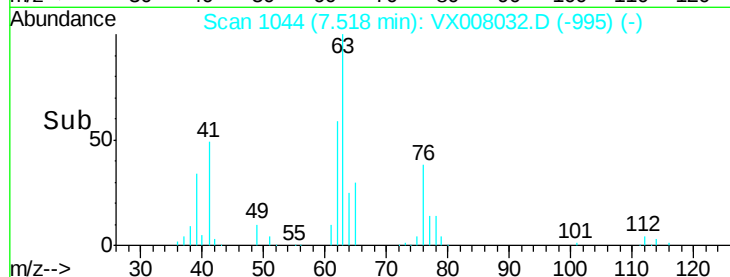
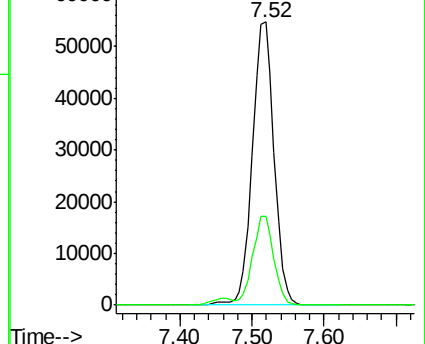
63 100

65 31.4 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.472 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

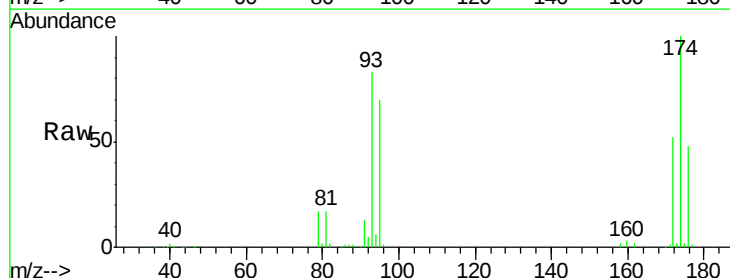
Tgt Ion: 93 Resp: 71835

Ion Ratio Lower Upper

93 100

95 83.9 66.8 100.2

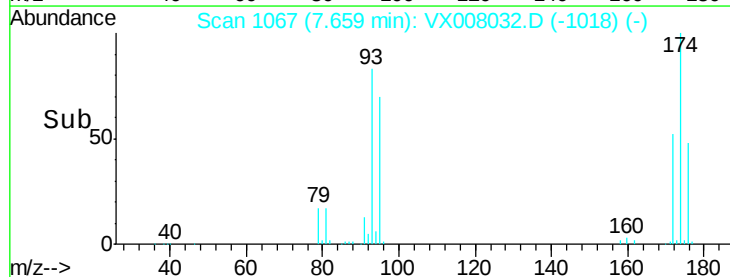
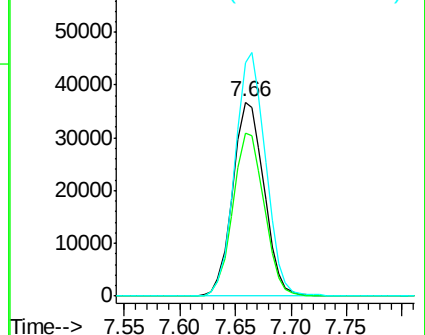
174 123.0 97.3 145.9

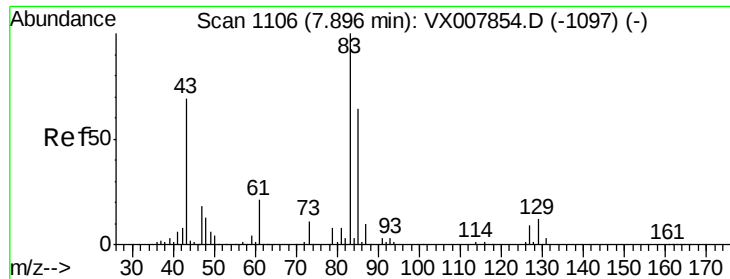


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.760 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

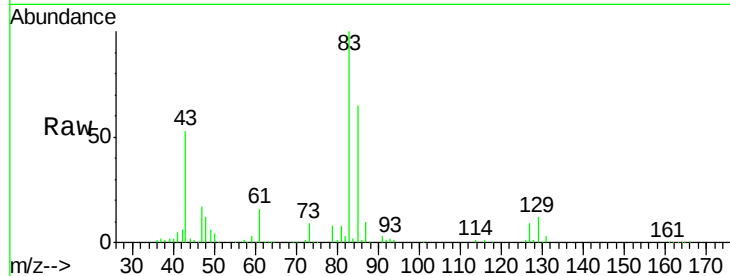
Tot Ion: 83 Resp: 137004

Ion Ratio Lower Upper

83 100

85 65.0 50.9 76.3

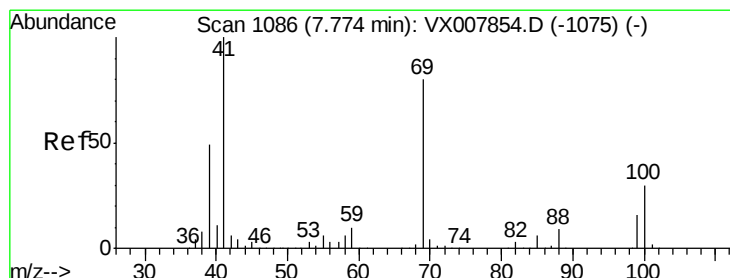
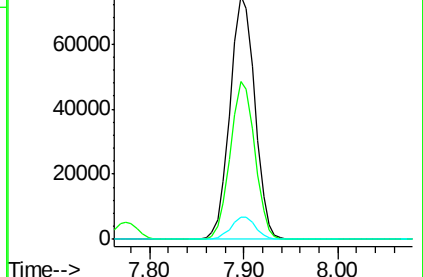
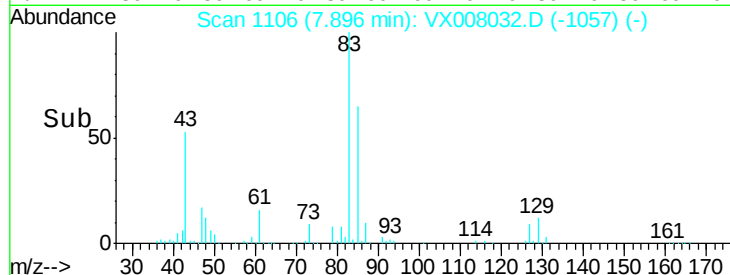
127 9.0 7.4 11.0



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: 48.848 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

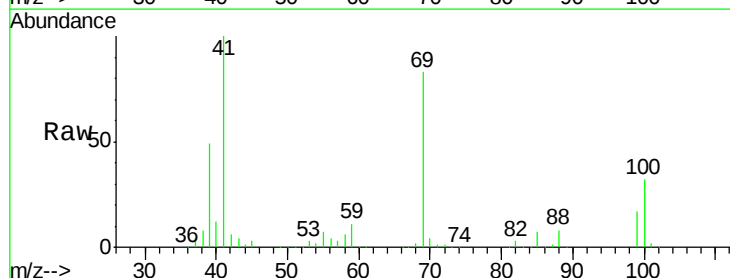
Tgt Ion: 41 Resp: 134334

Ion Ratio Lower Upper

41 100

69 82.9 65.2 97.8

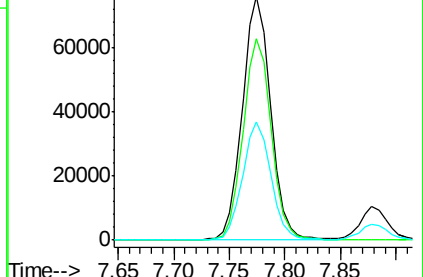
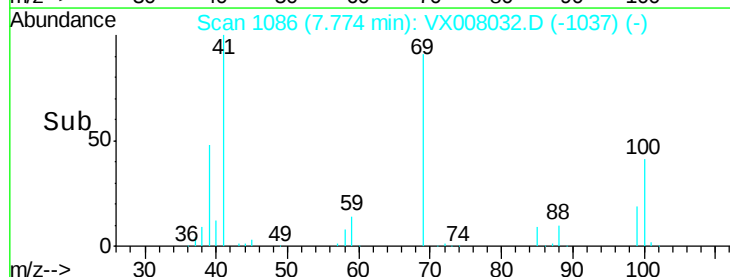
39 48.9 39.4 59.2

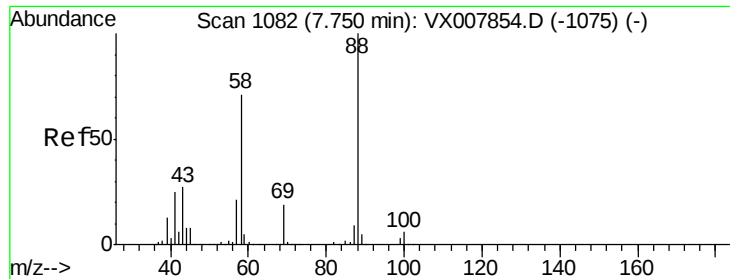


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

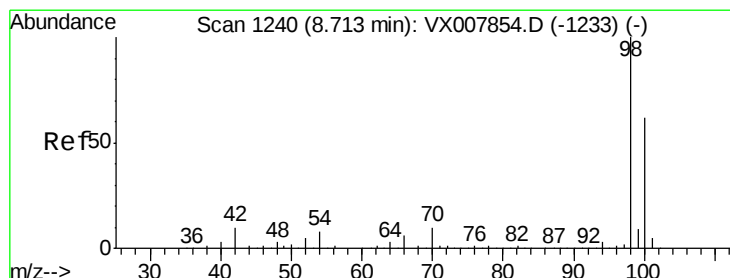
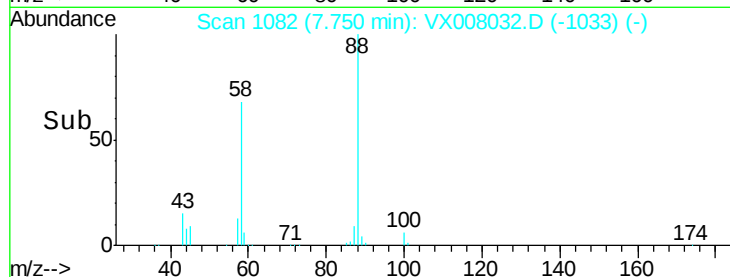
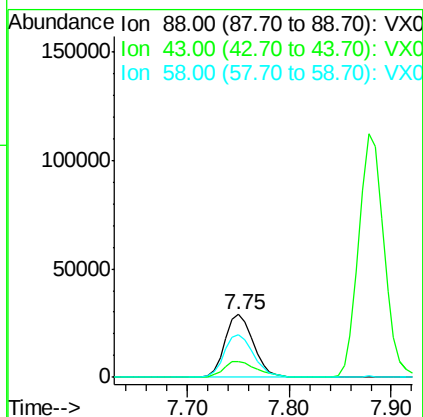
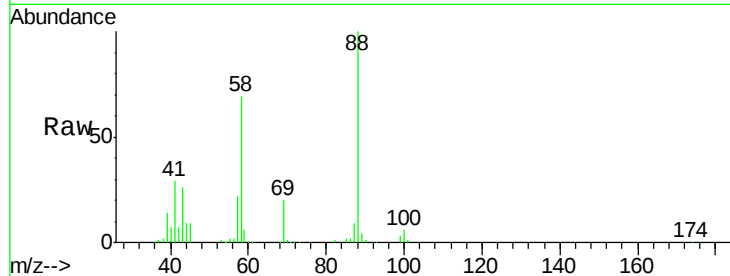




#49
1,4-Dioxane
Concen: 995.620 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

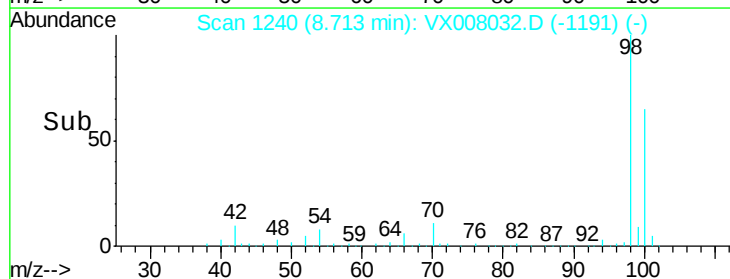
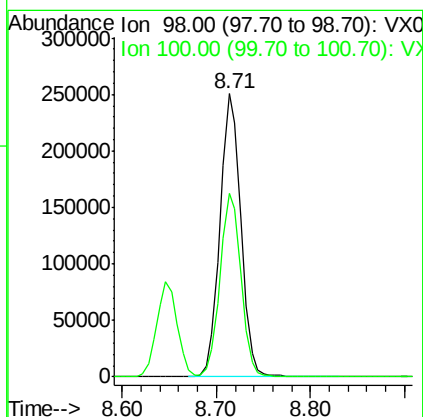
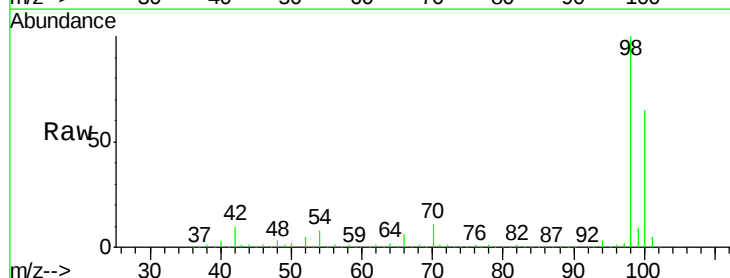
Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05D-M20W2-030619MS

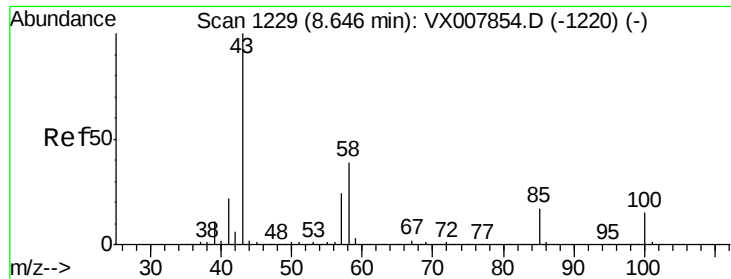
Tot Ion: 88 Resp: 56244
Ion Ratio Lower Upper
88 100
43 31.1 25.1 37.7
58 71.4 57.8 86.6



#50
Toluene-d8
Concen: 49.796 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Tgt Ion: 98 Resp: 384763
Ion Ratio Lower Upper
98 100
100 65.2 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 246.427 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

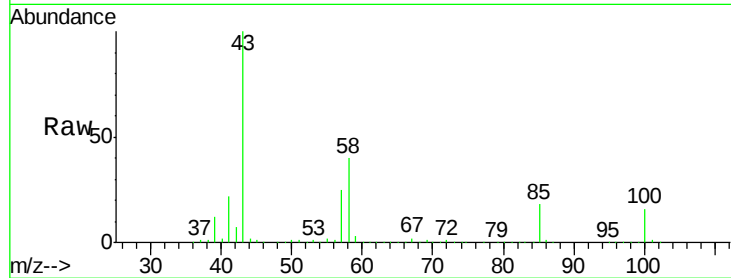
CPA-CPMW05D-M20W2-030619MS

Tot Ion: 43 Resp: 828930

Ion Ratio Lower Upper

43 100

58 39.5 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

600000

500000

400000

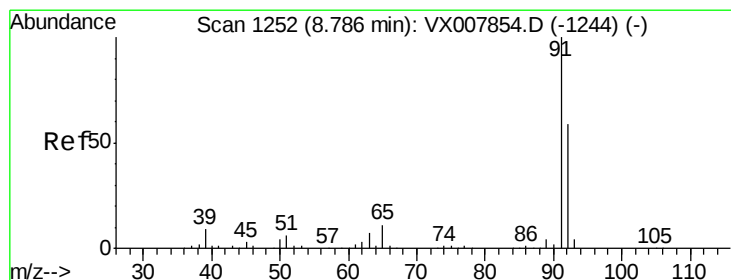
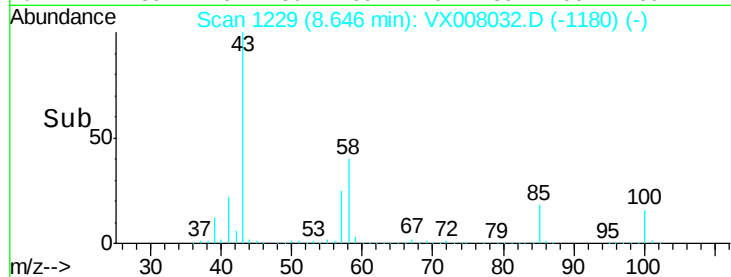
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 49.368 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008032.D

