

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032319\
 Data File : VX008374.D
 Acq On : 24 Mar 2019 00:45
 Operator : JC/SP
 Sample : K1900-08MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW309D-20190313MS

Quant Time: Mar 25 08:06:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 15:27:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	201286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	352536	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	315782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	149458	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	150202	48.93	ug/l	0.00
Spiked Amount			Recovery	=	97.86%	
35) Dibromofluoromethane	5.50	113	111553	48.84	ug/l	0.00
Spiked Amount			Recovery	=	97.68%	
50) Toluene-d8	8.71	98	445272	49.29	ug/l	0.00
Spiked Amount			Recovery	=	98.58%	
62) 4-Bromofluorobenzene	11.13	95	165322	49.84	ug/l	0.00
Spiked Amount			Recovery	=	99.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	107793	47.306	ug/l	100
3) Chloromethane	1.32	50	163688	48.459	ug/l	99
4) Vinyl Chloride	1.40	62	159103	48.259	ug/l	99
5) Bromomethane	1.64	94	100893	48.598	ug/l	97
6) Chloroethane	1.71	64	94149	48.760	ug/l	99
7) Trichlorofluoromethane	1.92	101	176980	47.204	ug/l	100
8) Diethyl Ether	2.18	74	84063	46.827	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	102353	46.085	ug/l	88
10) Methyl Iodide	2.51	142	137783	48.898	ug/l	98
11) Tert butyl alcohol	3.05	59	177807	260.022	ug/l	99
12) 1,1-Dichloroethene	2.37	96	107597	46.932	ug/l	88
13) Acrolein	2.29	56	126378	216.276	ug/l	99
14) Allyl chloride	2.73	41	236893	46.708	ug/l	95
15) Acrylonitrile	3.14	53	428399	244.640	ug/l	99
16) Acetone	2.45	43	369998	241.117	ug/l	98
17) Carbon Disulfide	2.57	76	331050	45.158	ug/l	99
18) Methyl Acetate	2.78	43	155369	40.450	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	402800	48.782	ug/l	98
20) Methylene Chloride	2.85	84	130256	47.152	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	114333	46.057	ug/l	93
22) Diisopropyl ether	3.85	45	479293	48.536	ug/l #	88
23) Vinyl Acetate	3.81	43	1815667	208.247	ug/l	97
24) 1,1-Dichloroethane	3.70	63	242465	48.158	ug/l	98
25) 2-Butanone	4.67	43	624902	247.314	ug/l	96
26) 2,2-Dichloropropane	4.58	77	123065	37.939	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	133742	47.038	ug/l	92
28) Bromochloromethane	5.01	49	120630	47.995	ug/l #	78
29) Tetrahydrofuran	5.13	42	410452	244.647	ug/l	96
30) Chloroform	5.21	83	219398	48.333	ug/l	99
31) Cyclohexane	5.58	56	229362	47.507	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	175141	48.768	ug/l	96
36) 1,1-Dichloropropene	5.80	75	171904	47.719	ug/l	95
37) Ethyl Acetate	4.84	43	203754	41.792	ug/l	97
38) Carbon Tetrachloride	5.79	117	145321	47.060	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	202349	45.826	ug/l	93
40) Benzene	6.14	78	519453	47.349	ug/l	98
41) Methacrylonitrile	5.04	41	132351	49.804	ug/l	96
42) 1,2-Dichloroethane	6.19	62	188201	47.271	ug/l	96
43) Isopropyl Acetate	6.45	43	337305	44.429	ug/l	97
44) Trichloroethene	7.21	130	117787	46.233	ug/l	88
45) 1,2-Dichloropropane	7.51	63	148563	47.834	ug/l	98
46) Dibromomethane	7.66	93	85945	46.629	ug/l #	84
47) Bromodichloromethane	7.90	83	168438	47.911	ug/l	100
48) Methyl methacrylate	7.77	41	188308	49.155	ug/l	94
49) 1,4-Dioxane	7.74	88	77032	996.639	ug/l	92
51) 4-Methyl-2-Pentanone	8.64	43	1241662	249.271	ug/l	97
52) Toluene	8.78	92	312697	48.608	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	182457	48.270	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	202118	47.162	ug/l #	91
55) 1,1,2-Trichloroethane	9.21	97	126876	47.482	ug/l	97
56) Ethyl methacrylate	9.18	69	237468	50.199	ug/l	91
57) 1,3-Dichloropropane	9.37	76	226794	47.643	ug/l	100
59) 2-Hexanone	9.49	43	978658	255.936	ug/l	96
60) Dibromochloromethane	9.58	129	121194	48.863	ug/l	98
61) 1,2-Dibromoethane	9.67	107	130748	48.213	ug/l	99
64) Tetrachloroethene	9.34	164	94571	45.796	ug/l	96
65) Chlorobenzene	10.14	112	315219	47.597	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	111172	48.406	ug/l	98
67) Ethyl Benzene	10.25	91	598972	48.301	ug/l	97
68) m/p-Xylenes	10.36	106	432309	97.027	ug/l	92
69) o-Xylene	10.69	106	212165	48.697	ug/l	93
70) Styrene	10.71	104	372576	49.310	ug/l	96
71) Bromoform	10.85	173	87833	49.646	ug/l #	99
73) Isopropylbenzene	11.02	105	556706	47.199	ug/l	98
74) N-amyl acetate	10.90	43	299092	43.311	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	222536	47.367	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	245821	62.837	ug/l	91
77) Bromobenzene	11.26	156	131550	47.136	ug/l	80
78) n-propylbenzene	11.36	91	658931	47.665	ug/l	95
79) 2-Chlorotoluene	11.42	91	393411	46.718	ug/l	94
80) 1,3,5-Trimethylbenzene	11.51	105	474123	47.253	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	64076	46.676	ug/l	91
82) 4-Chlorotoluene	11.51	91	456426	47.040	ug/l	94
83) tert-Butylbenzene	11.77	119	464446	48.609	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	482751	48.212	ug/l	97
85) sec-Butylbenzene	11.94	105	543866	47.494	ug/l	96
86) p-Isopropyltoluene	12.06	119	480743	47.629	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	234761	46.835	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	236457	46.363	ug/l	97
89) n-Butylbenzene	12.38	91	454330	47.150	ug/l	97
90) Hexachloroethane	12.60	117	80090	48.037	ug/l	80
91) 1,2-Dichlorobenzene	12.39	146	239944	47.265	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	49736	49.670	ug/l	76
93) 1,2,4-Trichlorobenzene	13.65	180	160959	47.019	ug/l	98

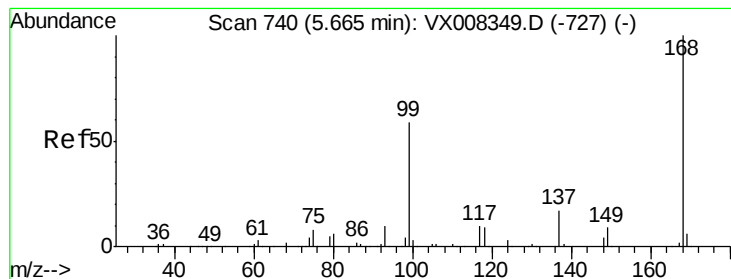
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032319\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	73772	45.600	ug/l	99
95) Naphthalene	13.83	128	575305	47.856	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	161732	46.819	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

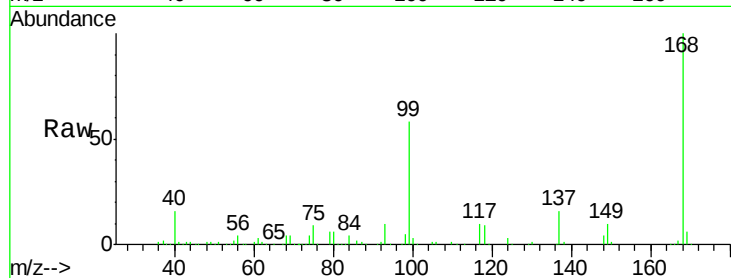
BPS1-TT-MW309D-20190313MS

Tot Ion:168 Resp: 201286

Ion Ratio Lower Upper

168 100

99 57.4 37.6 56.4#

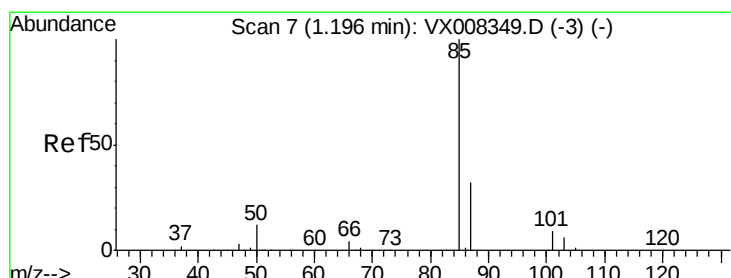
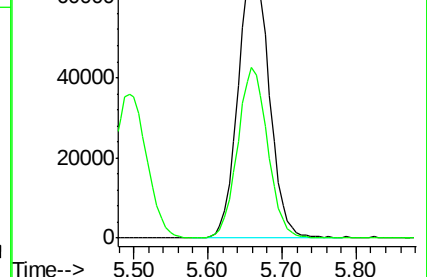
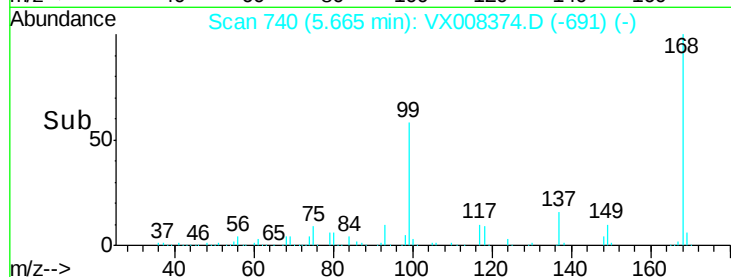


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time-->



#2

Dichlorodifluoromethane

Concen: 47.306 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008374.D

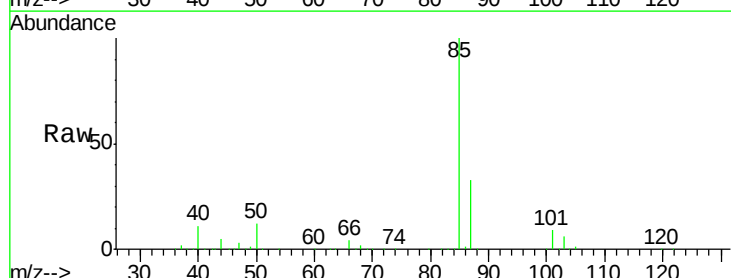
Acq: 24 Mar 2019 00:45

Tgt Ion: 85 Resp: 107793

Ion Ratio Lower Upper

85 100

87 33.0 16.4 49.1

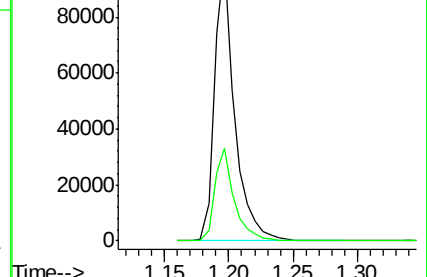
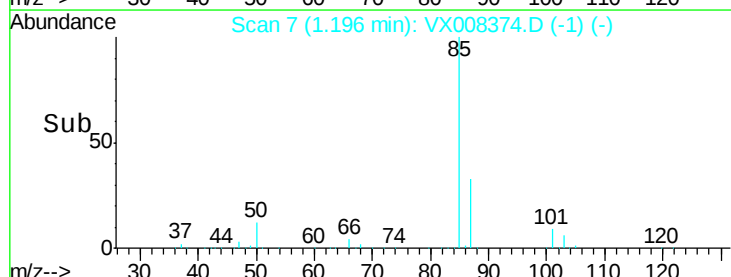


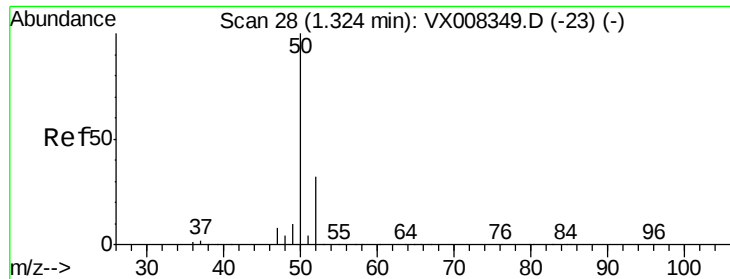
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->





#3

Chloromethane

Concen: 48.459 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

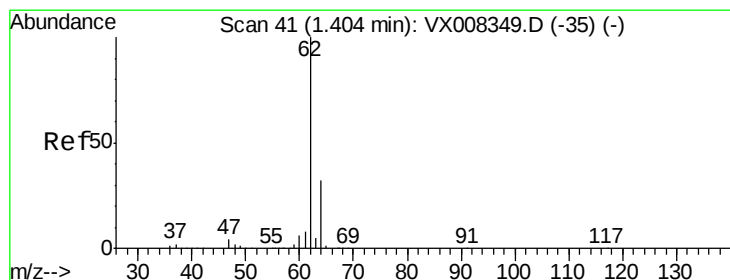
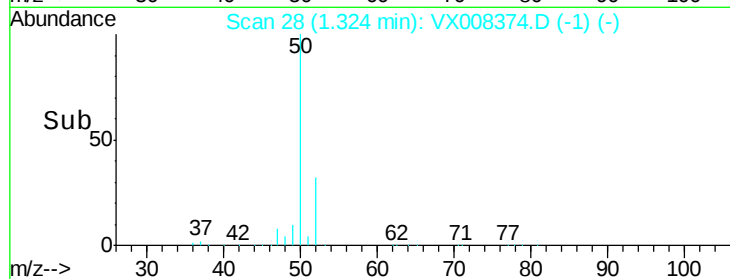
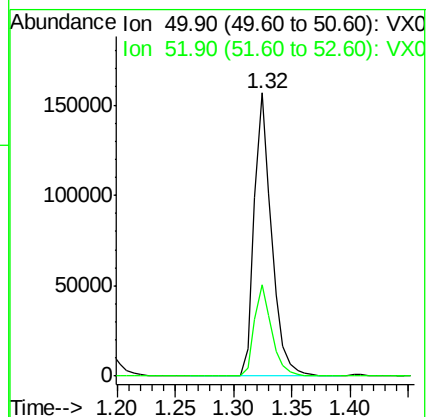
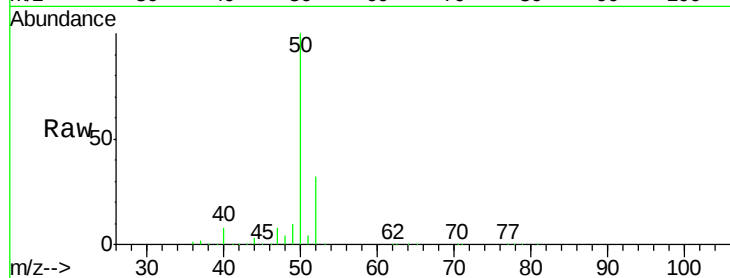
BPS1-TT-MW309D-20190313MS

Tot Ion: 50 Resp: 163688

Ion Ratio Lower Upper

50 100

52 32.3 26.5 39.7



#4

Vinyl Chloride

Concen: 48.259 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX008374.D

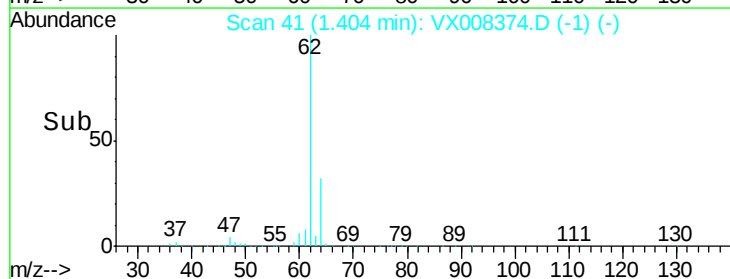
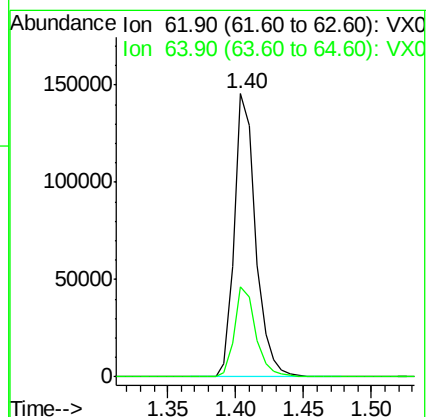
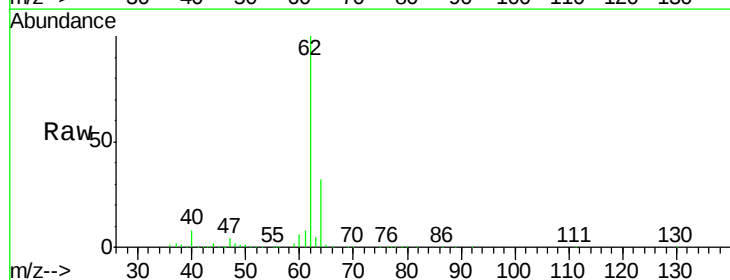
Acq: 24 Mar 2019 00:45

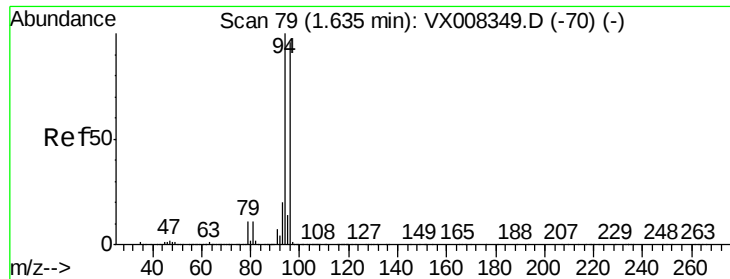
Tgt Ion: 62 Resp: 159103

Ion Ratio Lower Upper

62 100

64 31.9 25.3 37.9





#5

Bromomethane

Concen: 48.598 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

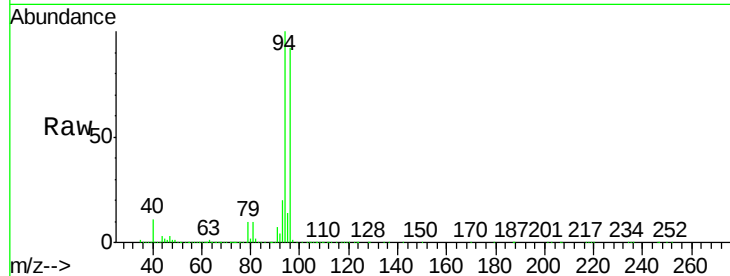
BPS1-TT-MW309D-20190313MS

Tot Ion: 94 Resp: 100893

Ion Ratio Lower Upper

94 100

96 91.8 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

120000

100000

80000

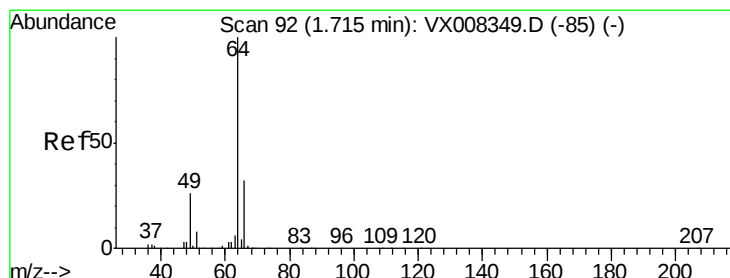
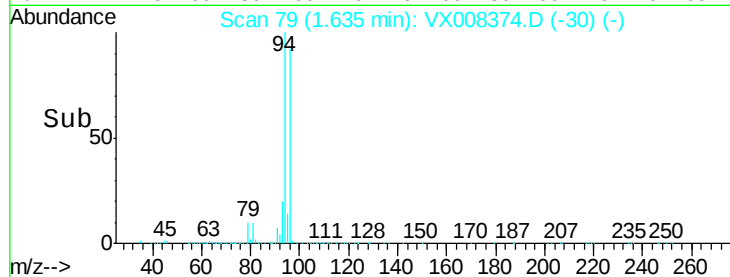
60000

40000

20000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 48.760 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008374.D

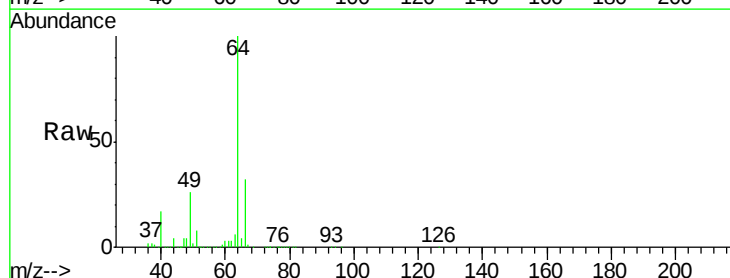
Acq: 24 Mar 2019 00:45

Tgt Ion: 64 Resp: 94149

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

1.71

80000

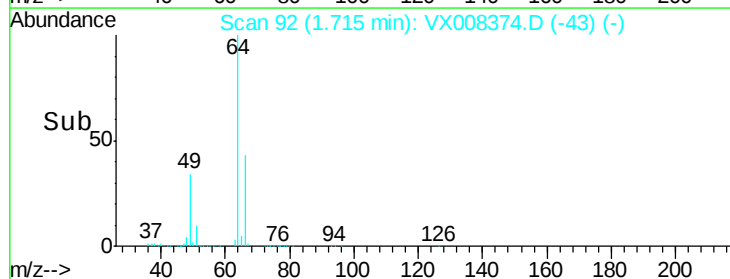
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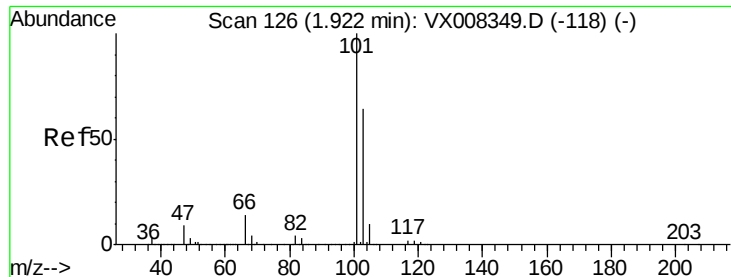
40000

20000

0

Time--> 1.60 1.70 1.80



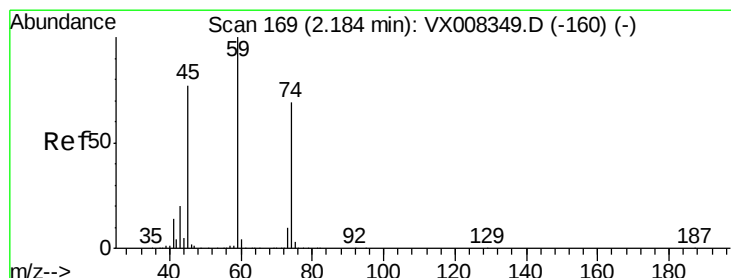
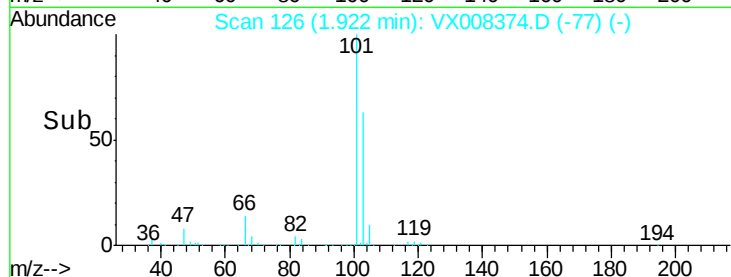
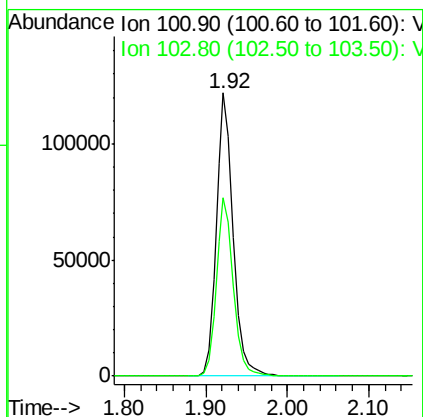
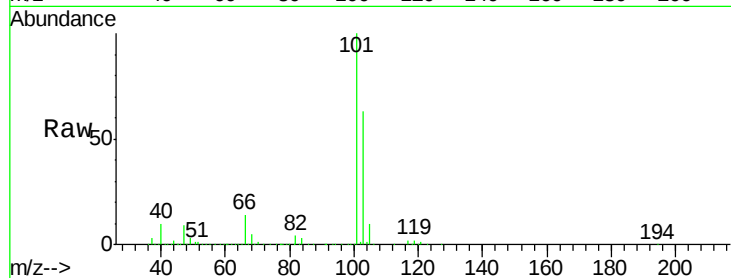


#7

Trichlorofluoromethane
 Concen: 47.204 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX008374.D
 Acq: 24 Mar 2019 00:45

Instrument :
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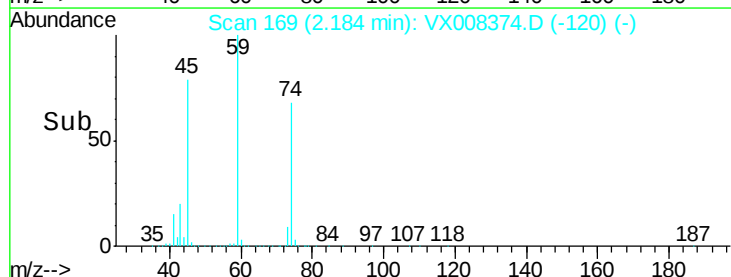
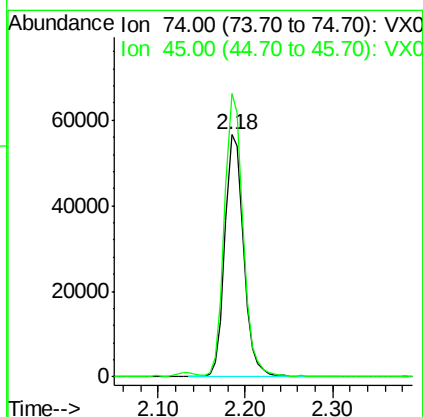
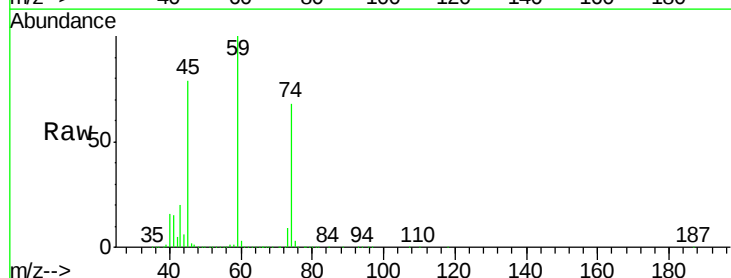
Tot Ion:101 Resp: 176980
 Ion Ratio Lower Upper
 101 100
 103 62.9 50.4 75.6

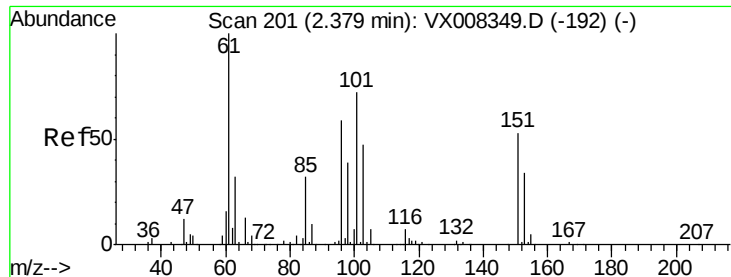


#8

Diethyl Ether
 Concen: 46.827 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX008374.D
 Acq: 24 Mar 2019 00:45

Tgt Ion: 74 Resp: 84063
 Ion Ratio Lower Upper
 74 100
 45 115.5 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.085 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313MS

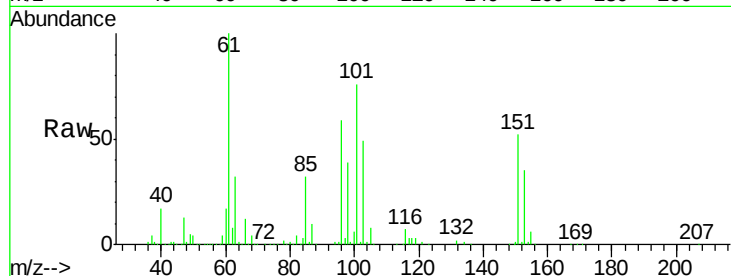
Tot Ion:101 Resp: 102353

Ion Ratio Lower Upper

101 100

85 45.0 33.8 50.6

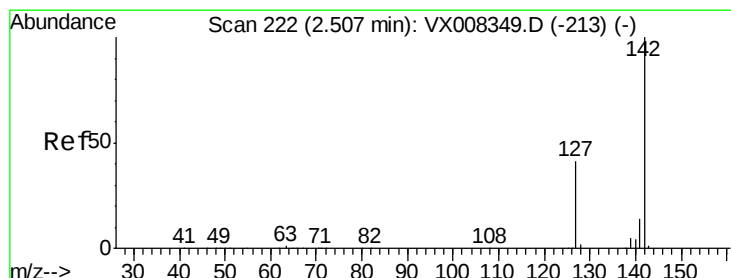
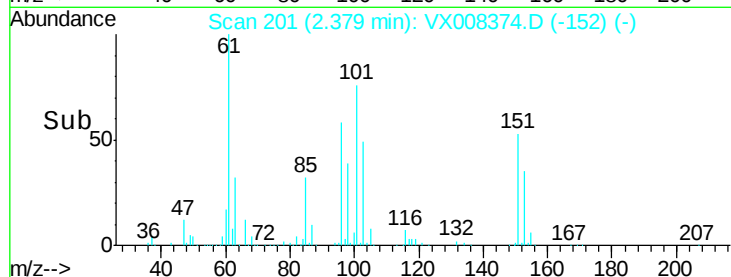
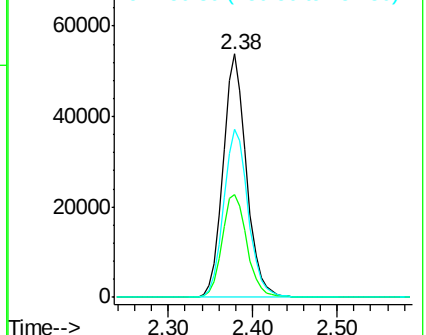
151 72.6 69.1 103.7



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: 48.898 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

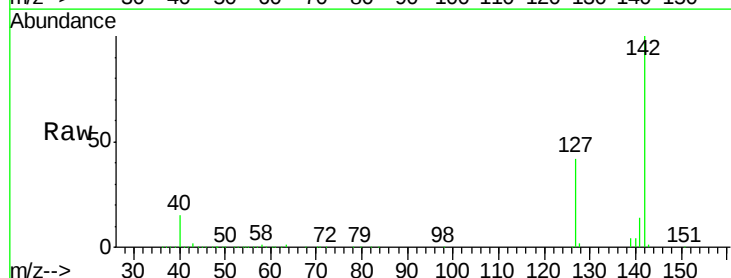
Tgt Ion:142 Resp: 137783

Ion Ratio Lower Upper

142 100

127 42.0 32.1 48.1

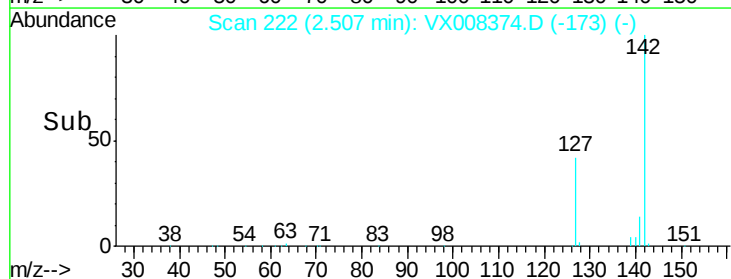
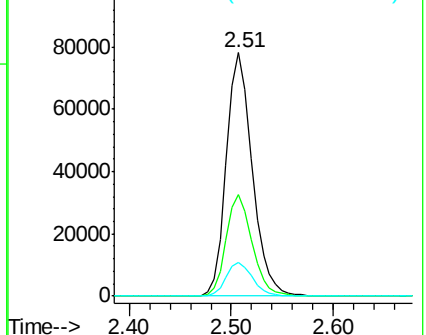
141 14.2 11.4 17.2

