

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX022619\
 Data File : VX007712.D
 Acq On : 26 Feb 2019 14:39
 Operator : JC/SP
 Sample : K1578-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-EB-20190221

Quant Time: Feb 26 15:16:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	348276	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	594755	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	559199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	253758	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	211698	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
35) Dibromofluoromethane	5.50	113	197090	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
50) Toluene-d8	8.71	98	724363	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	
62) 4-Bromofluorobenzene	11.13	95	250869	44.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	159	0.050	ug/l	85
3) Chloromethane	1.33	50	610	0.172	ug/l #	62
4) Vinyl Chloride	1.40	62	118	0.032	ug/l #	86
5) Bromomethane	1.67	94	342	Below Cal	#	40
6) Chloroethane	1.65	64	721	0.309	ug/l #	61
7) Trichlorofluoromethane	1.95	101	377	0.067	ug/l #	81
8) Diethyl Ether	2.20	74	186	0.081	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.39	101	120	0.036	ug/l #	1
10) Methyl Iodide	2.51	142	324	0.077	ug/l #	12
11) Tert butyl alcohol	3.02	59	4085	4.991	ug/l #	78
12) 1,1-Dichloroethene	2.37	96	219	0.072	ug/l #	17
13) Acrolein	2.31	56	572	0.786	ug/l #	68
14) Allyl chloride	2.76	41	435	0.077	ug/l #	24
15) Acrylonitrile	3.16	53	323	0.168	ug/l #	12
16) Acetone	2.45	43	13832	7.210	ug/l	93
17) Carbon Disulfide	2.57	76	1588	0.187	ug/l #	84
18) Methyl Acetate	2.78	43	1035	0.247	ug/l #	63
19) Methyl tert-butyl Ether	3.20	73	112	0.011	ug/l #	53
20) Methylene Chloride	2.85	84	3022	0.853	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	316	0.095	ug/l #	1
22) Diisopropyl ether	3.87	45	246	0.021	ug/l #	74
23) Vinyl Acetate	3.84	43	905	0.088	ug/l #	1
24) 1,1-Dichloroethane	3.70	63	372	0.058	ug/l #	1
25) 2-Butanone	4.71	43	4139	1.416	ug/l	94
26) 2,2-Dichloropropane	4.46	77	171	0.034	ug/l	95
27) cis-1,2-Dichloroethene	4.51	96	187	0.044	ug/l	41
28) Bromochloromethane	5.01	49	105	0.034	ug/l #	5
29) Tetrahydrofuran	5.16	42	2587	1.343	ug/l #	51
30) Chloroform	5.10	83	99	0.015	ug/l	100
31) Cyclohexane	5.58	56	297	0.050	ug/l #	16
32) 1,1,1-Trichloroethane	5.51	97	301	0.053	ug/l #	24
36) 1,1-Dichloropropene	5.67	75	24779	4.634	ug/l #	49
37) Ethyl Acetate	4.87	43	376	0.063	ug/l #	59
38) Carbon Tetrachloride	5.66	117	33046	6.152	ug/l #	17

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.55	83	87	0.013	ug/l	96
40) Benzene	6.14	78	85	0.005	ug/l #	58
41) Methacrylonitrile	5.03	41	361	0.114	ug/l #	61
42) 1,2-Dichloroethane	6.21	62	416	0.075	ug/l #	1
43) Isopropyl Acetate	6.45	43	263	0.029	ug/l #	14
44) Trichloroethene	7.23	130	207	0.046	ug/l	4
45) 1,2-Dichloropropane	7.53	63	262	0.061	ug/l #	55
46) Dibromomethane	7.65	93	150	0.050	ug/l #	49
47) Bromodichloromethane	7.91	83	125	0.024	ug/l #	61
48) Methyl methacrylate	7.79	41	208	0.043	ug/l #	17
49) 1,4-Dioxane	7.77	88	187	1.807	ug/l #	25
51) 4-Methyl-2-Pentanone	8.65	43	2645	0.432	ug/l	88
52) Toluene	8.79	92	6579	0.632	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	449	2.869	ug/l #	43
54) cis-1,3-Dichloropropene	8.43	75	413	0.066	ug/l #	54
55) 1,1,2-Trichloroethane	9.23	97	224	0.052	ug/l #	36
56) Ethyl methacrylate	9.17	69	514	0.083	ug/l #	25
57) 1,3-Dichloropropane	9.16	76	143	0.021	ug/l	93
58) 2-Chloroethyl Vinyl ether	8.41	63	492	0.145	ug/l	91
59) 2-Hexanone	9.50	43	127	0.026	ug/l #	1
60) Dibromochloromethane	9.73	129	160	0.038	ug/l	69
61) 1,2-Dibromoethane	9.80	107	203	0.045	ug/l	86
64) Tetrachloroethene	9.34	164	317	0.070	ug/l #	37
65) Chlorobenzene	10.13	112	994	0.082	ug/l #	72
66) 1,1,1,2-Tetrachloroethane	10.21	131	198	0.047	ug/l #	60
67) Ethyl Benzene	10.26	91	462	0.023	ug/l	90
68) m/p-Xylenes	10.37	106	650	0.083	ug/l #	48
69) o-Xylene	10.71	106	373	0.050	ug/l	68
70) Styrene	10.72	104	682	0.055	ug/l	95
71) Bromoform	11.01	173	105	0.033	ug/l #	29
73) Isopropylbenzene	11.13	105	634	0.035	ug/l	75
74) N-amyl acetate	10.90	43	255	0.032	ug/l #	51
75) 1,1,2,2-Tetrachloroethane	11.25	83	360	0.057	ug/l #	28
76) 1,2,3-Trichloropropane	11.13	75	121773	22.513	ug/l #	33
77) Bromobenzene	11.25	156	284	0.062	ug/l	66
78) n-propylbenzene	11.37	91	778	0.038	ug/l	85
79) 2-Chlorotoluene	11.32	91	258	0.021	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	379	0.025	ug/l	80
81) trans-1,4-Dichloro-2-buten	11.13	75	121773	59.707	ug/l #	9
82) 4-Chlorotoluene	11.32	91	258	0.018	ug/l	96
83) tert-Butylbenzene	11.77	119	151	0.011	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.76	105	184	0.012	ug/l	80
85) sec-Butylbenzene	11.86	105	226	0.013	ug/l	90
86) p-Isopropyltoluene	12.07	119	598	0.038	ug/l #	1
87) 1,3-Dichlorobenzene	12.02	146	448	0.053	ug/l #	60
88) 1,4-Dichlorobenzene	12.08	146	649	0.075	ug/l #	1
89) n-Butylbenzene	12.38	91	575	0.041	ug/l	78
90) Hexachloroethane	12.79	117	45	0.017	ug/l	87
91) 1,2-Dichlorobenzene	12.39	146	424	0.050	ug/l	86
92) 1,2-Dibromo-3-Chloropropan	13.04	75	69	0.050	ug/l	74

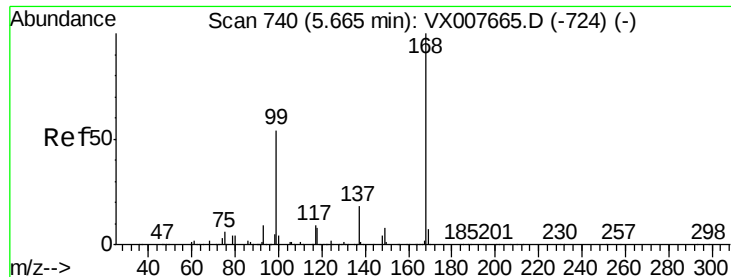
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX022619\
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Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	373	0.072	ug/l	70
94) Hexachlorobutadiene	13.77	225	67	0.028	ug/l #	18
95) Naphthalene	13.83	128	1267	0.076	ug/l #	36
96) 1,2,3-Trichlorobenzene	14.02	180	411	0.079	ug/l	87

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

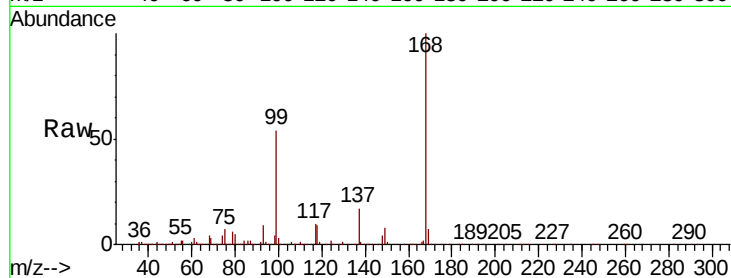
BP-VPB201-EB-20190221

Tgt Ion:168 Resp: 348276

Ion Ratio Lower Upper

168 100

99 54.3 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

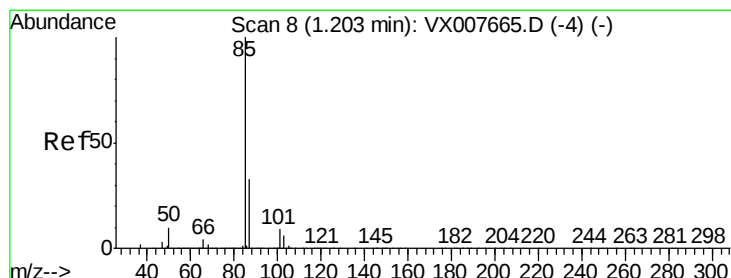
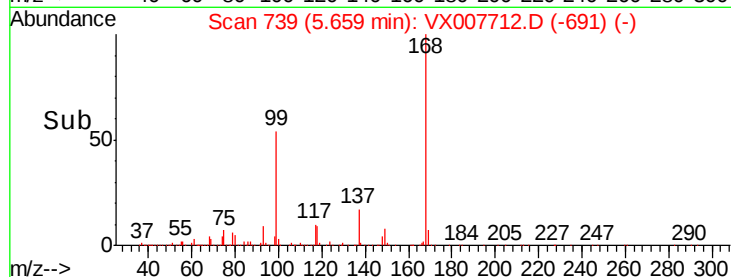
5.66

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.050 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.01 min

Lab File: VX007712.D

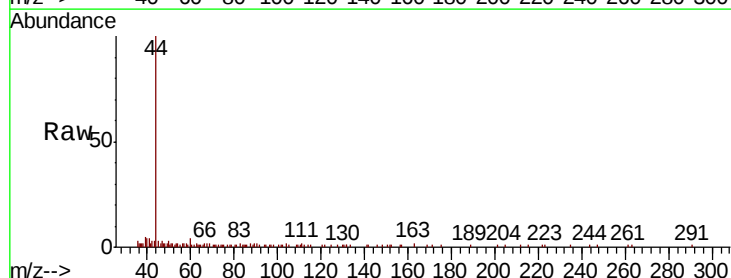
Acq: 26 Feb 2019 14:39

Tgt Ion: 85 Resp: 159

Ion Ratio Lower Upper

85 100

87 23.4 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200

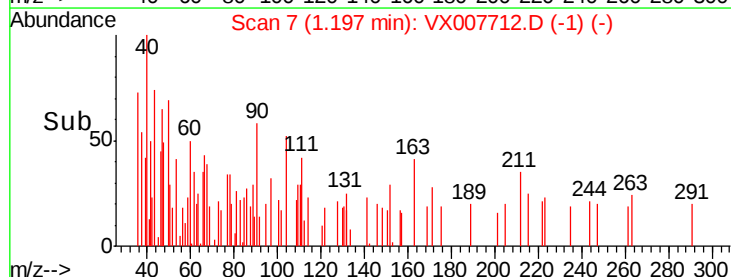
150

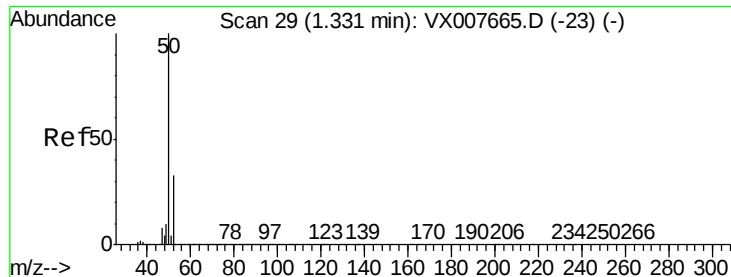
100

50

0

Time-->

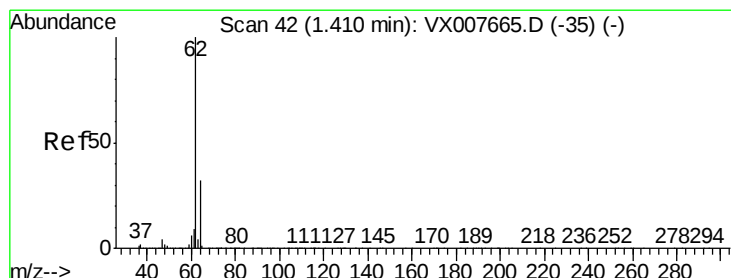
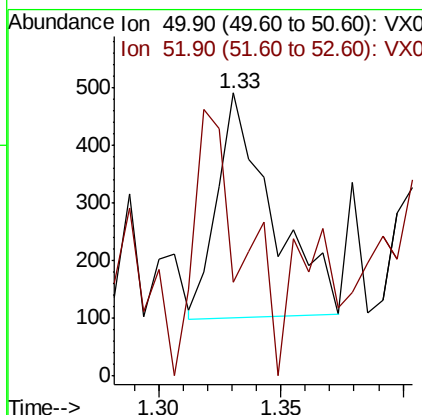
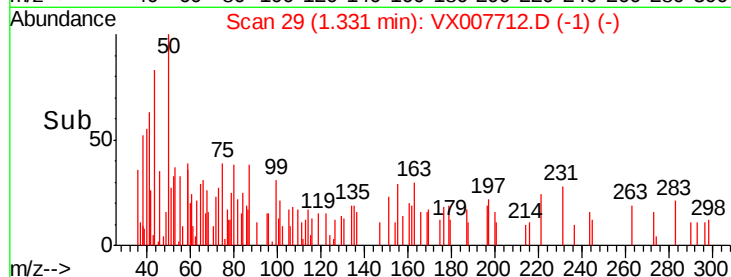
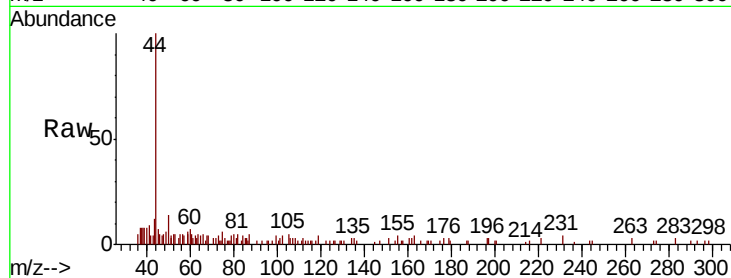