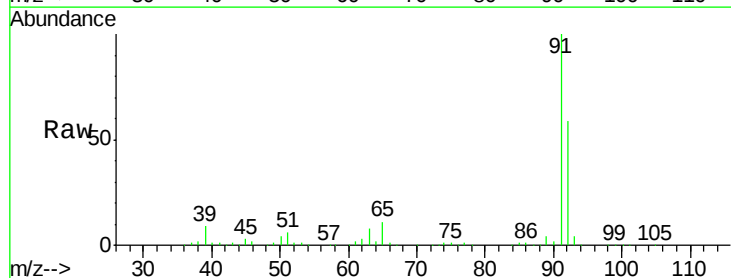
Acq: 12 Mar 2019 22:20

Tgt Ion: 92 Resp: 267235

Ion Ratio Lower Upper

92 100

91 172.1 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

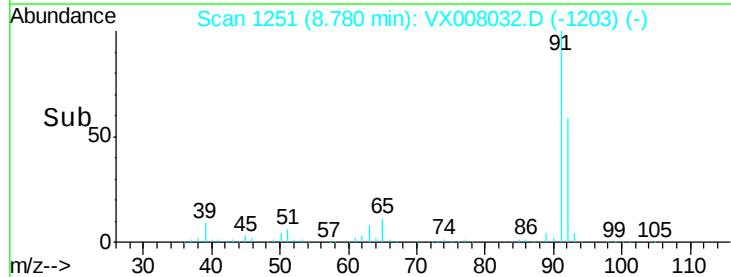
300000

200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.139 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

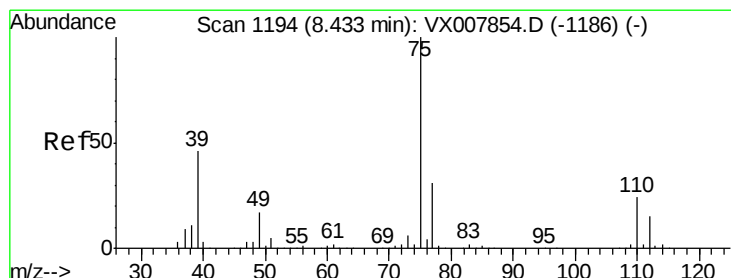
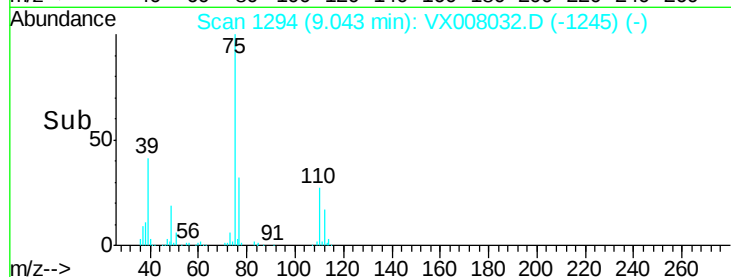
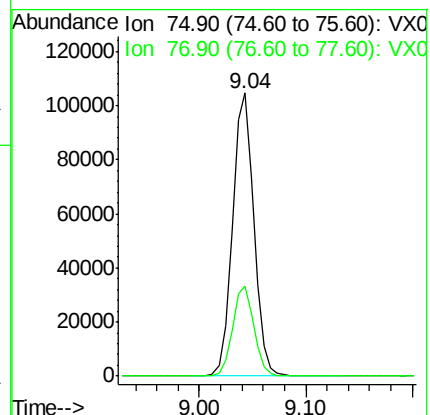
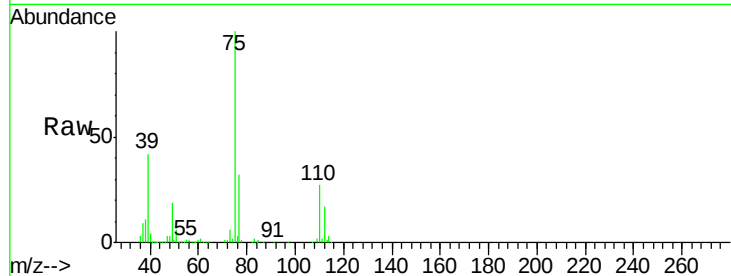
CPA-CPMW05D-M20W2-030619MS

Tot Ion: 75 Resp: 147043

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 48.956 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

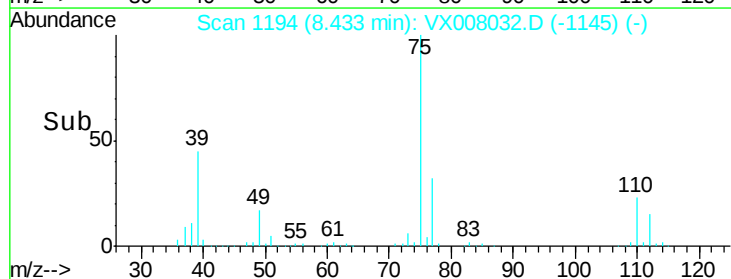
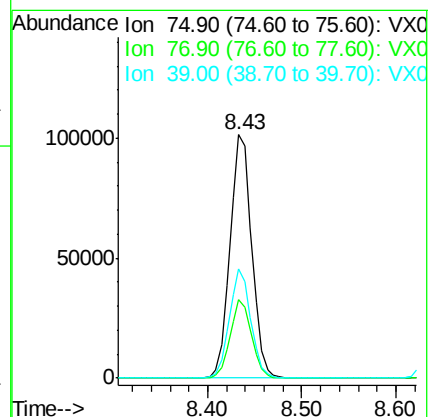
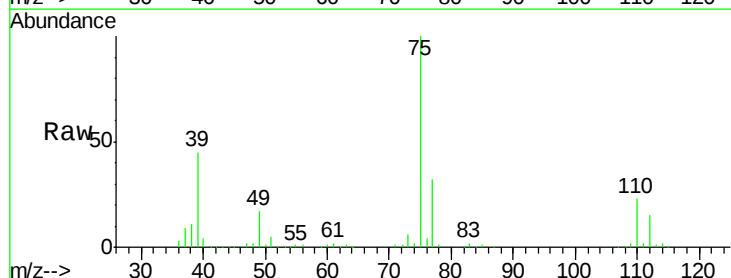
Tgt Ion: 75 Resp: 162129

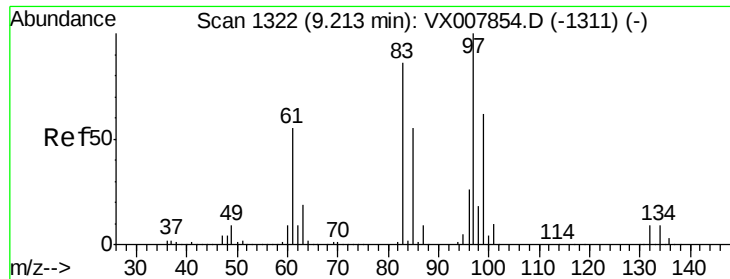
Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.6

39 44.8 36.6 54.8





#55

1,1,2-Trichloroethane

Concen: 50.620 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

Tot Ion: 97 Resp: 110923

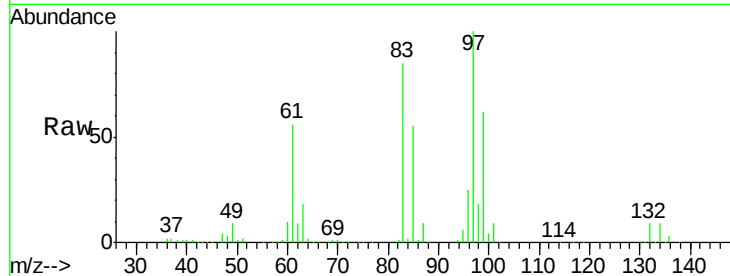
Ion Ratio Lower Upper

97 100

83 84.8 69.1 103.7

85 54.7 44.3 66.5

99 61.7 49.8 74.8

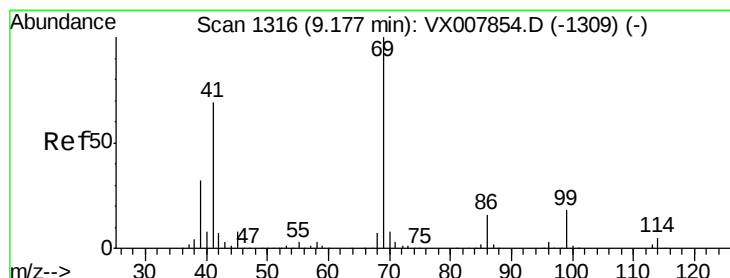
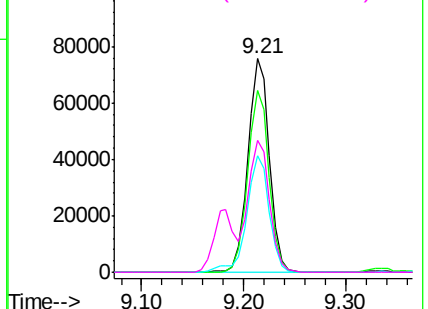
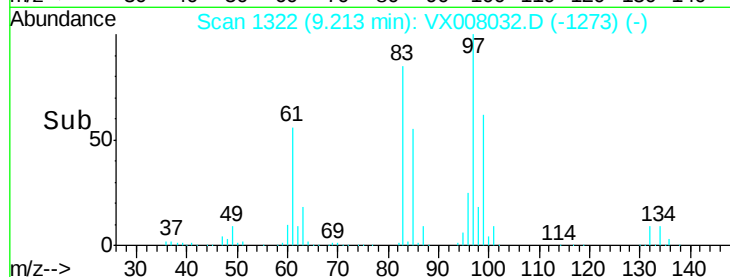


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 50.786 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

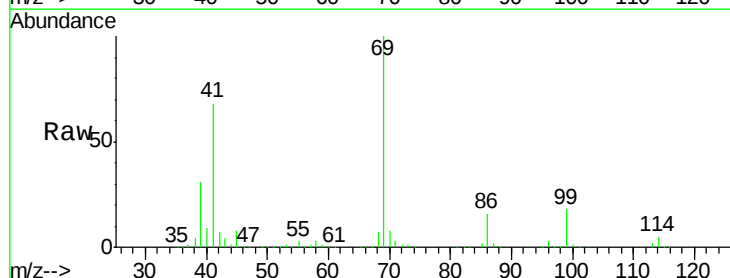
Tgt Ion: 69 Resp: 167091

Ion Ratio Lower Upper

69 100

41 66.4 54.2 81.4

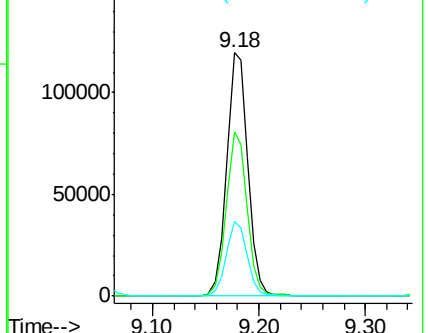
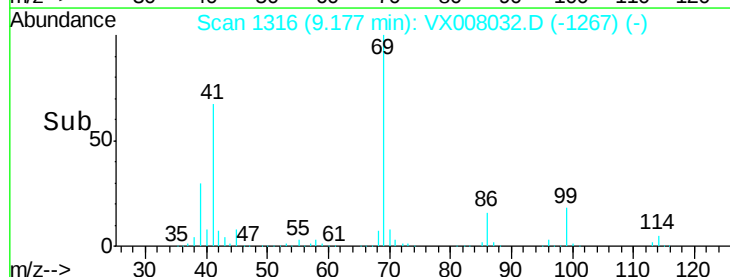
39 30.4 25.0 37.4

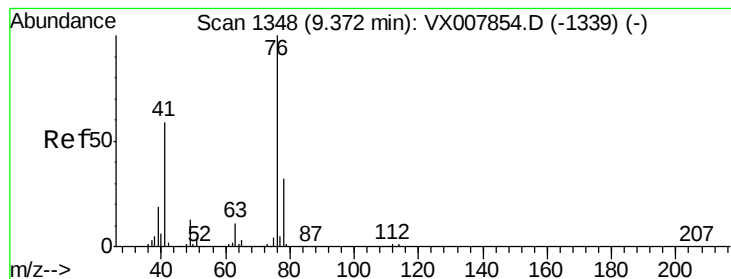


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.526 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

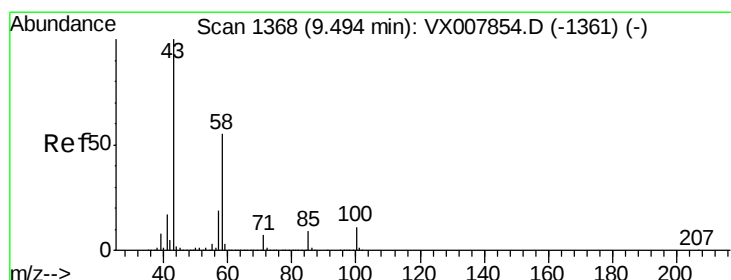
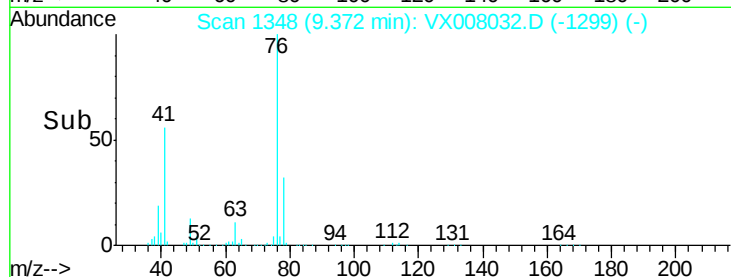
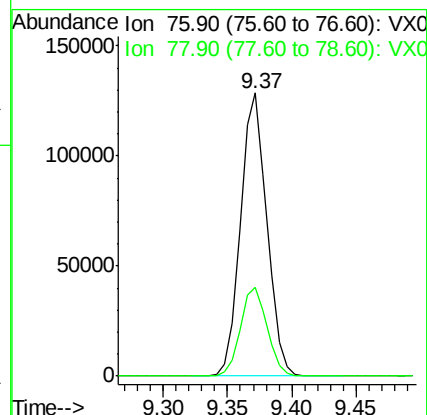
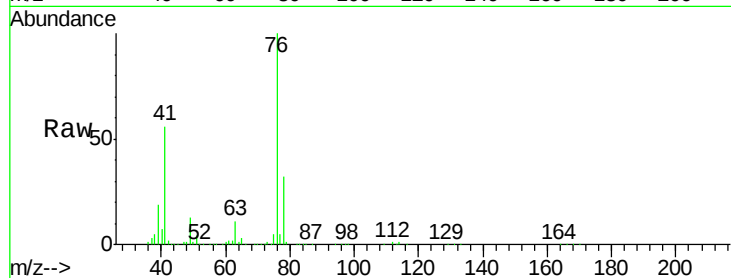
CPA-CPMW05D-M20W2-030619MS

Tot Ion: 76 Resp: 182222

Ion Ratio Lower Upper

76 100

78 31.7 25.5 38.3



#59

2-Hexanone

Concen: 236.312 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VX008032.D

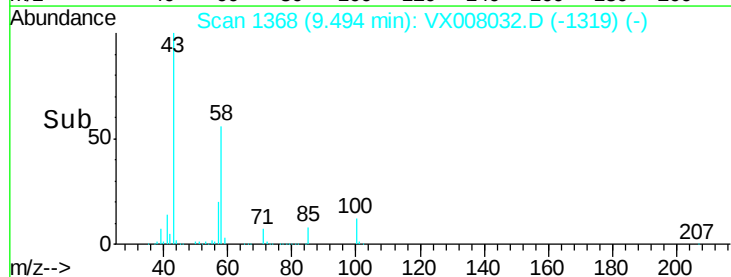
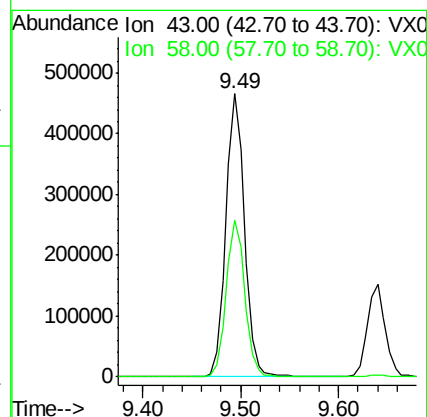
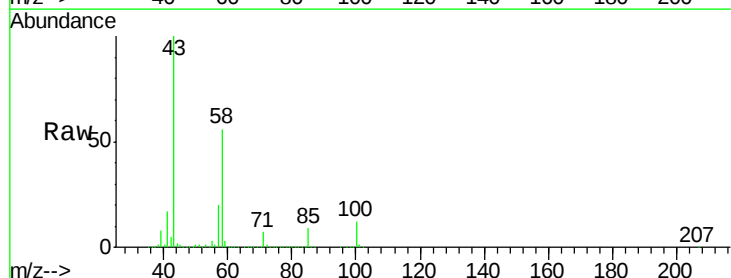
Acq: 12 Mar 2019 22:20