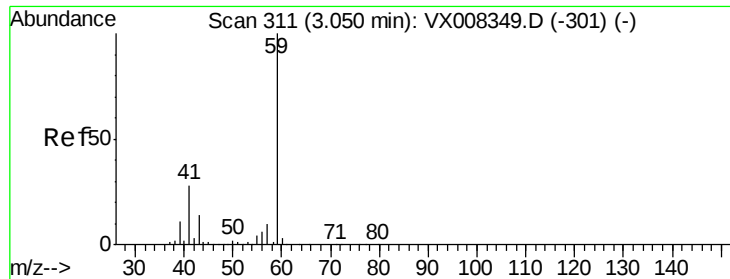


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

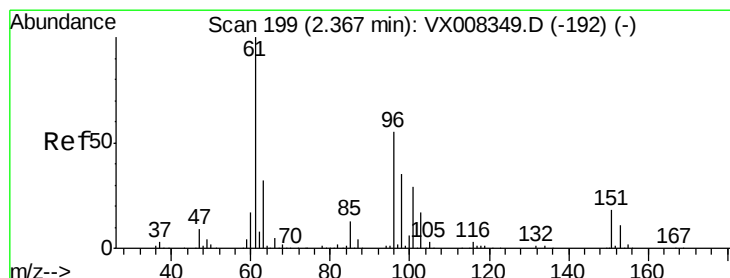
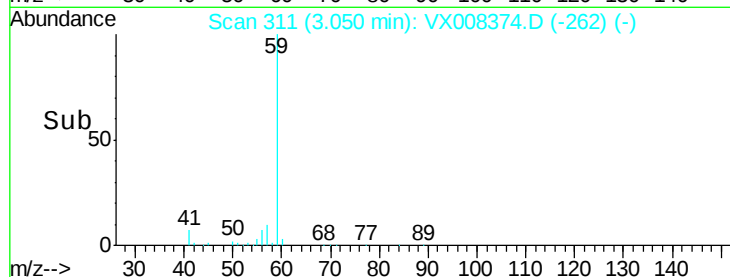
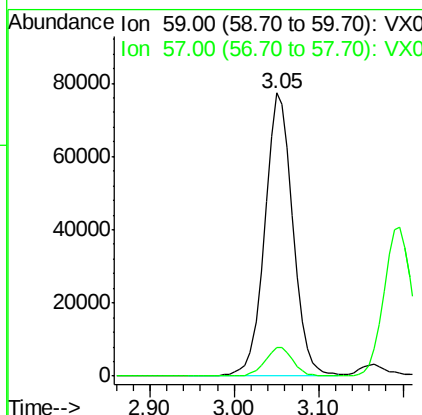
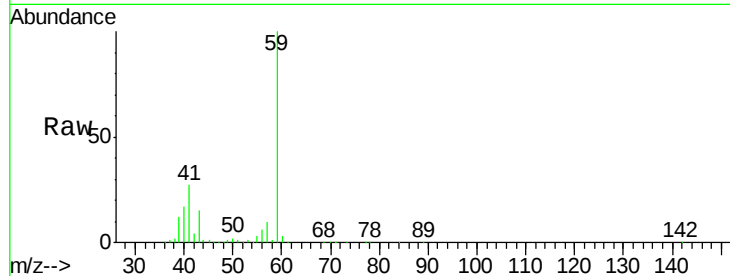




#11
Tert butyl alcohol
Concen: 260.022 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

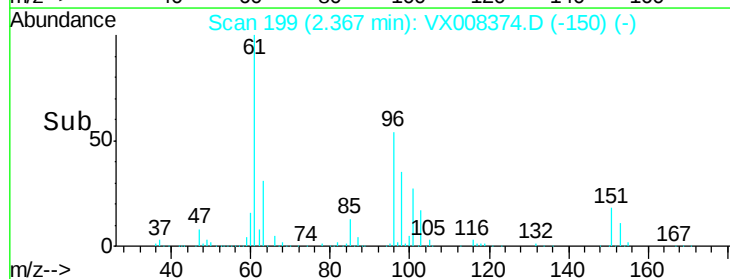
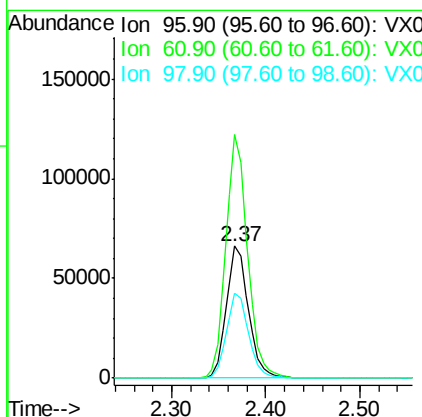
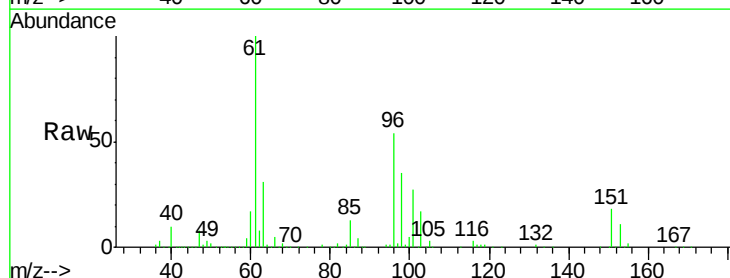
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW309D-20190313MS

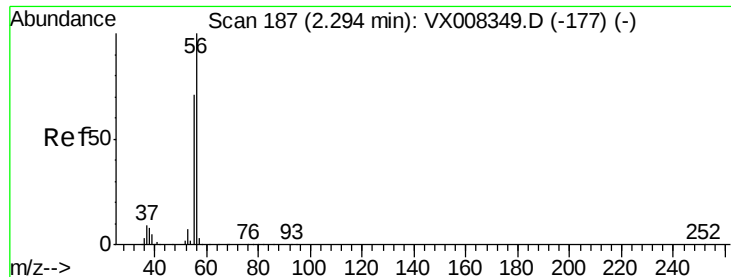
Tot Ion: 59 Resp: 177807
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.2



#12
1,1-Dichloroethene
Concen: 46.932 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

Tgt Ion: 96 Resp: 107597
Ion Ratio Lower Upper
96 100
61 184.3 129.8 194.6
98 64.0 51.0 76.6





#13

Acrolein

Concen: 216.276 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

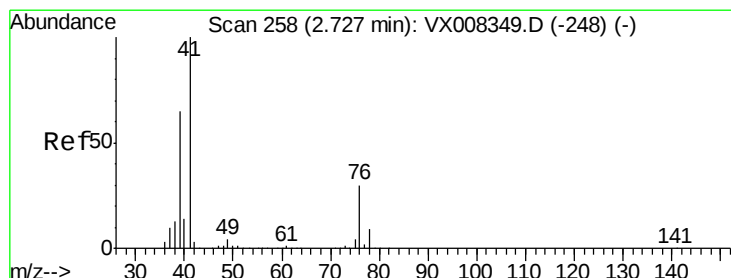
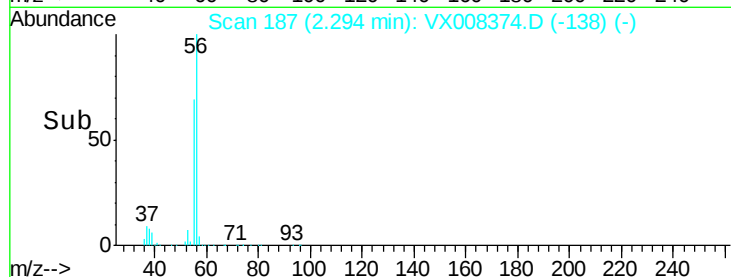
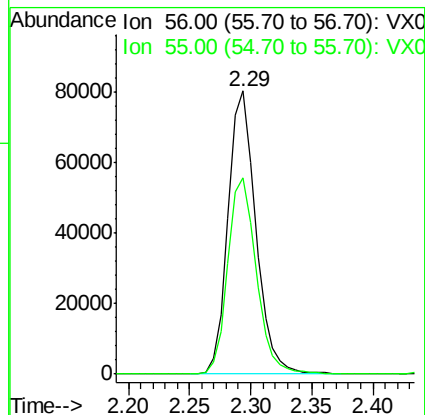
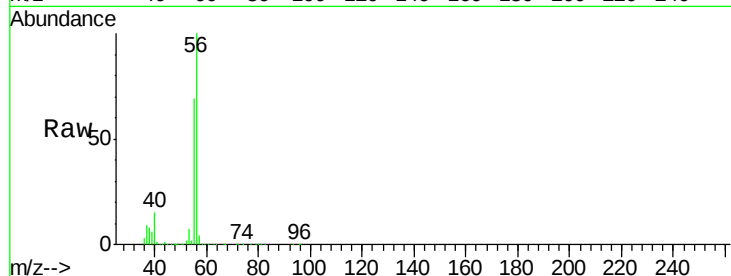
BPS1-TT-MW309D-20190313MS

Tot Ion: 56 Resp: 126378

Ion Ratio Lower Upper

56 100

55 71.4 57.8 86.6



#14

Allyl chloride

Concen: 46.708 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

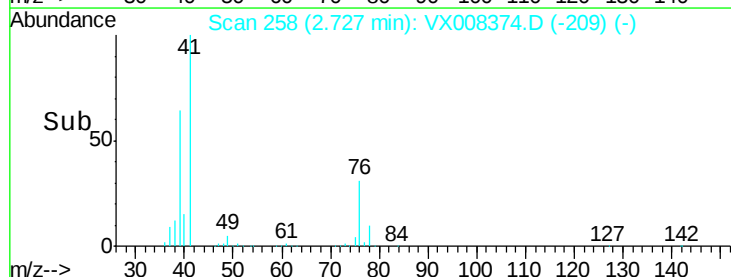
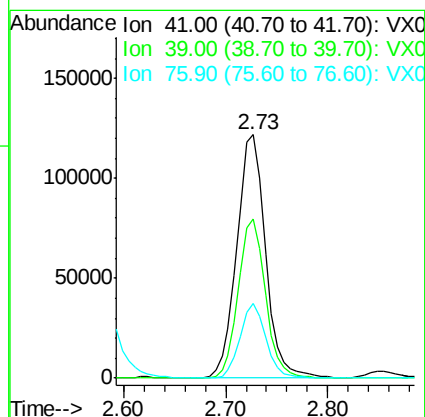
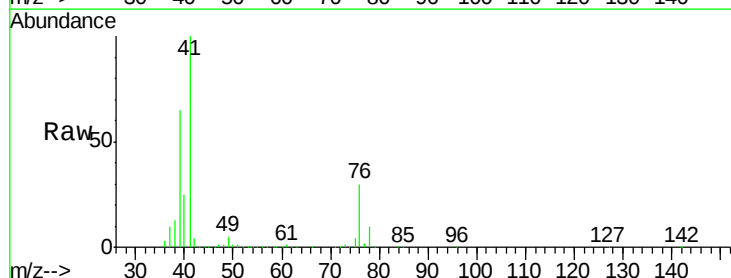
Tgt Ion: 41 Resp: 236893

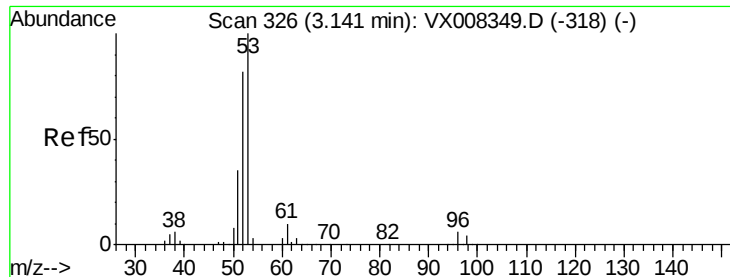
Ion Ratio Lower Upper

41 100

39 61.9 46.1 69.1

76 27.7 24.0 36.0





#15

Acrylonitrile

Concen: 244.640 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313MS

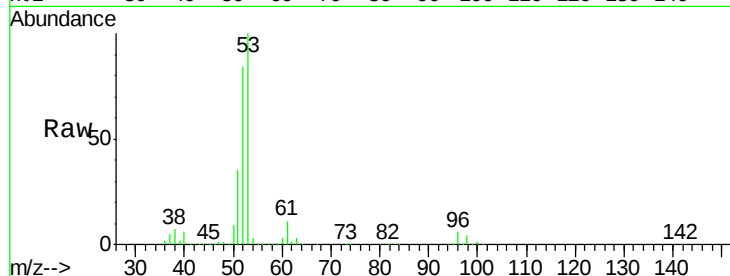
Tot Ion: 53 Resp: 428399

Ion Ratio Lower Upper

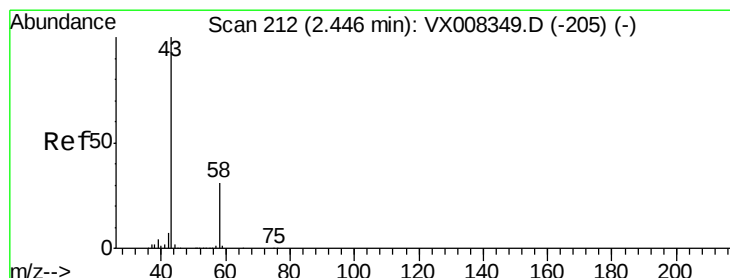
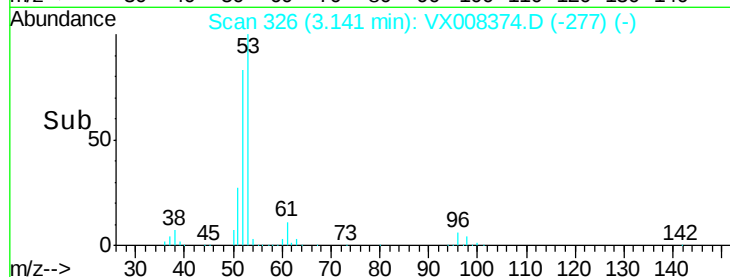
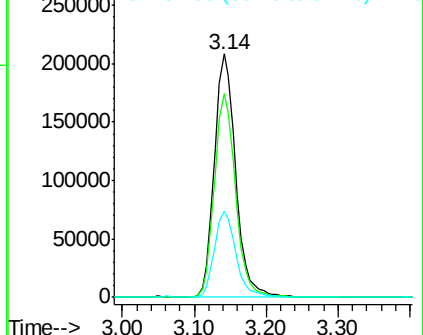
53 100

52 83.0 66.0 99.0

51 35.8 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: 241.117 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008374.D

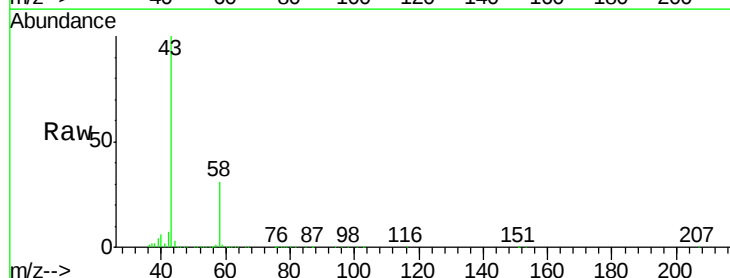
Acq: 24 Mar 2019 00:45

Tgt Ion: 43 Resp: 369998

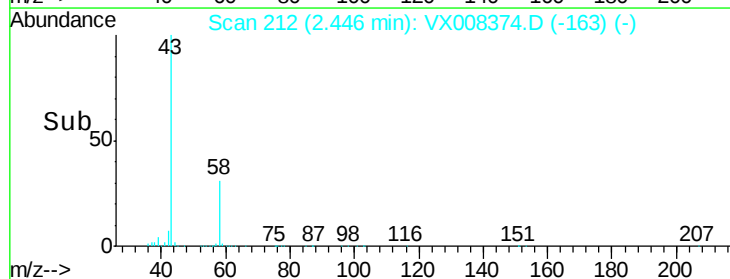
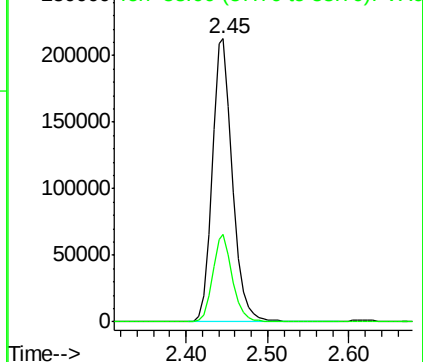
Ion Ratio Lower Upper

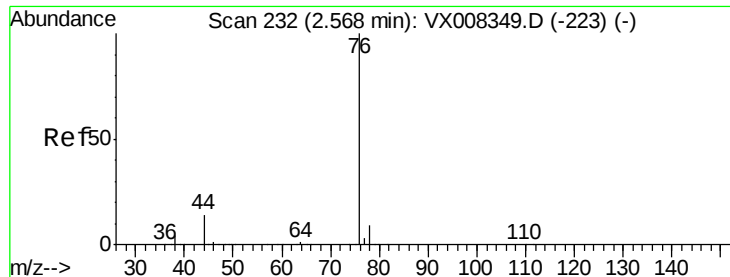
43 100

58 30.8 25.5 38.3



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

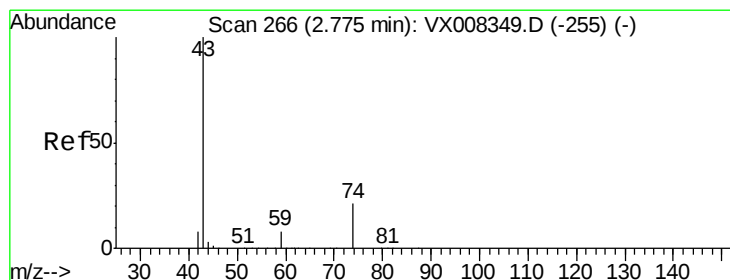
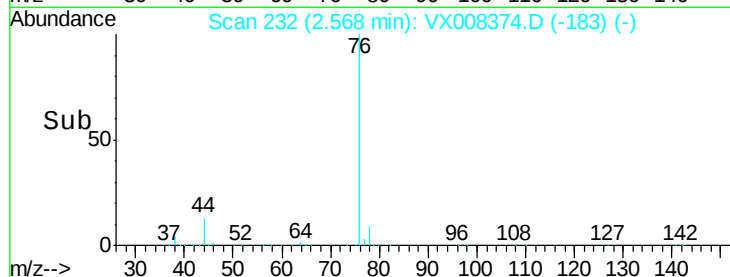
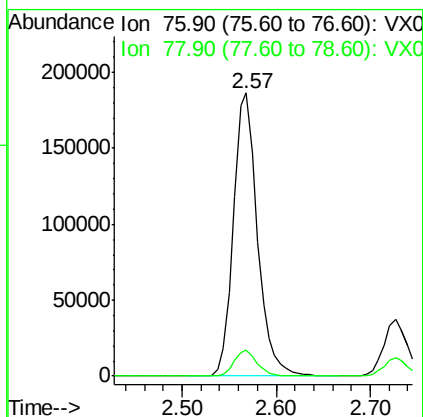
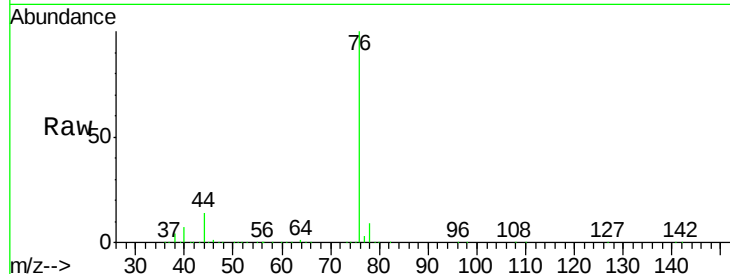




#17
Carbon Disulfide
Concen: 45.158 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

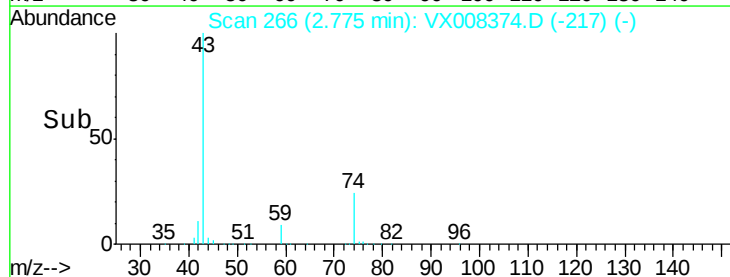
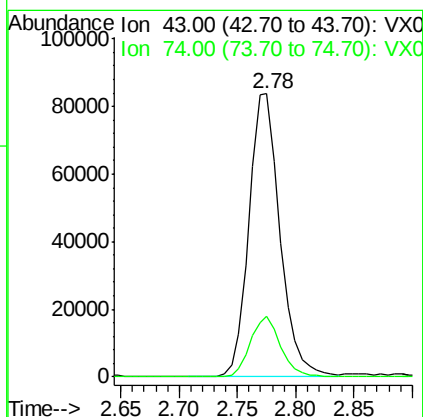
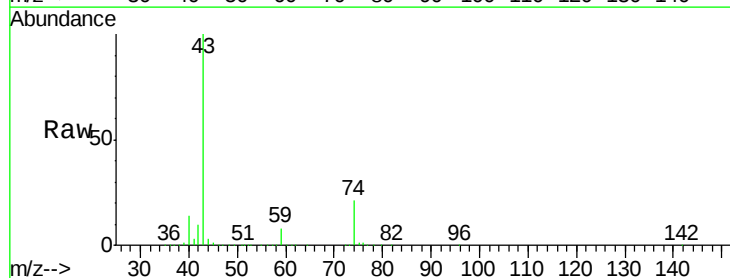
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW309D-20190313MS

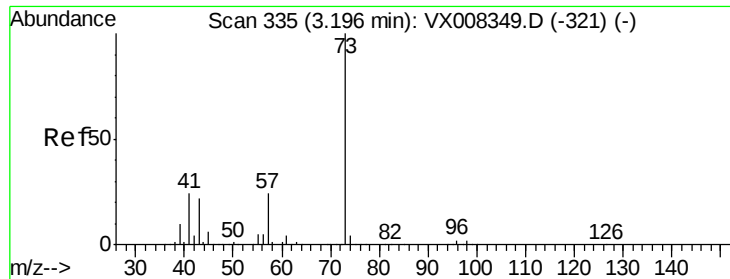
Tot Ion: 76 Resp: 331050
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 40.450 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

Tgt Ion: 43 Resp: 155369
Ion Ratio Lower Upper
43 100
74 21.2 17.8 26.6

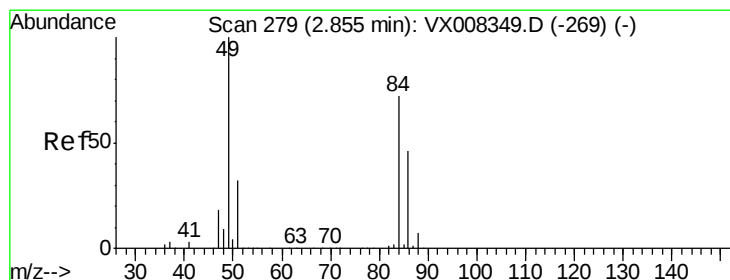
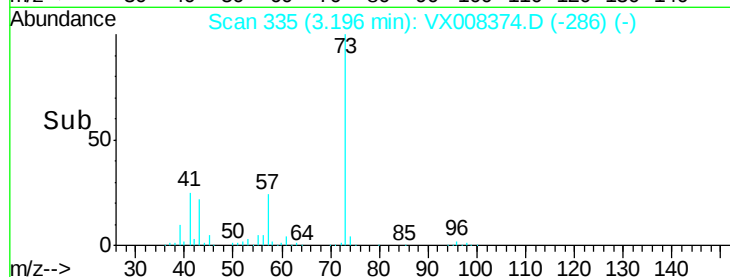
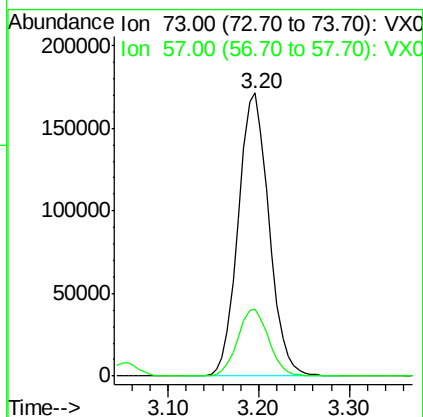
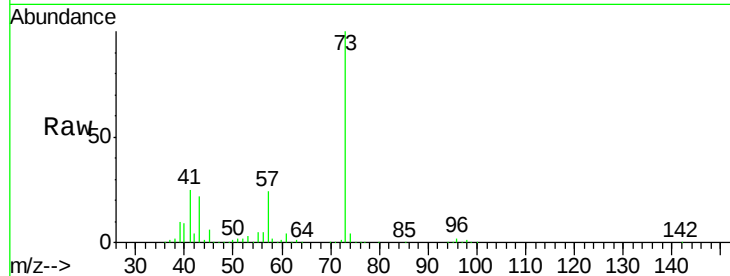




#19
Methvl tert-butvl Ether
Concen: 48.782 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

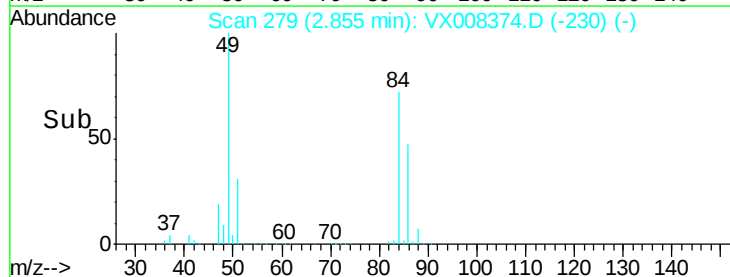
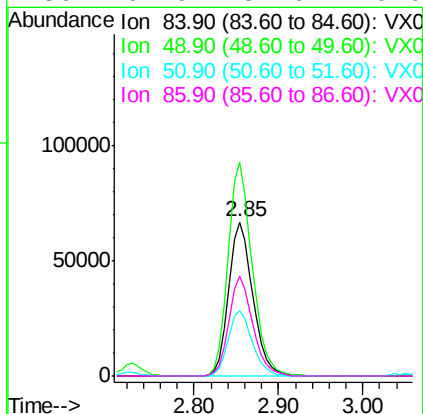
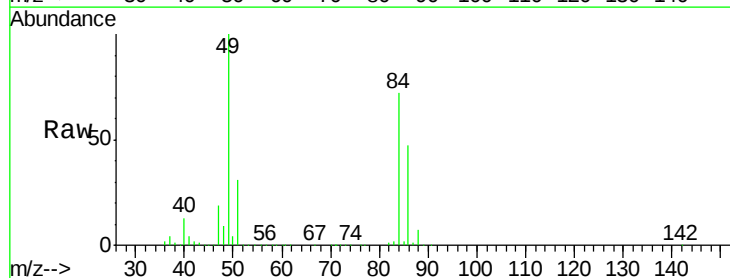
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW309D-20190313MS

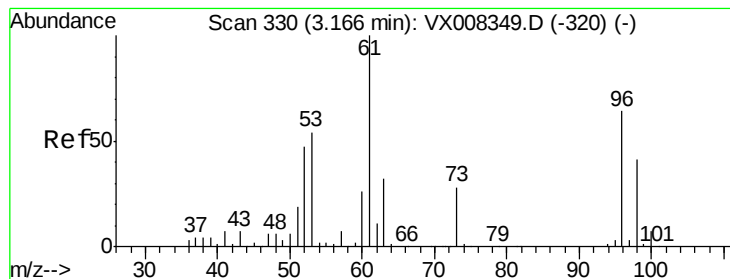
Tot Ion: 73 Resp: 402800
Ion Ratio Lower Upper
73 100
57 23.7 18.2 27.4



#20
Methylene Chloride
Concen: 47.152 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

Tgt Ion: 84 Resp: 130256
Ion Ratio Lower Upper
84 100
49 139.0 99.3 148.9
51 42.6 31.3 46.9
86 64.9 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 46.057 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313MS

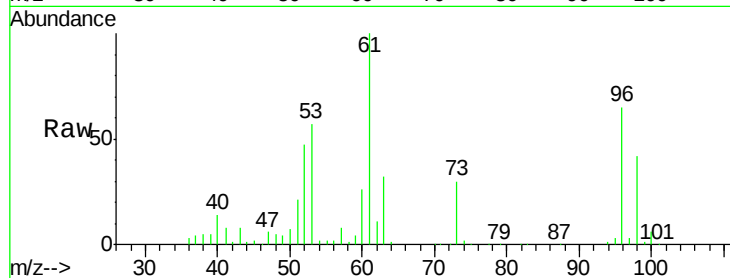
Tot Ion: 96 Resp: 114333

Ion Ratio Lower Upper

96 100

61 154.9 114.4 171.6

98 64.7 51.1 76.7

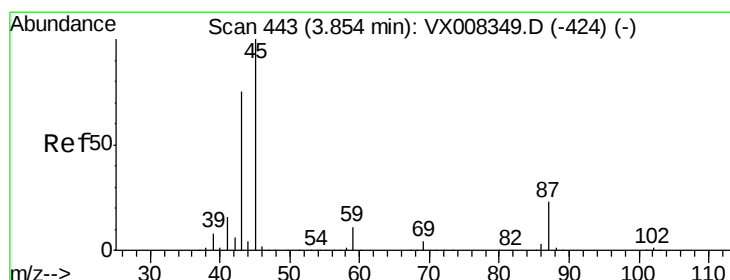
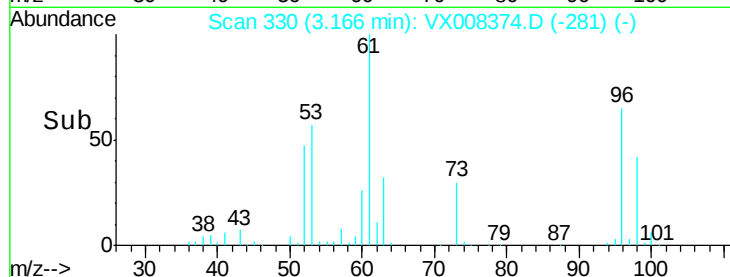
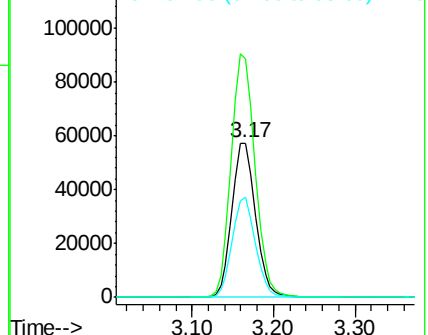


Abundance

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: 48.536 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Tgt Ion: 45 Resp: 479293

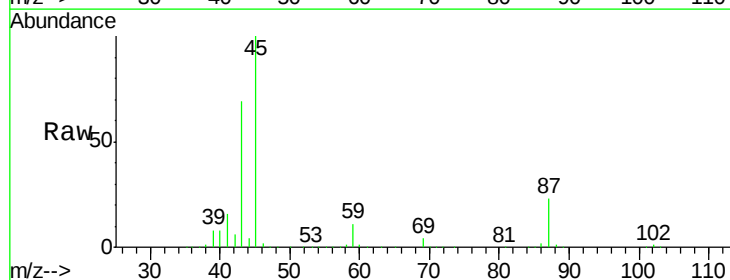
Ion Ratio Lower Upper

45 100

43 68.5 45.3 67.9#

87 23.2 21.4 32.0

59 10.9 9.5 14.3



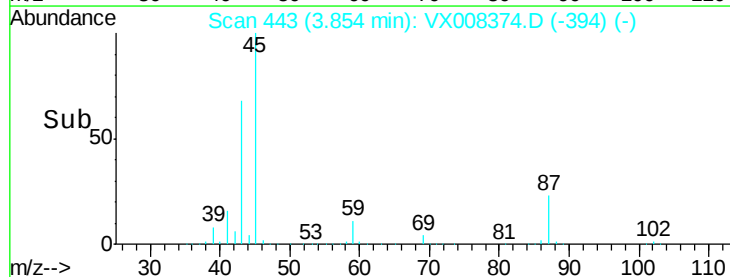
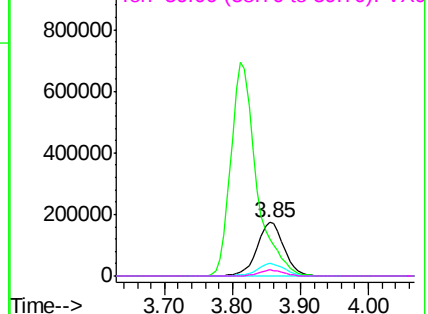
Abundance