#3
Chloromethane
Concen: 0.172 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX007712.D
Acq: 26 Feb 2019 14:39

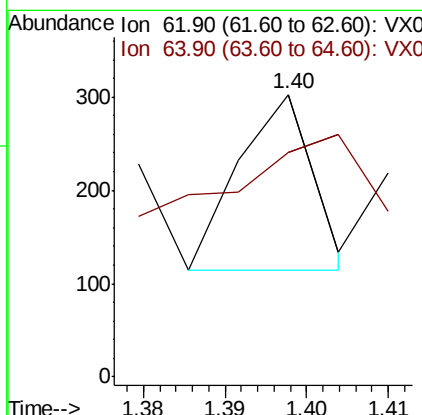
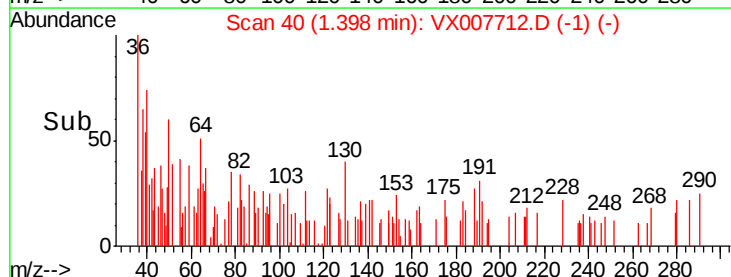
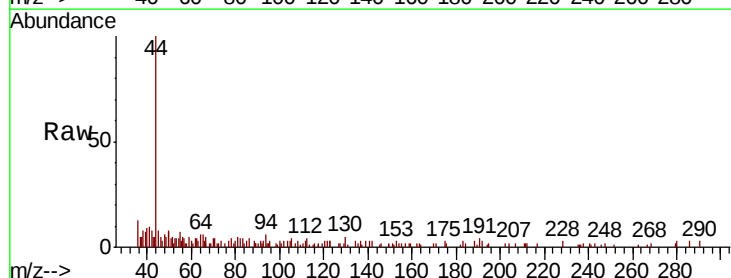
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-EB-20190221

Tgt Ion: 50 Resp: 610
Ion Ratio Lower Upper
50 100
52 11.5 26.1 39.1#



#4
Vinyl Chloride
Concen: 0.032 ug/l
RT: 1.40 min Scan# 40
Delta R.T. -0.01 min
Lab File: VX007712.D
Acq: 26 Feb 2019 14:39

Tgt Ion: 62 Resp: 118
Ion Ratio Lower Upper
62 100
64 23.9 25.4 38.0#





#5

Bromomethane

Concen: Below Cal

RT: 1.67 min Scan# 85

Delta R.T. 0.03 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

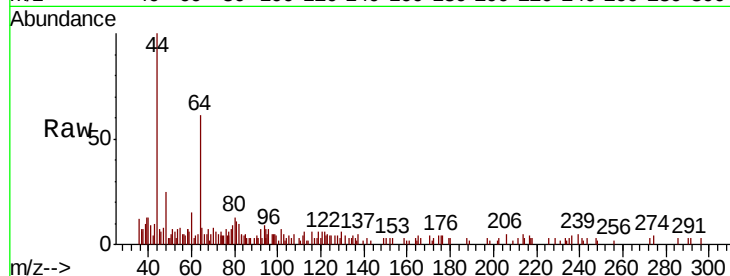
BP-VPB201-EB-20190221

Tgt Ion: 94 Resp: 342

Ion Ratio Lower Upper

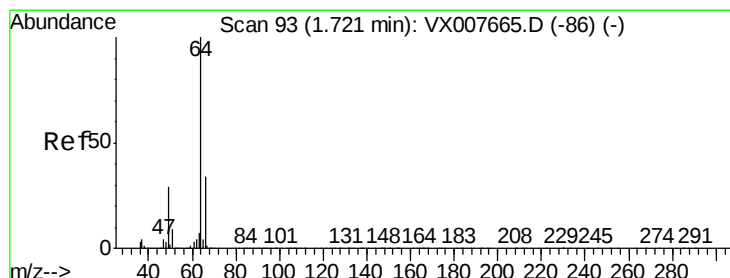
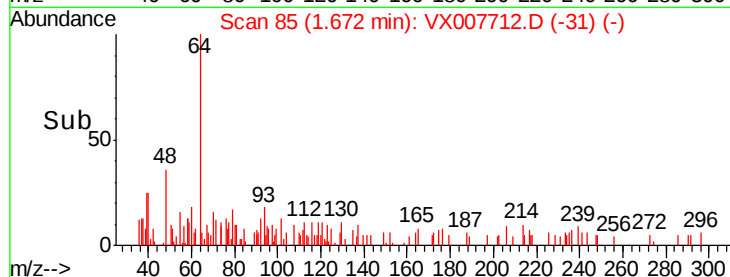
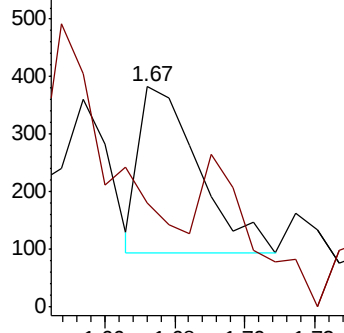
94 100

96 34.9 73.9 110.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.309 ug/l

RT: 1.65 min Scan# 81

Delta R.T. -0.07 min

Lab File: VX007712.D

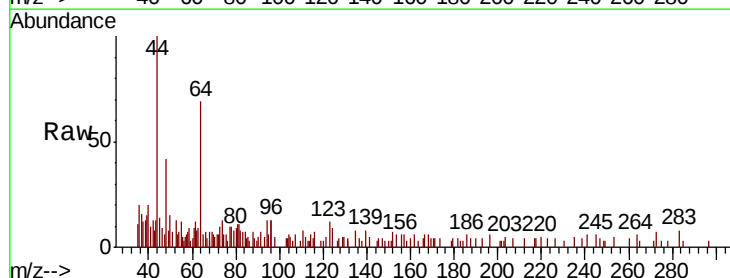
Acq: 26 Feb 2019 14:39

Tgt Ion: 64 Resp: 721

Ion Ratio Lower Upper

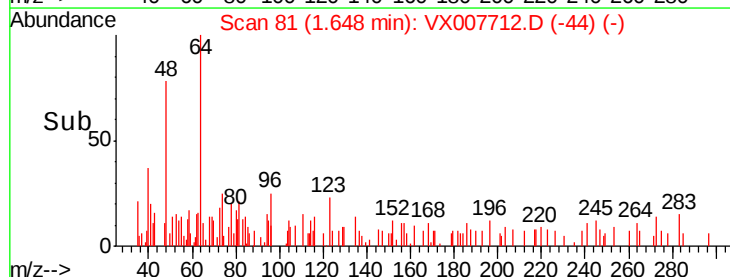
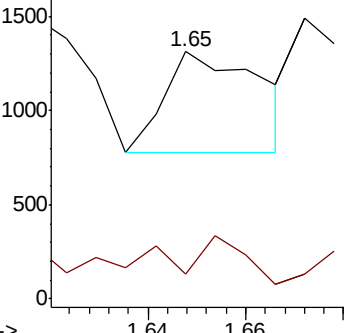
64 100

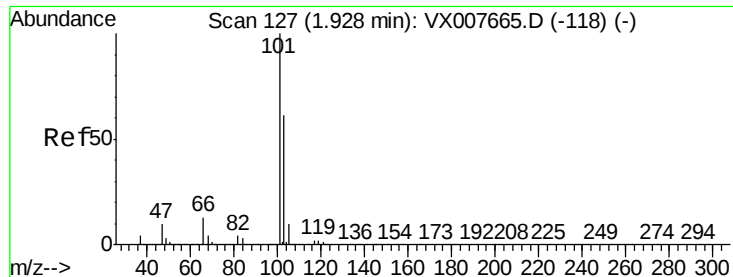
66 9.9 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



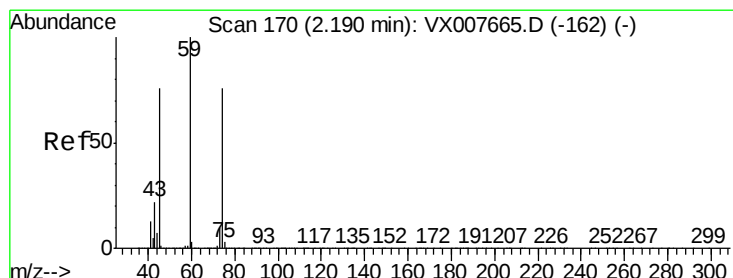
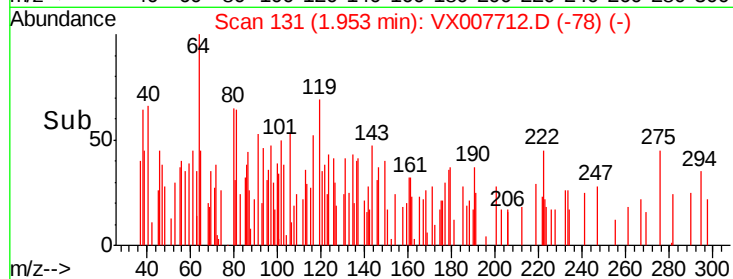
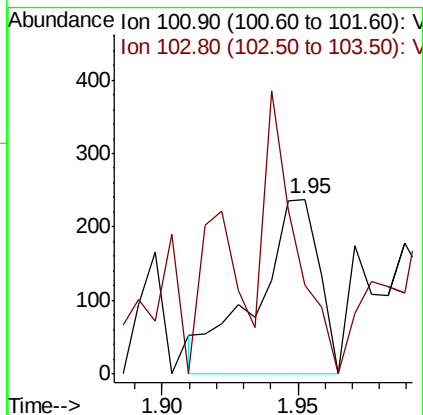
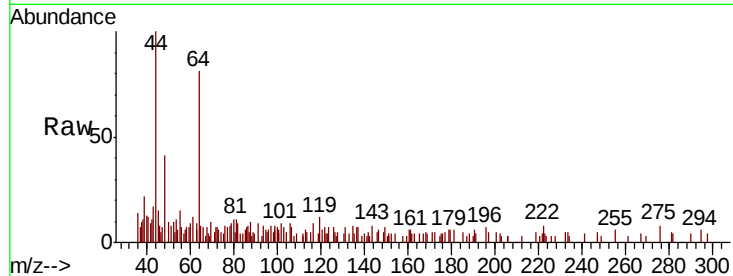


#7

Trichlorofluoromethane
Concen: 0.067 ug/l
RT: 1.95 min Scan# 131
Delta R.T. 0.02 min
Lab File: VX007712.D
Acq: 26 Feb 2019 14:39

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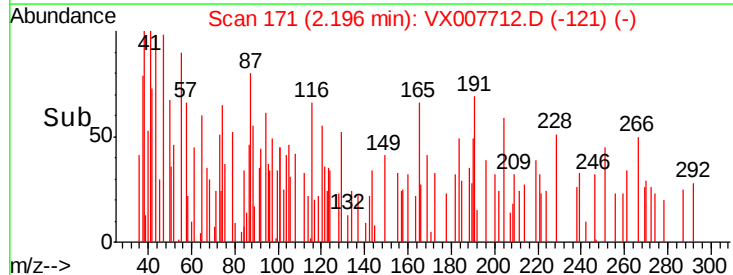
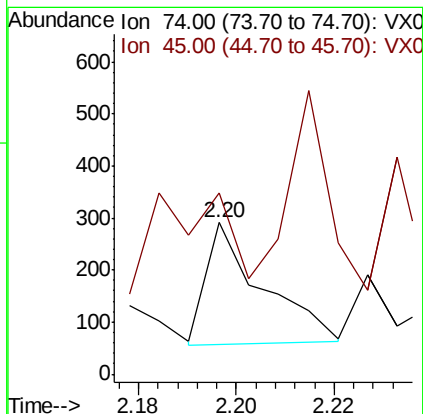
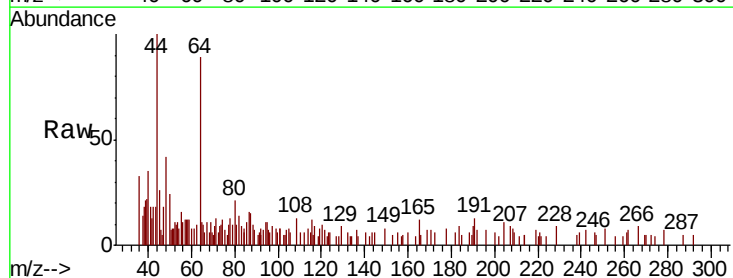
Tgt Ion: 101 Resp: 377
Ion Ratio Lower Upper
101 100
103 50.8 52.6 79.0#

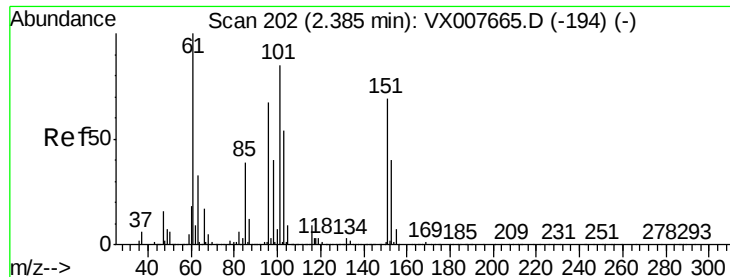


#8

Diethyl Ether
Concen: 0.081 ug/l
RT: 2.20 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX007712.D
Acq: 26 Feb 2019 14:39

Tgt Ion: 74 Resp: 186
Ion Ratio Lower Upper
74 100
45 103.8 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.036 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-EB-20190221

