

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031219\
 Data File : VX008033.D
 Acq On : 12 Mar 2019 22:46
 Operator : JC/SP
 Sample : K1828-10MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Mar 13 05:25:00 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	222355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	324795	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	290348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145723	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	119922	51.13	ug/l	0.00
Spiked Amount			Recovery	=	102.26%	
35) Dibromofluoromethane	5.50	113	107225	51.61	ug/l	0.00
Spiked Amount			Recovery	=	103.22%	
50) Toluene-d8	8.71	98	403511	52.88	ug/l	0.00
Spiked Amount			Recovery	=	105.76%	
62) 4-Bromofluorobenzene	11.13	95	141809	53.01	ug/l	0.00
Spiked Amount			Recovery	=	106.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	87886	46.263	ug/l	100
3) Chloromethane	1.33	50	114669	46.839	ug/l	99
4) Vinyl Chloride	1.41	62	119429	49.097	ug/l	99
5) Bromomethane	1.64	94	61814	54.246	ug/l	100
6) Chloroethane	1.72	64	73937	45.754	ug/l	99
7) Trichlorofluoromethane	1.93	101	152438	48.132	ug/l	99
8) Diethyl Ether	2.19	74	67178	48.984	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	93218	47.497	ug/l	99
10) Methyl Iodide	2.51	142	146783	52.719	ug/l	99
11) Tert butyl alcohol	3.07	59	136427	260.078	ug/l	100
12) 1,1-Dichloroethene	2.37	96	89674	47.401	ug/l	97
13) Acrolein	2.30	56	92976	312.815	ug/l	98
14) Allyl chloride	2.73	41	179598	45.178	ug/l	99
15) Acrylonitrile	3.15	53	317627	239.891	ug/l	100
16) Acetone	2.45	43	258295	190.249	ug/l	100
17) Carbon Disulfide	2.57	76	267831	46.590	ug/l	100
18) Methyl Acetate	2.78	43	130735	45.326	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	327035	50.249	ug/l	100
20) Methylene Chloride	2.86	84	105619	48.881	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	98345	47.245	ug/l	97
22) Diisopropyl ether	3.87	45	351356	48.216	ug/l	98
23) Vinyl Acetate	3.82	43	1312631	205.410	ug/l	99
24) 1,1-Dichloroethane	3.70	63	190210	48.504	ug/l	99
25) 2-Butanone	4.70	43	442922	230.436	ug/l	99
26) 2,2-Dichloropropane	4.59	77	112171	43.175	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	116724	49.003	ug/l	97
28) Bromochloromethane	5.02	49	88812	48.577	ug/l	98
29) Tetrahydrofuran	5.15	42	294256	245.429	ug/l	98
30) Chloroform	5.21	83	185861	50.103	ug/l	99
31) Cyclohexane	5.57	56	171733	47.648	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	157226	51.083	ug/l	98
36) 1,1-Dichloropropene	5.80	75	139168	47.321	ug/l	100
37) Ethyl Acetate	4.85	43	148273	42.485	ug/l	99
38) Carbon Tetrachloride	5.78	117	136995	49.066	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031219\
 Data File : VX008033.D
 Acq On : 12 Mar 2019 22:46
 Operator : JC/SP
 Sample : K1828-10MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Mar 13 05:25:00 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)
39) Methylcyclohexane	7.46	83	170722	47.907	ug/l	98
40) Benzene	6.14	78	431800	49.318	ug/l	100
41) Methacrylonitrile	5.06	41	94468	49.648	ug/l	99
42) 1,2-Dichloroethane	6.20	62	140538	49.083	ug/l	100
43) Isopropyl Acetate	6.46	43	238344	46.145	ug/l	99
44) Trichloroethene	7.21	130	119012	49.325	ug/l	99
45) 1,2-Dichloropropane	7.52	63	115444	49.923	ug/l	99
46) Dibromomethane	7.66	93	72372	49.453	ug/l	98
47) Bromodichloromethane	7.90	83	137371	49.510	ug/l	97
48) Methyl methacrylate	7.77	41	134867	49.664	ug/l	98
49) 1,4-Dioxane	7.75	88	58062	1040.830	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	839042	252.595	ug/l	99
52) Toluene	8.78	92	272273	50.936	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	149350	51.571	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	164285	50.236	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	111876	51.702	ug/l	99
56) Ethyl methacrylate	9.18	69	170350	52.433	ug/l	97
57) 1,3-Dichloropropane	9.37	76	185156	50.961	ug/l	100
59) 2-Hexanone	9.49	43	625805	242.664	ug/l	99
60) Dibromochloromethane	9.58	129	116444	51.484	ug/l	100
61) 1,2-Dibromoethane	9.67	107	117608	51.192	ug/l	100
64) Tetrachloroethene	9.34	164	117095	48.666	ug/l	97
65) Chlorobenzene	10.13	112	299476	49.290	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	110820	50.892	ug/l	100
67) Ethyl Benzene	10.25	91	502082	50.202	ug/l	100
68) m/p-Xylenes	10.36	106	390260	101.234	ug/l	100
69) o-Xylene	10.69	106	189482	50.912	ug/l	99
70) Styrene	10.71	104	309499	50.818	ug/l	100
71) Bromoform	10.85	173	92618	49.528	ug/l	99
73) Isopropylbenzene	11.02	105	504309	51.171	ug/l	100
74) N-amyl acetate	10.90	43	189003	42.007	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	163164	47.996	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	188990	61.804	ug/l	92
77) Bromobenzene	11.26	156	133893	49.553	ug/l	98
78) n-propylbenzene	11.36	91	554843	50.747	ug/l	100
79) 2-Chlorotoluene	11.42	91	332304	49.709	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	416459	51.341	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	46750	48.869	ug/l	99
82) 4-Chlorotoluene	11.51	91	381919	49.852	ug/l	100
83) tert-Butylbenzene	11.77	119	412682	50.507	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	427836	51.451	ug/l	99
85) sec-Butylbenzene	11.94	105	495666	51.508	ug/l	99
86) p-Isopropyltoluene	12.06	119	447333	51.905	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	236610	49.497	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	234980	48.000	ug/l	100
89) n-Butylbenzene	12.38	91	371978	50.946	ug/l	99
90) Hexachloroethane	12.60	117	72374	50.227	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	233481	49.166	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34345	48.341	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	165877	49.723	ug/l	100

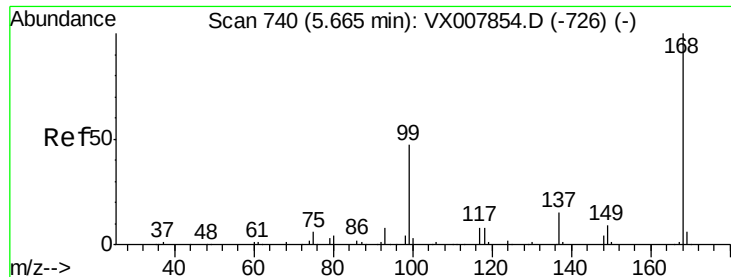
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031219\
Data File : VX008033.D
Acq On : 12 Mar 2019 22:46
Operator : JC/SP
Sample : K1828-10MSD
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Mar 13 05:25:00 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)
94) Hexachlorobutadiene	13.78	225	87738	50.304	ug/l	99
95) Naphthalene	13.83	128	493327	51.323	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	166730	50.170	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008033.D

Acq: 12 Mar 2019 22:46

Instrument :

MSVOA_X

ClientSampleId :

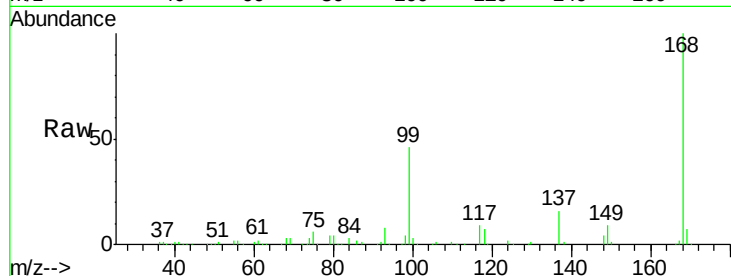
CPA-CPMW05D-M20W2-030619MS

Tot Ion:168 Resp: 222355

Ion Ratio Lower Upper

168 100

99 46.2 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

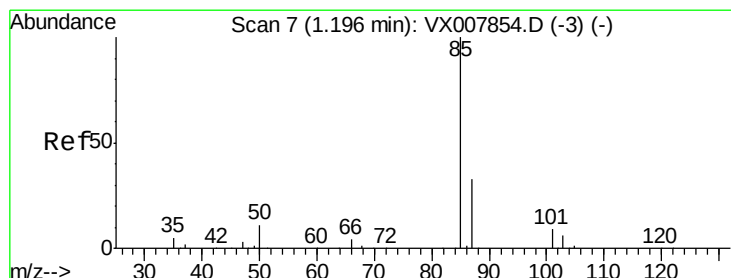
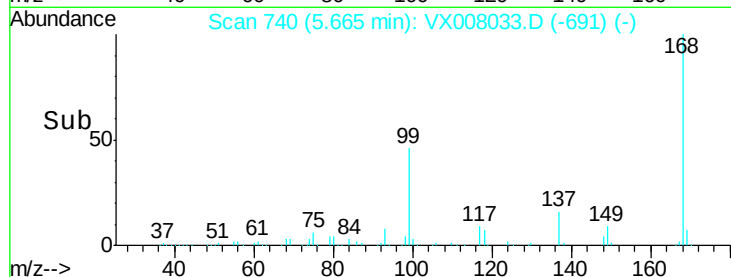
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 46.263 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008033.D

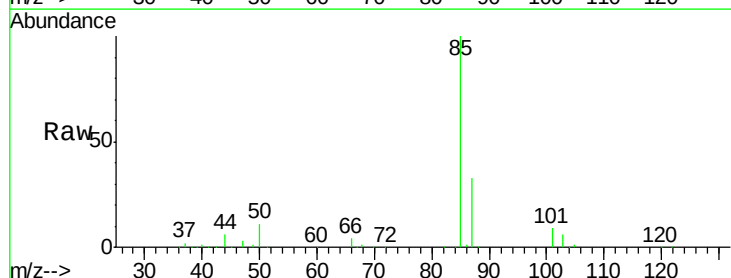
Acq: 12 Mar 2019 22:46

Tgt Ion: 85 Resp: 87886

Ion Ratio Lower Upper

85 100

87 32.8 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

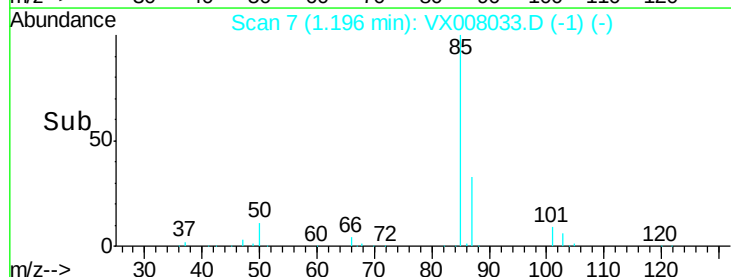
40000

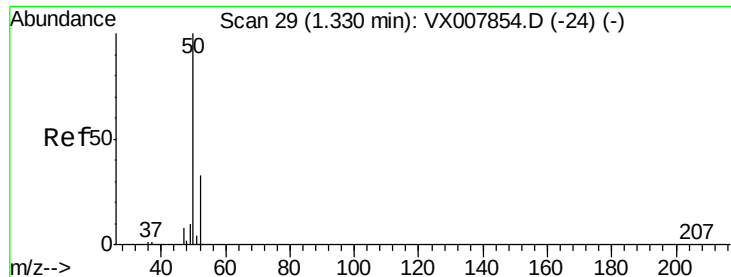
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 46.839 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX008033.D

Acq: 12 Mar 2019 22:46

Instrument :

MSVOA_X

ClientSampleId :

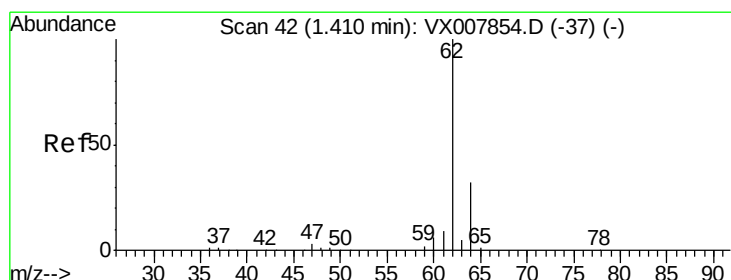
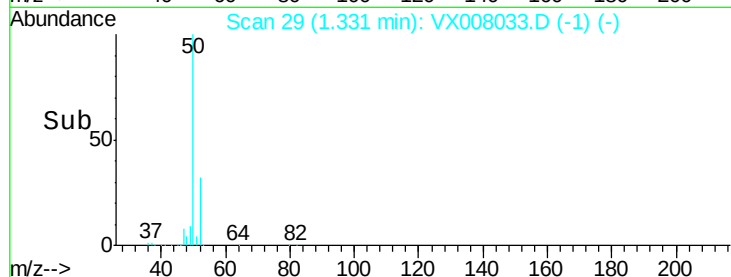
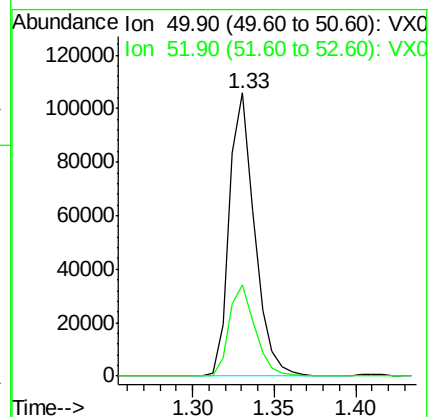
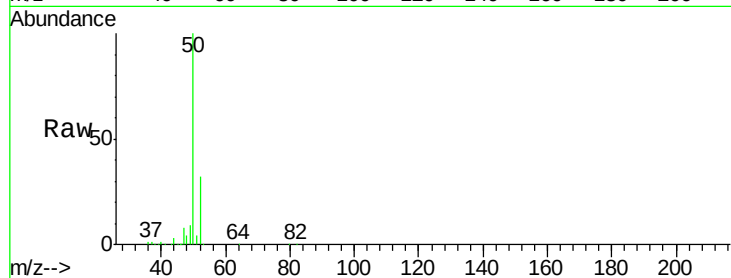
CPA-CPMW05D-M20W2-030619MS

Tot Ion: 50 Resp: 114669

Ion Ratio Lower Upper

50 100

52 32.5 26.5 39.7



#4

Vinyl Chloride

Concen: 49.097 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX008033.D

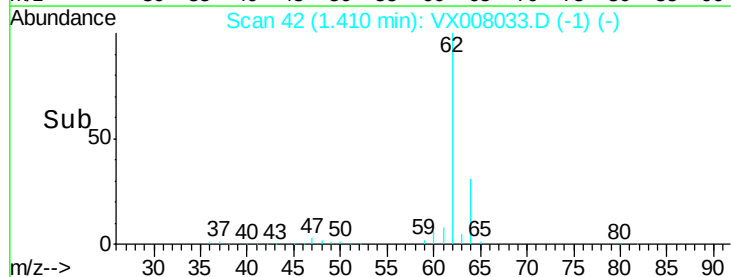
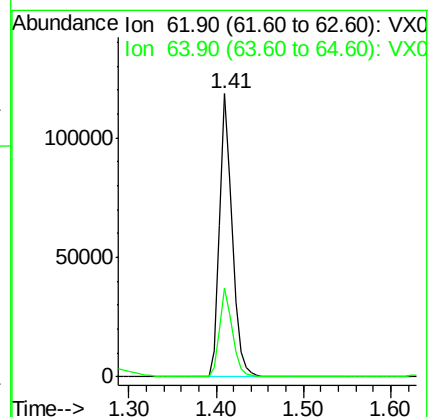
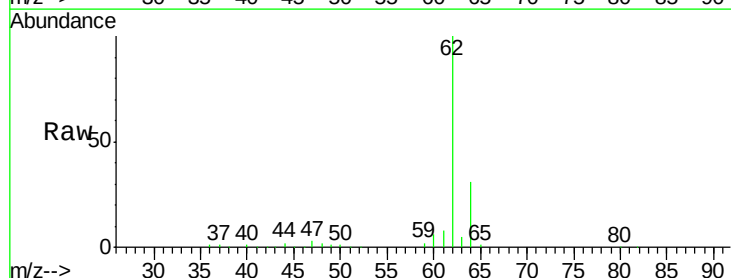
Acq: 12 Mar 2019 22:46

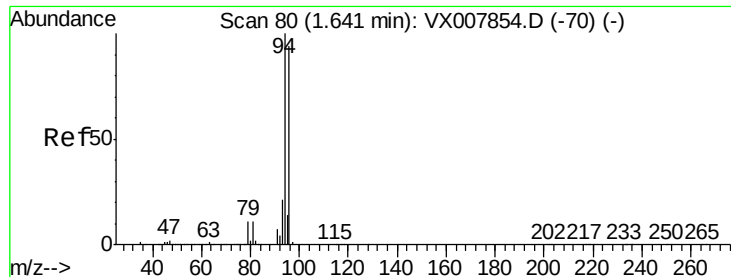
Tgt Ion: 62 Resp: 119429

Ion Ratio Lower Upper

62 100

64 31.3 25.3 37.9





#5

Bromomethane

Concen: 54.246 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX008033.D

Acq: 12 Mar 2019 22:46

Instrument :

MSVOA_X

ClientSampleId :

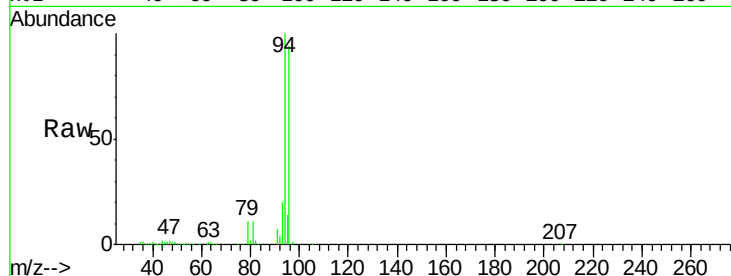
CPA-CPMW05D-M20W2-030619MS

Tot Ion: 94 Resp: 61814

Ion Ratio Lower Upper

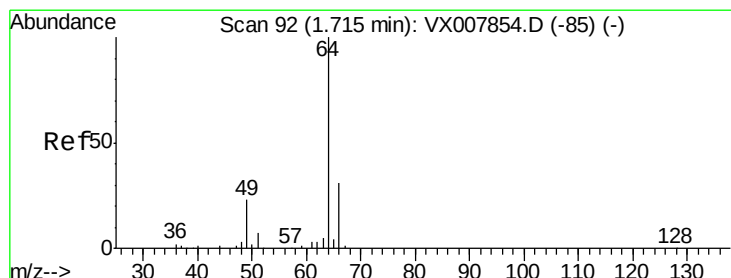
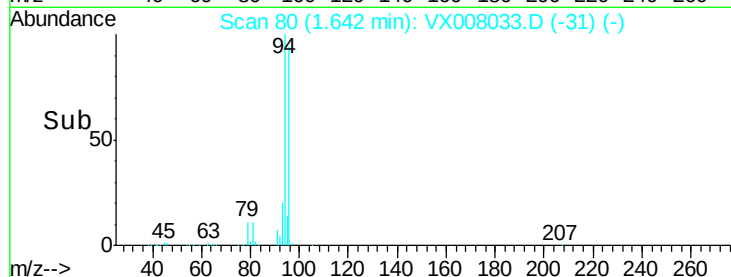
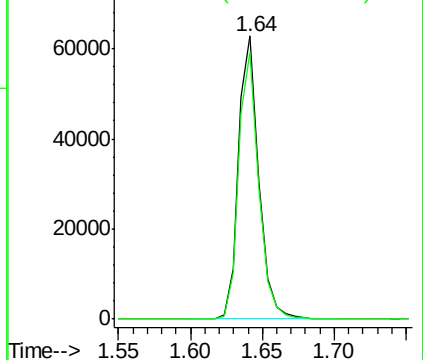
94 100

96 94.1 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 45.754 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008033.D

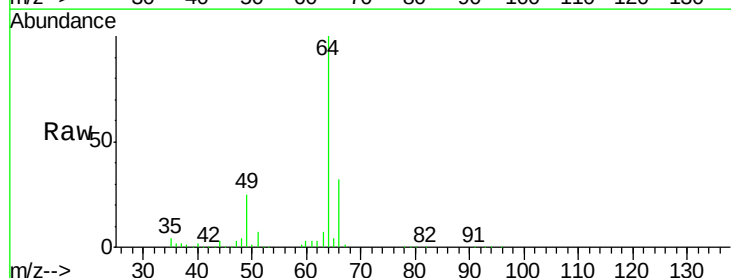
Acq: 12 Mar 2019 22:46

Tgt Ion: 64 Resp: 73937

Ion Ratio Lower Upper

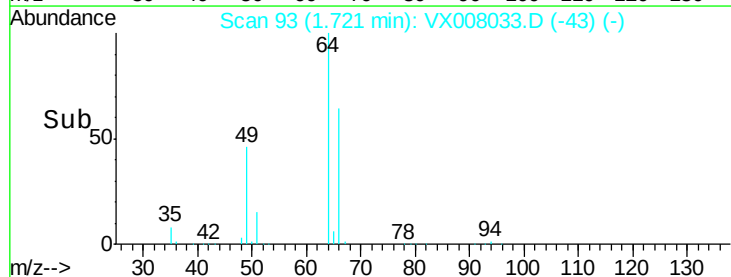
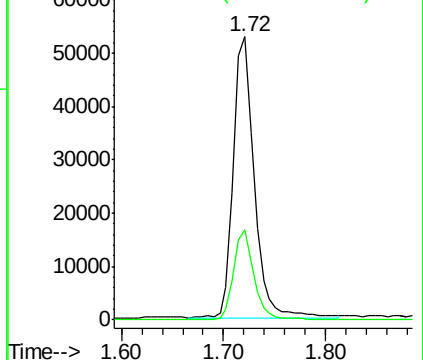
64 100

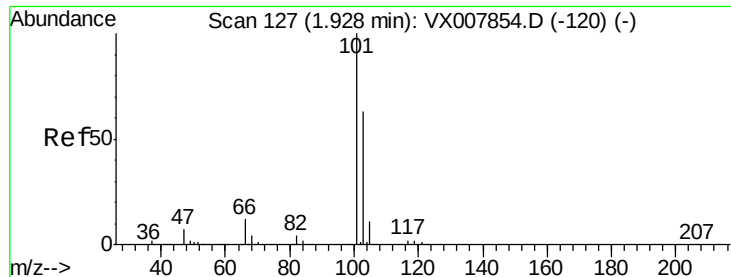
66 31.9 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



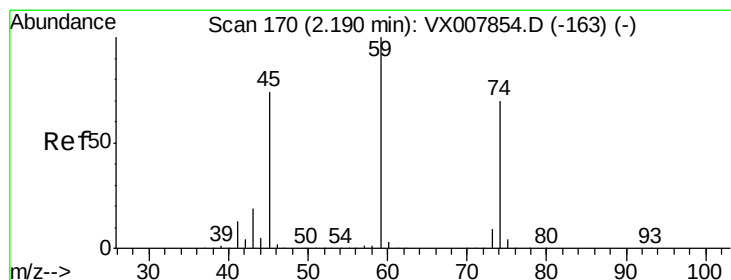
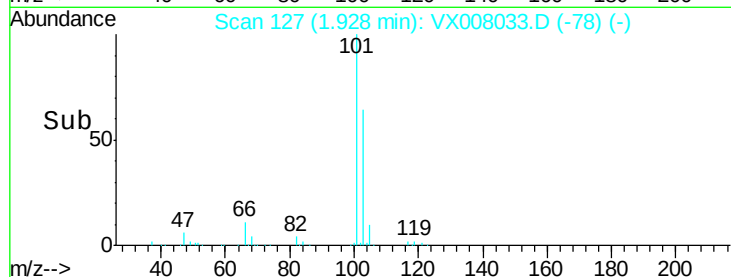
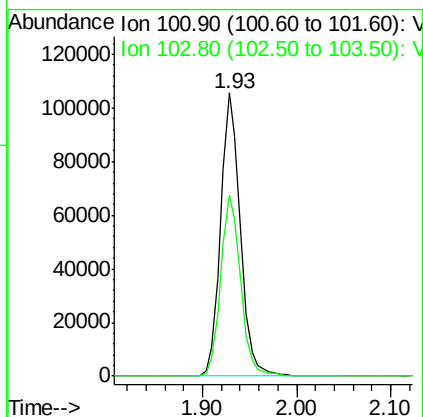
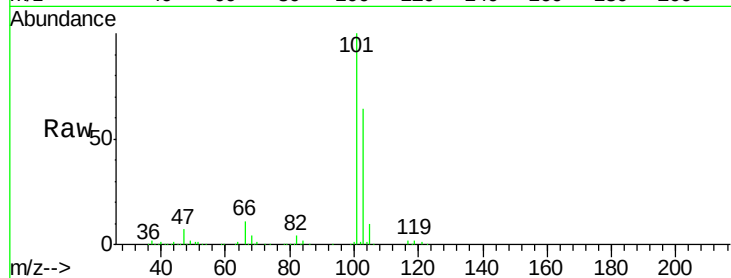


#7

Trichlorofluoromethane
Concen: 48.132 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX008033.D
Acq: 12 Mar 2019 22:46

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

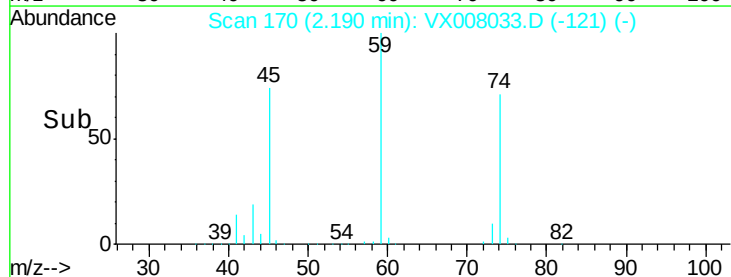
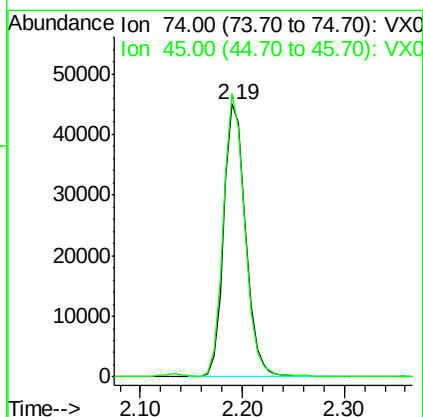
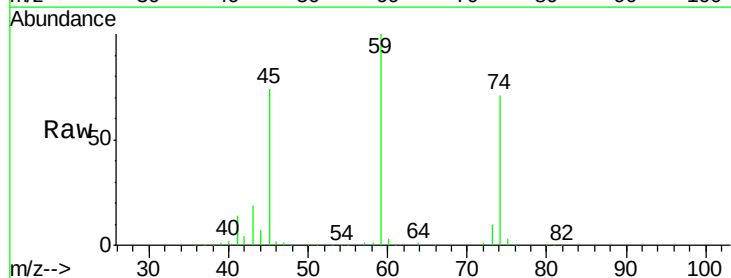
Tot Ion:101 Resp: 152438
Ion Ratio Lower Upper
101 100
103 63.7 50.4 75.6

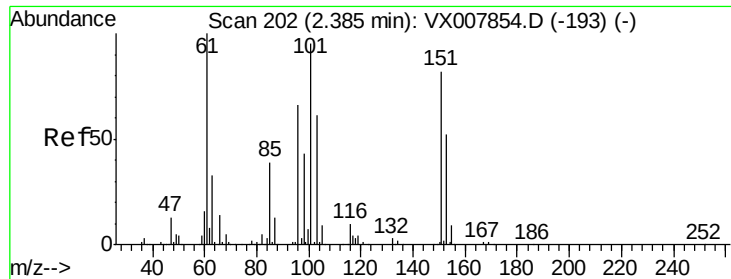


#8

Diethyl Ether
Concen: 48.984 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX008033.D
Acq: 12 Mar 2019 22:46

Tgt Ion: 74 Resp: 67178
Ion Ratio Lower Upper
74 100
45 101.1 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.497 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX008033.D

Acq: 12 Mar 2019 22:46

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

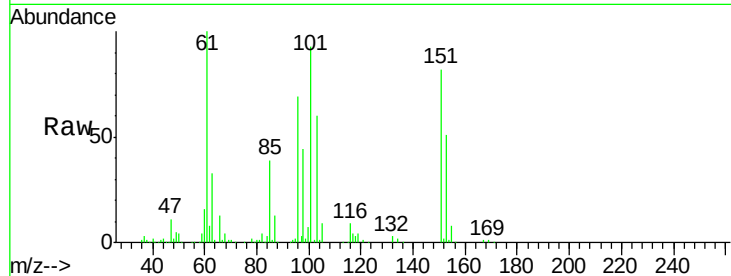
Tot Ion:101 Resp: 93218

Ion Ratio Lower Upper

101 100

85 41.0 33.8 50.6

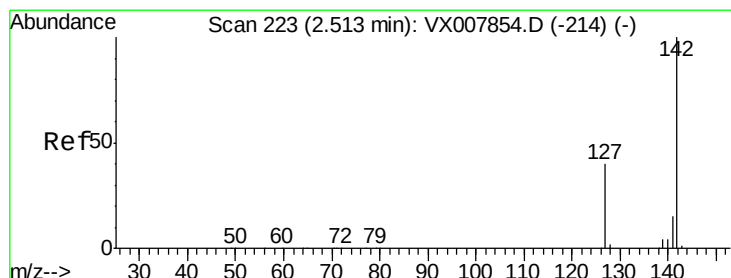
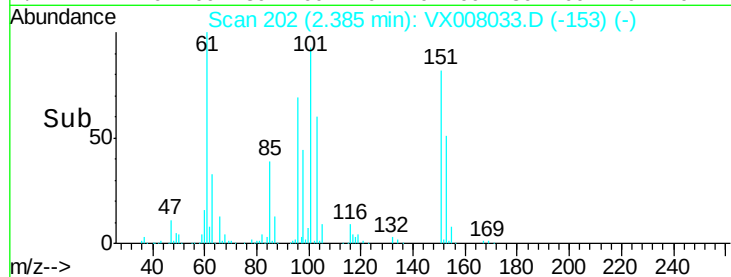
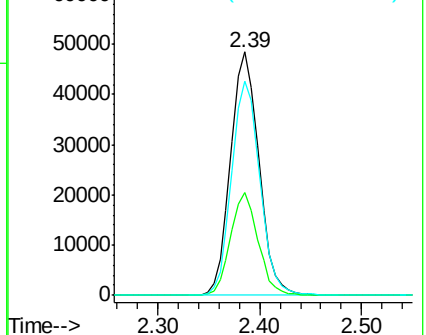
151 87.6 69.1 103.7



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: 52.719 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX008033.D

Acq: 12 Mar 2019 22:46

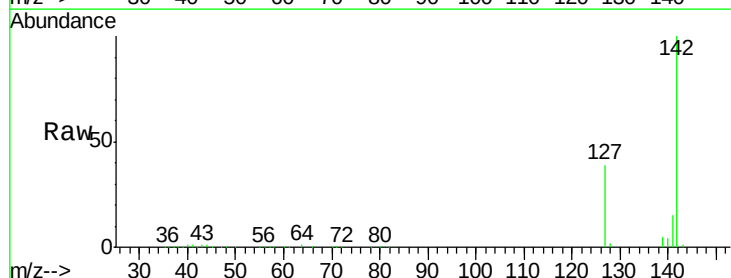
Tgt Ion:142 Resp: 146783

Ion Ratio Lower Upper

142 100

127 39.5 32.1 48.1

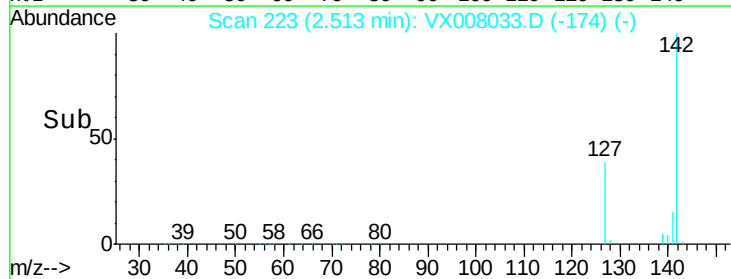
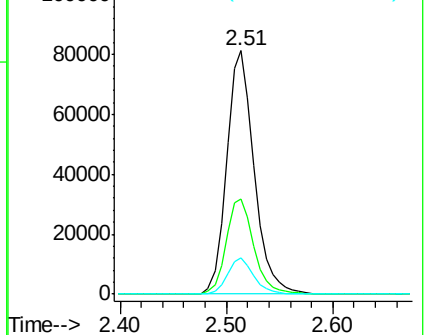
141 14.3 11.4 17.2