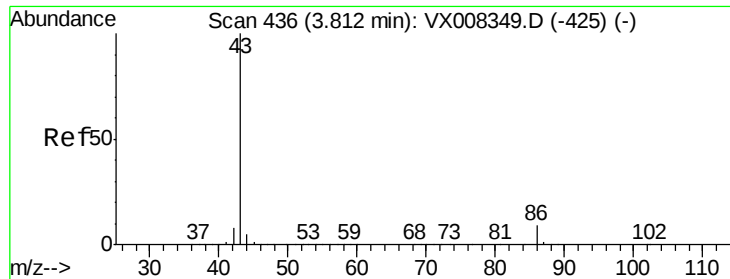
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 208.247 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

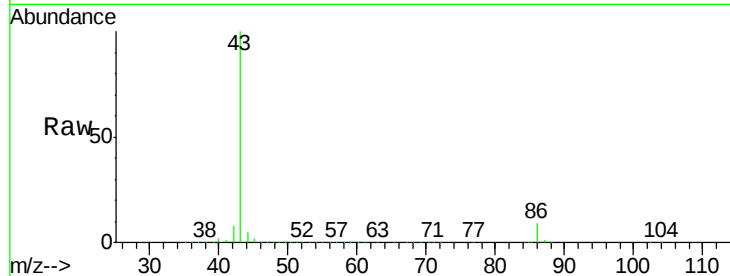
BPS1-TT-MW309D-20190313MS

Tot Ion: 43 Resp: 1815667

Ion Ratio Lower Upper

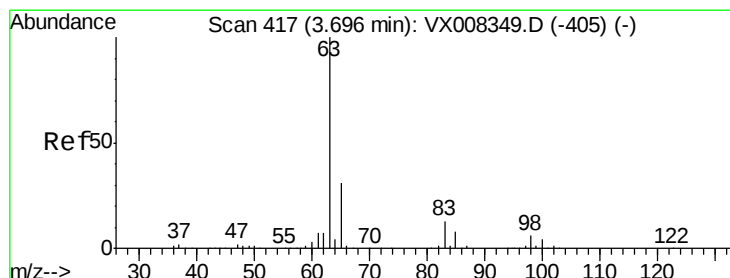
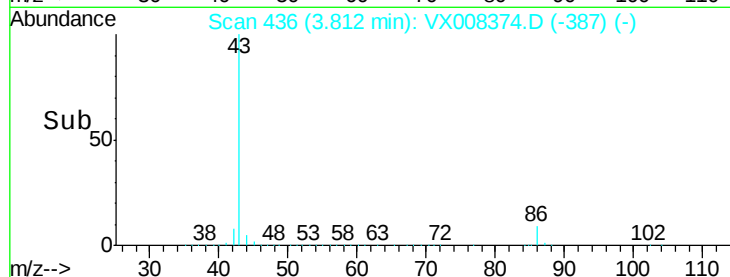
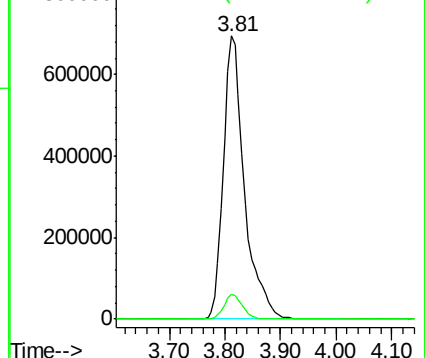
43 100

86 8.7 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.158 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

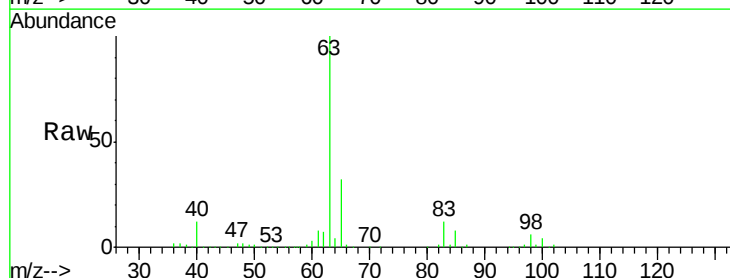
Tgt Ion: 63 Resp: 242465

Ion Ratio Lower Upper

63 100

98 5.7 3.3 9.8

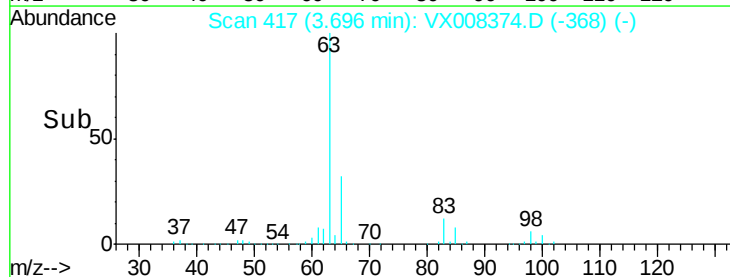
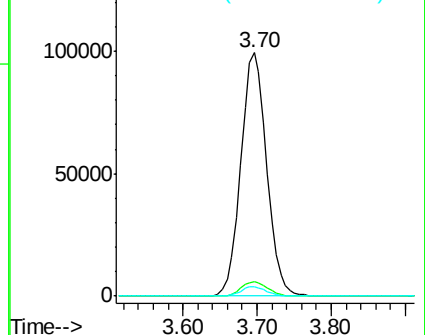
100 3.9 2.3 6.8

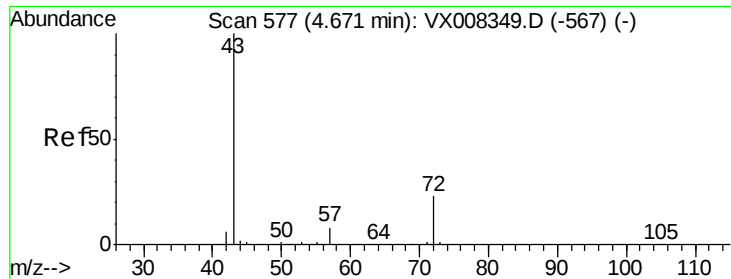


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 247.314 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

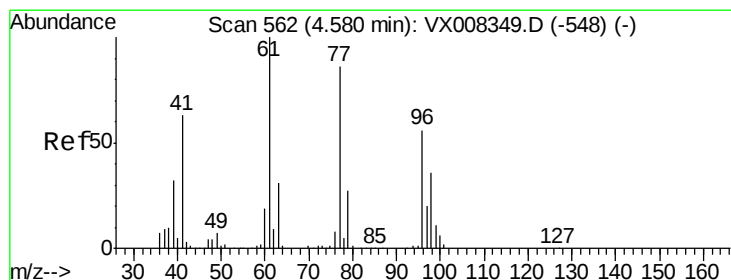
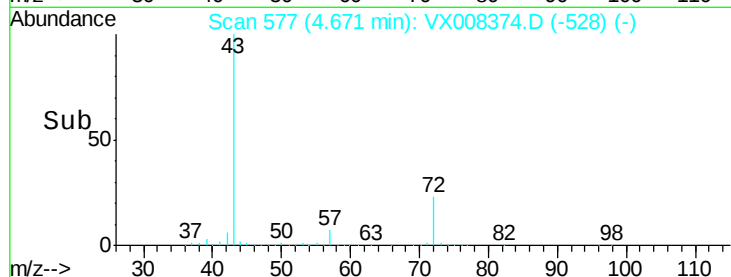
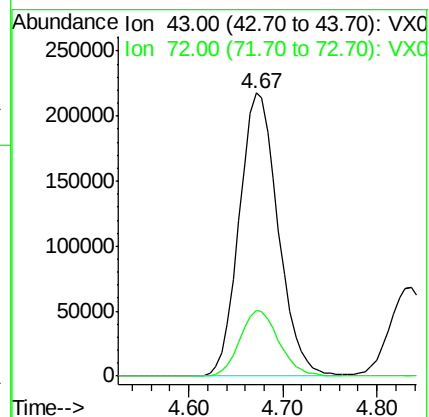
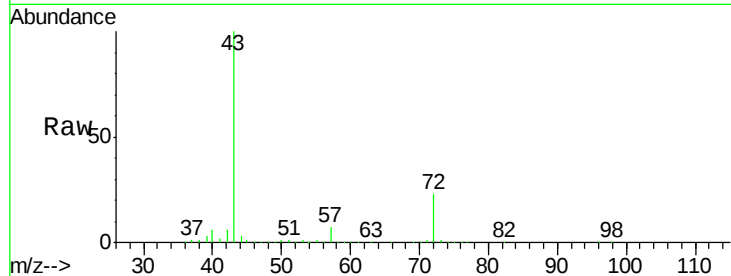
BPS1-TT-MW309D-20190313MS

Tot Ion: 43 Resp: 624902

Ion Ratio Lower Upper

43 100

72 23.1 19.9 29.9



#26

2,2-Dichloropropane

Concen: 37.939 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX008374.D

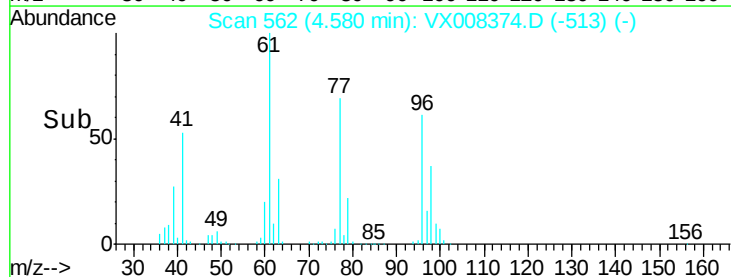
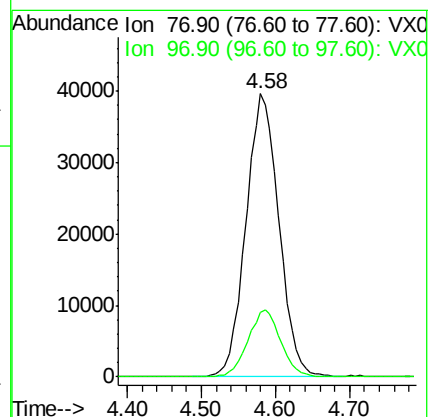
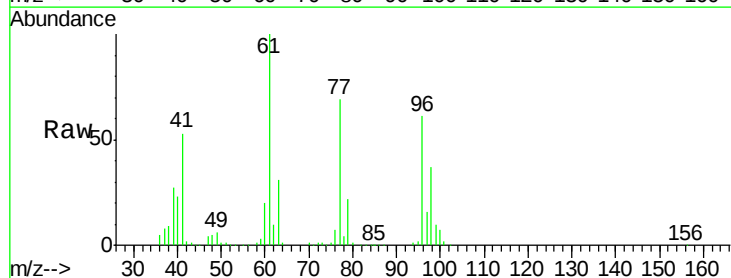
Acq: 24 Mar 2019 00:45

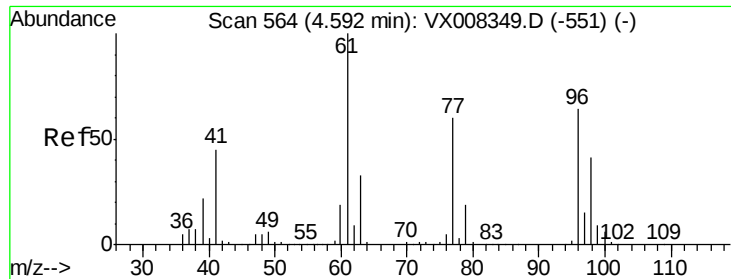
Tgt Ion: 77 Resp: 123065

Ion Ratio Lower Upper

77 100

97 23.6 12.2 36.6



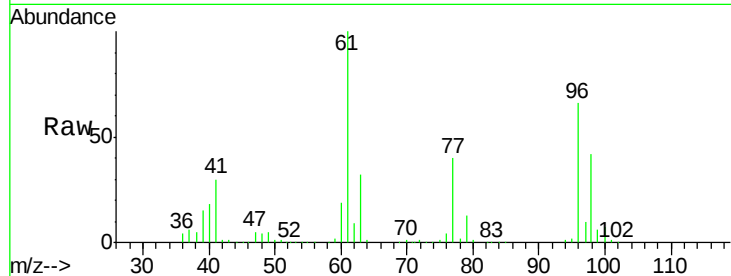


#27

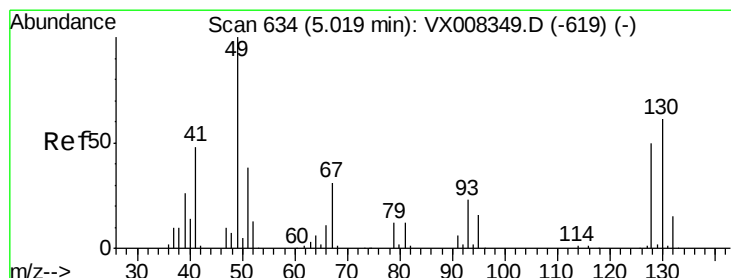
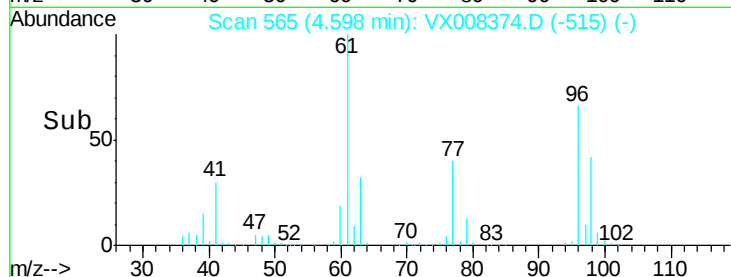
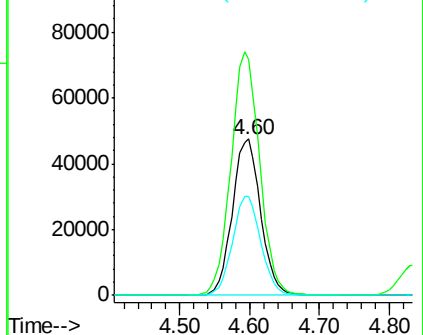
cis-1,2-Dichloroethene
Concen: 47.038 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW309D-20190313MS

Tot Ion: 96 Resp: 133742
Ion Ratio Lower Upper
96 100
61 157.9 0.0 288.0
98 63.5 0.0 129.0



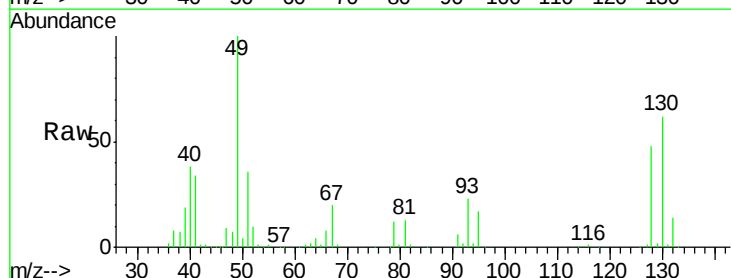
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



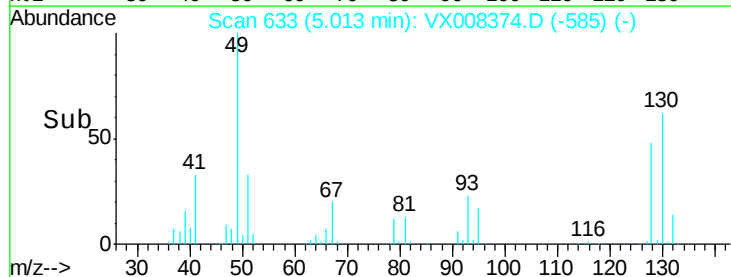
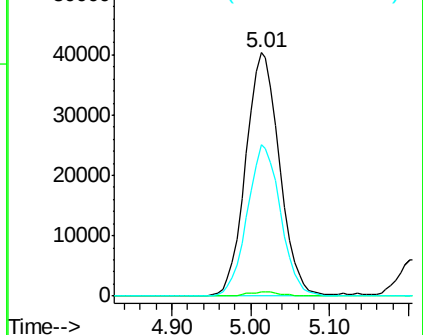
#28

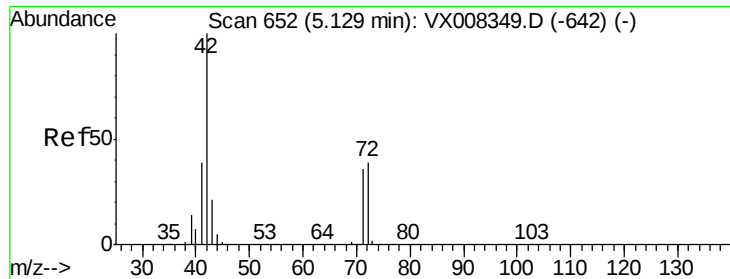
Bromochloromethane
Concen: 47.995 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

Tgt Ion: 49 Resp: 120630
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.0
130 61.3 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

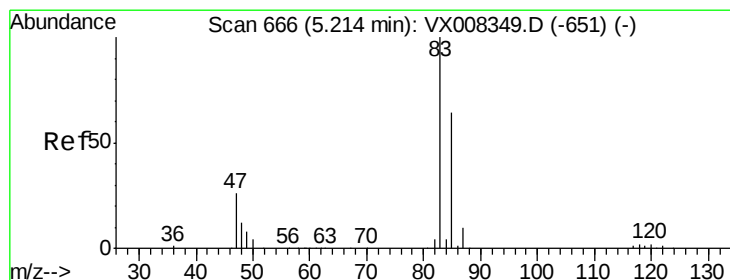
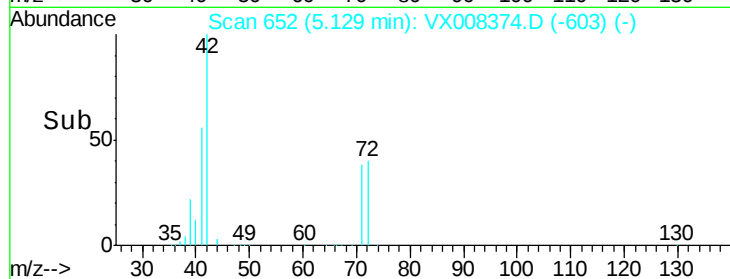
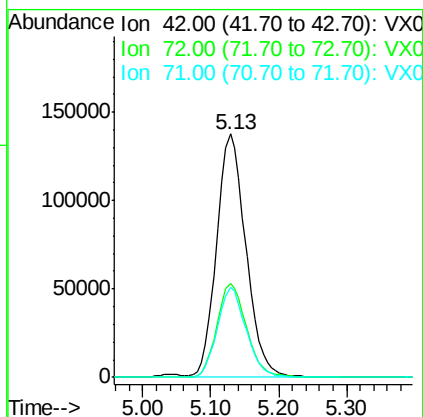
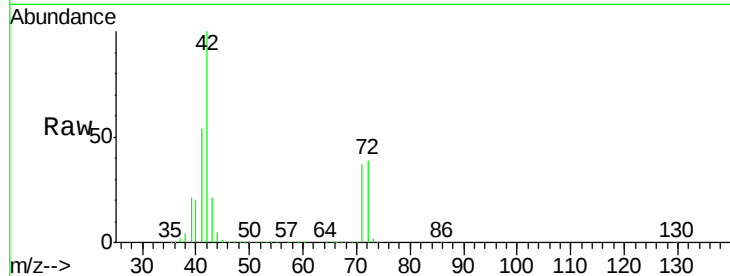




#29
Tetrahydrofuran
Concen: 244.647 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

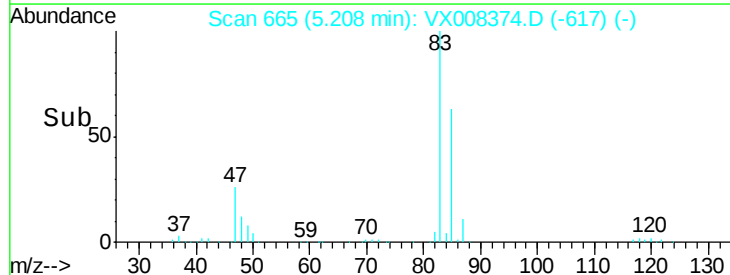
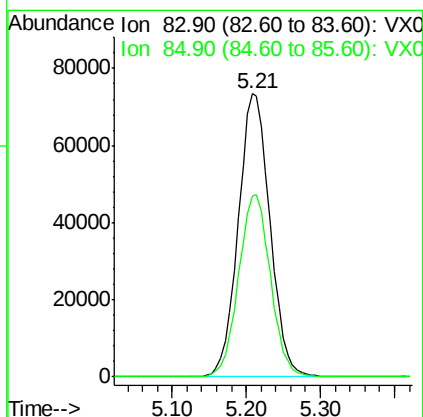
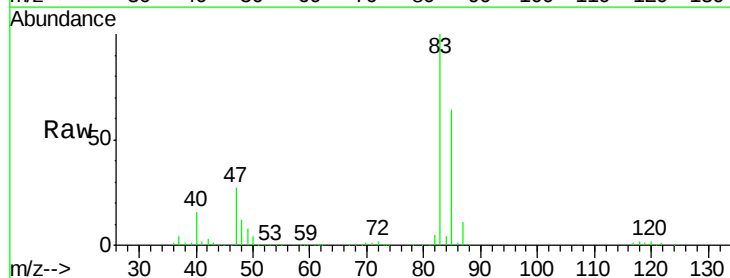
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW309D-20190313MS

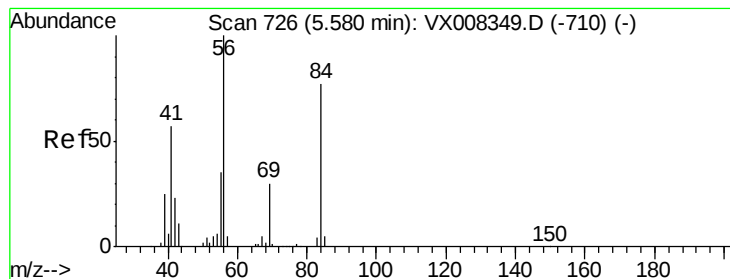
Tot Ion: 42 Resp: 410452
Ion Ratio Lower Upper
42 100
72 39.3 33.8 50.6
71 36.7 31.5 47.3



#30
Chloroform
Concen: 48.333 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

Tgt Ion: 83 Resp: 219398
Ion Ratio Lower Upper
83 100
85 64.0 51.8 77.6





#31

Cyclohexane

Concen: 47.507 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313MS

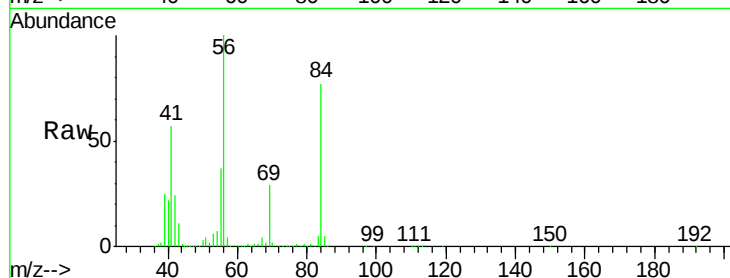
Tot Ion: 56 Resp: 229362

Ion Ratio Lower Upper

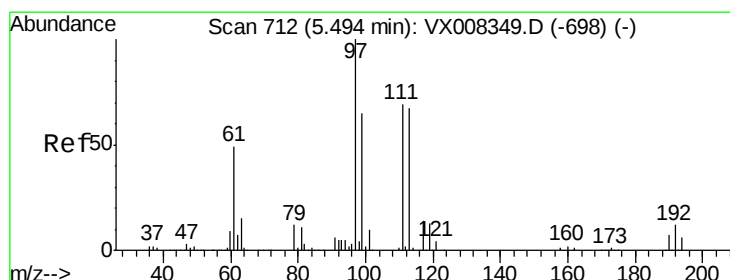
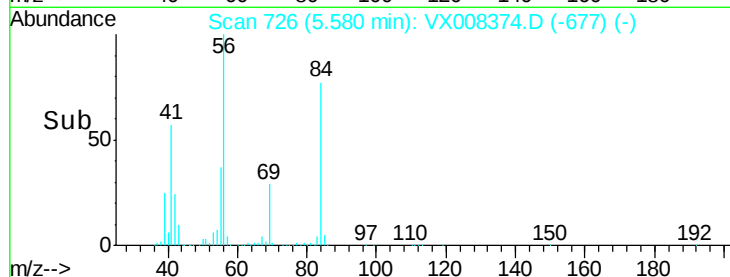
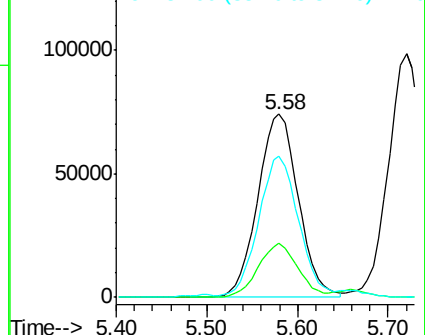
56 100

69 29.3 24.0 36.0

84 75.9 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: 48.768 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

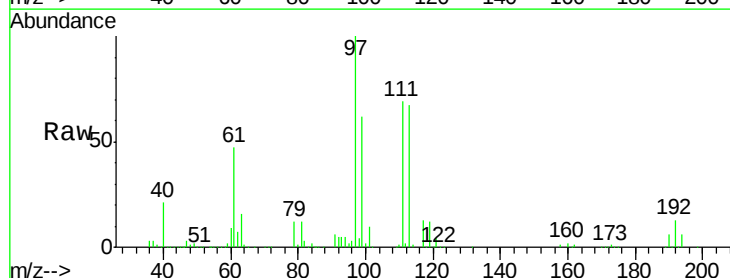
Tgt Ion: 97 Resp: 175141

Ion Ratio Lower Upper

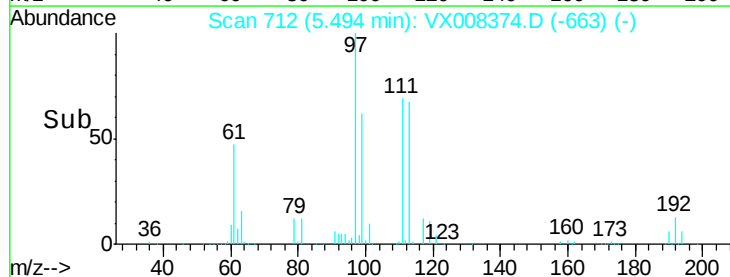
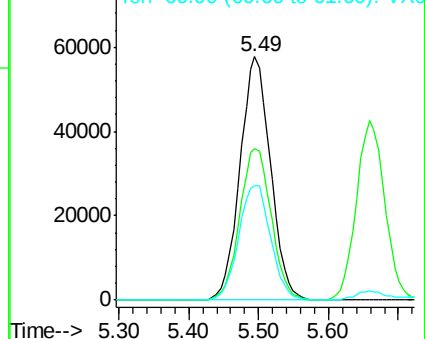
97 100

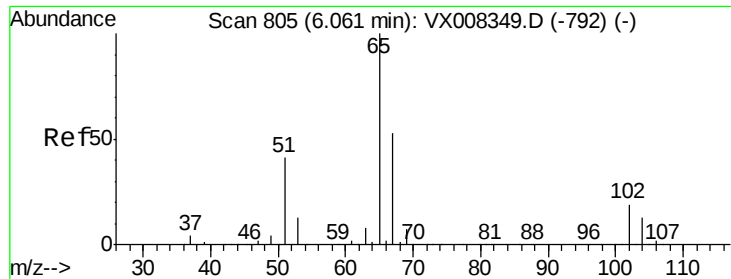
99 64.4 52.2 78.2

61 49.5 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: 48.925 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

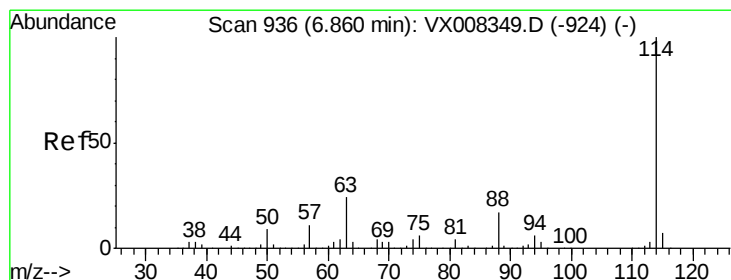
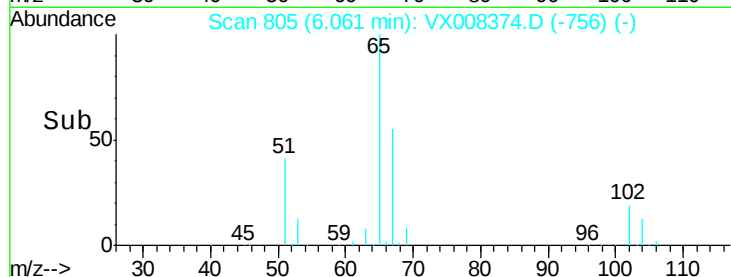
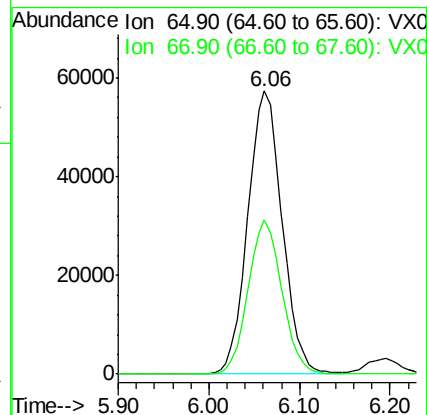
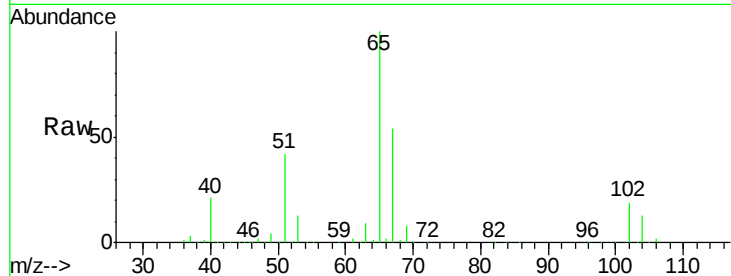
BPS1-TT-MW309D-20190313MS

Tot Ion: 65 Resp: 150202

Ion Ratio Lower Upper

65 100

67 53.7 0.0 110.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

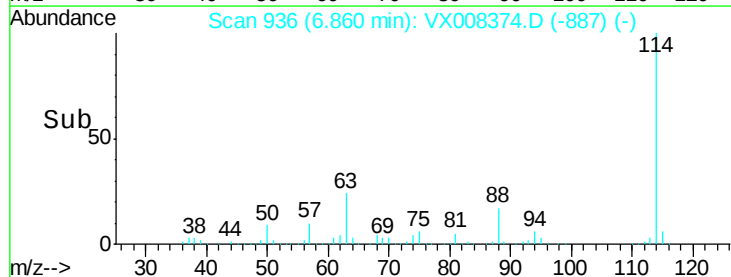
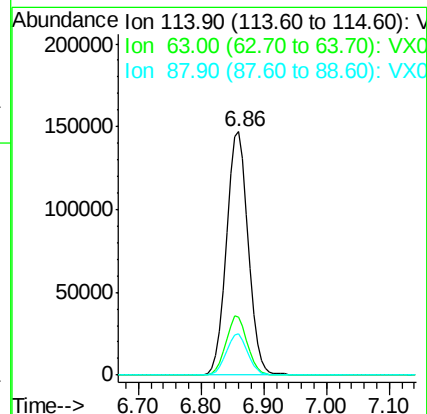
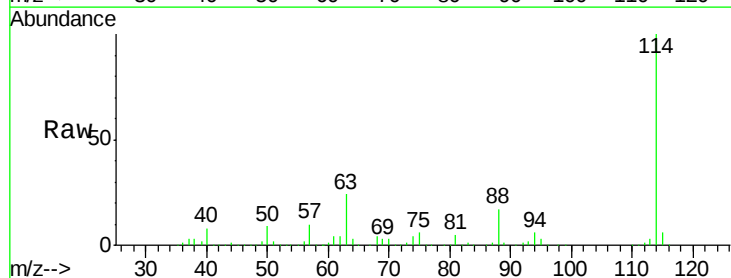
Tgt Ion: 114 Resp: 352536

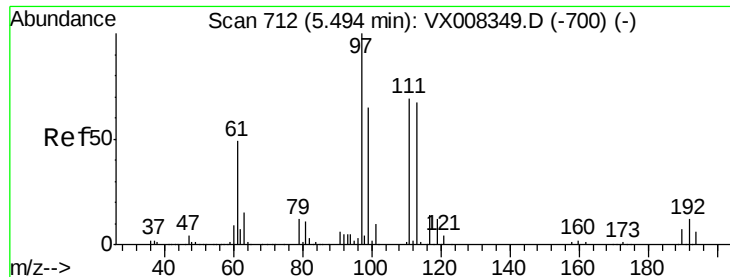
Ion Ratio Lower Upper

114 100

63 23.7 0.0 39.8

88 16.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.840 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313MS