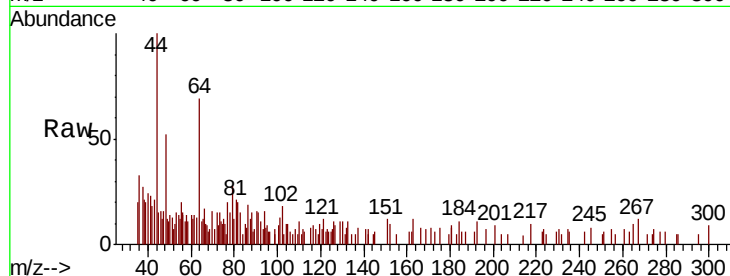
Tgt Ion:101 Resp: 120

Ion Ratio Lower Upper

101 100

85 199.2 34.1 51.1#

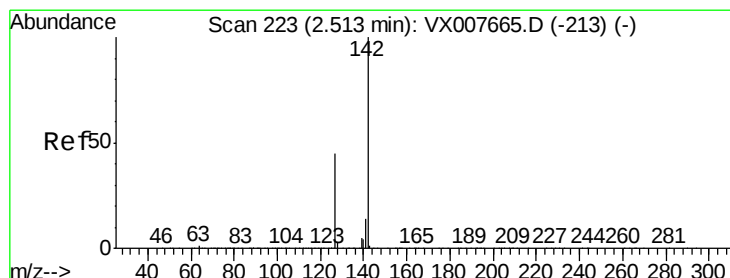
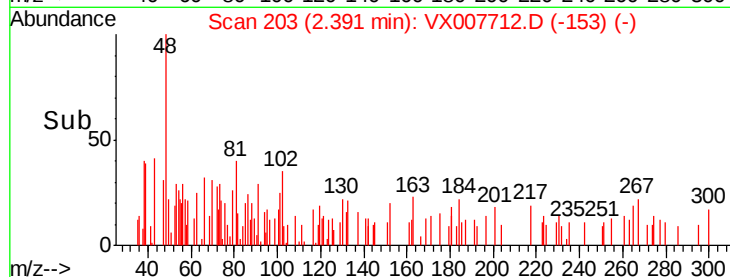
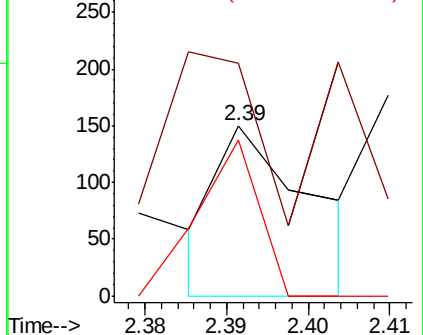
151 60.0 69.9 104.9#



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: 0.077 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

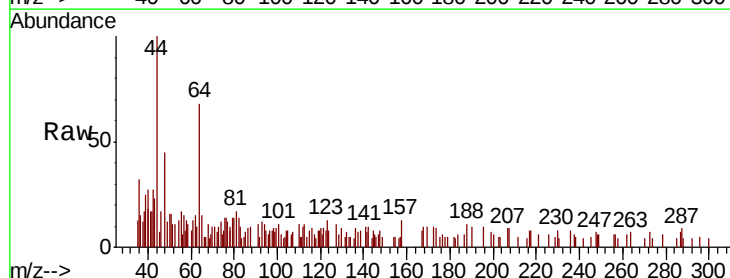
Tgt Ion:142 Resp: 324

Ion Ratio Lower Upper

142 100

127 0.0 33.7 50.5#

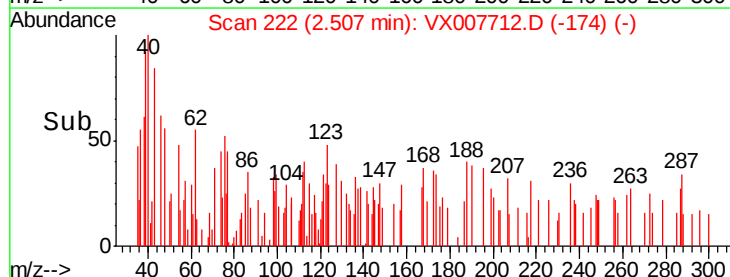
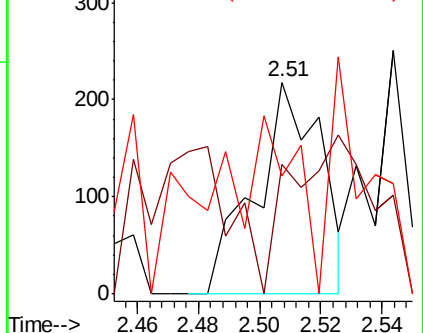
141 75.9 11.3 16.9#

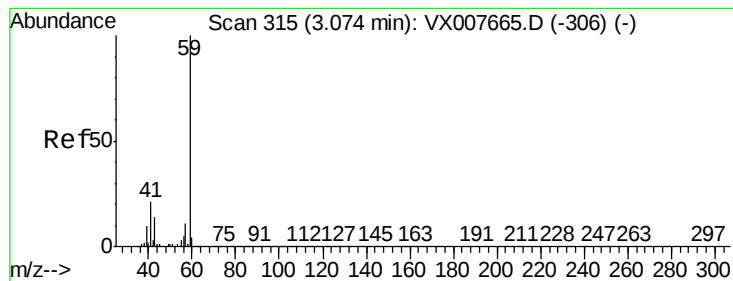


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



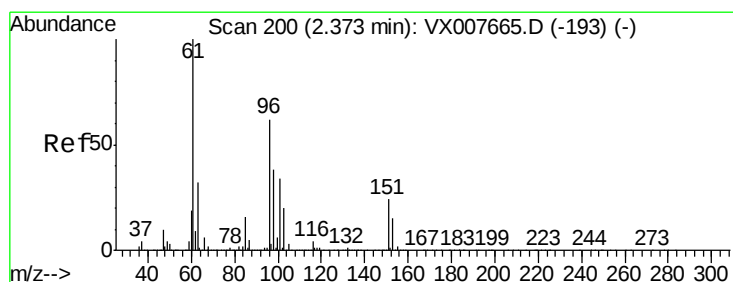
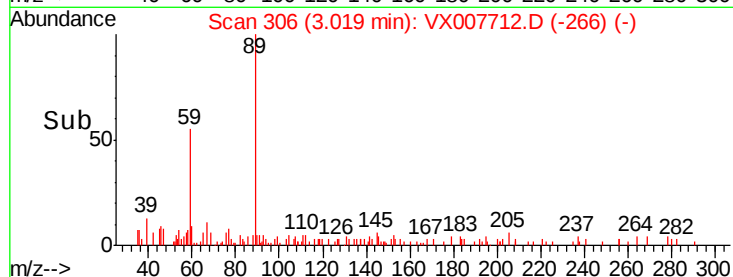
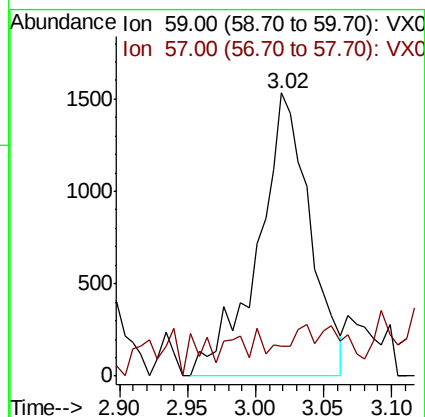
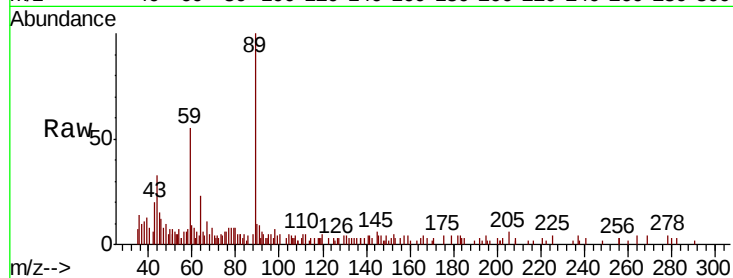


#11

Tert butyl alcohol
Concen: 4.991 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.05 min
Lab File: VX007712.D
Acq: 26 Feb 2019 14:39

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-EB-20190221

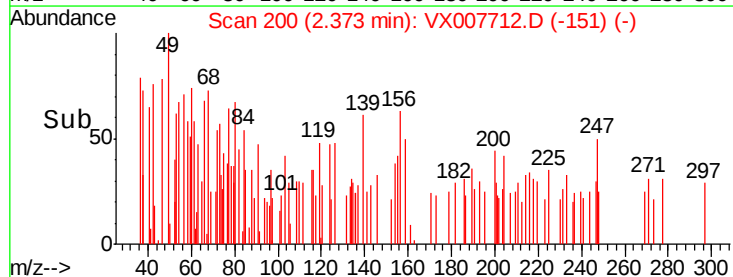
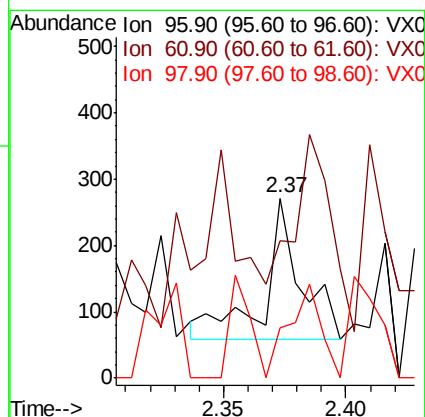
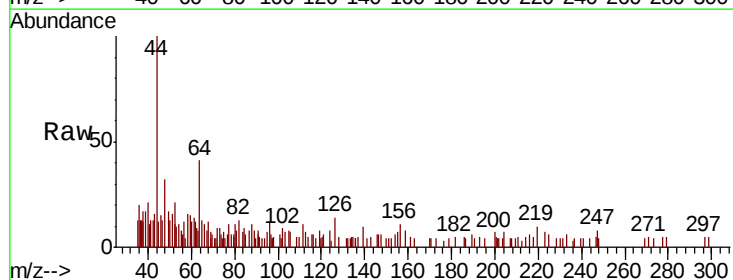
Tgt Ion: 59 Resp: 4085
Ion Ratio Lower Upper
59 100
57 2.1 8.1 12.1#

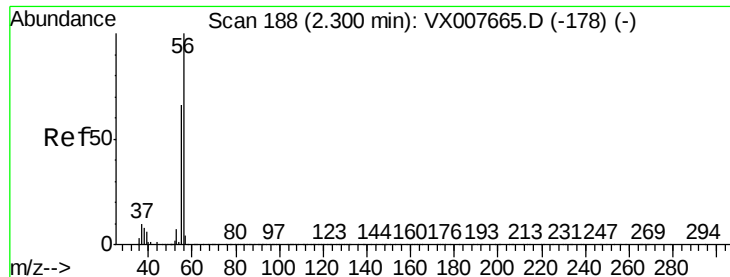


#12

1,1-Dichloroethene
Concen: 0.072 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX007712.D
Acq: 26 Feb 2019 14:39

Tgt Ion: 96 Resp: 219
Ion Ratio Lower Upper
96 100
61 21.2 123.0 184.4#
98 35.8 50.9 76.3#

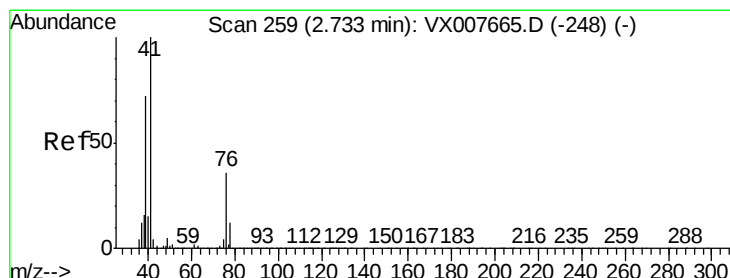
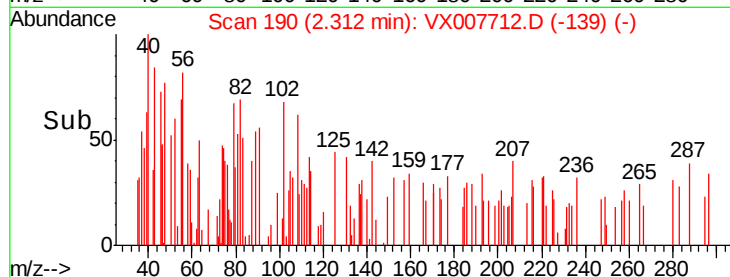
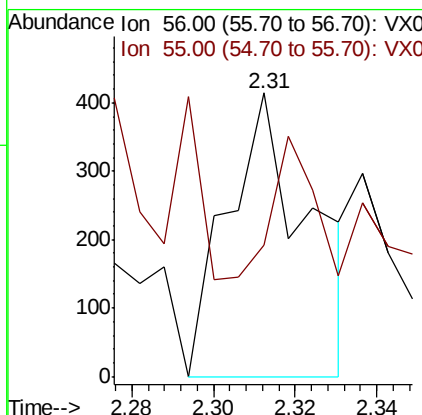
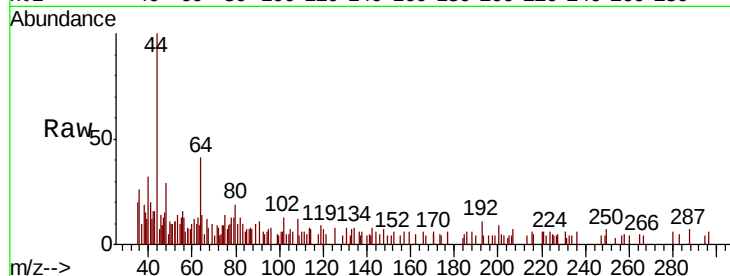




#13
Acrolein
Concen: 0.786 ug/l
RT: 2.31 min Scan# 190
Delta R.T. 0.01 min
Lab File: VX007712.D
Acq: 26 Feb 2019 14:39