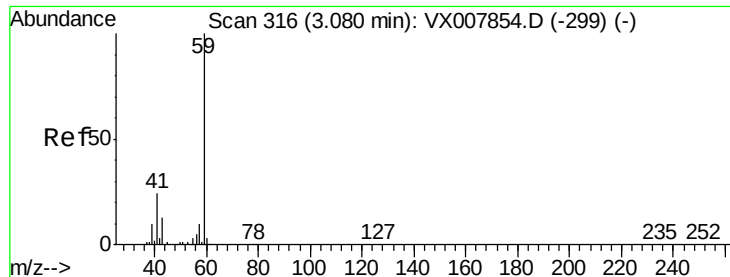


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



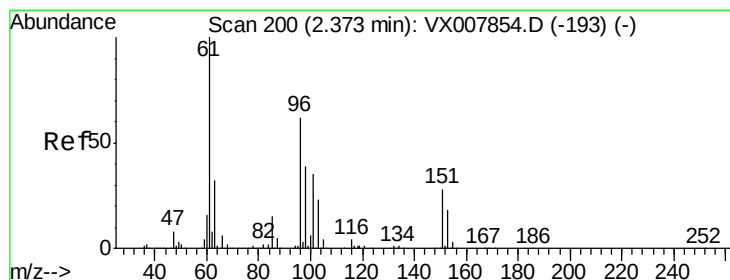
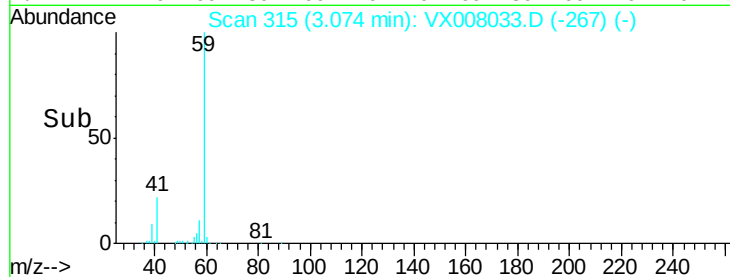
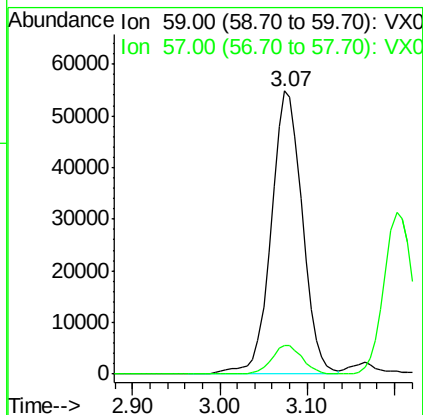
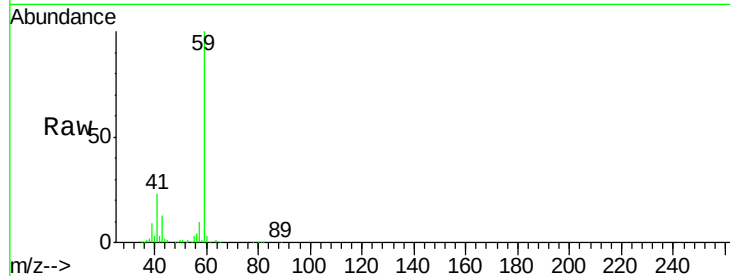


#11

Tert butyl alcohol
Concen: 260.078 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX008033.D
Acq: 12 Mar 2019 22:46

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

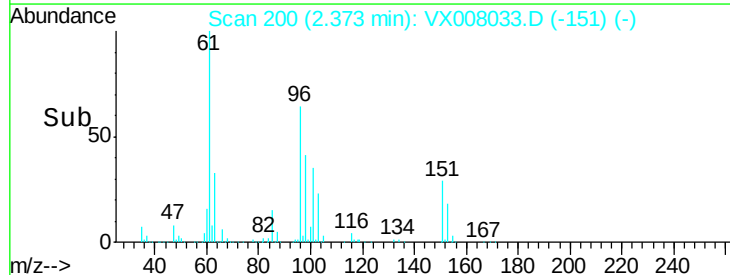
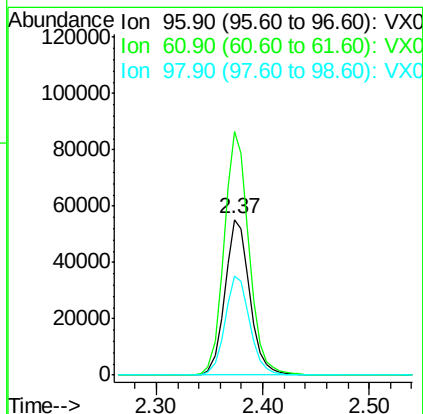
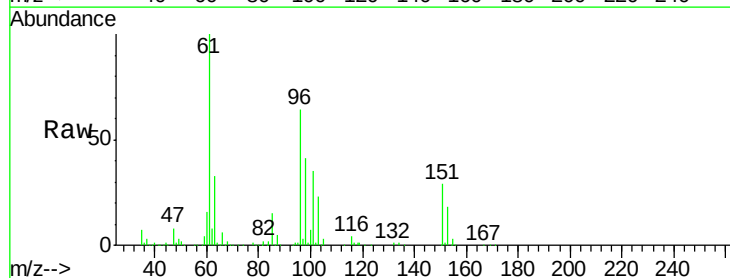
Tot Ion: 59 Resp: 136427
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2

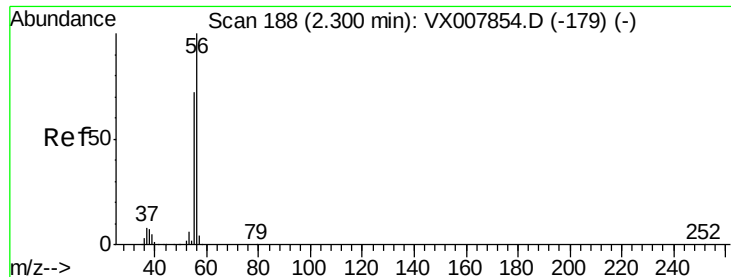


#12

1,1-Dichloroethene
Concen: 47.401 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX008033.D
Acq: 12 Mar 2019 22:46

Tgt Ion: 96 Resp: 89674
Ion Ratio Lower Upper
96 100
61 156.6 129.8 194.6
98 63.7 51.0 76.6





#13

Acrolein

Concen: 312.815 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX008033.D

Acq: 12 Mar 2019 22:46

Instrument :

MSVOA_X

ClientSampleId :

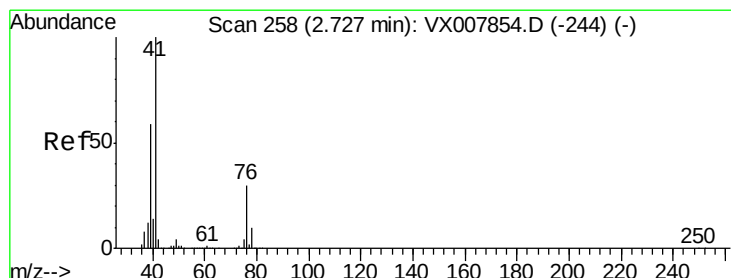
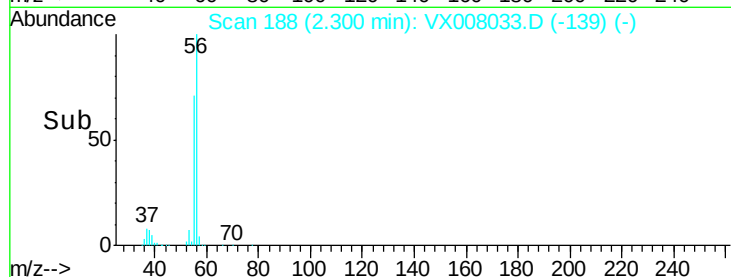
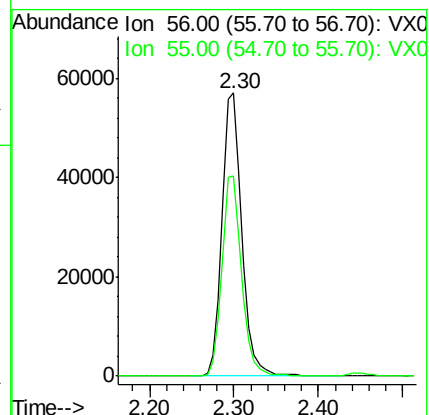
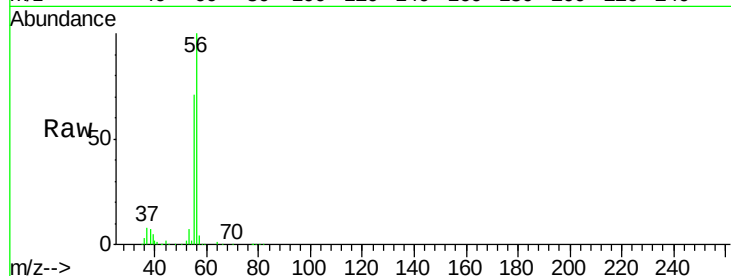
CPA-CPMW05D-M20W2-030619MS

Tot Ion: 56 Resp: 92976

Ion Ratio Lower Upper

56 100

55 70.7 57.8 86.6



#14

Allyl chloride

Concen: 45.178 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX008033.D

Acq: 12 Mar 2019 22:46

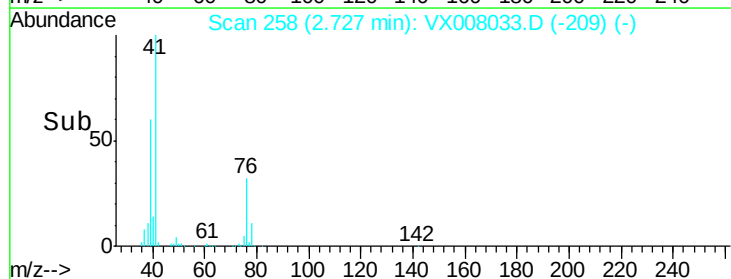
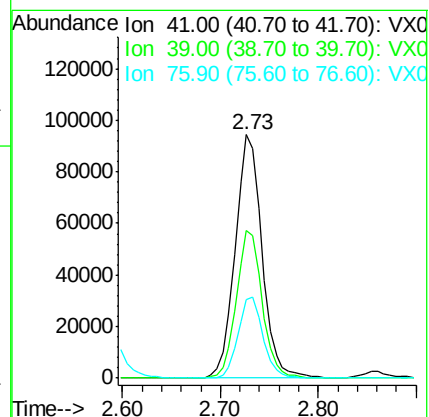
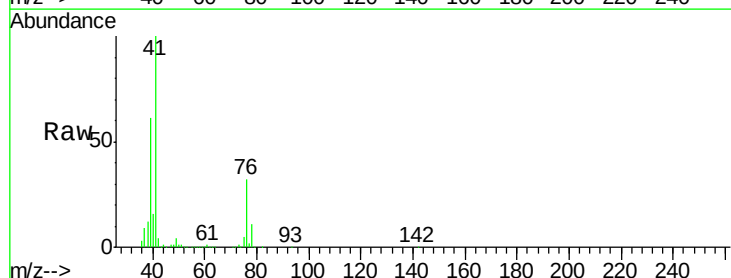
Tgt Ion: 41 Resp: 179598

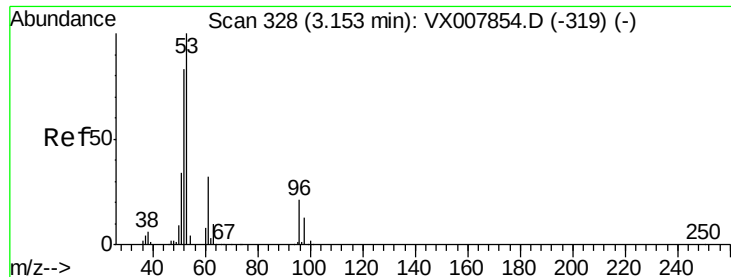
Ion Ratio Lower Upper

41 100

39 58.4 46.1 69.1

76 31.1 24.0 36.0





#15

Acrylonitrile

Concen: 239.891 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX008033.D

Acq: 12 Mar 2019 22:46

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

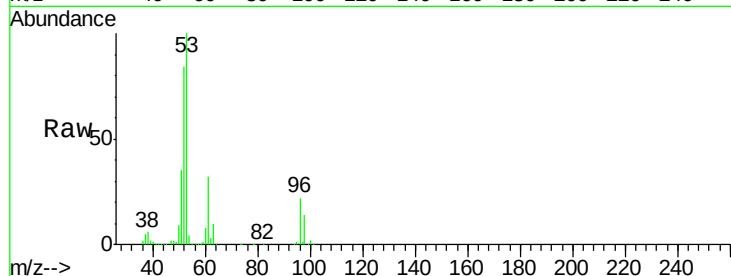
Tot Ion: 53 Resp: 317627

Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.0	99.0
51	35.3	28.0	42.0

53 100

52 82.8 66.0 99.0

51 35.3 28.0 42.0

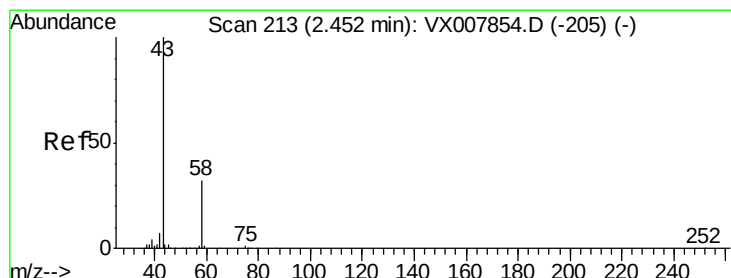
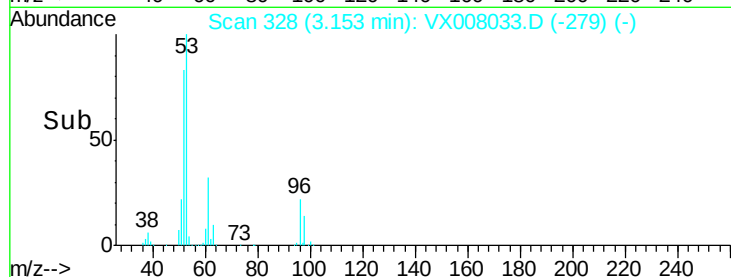
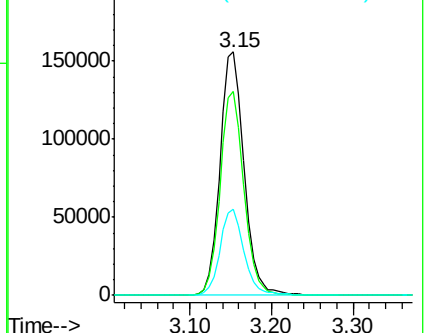


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 190.249 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX008033.D

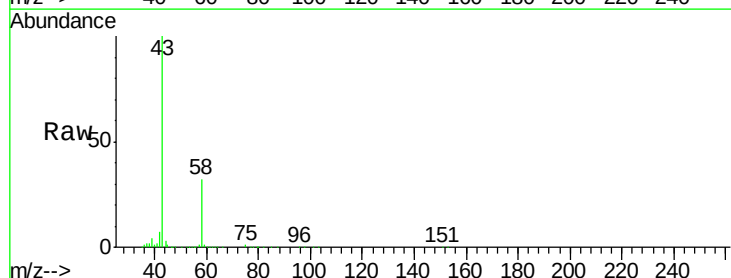
Acq: 12 Mar 2019 22:46

Tgt Ion: 43 Resp: 258295

Ion	Ratio	Lower	Upper
43	100		
58	32.1	25.5	38.3

43 100

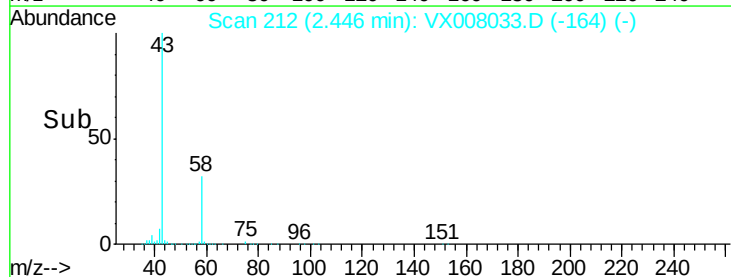
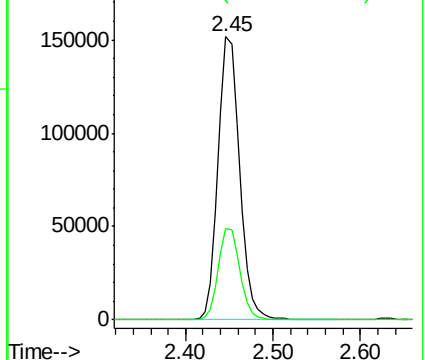
58 32.1 25.5 38.3

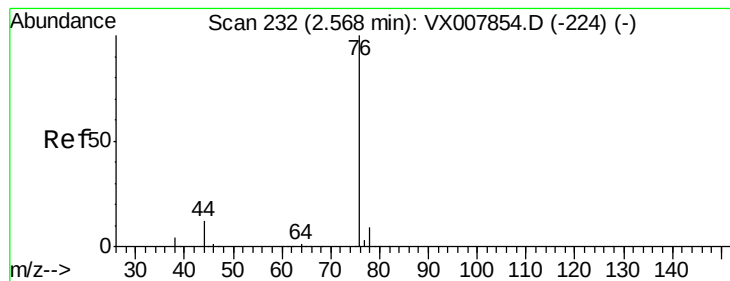


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 46.590 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008033.D

Acq: 12 Mar 2019 22:46

Instrument :

MSVOA_X

ClientSampleId :

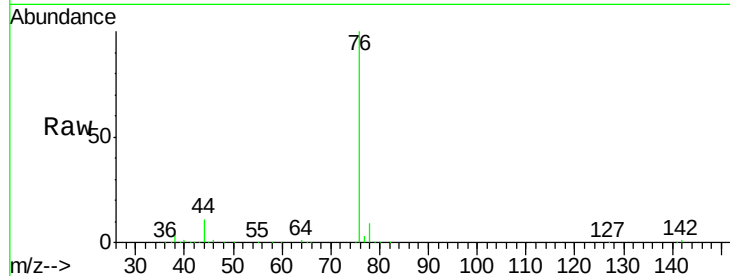
CPA-CPMW05D-M20W2-030619MS

Tot Ion: 76 Resp: 267831

Ion Ratio Lower Upper

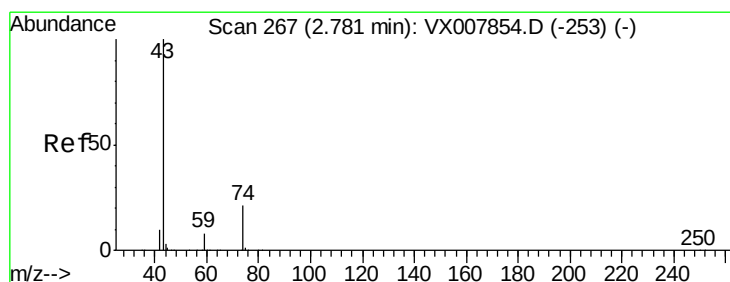
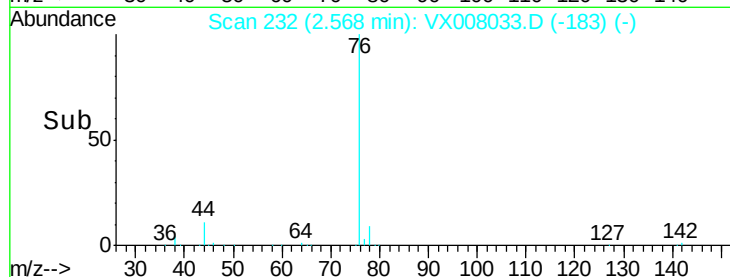
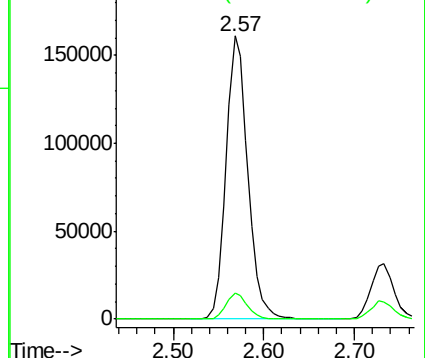
76 100

78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 45.326 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX008033.D

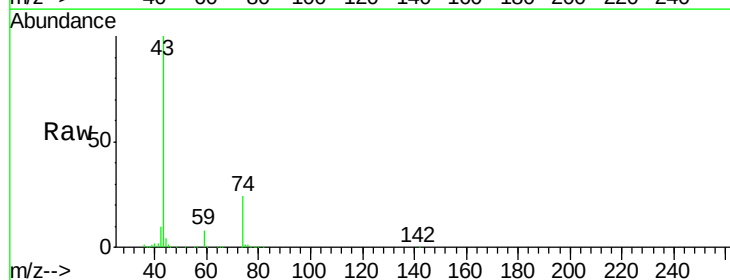
Acq: 12 Mar 2019 22:46

Tgt Ion: 43 Resp: 130735

Ion Ratio Lower Upper

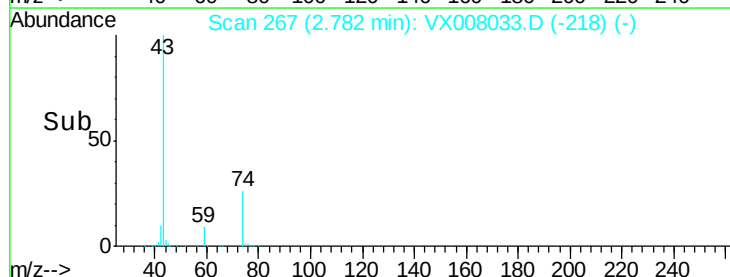
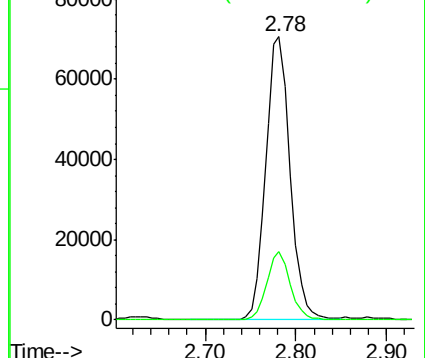
43 100

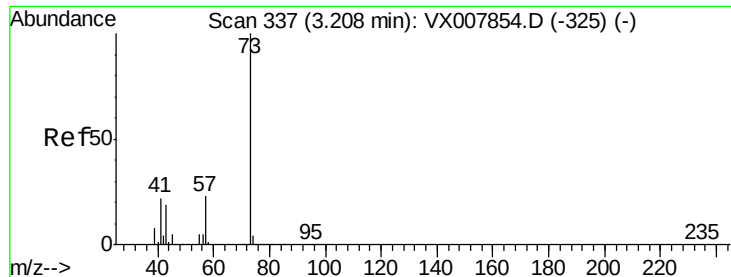
74 23.6 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



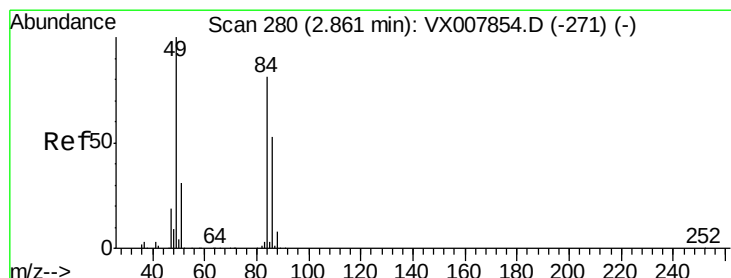
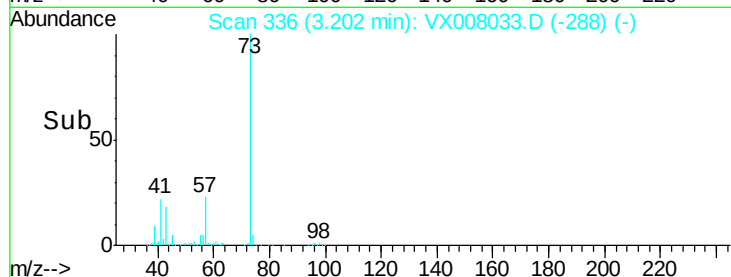
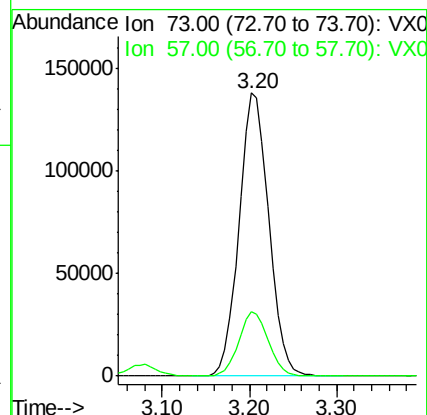
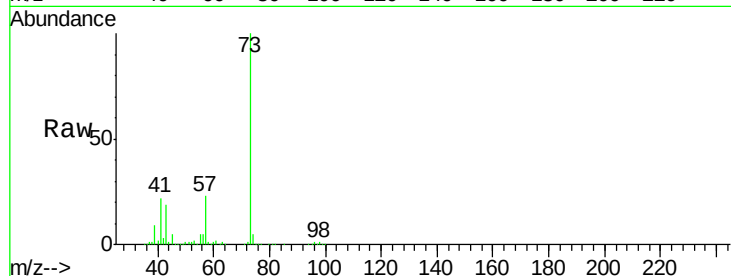


#19

Methyl tert-butyl Ether
 Concen: 50.249 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.01 min
 Lab File: VX008033.D
 Acq: 12 Mar 2019 22:46

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

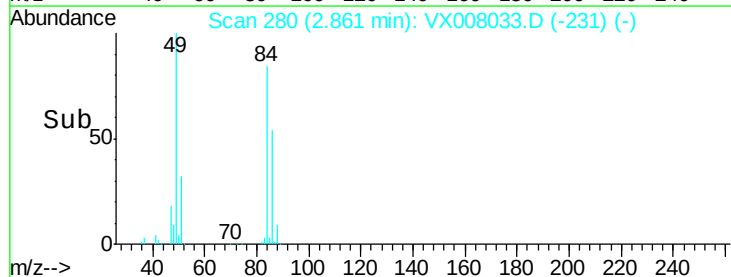
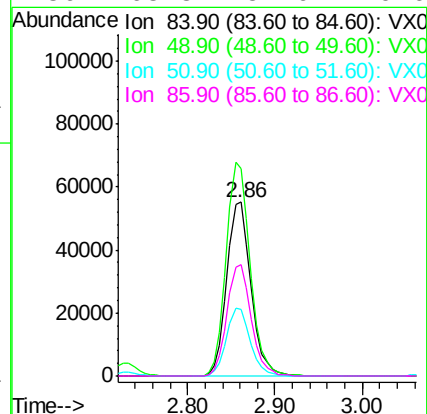
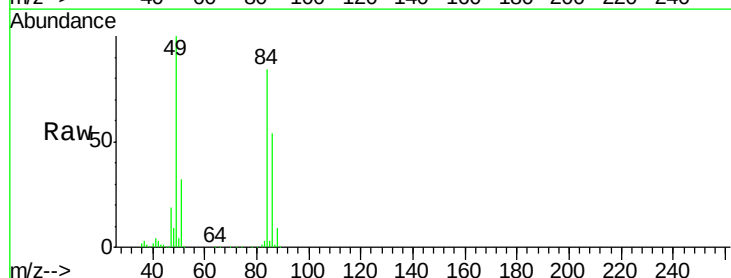
Tot Ion: 73 Resp: 327035
 Ion Ratio Lower Upper
 73 100
 57 22.7 18.2 27.4

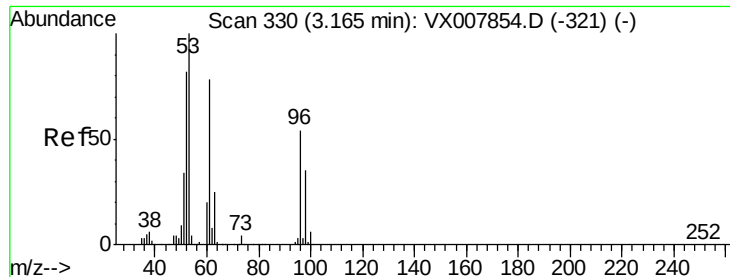


#20

Methylene Chloride
 Concen: 48.881 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX008033.D
 Acq: 12 Mar 2019 22:46

Tgt Ion: 84 Resp: 105619
 Ion Ratio Lower Upper
 84 100
 49 119.1 99.3 148.9
 51 38.1 31.3 46.9
 86 63.8 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 47.245 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008033.D

Acq: 12 Mar 2019 22:46

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

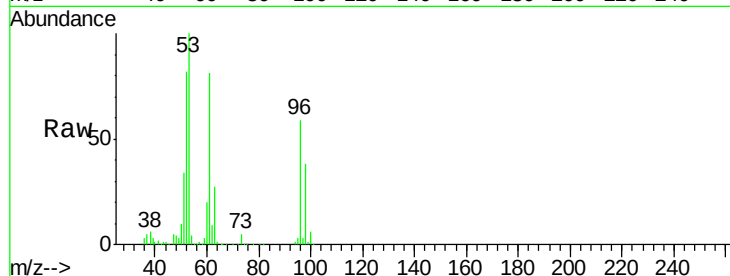
Tot Ion: 96 Resp: 98345

Ion Ratio Lower Upper

96 100

61 138.0 114.4 171.6

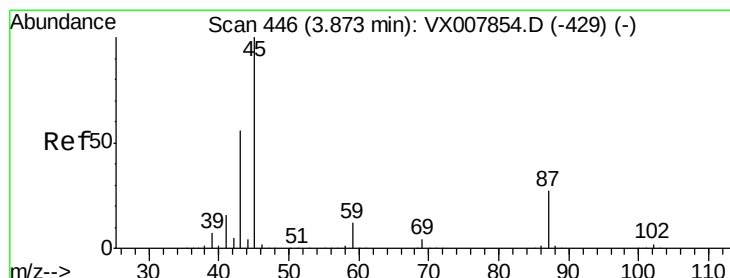
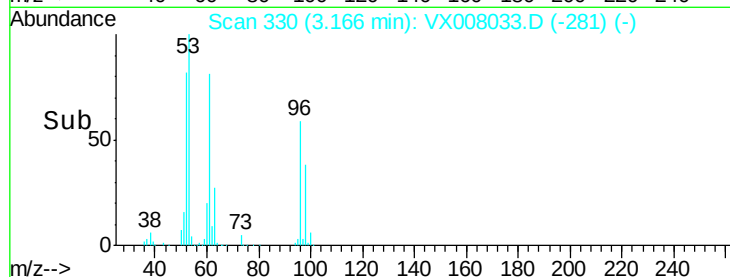
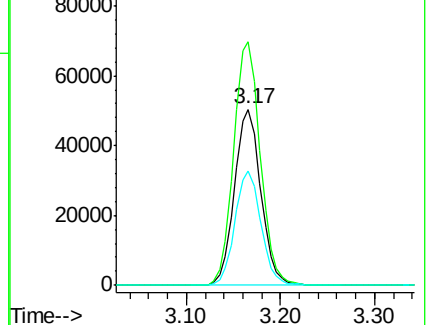
98 64.5 51.1 76.7



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: 48.216 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX008033.D

Acq: 12 Mar 2019 22:46

Tgt Ion: 45 Resp: 351356

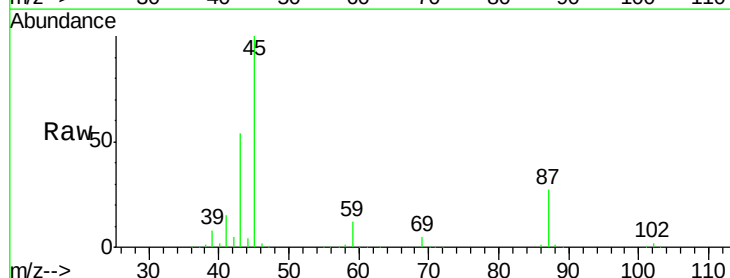
Ion Ratio Lower Upper

45 100

43 54.0 45.3 67.9

87 27.1 21.4 32.0

59 11.6 9.5 14.3

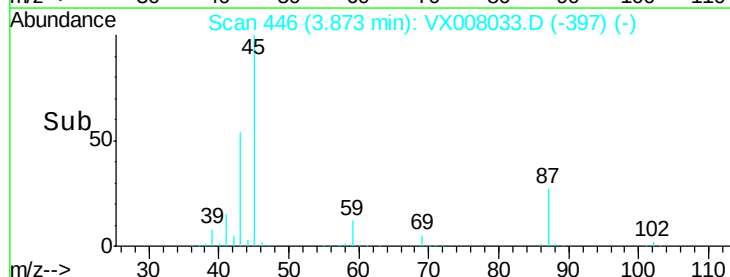
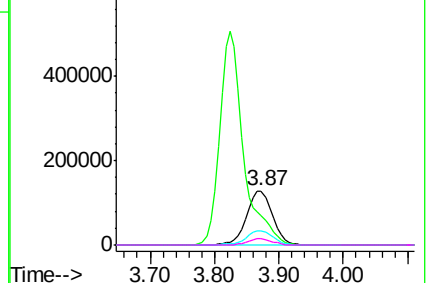