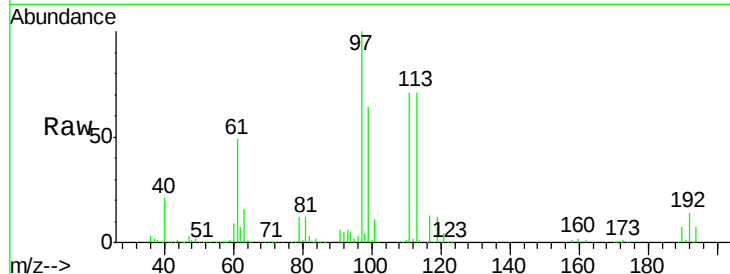
Tot Ion:113 Resp: 111553

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

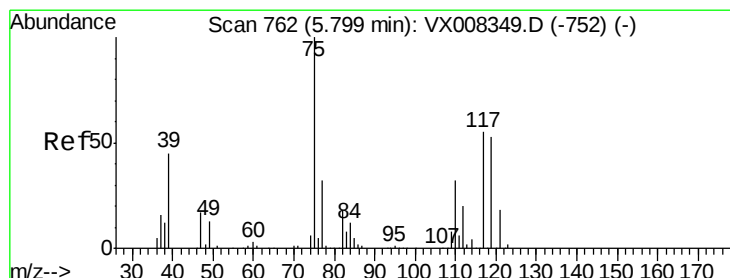
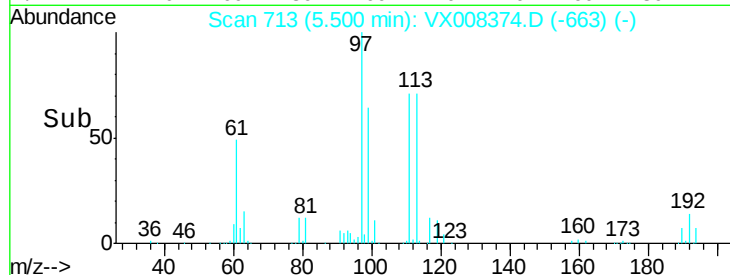
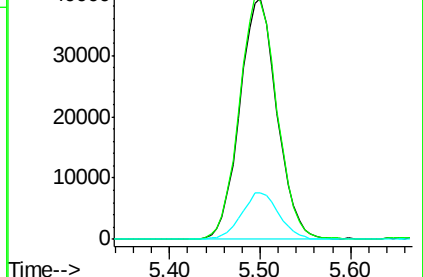
192 19.6 19.4 29.0



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: 47.719 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

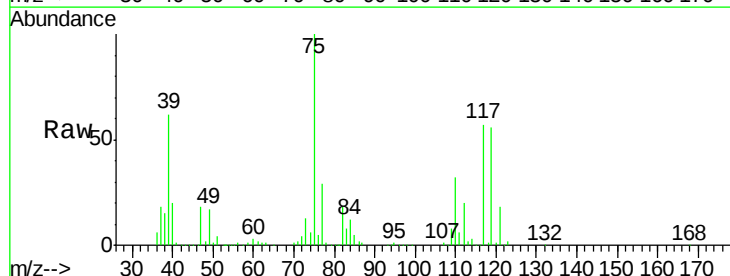
Tgt Ion: 75 Resp: 171904

Ion Ratio Lower Upper

75 100

110 32.3 18.4 55.0

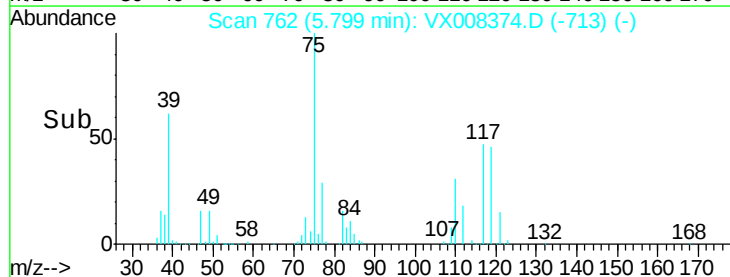
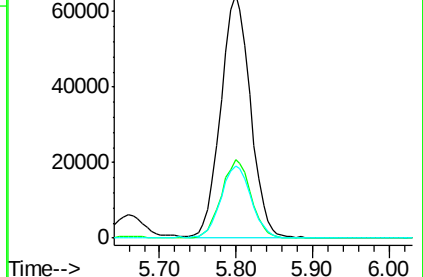
77 30.3 25.0 37.4

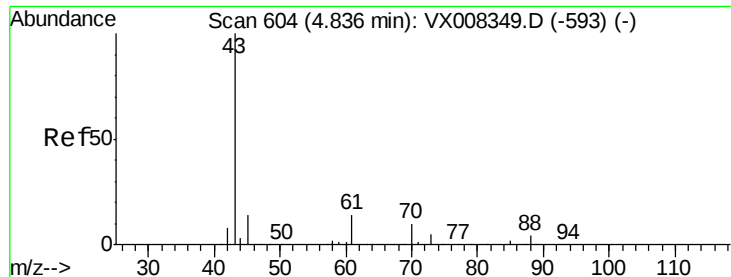


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

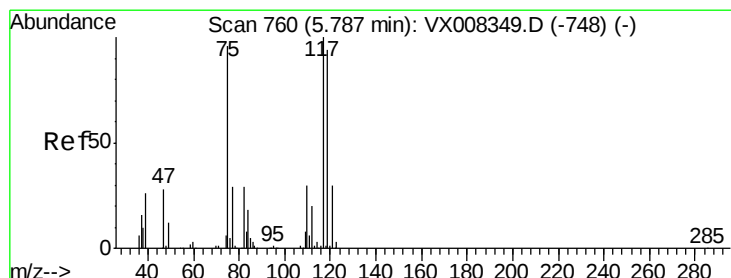
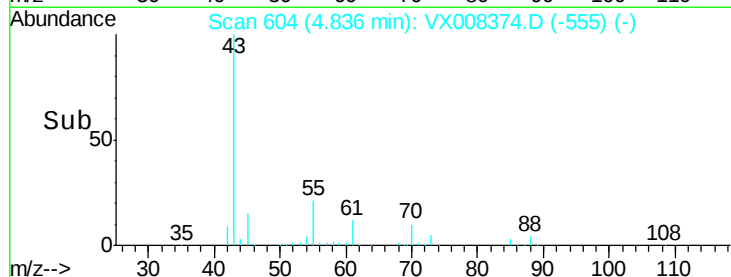
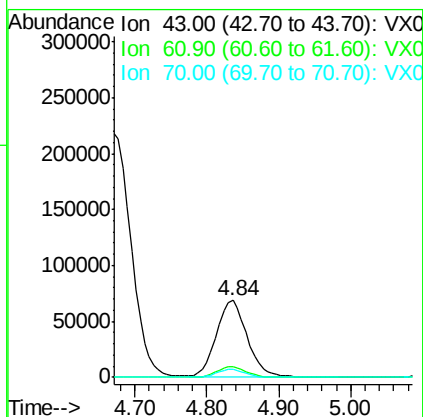
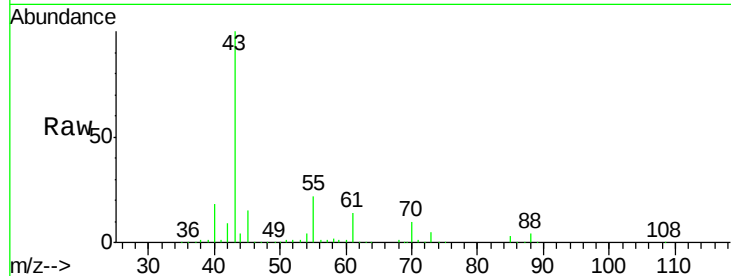




#37
Ethyl Acetate
Concen: 41.792 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

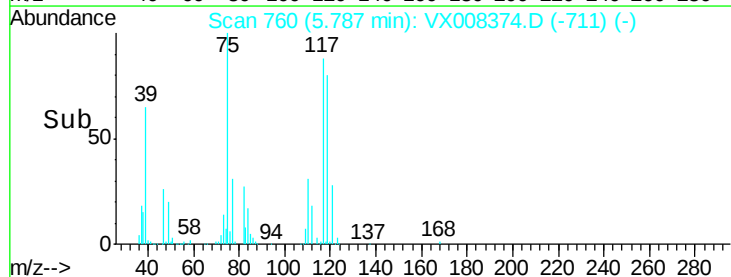
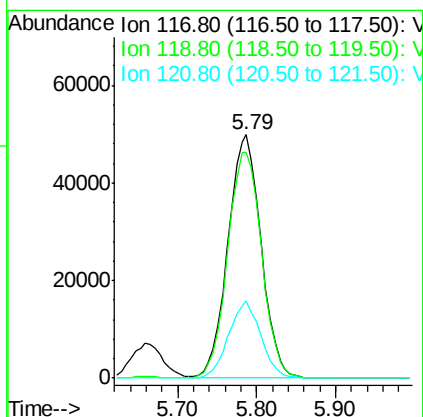
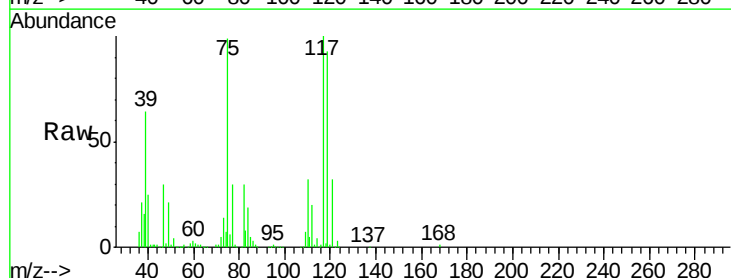
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW309D-20190313MS

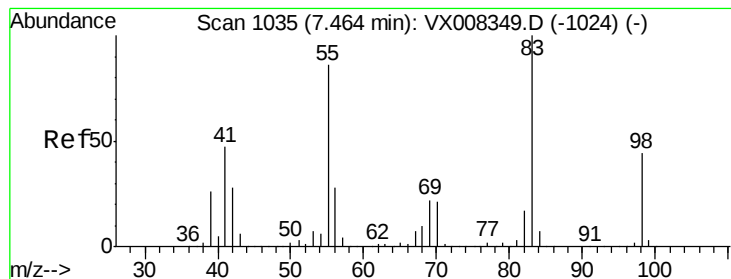
Tot Ion: 43 Resp: 203754
Ion Ratio Lower Upper
43 100
61 13.0 11.3 16.9
70 9.6 8.5 12.7



#38
Carbon Tetrachloride
Concen: 47.060 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

Tgt Ion: 117 Resp: 145321
Ion Ratio Lower Upper
117 100
119 92.8 76.2 114.2
121 31.6 24.6 36.8





#39

Methvlcvclohexane

Concen: 45.826 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313MS

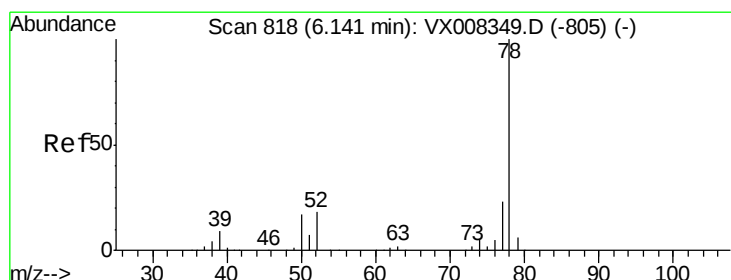
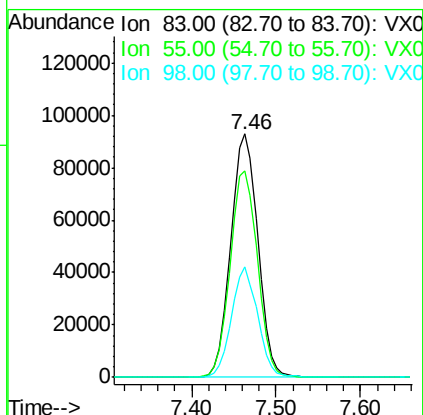
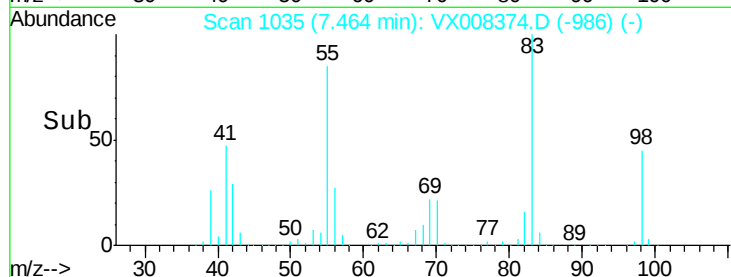
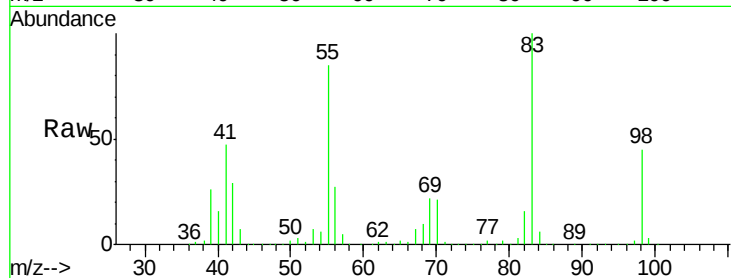
Tot Ion: 83 Resp: 202349

Ion Ratio Lower Upper

83 100

55 84.9 60.4 90.6

98 45.4 36.5 54.7



#40

Benzene

Concen: 47.349 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX008374.D

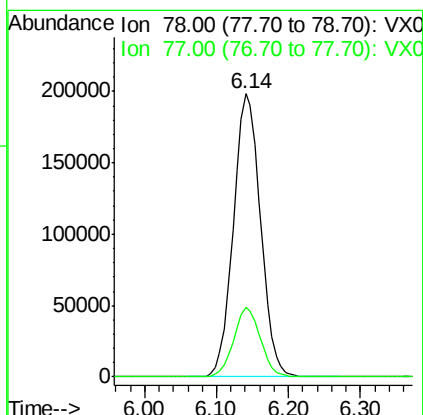
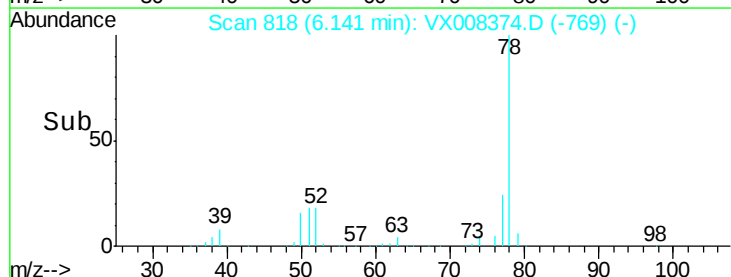
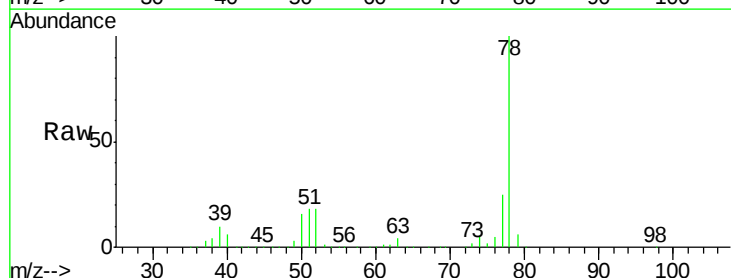
Acq: 24 Mar 2019 00:45

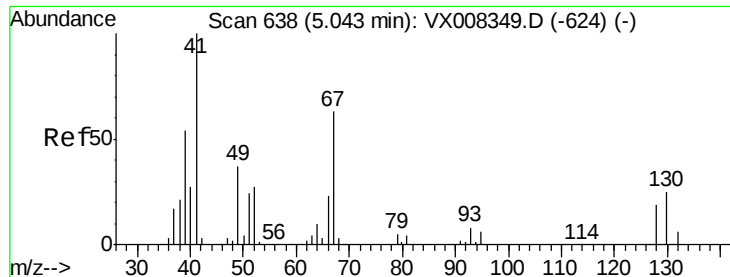
Tgt Ion: 78 Resp: 519453

Ion Ratio Lower Upper

78 100

77 24.5 19.0 28.4

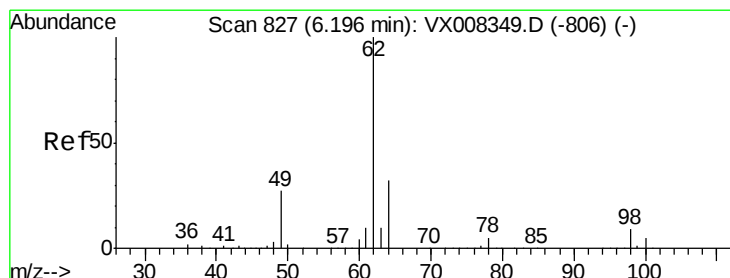
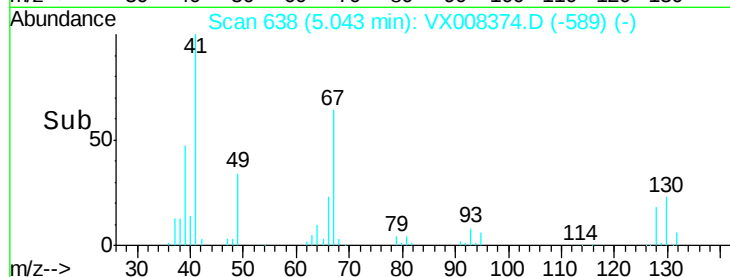
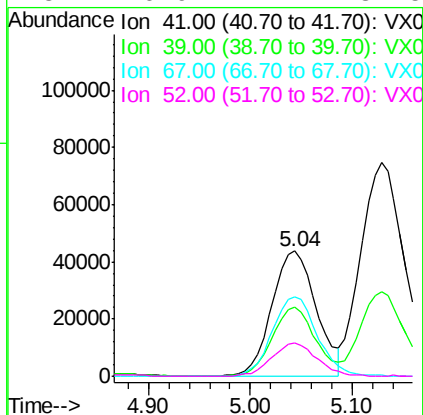
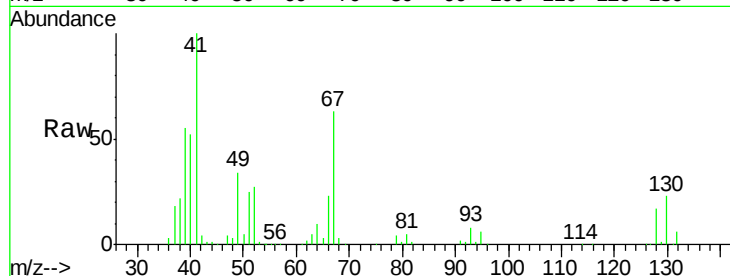




#41
Methacrylonitrile
Concen: 49.804 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

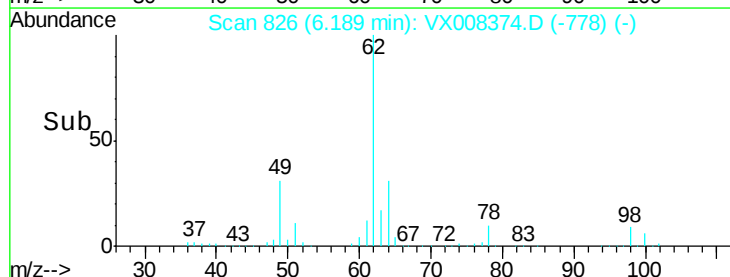
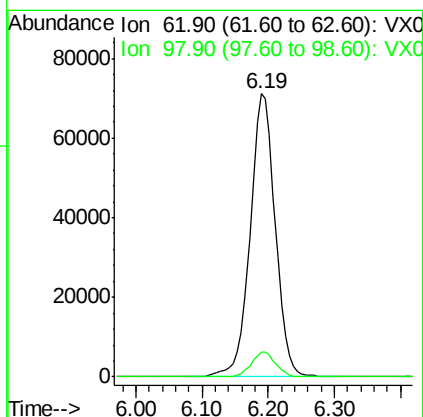
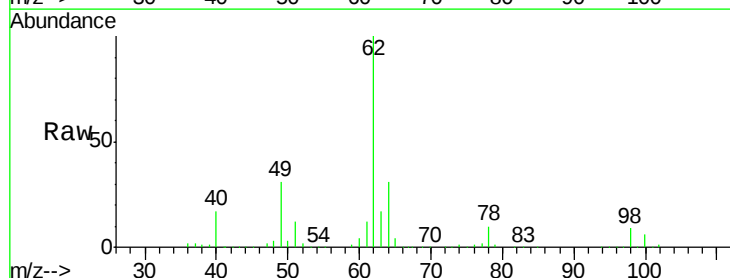
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW309D-20190313MS

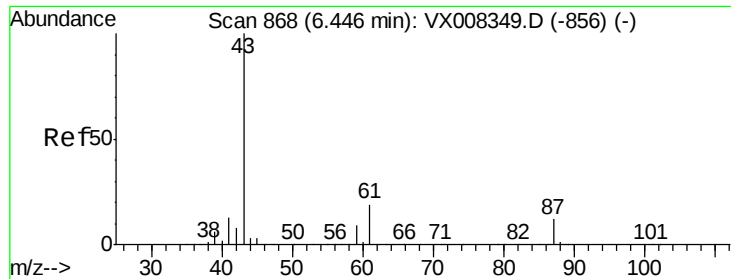
Tot Ion:	41	Resp:	132351
Ion	Ratio	Lower	Upper
41	100		
39	53.6	41.6	62.4
67	64.2	55.8	83.6
52	26.9	21.7	32.5



#42
1,2-Dichloroethane
Concen: 47.271 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

Tgt Ion:	62	Resp:	188201
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	20.4



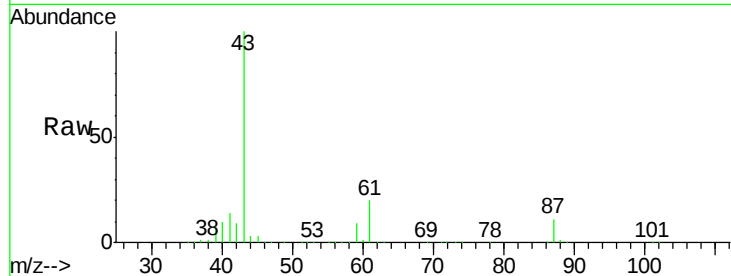


#43

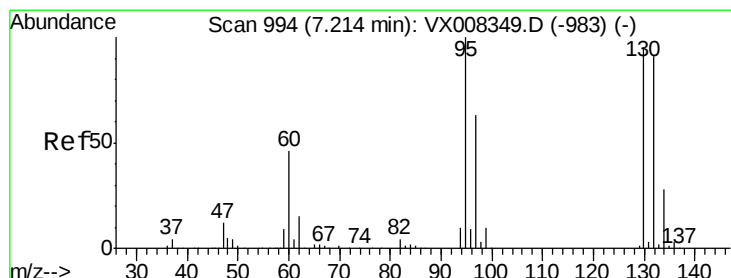
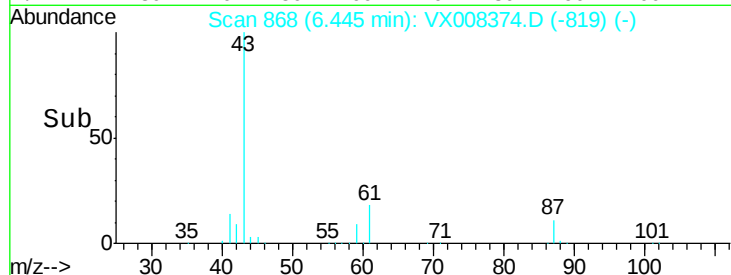
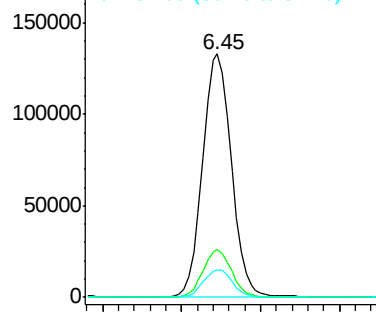
Isopropyl Acetate
 Concen: 44.429 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX008374.D
 Acq: 24 Mar 2019 00:45

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW309D-20190313MS

Tot Ion: 43 Resp: 337305
 Ion Ratio Lower Upper
 43 100
 61 19.6 16.3 24.5
 87 11.5 10.5 15.7



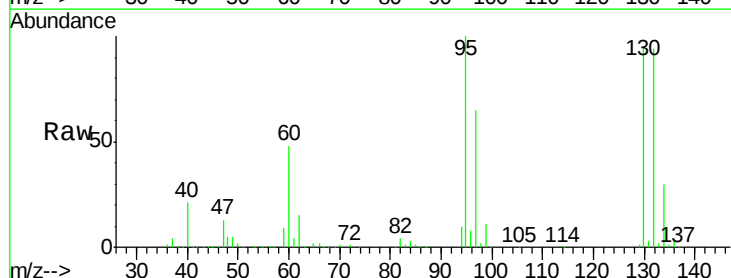
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



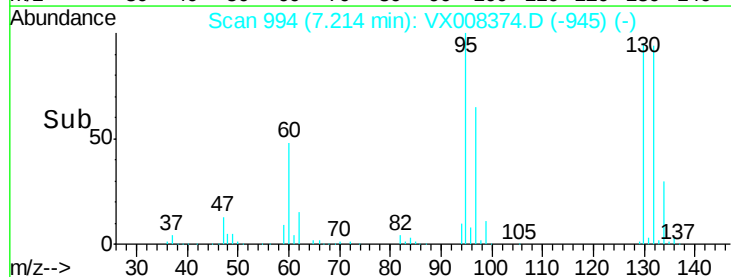
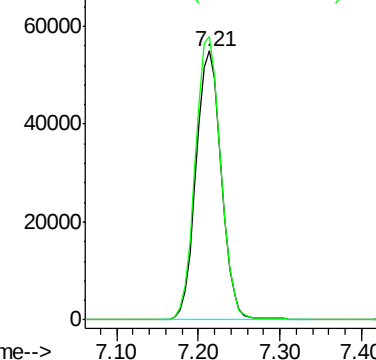
#44

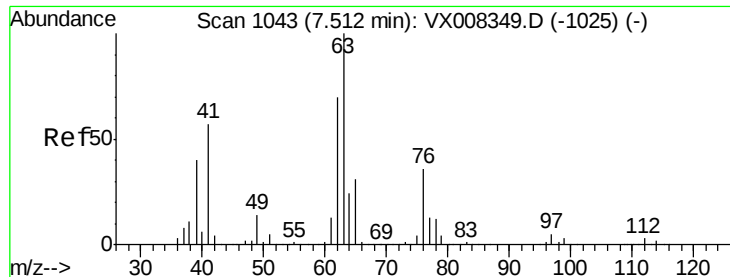
Trichloroethene
 Concen: 46.233 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008374.D
 Acq: 24 Mar 2019 00:45

Tgt Ion:130 Resp: 117787
 Ion Ratio Lower Upper
 130 100
 95 105.3 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: 47.834 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

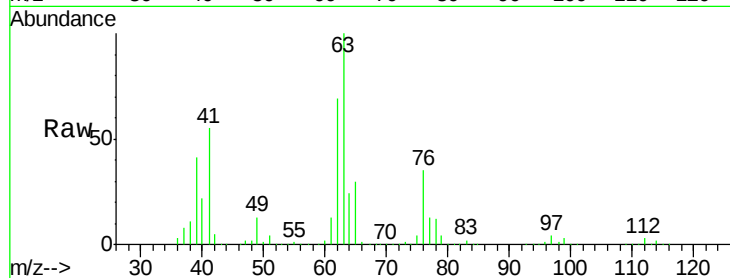
BPS1-TT-MW309D-20190313MS

Tot Ion: 63 Resp: 148563

Ion Ratio Lower Upper

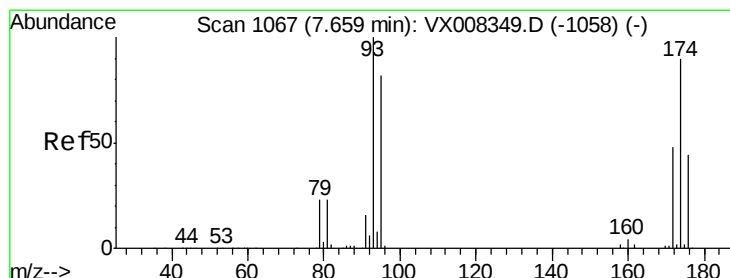
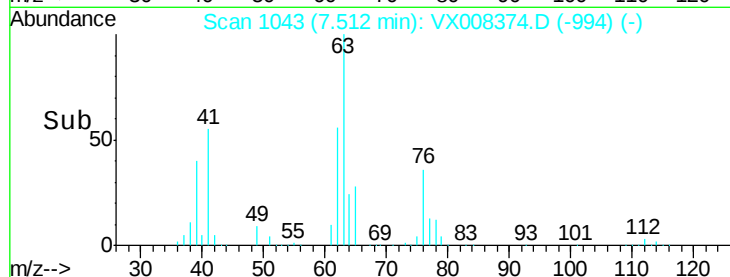
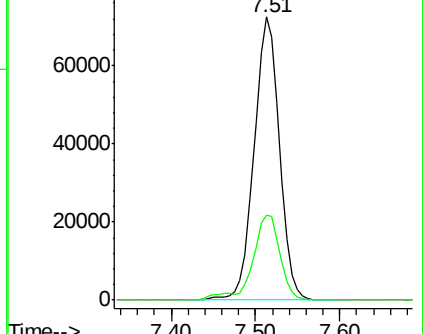
63 100

65 30.0 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 46.629 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

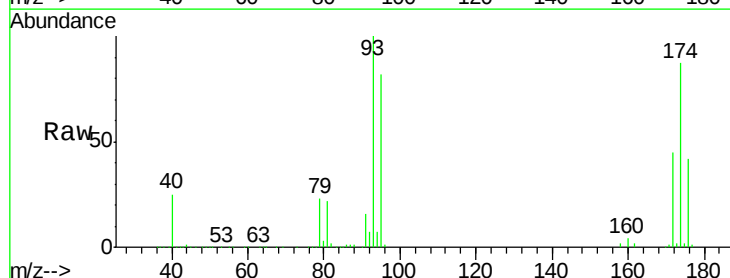
Tgt Ion: 93 Resp: 85945

Ion Ratio Lower Upper

93 100

95 83.4 66.8 100.2

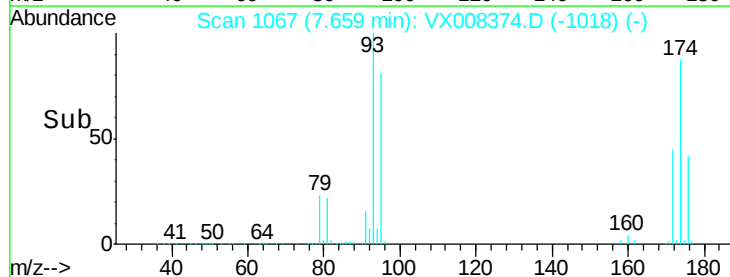
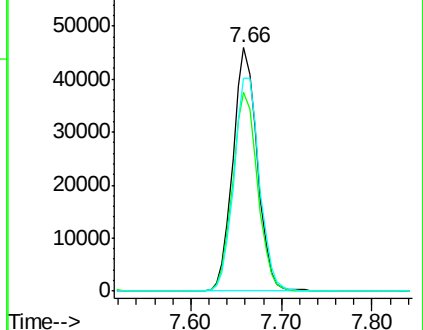
174 91.3 97.3 145.9#

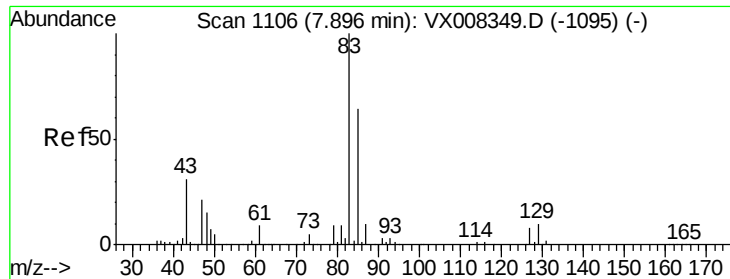


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 47.911 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313MS