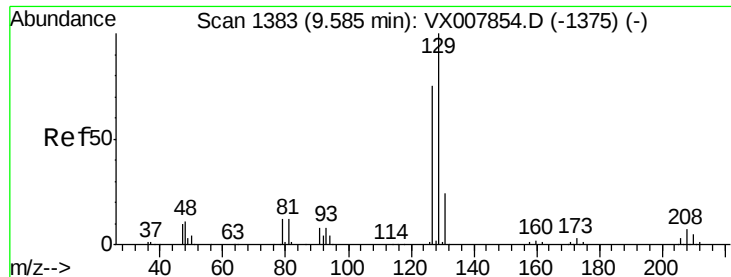
Tgt Ion: 43 Resp: 617148

Ion Ratio Lower Upper

43 100

58 55.5 27.6 82.7





#60

Dibromochloromethane

Concen: 49.892 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

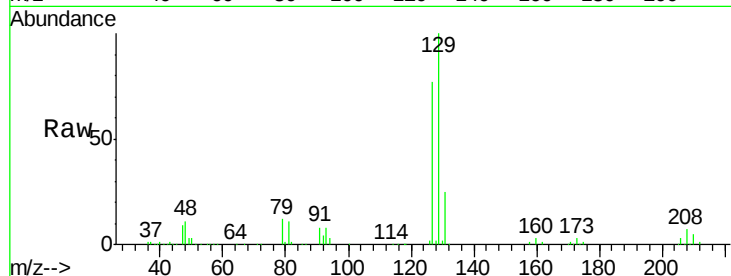
CPA-CPMW05D-M20W2-030619MS

Tot Ion:129 Resp: 114273

Ion Ratio Lower Upper

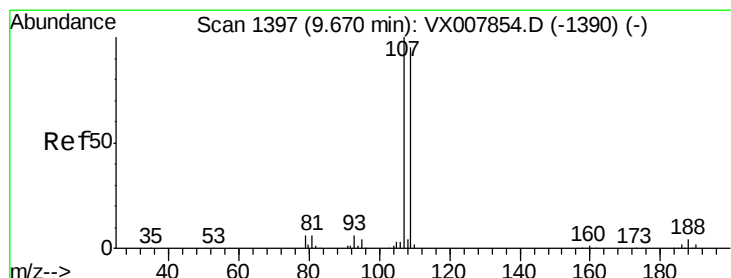
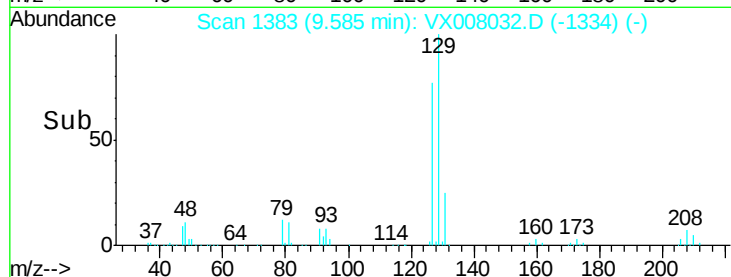
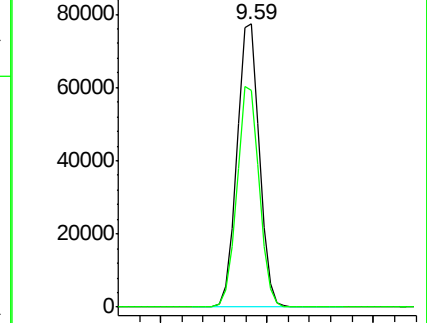
129 100

127 77.3 38.3 114.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 50.029 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008032.D

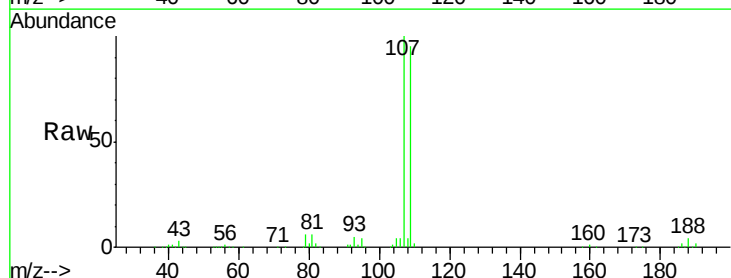
Acq: 12 Mar 2019 22:20

Tgt Ion:107 Resp: 116395

Ion Ratio Lower Upper

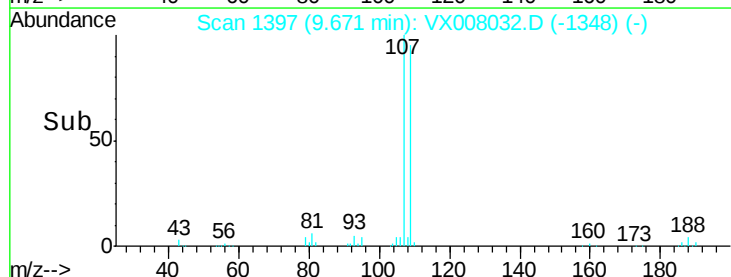
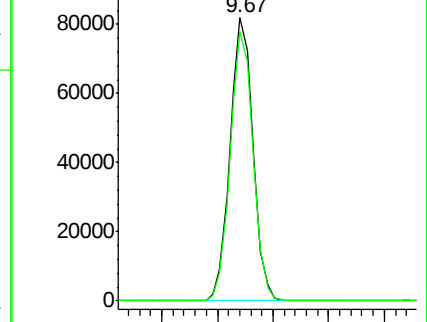
107 100

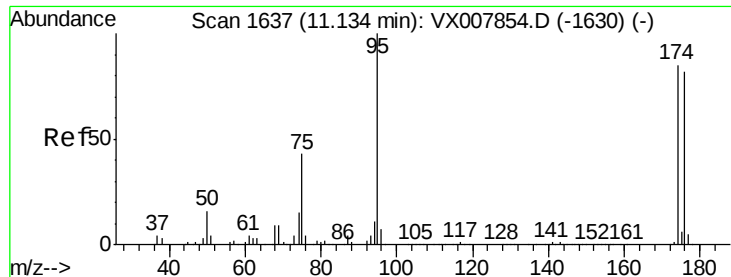
109 95.2 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 50.198 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

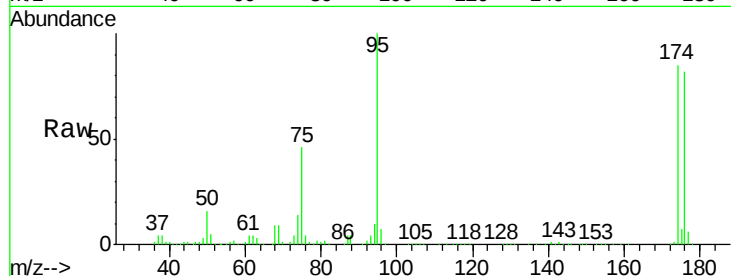
Tot Ion: 95 Resp: 135988

Ion Ratio Lower Upper

95 100

174 92.7 0.0 182.8

176 90.1 0.0 178.0

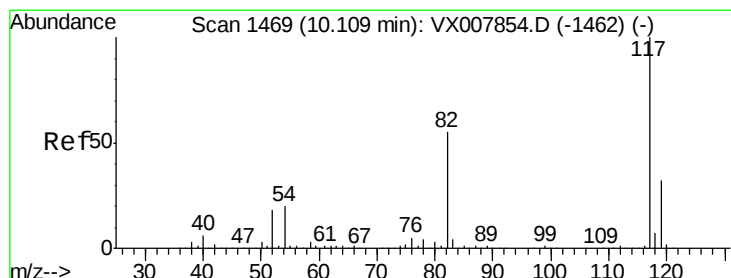
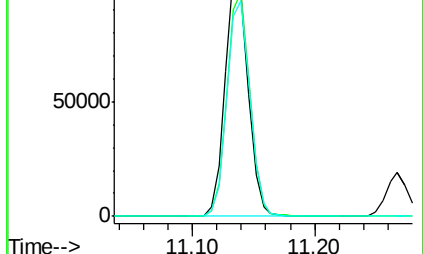
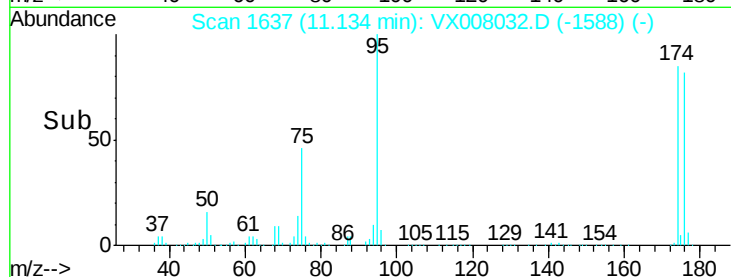


Abundance Ion 94.90 (94.60 to 95.60): VX007854.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX007854.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX007854.D (-1630) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

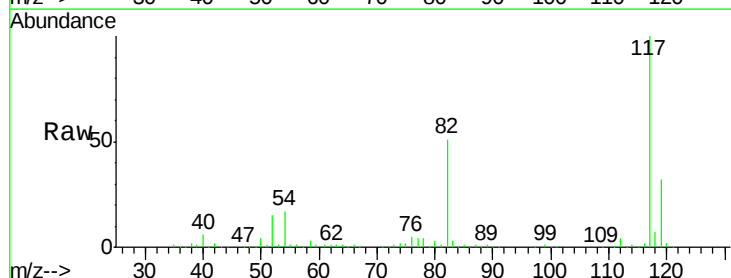
Tgt Ion: 117 Resp: 295117

Ion Ratio Lower Upper

117 100

82 51.4 44.3 66.5

119 31.8 25.3 37.9

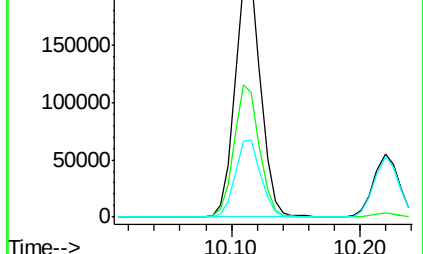
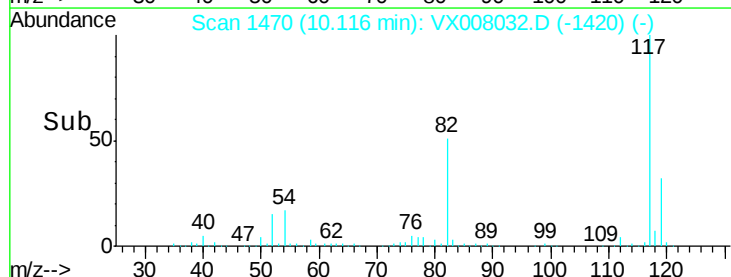


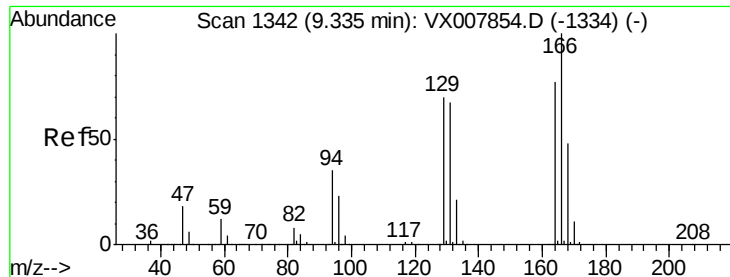
Abundance Ion 116.90 (116.60 to 117.60): VX007854.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX007854.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX007854.D (-1462) (-)

Time-->

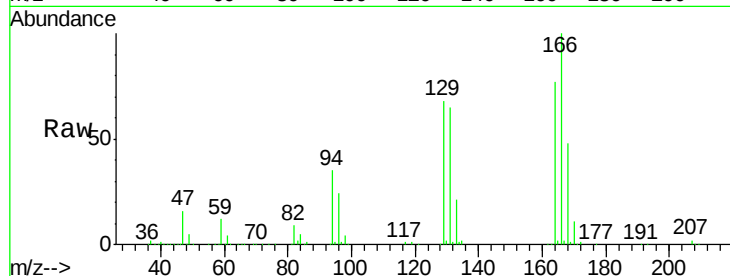




#64
Tetrachloroethene
Concen: 47.162 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05D-M20W2-030619MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	129.2	103.4	155.0
129	88.0	72.2	108.4
131	84.5	69.4	104.2



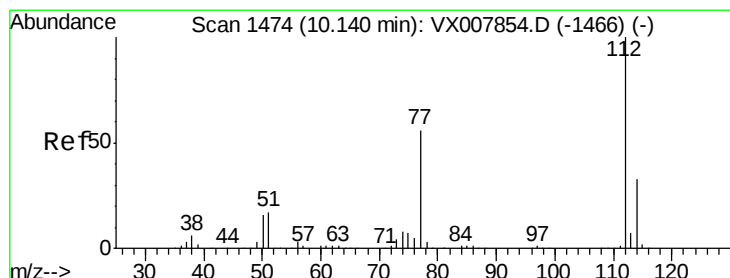
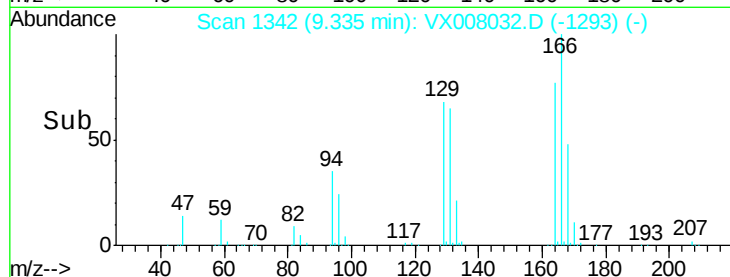
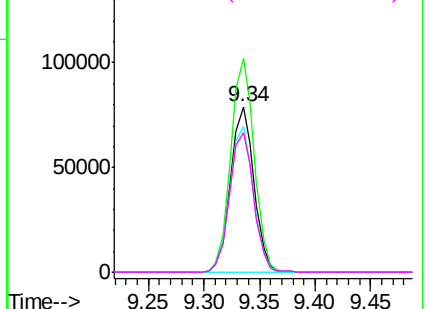
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

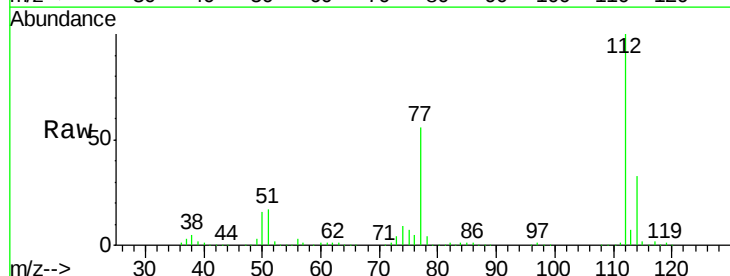
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65
Chlorobenzene
Concen: 47.794 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

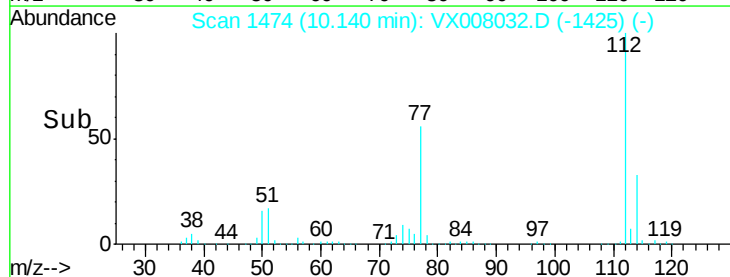
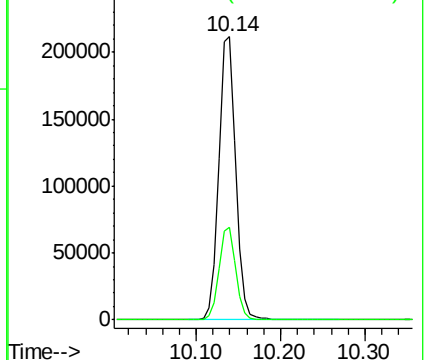
Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.6	26.0	39.0