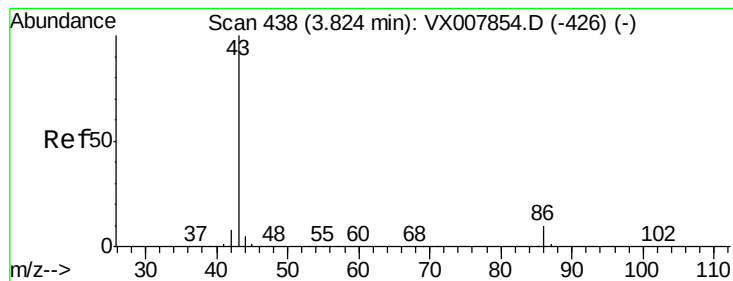
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 205.410 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX008033.D

Acq: 12 Mar 2019 22:46

Instrument :

MSVOA_X

ClientSampleId :

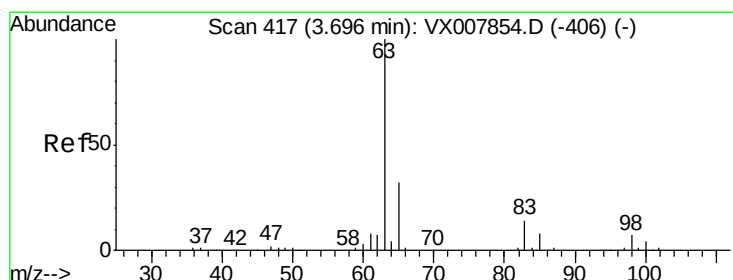
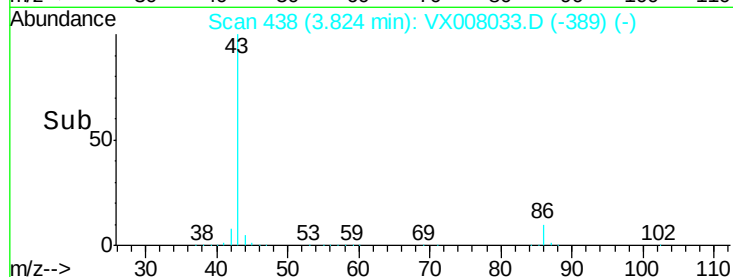
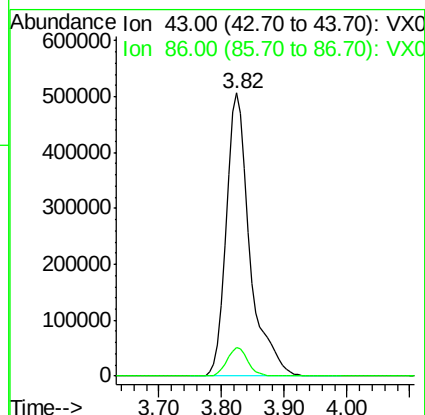
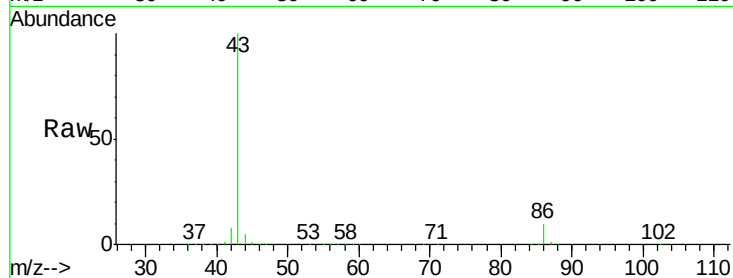
CPA-CPMW05D-M20W2-030619MS

Tot Ion: 43 Resp: 1312631

Ion Ratio Lower Upper

43 100

86 10.2 7.9 11.9



#24

1,1-Dichloroethane

Concen: 48.504 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008033.D

Acq: 12 Mar 2019 22:46

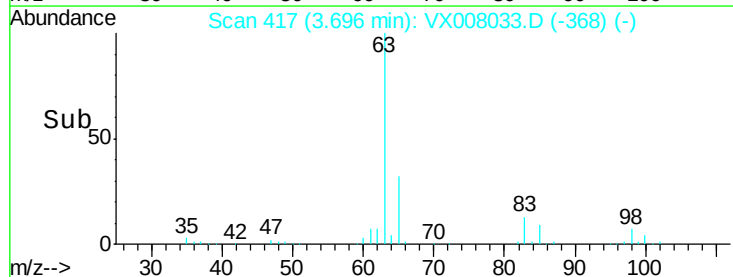
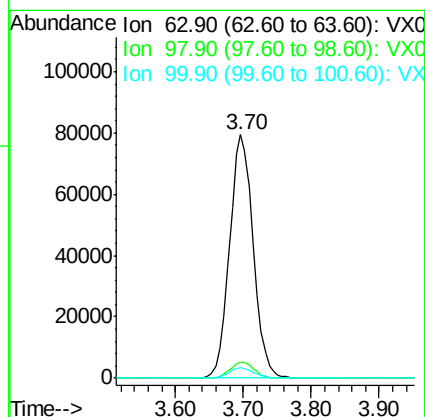
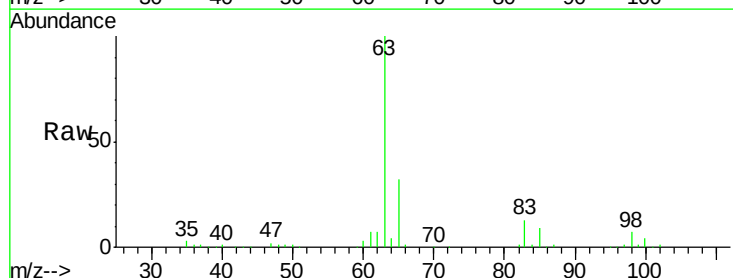
Tgt Ion: 63 Resp: 190210

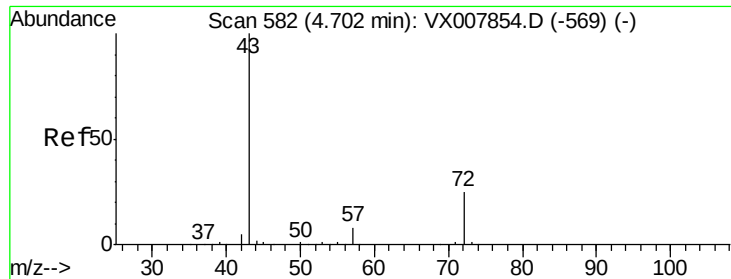
Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

100 4.2 2.3 6.8





#25

2-Butanone

Concen: 230.436 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX008033.D

Acq: 12 Mar 2019 22:46

Instrument :

MSVOA_X

ClientSampleId :

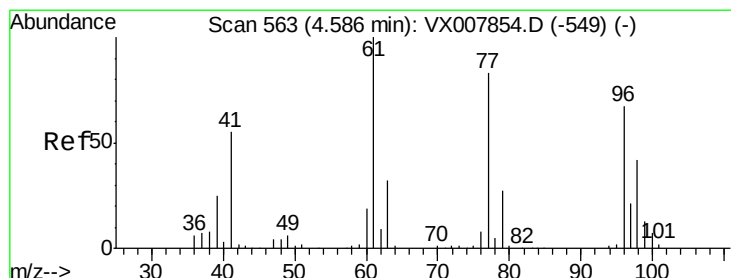
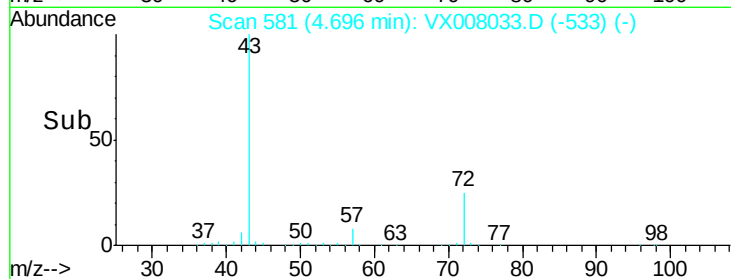
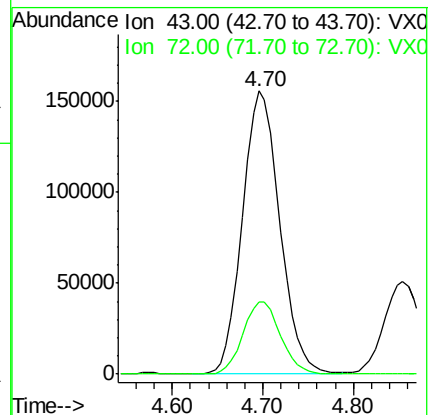
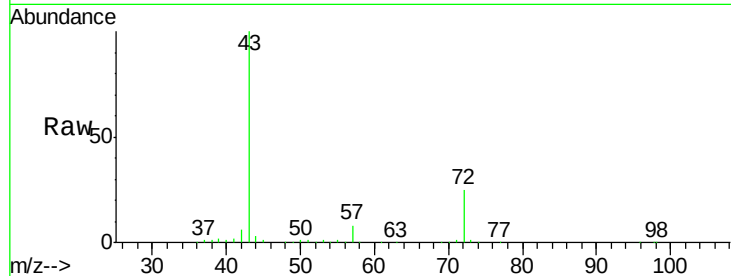
CPA-CPMW05D-M20W2-030619MS

Tot Ion: 43 Resp: 442922

Ion Ratio Lower Upper

43 100

72 25.2 19.9 29.9



#26

2,2-Dichloropropane

Concen: 43.175 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX008033.D

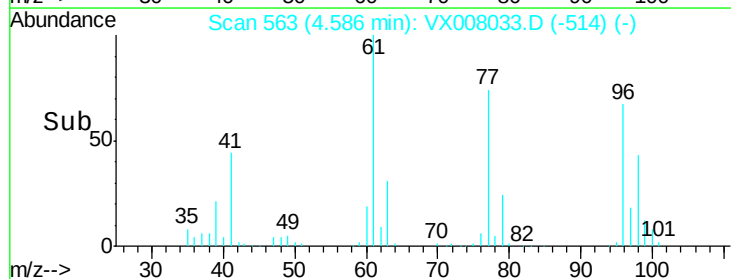
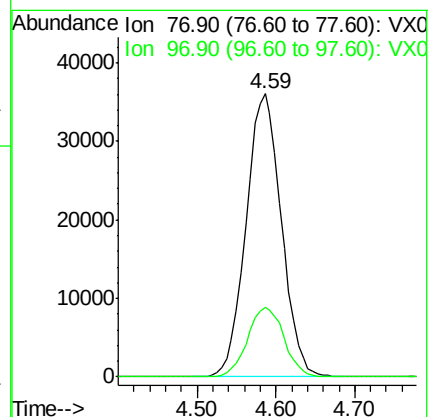
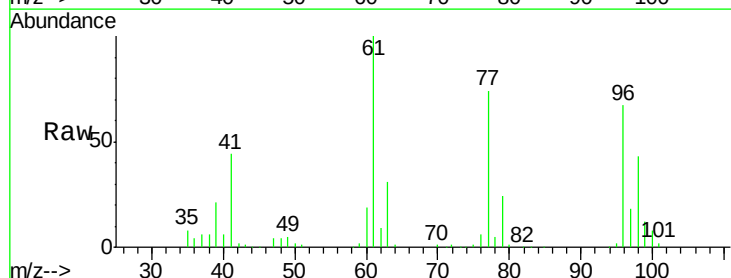
Acq: 12 Mar 2019 22:46

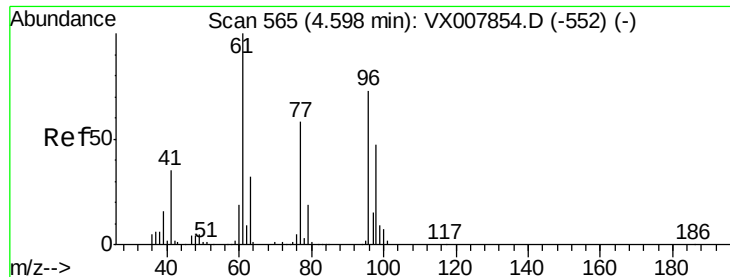
Tgt Ion: 77 Resp: 112171

Ion Ratio Lower Upper

77 100

97 25.2 12.2 36.6



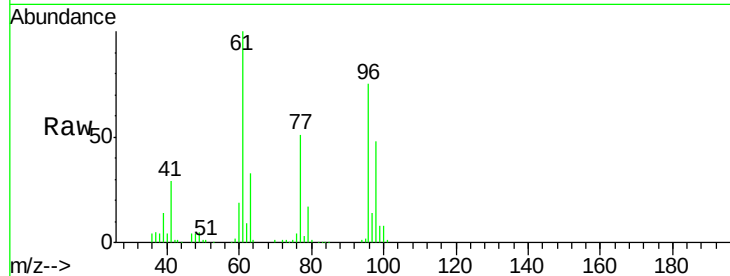


#27

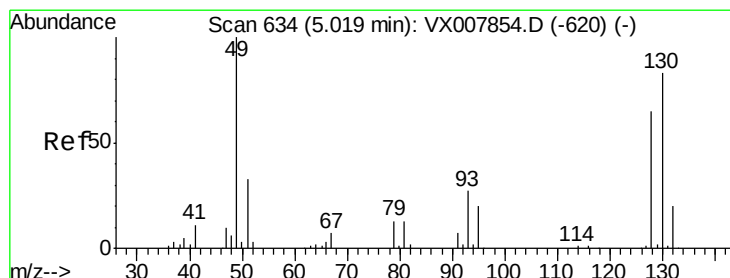
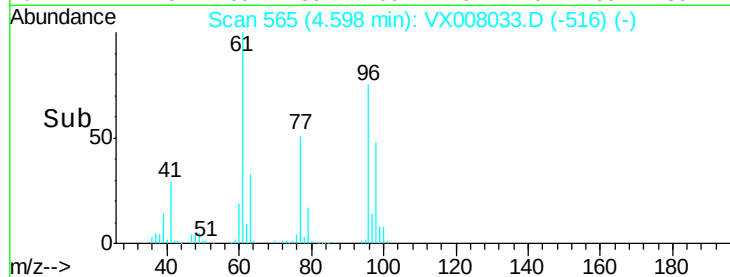
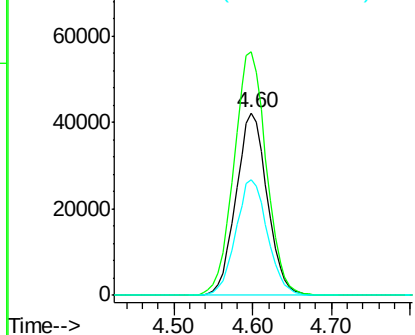
cis-1,2-Dichloroethene
Concen: 49.003 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX008033.D
Acq: 12 Mar 2019 22:46

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

Tot Ion: 96 Resp: 116724
Ion Ratio Lower Upper
96 100
61 138.2 0.0 288.0
98 64.3 0.0 129.0



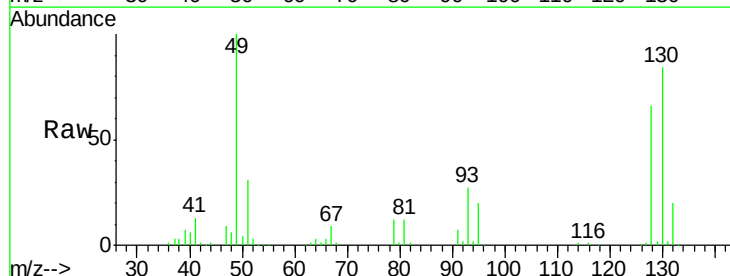
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



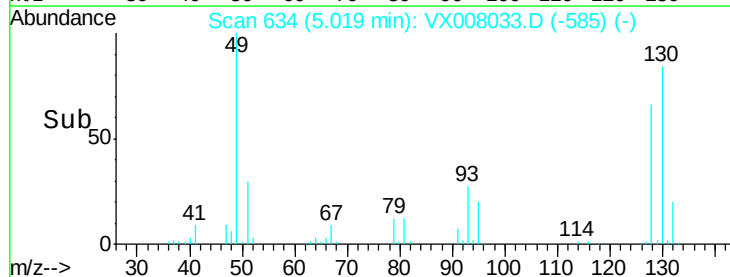
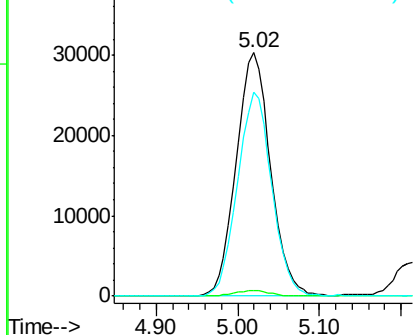
#28

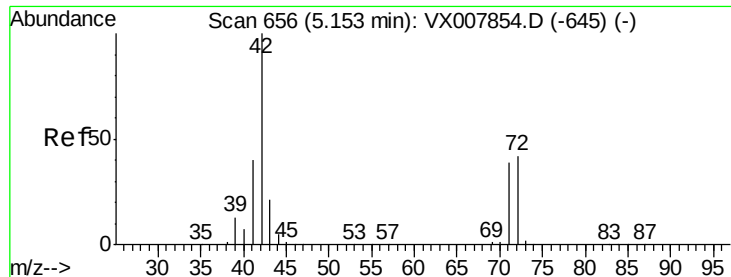
Bromochloromethane
Concen: 48.577 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX008033.D
Acq: 12 Mar 2019 22:46

Tgt Ion: 49 Resp: 88812
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.0
130 83.3 65.0 97.4



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





#29

Tetrahydrofuran

Concen: 245.429 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX008033.D

Acq: 12 Mar 2019 22:46

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

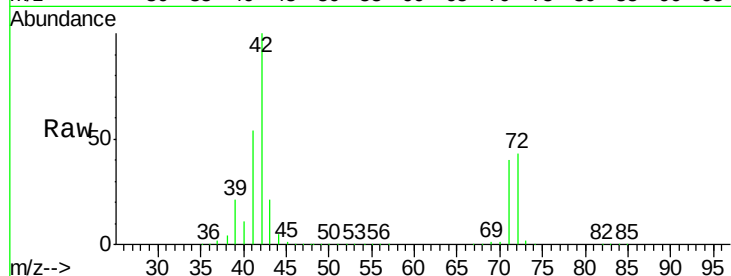
Tot Ion: 42 Resp: 294256

Ion Ratio Lower Upper

42 100

72 43.4 33.8 50.6

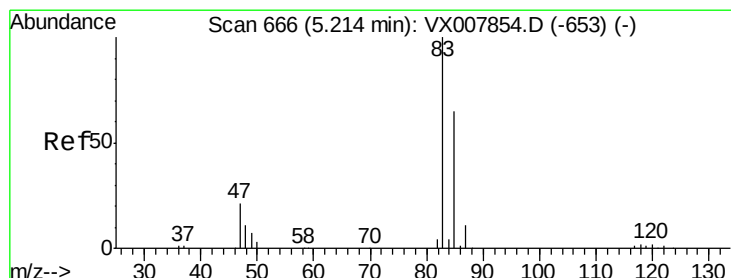
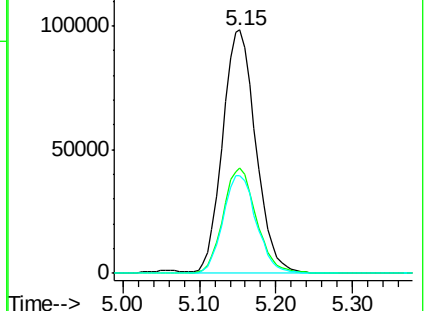
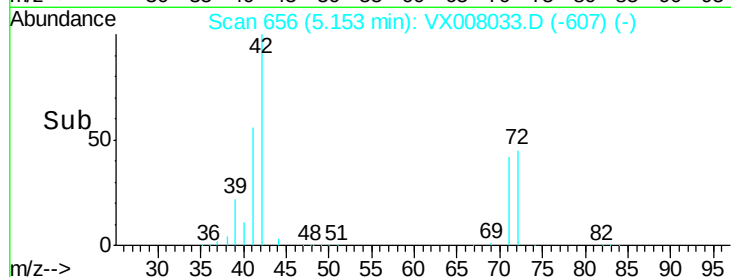
71 40.5 31.5 47.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 50.103 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX008033.D

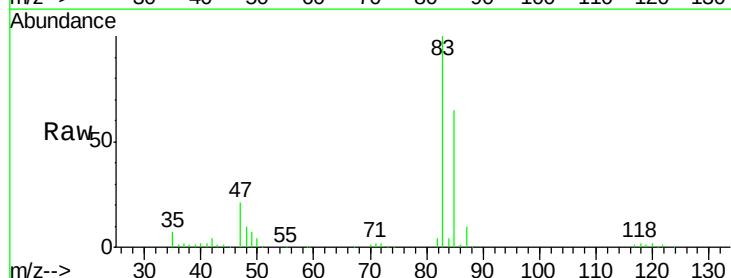
Acq: 12 Mar 2019 22:46

Tgt Ion: 83 Resp: 185861

Ion Ratio Lower Upper

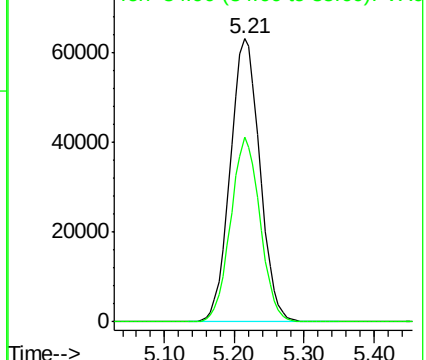
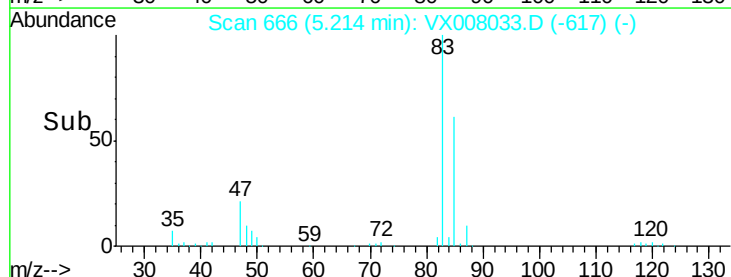
83 100

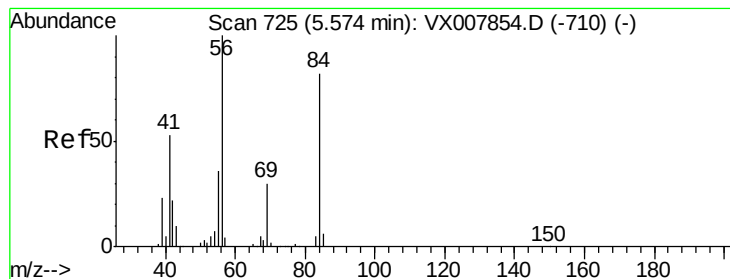
85 65.5 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 47.648 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX008033.D

Acq: 12 Mar 2019 22:46

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

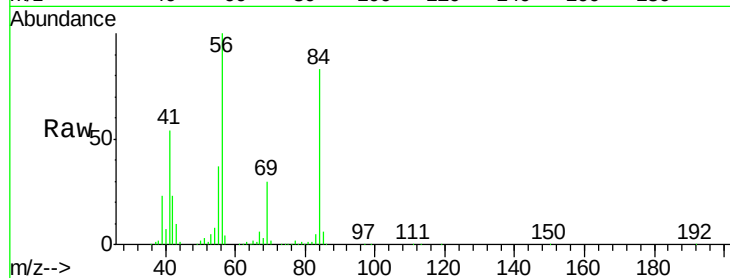
Tot Ion: 56 Resp: 171733

Ion Ratio Lower Upper

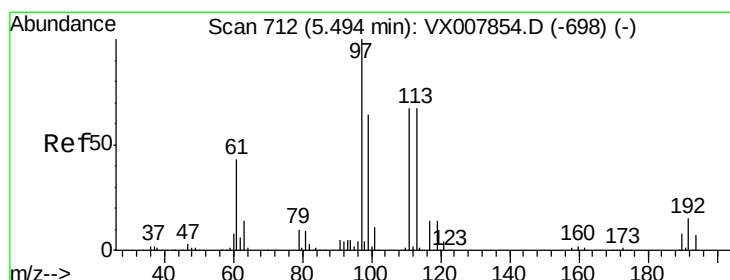
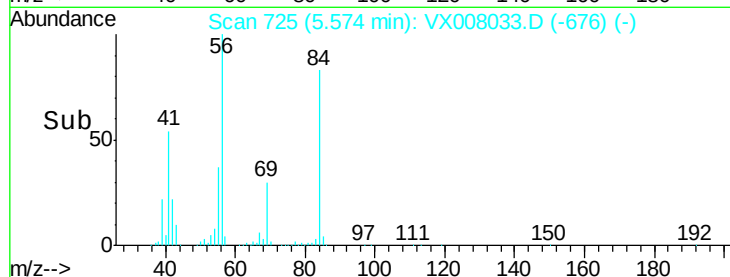
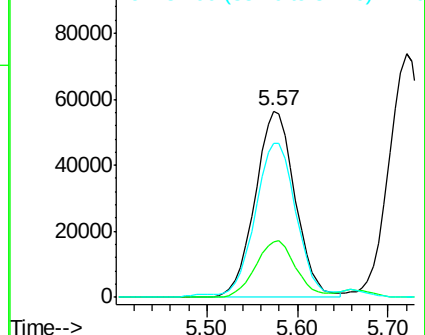
56 100

69 29.8 24.0 36.0

84 81.9 65.3 97.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 51.083 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008033.D

Acq: 12 Mar 2019 22:46

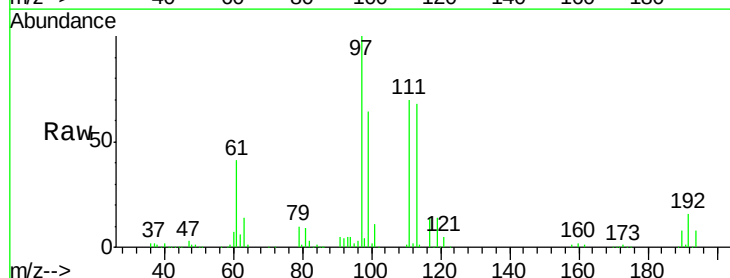
Tgt Ion: 97 Resp: 157226

Ion Ratio Lower Upper

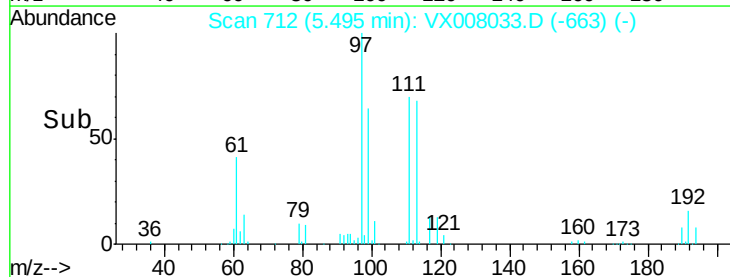
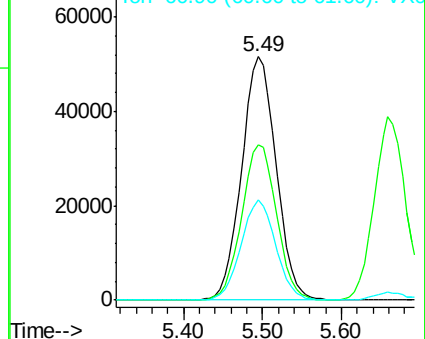
97 100

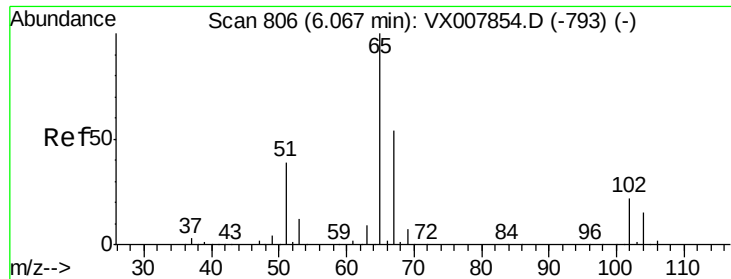
99 64.5 52.2 78.2

61 41.2 34.9 52.3



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





#33

1,2-Dichloroethane-d4

Concen: 51.126 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008033.D

Acq: 12 Mar 2019 22:46

Instrument :

MSVOA_X

ClientSampleId :

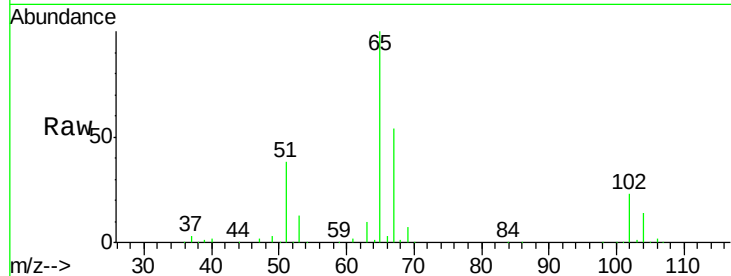
CPA-CPMW05D-M20W2-030619MS

Tot Ion: 65 Resp: 119922

Ion Ratio Lower Upper

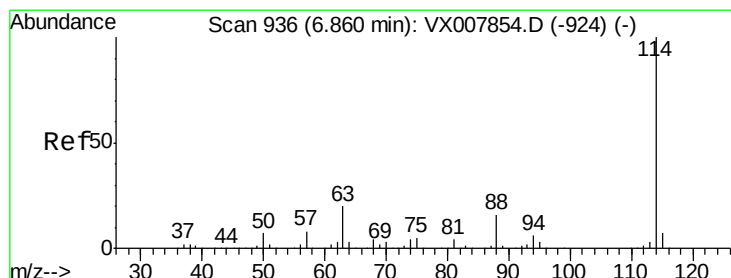
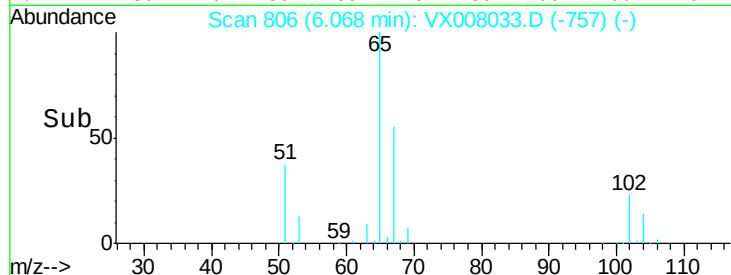
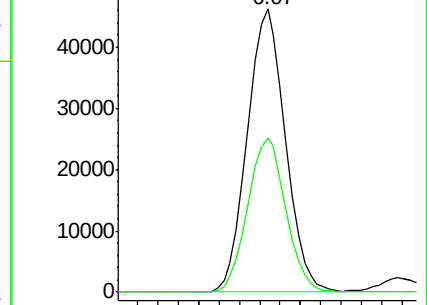
65 100

67 54.6 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008033.D

Acq: 12 Mar 2019 22:46

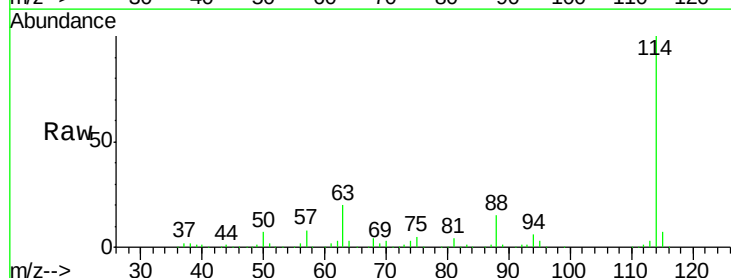
Tgt Ion: 114 Resp: 324795

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.8

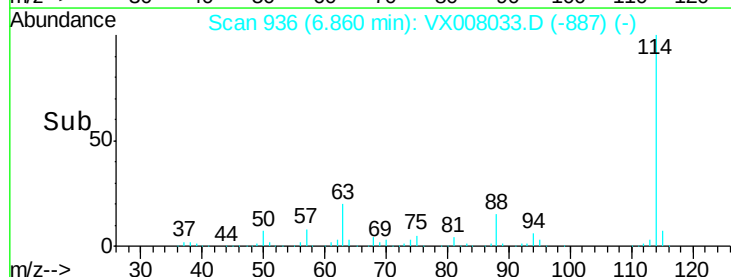
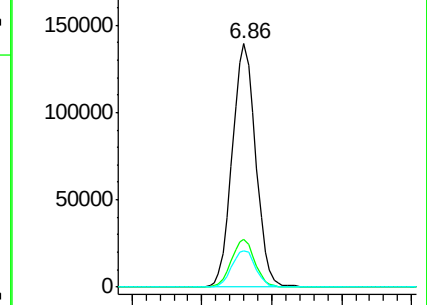
88 14.9 0.0 31.4