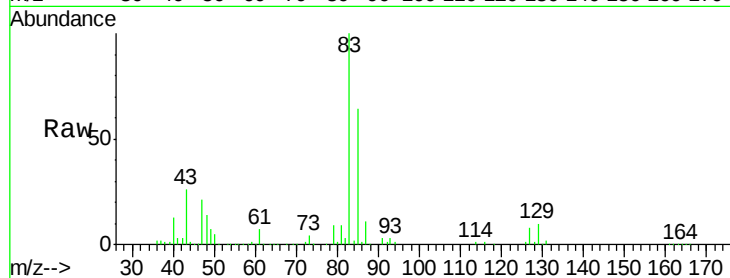
Tot Ion: 83 Resp: 168438

Ion Ratio Lower Upper

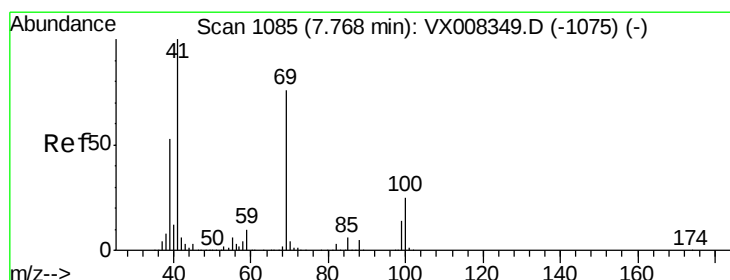
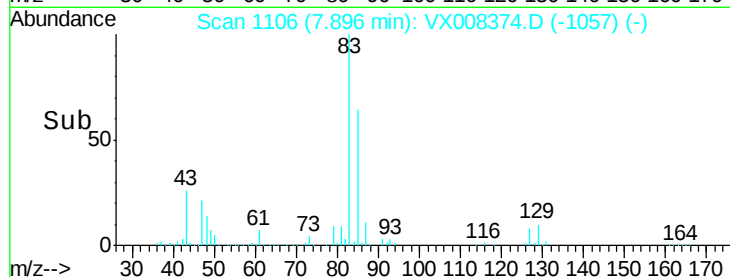
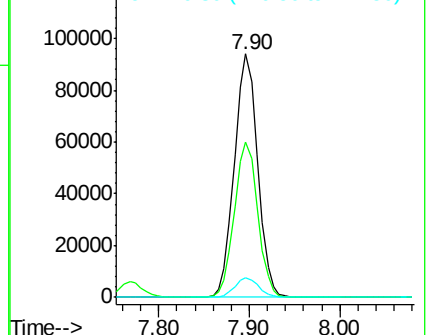
83 100

85 63.7 50.9 76.3

127 8.3 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: 49.155 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

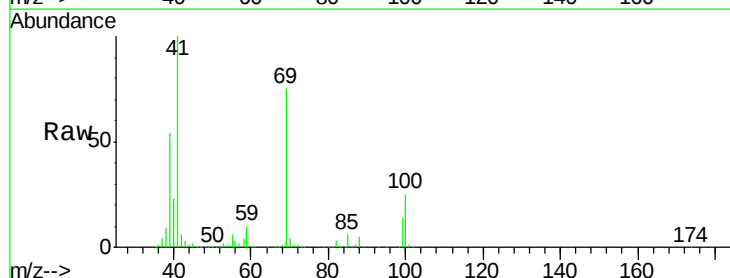
Tgt Ion: 41 Resp: 188308

Ion Ratio Lower Upper

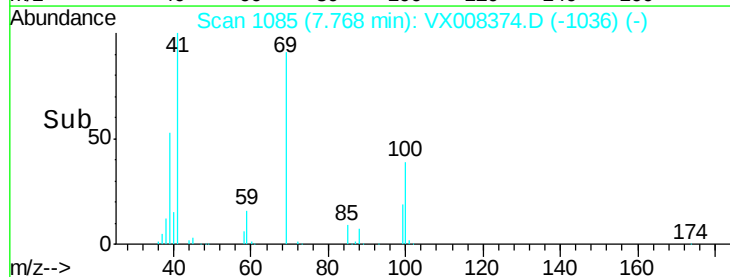
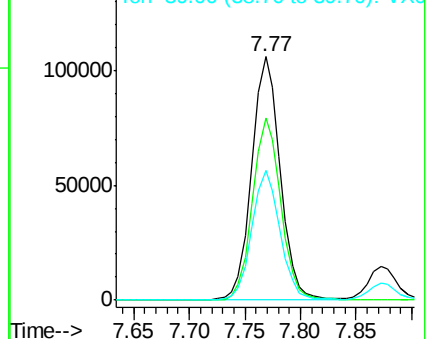
41 100

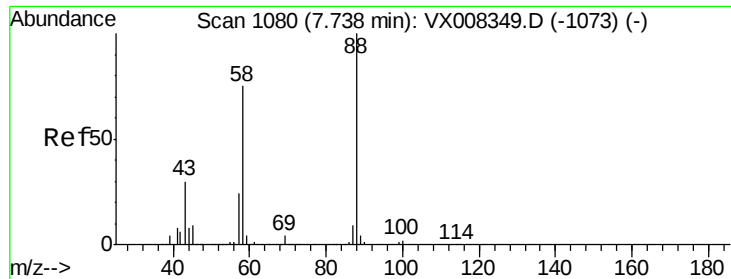
69 75.0 65.2 97.8

39 52.8 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

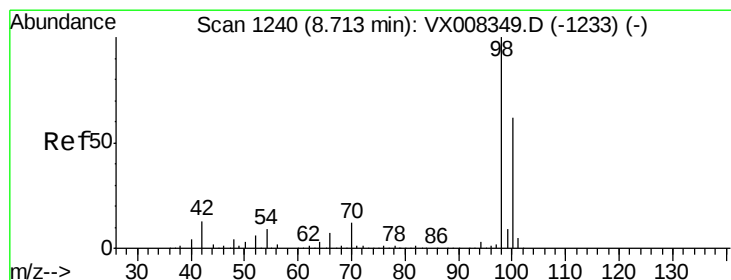
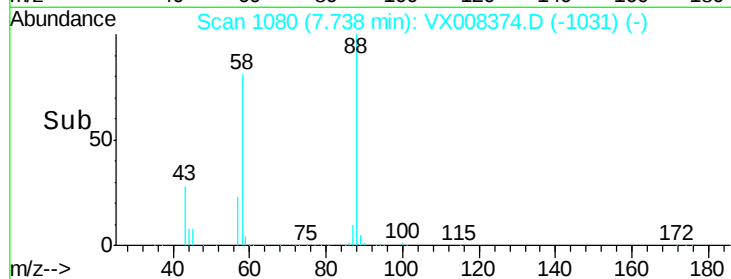
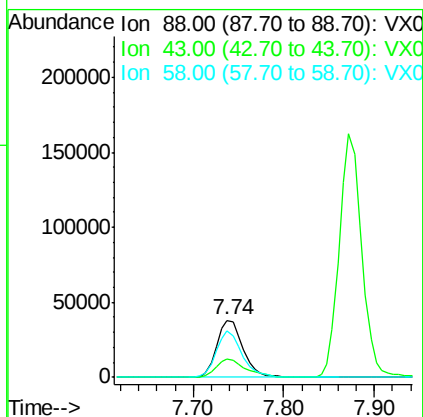
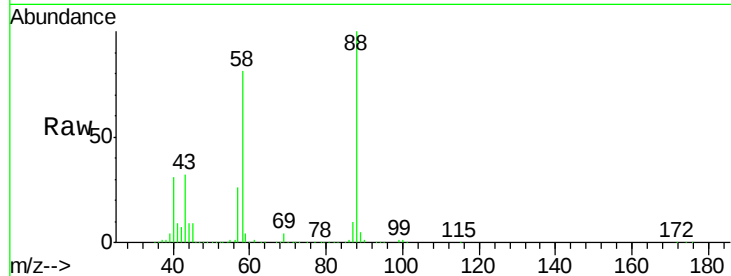




#49
 1,4-Dioxane
 Concen: 996.639 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX008374.D
 Acq: 24 Mar 2019 00:45

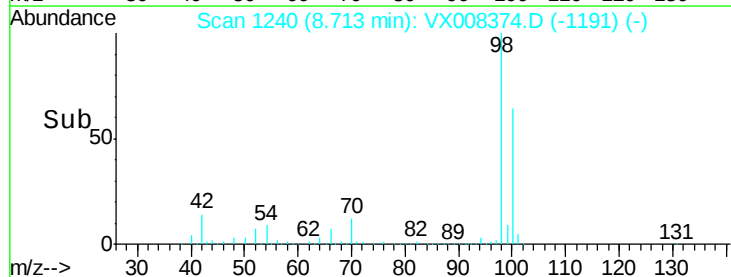
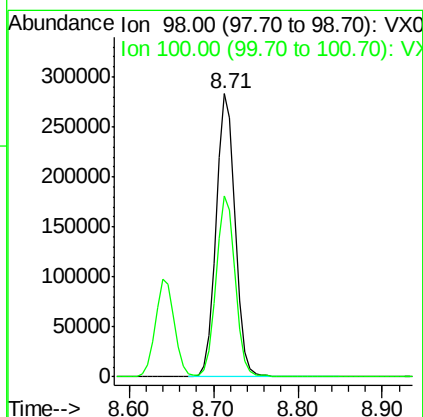
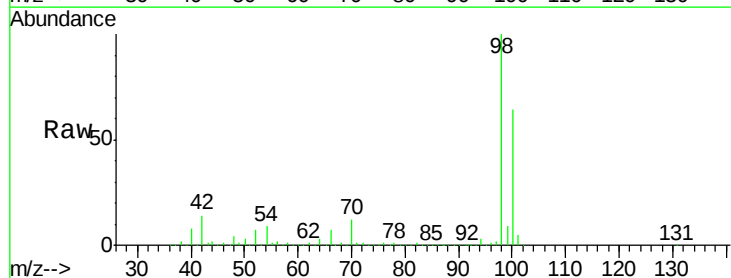
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW309D-20190313MS

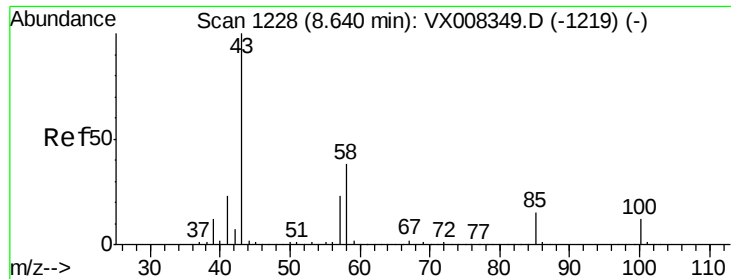
Tot Ion: 88 Resp: 77032
 Ion Ratio Lower Upper
 88 100
 43 35.9 25.1 37.7
 58 79.0 57.8 86.6



#50
 Toluene-d8
 Concen: 49.288 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008374.D
 Acq: 24 Mar 2019 00:45

Tgt Ion: 98 Resp: 445272
 Ion Ratio Lower Upper
 98 100
 100 64.1 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 249.271 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

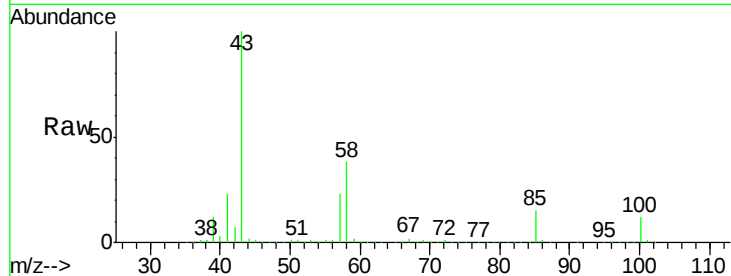
BPS1-TT-MW309D-20190313MS

Tot Ion: 43 Resp: 1241662

Ion Ratio Lower Upper

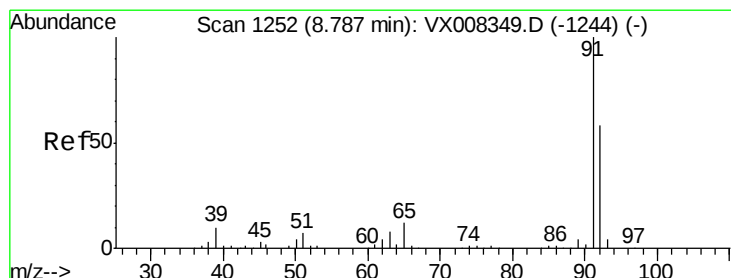
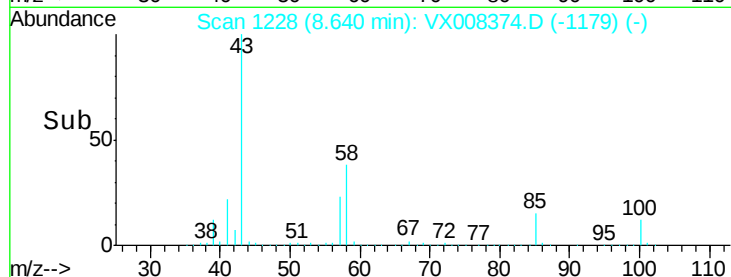
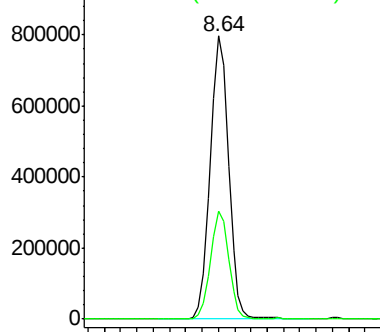
43 100

58 37.5 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.608 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008374.D

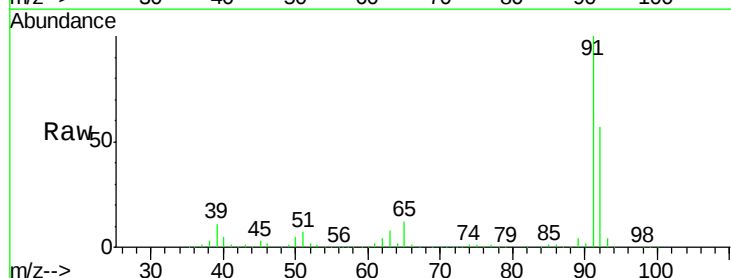
Acq: 24 Mar 2019 00:45

Tgt Ion: 92 Resp: 312697

Ion Ratio Lower Upper

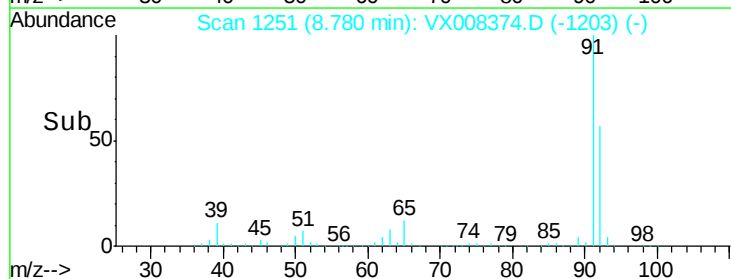
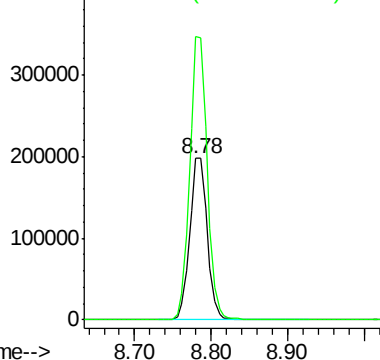
92 100

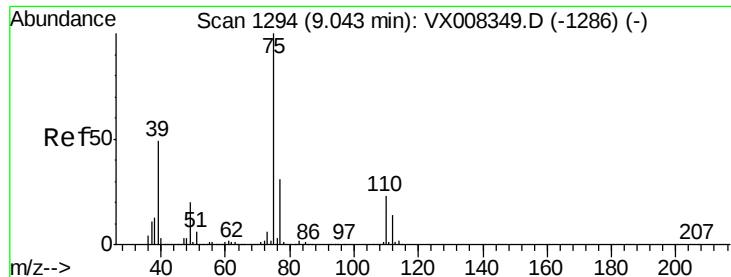
91 174.7 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 48.270 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

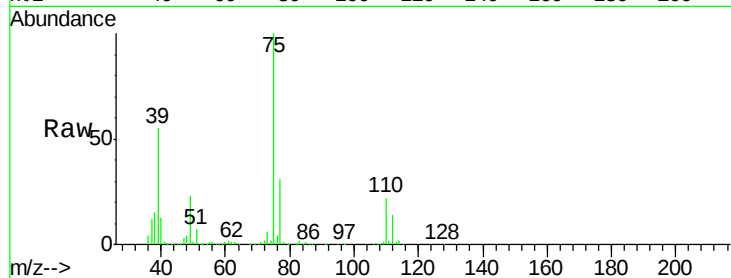
BPS1-TT-MW309D-20190313MS

Tot Ion: 75 Resp: 182457

Ion Ratio Lower Upper

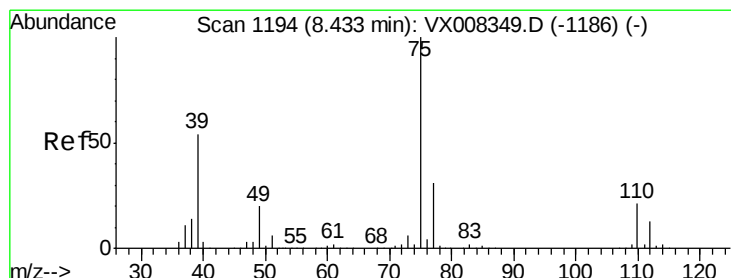
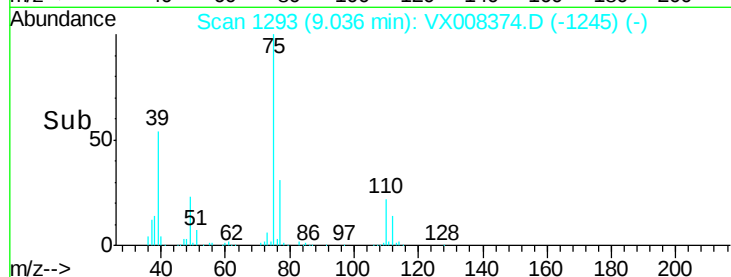
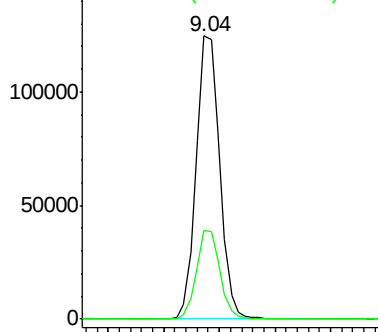
75 100

77 31.3 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 47.162 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

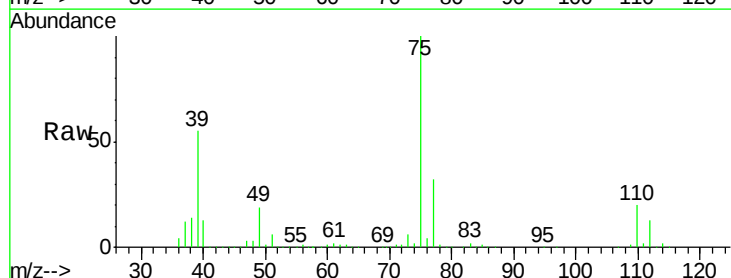
Tgt Ion: 75 Resp: 202118

Ion Ratio Lower Upper

75 100

77 31.9 25.0 37.6

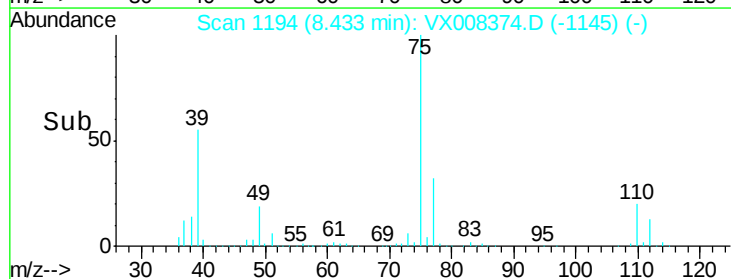
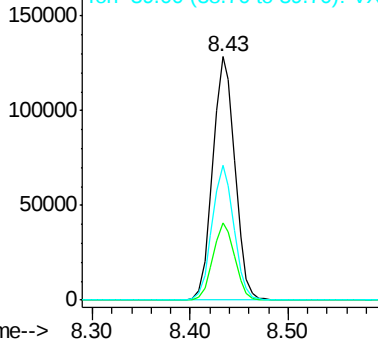
39 55.2 36.6 54.8#

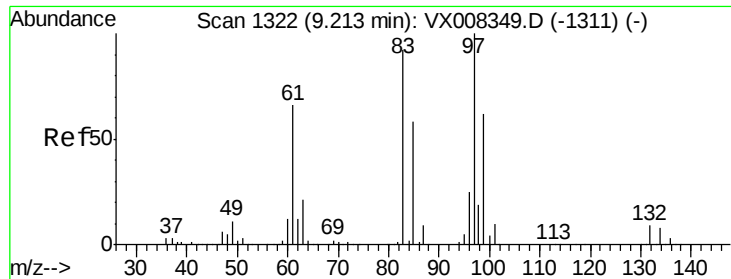


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

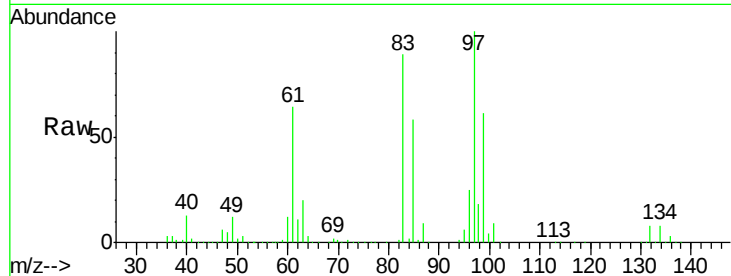




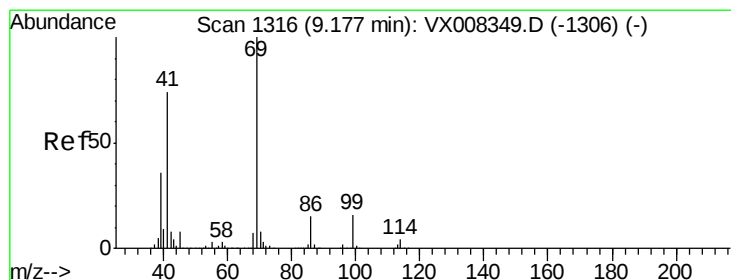
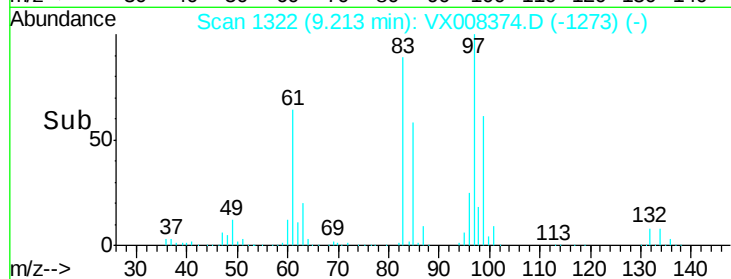
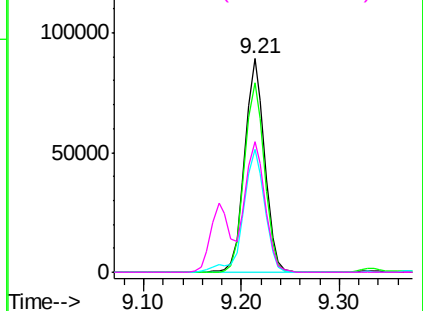
#55
 1,1,2-Trichloroethane
 Concen: 47.482 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008374.D
 Acq: 24 Mar 2019 00:45

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW309D-20190313MS

Tot Ion:	97	Resp:	126876
Ion	Ratio	Lower	Upper
97	100		
83	88.9	69.1	103.7
85	57.8	44.3	66.5
99	61.0	49.8	74.8

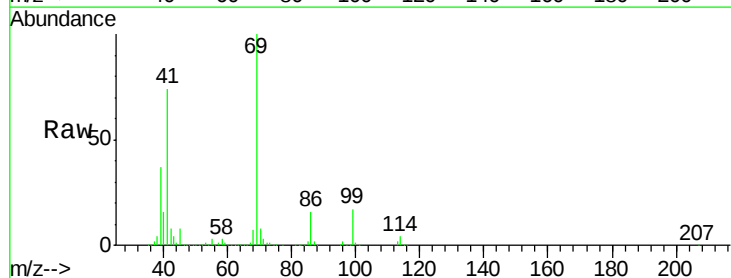


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

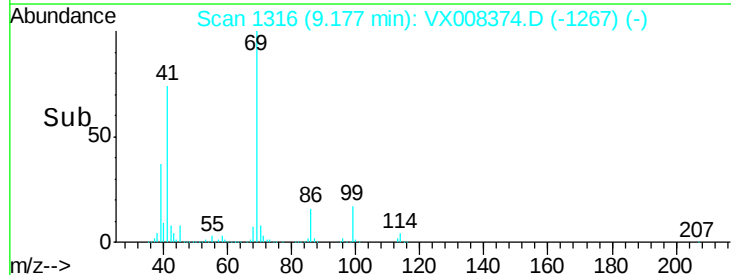
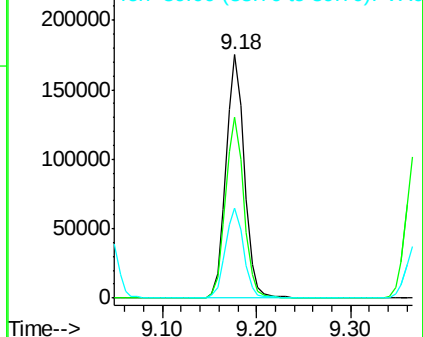


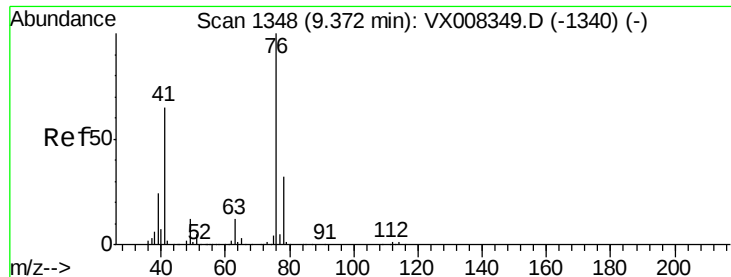
#56
 Ethyl methacrylate
 Concen: 50.199 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008374.D
 Acq: 24 Mar 2019 00:45

Tgt Ion:	69	Resp:	237468
Ion	Ratio	Lower	Upper
69	100		
41	74.3	54.2	81.4
39	36.9	25.0	37.4



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





#57

1,3-Dichloropropane

Concen: 47.643 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

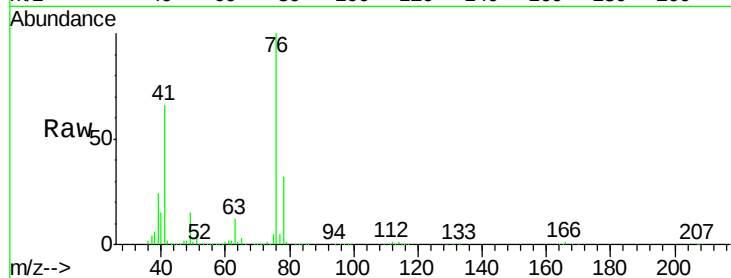
BPS1-TT-MW309D-20190313MS

Tot Ion: 76 Resp: 226794

Ion Ratio Lower Upper

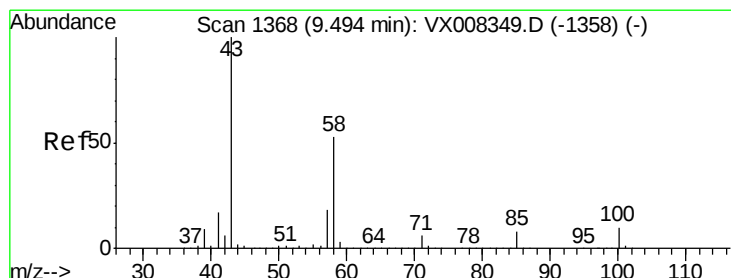
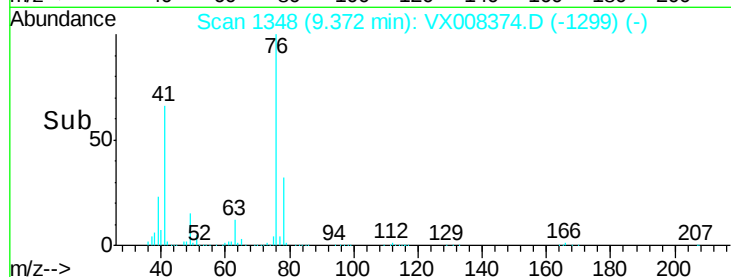
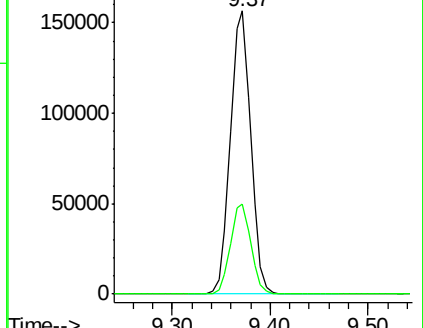
76 100

78 32.0 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 255.936 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VX008374.D

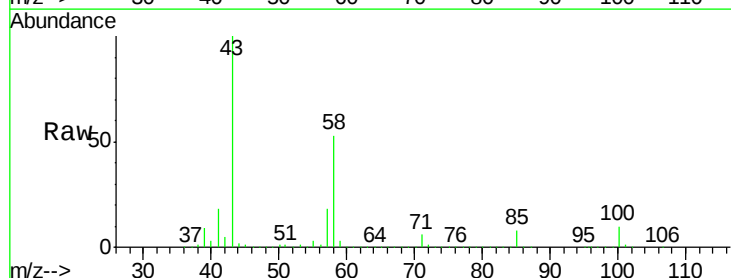
Acq: 24 Mar 2019 00:45

Tgt Ion: 43 Resp: 978658

Ion Ratio Lower Upper

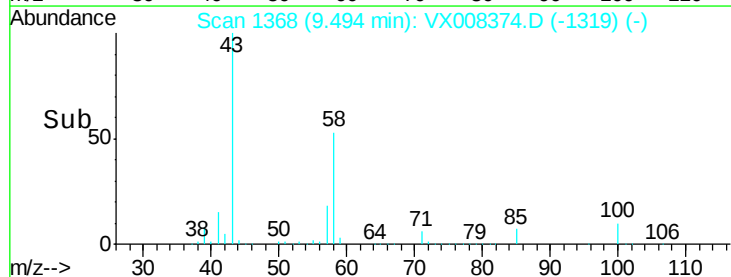
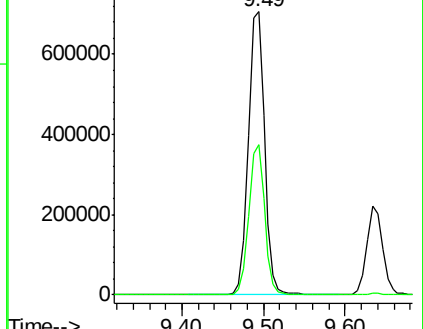
43 100

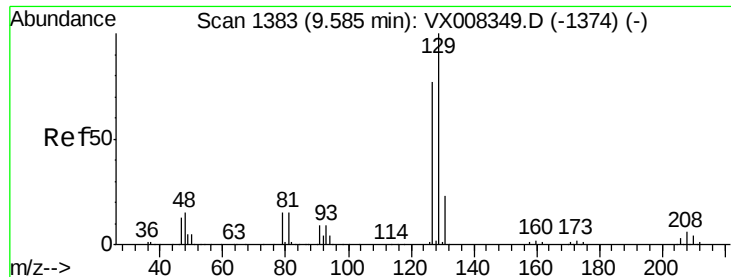
58 52.2 27.6 82.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 48.863 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.01 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