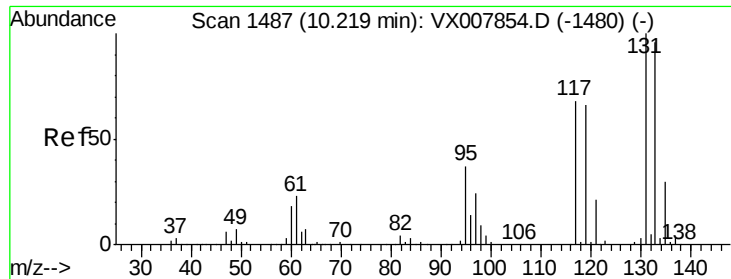


Abundance

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: 49.167 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

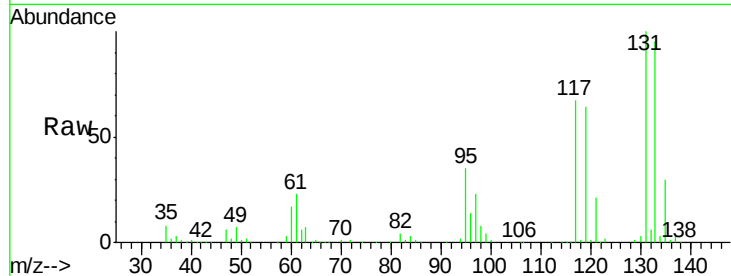
Tot Ion:131 Resp: 108821

Ion Ratio Lower Upper

131 100

133 96.2 47.8 143.3

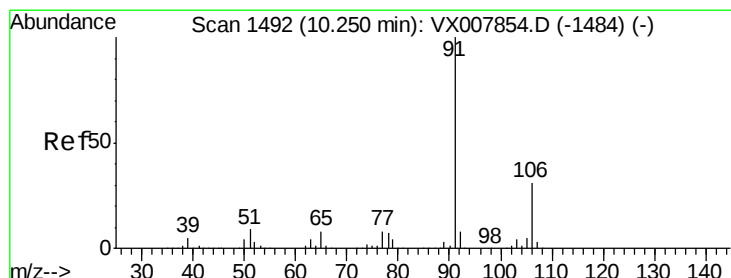
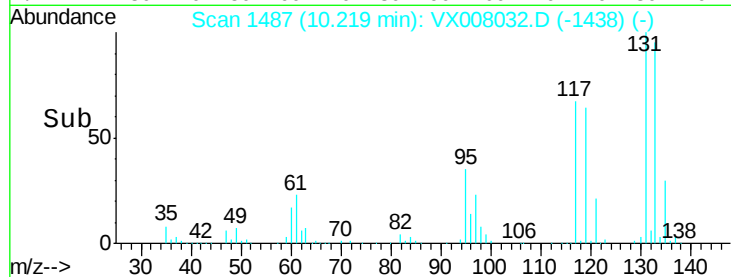
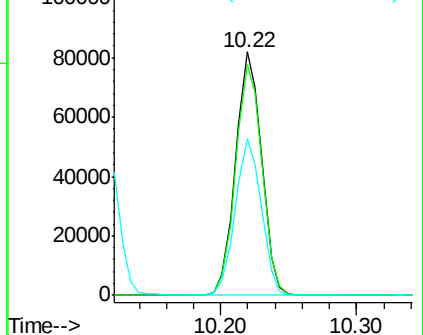
119 64.6 32.5 97.5



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: 48.860 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008032.D

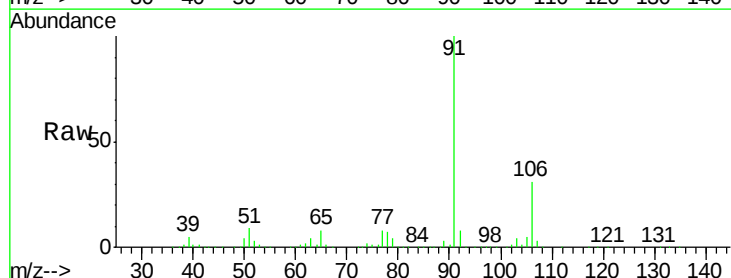
Acq: 12 Mar 2019 22:20

Tgt Ion: 91 Resp: 496685

Ion Ratio Lower Upper

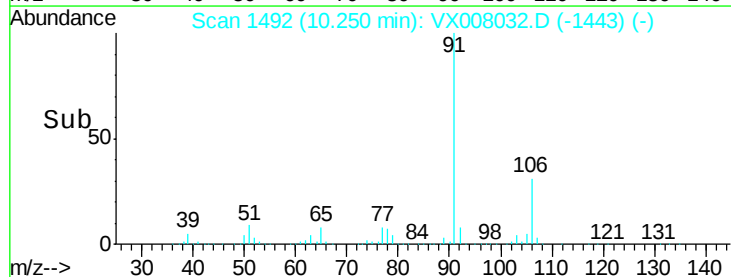
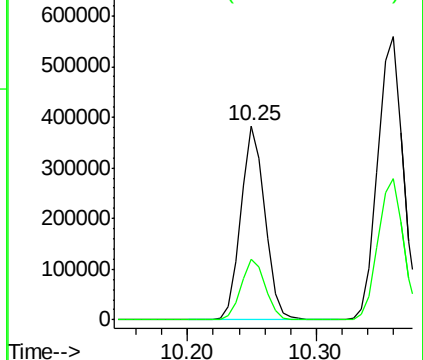
91 100

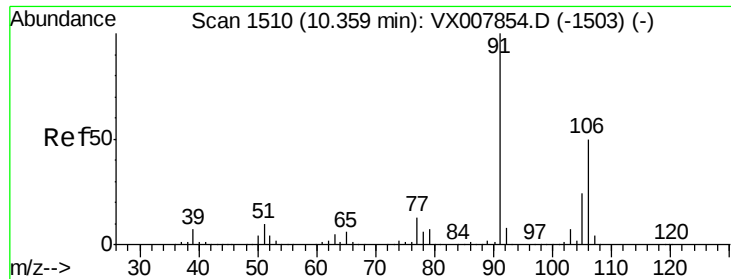
106 31.3 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

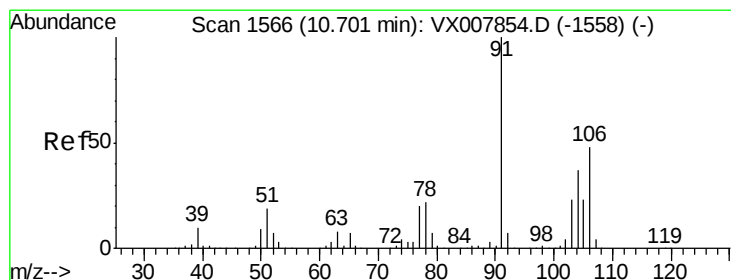
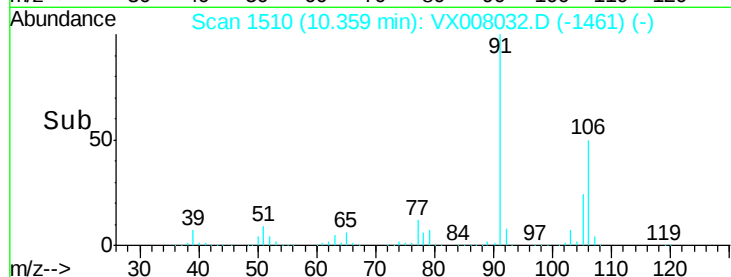
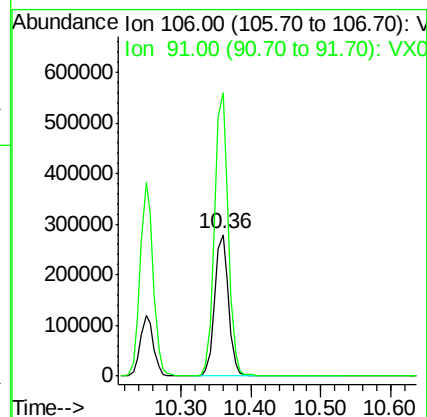
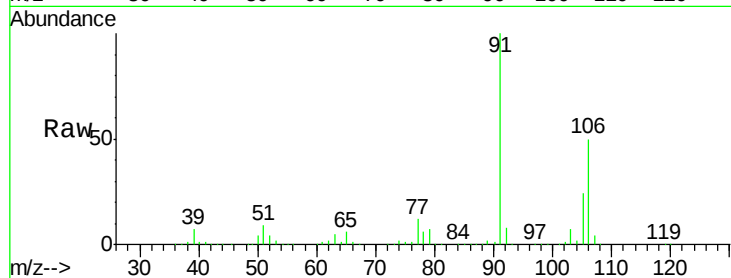




#68
m/p-Xylenes
Concen: 97.557 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

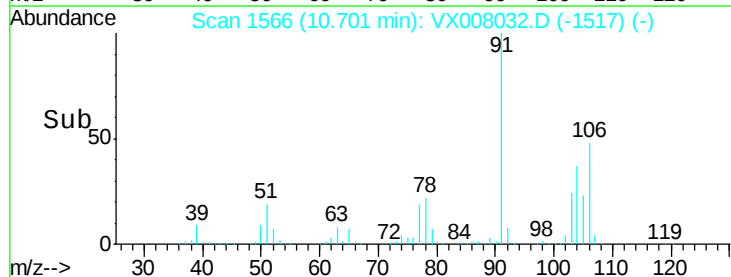
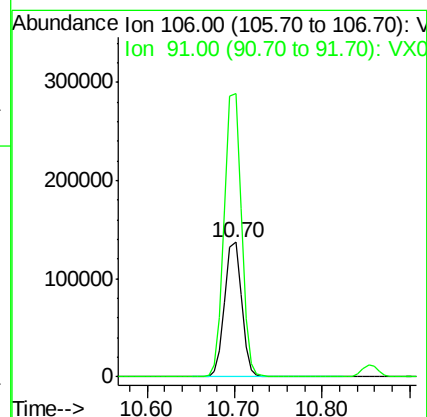
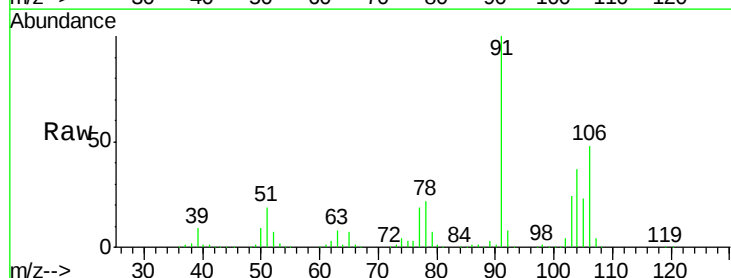
Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05D-M20W2-030619MS

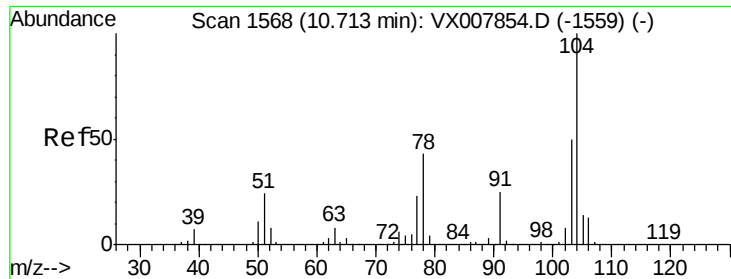
Tot Ion:106 Resp: 382262
Ion Ratio Lower Upper
106 100
91 200.1 159.8 239.6



#69
o-Xylene
Concen: 48.750 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Tgt Ion:106 Resp: 184419
Ion Ratio Lower Upper
106 100
91 212.4 106.3 318.9





#70

Stvrene

Concen: 48.750 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

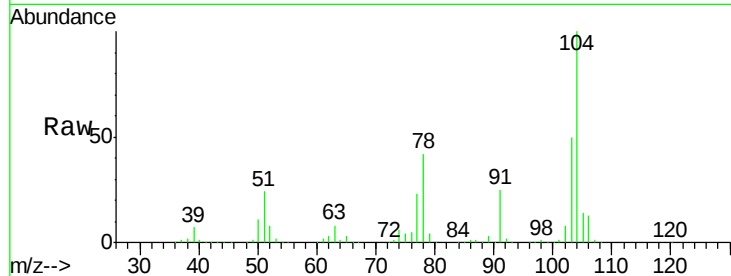
Tot Ion:104 Resp: 301777

Ion Ratio Lower Upper

104 100

78 48.5 38.5 57.7

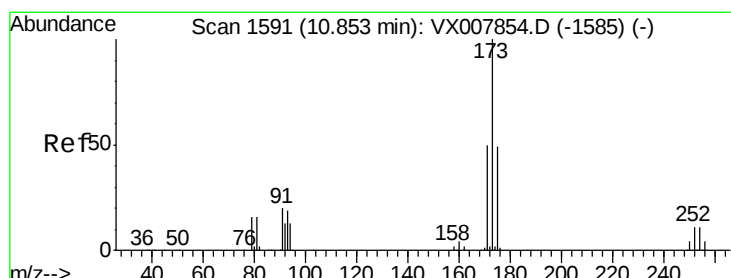
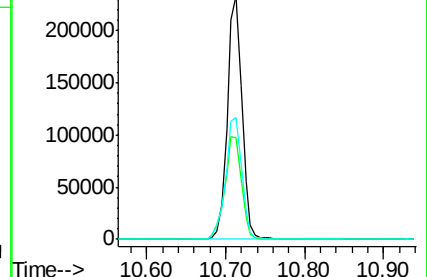
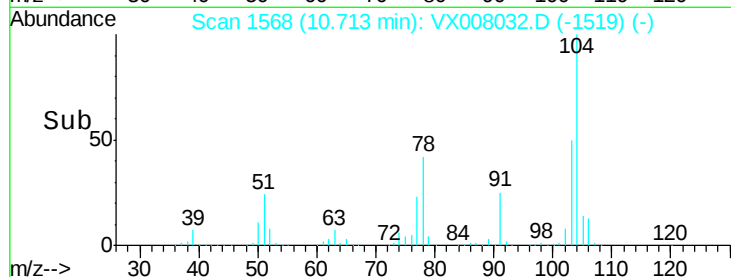
103 55.8 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 47.878 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

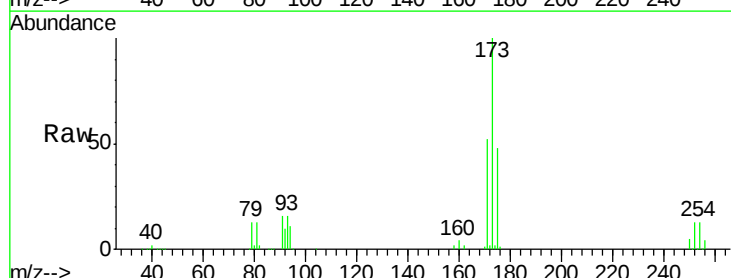
Tgt Ion:173 Resp: 91003

Ion Ratio Lower Upper

173 100

175 48.9 24.3 72.9

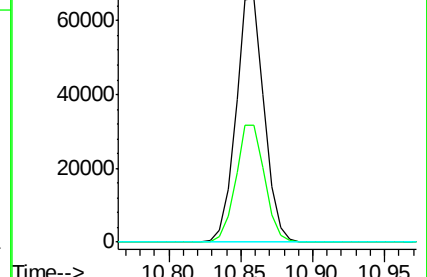
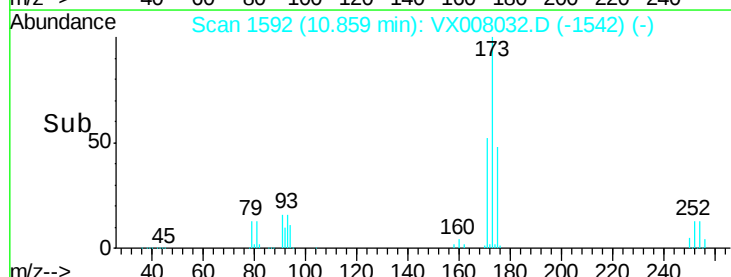
254 0.2 0.1 0.1#