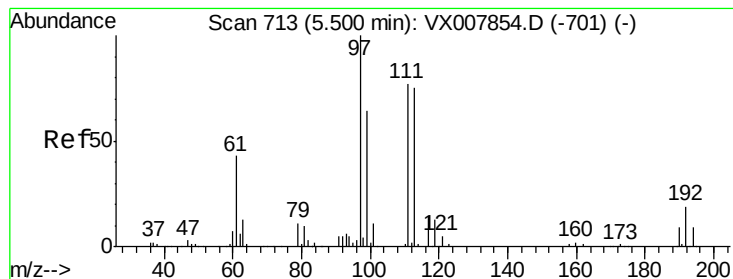


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.610 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008033.D

Acq: 12 Mar 2019 22:46

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

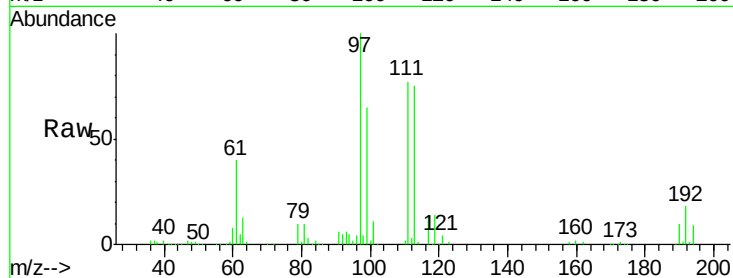
Tot Ion:113 Resp: 107225

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

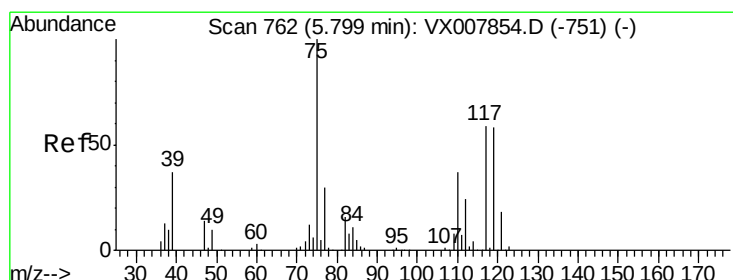
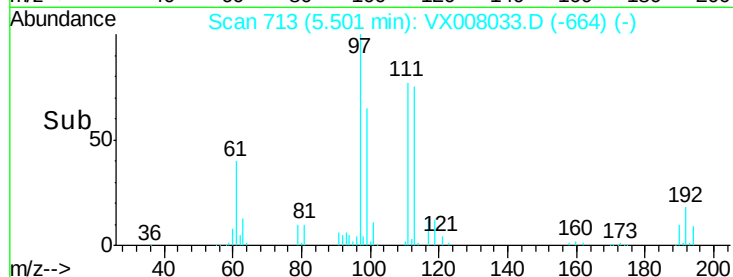
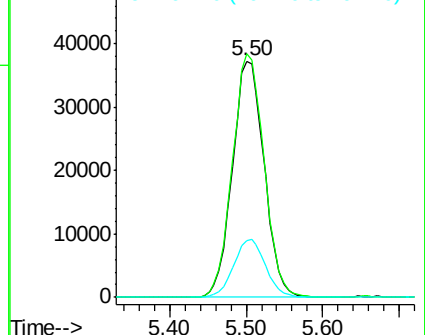
192 24.6 19.4 29.0



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: 47.321 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX008033.D

Acq: 12 Mar 2019 22:46

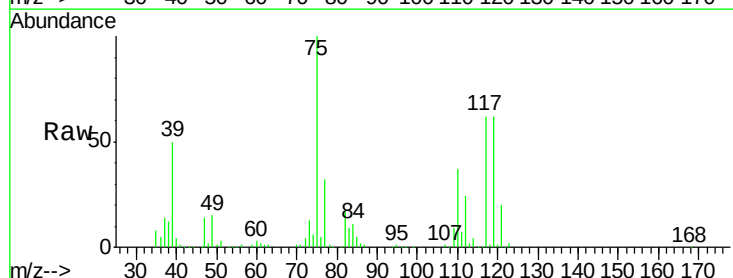
Tgt Ion: 75 Resp: 139168

Ion Ratio Lower Upper

75 100

110 36.9 18.4 55.0

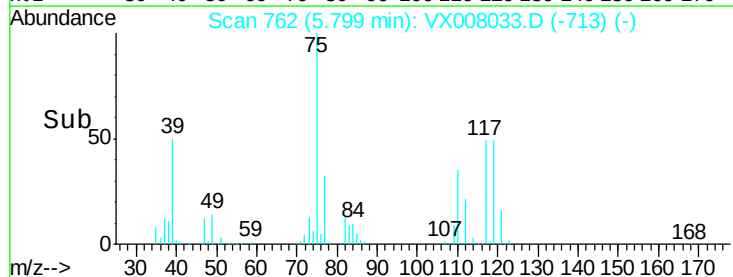
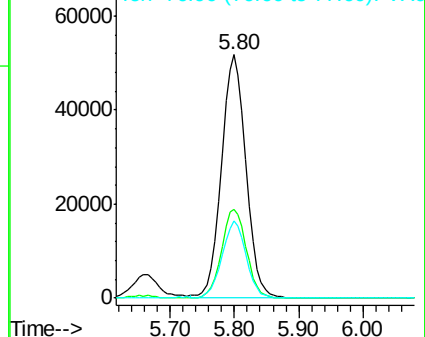
77 31.3 25.0 37.4

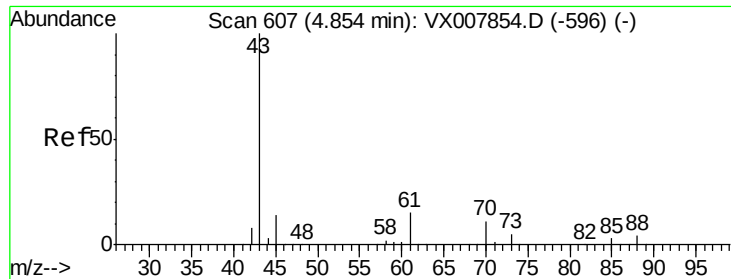


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

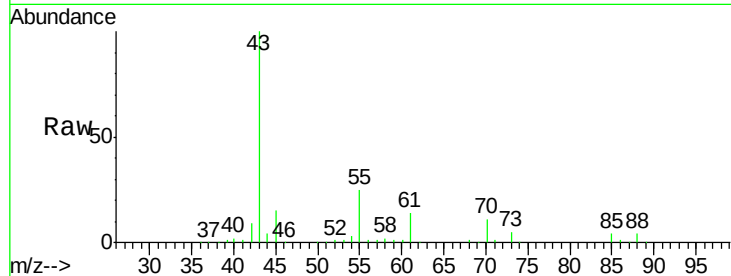




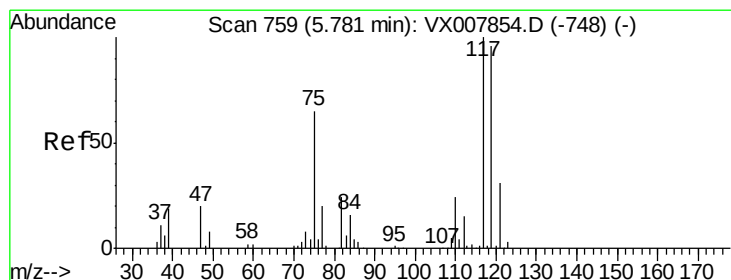
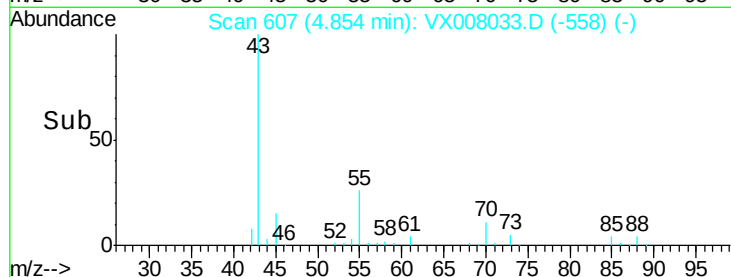
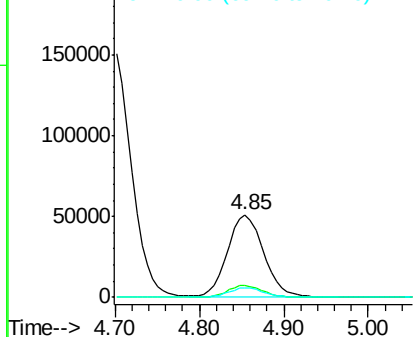
#37
Ethyl Acetate
Concen: 42.485 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX008033.D
Acq: 12 Mar 2019 22:46

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

Tot Ion: 43 Resp: 148273
Ion Ratio Lower Upper
43 100
61 14.3 11.3 16.9
70 10.9 8.5 12.7

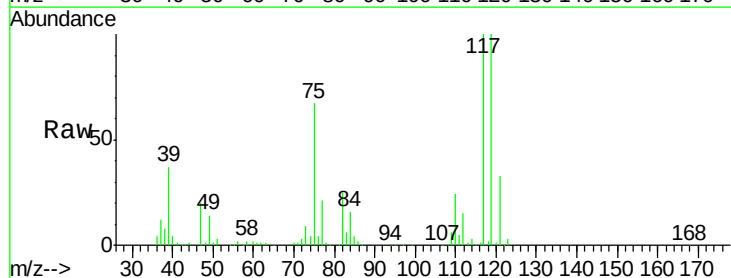


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

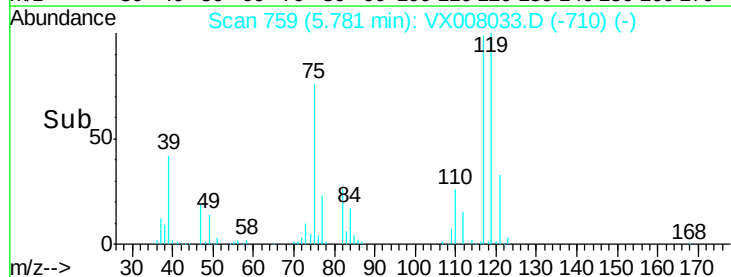
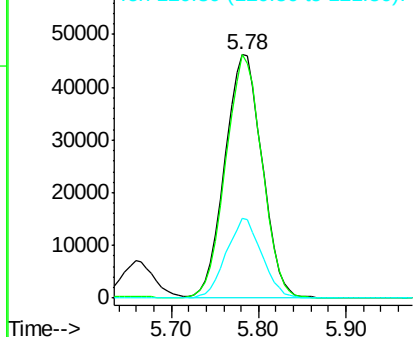


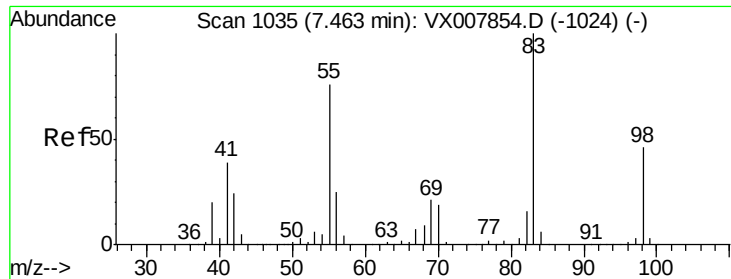
#38
Carbon Tetrachloride
Concen: 49.066 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX008033.D
Acq: 12 Mar 2019 22:46

Tgt Ion: 117 Resp: 136995
Ion Ratio Lower Upper
117 100
119 100.2 76.2 114.2
121 32.6 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

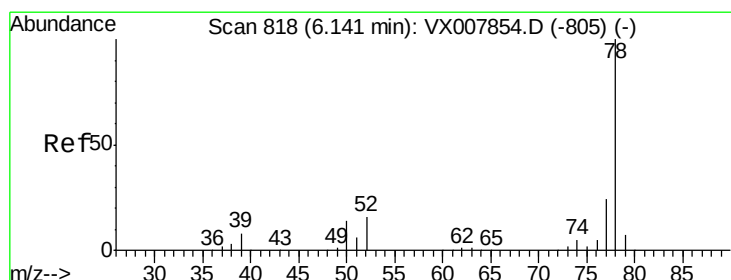
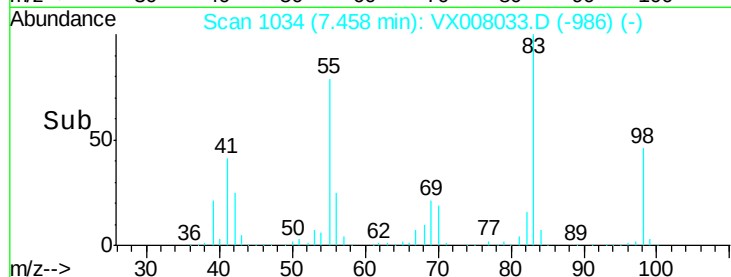
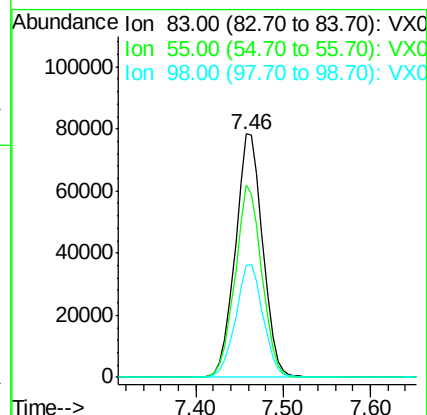
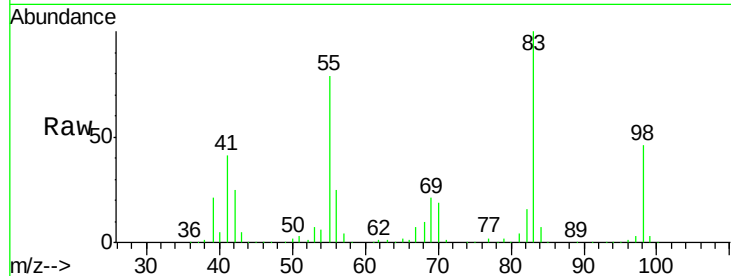




#39
Methylvlcyclohexane
Concen: 47.907 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008033.D
Acq: 12 Mar 2019 22:46

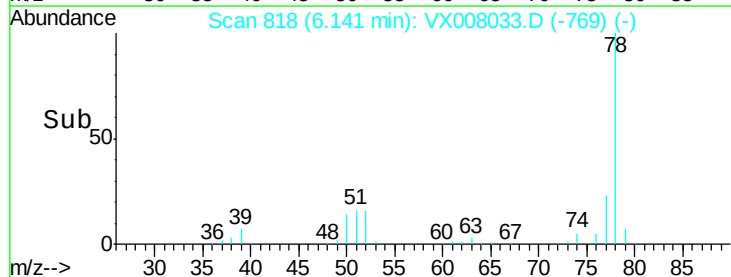
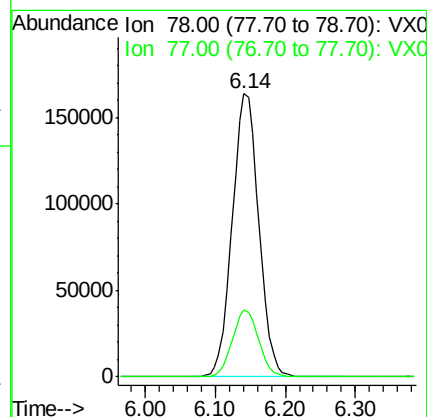
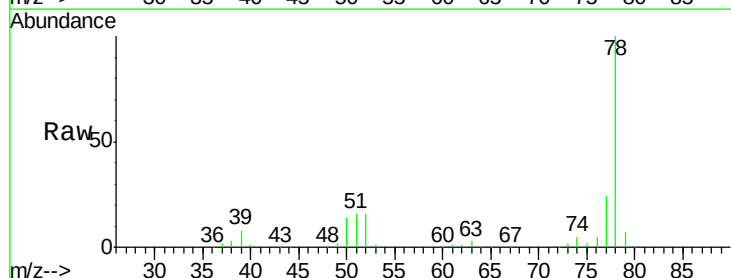
Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05D-M20W2-030619MS

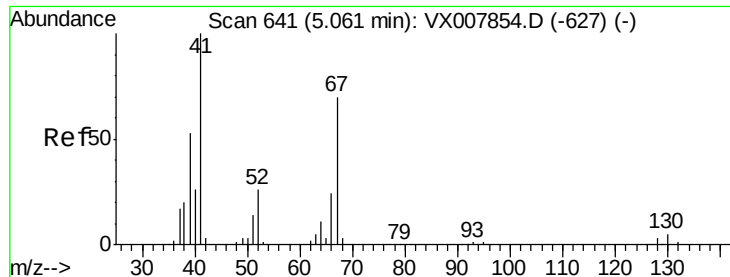
Tot Ion: 83 Resp: 170722
Ion Ratio Lower Upper
83 100
55 78.8 60.4 90.6
98 45.7 36.5 54.7



#40
Benzene
Concen: 49.318 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008033.D
Acq: 12 Mar 2019 22:46

Tgt Ion: 78 Resp: 431800
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4





#41

Methacrylonitrile

Concen: 49.648 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX008033.D

Acq: 12 Mar 2019 22:46

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

Tot Ion: 41 Resp: 94468

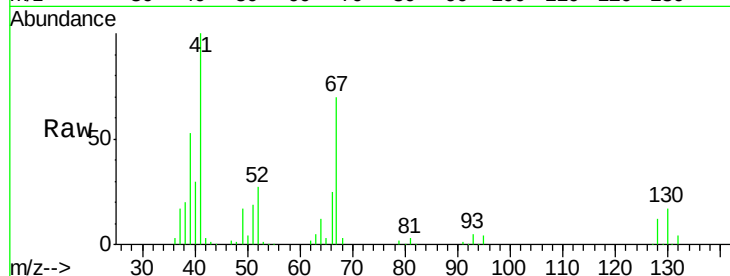
Ion Ratio Lower Upper

41 100

39 51.9 41.6 62.4

67 70.3 55.8 83.6

52 27.6 21.7 32.5

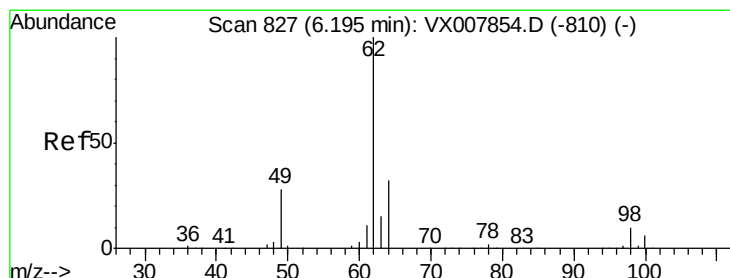
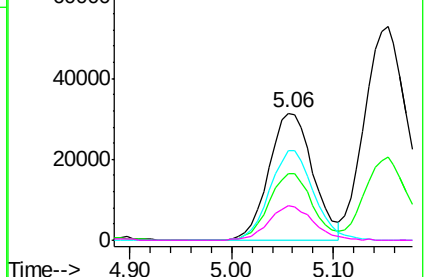
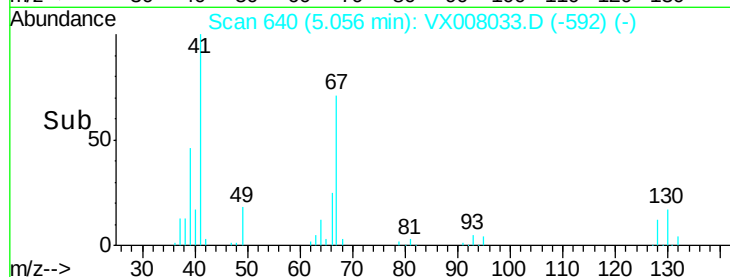


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 49.083 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX008033.D

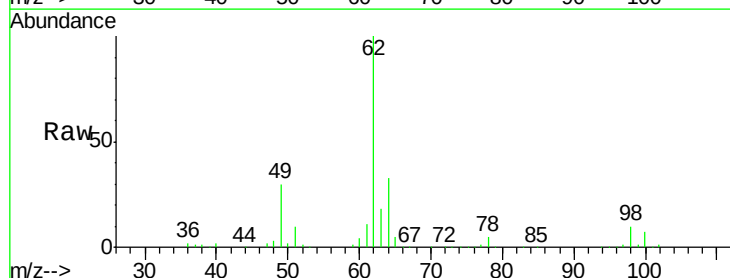
Acq: 12 Mar 2019 22:46

Tgt Ion: 62 Resp: 140538

Ion Ratio Lower Upper

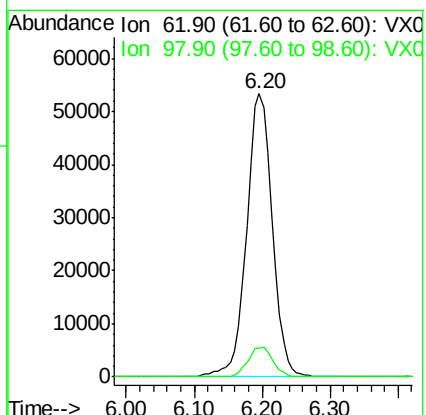
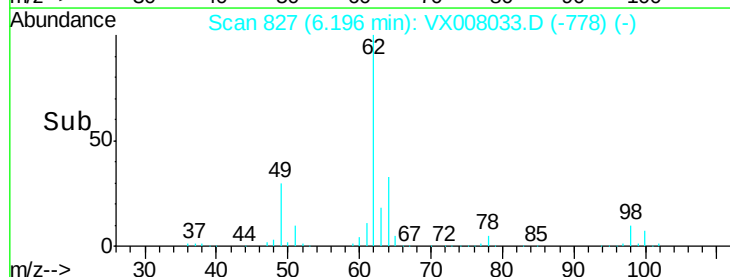
62 100

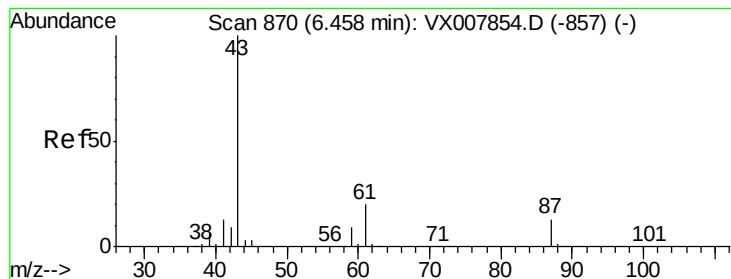
98 10.3 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 46.145 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX008033.D

Acq: 12 Mar 2019 22:46

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

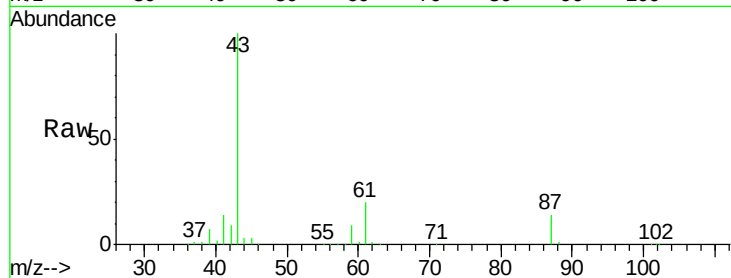
Tot Ion: 43 Resp: 238344

Ion Ratio Lower Upper

43 100

61 20.9 16.3 24.5

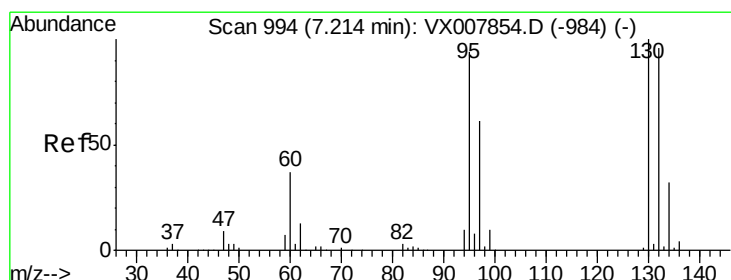
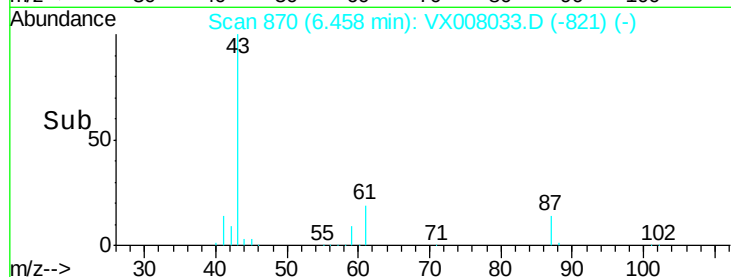
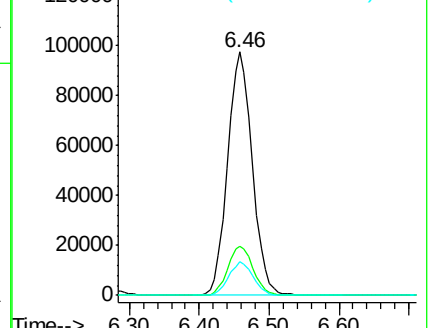
87 13.6 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 49.325 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008033.D

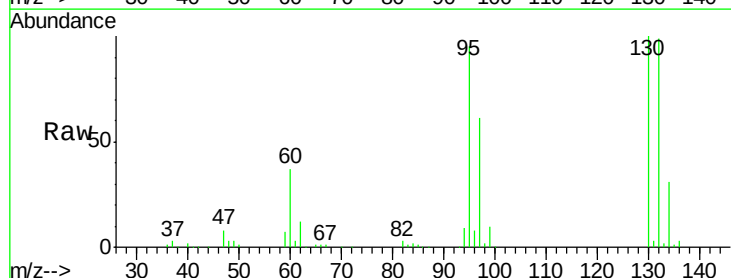
Acq: 12 Mar 2019 22:46

Tgt Ion:130 Resp: 119012

Ion Ratio Lower Upper

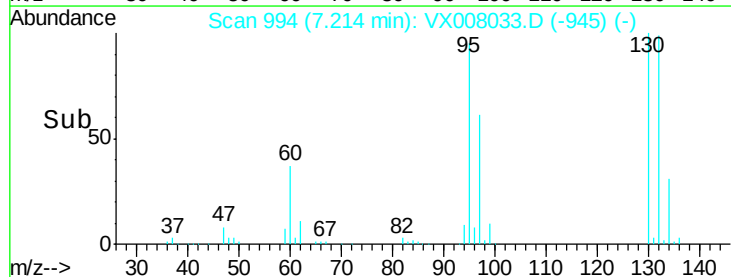
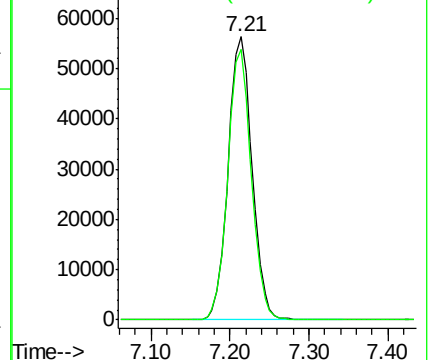
130 100

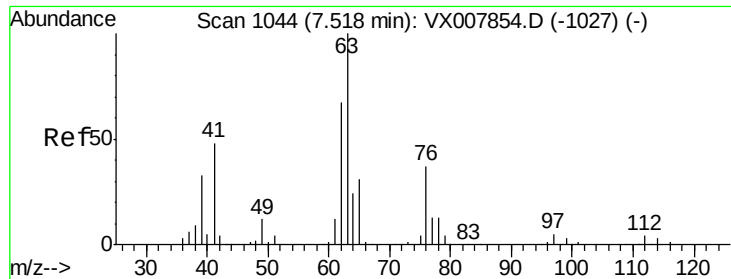
95 95.4 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

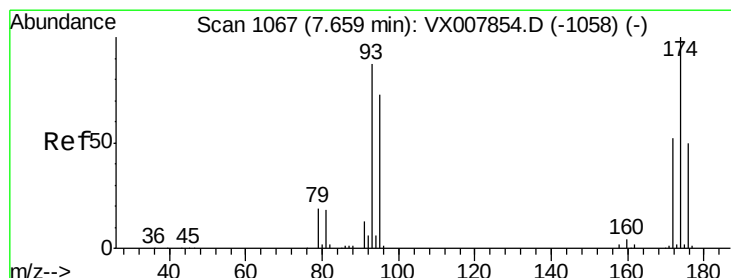
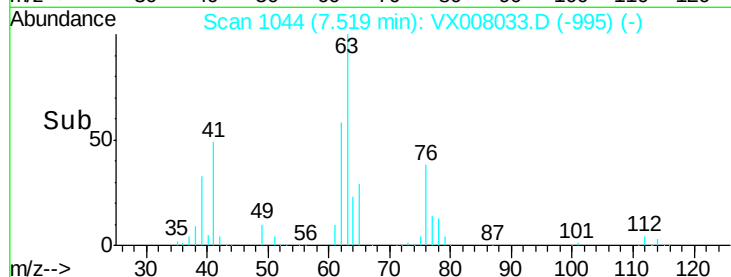
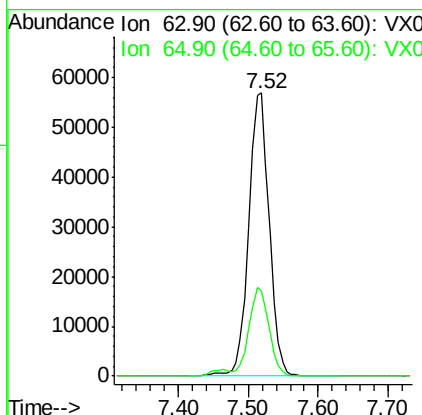
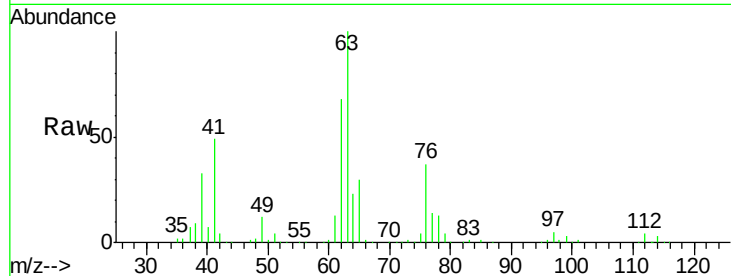




#45
 1,2-Dichloropropane
 Concen: 49.923 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX008033.D
 Acq: 12 Mar 2019 22:46

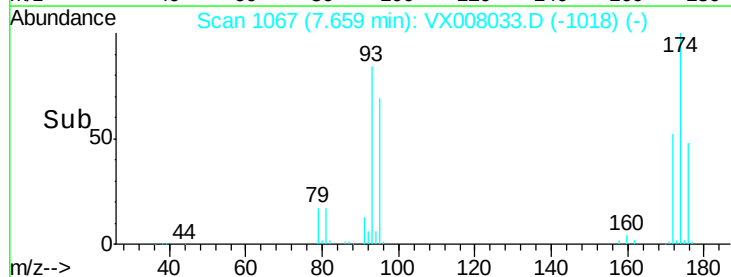
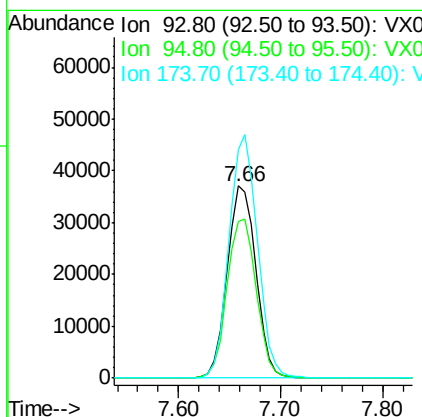
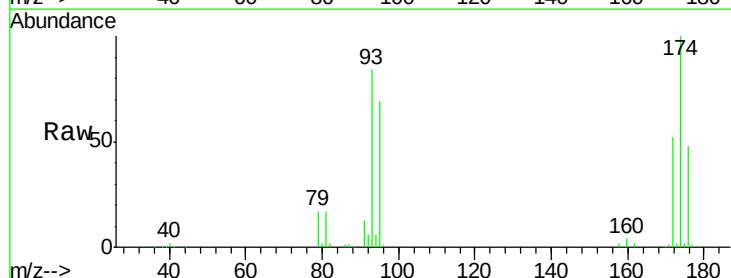
Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05D-M20W2-030619MS

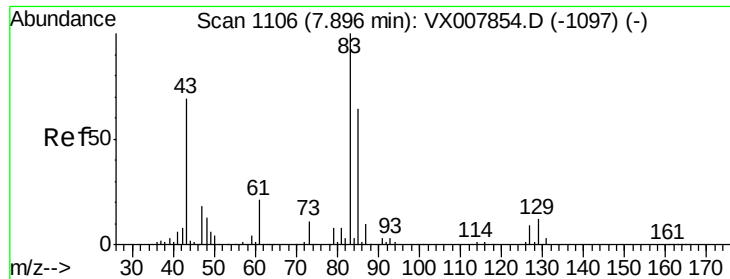
Tot Ion: 63 Resp: 115444
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.7 37.1