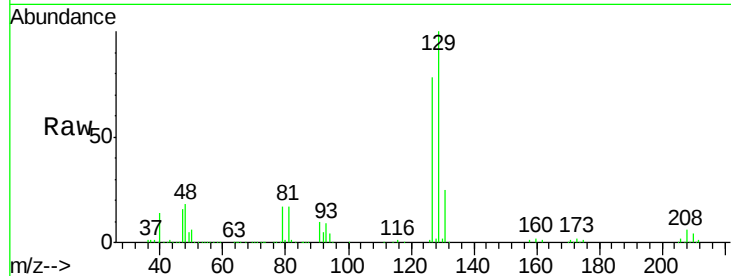
BPS1-TT-MW309D-20190313MS

Tot Ion:129 Resp: 121194

Ion Ratio Lower Upper

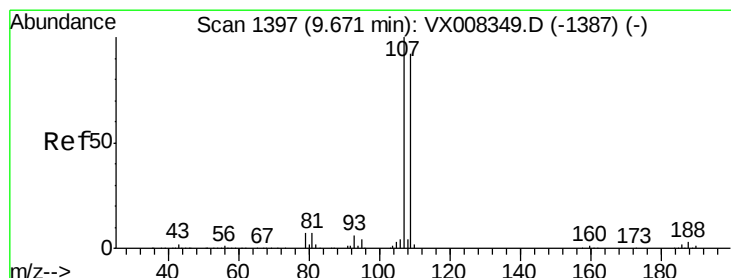
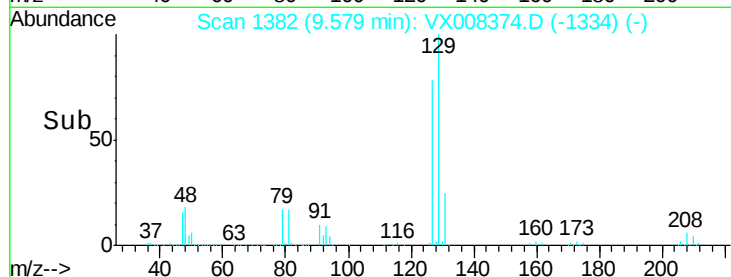
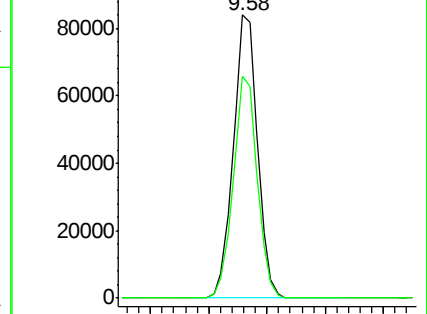
129 100

127 77.8 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: 48.213 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008374.D

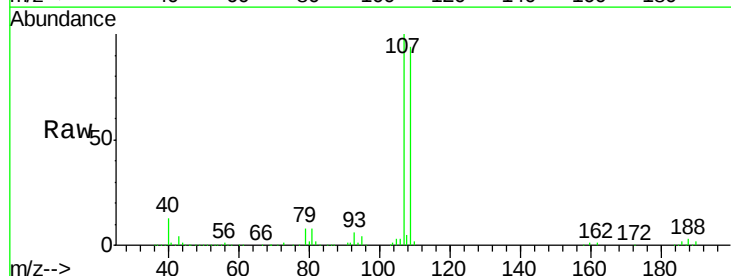
Acq: 24 Mar 2019 00:45

Tgt Ion:107 Resp: 130748

Ion Ratio Lower Upper

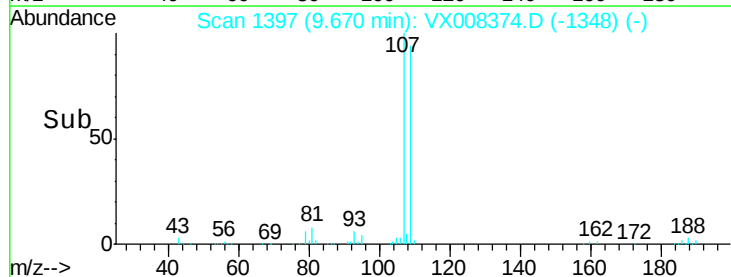
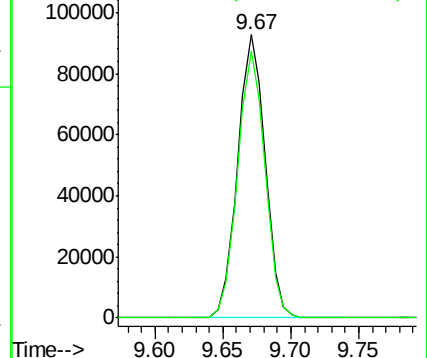
107 100

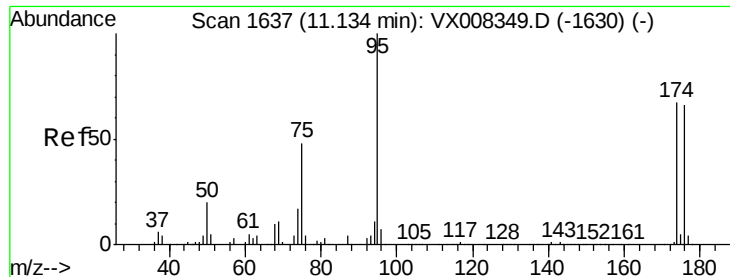
109 94.1 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 49.841 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313MS

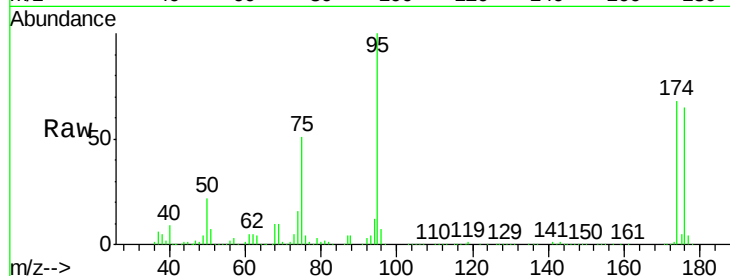
Tot Ion: 95 Resp: 165322

Ion Ratio Lower Upper

95 100

174 72.9 0.0 182.8

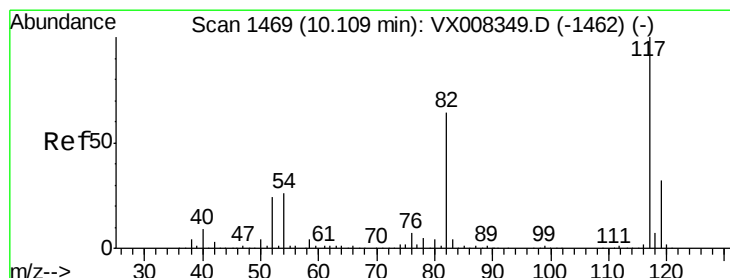
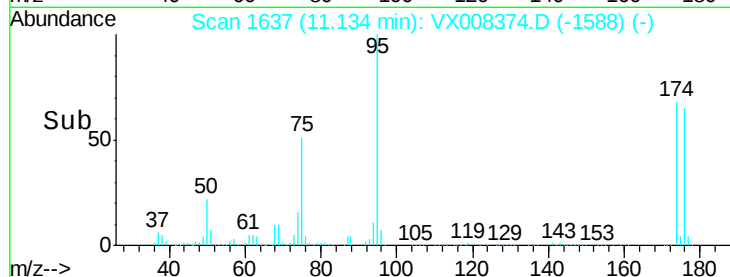
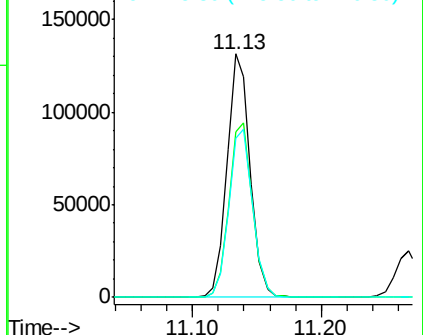
176 71.1 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX008374.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX008374.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX008374.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

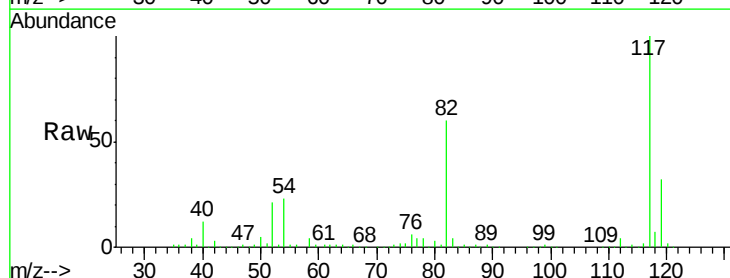
Tgt Ion: 117 Resp: 315782

Ion Ratio Lower Upper

117 100

82 60.1 44.3 66.5

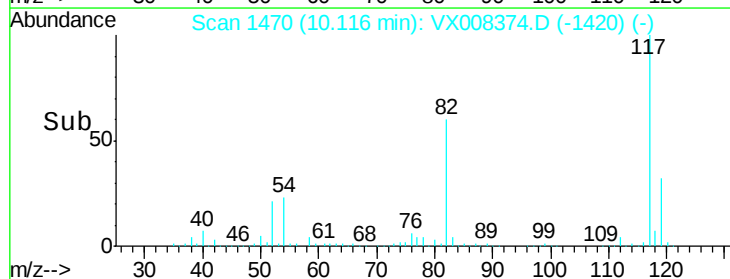
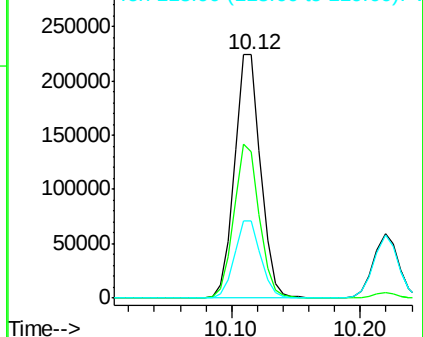
119 32.0 25.3 37.9

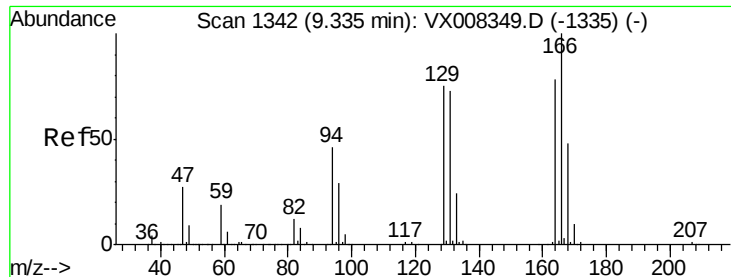


Abundance Ion 116.90 (116.60 to 117.60): VX008374.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX008374.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX008374.D (-1420) (-)





#64

Tetrachloroethene

Concen: 45.796 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313MS

Tot Ion:164 Resp: 94571

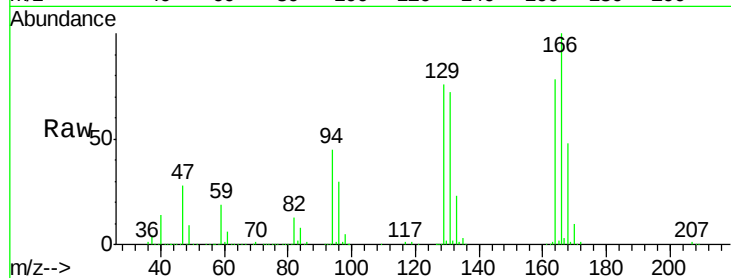
Ion Ratio Lower Upper

164 100

166 128.8 103.4 155.0

129 97.6 72.2 108.4

131 92.9 69.4 104.2

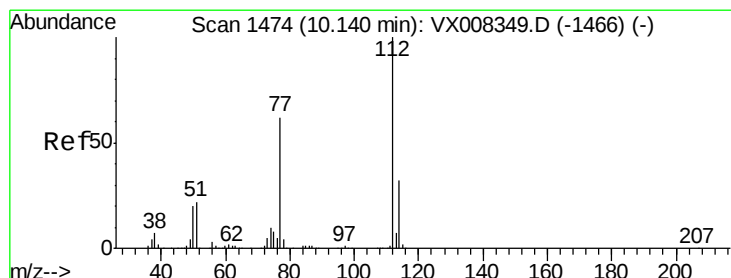
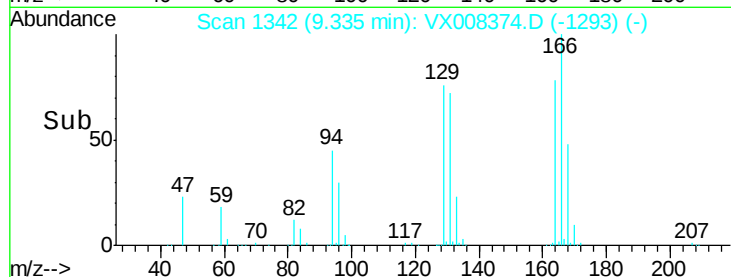
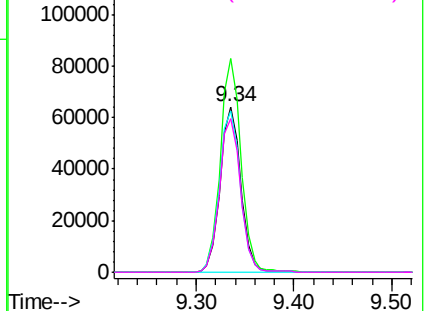


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 47.597 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX008374.D

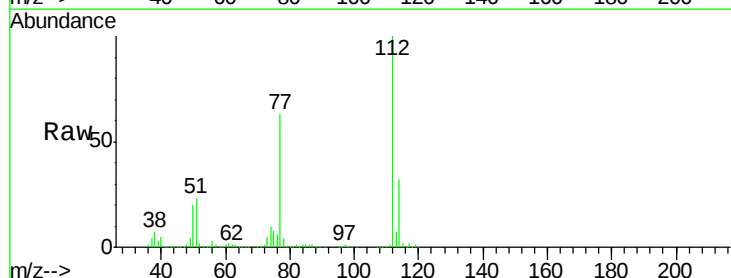
Acq: 24 Mar 2019 00:45

Tgt Ion:112 Resp: 315219

Ion Ratio Lower Upper

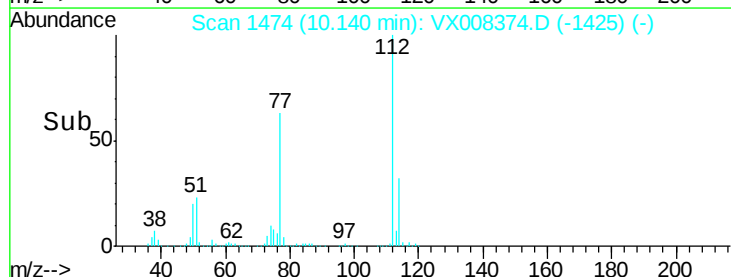
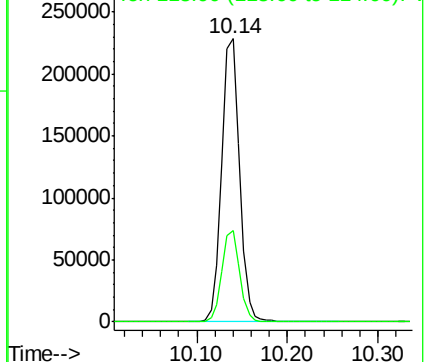
112 100

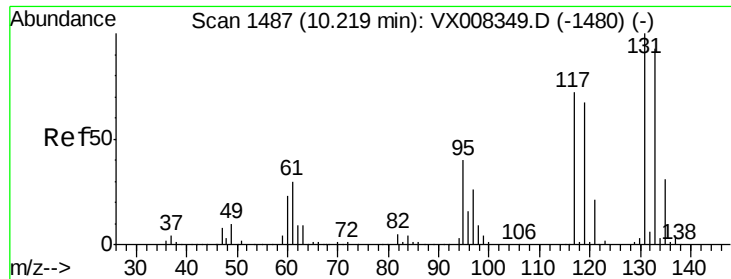
114 32.3 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

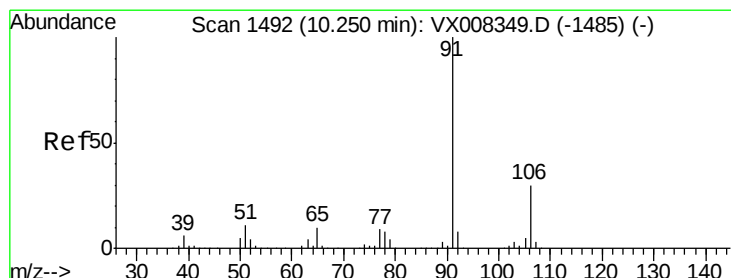
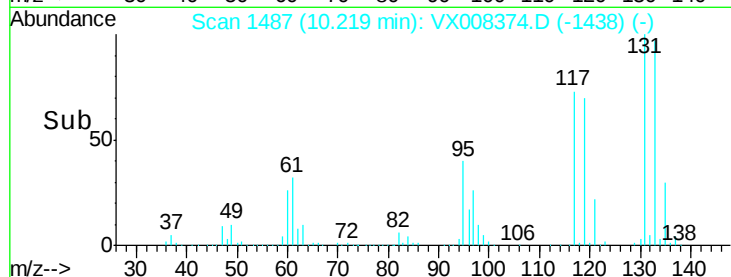
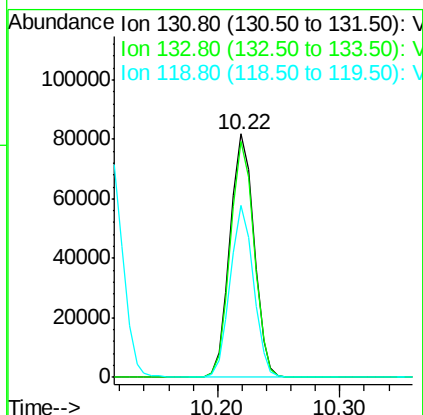
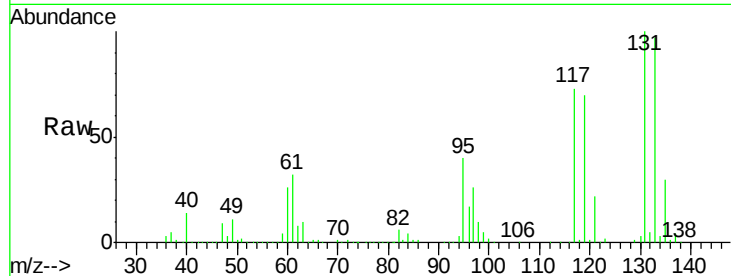




#66
 1,1,1,2-Tetrachloroethane
 Concen: 48.406 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX008374.D
 Acq: 24 Mar 2019 00:45

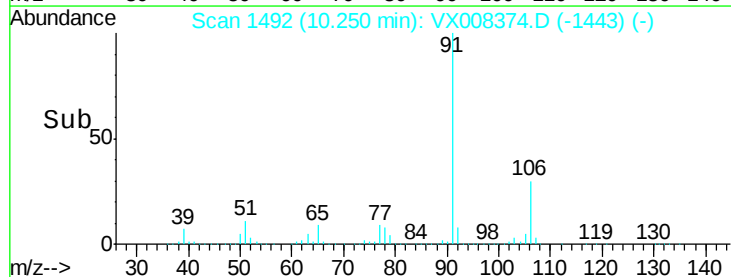
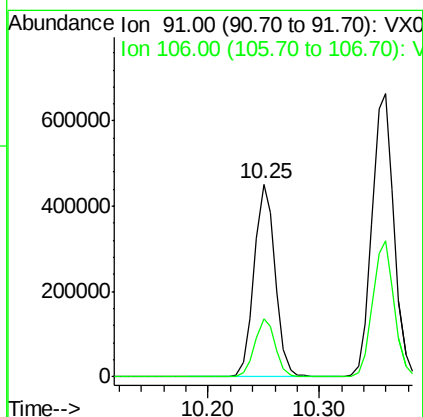
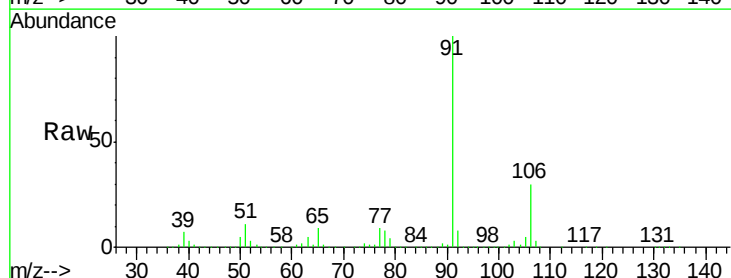
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW309D-20190313MS

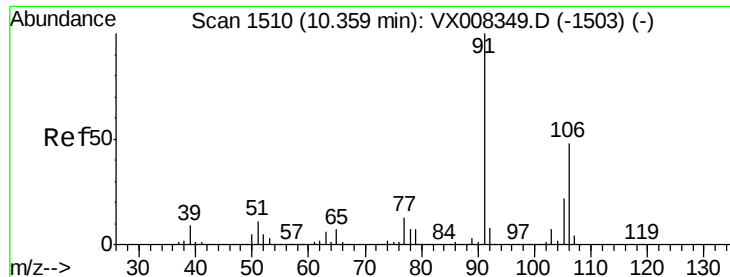
Tot Ion:131 Resp: 111172
 Ion Ratio Lower Upper
 131 100
 133 95.4 47.8 143.3
 119 68.3 32.5 97.5



#67
 Ethyl Benzene
 Concen: 48.301 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX008374.D
 Acq: 24 Mar 2019 00:45

Tgt Ion: 91 Resp: 598972
 Ion Ratio Lower Upper
 91 100
 106 29.9 25.2 37.8

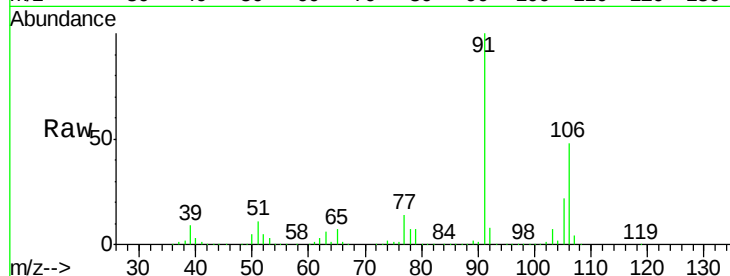




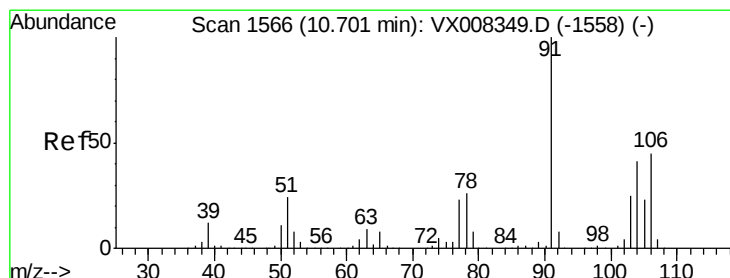
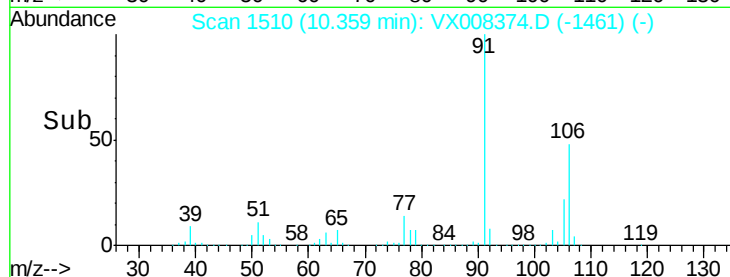
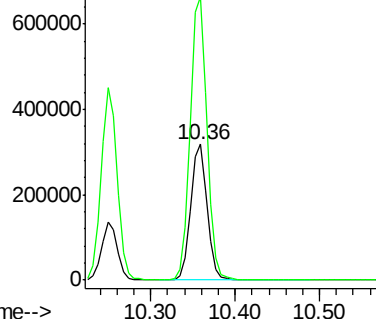
#68
m/p-Xvlenes
Concen: 97.027 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW309D-20190313MS

Tot Ion:106 Resp: 432309
Ion Ratio Lower Upper
106 100
91 211.8 159.8 239.6

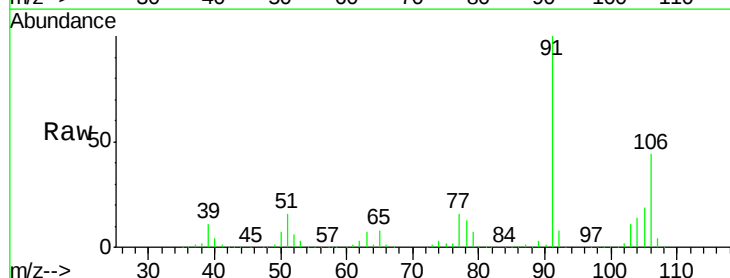


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

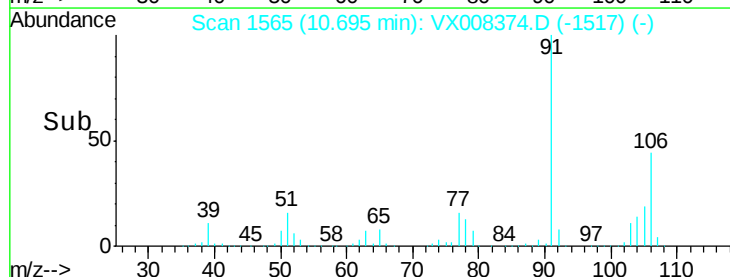
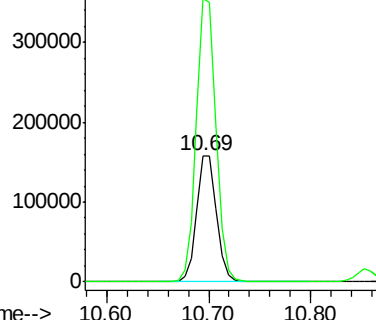


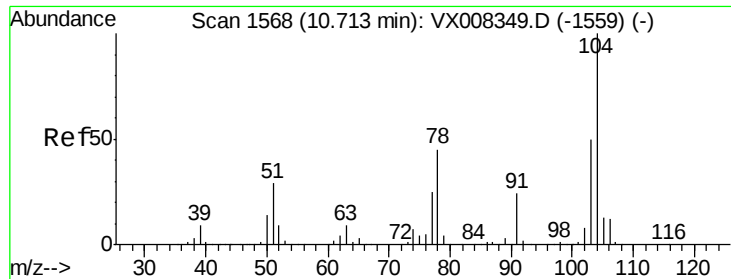
#69
o-Xylene
Concen: 48.697 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

Tgt Ion:106 Resp: 212165
Ion Ratio Lower Upper
106 100
91 223.2 106.3 318.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

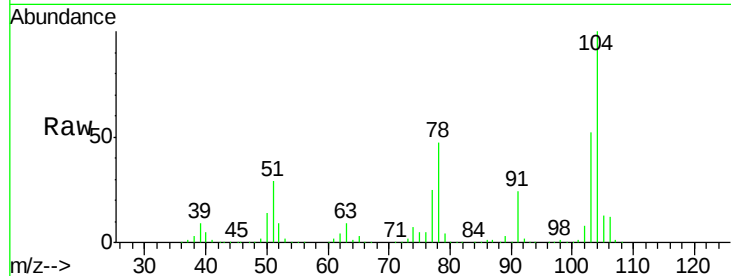




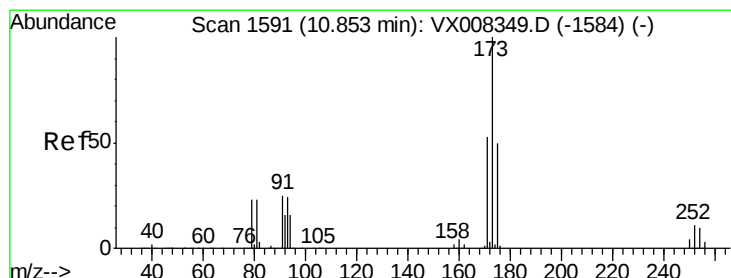
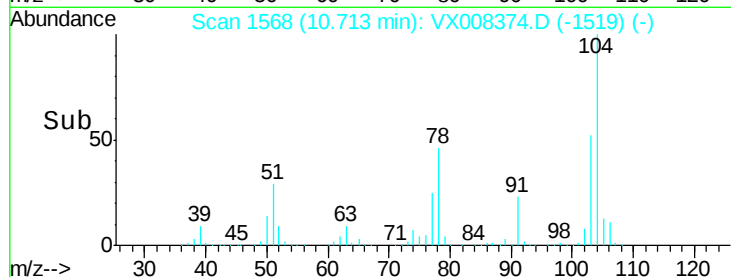
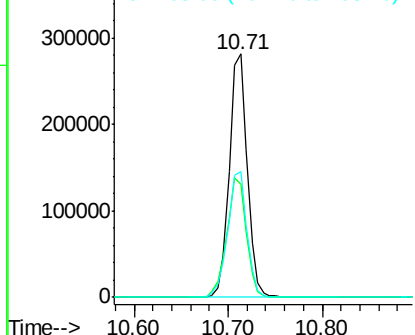
#70
Stvrene
Concen: 49.310 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW309D-20190313MS

Tot Ion:104 Resp: 372576
Ion Ratio Lower Upper
104 100
78 53.7 38.5 57.7
103 55.7 44.1 66.1

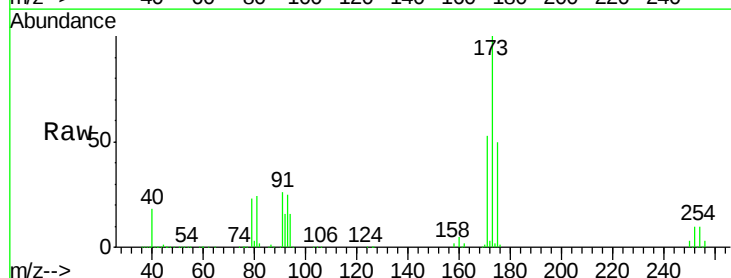


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

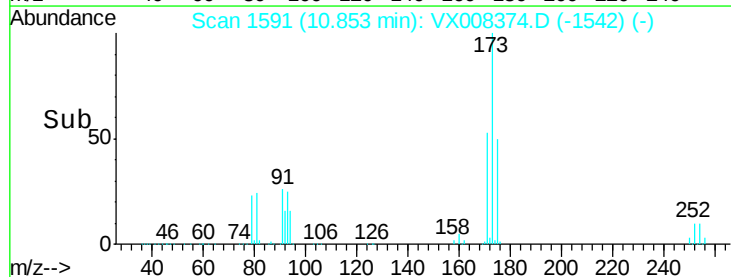
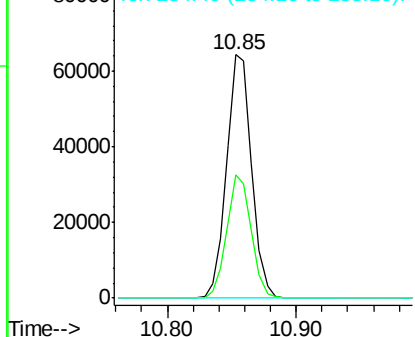


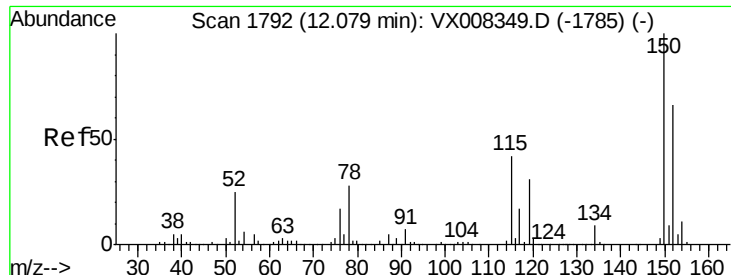
#71
Bromoform
Concen: 49.646 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

Tgt Ion:173 Resp: 87833
Ion Ratio Lower Upper
173 100
175 49.6 24.3 72.9
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313MS

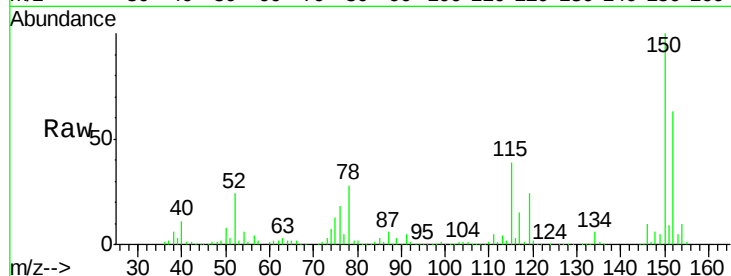
Tot Ion:152 Resp: 149458

Ion Ratio Lower Upper

152 100

115 85.6 38.6 115.7

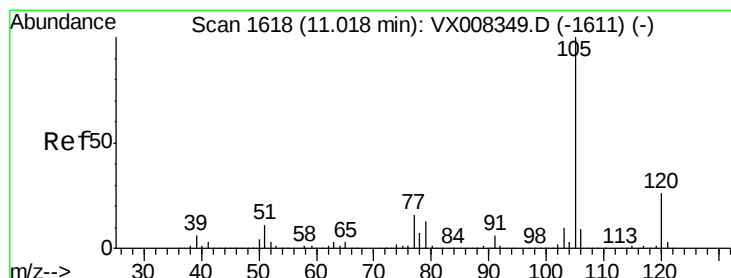
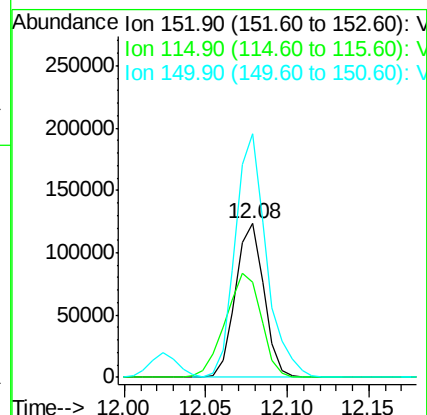
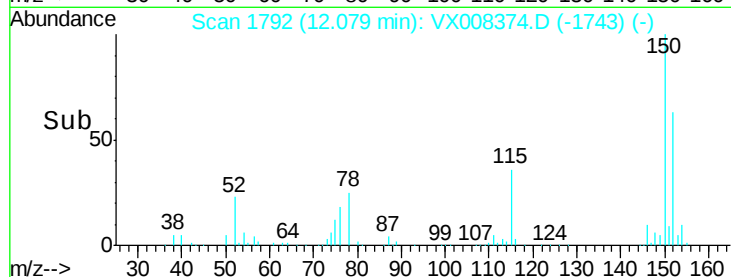
150 173.5 0.0 348.4