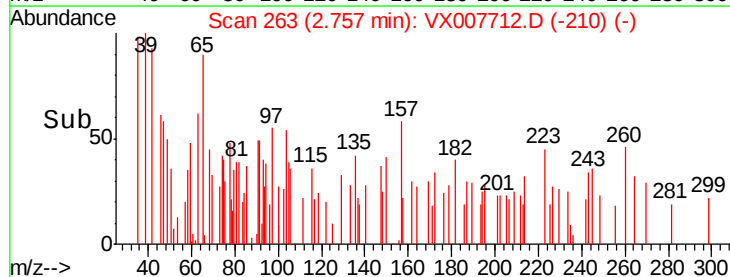
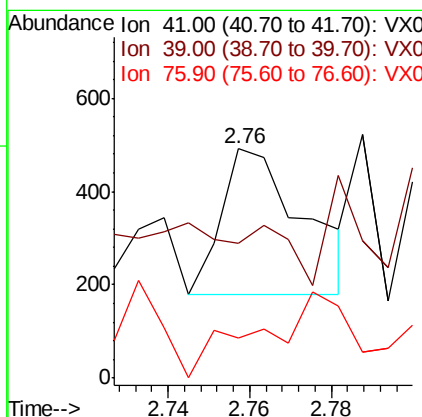
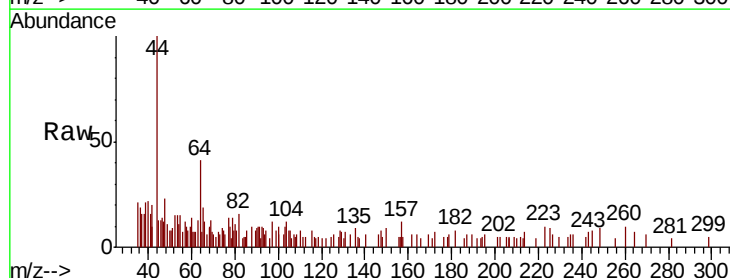
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-EB-20190221

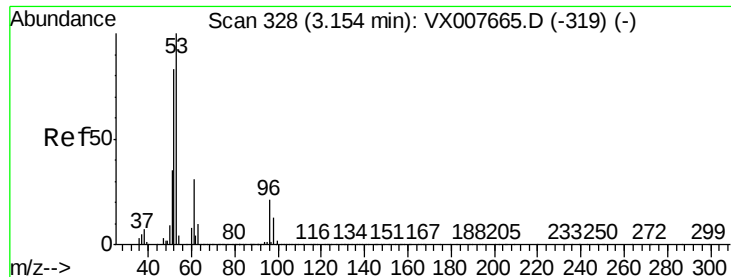
Tgt Ion: 56 Resp: 572
Ion Ratio Lower Upper
56 100
55 44.9 56.9 85.3#



#14
Allyl chloride
Concen: 0.077 ug/l
RT: 2.76 min Scan# 263
Delta R.T. 0.02 min
Lab File: VX007712.D
Acq: 26 Feb 2019 14:39

Tgt Ion: 41 Resp: 435
Ion Ratio Lower Upper
41 100
39 0.0 54.1 81.1#
76 0.0 27.8 41.8#





#15

Acrylonitrile

Concen: 0.168 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.01 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-EB-20190221

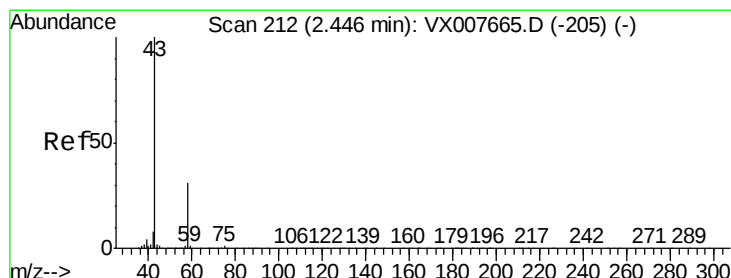
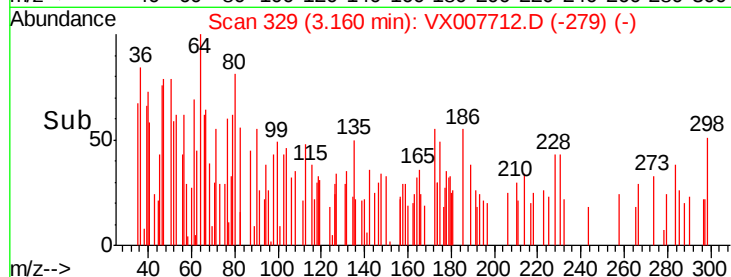
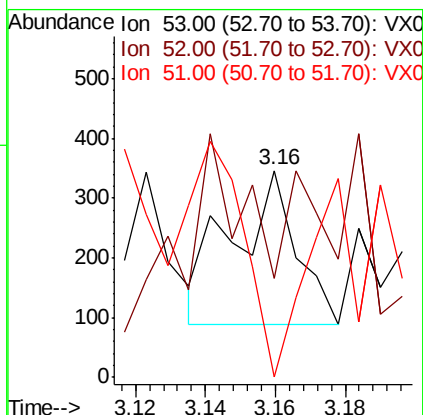
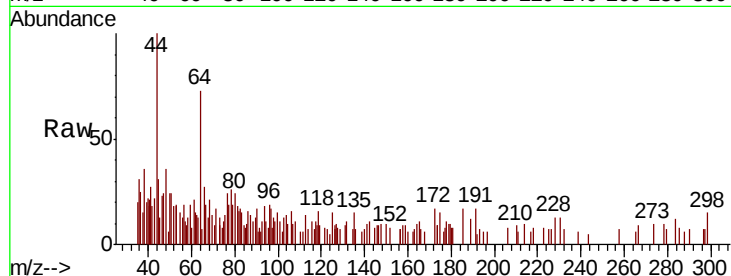
Tgt Ion: 53 Resp: 323

Ion Ratio Lower Upper

53 100

52 129.7 66.4 99.6#

51 135.9 28.4 42.6#



#16

Acetone

Concen: 7.210 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007712.D

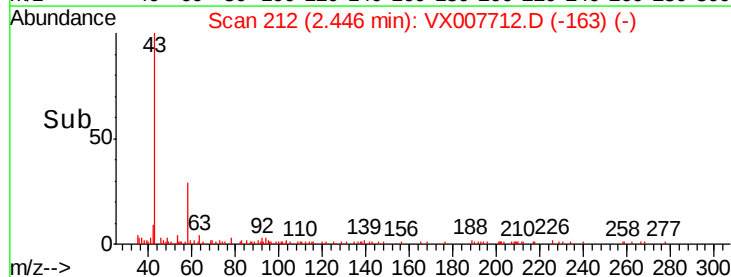
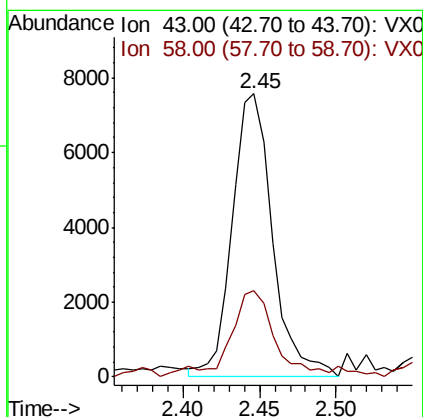
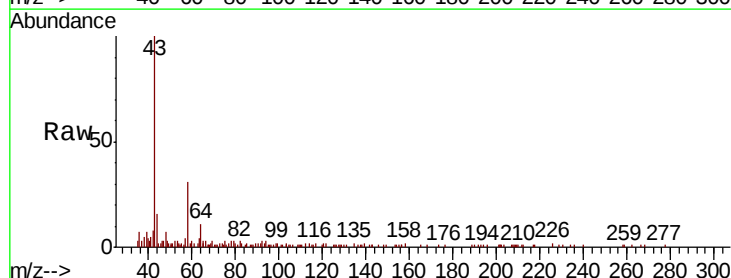
Acq: 26 Feb 2019 14:39

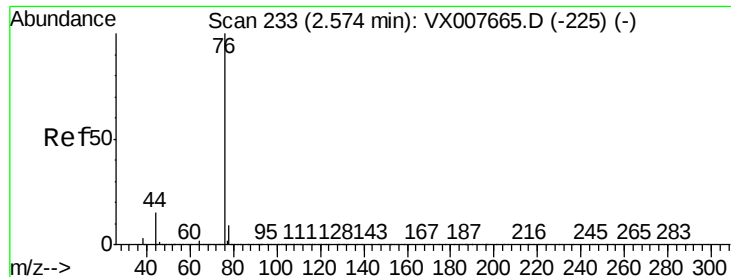
Tgt Ion: 43 Resp: 13832

Ion Ratio Lower Upper

43 100

58 27.1 24.9 37.3





#17

Carbon Disulfide

Concen: 0.187 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.01 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

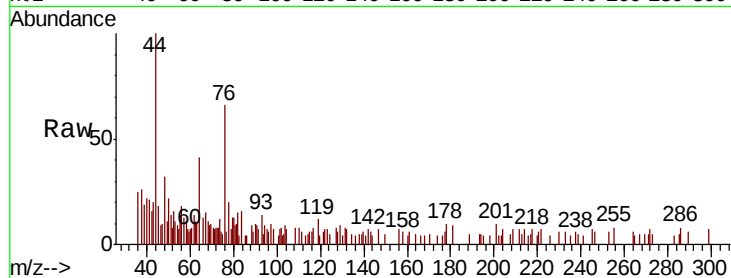
BP-VPB201-EB-20190221

Tgt Ion: 76 Resp: 1588

Ion Ratio Lower Upper

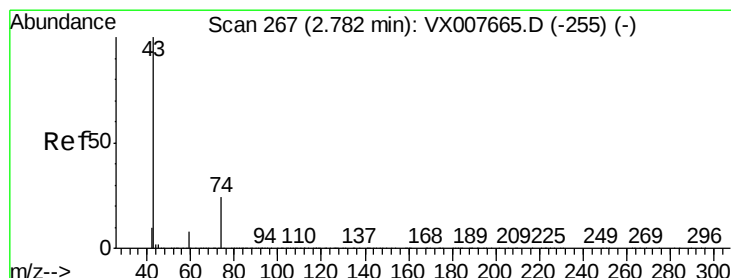
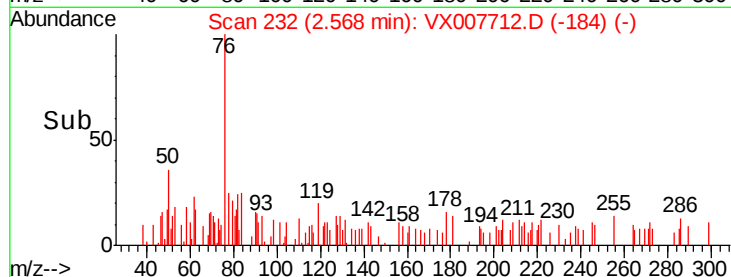
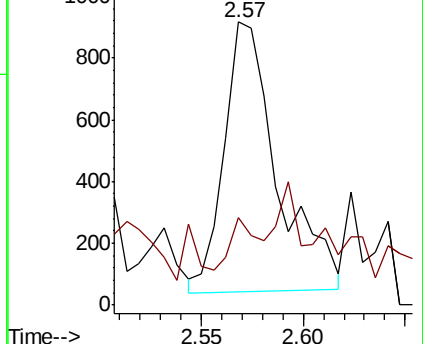
76 100

78 14.6 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.247 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX007712.D

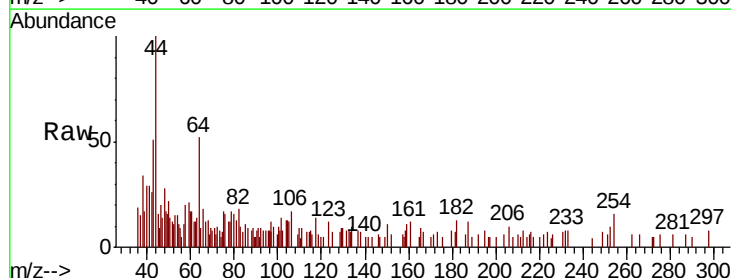
Acq: 26 Feb 2019 14:39

Tgt Ion: 43 Resp: 1035

Ion Ratio Lower Upper

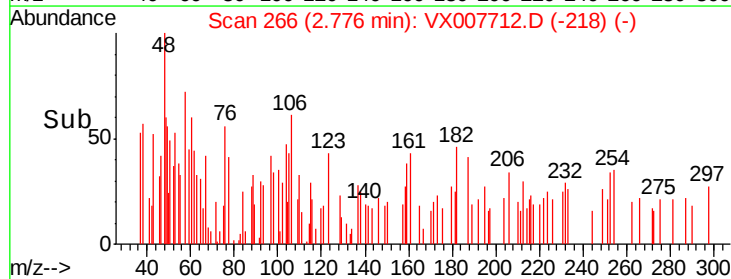
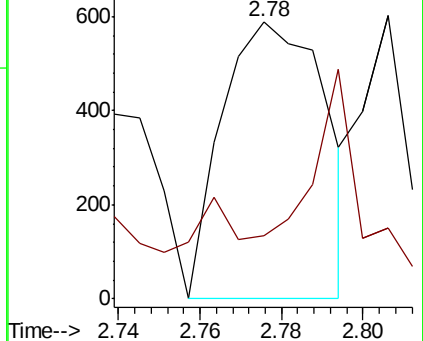
43 100

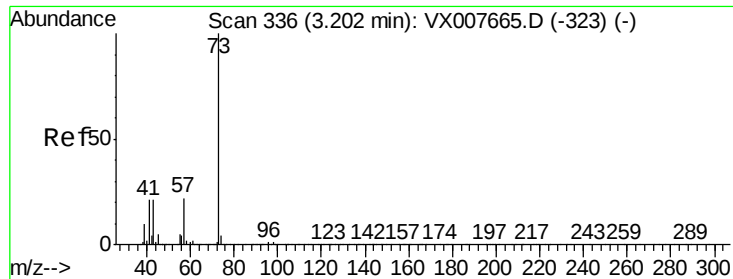
74 5.9 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