#46
 Dibromomethane
 Concen: 49.453 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX008033.D
 Acq: 12 Mar 2019 22:46

Tgt Ion: 93 Resp: 72372
 Ion Ratio Lower Upper
 93 100
 95 84.5 66.8 100.2
 174 125.1 97.3 145.9





#47

Bromodichloromethane

Concen: 49.510 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008033.D

Acq: 12 Mar 2019 22:46

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

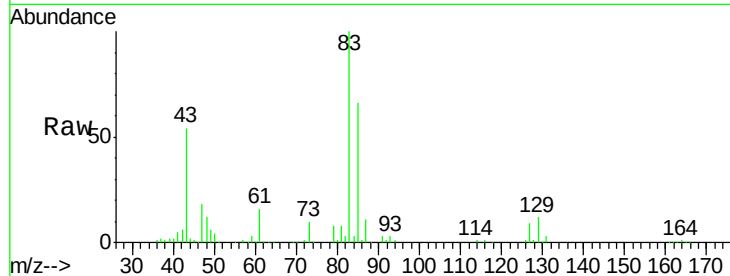
Tot Ion: 83 Resp: 137371

Ion Ratio Lower Upper

83 100

85 65.9 50.9 76.3

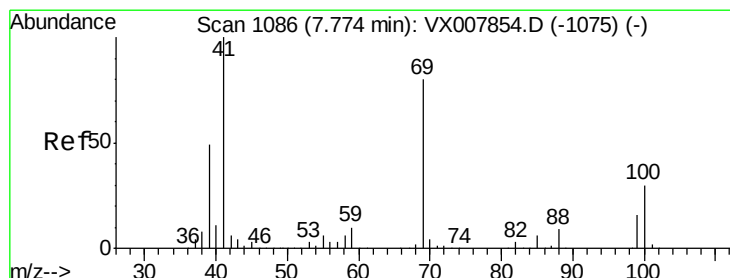
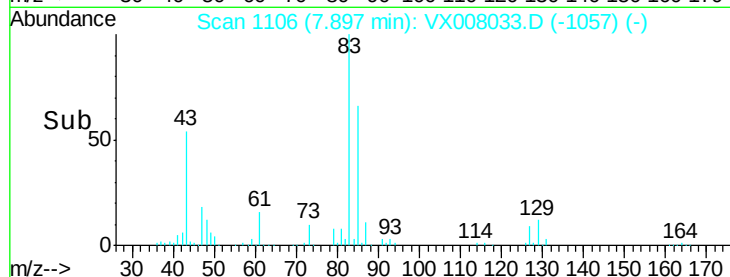
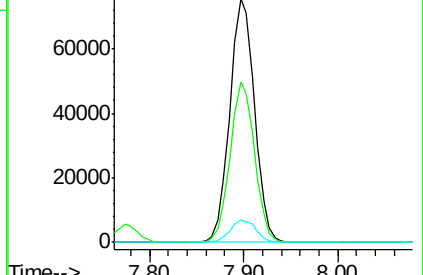
127 9.3 7.4 11.0



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: 49.664 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX008033.D

Acq: 12 Mar 2019 22:46

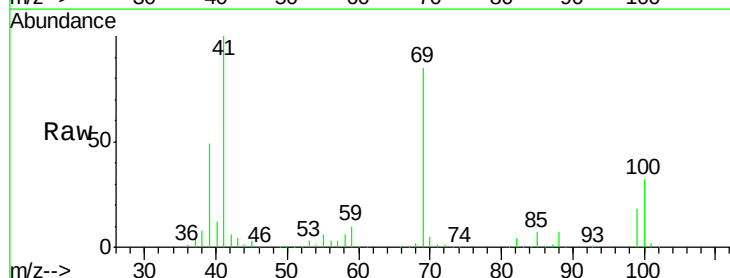
Tgt Ion: 41 Resp: 134867

Ion Ratio Lower Upper

41 100

69 84.7 65.2 97.8

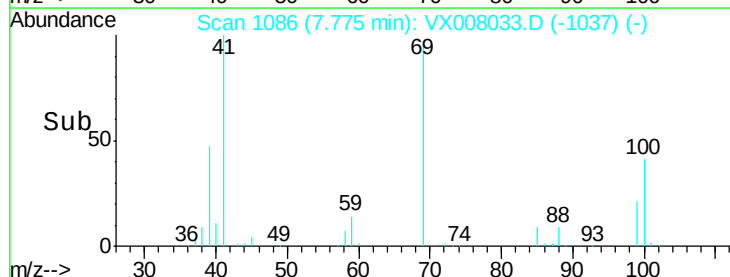
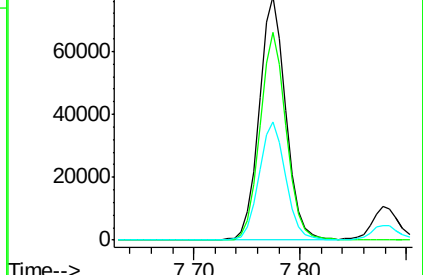
39 48.8 39.4 59.2

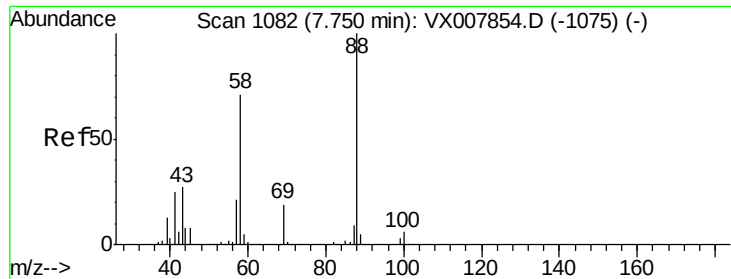


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1040.830 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX008033.D

Acq: 12 Mar 2019 22:46

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

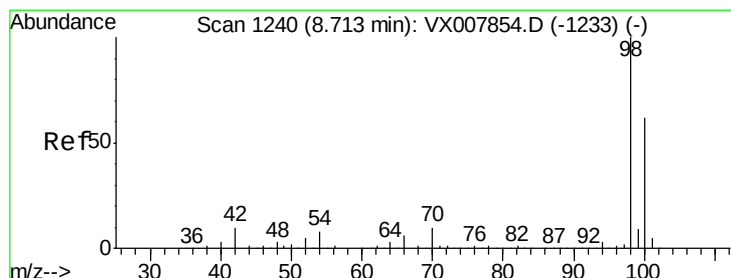
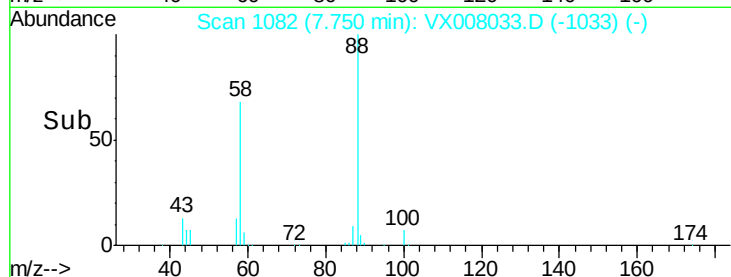
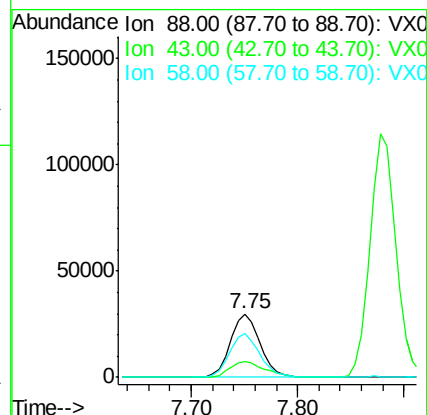
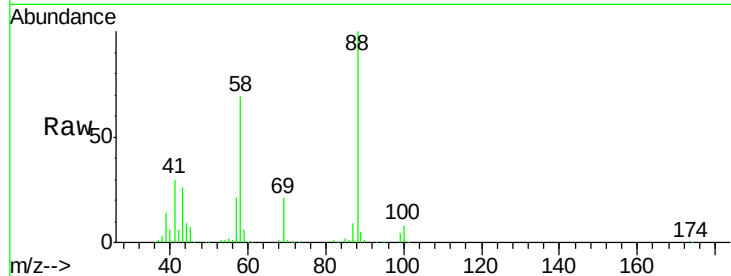
Tot Ion: 88 Resp: 58062

Ion Ratio Lower Upper

88 100

43 30.4 25.1 37.7

58 71.0 57.8 86.6



#50

Toluene-d8

Concen: 52.884 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008033.D

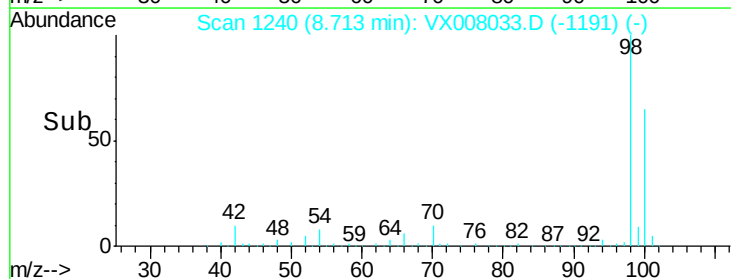
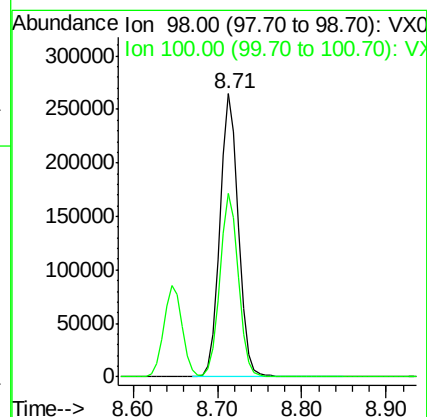
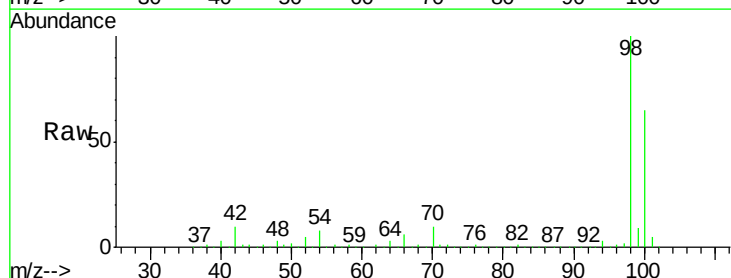
Acq: 12 Mar 2019 22:46

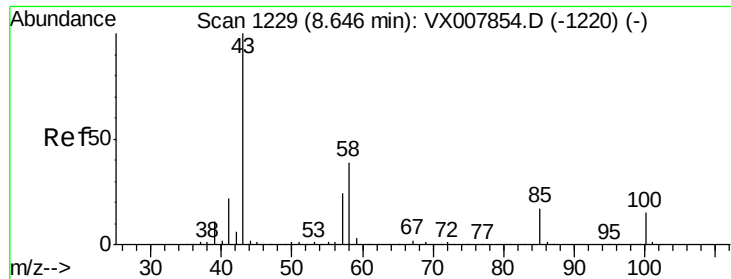
Tgt Ion: 98 Resp: 403511

Ion Ratio Lower Upper

98 100

100 65.2 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 252.595 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX008033.D

Acq: 12 Mar 2019 22:46

Instrument :

MSVOA_X

ClientSampleId :

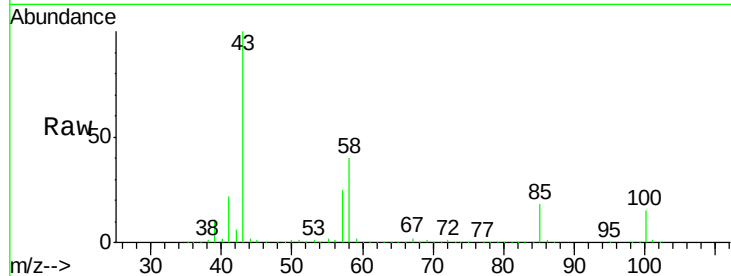
CPA-CPMW05D-M20W2-030619MS

Tot Ion: 43 Resp: 839042

Ion Ratio Lower Upper

43 100

58 39.5 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX007854.D (-1220) (-)

Ion 58.00 (57.70 to 58.70): VX007854.D (-1220) (-)

8.65

600000

500000

400000

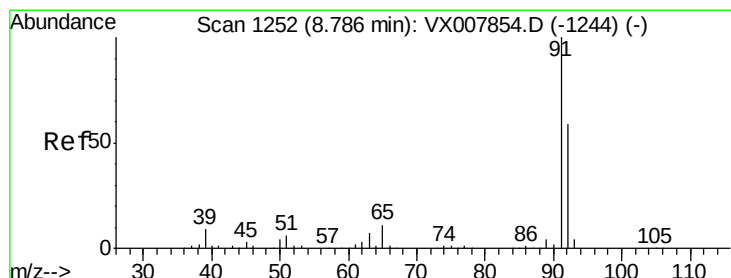
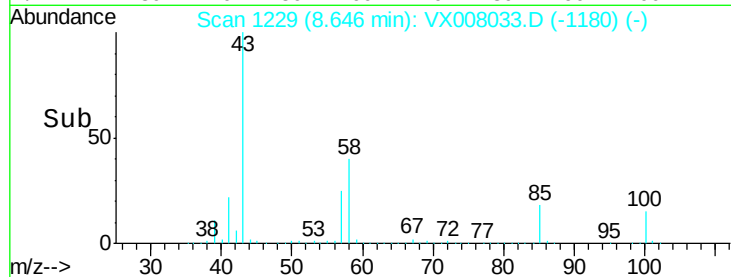
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.936 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008033.D

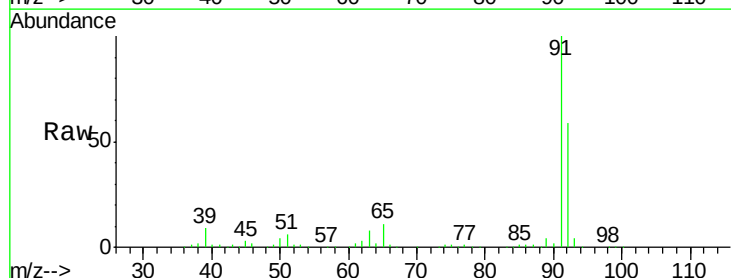
Acq: 12 Mar 2019 22:46

Tgt Ion: 92 Resp: 272273

Ion Ratio Lower Upper

92 100

91 171.6 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX007854.D (-1244) (-)

Ion 91.00 (90.70 to 91.70): VX007854.D (-1244) (-)

8.78

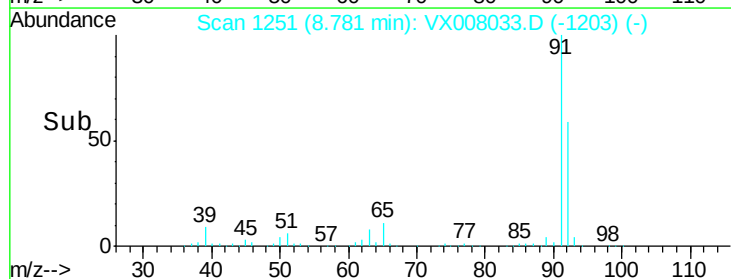
300000

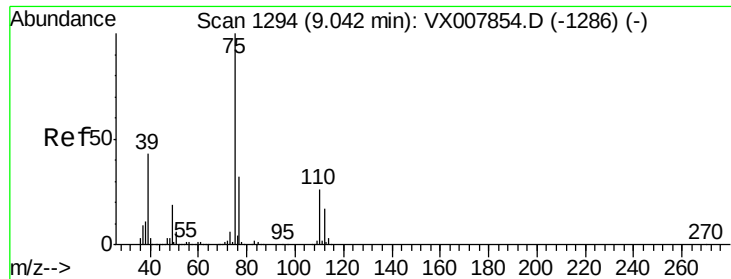
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 51.571 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX008033.D

Acq: 12 Mar 2019 22:46

Instrument :

MSVOA_X

ClientSampleId :

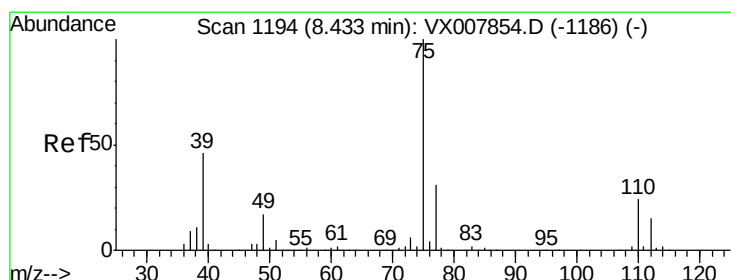
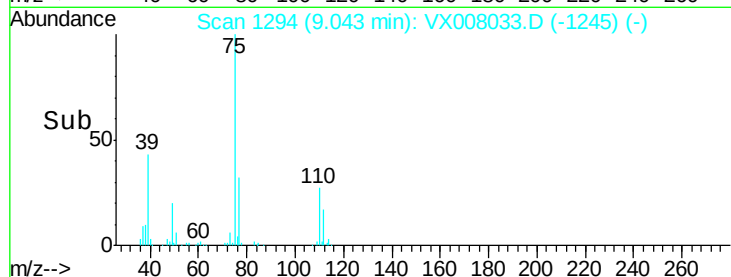
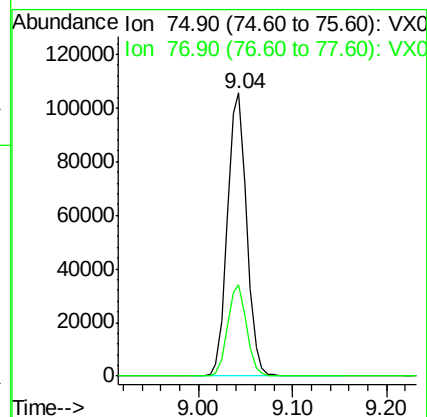
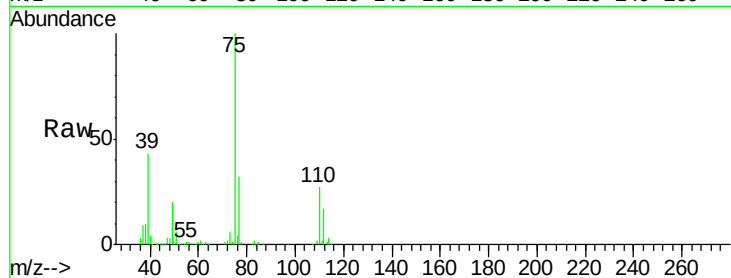
CPA-CPMW05D-M20W2-030619MS

Tot Ion: 75 Resp: 149350

Ion Ratio Lower Upper

75 100

77 32.5 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 50.236 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX008033.D

Acq: 12 Mar 2019 22:46

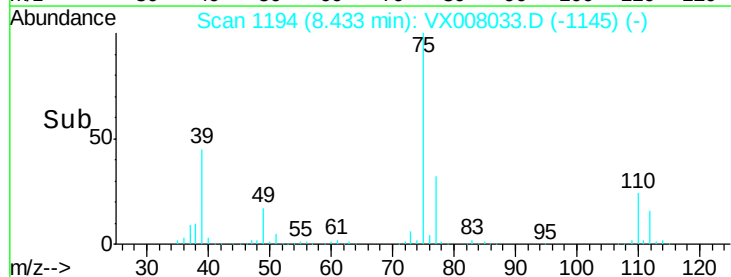
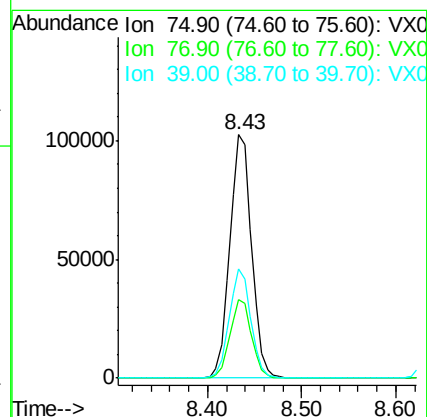
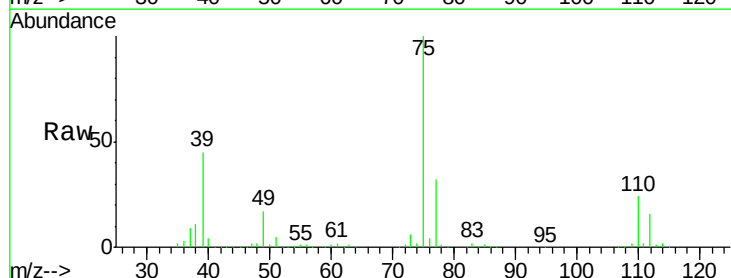
Tgt Ion: 75 Resp: 164285

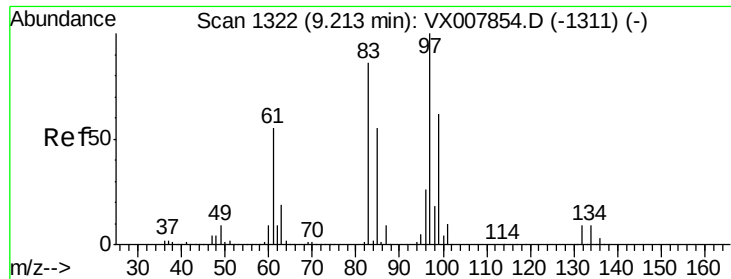
Ion Ratio Lower Upper

75 100

77 32.4 25.0 37.6

39 44.9 36.6 54.8

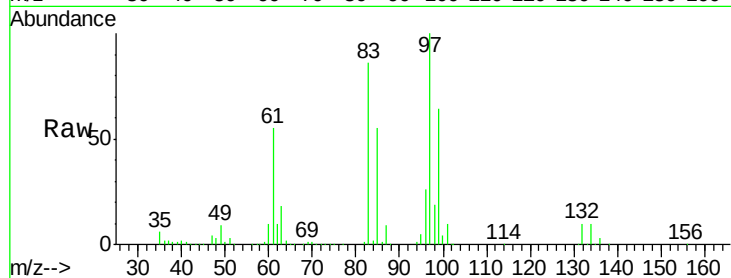




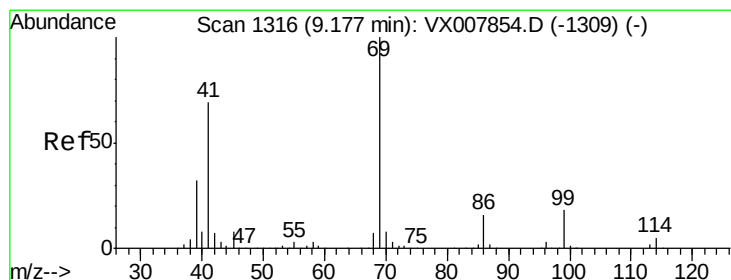
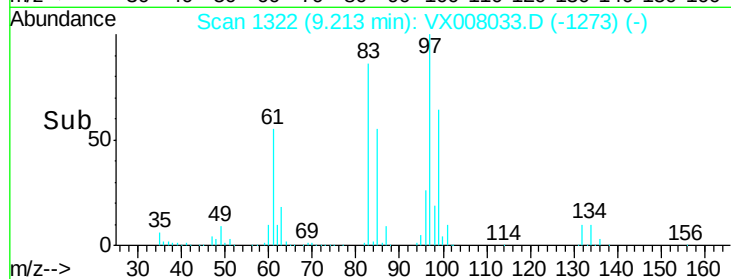
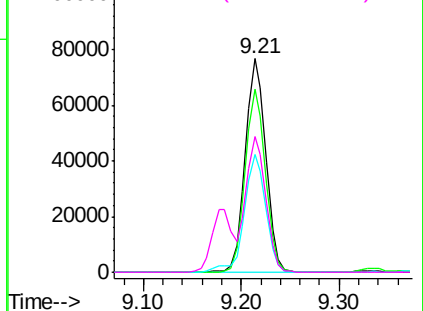
#55
 1,1,2-Trichloroethane
 Concen: 51.702 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008033.D
 Acq: 12 Mar 2019 22:46

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

Tot Ion: 97 Resp: 111876
 Ion Ratio Lower Upper
 97 100
 83 85.9 69.1 103.7
 85 55.1 44.3 66.5
 99 63.8 49.8 74.8

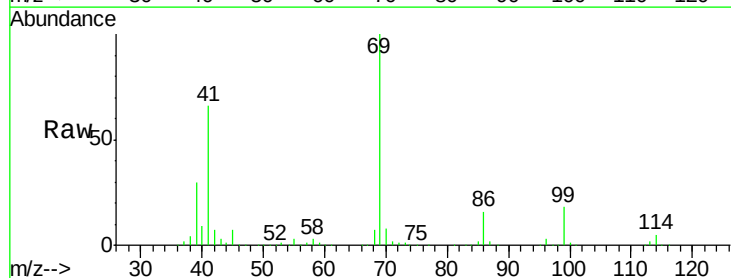


Abundance Ion 96.90 (96.60 to 97.60): VX0
 120000 Ion 82.90 (82.60 to 83.60): VX0
 100000 Ion 84.90 (84.60 to 85.60): VX0
 80000 Ion 98.90 (98.60 to 99.60): VX0

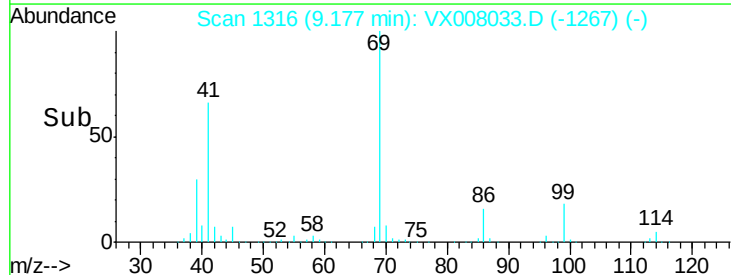
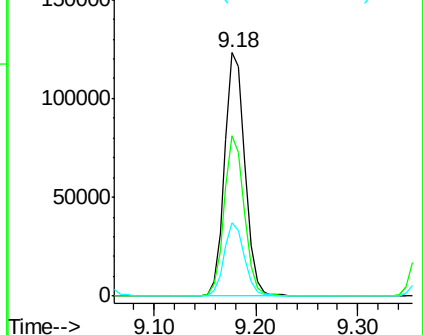


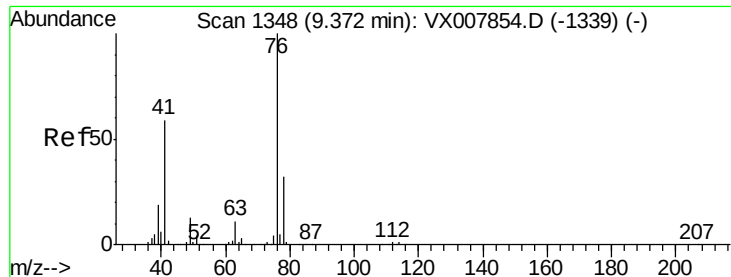
#56
 Ethyl methacrylate
 Concen: 52.433 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008033.D
 Acq: 12 Mar 2019 22:46

Tgt Ion: 69 Resp: 170350
 Ion Ratio Lower Upper
 69 100
 41 65.2 54.2 81.4
 39 30.1 25.0 37.4



Abundance Ion 69.00 (68.70 to 69.70): VX0
 150000 Ion 41.00 (40.70 to 41.70): VX0
 100000 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.961 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008033.D

Acq: 12 Mar 2019 22:46

Instrument :

MSVOA_X

ClientSampleId :

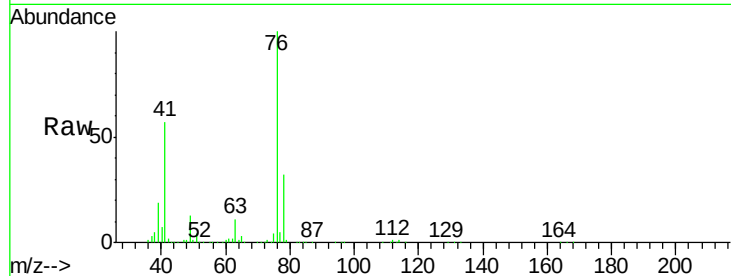
CPA-CPMW05D-M20W2-030619MS

Tot Ion: 76 Resp: 185156

Ion Ratio Lower Upper

76 100

78 31.9 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

150000

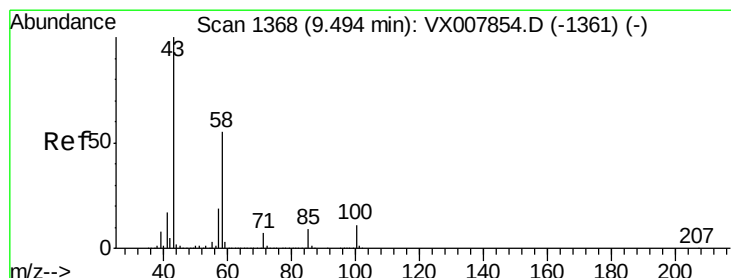
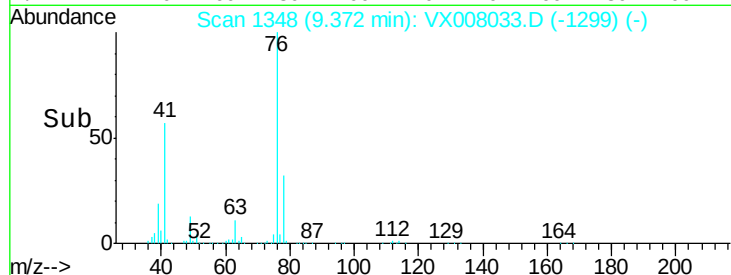
100000

50000

0

9.30 9.35 9.40 9.45

Time-->



#59

2-Hexanone

Concen: 242.664 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VX008033.D

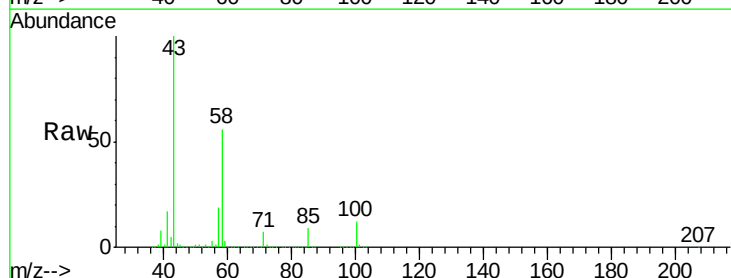
Acq: 12 Mar 2019 22:46

Tgt Ion: 43 Resp: 625805

Ion Ratio Lower Upper

43 100

58 55.8 27.6 82.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

500000

400000

300000

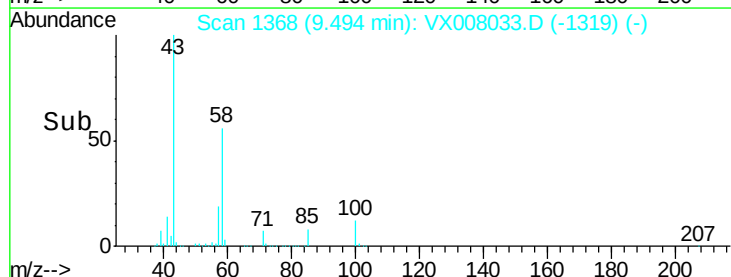
200000

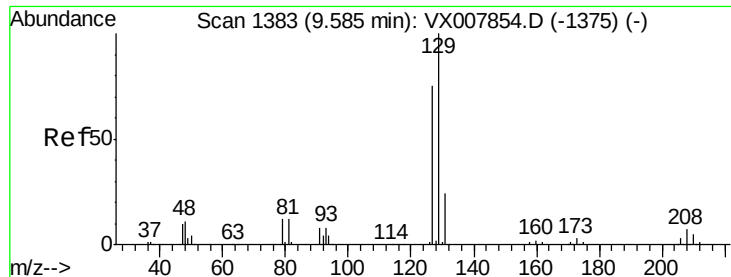
100000

0

9.40 9.50 9.60

Time-->





#60

Dibromochloromethane

Concen: 51.484 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.01 min

Lab File: VX008033.D

Acq: 12 Mar 2019 22:46

Instrument :

MSVOA_X

ClientSampleId :