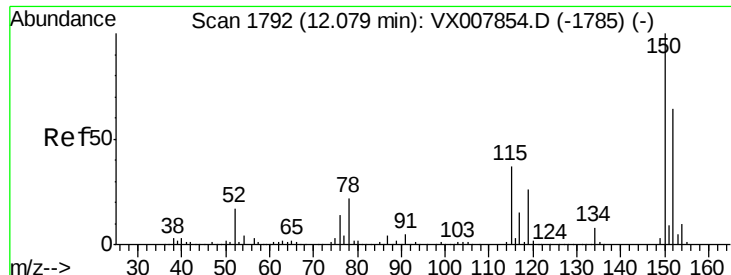


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

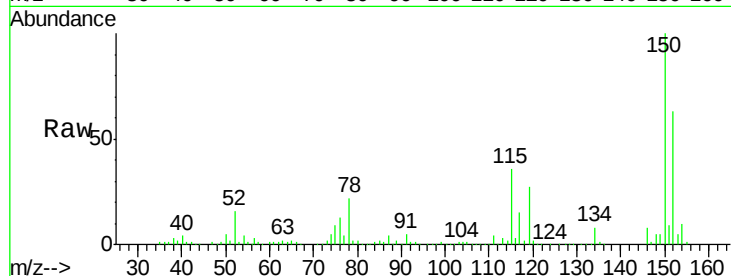
Tot Ion:152 Resp: 146582

Ion Ratio Lower Upper

152 100

115 76.0 38.6 115.7

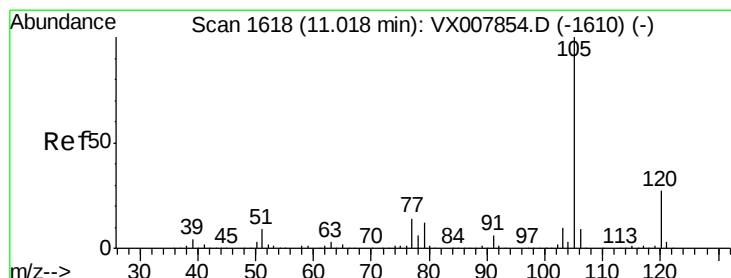
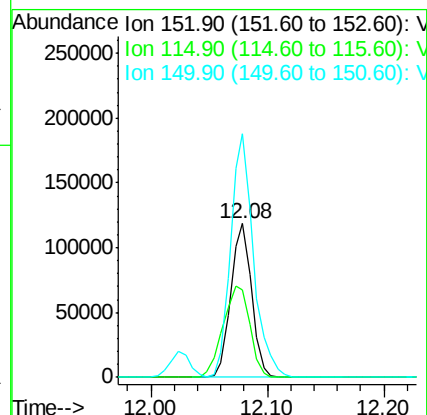
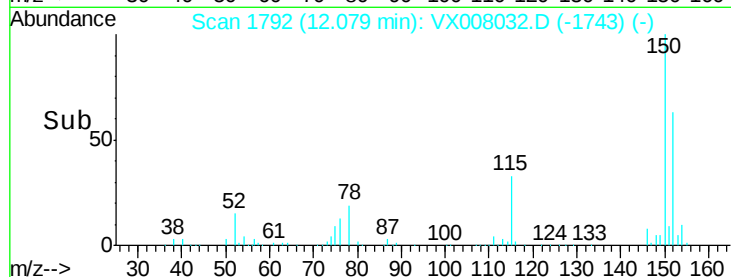
150 173.3 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 49.839 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008032.D

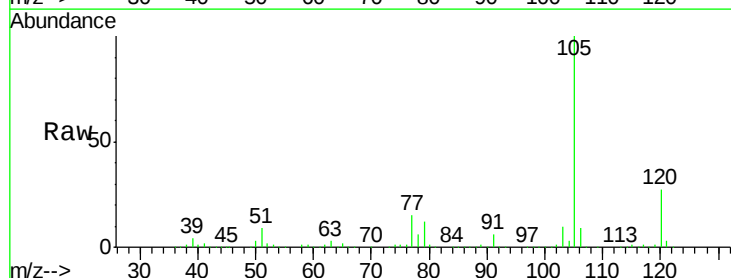
Acq: 12 Mar 2019 22:20

Tgt Ion:105 Resp: 494085

Ion Ratio Lower Upper

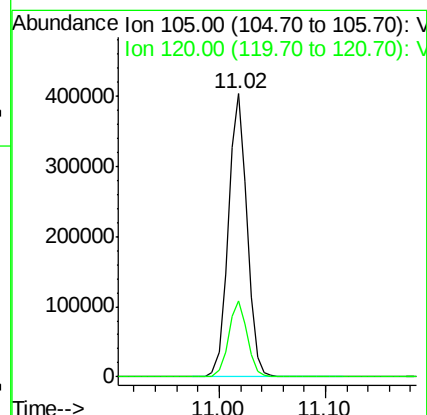
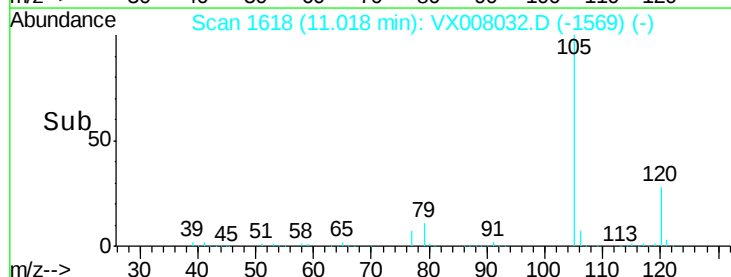
105 100

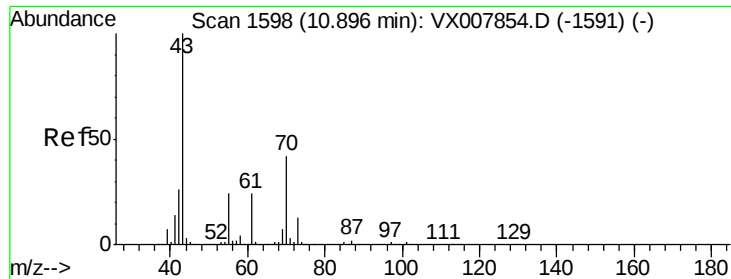
120 26.7 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 40.734 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

Tot Ion: 43 Resp: 184355

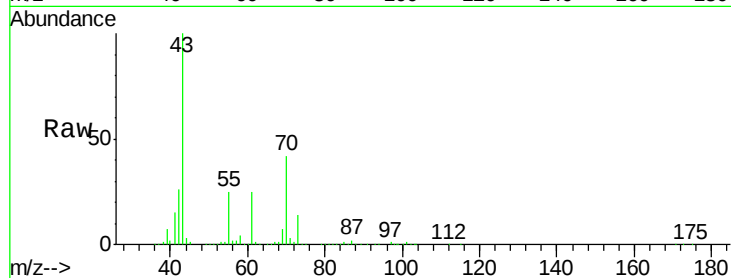
Ion Ratio Lower Upper

43 100

70 43.2 33.5 50.3

55 25.4 19.2 28.8

61 24.7 19.0 28.6

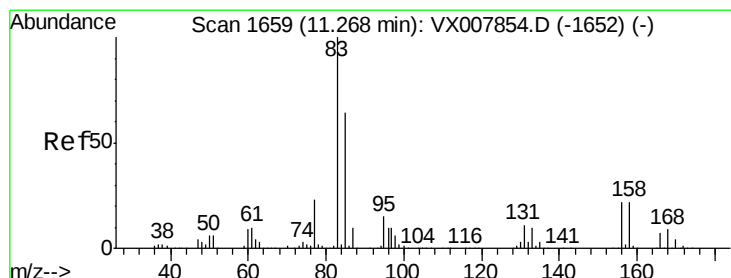
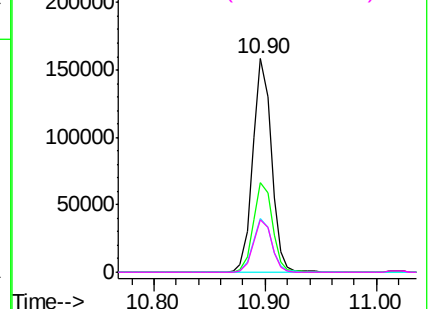
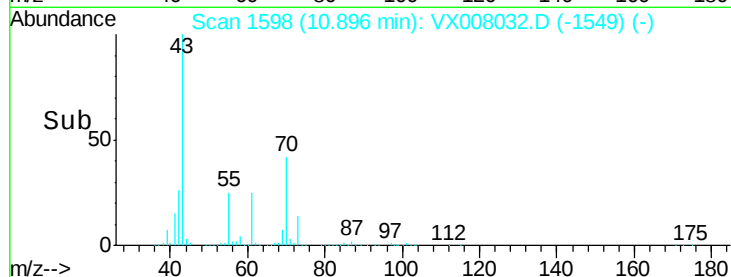


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 47.145 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

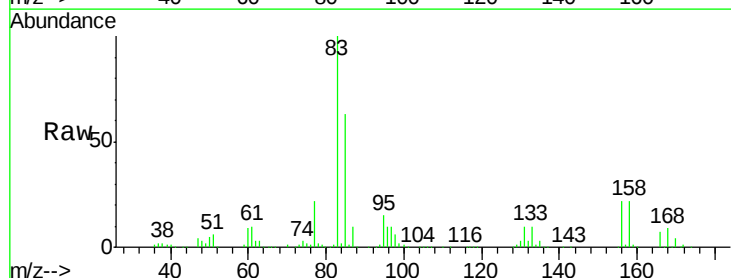
Tgt Ion: 83 Resp: 161215

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

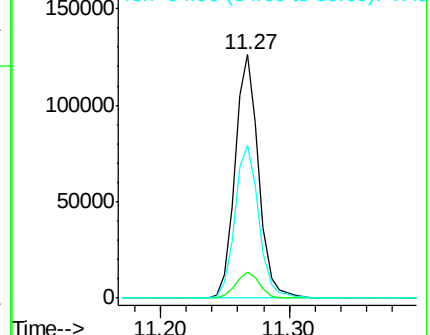
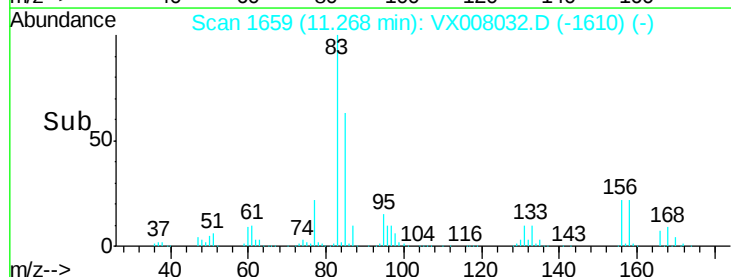
85 63.9 32.3 96.8

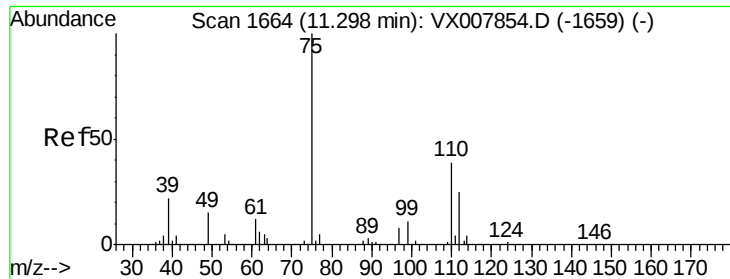


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

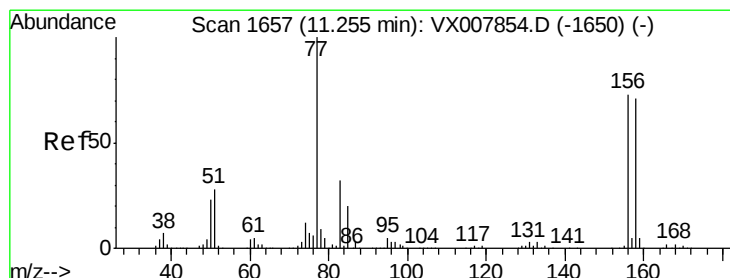
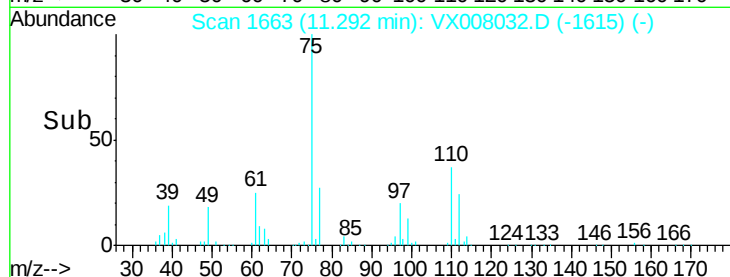
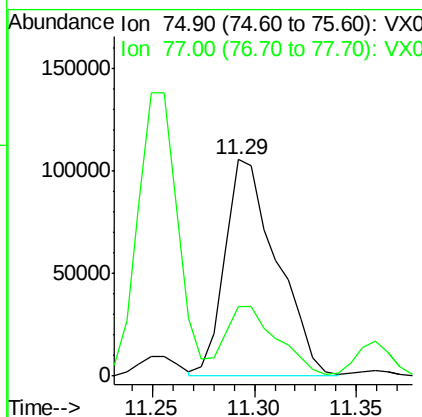
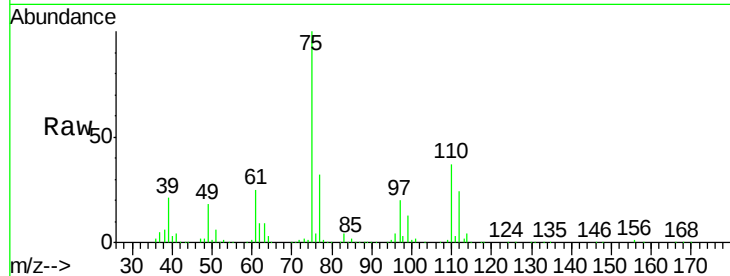




#76
 1,2,3-Trichloropropane
 Concen: 60.561 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: VX008032.D
 Acq: 12 Mar 2019 22:20

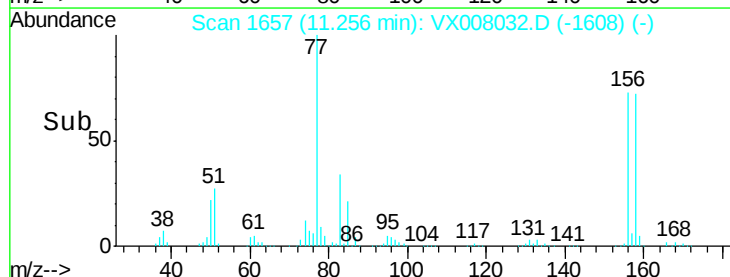
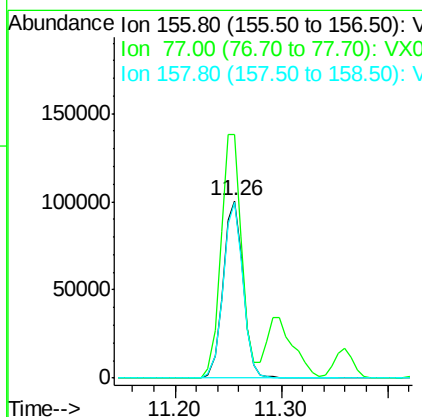
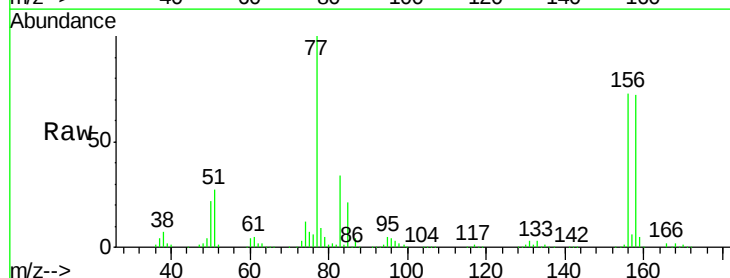
Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05D-M20W2-030619MS

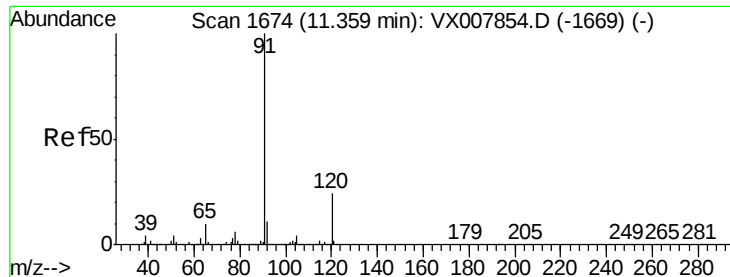
Tot Ion: 75 Resp: 186279
 Ion Ratio Lower Upper
 75 100
 77 32.9 18.9 56.7



#77
 Bromobenzene
 Concen: 48.543 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VX008032.D
 Acq: 12 Mar 2019 22:20

Tgt Ion: 156 Resp: 131937
 Ion Ratio Lower Upper
 156 100
 77 141.1 72.0 215.9
 158 98.0 48.6 145.9