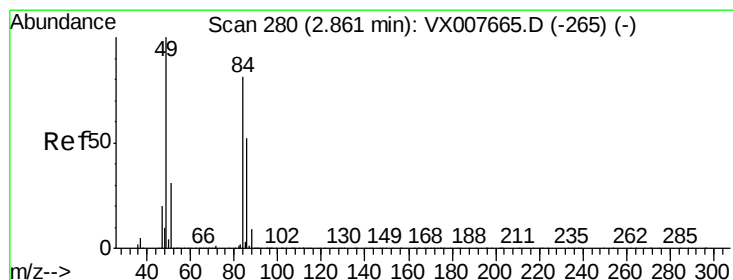
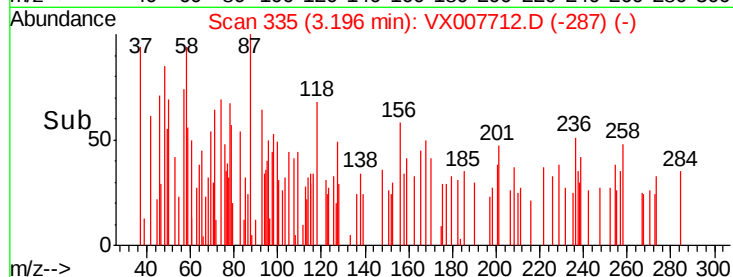
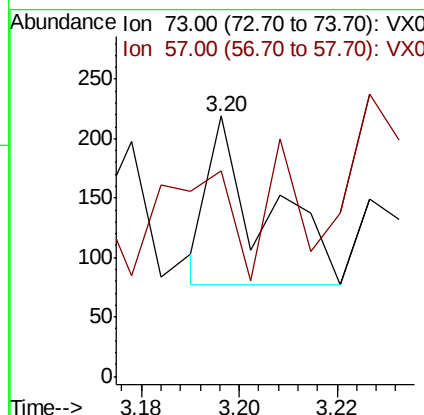
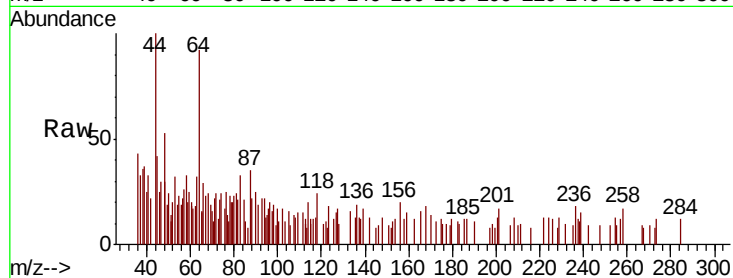




#19
Methyl tert-butyl Ether
Concen: 0.011 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.01 min
Lab File: VX007712.D
Acq: 26 Feb 2019 14:39

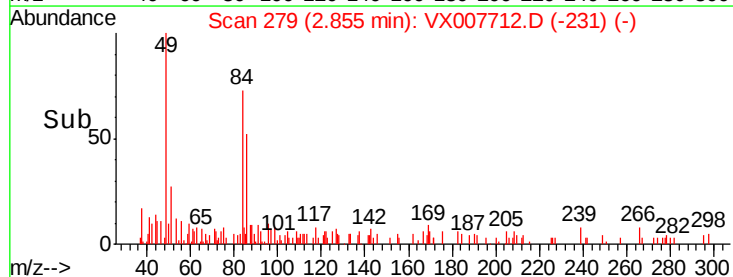
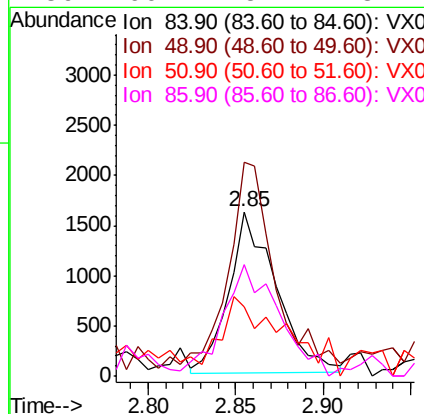
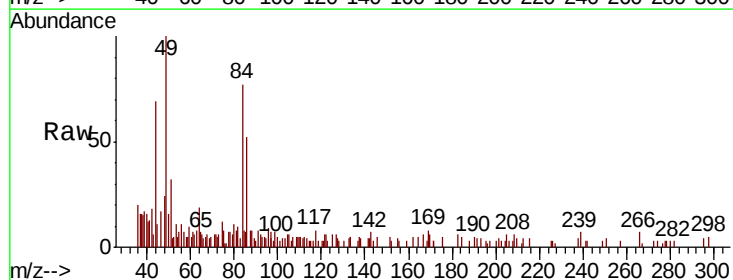
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-EB-20190221

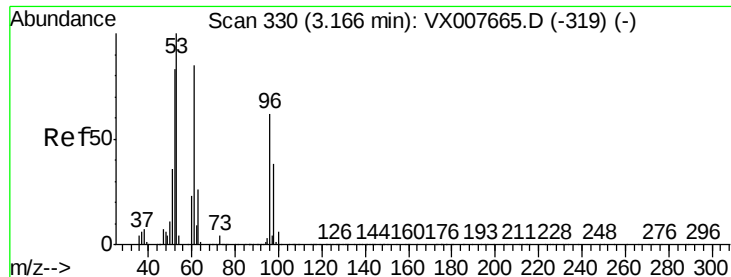
Tgt Ion: 73 Resp: 112
Ion Ratio Lower Upper
73 100
57 0.0 17.8 26.8#



#20
Methylene Chloride
Concen: 0.853 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007712.D
Acq: 26 Feb 2019 14:39

Tgt Ion: 84 Resp: 3022
Ion Ratio Lower Upper
84 100
49 127.8 94.8 142.2
51 31.5 29.8 44.8
86 66.2 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 0.095 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-EB-20190221

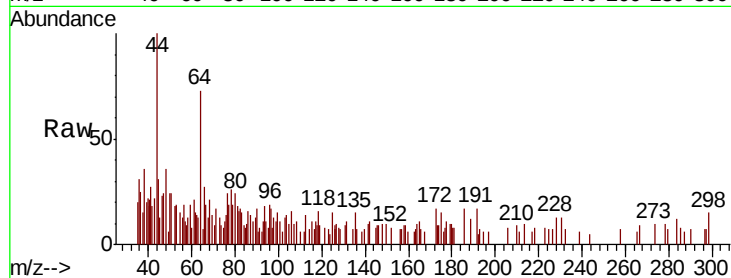
Tgt Ion: 96 Resp: 316

Ion Ratio Lower Upper

96 100

61 0.0 104.6 156.8#

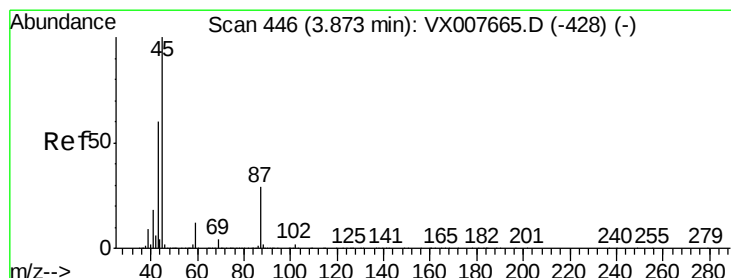
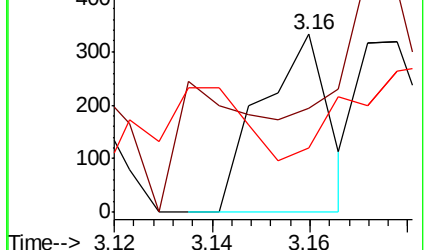
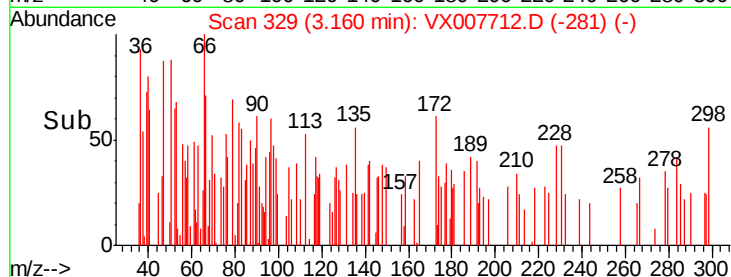
98 0.0 51.0 76.4#



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: 0.021 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

Tgt Ion: 45 Resp: 246

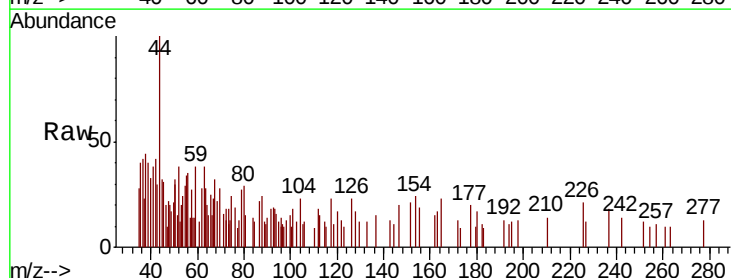
Ion Ratio Lower Upper

45 100

43 66.9 48.9 73.3

87 16.1 23.9 35.9#

59 58.1 9.6 14.4#

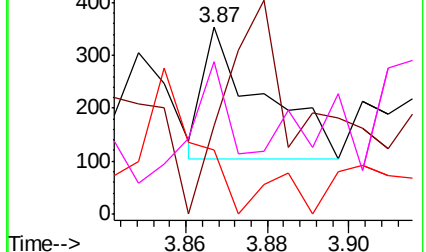
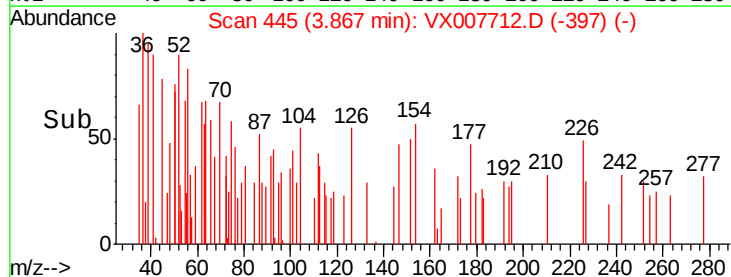


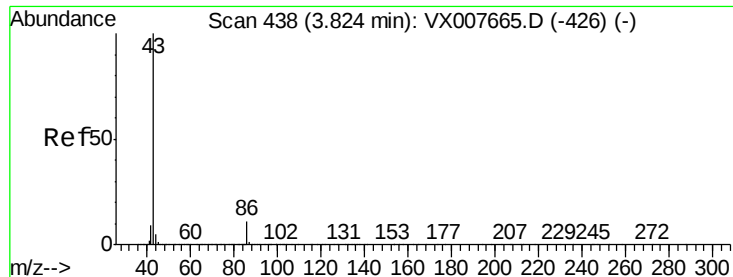
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 0.088 ug/l

RT: 3.84 min Scan# 440

Delta R.T. 0.01 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

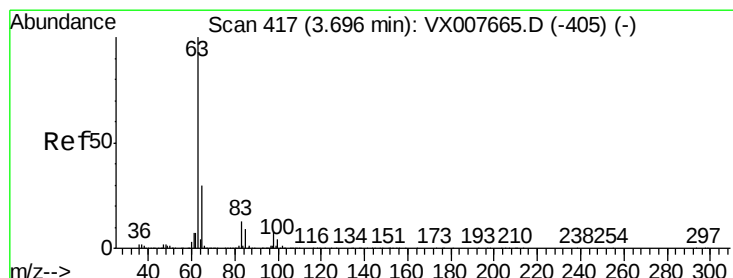
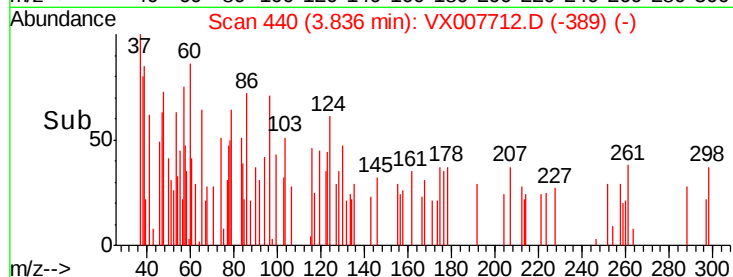
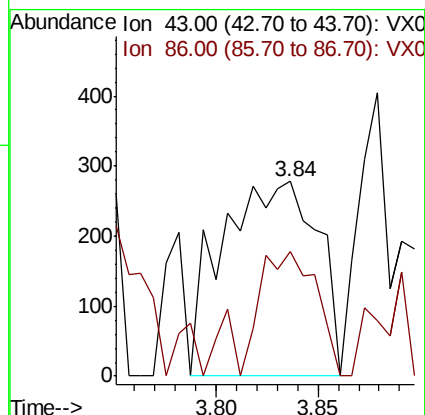
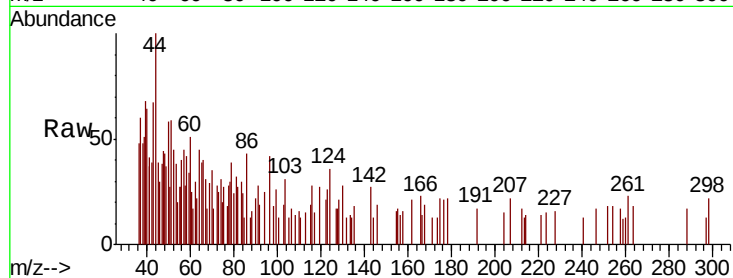
BP-VPB201-EB-20190221

Tgt Ion: 43 Resp: 905

Ion Ratio Lower Upper

43 100

86 64.4 8.7 13.1#



#24

1,1-Dichloroethane

Concen: 0.058 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

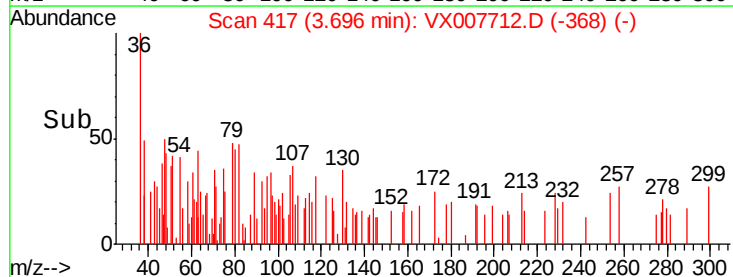
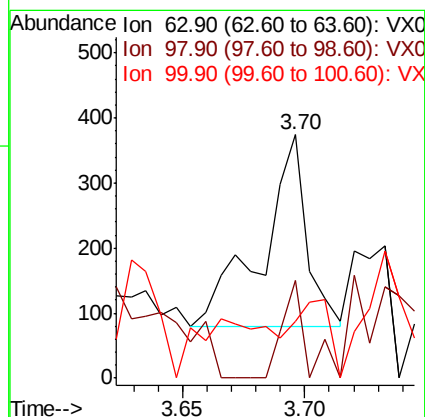
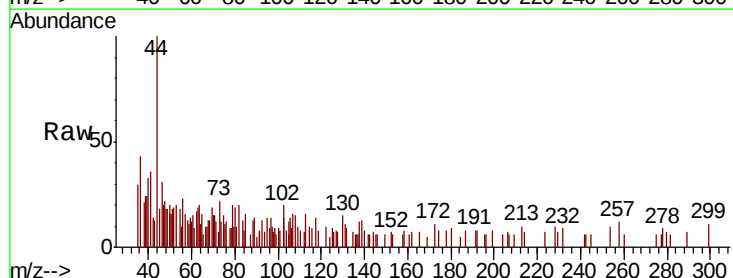
Tgt Ion: 63 Resp: 372