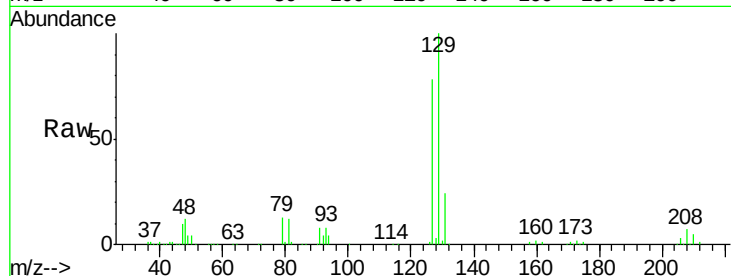
CPA-CPMW05D-M20W2-030619MS

Tot Ion:129 Resp: 116444

Ion Ratio Lower Upper

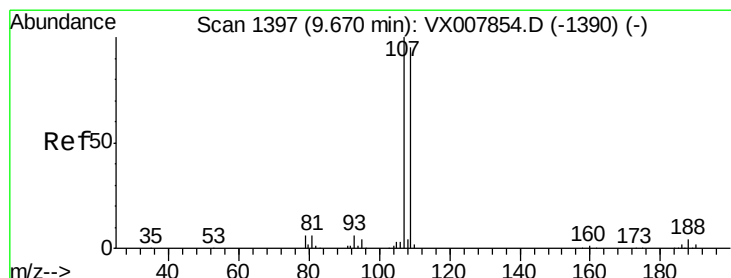
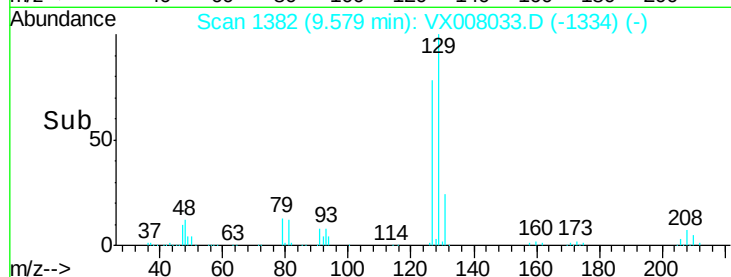
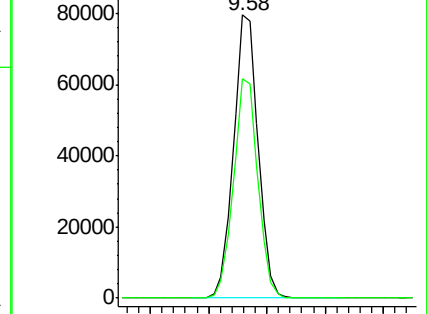
129 100

127 76.9 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: 51.192 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008033.D

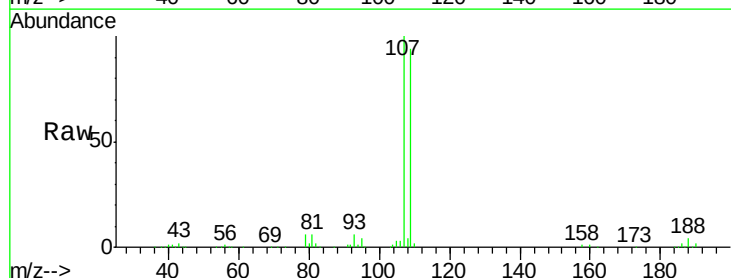
Acq: 12 Mar 2019 22:46

Tgt Ion:107 Resp: 117608

Ion Ratio Lower Upper

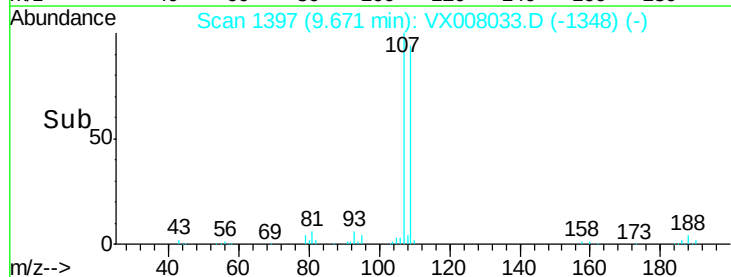
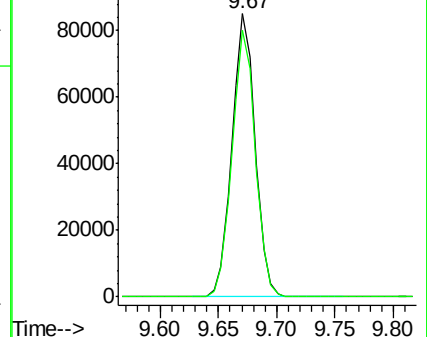
107 100

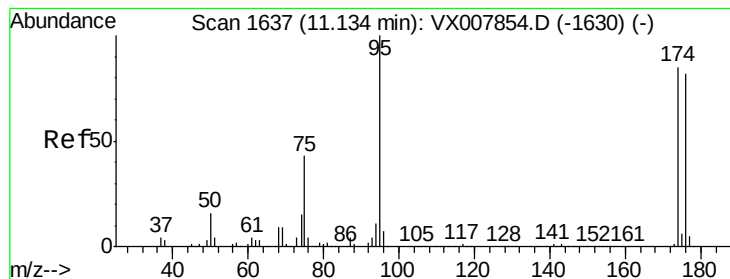
109 94.7 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 53.010 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008033.D

Acq: 12 Mar 2019 22:46

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

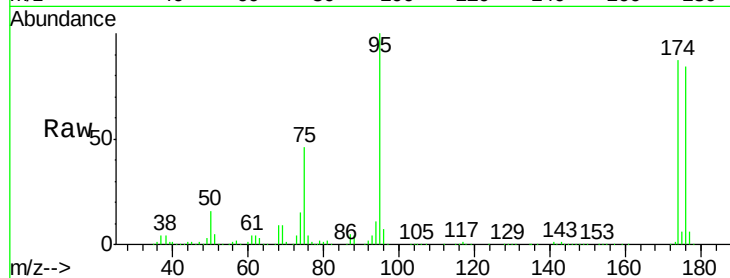
Tot Ion: 95 Resp: 141809

Ion Ratio Lower Upper

95 100

174 93.2 0.0 182.8

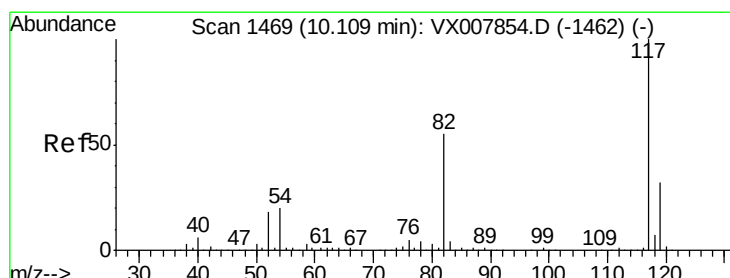
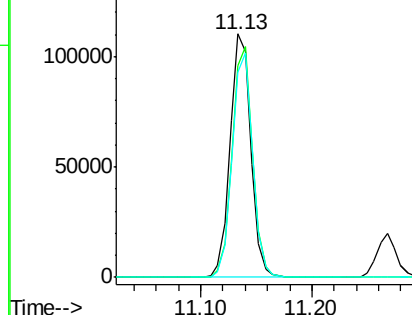
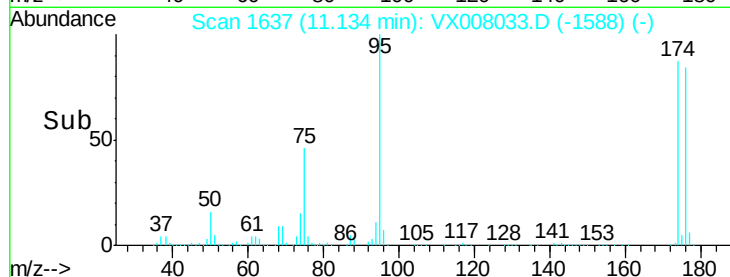
176 90.9 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX008033.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX008033.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX008033.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX008033.D

Acq: 12 Mar 2019 22:46

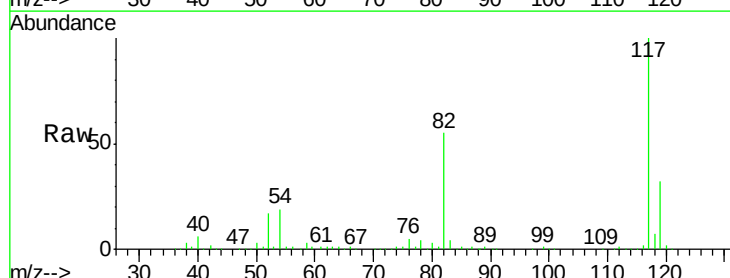
Tgt Ion: 117 Resp: 290348

Ion Ratio Lower Upper

117 100

82 55.1 44.3 66.5

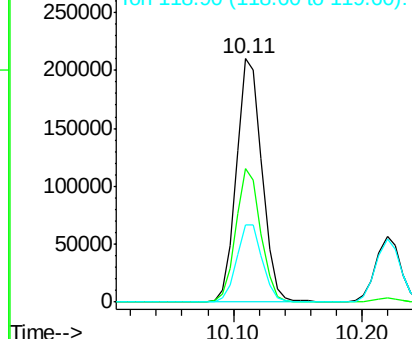
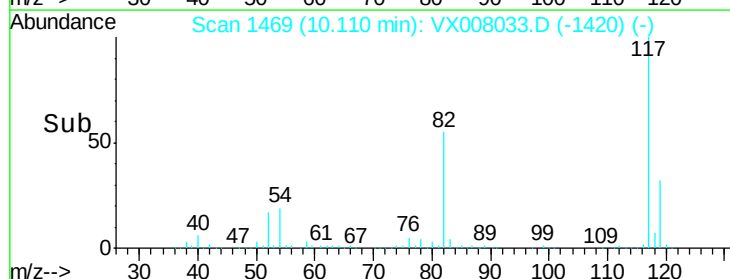
119 31.9 25.3 37.9

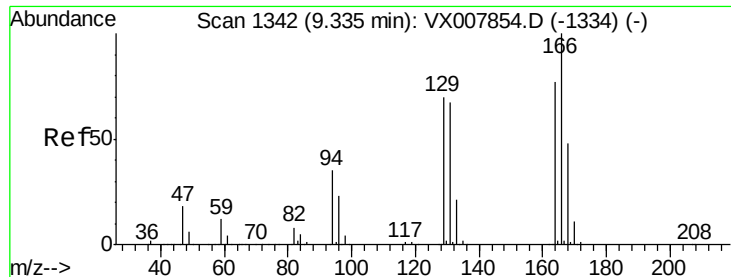


Abundance Ion 116.90 (116.60 to 117.60): VX008033.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX008033.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX008033.D (-1420) (-)

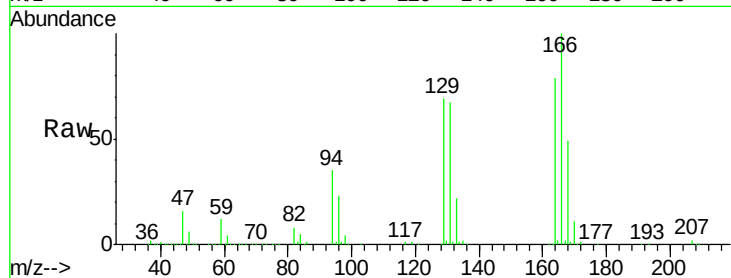




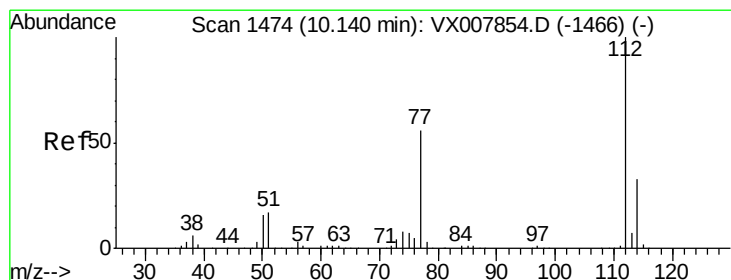
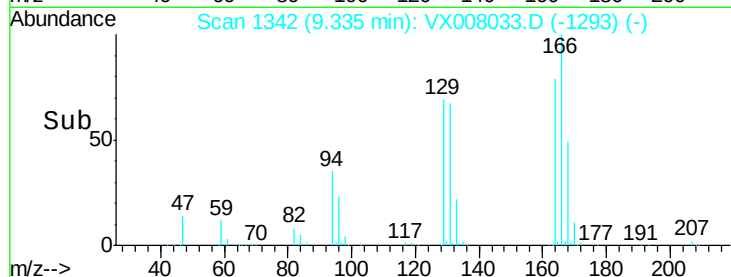
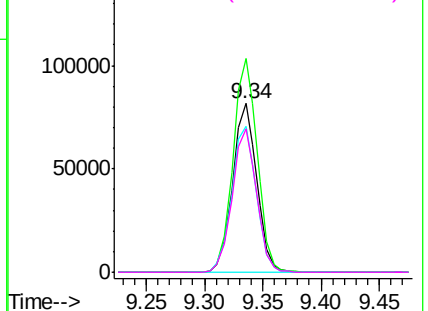
#64
Tetrachloroethene
Concen: 48.666 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008033.D
Acq: 12 Mar 2019 22:46

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

Tot Ion:164 Resp: 117095
Ion Ratio Lower Upper
164 100
166 126.7 103.4 155.0
129 86.9 72.2 108.4
131 84.8 69.4 104.2

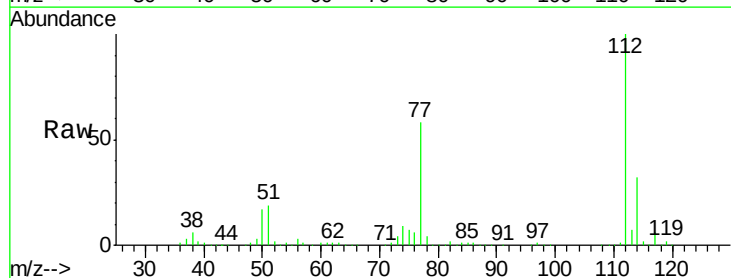


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

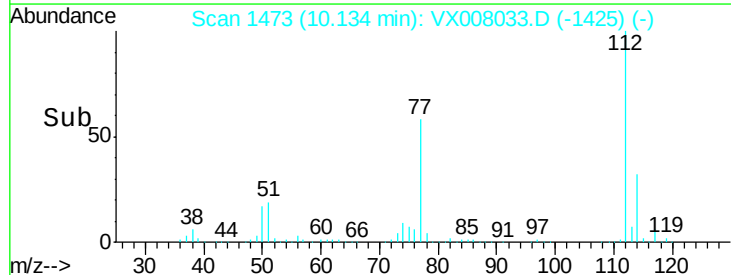
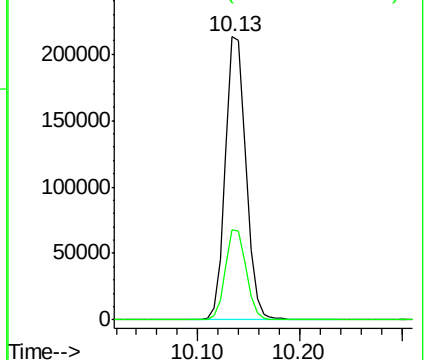


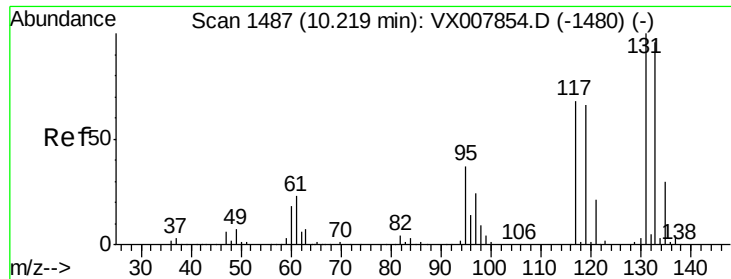
#65
Chlorobenzene
Concen: 49.290 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX008033.D
Acq: 12 Mar 2019 22:46

Tgt Ion:112 Resp: 299476
Ion Ratio Lower Upper
112 100
114 31.7 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: 50.892 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX008033.D

Acq: 12 Mar 2019 22:46

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

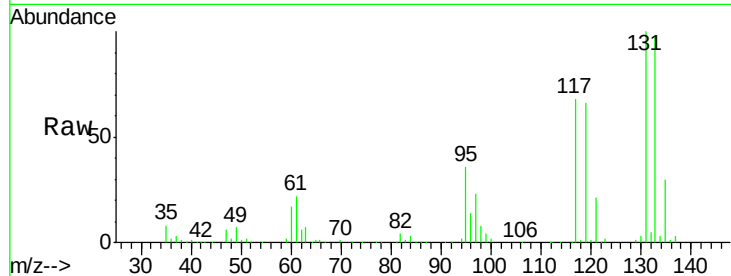
Tot Ion:131 Resp: 110820

Ion Ratio Lower Upper

131 100

133 95.4 47.8 143.3

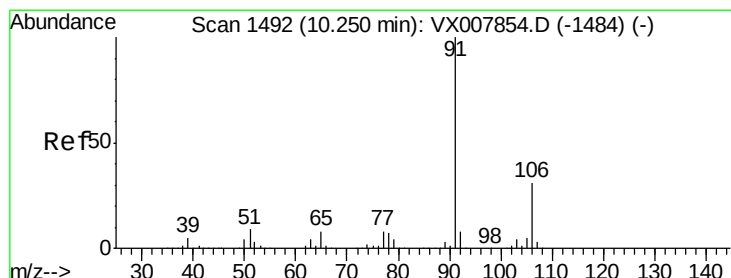
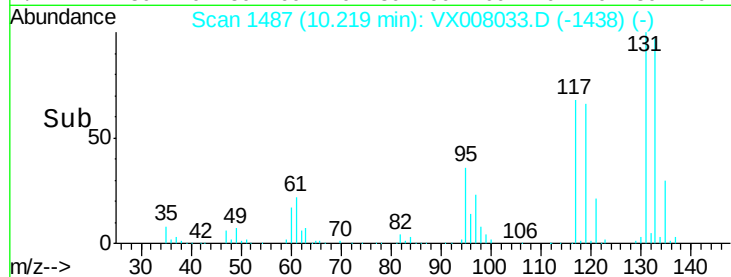
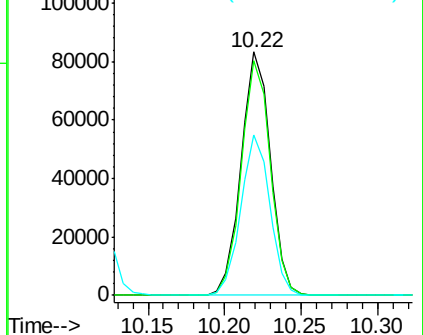
119 65.4 32.5 97.5



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: 50.202 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008033.D

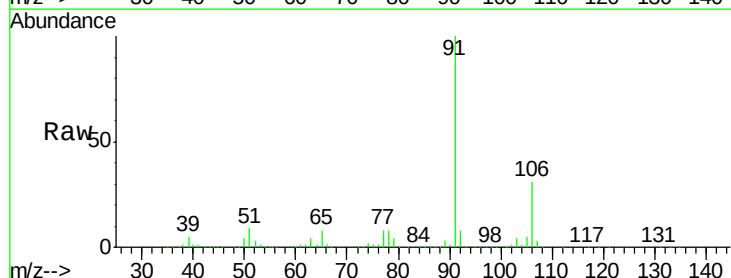
Acq: 12 Mar 2019 22:46

Tgt Ion: 91 Resp: 502082

Ion Ratio Lower Upper

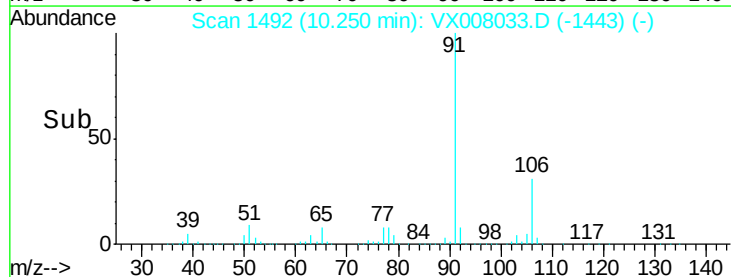
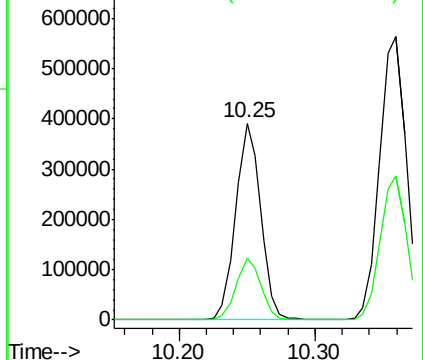
91 100

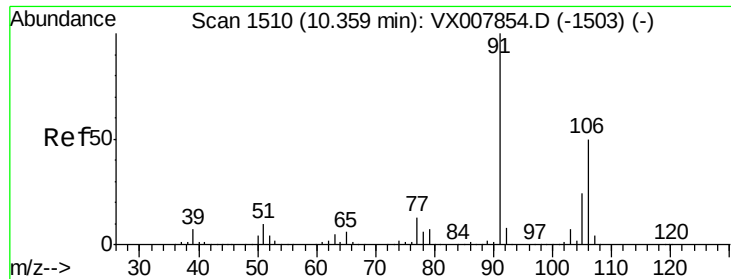
106 31.3 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

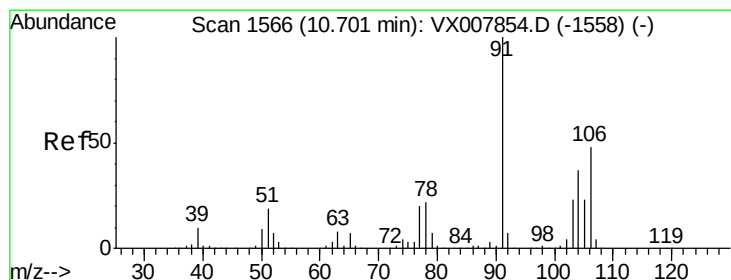
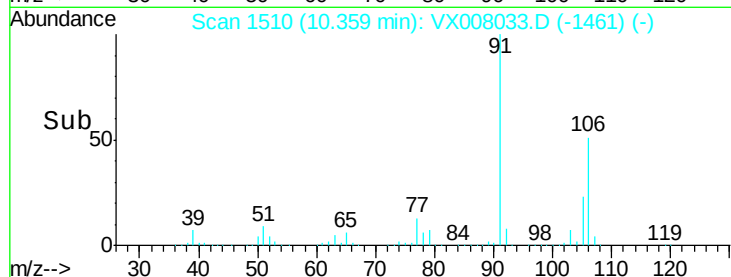
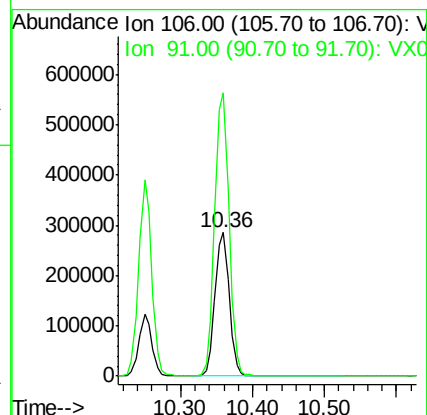
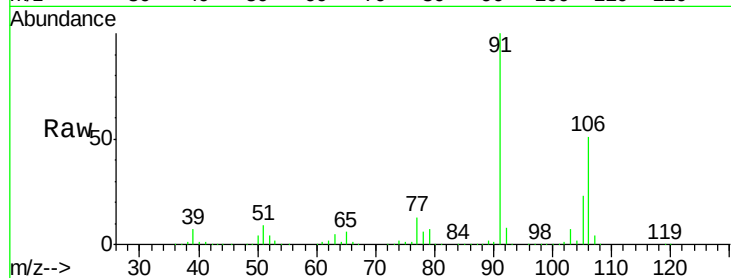




#68
m/p-Xylenes
Concen: 101.234 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008033.D
Acq: 12 Mar 2019 22:46

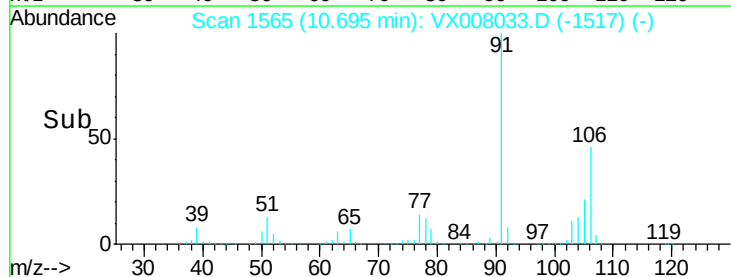
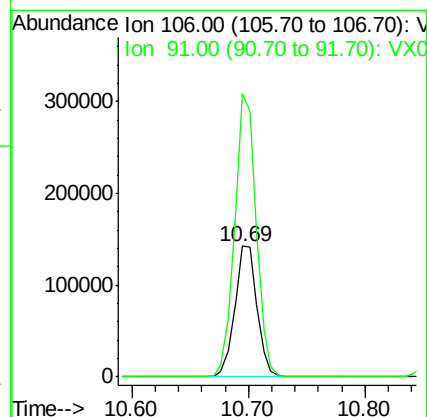
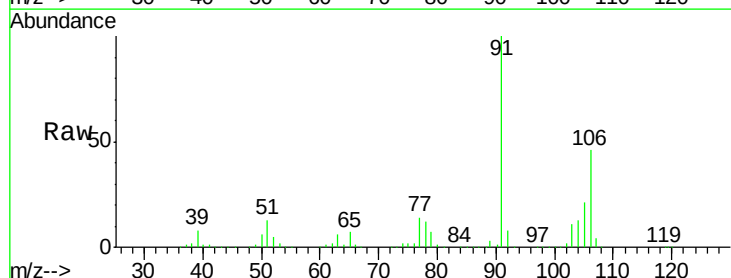
Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05D-M20W2-030619MS

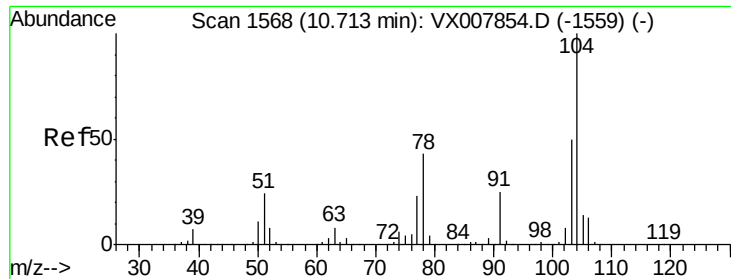
Tot Ion:106 Resp: 390260
Ion Ratio Lower Upper
106 100
91 199.6 159.8 239.6



#69
o-Xylene
Concen: 50.912 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008033.D
Acq: 12 Mar 2019 22:46

Tgt Ion:106 Resp: 189482
Ion Ratio Lower Upper
106 100
91 210.8 106.3 318.9

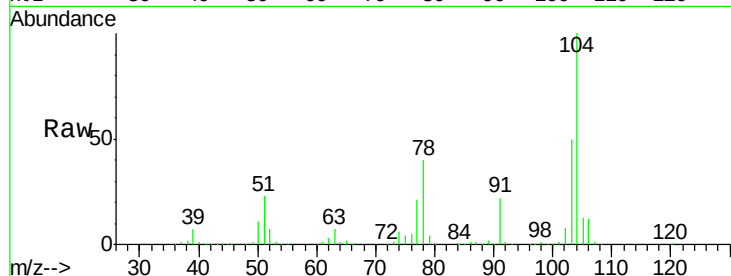




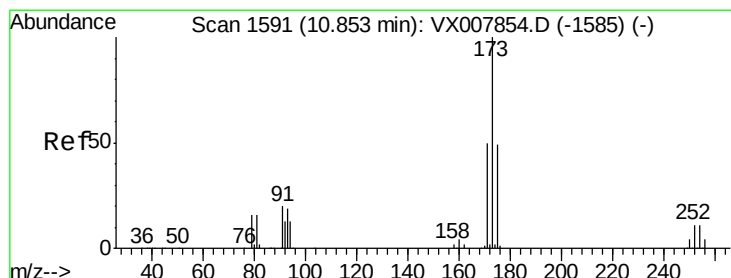
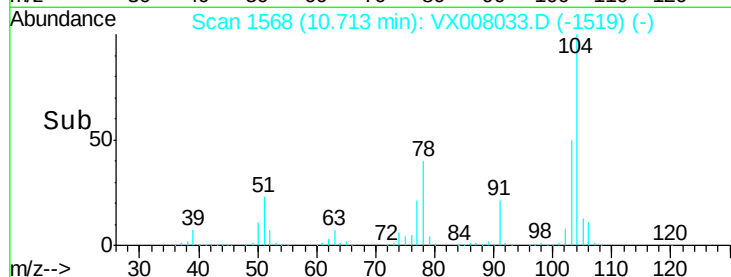
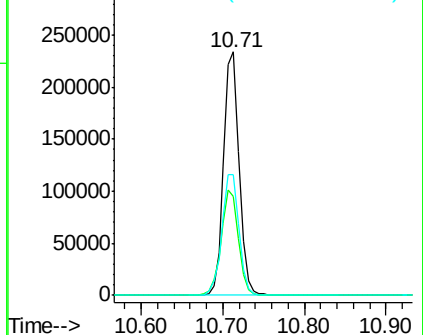
#70
Stvrene
Concen: 50.818 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008033.D
Acq: 12 Mar 2019 22:46

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

Tot Ion:104 Resp: 309499
Ion Ratio Lower Upper
104 100
78 47.9 38.5 57.7
103 55.4 44.1 66.1

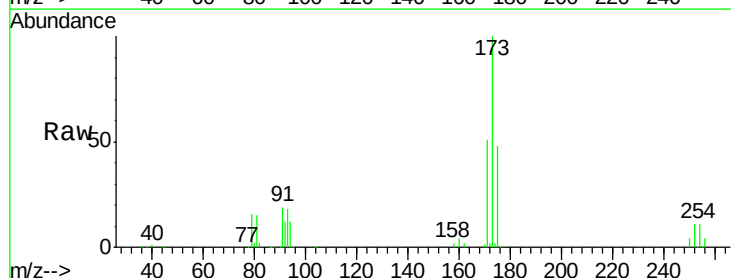


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

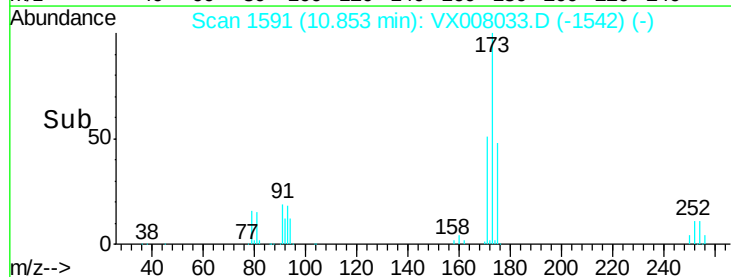
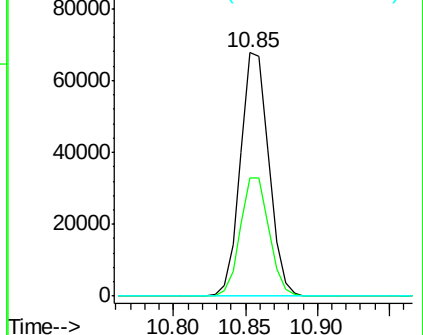


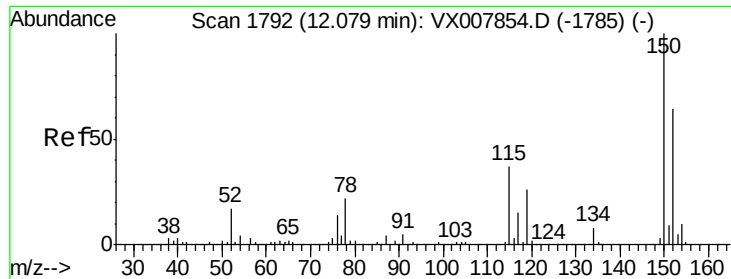
#71
Bromoform
Concen: 49.528 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX008033.D
Acq: 12 Mar 2019 22:46

Tgt Ion:173 Resp: 92618
Ion Ratio Lower Upper
173 100
175 49.1 24.3 72.9
254 0.1 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: VX008033.D

Acq: 12 Mar 2019 22:46

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

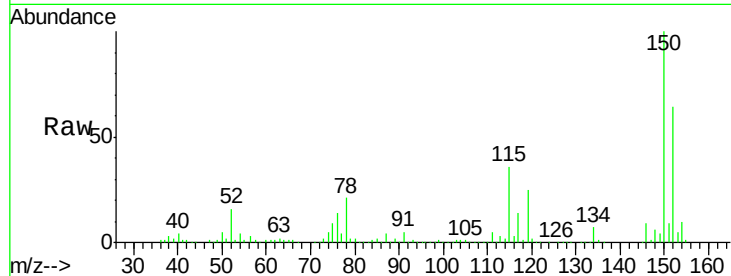
Tot Ion:152 Resp: 145723

Ion Ratio Lower Upper

152 100

115 76.3 38.6 115.7

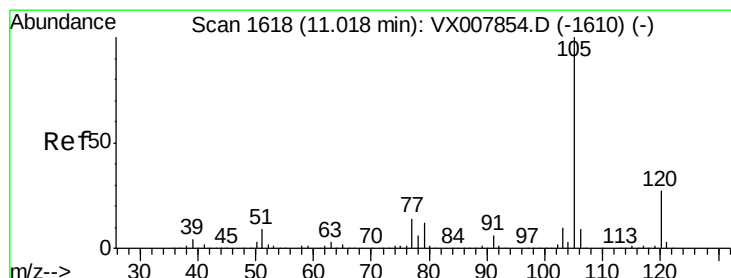
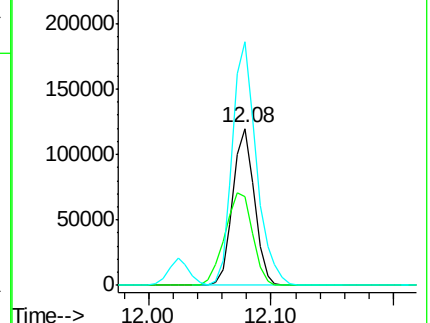
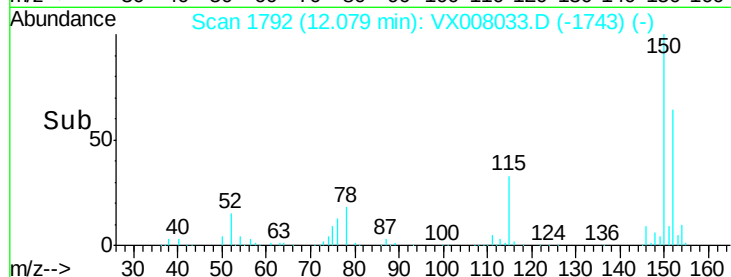
150 173.0 0.0 348.4