#78

n-propylbenzene

Concen: 49.614 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

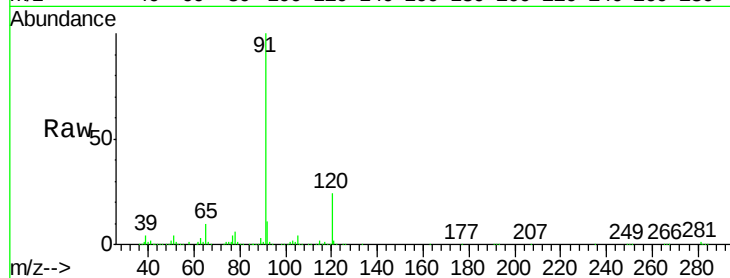
CPA-CPMW05D-M20W2-030619MS

Tot Ion: 91 Resp: 545649

Ion Ratio Lower Upper

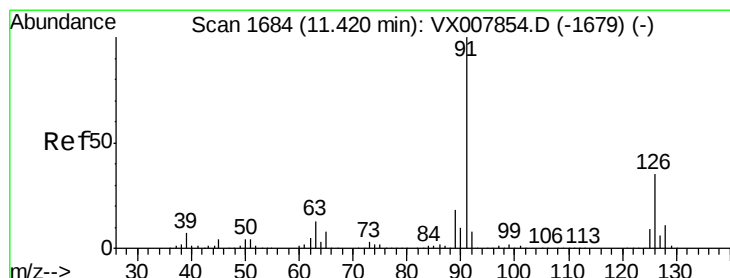
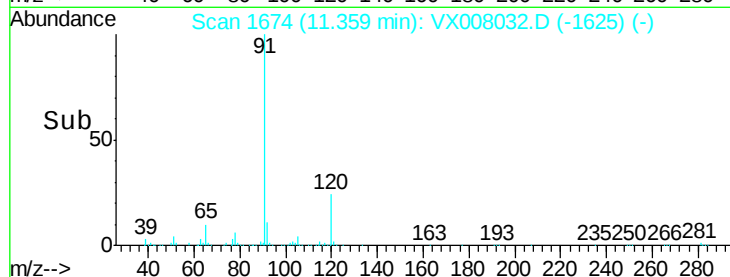
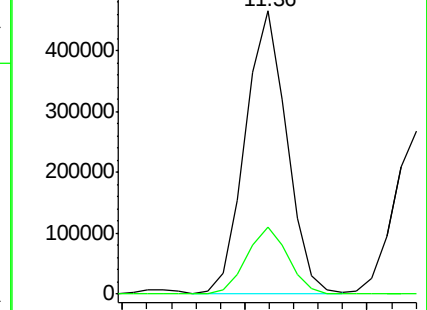
91 100

120 24.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 48.629 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008032.D

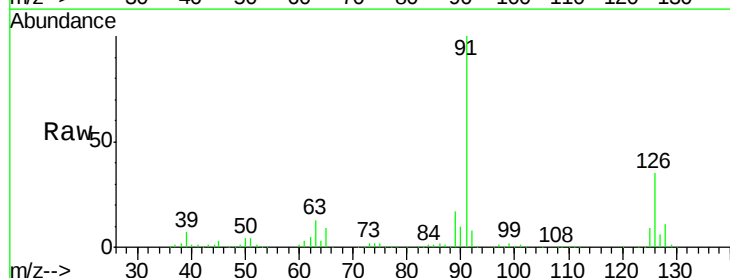
Acq: 12 Mar 2019 22:20

Tgt Ion: 91 Resp: 327003

Ion Ratio Lower Upper

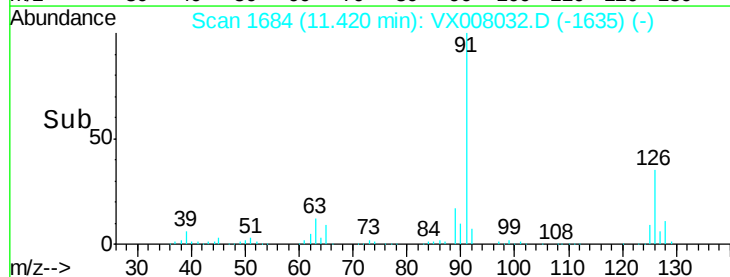
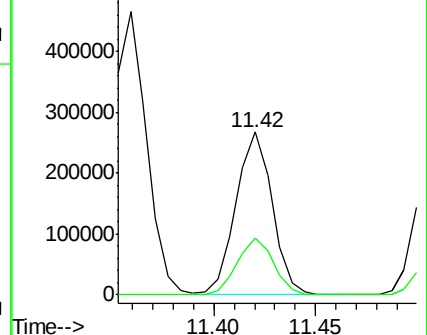
91 100

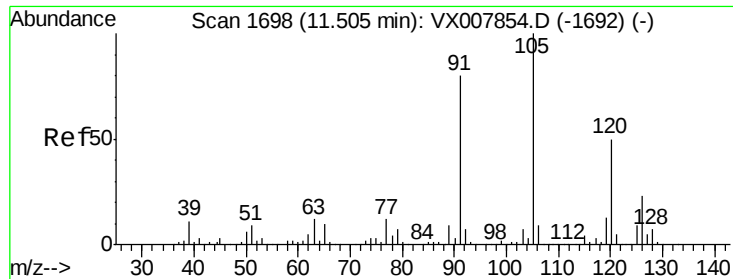
126 35.3 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

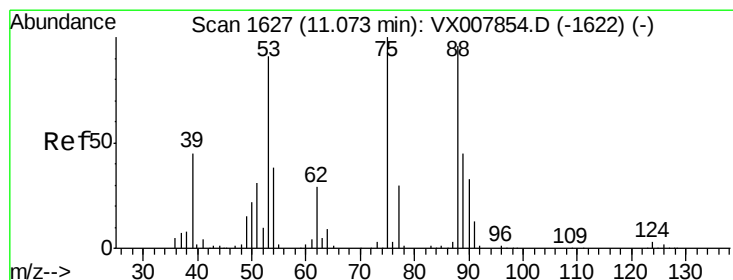
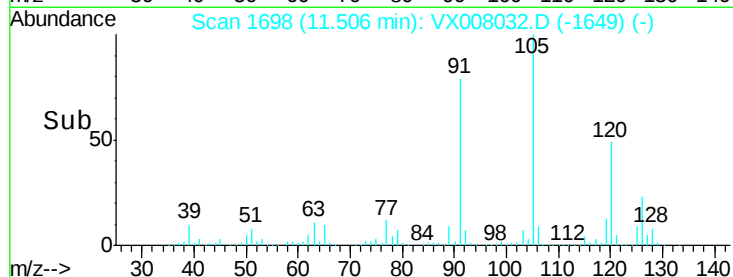
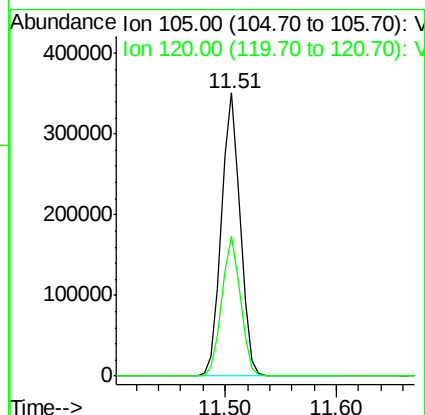
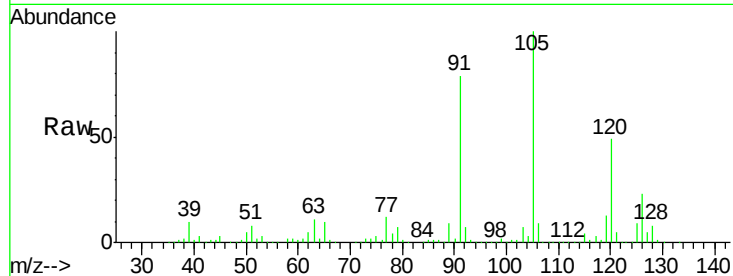




#80
 1,3,5-Trimethylbenzene
 Concen: 50.282 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX008032.D
 Acq: 12 Mar 2019 22:20

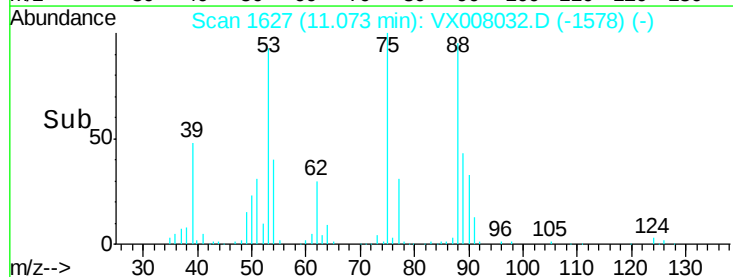
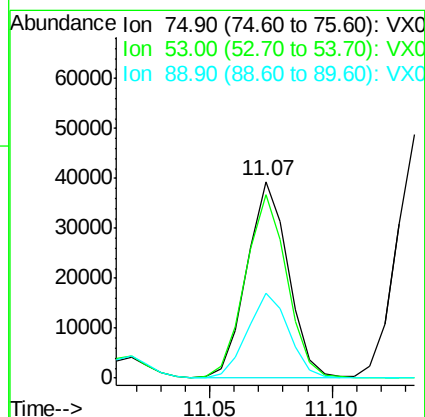
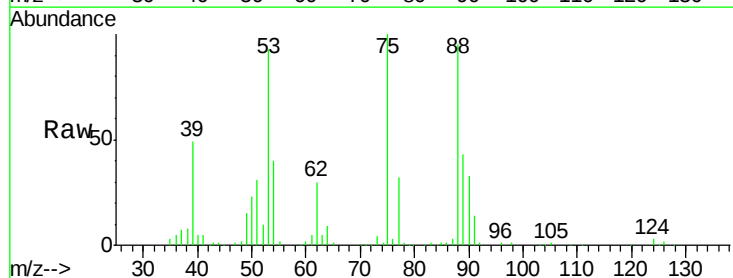
Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05D-M20W2-030619MS

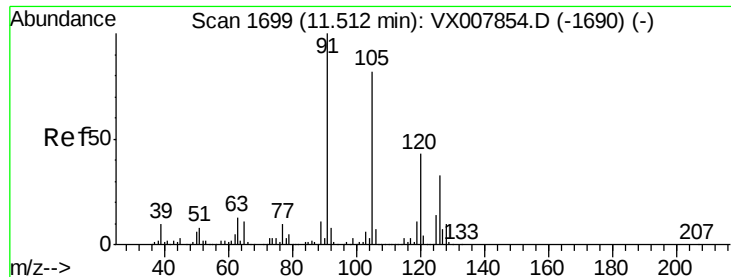
Tot Ion:105 Resp: 410269
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.9 74.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.880 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX008032.D
 Acq: 12 Mar 2019 22:20

Tgt Ion: 75 Resp: 46074
 Ion Ratio Lower Upper
 75 100
 53 94.6 76.1 114.1
 89 44.0 36.3 54.5

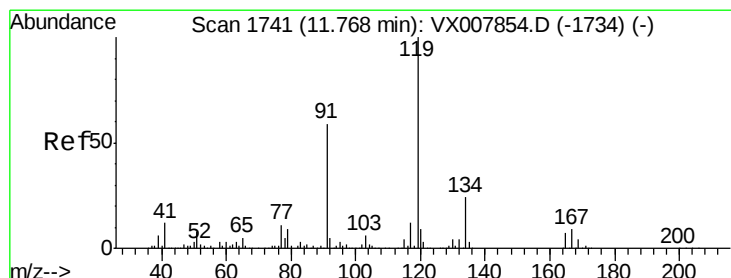
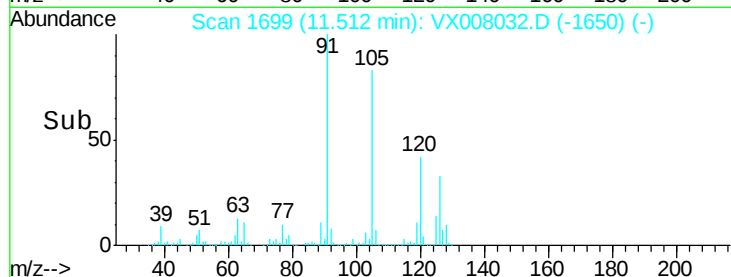
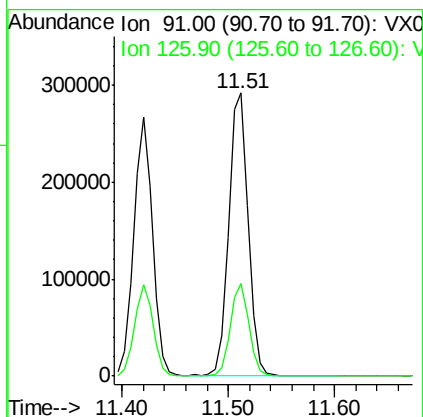
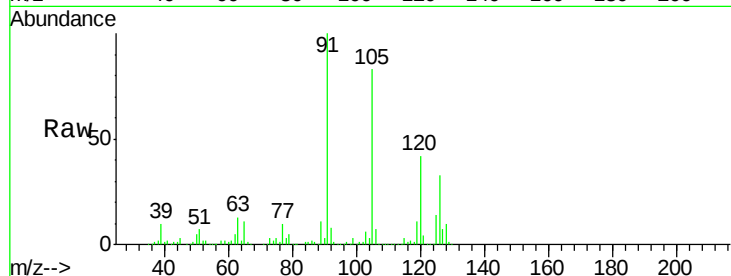




#82
4-Chlorotoluene
Concen: 48.492 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

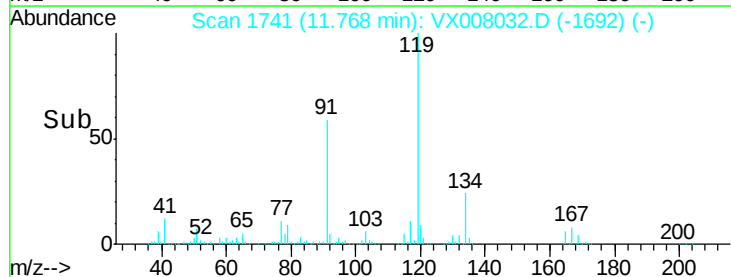
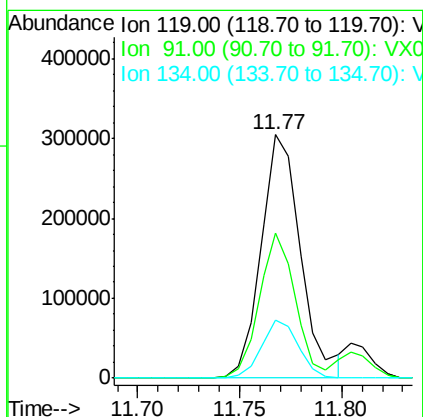
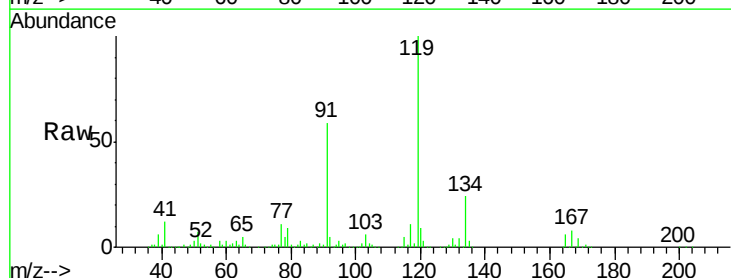
Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05D-M20W2-030619MS

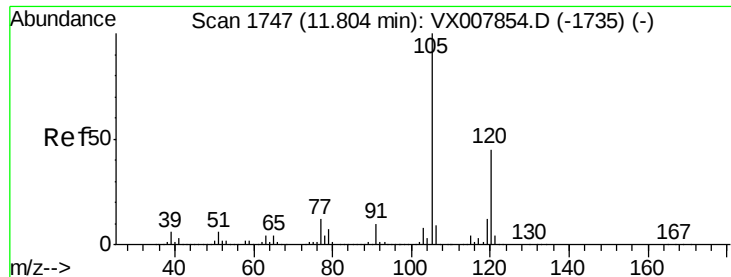
Tot Ion: 91 Resp: 373683
Ion Ratio Lower Upper
91 100
126 31.4 15.6 46.8



#83
tert-Butylbenzene
Concen: 49.995 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Tgt Ion: 119 Resp: 410903
Ion Ratio Lower Upper
119 100
91 54.4 27.1 81.3
134 22.6 11.4 34.1