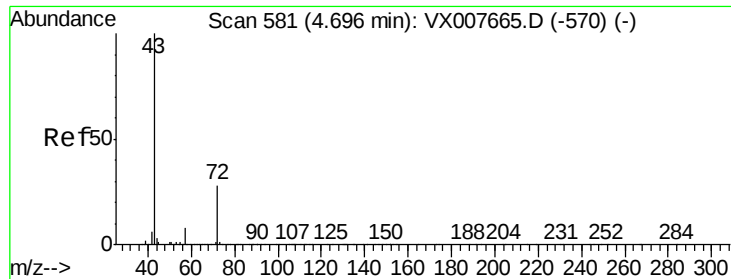
Ion Ratio Lower Upper

63 100

98 51.0 3.6 10.8#

100 29.9 2.5 7.4#





#25

2-Butanone

Concen: 1.416 ug/l

RT: 4.71 min Scan# 584

Delta R.T. 0.02 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

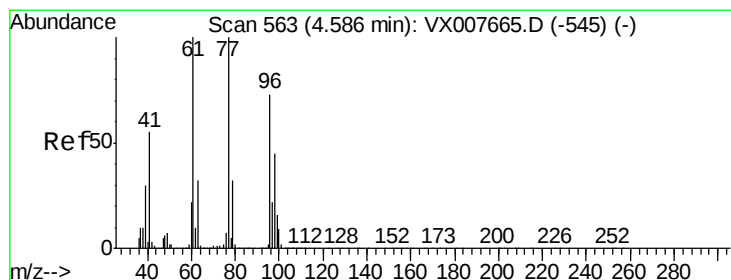
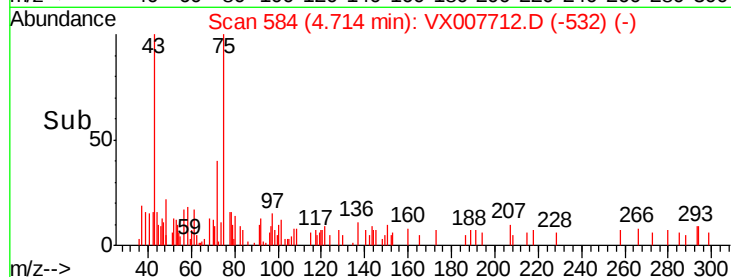
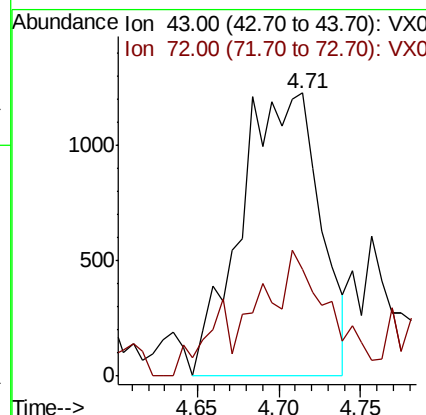
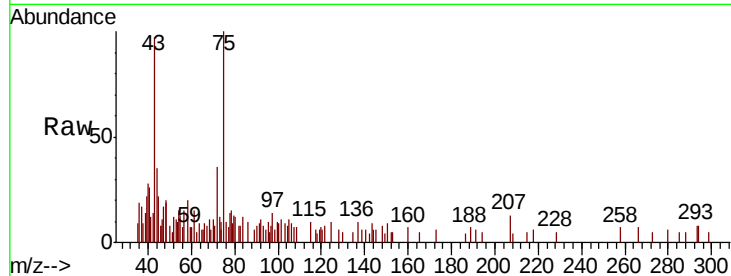
BP-VPB201-EB-20190221

Tgt Ion: 43 Resp: 4139

Ion Ratio Lower Upper

43 100

72 30.9 22.2 33.2



#26

2,2-Dichloropropane

Concen: 0.034 ug/l

RT: 4.46 min Scan# 543

Delta R.T. -0.12 min

Lab File: VX007712.D

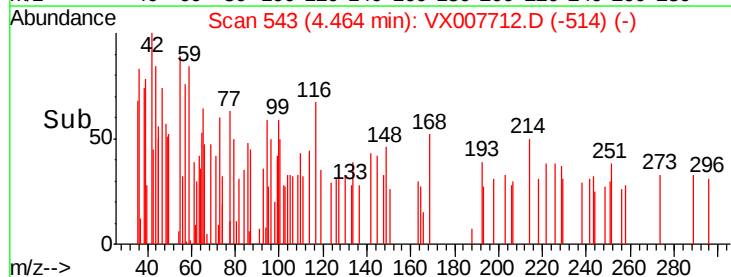
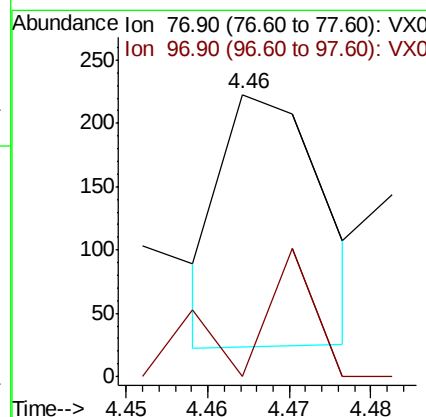
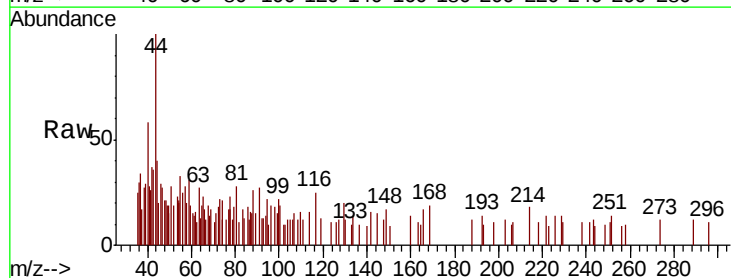
Acq: 26 Feb 2019 14:39

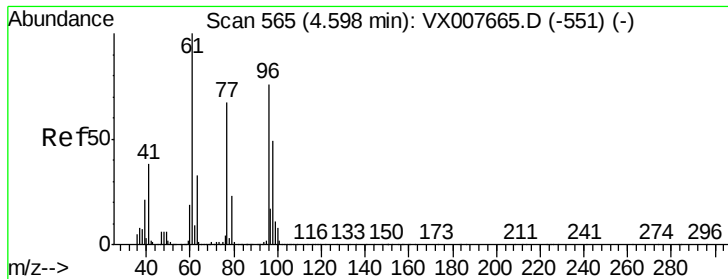
Tgt Ion: 77 Resp: 171

Ion Ratio Lower Upper

77 100

97 21.6 12.1 36.3



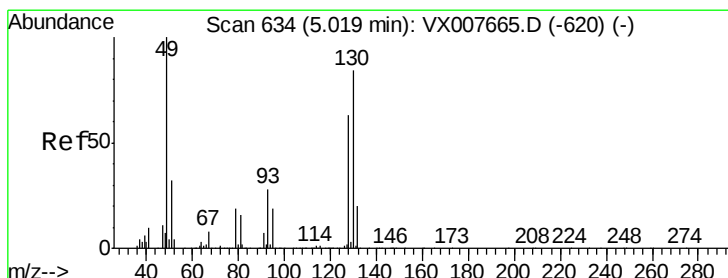
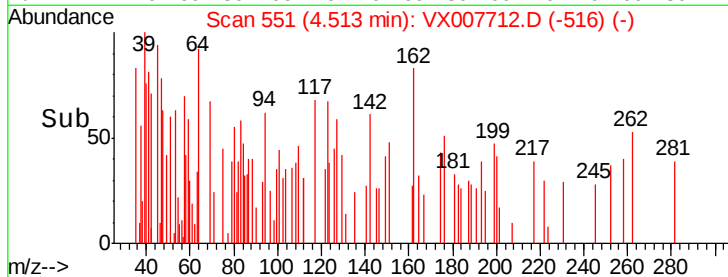
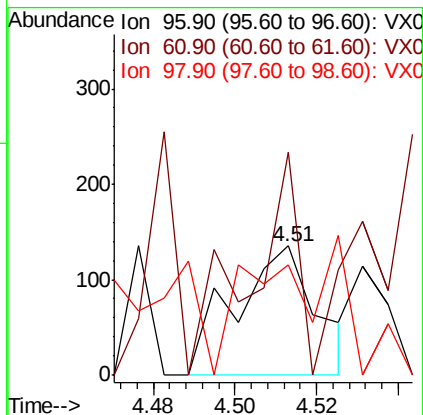
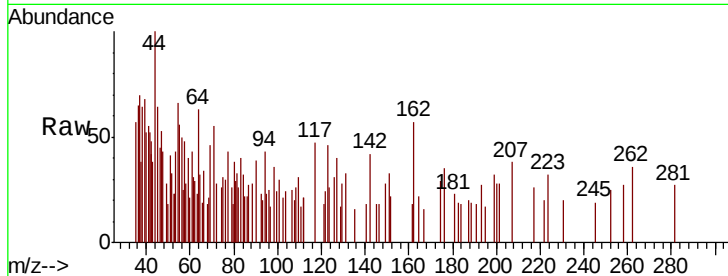


#27

cis-1,2-Dichloroethene
 Concen: 0.044 ug/l
 RT: 4.51 min Scan# 551
 Delta R.T. -0.09 min
 Lab File: VX007712.D
 Acq: 26 Feb 2019 14:39

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-EB-20190221

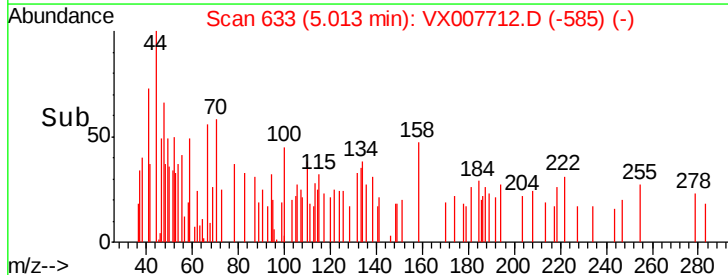
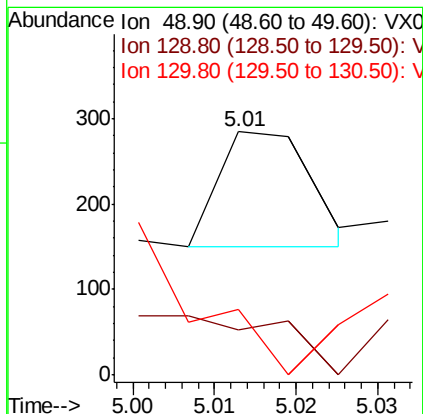
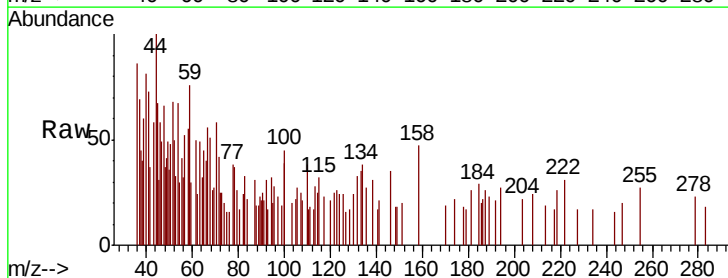
Tgt Ion: 96 Resp: 187
 Ion Ratio Lower Upper
 96 100
 61 63.6 0.0 265.6
 98 113.9 0.0 131.6

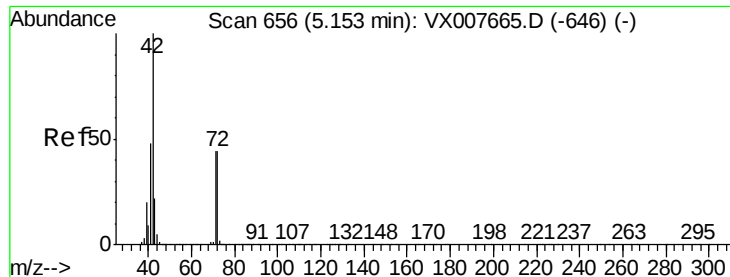


#28

Bromochloromethane
 Concen: 0.034 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX007712.D
 Acq: 26 Feb 2019 14:39

Tgt Ion: 49 Resp: 105
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 5.6
 130 0.0 75.6 113.4#





#29

Tetrahydrofuran

Concen: 1.343 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-EB-20190221

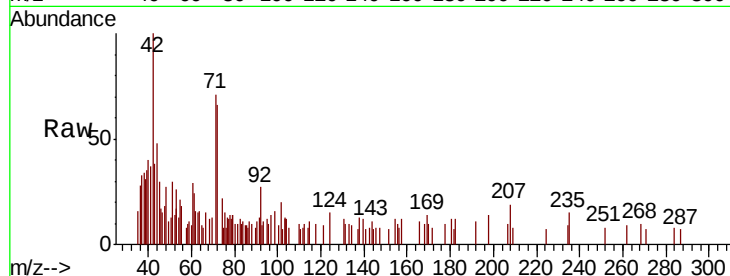
Tgt Ion: 42 Resp: 2587

Ion Ratio Lower Upper

42 100

72 6.0 37.6 56.4#

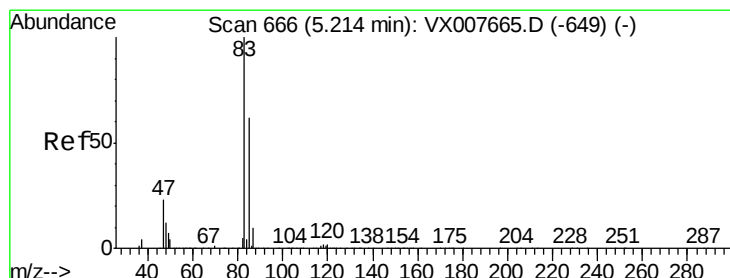
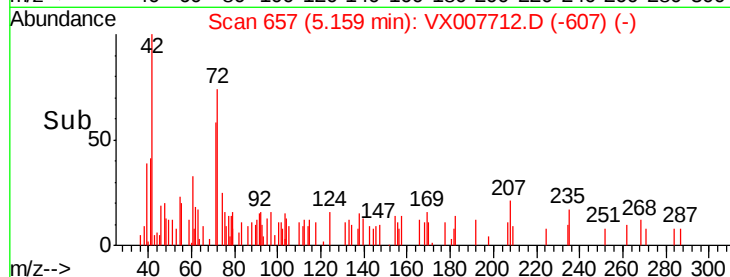
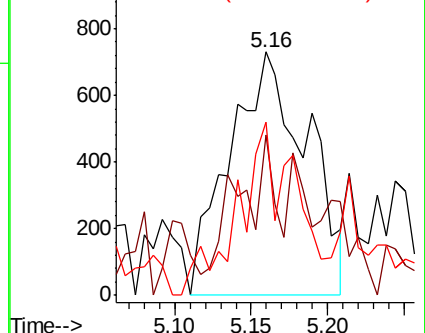
71 19.8 34.6 51.8#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 0.015 ug/l