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: 51.171 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008033.D

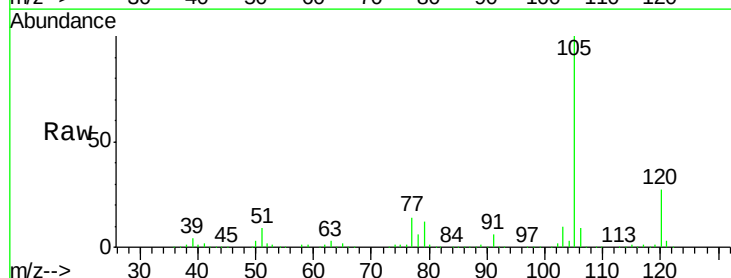
Acq: 12 Mar 2019 22:46

Tgt Ion:105 Resp: 504309

Ion Ratio Lower Upper

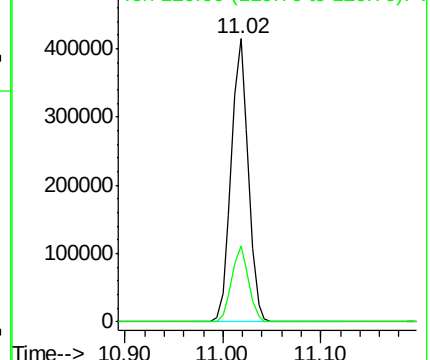
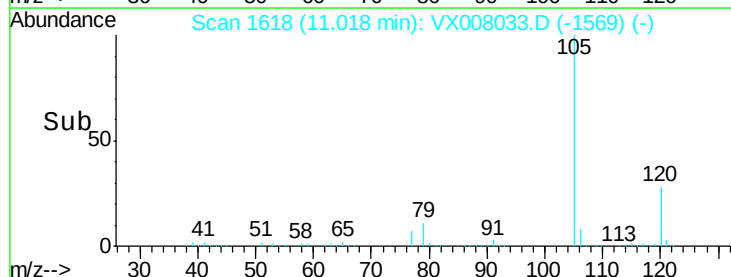
105 100

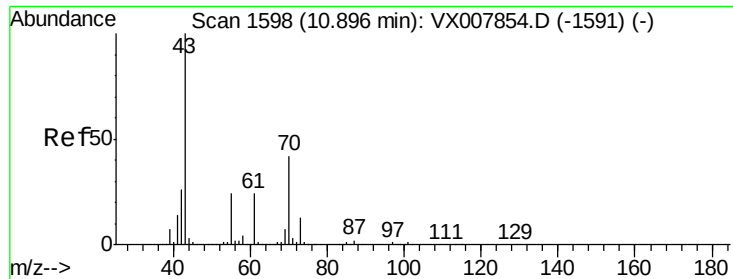
120 26.7 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 42.007 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008033.D

Acq: 12 Mar 2019 22:46

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

Tot Ion: 43 Resp: 189003

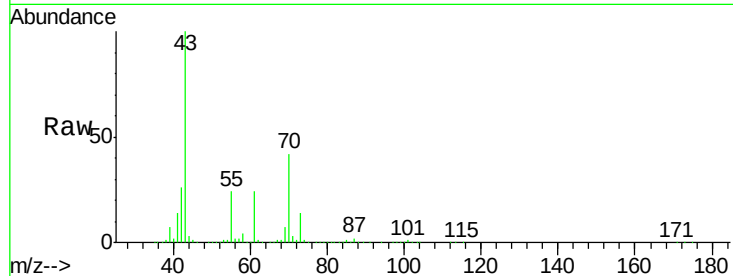
Ion Ratio Lower Upper

43 100

70 43.3 33.5 50.3

55 25.2 19.2 28.8

61 24.9 19.0 28.6

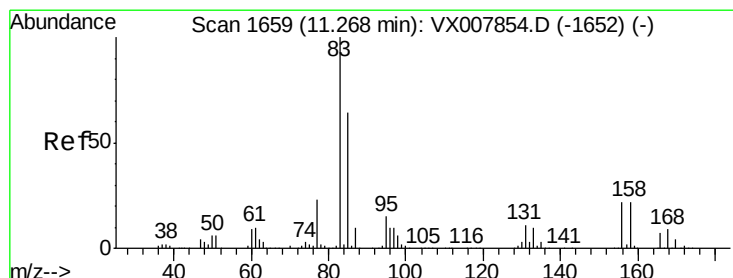
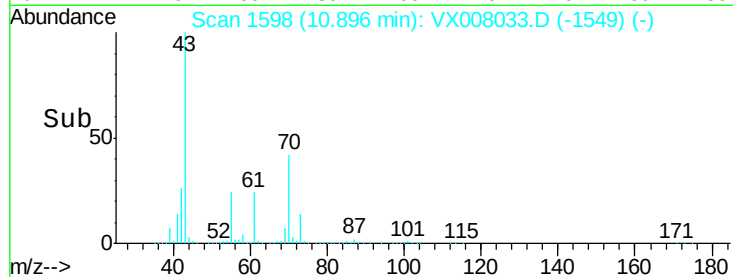
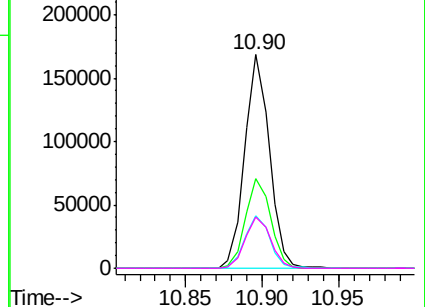


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 47.996 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008033.D

Acq: 12 Mar 2019 22:46

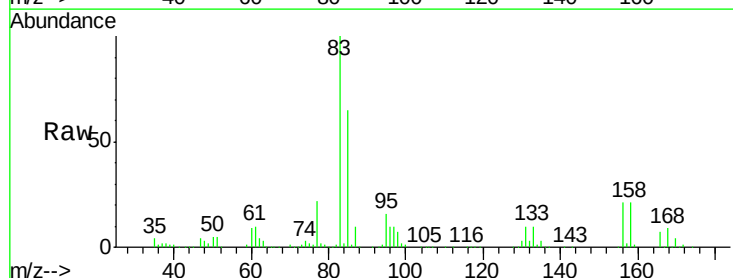
Tgt Ion: 83 Resp: 163164

Ion Ratio Lower Upper

83 100

131 10.5 5.4 16.2

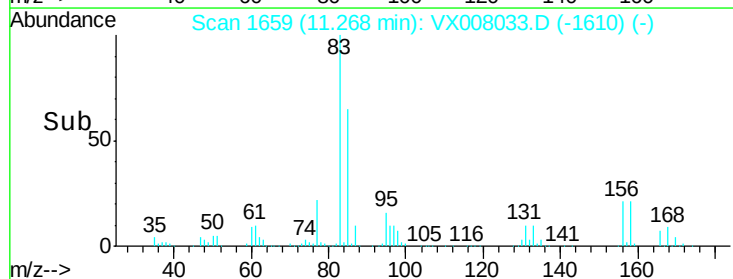
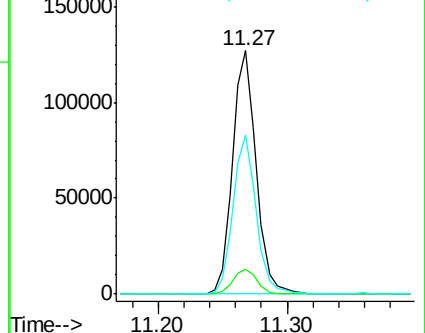
85 64.4 32.3 96.8

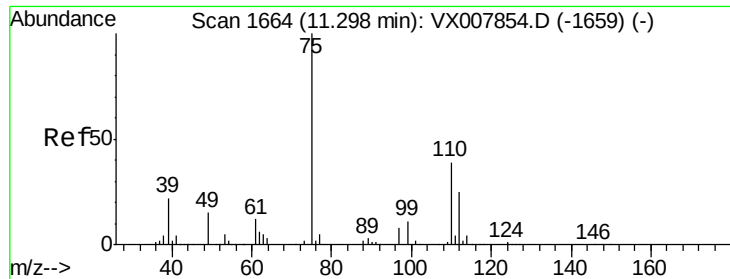


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

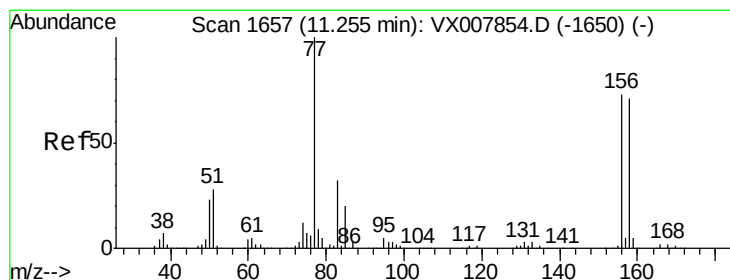
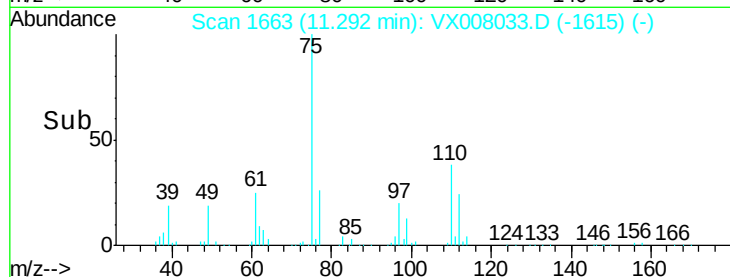
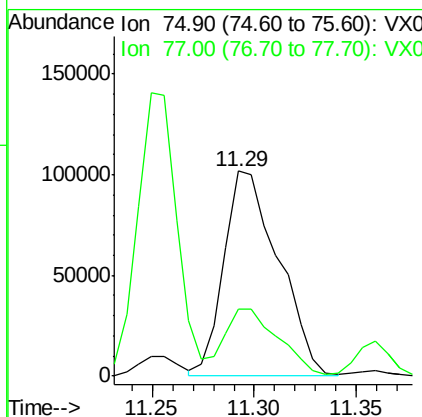
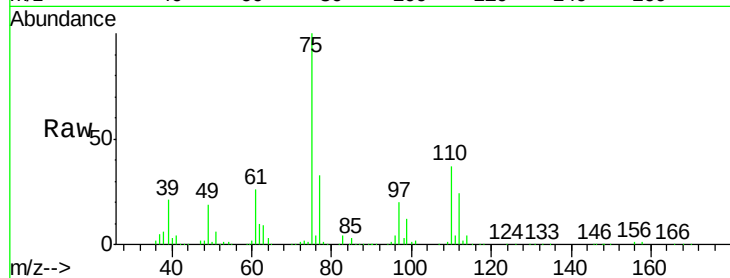




#76
 1,2,3-Trichloropropane
 Concen: 61.804 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: VX008033.D
 Acq: 12 Mar 2019 22:46

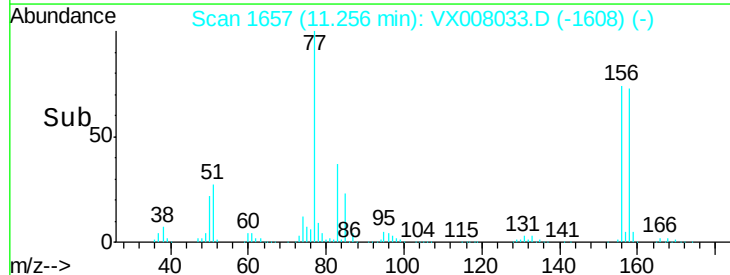
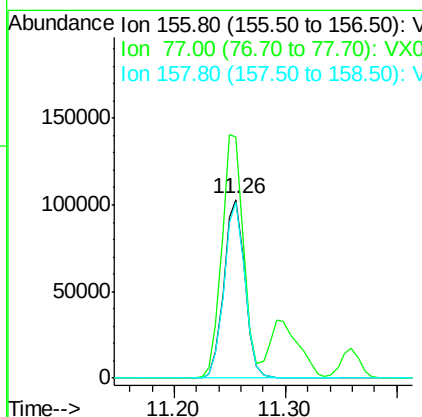
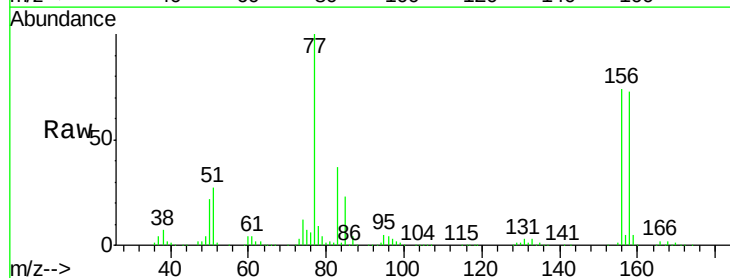
Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05D-M20W2-030619MS

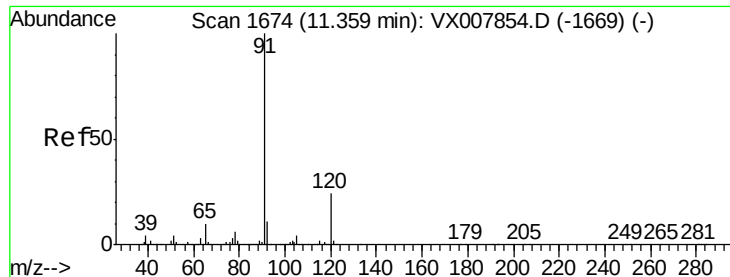
Tot Ion: 75 Resp: 188990
 Ion Ratio Lower Upper
 75 100
 77 32.7 18.9 56.7



#77
 Bromobenzene
 Concen: 49.553 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VX008033.D
 Acq: 12 Mar 2019 22:46

Tgt Ion: 156 Resp: 133893
 Ion Ratio Lower Upper
 156 100
 77 140.5 72.0 215.9
 158 98.0 48.6 145.9





#78

n-propylbenzene

Concen: 50.747 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008033.D

Acq: 12 Mar 2019 22:46

Instrument :

MSVOA_X

ClientSampleId :

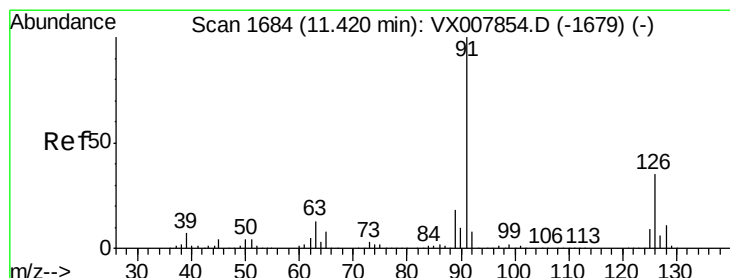
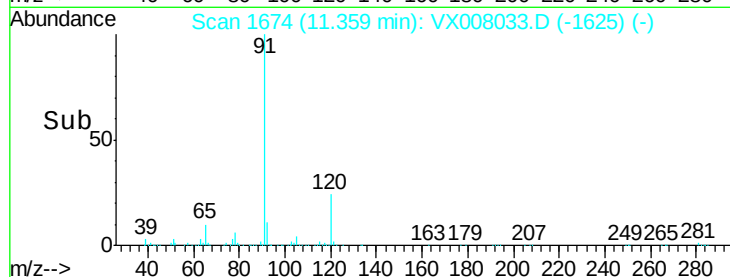
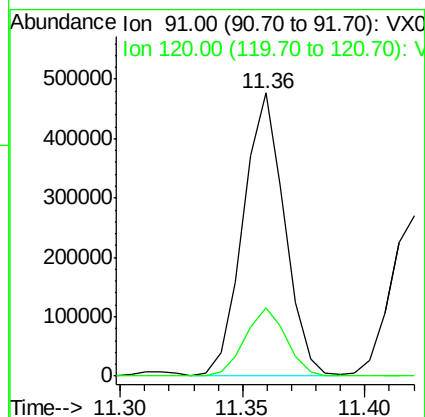
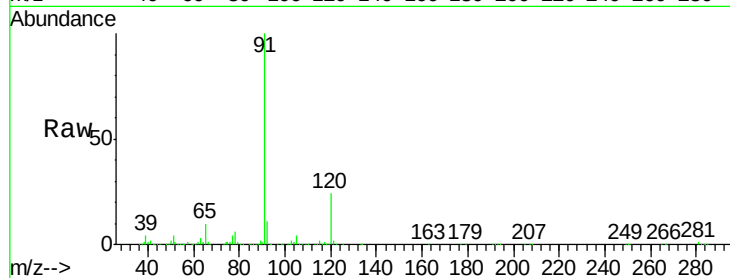
CPA-CPMW05D-M20W2-030619MS

Tot Ion: 91 Resp: 554843

Ion Ratio Lower Upper

91 100

120 24.2 12.0 36.0



#79

2-Chlorotoluene

Concen: 49.709 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008033.D

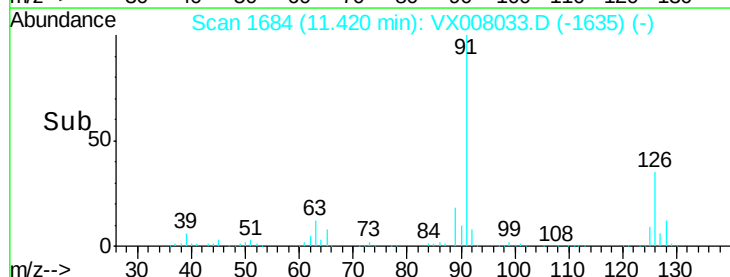
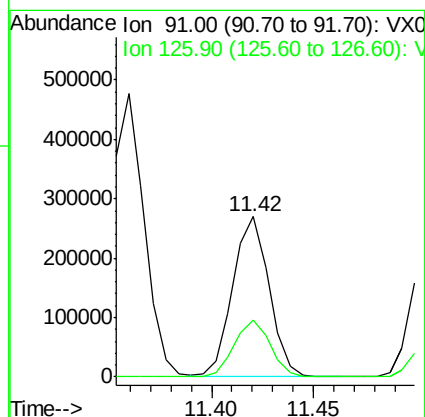
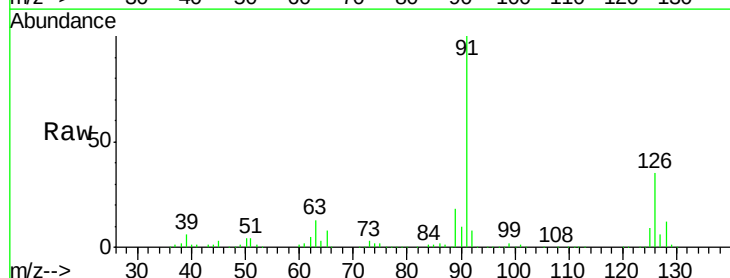
Acq: 12 Mar 2019 22:46

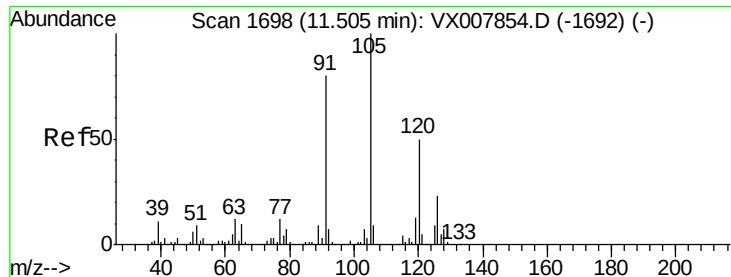
Tgt Ion: 91 Resp: 332304

Ion Ratio Lower Upper

91 100

126 35.4 17.5 52.6

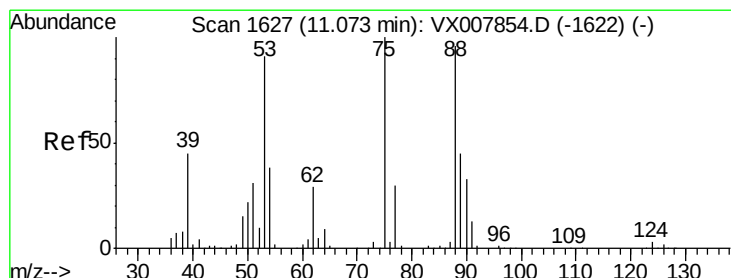
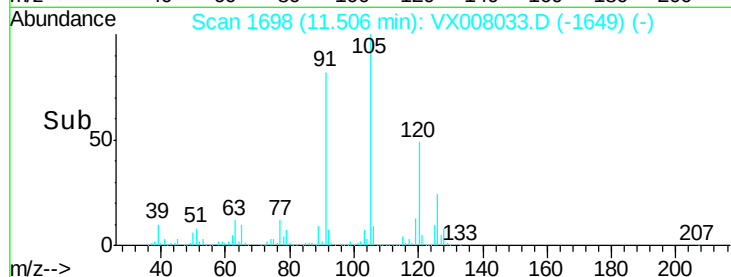
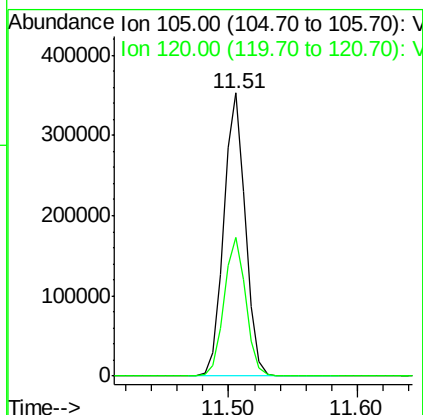
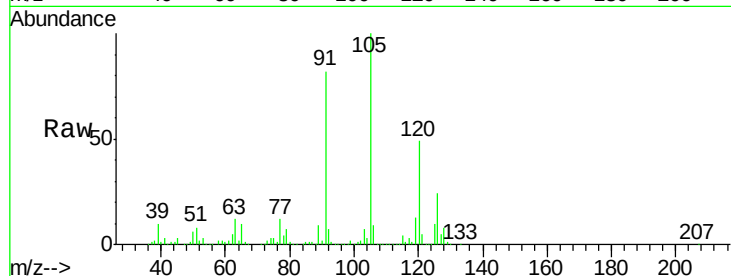




#80
 1,3,5-Trimethylbenzene
 Concen: 51.341 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX008033.D
 Acq: 12 Mar 2019 22:46

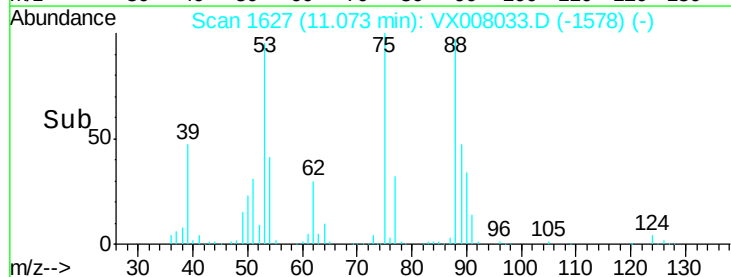
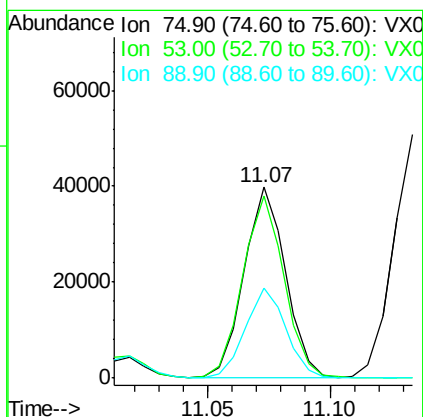
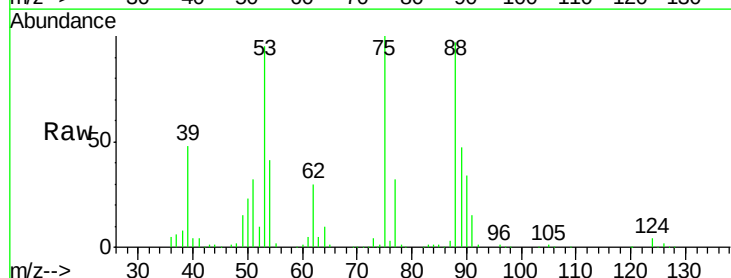
Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05D-M20W2-030619MS

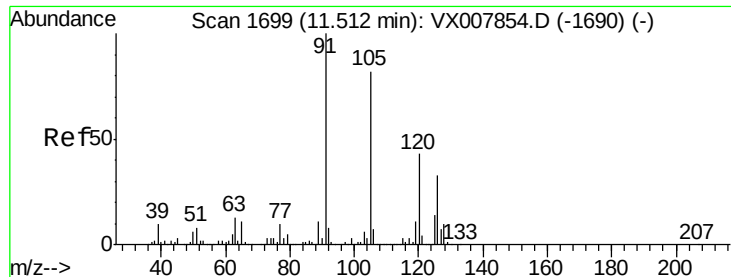
Tot Ion:105 Resp: 416459
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.9 74.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 48.869 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX008033.D
 Acq: 12 Mar 2019 22:46

Tgt Ion: 75 Resp: 46750
 Ion Ratio Lower Upper
 75 100
 53 96.4 76.1 114.1
 89 46.6 36.3 54.5





#82

4-Chlorotoluene

Concen: 49.852 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008033.D

Acq: 12 Mar 2019 22:46

Instrument :

MSVOA_X

ClientSampleId :

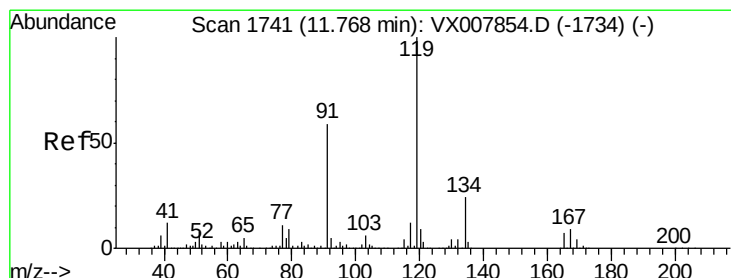
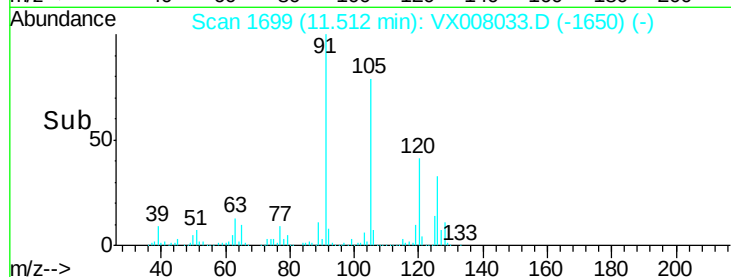
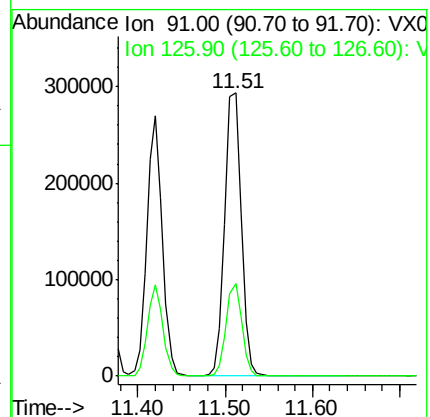
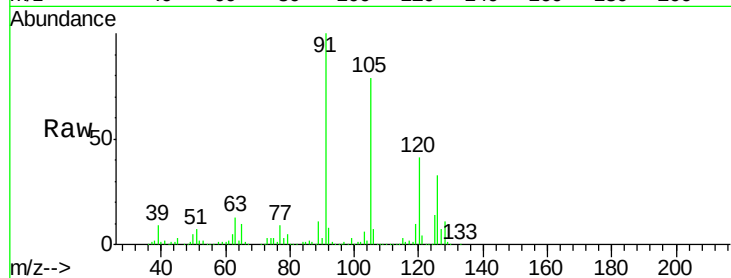
CPA-CPMW05D-M20W2-030619MS

Tot Ion: 91 Resp: 381919

Ion Ratio Lower Upper

91 100

126 31.3 15.6 46.8



#83

tert-Butylbenzene

Concen: 50.507 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX008033.D

Acq: 12 Mar 2019 22:46

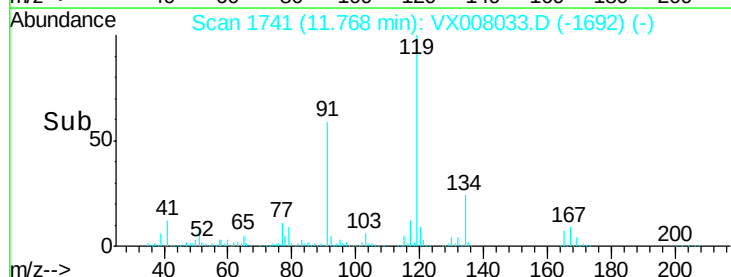
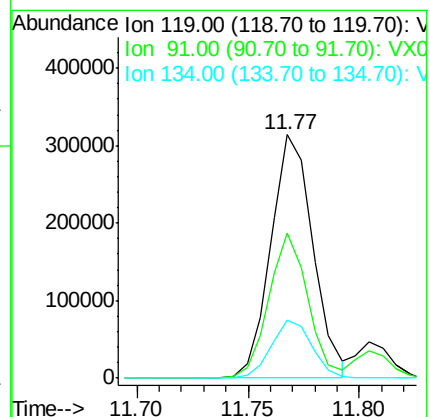
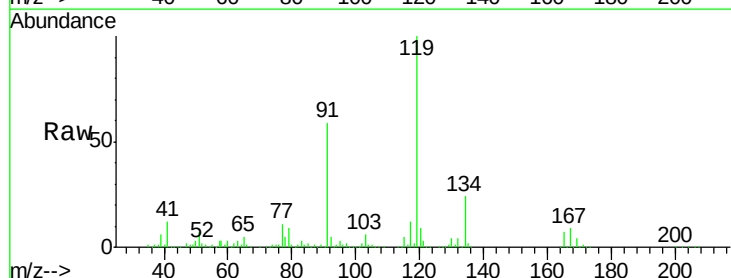
Tgt Ion: 119 Resp: 412682

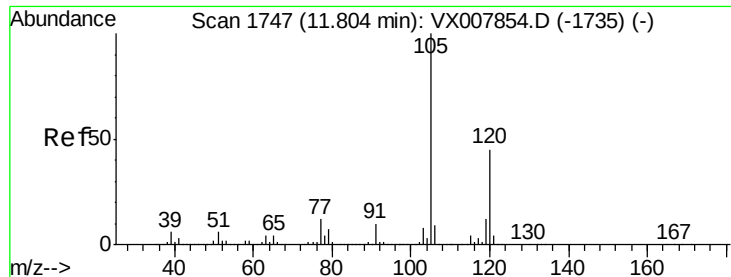
Ion Ratio Lower Upper

119 100

91 55.2 27.1 81.3

134 23.3 11.4 34.1

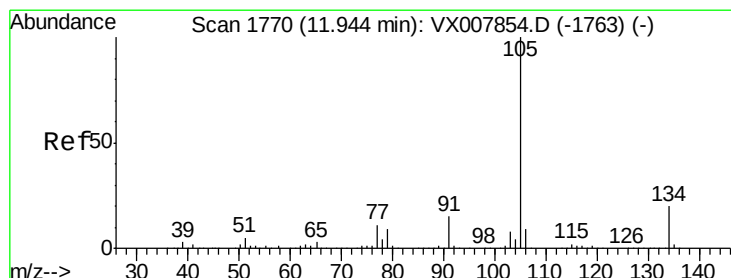
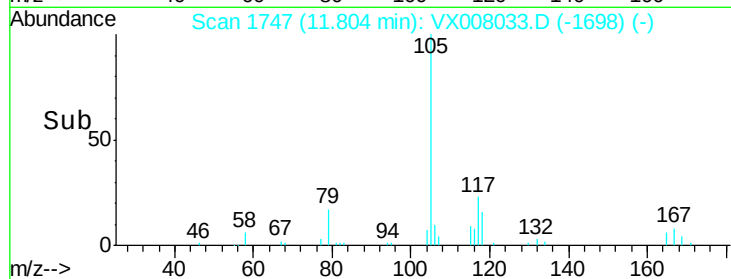
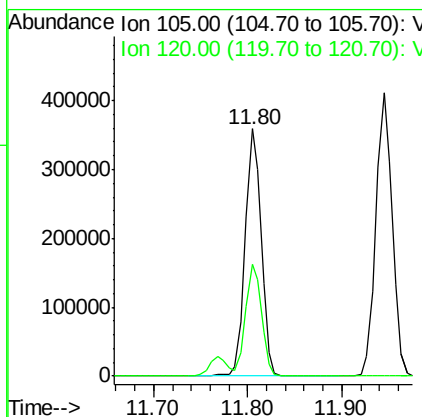
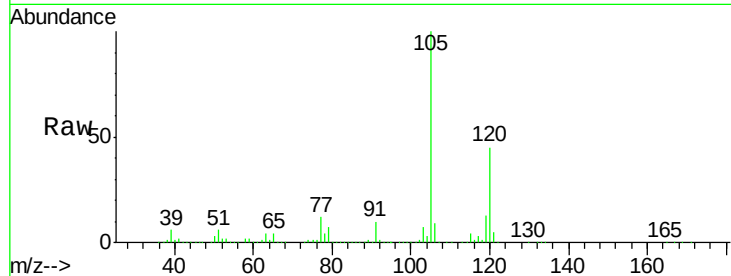