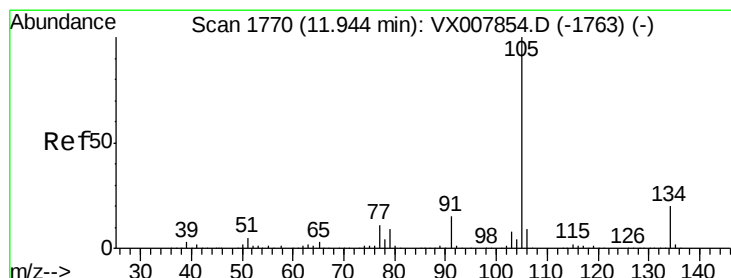
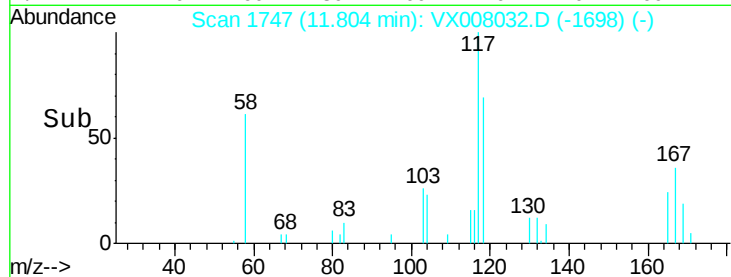
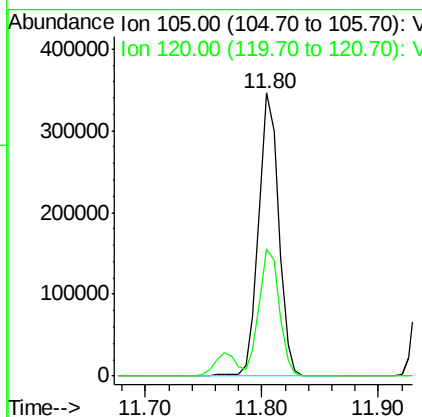
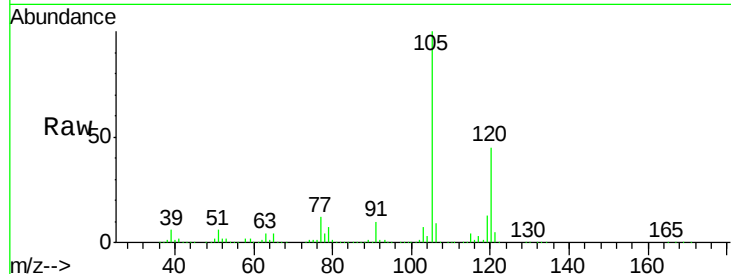




#84
 1,2,4-Trimethylbenzene
 Concen: 50.339 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008032.D
 Acq: 12 Mar 2019 22:20

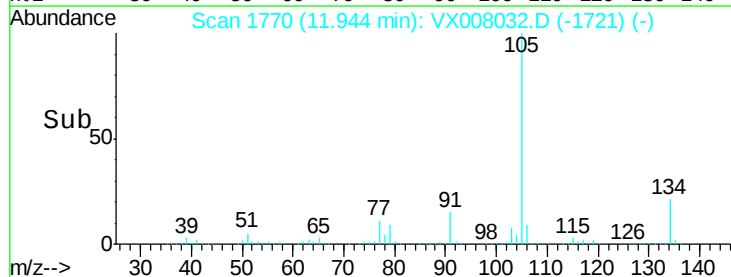
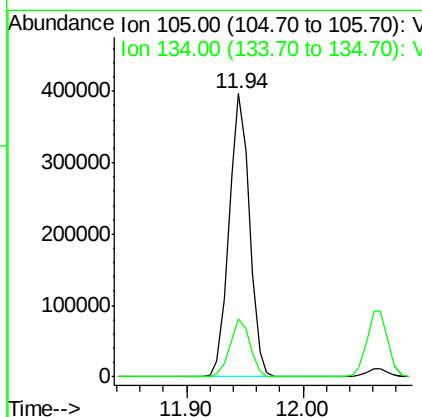
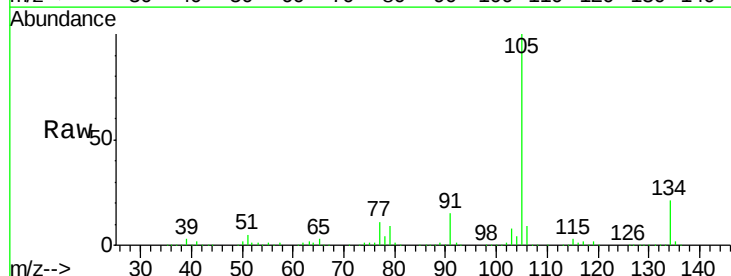
Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05D-M20W2-030619MS

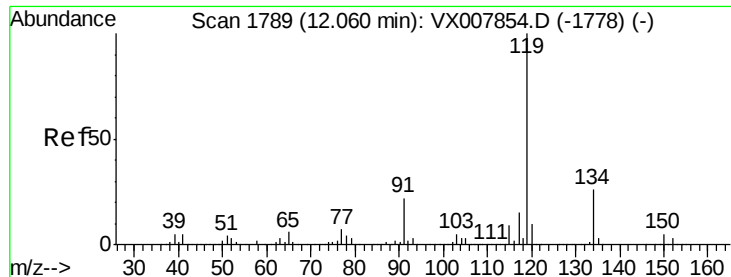
Tot Ion:105 Resp: 421059
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.6 67.7



#85
 sec-Butylbenzene
 Concen: 49.793 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX008032.D
 Acq: 12 Mar 2019 22:20

Tgt Ion:105 Resp: 481987
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.2





#86

p-Isopropyltoluene

Concen: 50.395 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

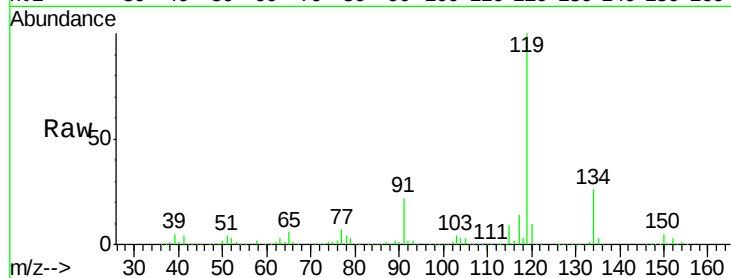
Tot Ion:119 Resp: 436878

Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.9

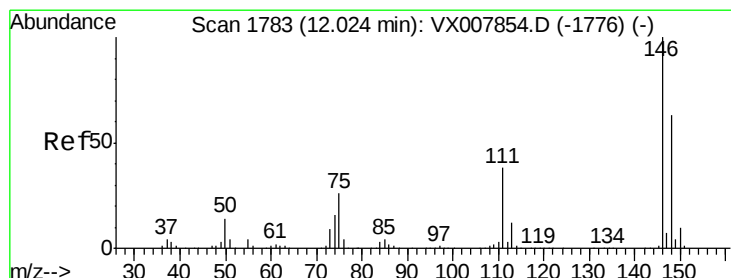
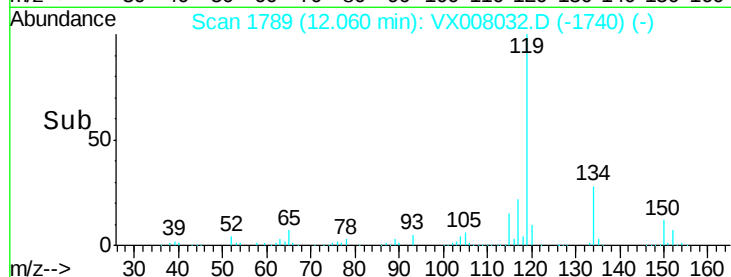
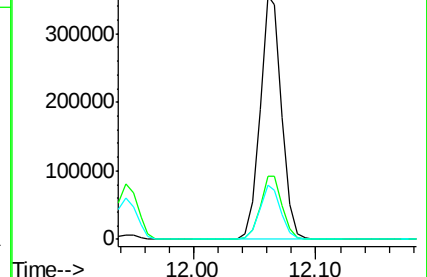
91 21.8 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 48.148 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

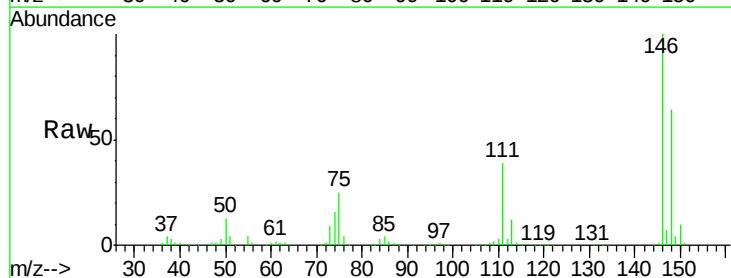
Tgt Ion:146 Resp: 231518

Ion Ratio Lower Upper

146 100

111 37.8 18.9 56.7

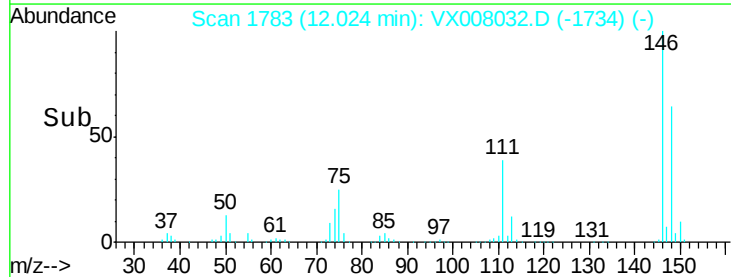
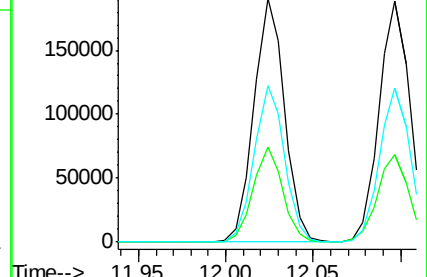
148 63.9 31.7 95.1

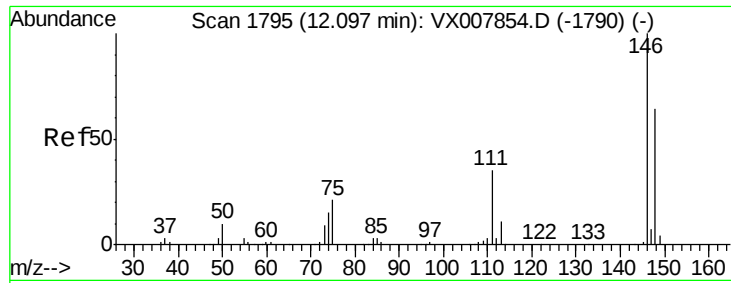


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 47.045 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

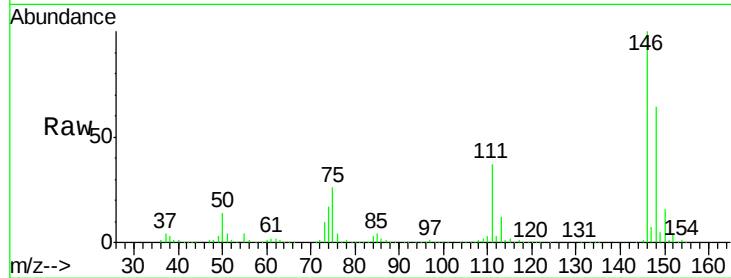
Tot Ion:146 Resp: 231664

Ion Ratio Lower Upper

146 100

111 36.8 18.4 55.0

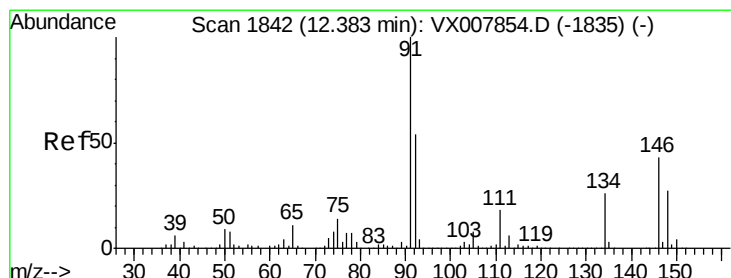
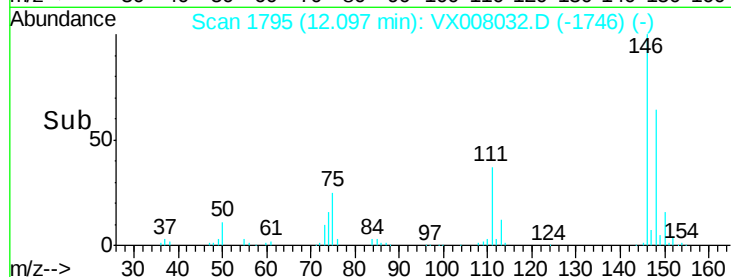
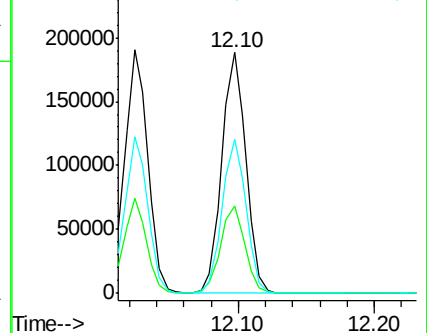
148 63.9 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 49.072 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

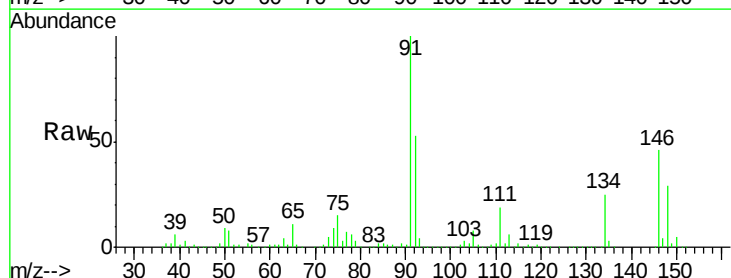
Tgt Ion: 91 Resp: 360411

Ion Ratio Lower Upper

91 100

92 53.1 27.0 80.8

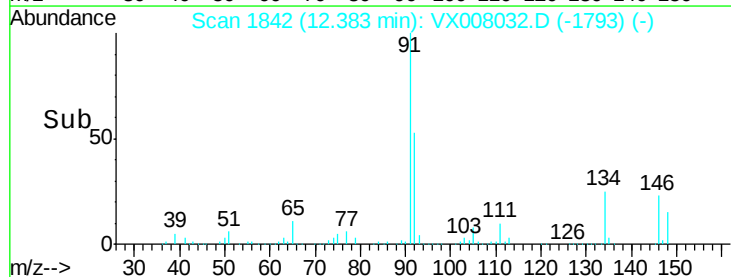
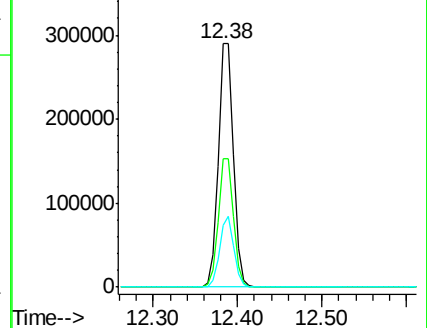
134 27.2 13.7 41.0

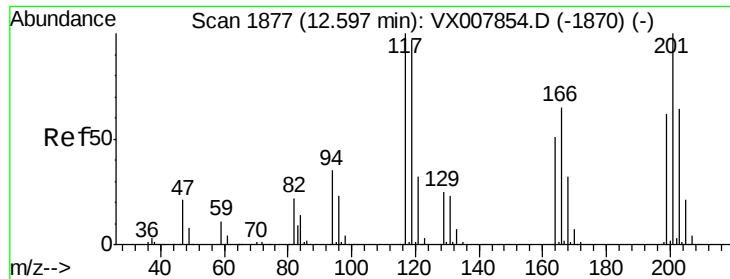


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

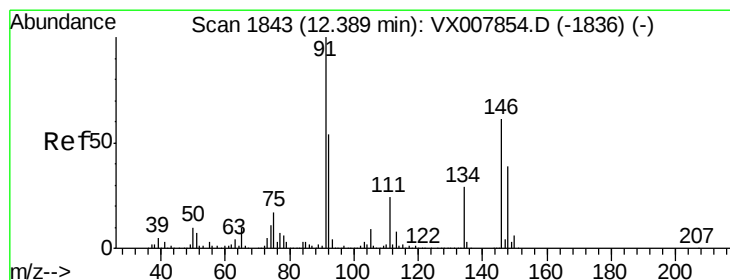
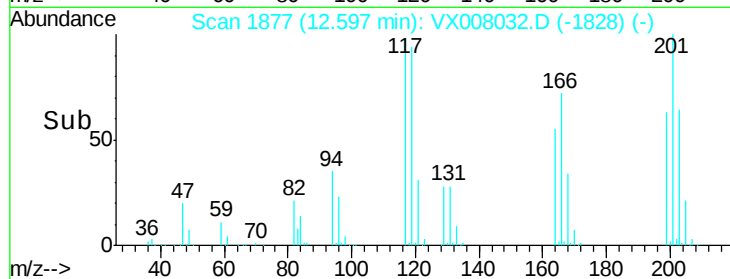
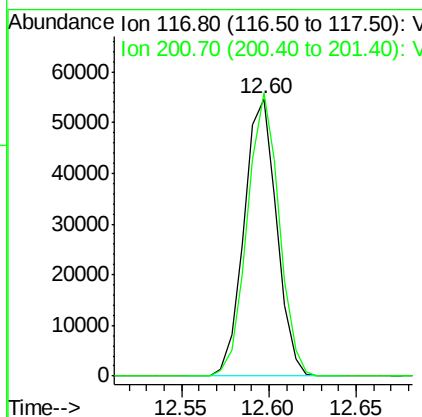
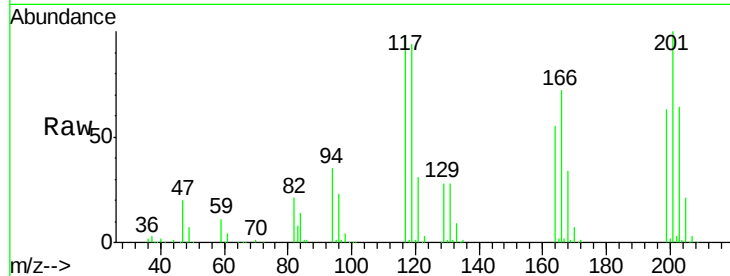