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: 47.199 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008374.D

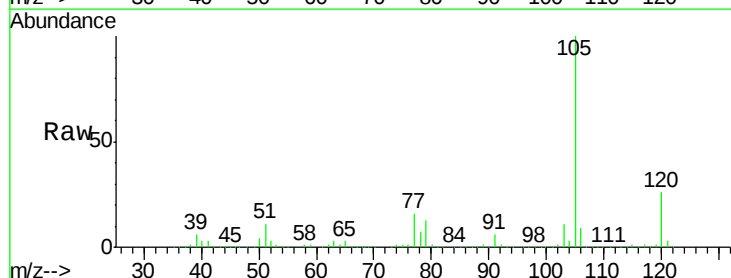
Acq: 24 Mar 2019 00:45

Tgt Ion:105 Resp: 556706

Ion Ratio Lower Upper

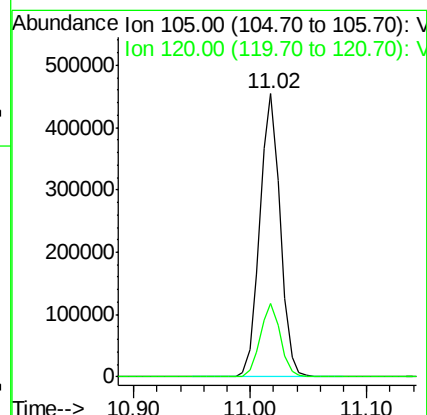
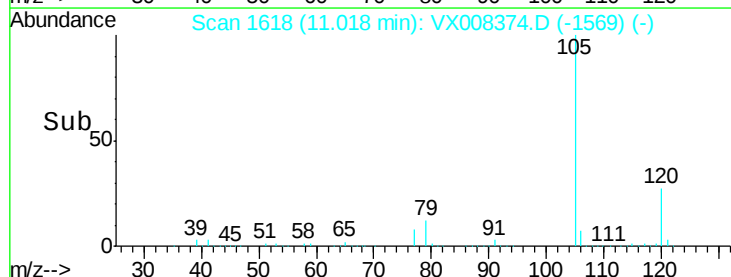
105 100

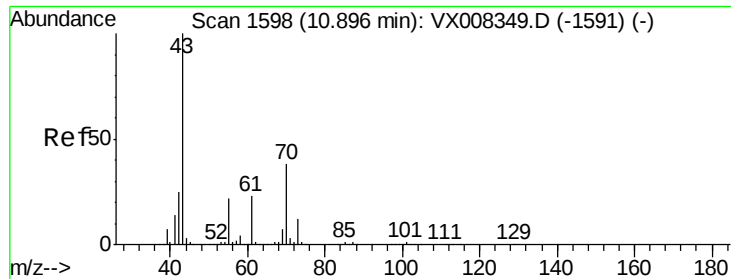
120 25.6 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 43.311 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313MS

Tot Ion: 43 Resp: 299092

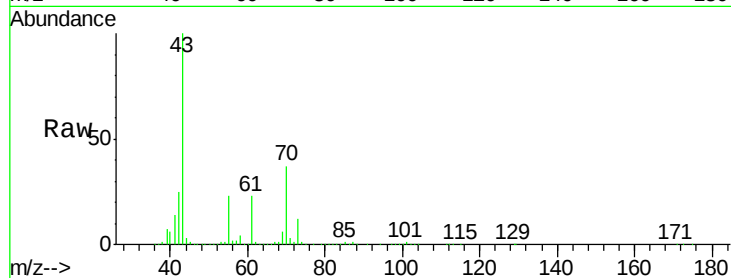
Ion Ratio Lower Upper

43 100

70 37.8 33.5 50.3

55 23.0 19.2 28.8

61 23.1 19.0 28.6

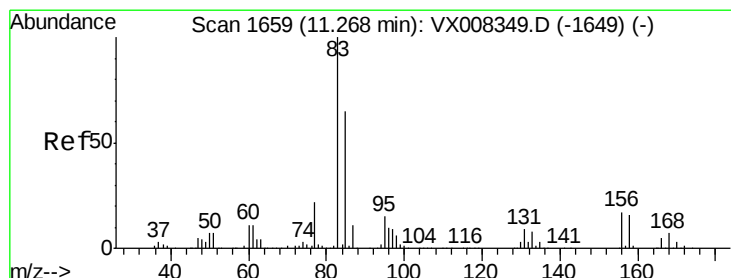
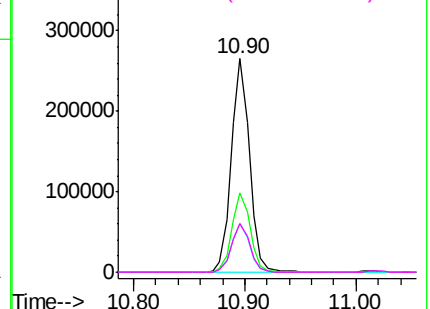
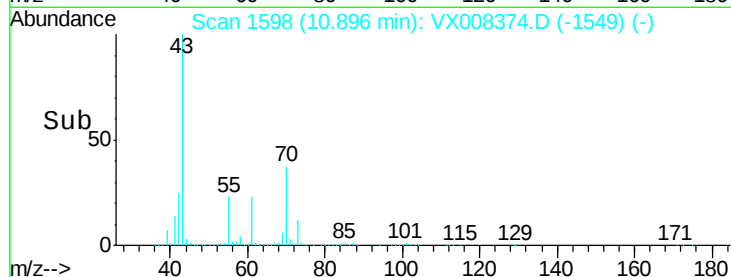


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 47.367 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

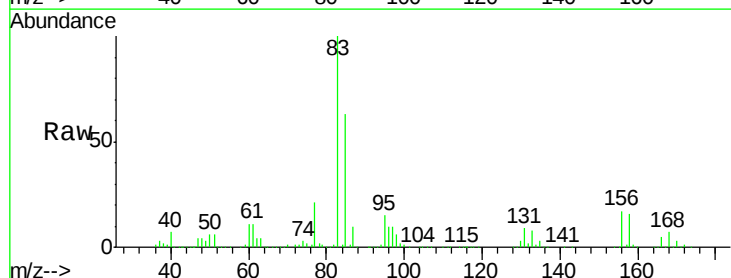
Tgt Ion: 83 Resp: 222536

Ion Ratio Lower Upper

83 100

131 8.9 5.4 16.2

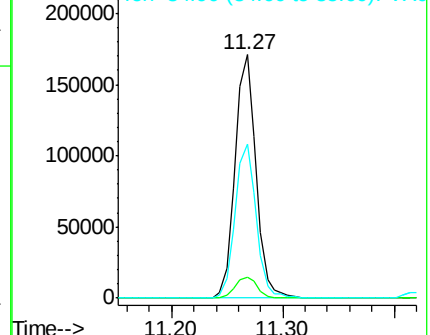
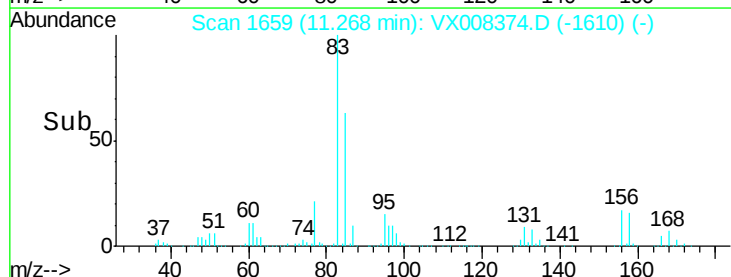
85 63.9 32.3 96.8

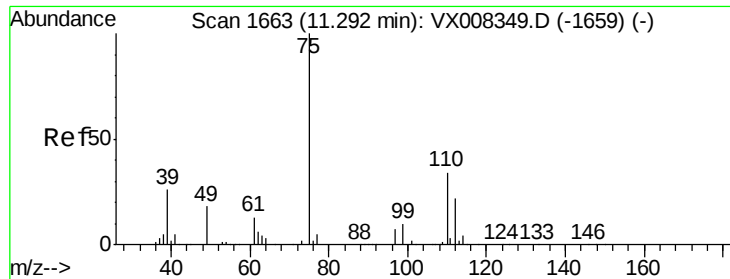


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

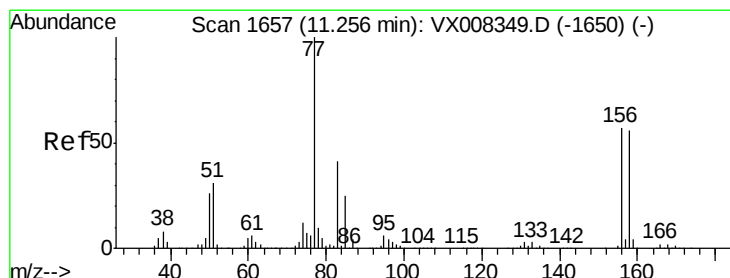
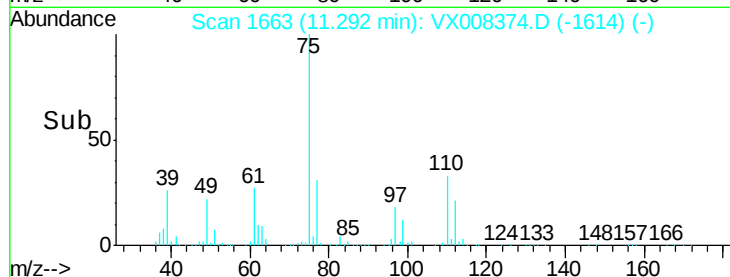
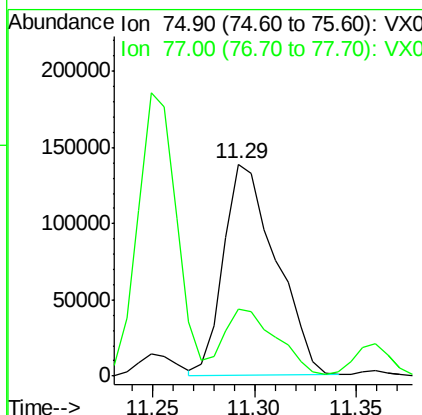
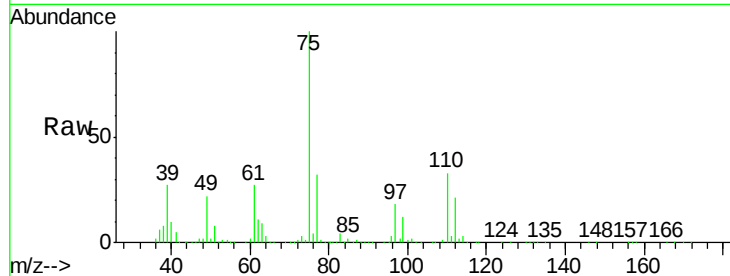




#76
1,2,3-Trichloropropane
Concen: 62.837 ug/l
RT: 11.29 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

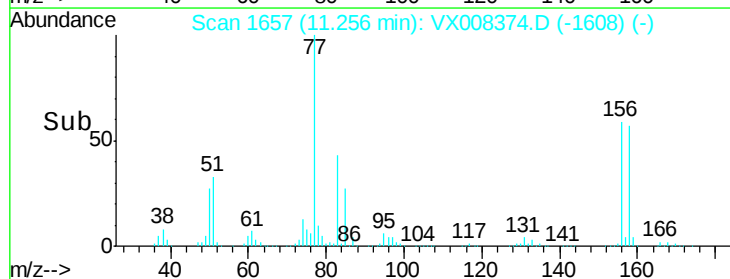
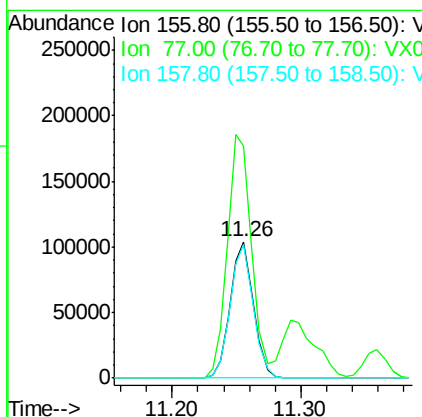
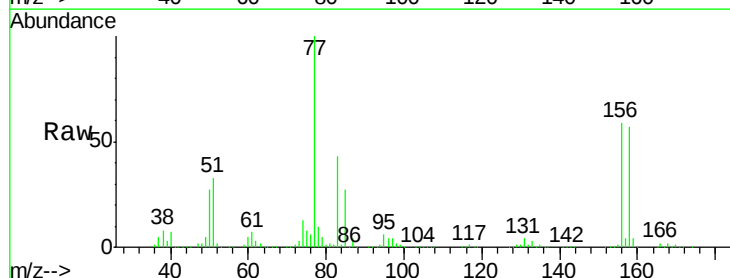
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW309D-20190313MS

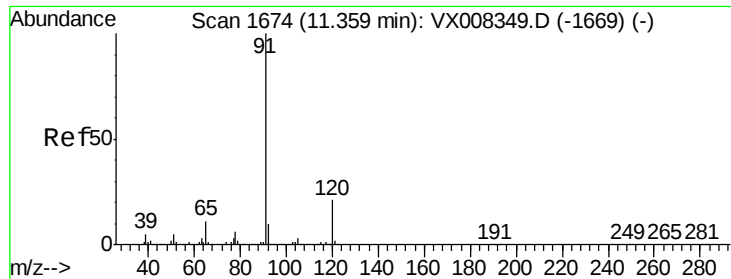
Tot Ion: 75 Resp: 245821
Ion Ratio Lower Upper
75 100
77 32.5 18.9 56.7



#77
Bromobenzene
Concen: 47.136 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

Tgt Ion: 156 Resp: 131550
Ion Ratio Lower Upper
156 100
77 185.7 72.0 215.9
158 97.7 48.6 145.9





#78

n-propylbenzene

Concen: 47.665 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

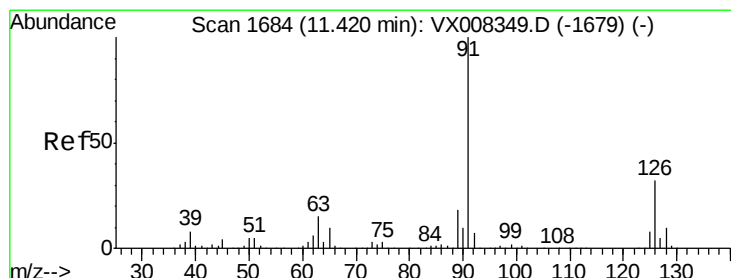
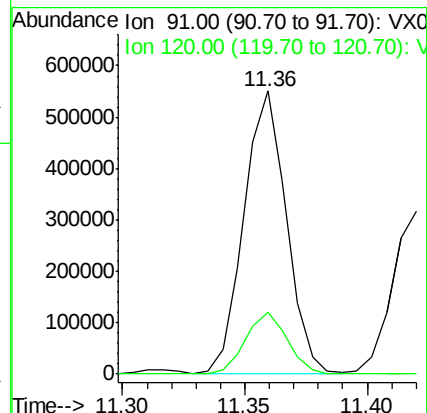
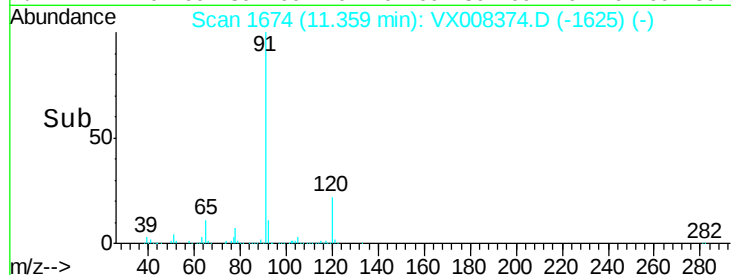
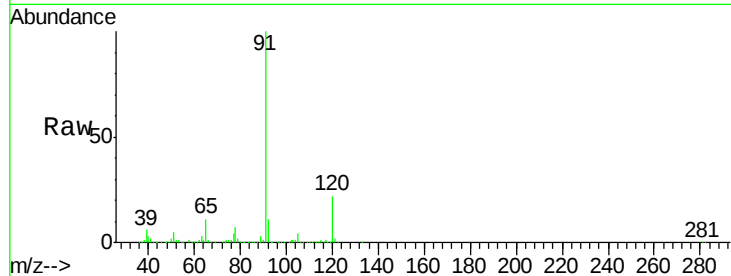
BPS1-TT-MW309D-20190313MS

Tot Ion: 91 Resp: 658931

Ion Ratio Lower Upper

91 100

120 21.6 12.0 36.0



#79

2-Chlorotoluene

Concen: 46.718 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008374.D

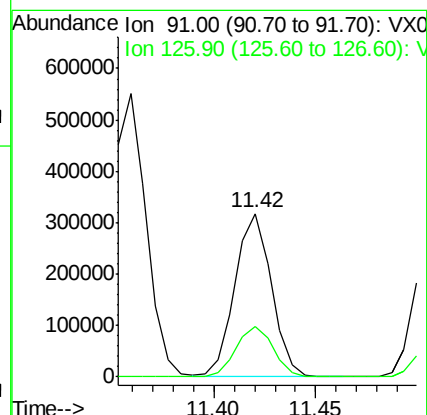
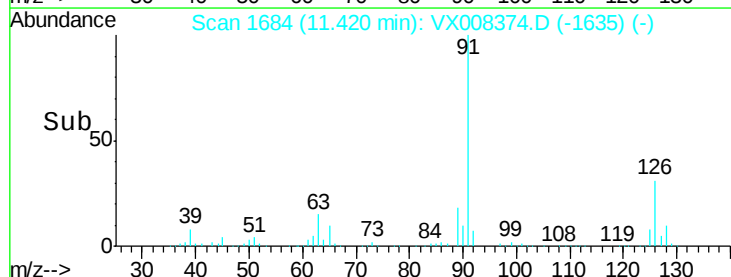
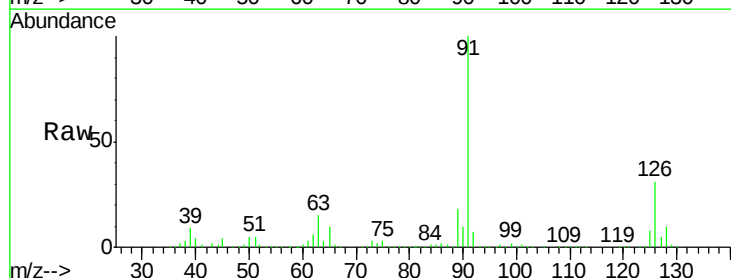
Acq: 24 Mar 2019 00:45

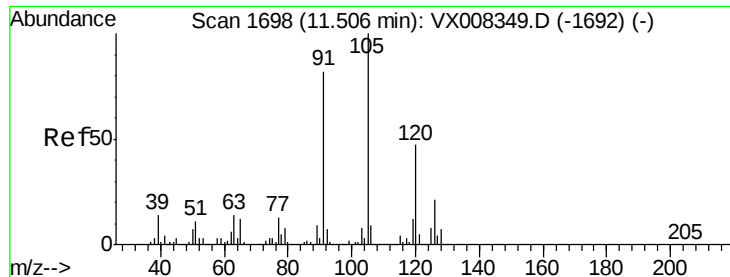
Tgt Ion: 91 Resp: 393411

Ion Ratio Lower Upper

91 100

126 31.5 17.5 52.6

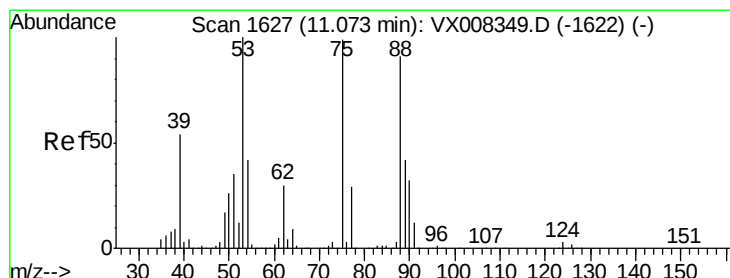
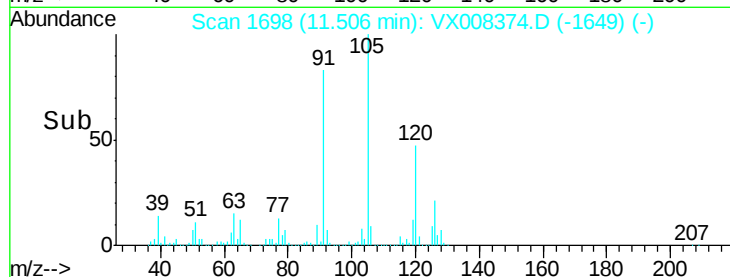
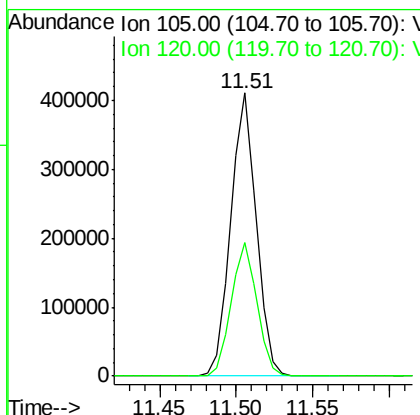
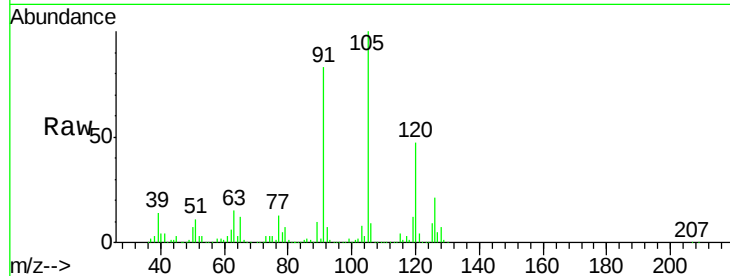




#80
 1,3,5-Trimethylbenzene
 Concen: 47.253 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008374.D
 Acq: 24 Mar 2019 00:45

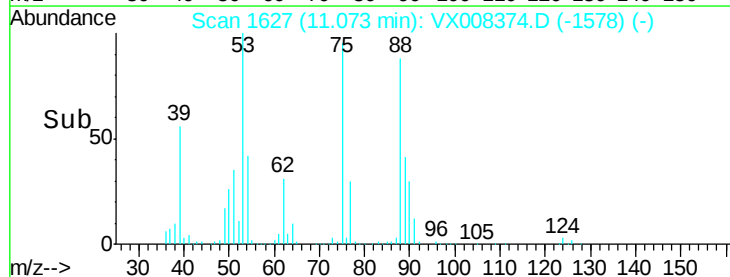
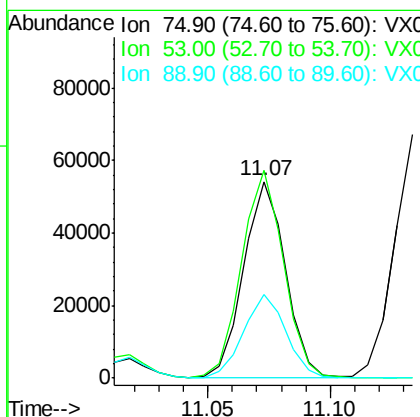
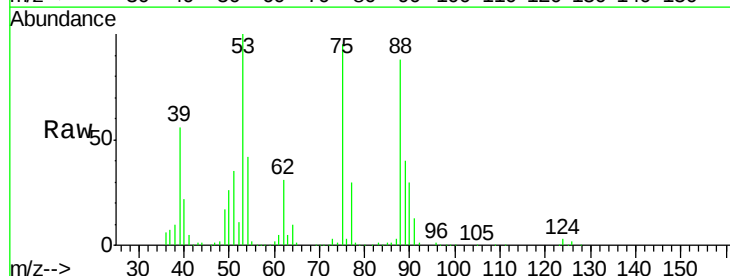
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW309D-20190313MS

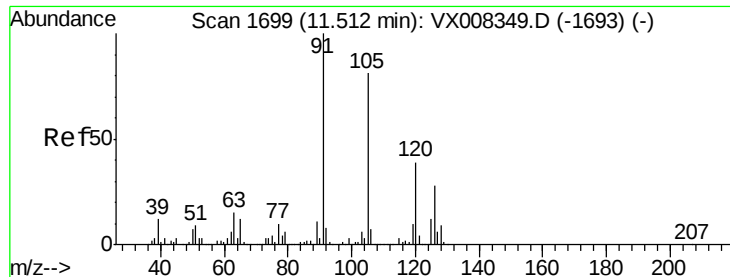
Tot Ion:105 Resp: 474123
 Ion Ratio Lower Upper
 105 100
 120 47.3 24.9 74.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.676 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX008374.D
 Acq: 24 Mar 2019 00:45

Tgt Ion: 75 Resp: 64076
 Ion Ratio Lower Upper
 75 100
 53 106.1 76.1 114.1
 89 43.6 36.3 54.5





#82

4-Chlorotoluene

Concen: 47.040 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

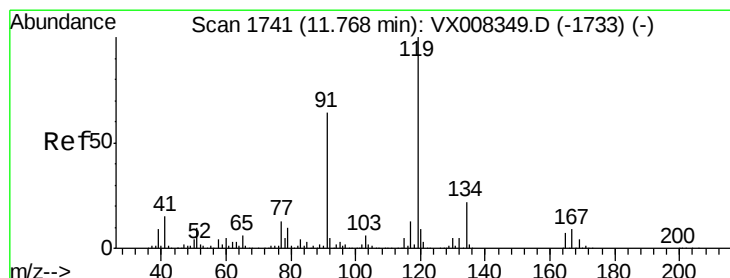
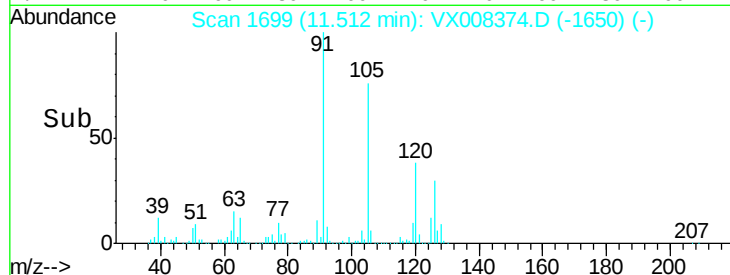
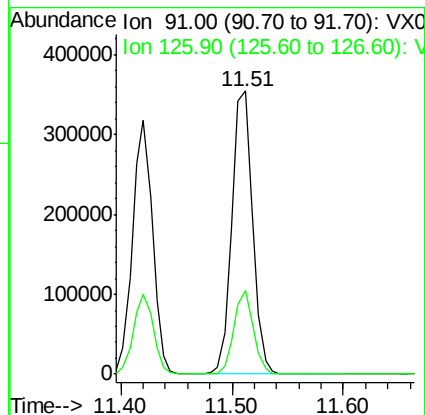
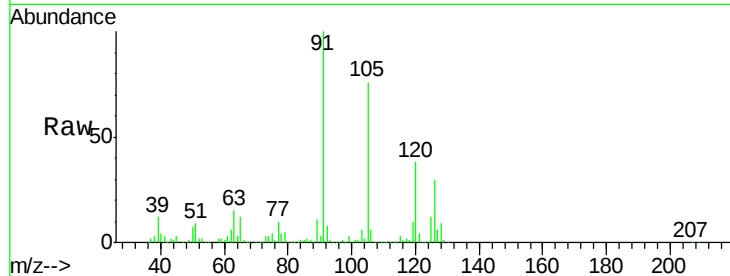
BPS1-TT-MW309D-20190313MS

Tot Ion: 91 Resp: 456426

Ion Ratio Lower Upper

91 100

126 27.8 15.6 46.8



#83

tert-Butylbenzene

Concen: 48.609 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

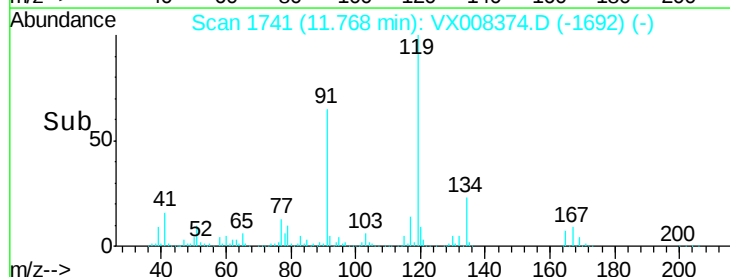
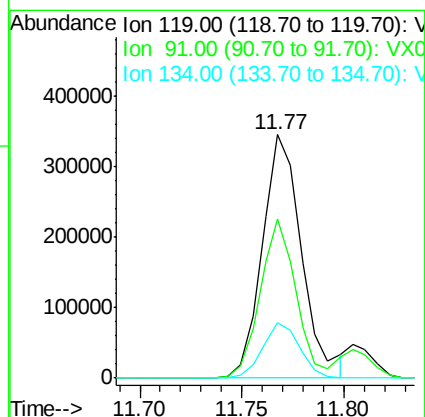
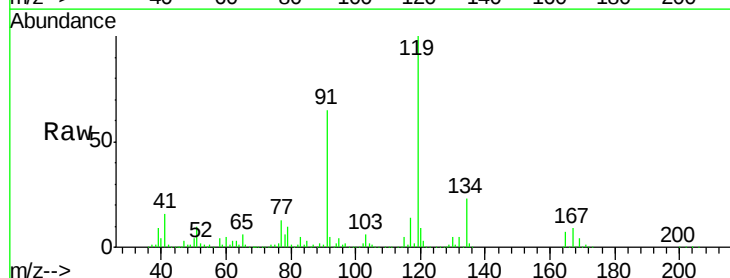
Tgt Ion: 119 Resp: 464446

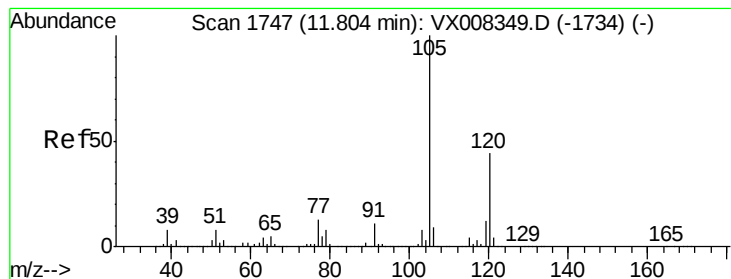
Ion Ratio Lower Upper

119 100

91 59.0 27.1 81.3

134 21.4 11.4 34.1





#84

1,2,4-Trimethylbenzene

Concen: 48.212 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

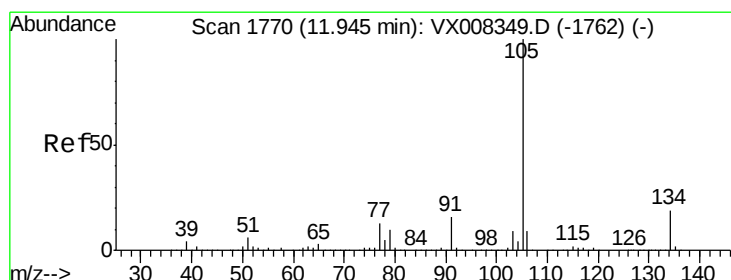
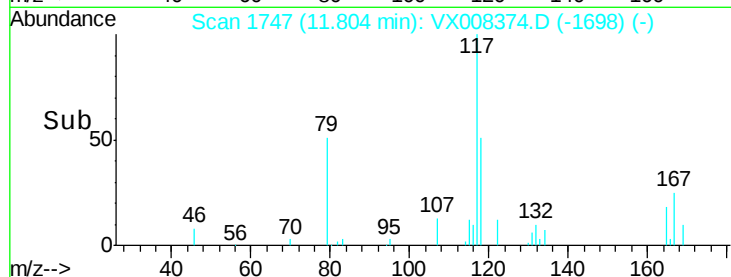
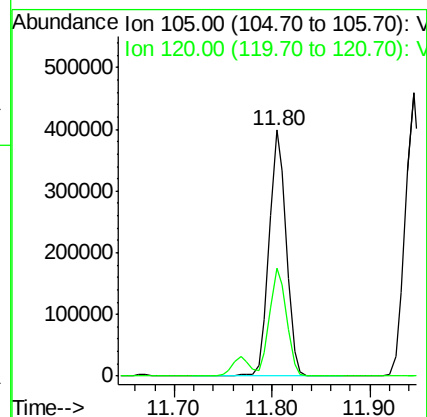
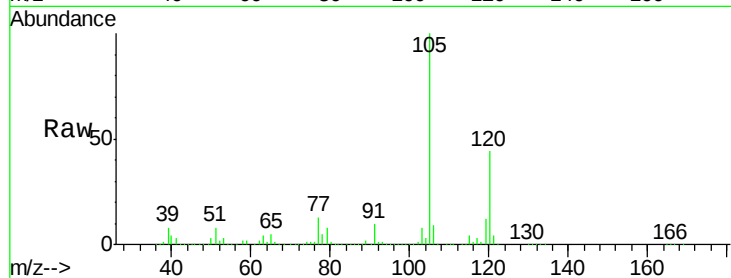
BPS1-TT-MW309D-20190313MS