RT: 5.10 min Scan# 648

Delta R.T. -0.11 min

Lab File: VX007712.D

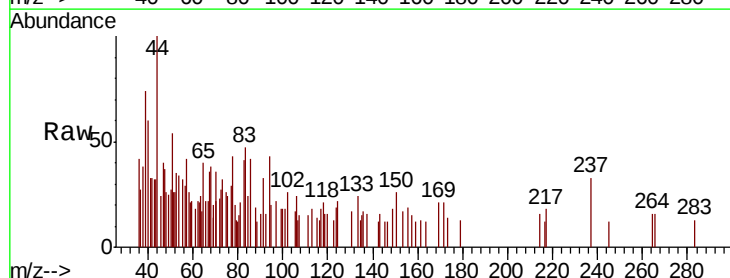
Acq: 26 Feb 2019 14:39

Tgt Ion: 83 Resp: 99

Ion Ratio Lower Upper

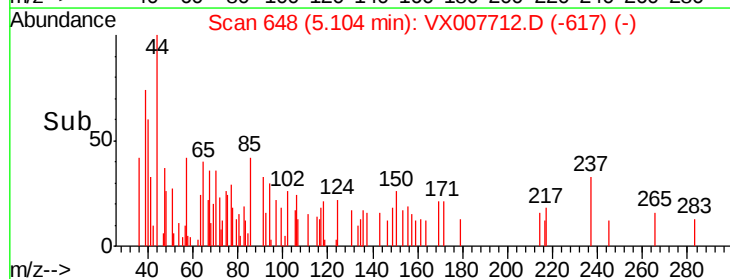
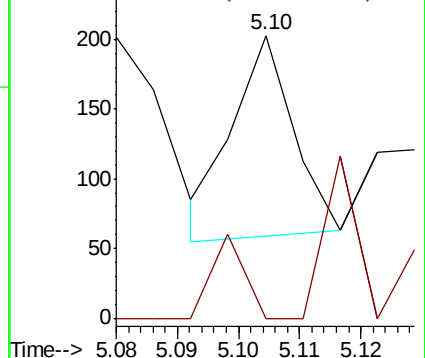
83 100

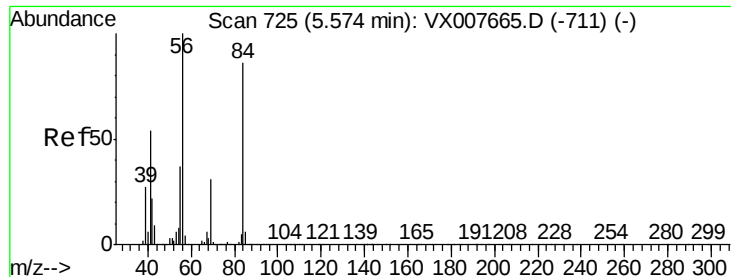
85 64.4 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

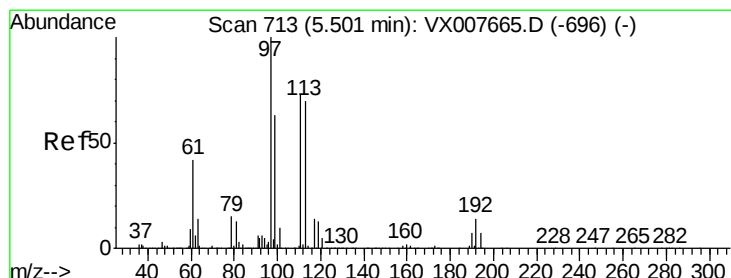
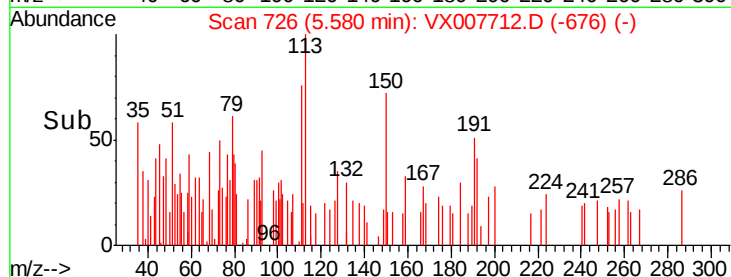
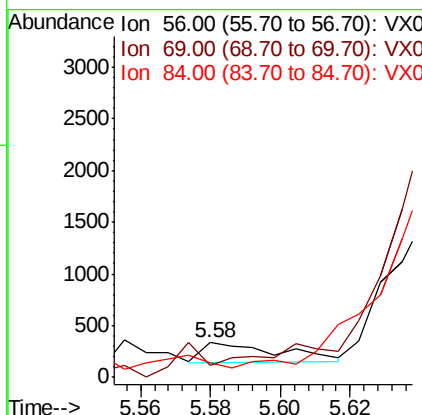
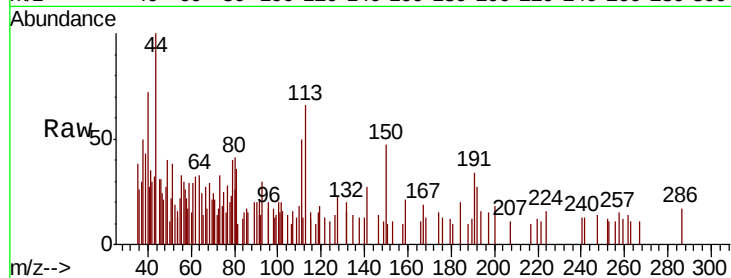




#31
Cyclohexane
Concen: 0.050 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007712.D
Acq: 26 Feb 2019 14:39

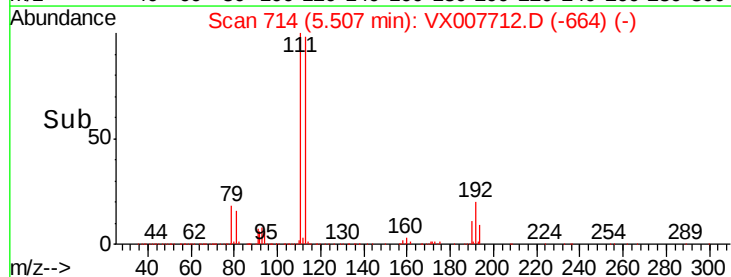
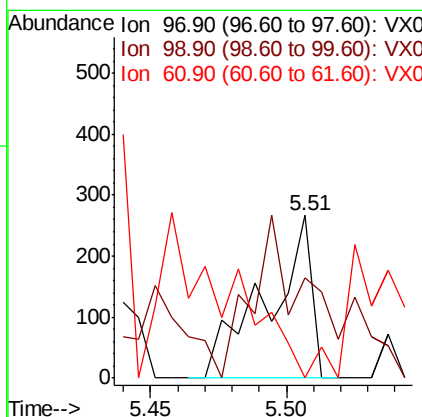
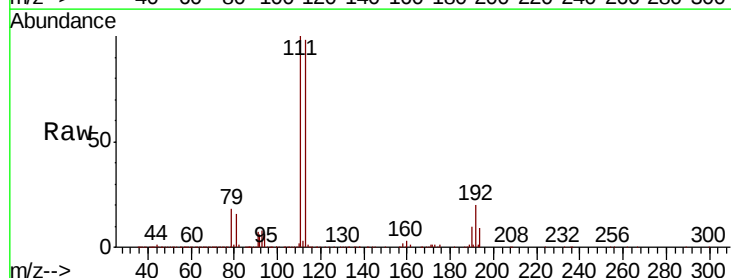
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-EB-20190221

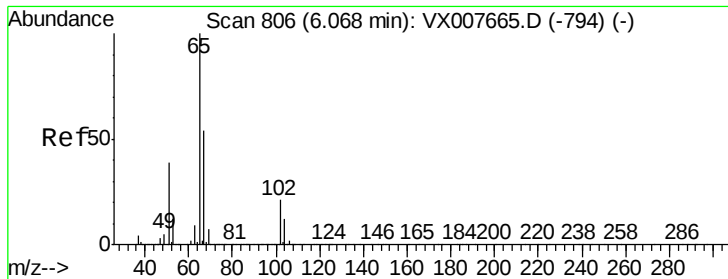
Tgt Ion: 56 Resp: 297
Ion Ratio Lower Upper
56 100
69 0.0 23.0 34.6#
84 0.0 69.8 104.6#



#32
1,1,1-Trichloroethane
Concen: 0.053 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX007712.D
Acq: 26 Feb 2019 14:39

Tgt Ion: 97 Resp: 301
Ion Ratio Lower Upper
97 100
99 0.0 52.2 78.2#
61 0.0 32.7 49.1#





#33

1,2-Dichloroethane-d4

Concen: 49.072 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

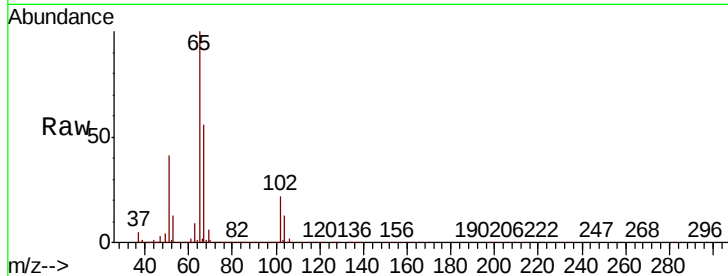
BP-VPB201-EB-20190221

Tgt Ion: 65 Resp: 211698

Ion Ratio Lower Upper

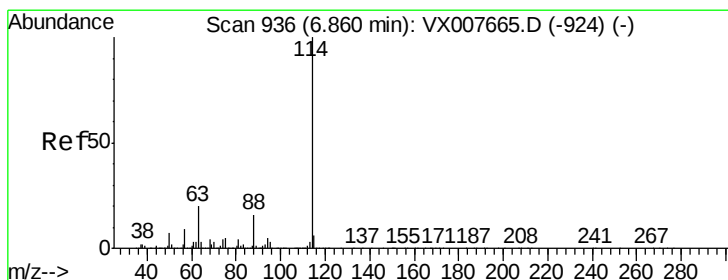
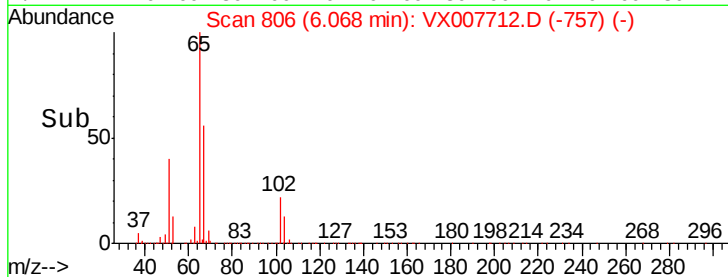
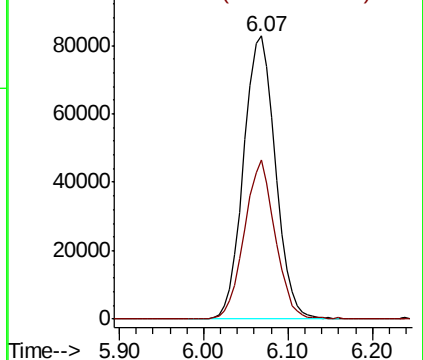
65 100

67 54.0 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

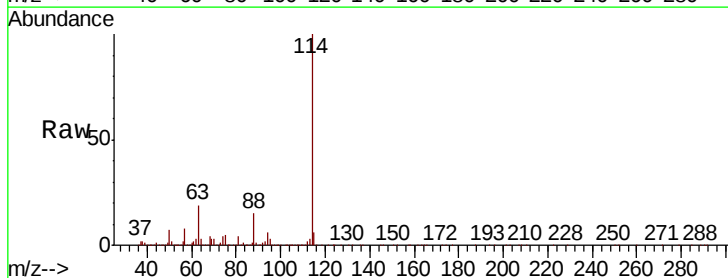
Tgt Ion: 114 Resp: 594755

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.6

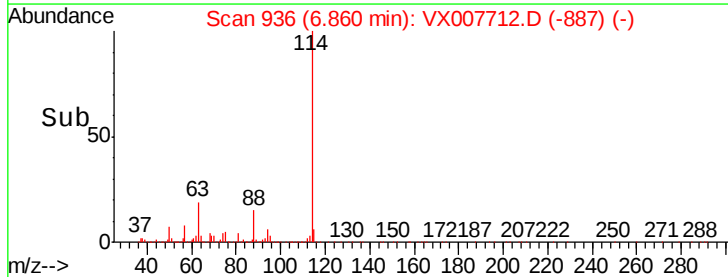
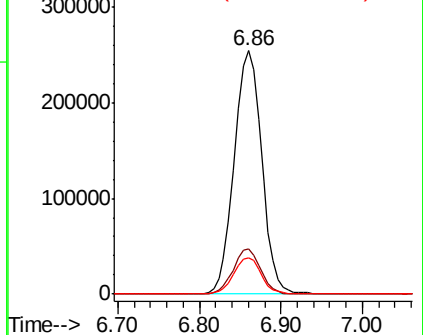
88 14.7 0.0 29.6

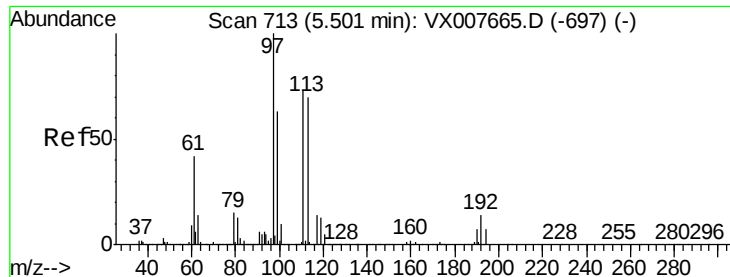


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.573 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-EB-20190221