#90
 Hexachloroethane
 Concen: 48.857 ug/l
 RT: 12.60 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX008032.D
 Acq: 12 Mar 2019 22:20

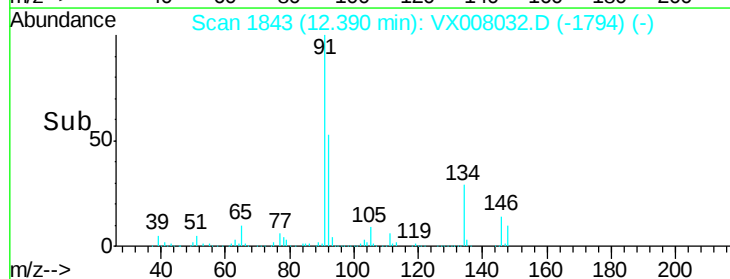
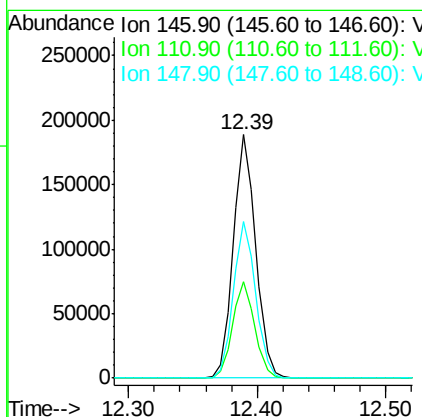
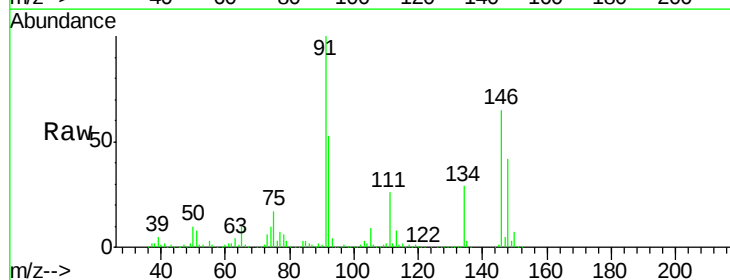
Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05D-M20W2-030619MS

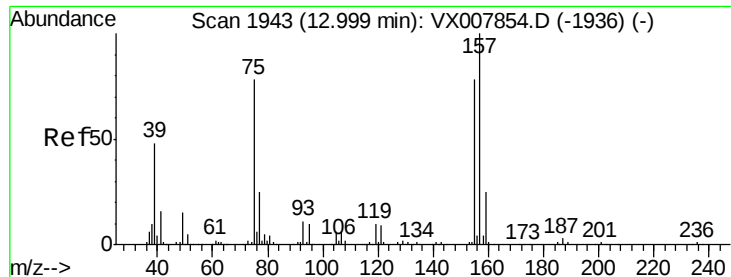
Tot Ion:117 Resp: 70815
 Ion Ratio Lower Upper
 117 100
 201 99.5 48.9 146.7



#91
 1,2-Dichlorobenzene
 Concen: 48.008 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008032.D
 Acq: 12 Mar 2019 22:20

Tgt Ion:146 Resp: 229325
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.6 58.8
 148 64.0 31.9 95.5





#92

1,2-Dibromo-3-Chloropropane

Concen: 46.765 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

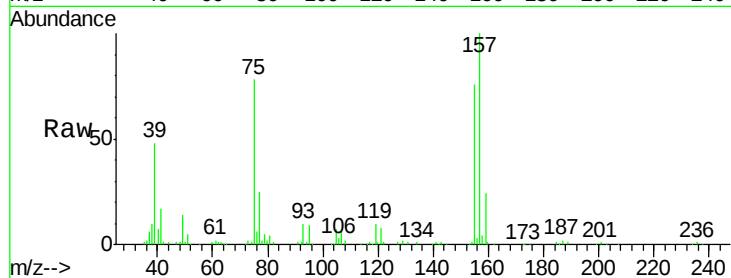
Tot Ion: 75 Resp: 33421

Ion	Ratio	Lower	Upper
75	100		
155	102.2	49.7	149.1
157	132.2	63.8	191.4

75 100

155 102.2 49.7 149.1

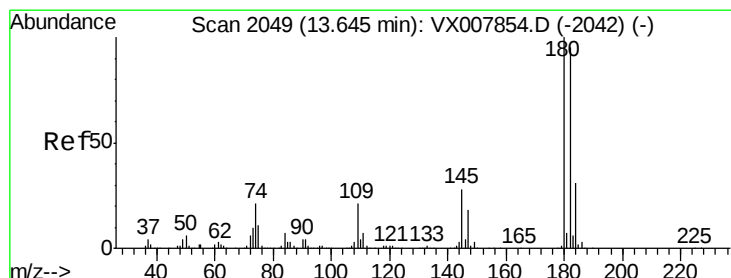
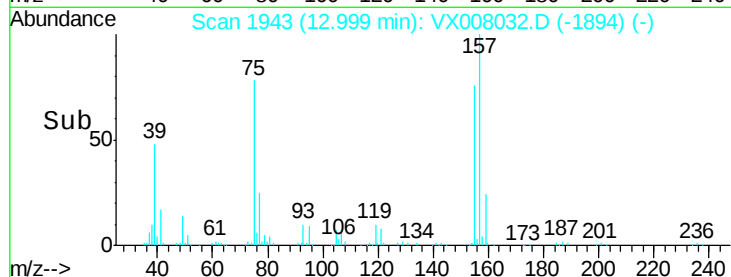
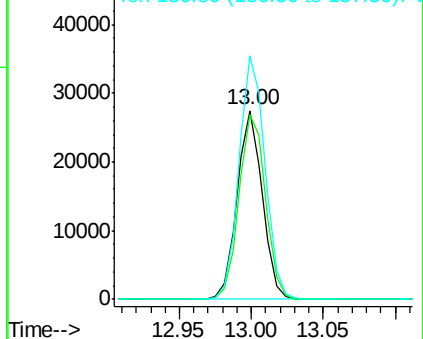
157 132.2 63.8 191.4



Abundance Ion 74.90 (74.60 to 75.60): VX007854.D (-1936) (-)

Ion 154.80 (154.50 to 155.50): VX007854.D (-1936) (-)

Ion 156.80 (156.50 to 157.50): VX007854.D (-1936) (-)



#93

1,2,4-Trichlorobenzene

Concen: 47.918 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

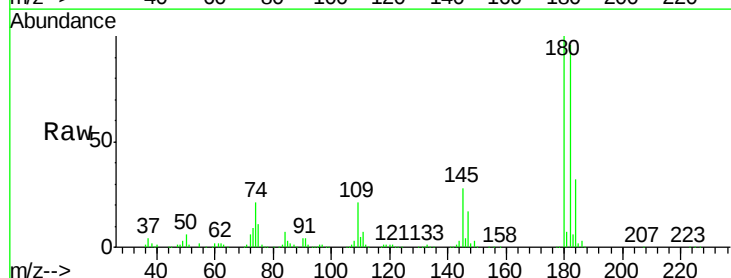
Tgt Ion: 180 Resp: 160798

Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.9	143.7
145	28.5	14.1	42.4

180 100

182 96.3 47.9 143.7

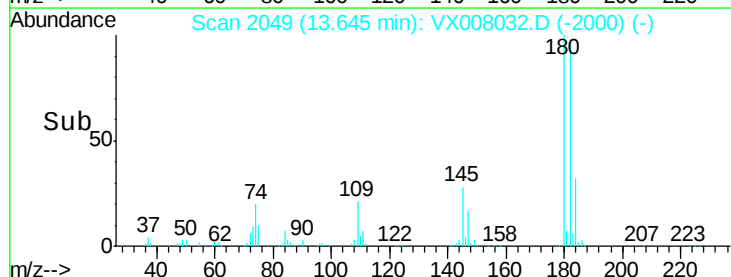
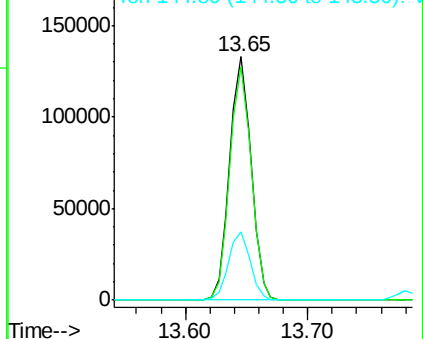
145 28.5 14.1 42.4

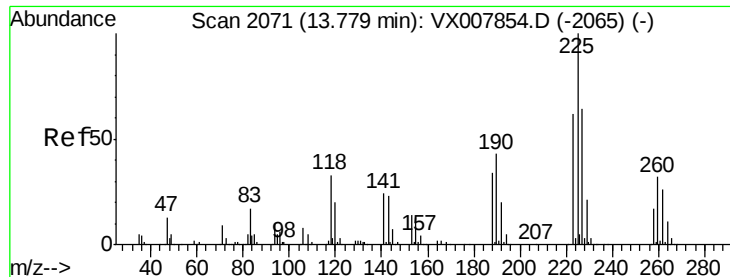


Abundance Ion 179.80 (179.50 to 180.50): VX007854.D (-2042) (-)

Ion 181.80 (181.50 to 182.50): VX007854.D (-2042) (-)

Ion 144.80 (144.50 to 145.50): VX007854.D (-2042) (-)





#94

Hexachlorobutadiene

Concen: 49.148 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

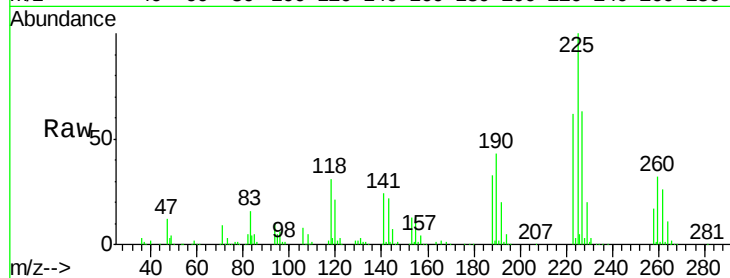
Tot Ion:225 Resp: 86228

Ion Ratio Lower Upper

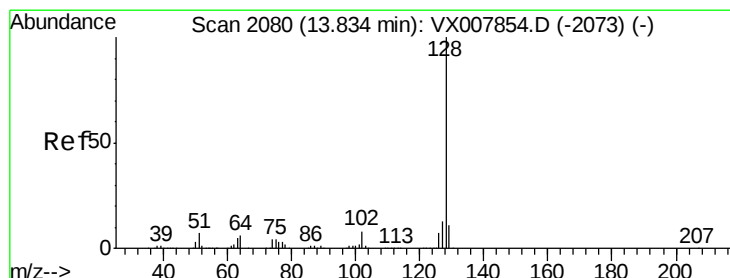
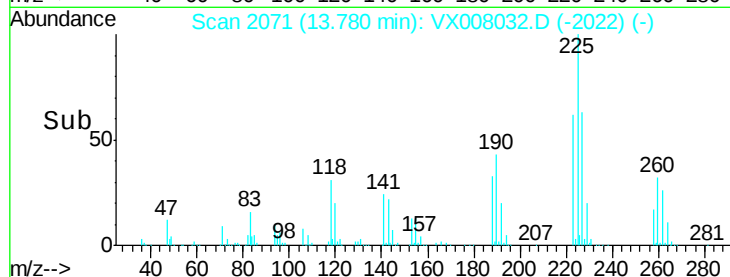
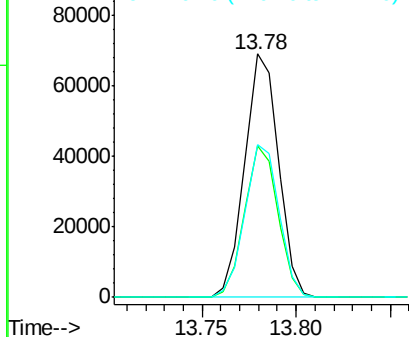
225 100

223 61.8 31.1 93.2

227 63.4 32.0 96.0



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



#95

Naphthalene

Concen: 50.090 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

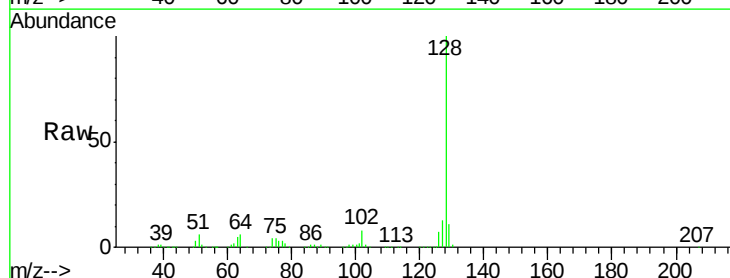
Tgt Ion:128 Resp: 484312

Ion Ratio Lower Upper

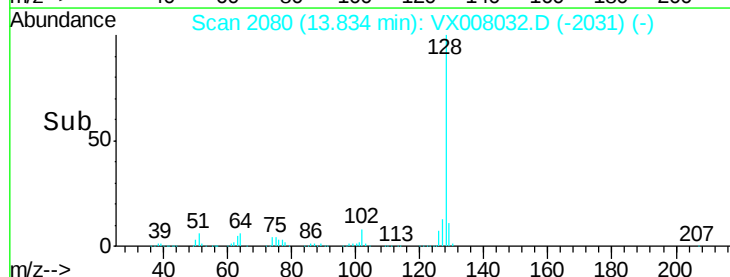
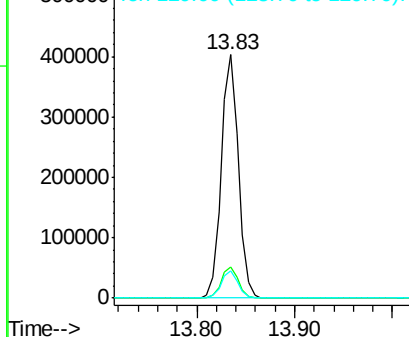
128 100

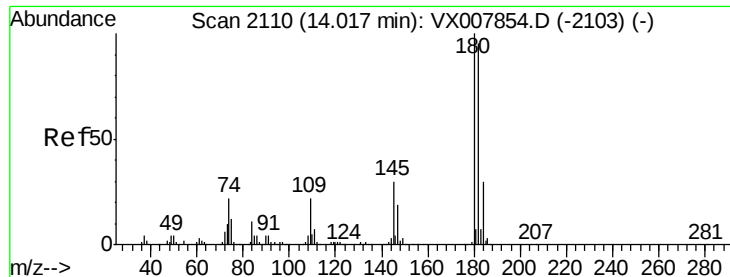
127 12.8 10.3 15.5

129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

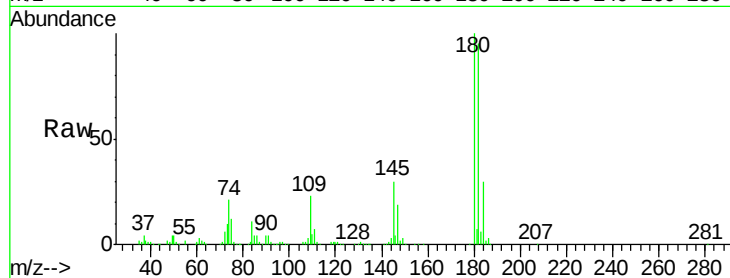




#96
 1,2,3-Trichlorobenzene
 Concen: 48.723 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX008032.D
 Acq: 12 Mar 2019 22:20

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05D-M20W2-030619MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.5	142.5
145	29.7	14.8	44.3



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