Tot Ion:105 Resp: 482751

Ion Ratio Lower Upper

105 100

120 43.2 22.6 67.7



#85

sec-Butylbenzene

Concen: 47.494 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008374.D

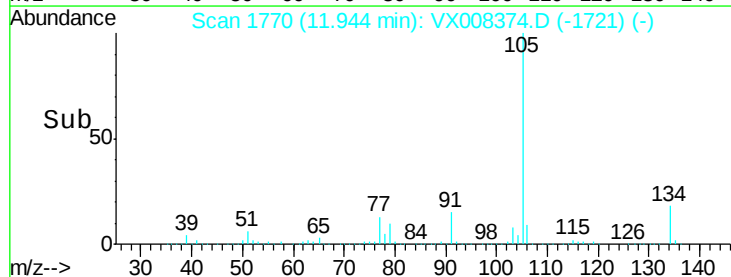
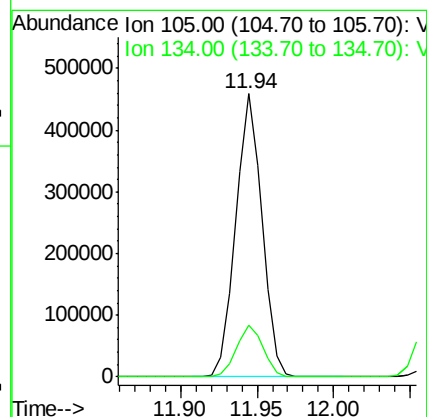
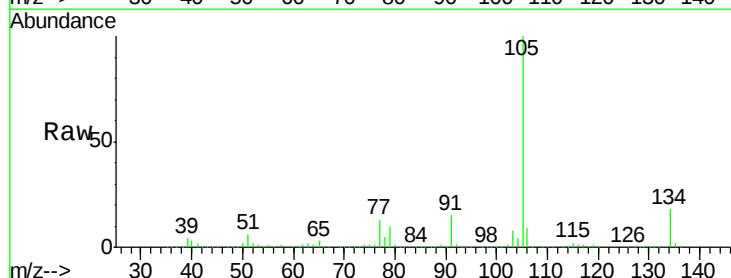
Acq: 24 Mar 2019 00:45

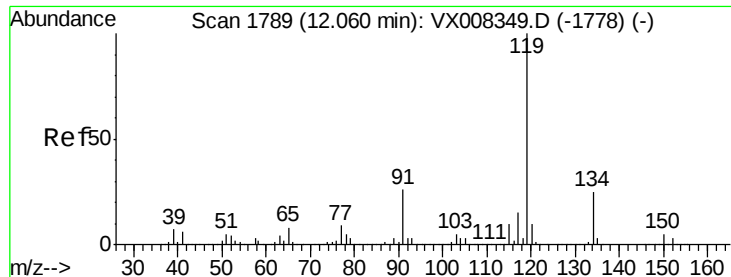
Tgt Ion:105 Resp: 543866

Ion Ratio Lower Upper

105 100

134 18.7 10.4 31.2

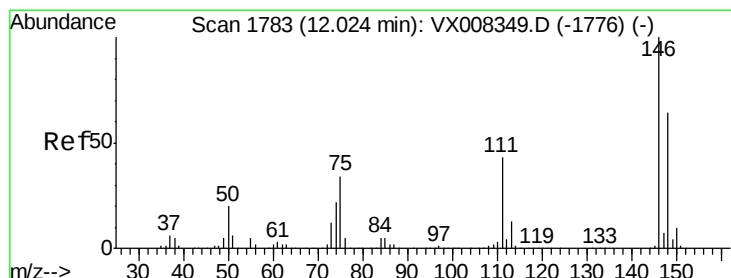
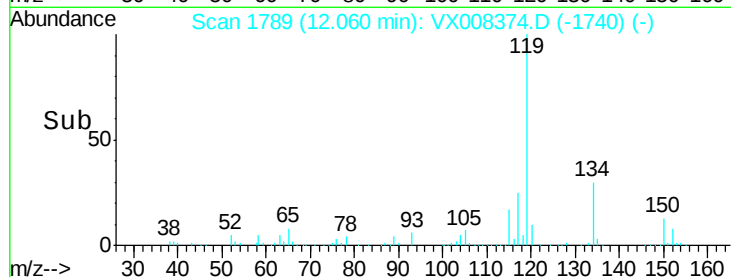
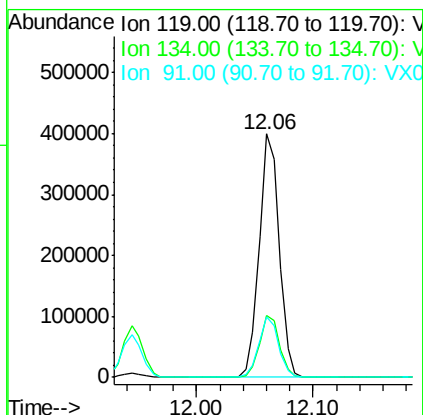
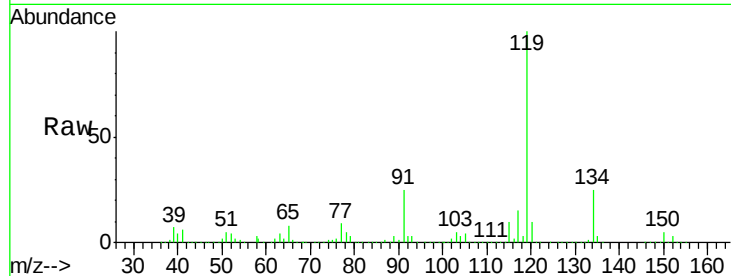




#86
p-Isopropyltoluene
Concen: 47.629 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

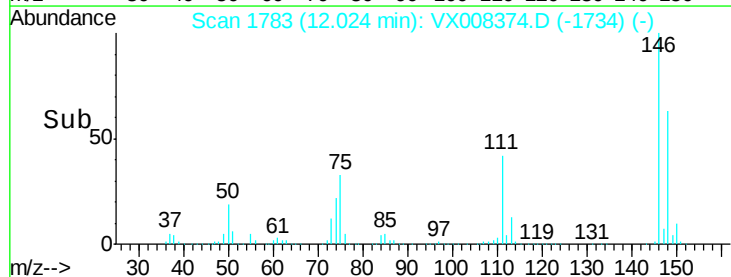
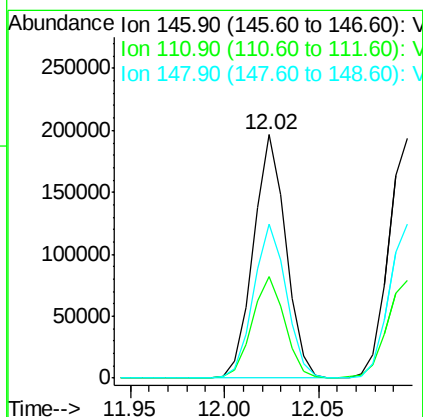
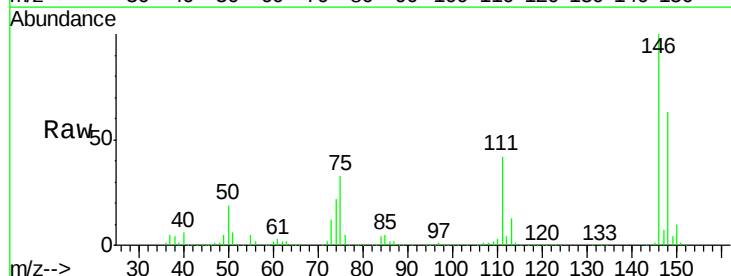
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW309D-20190313MS

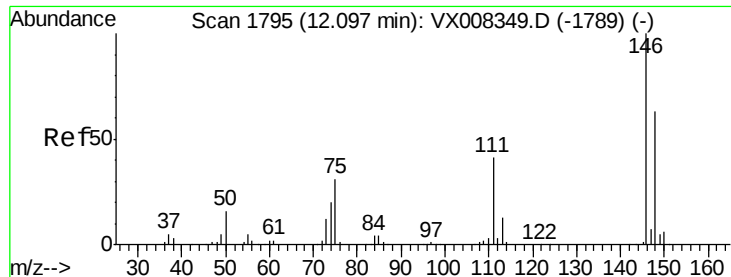
Tot Ion:119 Resp: 480743
Ion Ratio Lower Upper
119 100
134 25.3 13.3 39.9
91 24.7 10.9 32.7



#87
1,3-Dichlorobenzene
Concen: 46.835 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

Tgt Ion:146 Resp: 234761
Ion Ratio Lower Upper
146 100
111 41.8 18.9 56.7
148 64.0 31.7 95.1





#88

1,4-Dichlorobenzene

Concen: 46.363 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313MS

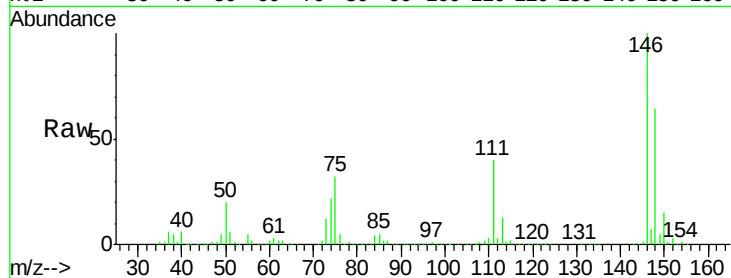
Tot Ion:146 Resp: 236457

Ion Ratio Lower Upper

146 100

111 41.4 18.4 55.0

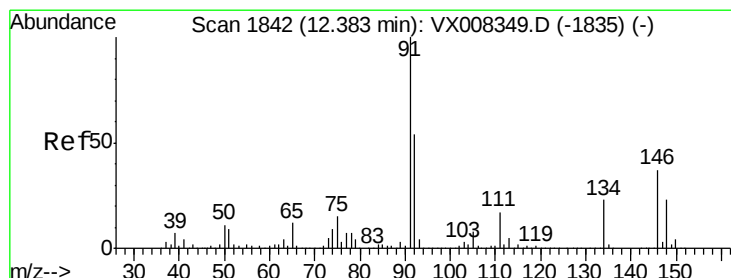
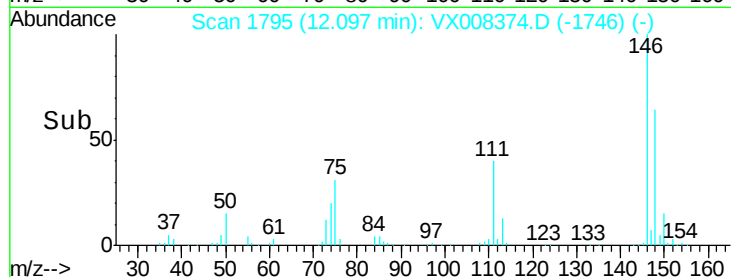
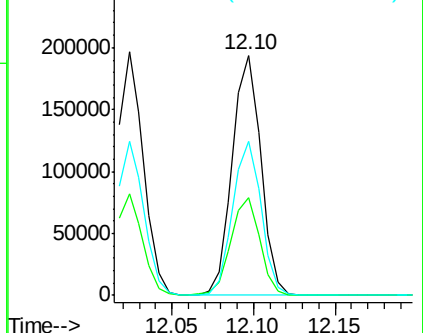
148 63.9 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 47.150 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

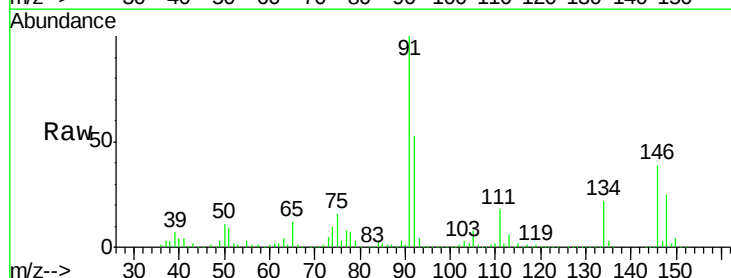
Tgt Ion: 91 Resp: 454330

Ion Ratio Lower Upper

91 100

92 53.0 27.0 80.8

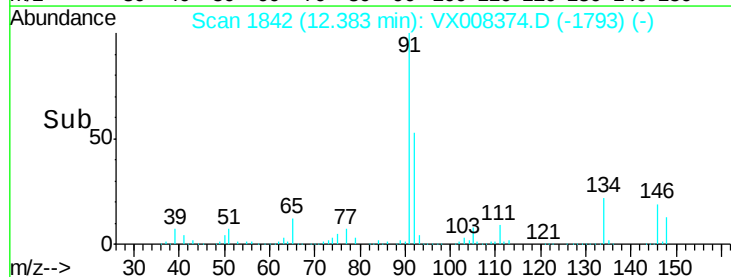
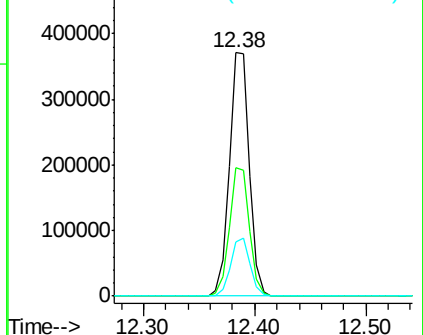
134 23.5 13.7 41.0

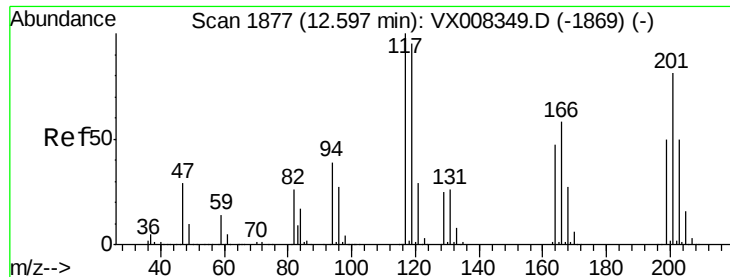


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

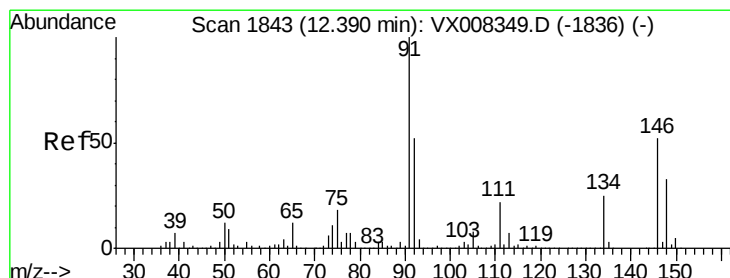
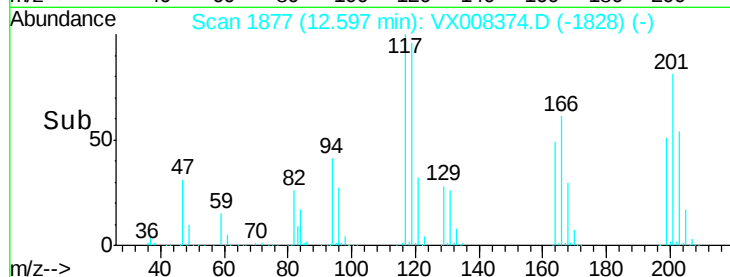
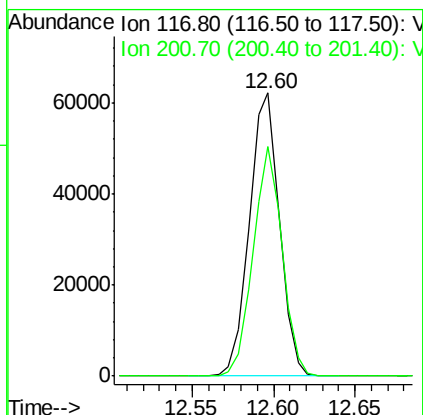
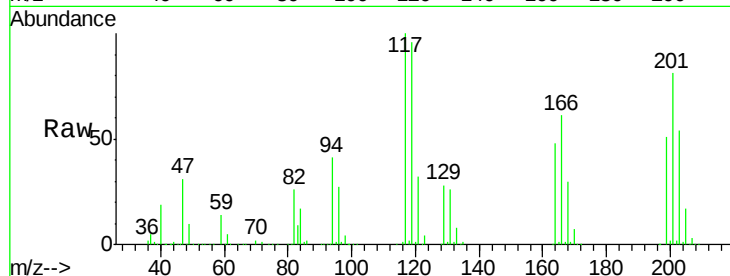




#90
Hexachloroethane
Concen: 48.037 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

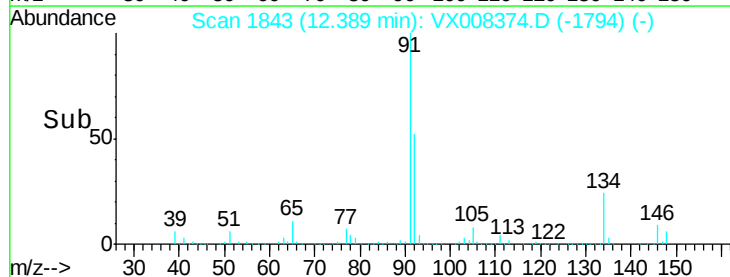
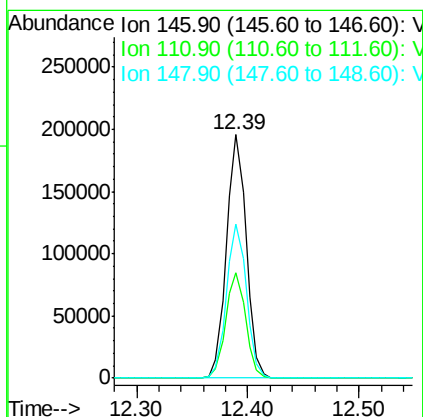
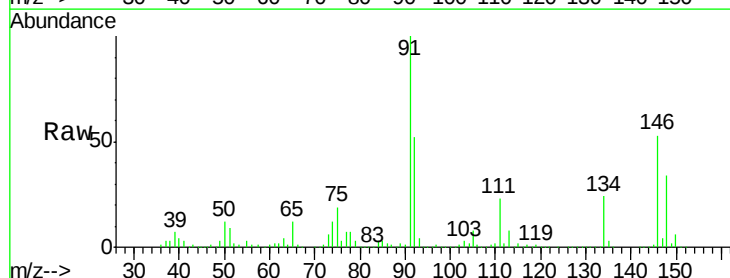
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW309D-20190313MS

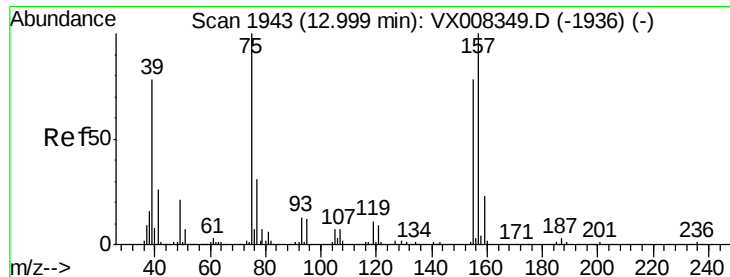
Tot Ion:117 Resp: 80090
Ion Ratio Lower Upper
117 100
201 78.0 48.9 146.7



#91
1,2-Dichlorobenzene
Concen: 47.265 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

Tgt Ion:146 Resp: 239944
Ion Ratio Lower Upper
146 100
111 43.8 19.6 58.8
148 64.0 31.9 95.5





#92

1,2-Dibromo-3-Chloropropane

Concen: 49.670 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313MS

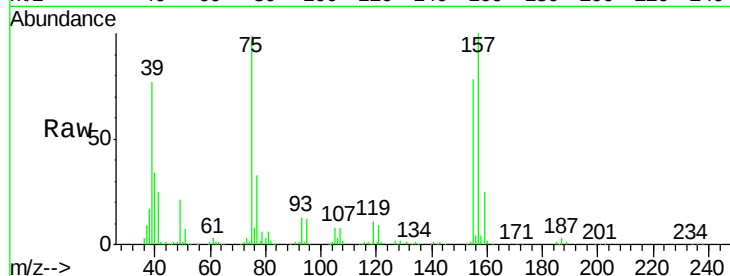
Tot Ion: 75 Resp: 49736

Ion Ratio Lower Upper

75 100

155 76.8 49.7 149.1

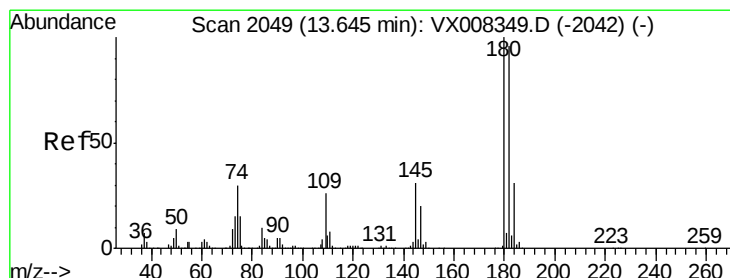
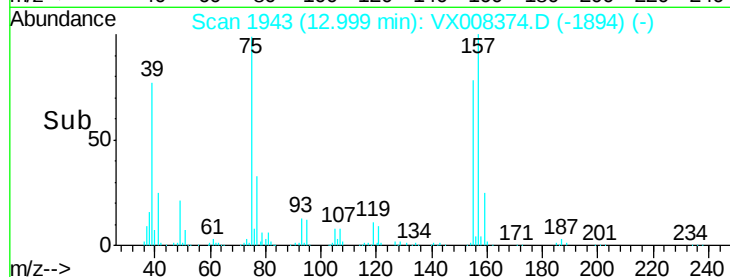
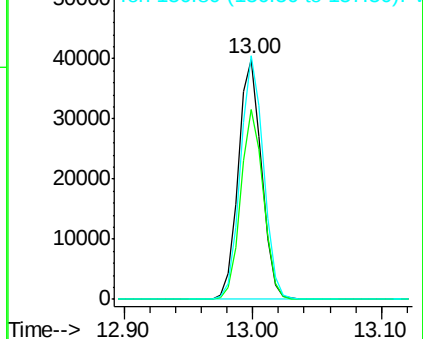
157 99.4 63.8 191.4



Abundance Ion 74.90 (74.60 to 75.60): VX008374.D (-1894) (-)

Ion 154.80 (154.50 to 155.50): VX008374.D (-1894) (-)

Ion 156.80 (156.50 to 157.50): VX008374.D (-1894) (-)



#93

1,2,4-Trichlorobenzene

Concen: 47.019 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

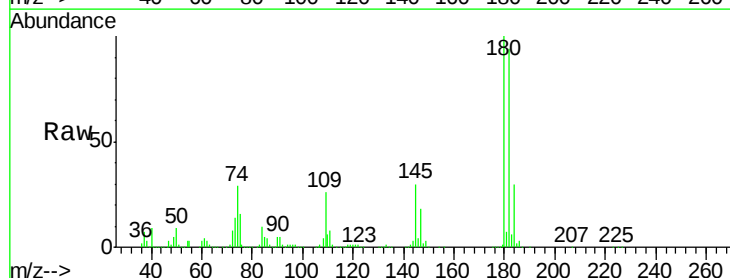
Tgt Ion: 180 Resp: 160959

Ion Ratio Lower Upper

180 100

182 94.4 47.9 143.7

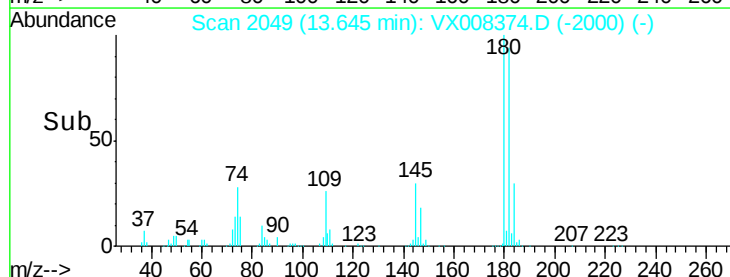
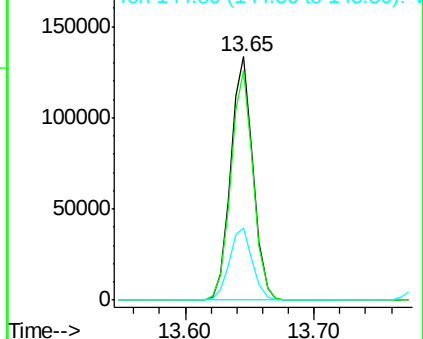
145 30.8 14.1 42.4

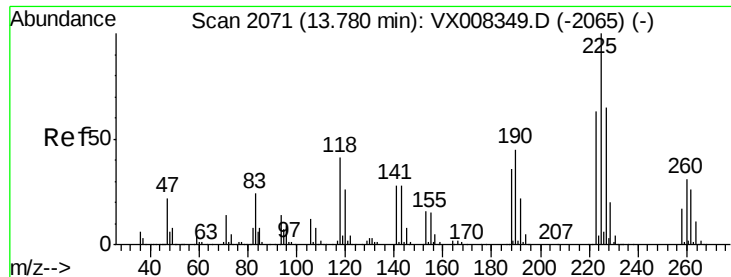


Abundance Ion 179.80 (179.50 to 180.50): VX008374.D (-2000) (-)

Ion 181.80 (181.50 to 182.50): VX008374.D (-2000) (-)

Ion 144.80 (144.50 to 145.50): VX008374.D (-2000) (-)





#94

Hexachlorobutadiene

Concen: 45.600 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313MS

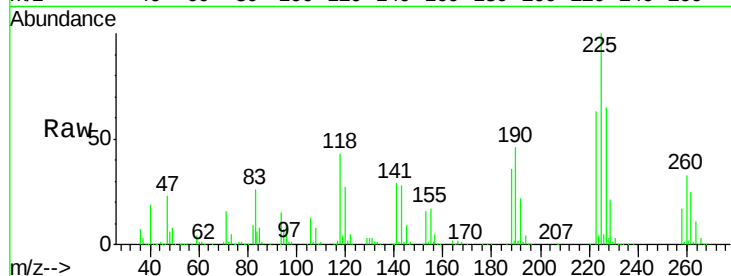
Tot Ion:225 Resp: 73772

Ion Ratio Lower Upper

225 100

223 62.9 31.1 93.2

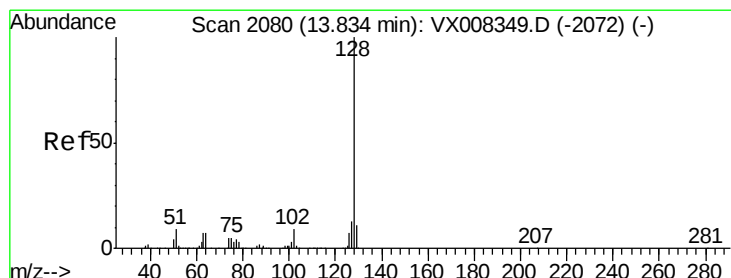
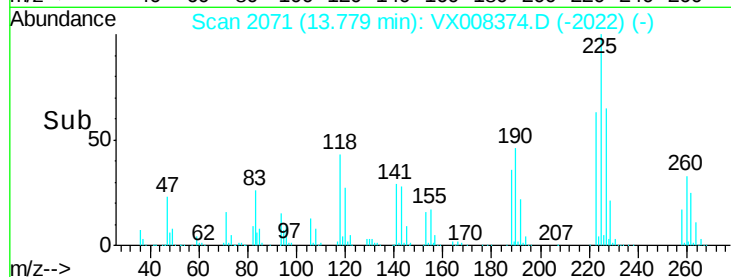
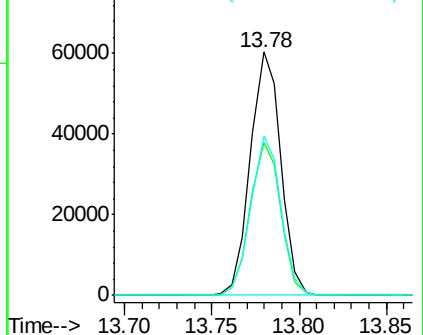
227 64.3 32.0 96.0



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: 47.856 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

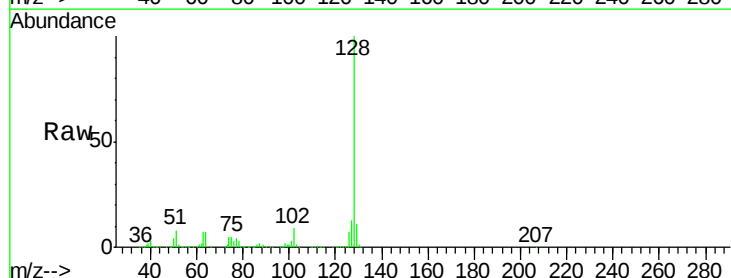
Tgt Ion:128 Resp: 575305

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

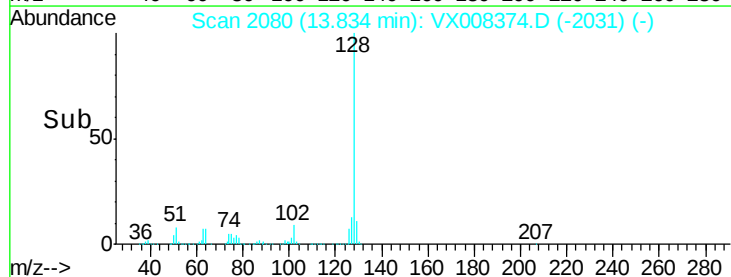
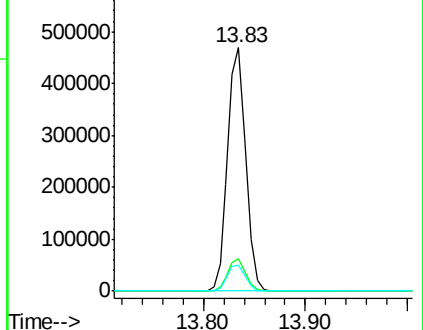
129 10.8 8.7 13.1

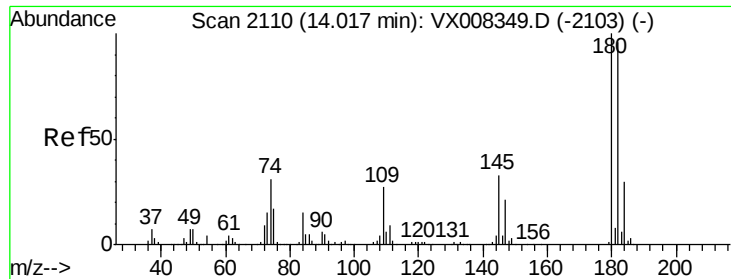


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

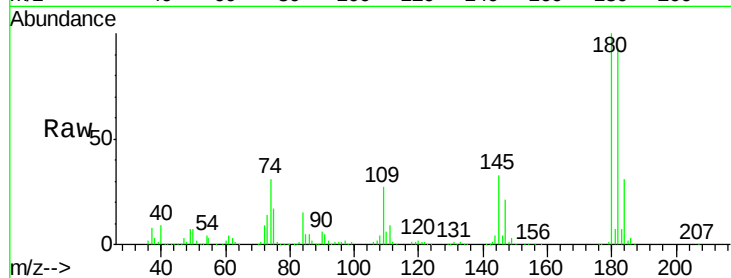




#96
 1,2,3-Trichlorobenzene
 Concen: 46.819 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX008374.D
 Acq: 24 Mar 2019 00:45

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW309D-20190313MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.5	142.5
145	32.9	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