#84
 1,2,4-Trimethylbenzene
 Concen: 51.451 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008033.D
 Acq: 12 Mar 2019 22:46

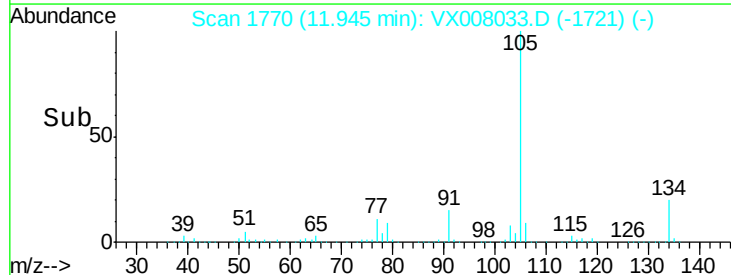
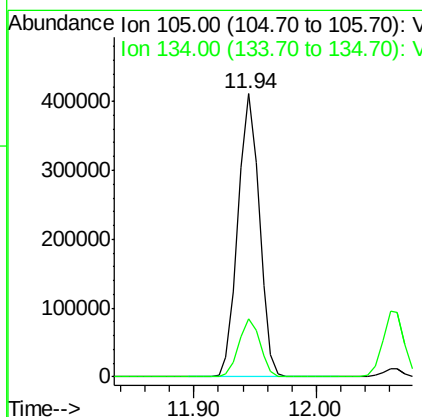
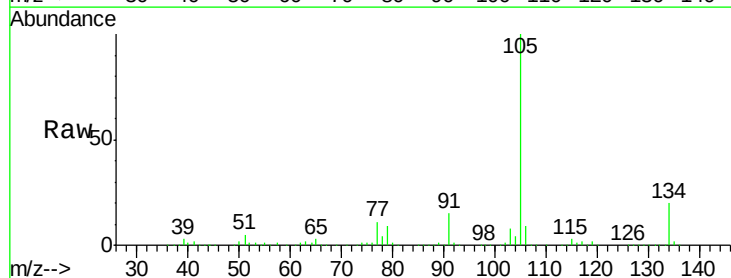
Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05D-M20W2-030619MS

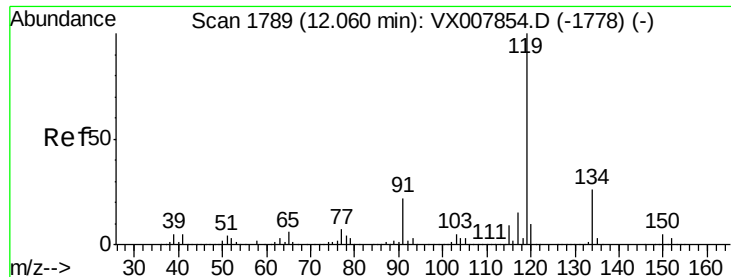
Tot Ion:105 Resp: 427836
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.6 67.7



#85
 sec-Butylbenzene
 Concen: 51.508 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX008033.D
 Acq: 12 Mar 2019 22:46

Tgt Ion:105 Resp: 495666
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.2

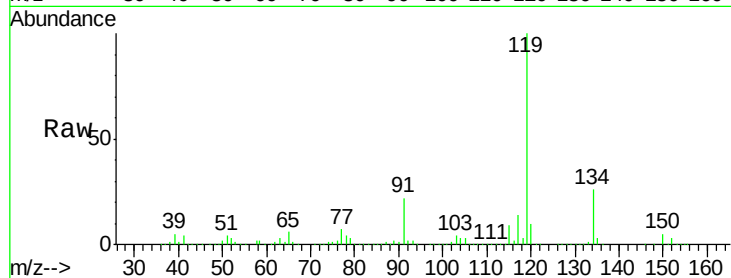




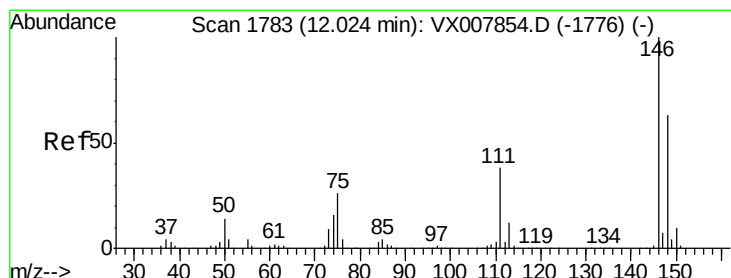
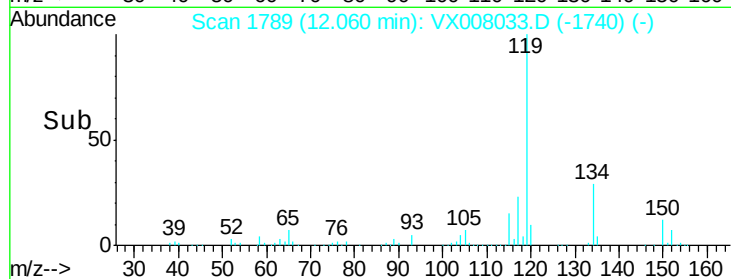
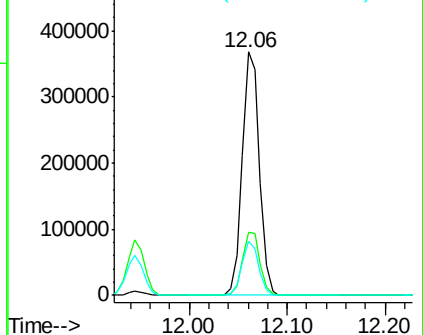
#86
p-Isopropyltoluene
Concen: 51.905 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX008033.D
Acq: 12 Mar 2019 22:46

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

Tot Ion:119 Resp: 447333
Ion Ratio Lower Upper
119 100
134 26.4 13.3 39.9
91 21.7 10.9 32.7

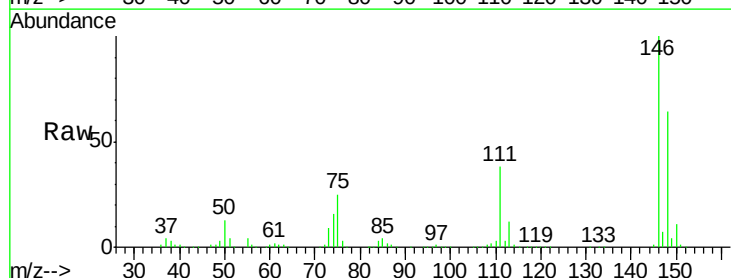


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

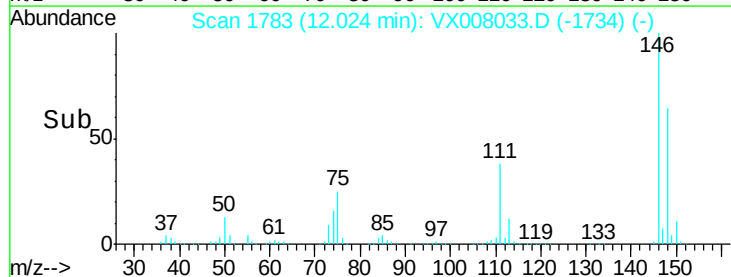
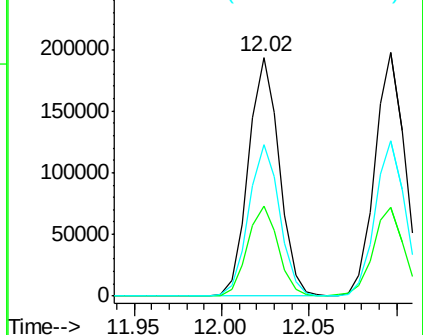


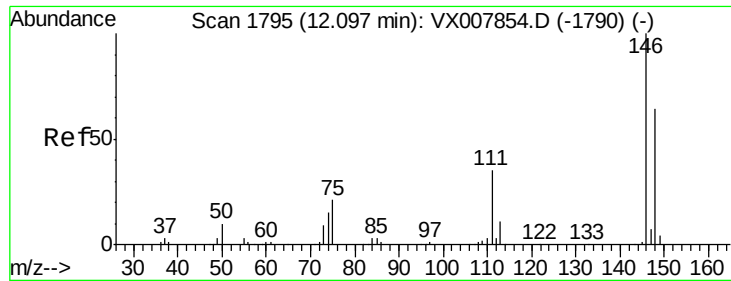
#87
1,3-Dichlorobenzene
Concen: 49.497 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX008033.D
Acq: 12 Mar 2019 22:46

Tgt Ion:146 Resp: 236610
Ion Ratio Lower Upper
146 100
111 37.5 18.9 56.7
148 63.7 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

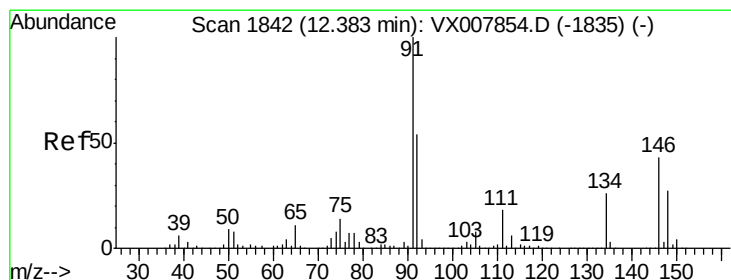
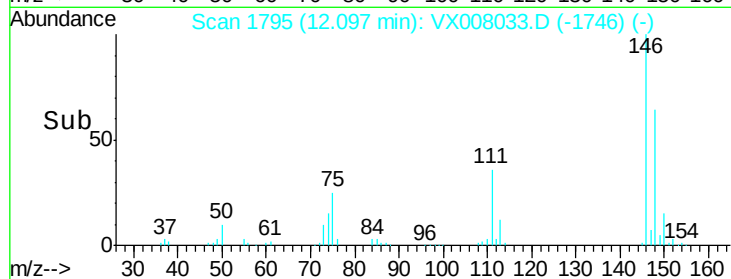
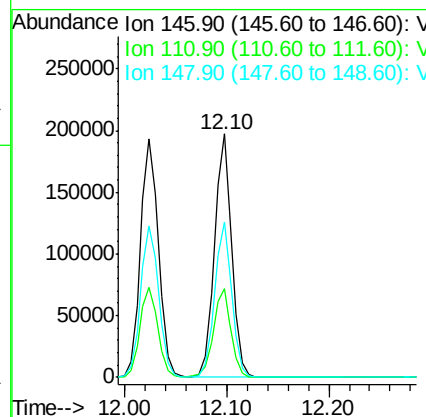
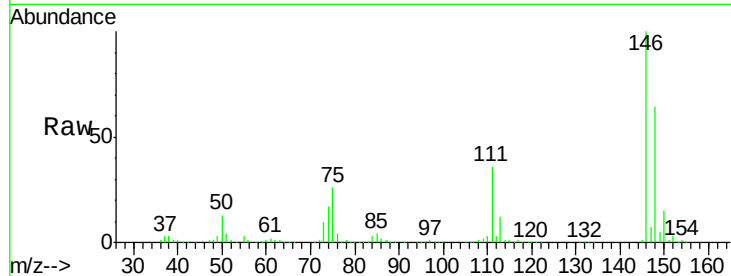




#88
 1,4-Dichlorobenzene
 Concen: 48.000 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008033.D
 Acq: 12 Mar 2019 22:46

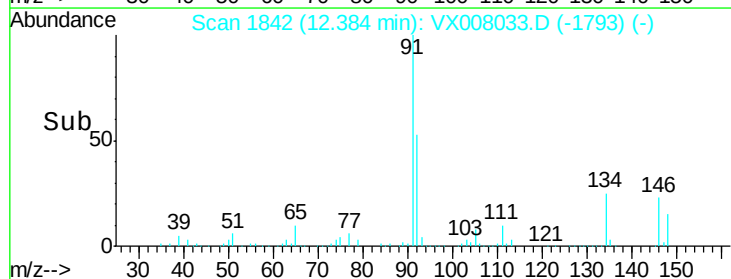
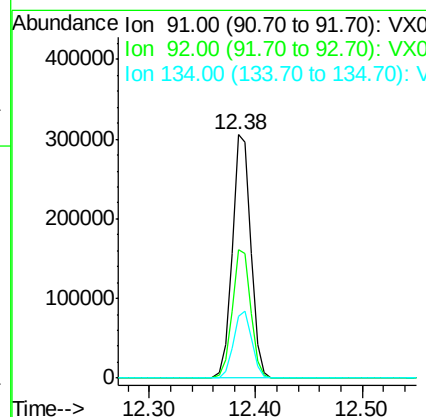
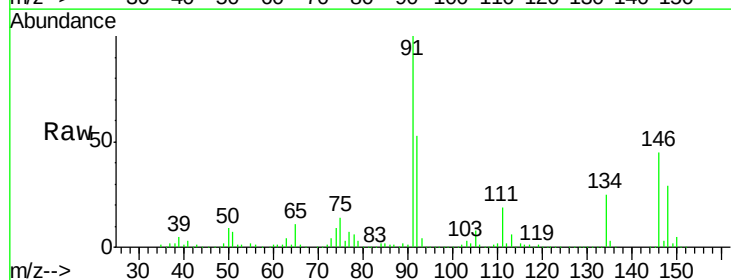
Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05D-M20W2-030619MS

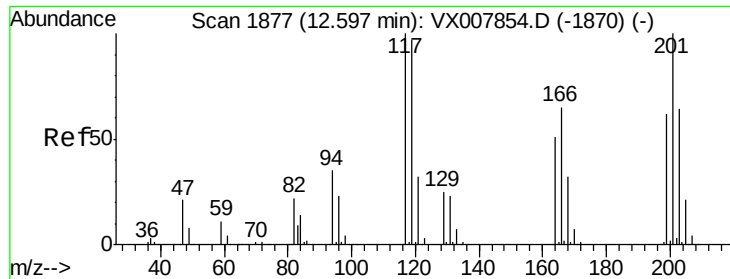
Tot Ion:146 Resp: 234980
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.4 55.0
 148 64.1 32.2 96.6



#89
 n-Butylbenzene
 Concen: 50.946 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX008033.D
 Acq: 12 Mar 2019 22:46

Tgt Ion: 91 Resp: 371978
 Ion Ratio Lower Upper
 91 100
 92 52.8 27.0 80.8
 134 27.0 13.7 41.0





#90

Hexachloroethane

Concen: 50.227 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX008033.D

Acq: 12 Mar 2019 22:46

Instrument :

MSVOA_X

ClientSampleId :

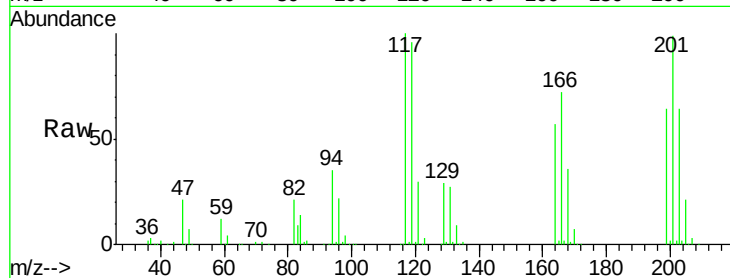
CPA-CPMW05D-M20W2-030619MS

Tot Ion:117 Resp: 72374

Ion Ratio Lower Upper

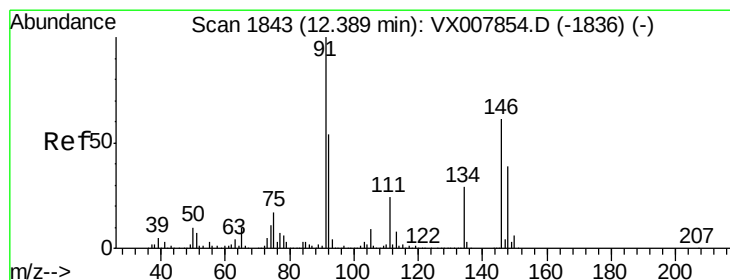
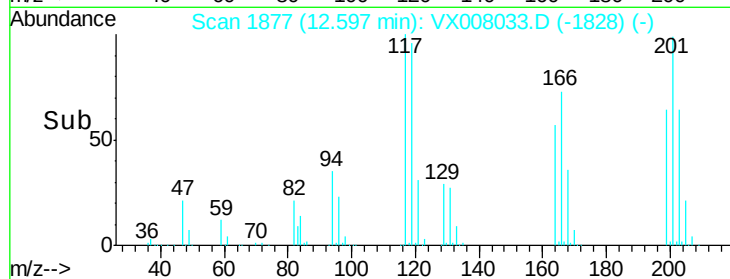
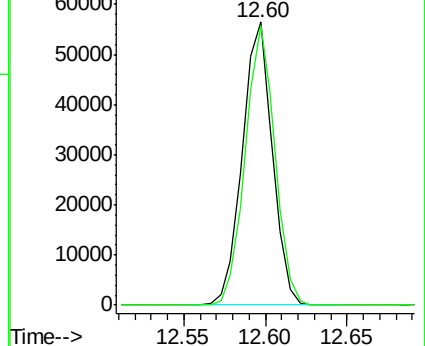
117 100

201 97.5 48.9 146.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 49.166 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX008033.D

Acq: 12 Mar 2019 22:46

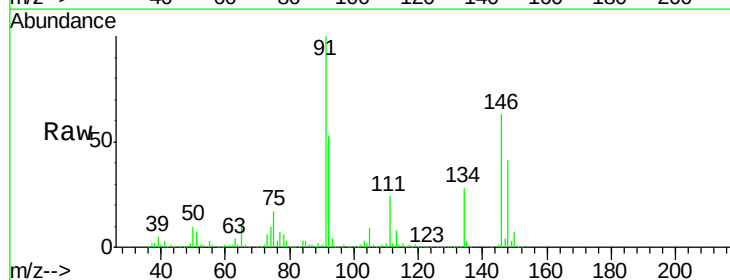
Tgt Ion:146 Resp: 233481

Ion Ratio Lower Upper

146 100

111 39.2 19.6 58.8

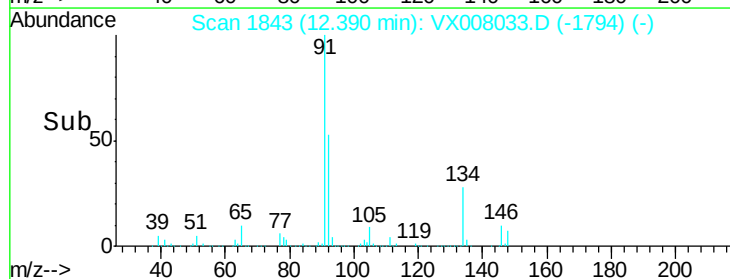
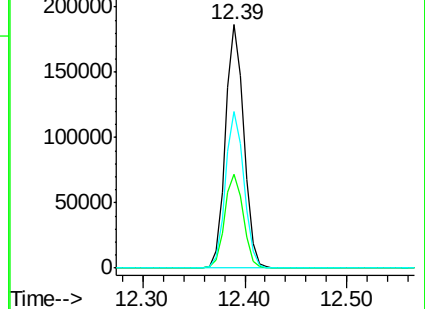
148 64.6 31.9 95.5

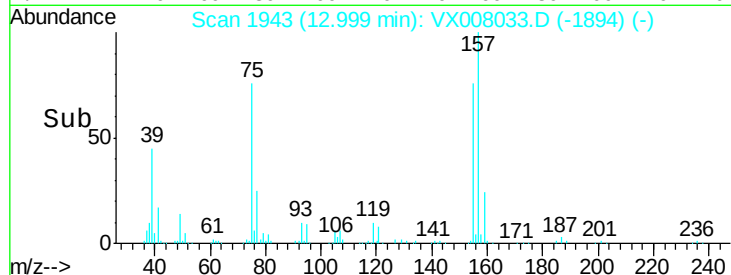
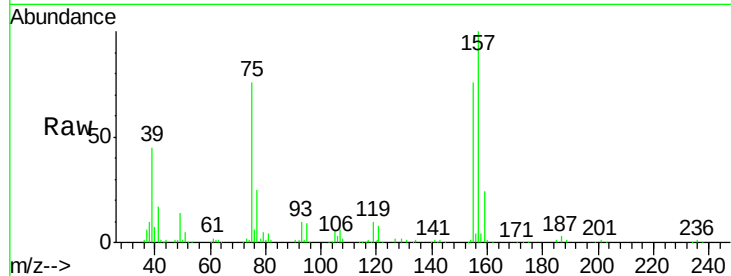
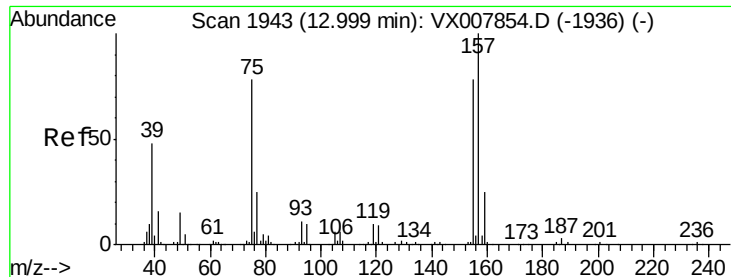


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

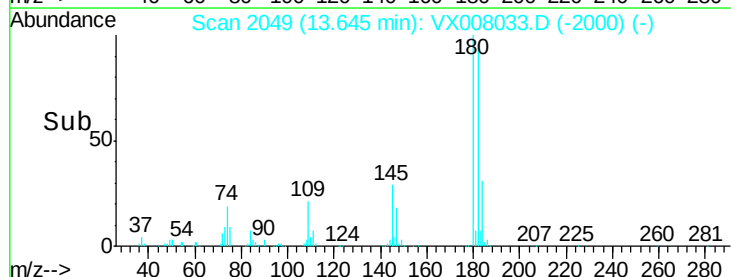
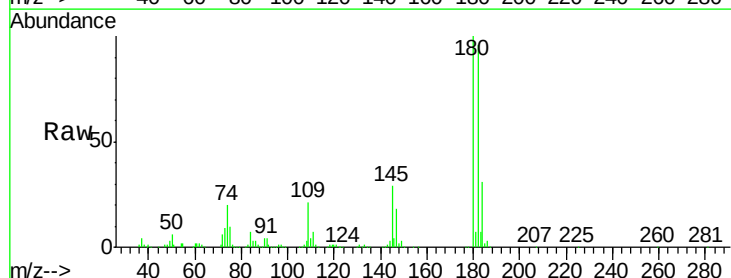
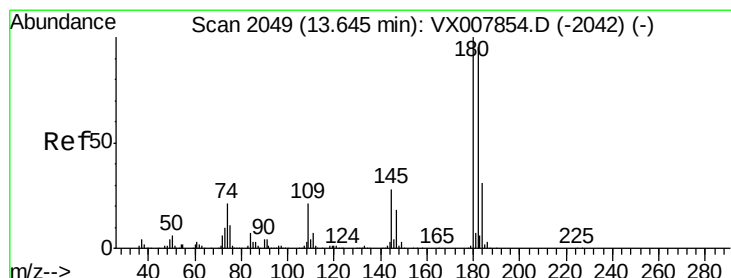
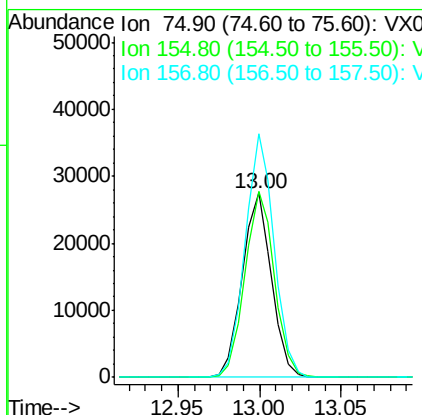




#92
1,2-Dibromo-3-Chloropropane
Concen: 48.341 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VX008033.D
Acq: 12 Mar 2019 22:46

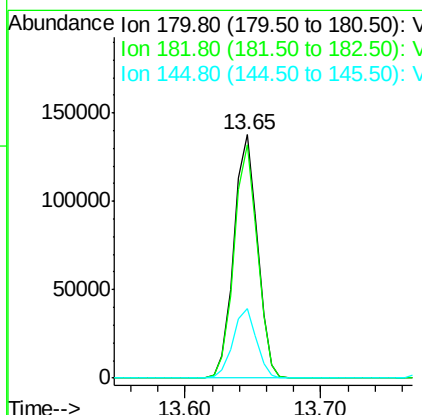
Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05D-M20W2-030619MS

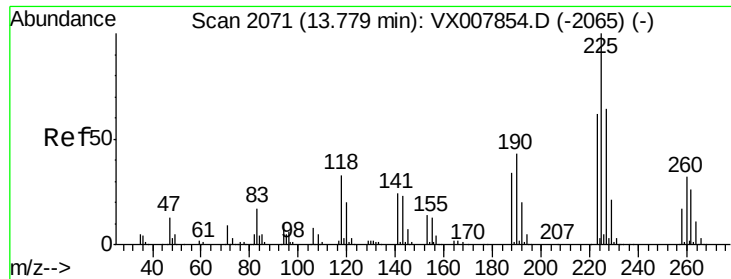
Tot Ion: 75 Resp: 34345
Ion Ratio Lower Upper
75 100
155 101.2 49.7 149.1
157 130.7 63.8 191.4



#93
1,2,4-Trichlorobenzene
Concen: 49.723 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX008033.D
Acq: 12 Mar 2019 22:46

Tgt Ion:180 Resp: 165877
Ion Ratio Lower Upper
180 100
182 95.3 47.9 143.7
145 28.5 14.1 42.4





#94

Hexachlorobutadiene

Concen: 50.304 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX008033.D

Acq: 12 Mar 2019 22:46

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

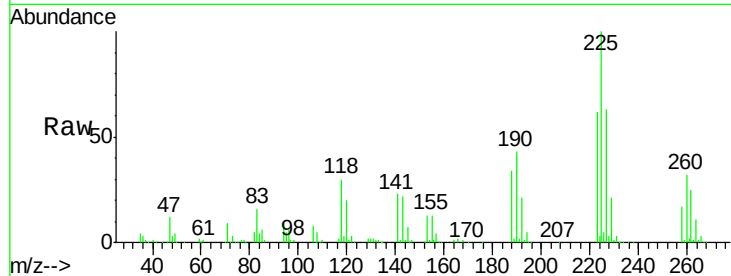
Tot Ion:225 Resp: 87738

Ion Ratio Lower Upper

225 100

223 61.2 31.1 93.2

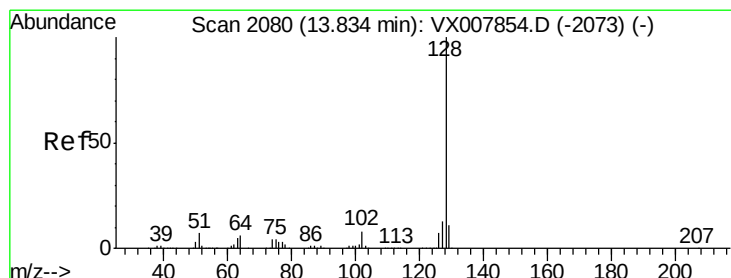
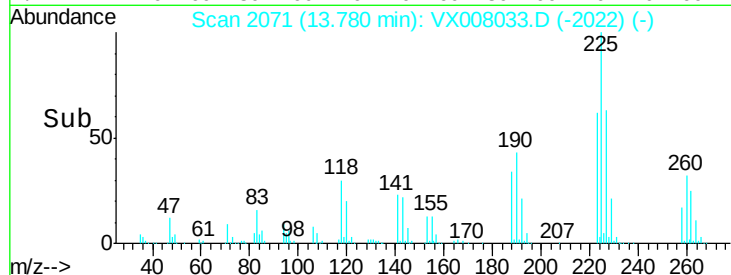
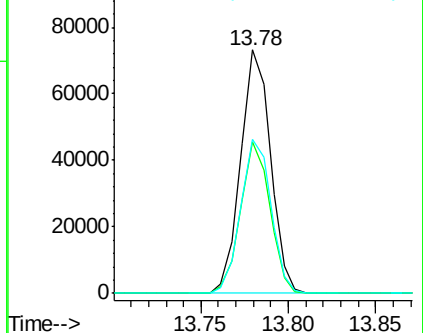
227 63.9 32.0 96.0



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: 51.323 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008033.D

Acq: 12 Mar 2019 22:46

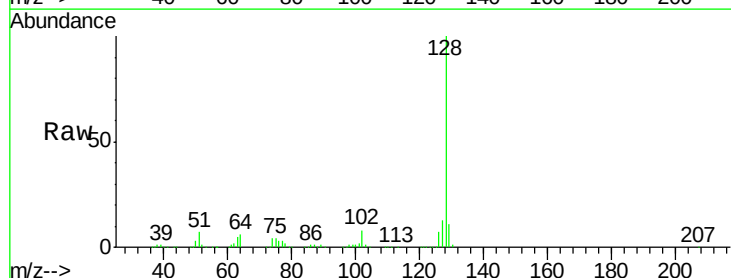
Tgt Ion:128 Resp: 493327

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

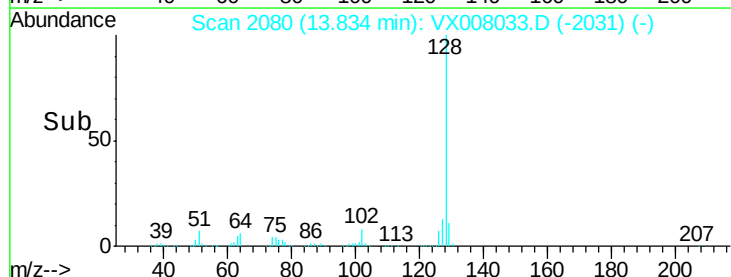
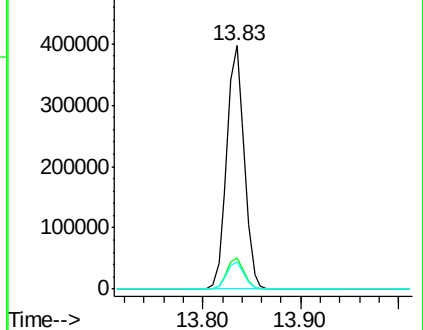
129 11.0 8.7 13.1

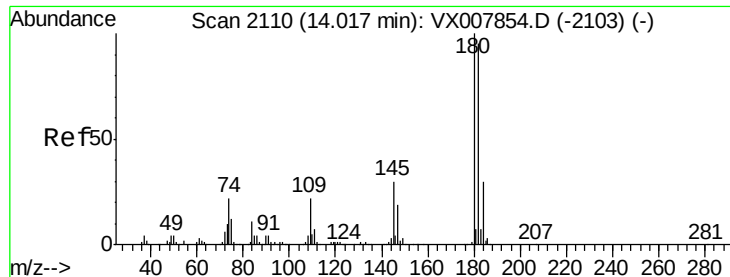


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

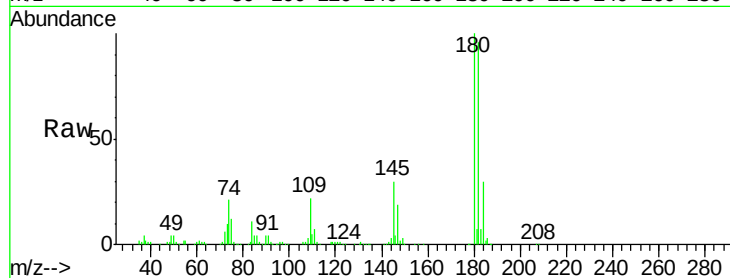




#96
 1,2,3-Trichlorobenzene
 Concen: 50.170 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX008033.D
 Acq: 12 Mar 2019 22:46

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

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.5	142.5
145	30.0	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