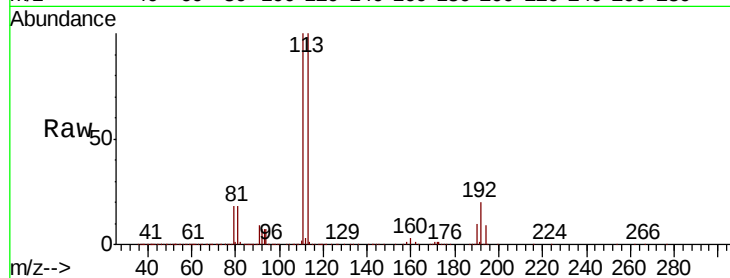
Tgt Ion:113 Resp: 197090

Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.8

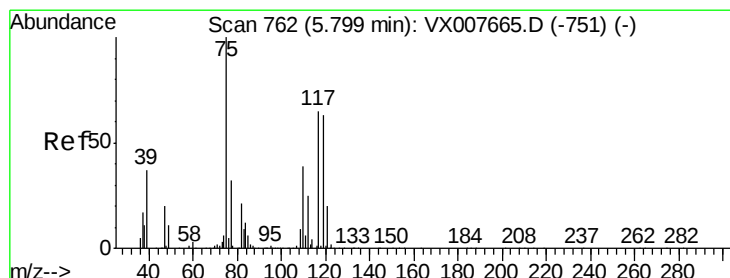
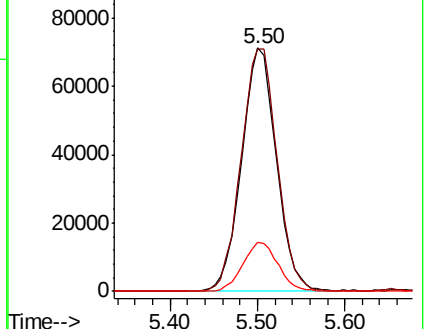
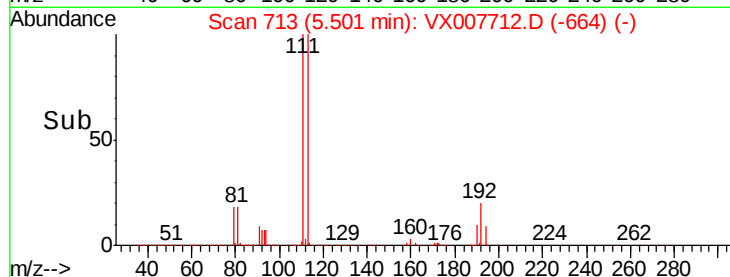
192 20.6 18.5 27.7



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: 4.634 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

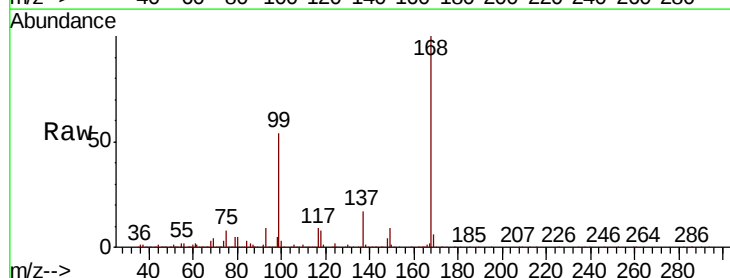
Tgt Ion: 75 Resp: 24779

Ion Ratio Lower Upper

75 100

110 10.0 20.0 59.9#

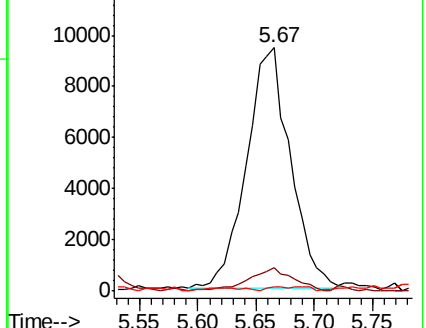
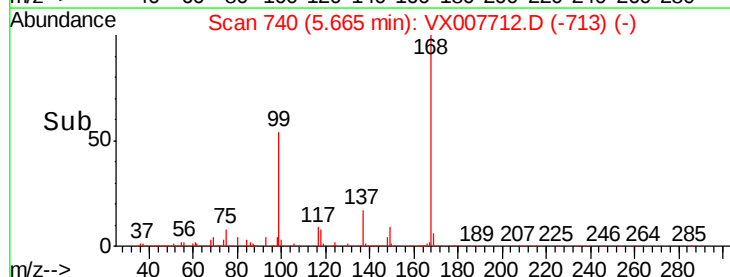
77 0.8 24.7 37.1#

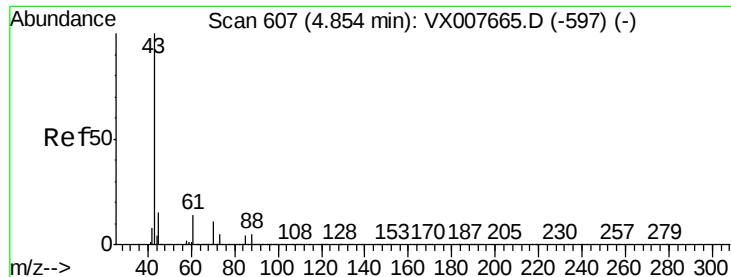


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 0.063 ug/l

RT: 4.87 min Scan# 609

Delta R.T. 0.01 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-EB-20190221

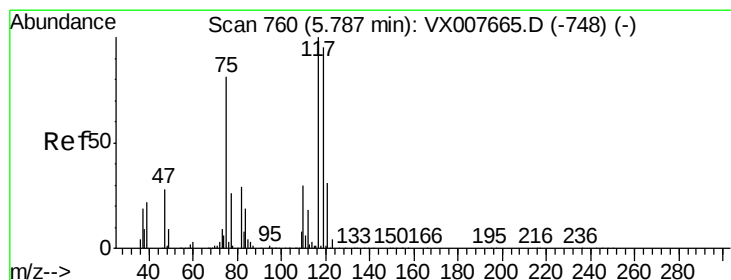
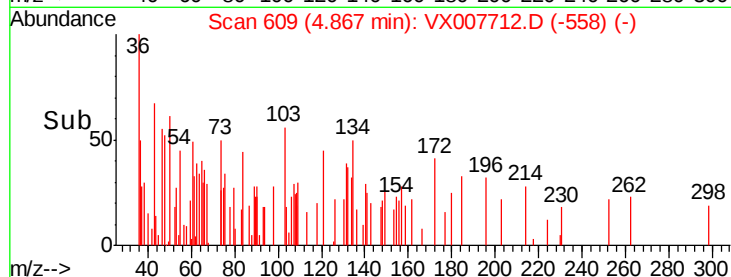
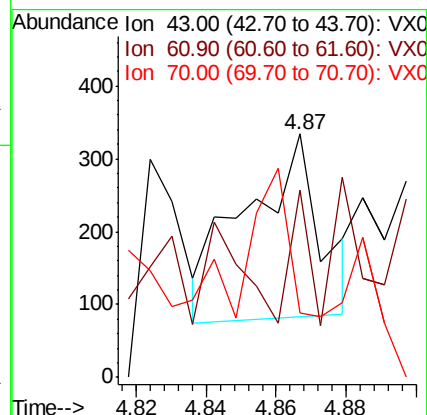
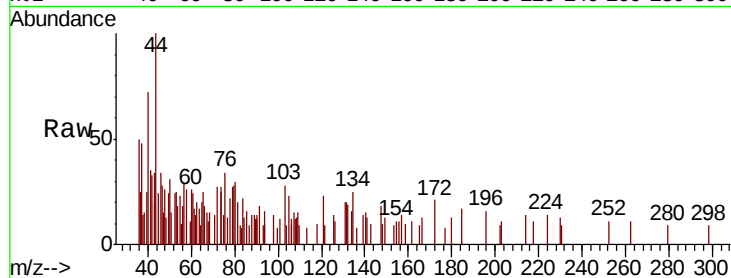
Tgt Ion: 43 Resp: 376

Ion Ratio Lower Upper

43 100

61 18.1 11.3 16.9#

70 41.8 8.6 13.0#



#38

Carbon Tetrachloride

Concen: 6.152 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

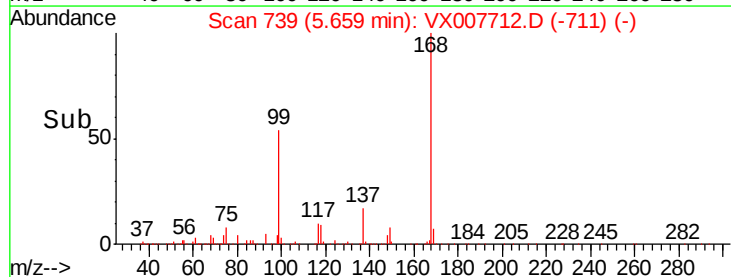
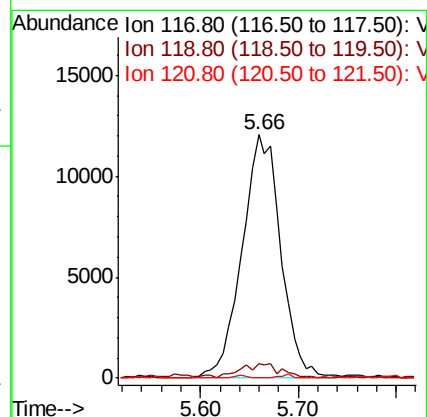
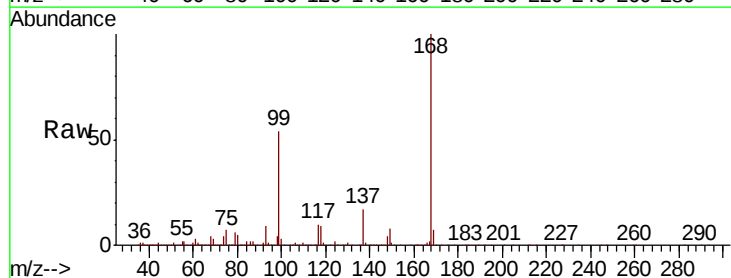
Tgt Ion: 117 Resp: 33046

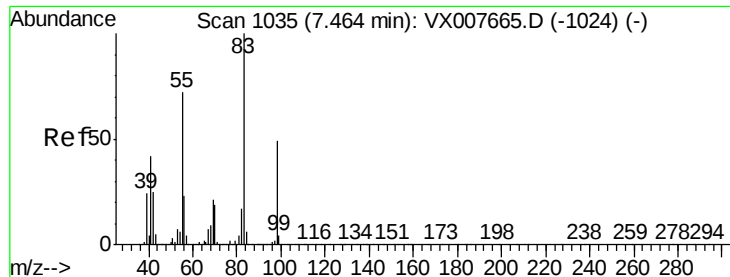
Ion Ratio Lower Upper

117 100

119 5.8 75.3 112.9#

121 0.0 25.0 37.4#





#39

Methylcyclohexane

Concen: 0.013 ug/l

RT: 7.55 min Scan# 1049

Delta R.T. 0.09 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-EB-20190221

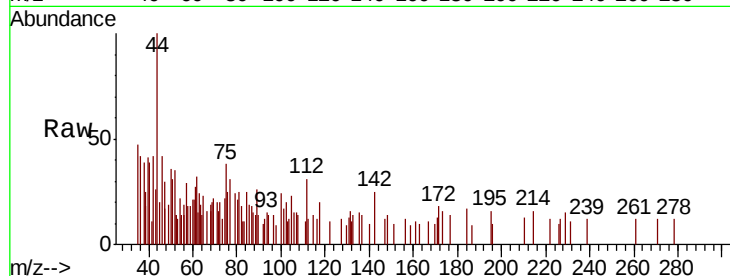
Tgt Ion: 83 Resp: 87

Ion Ratio Lower Upper

83 100

55 72.5 56.2 84.2

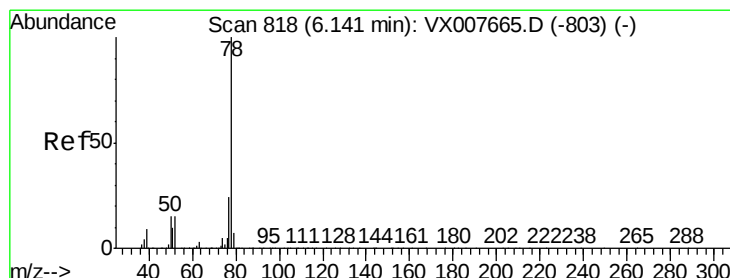
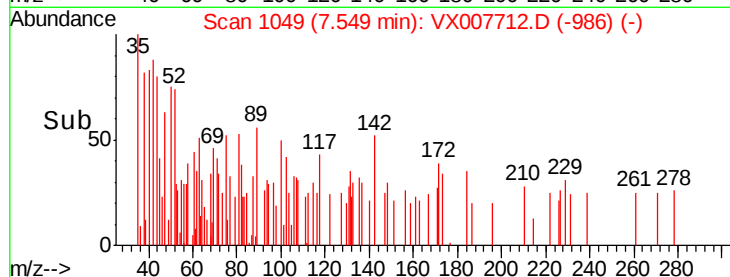
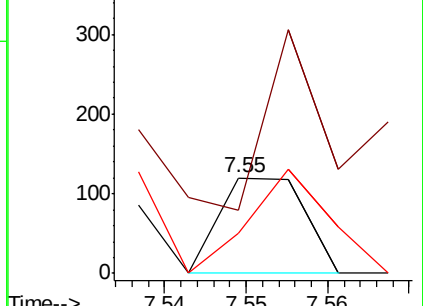
98 41.7 36.8 55.2



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 0.005 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX007712.D

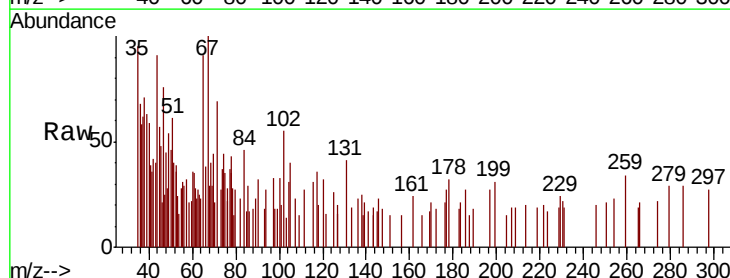
Acq: 26 Feb 2019 14:39

Tgt Ion: 78 Resp: 85

Ion Ratio Lower Upper

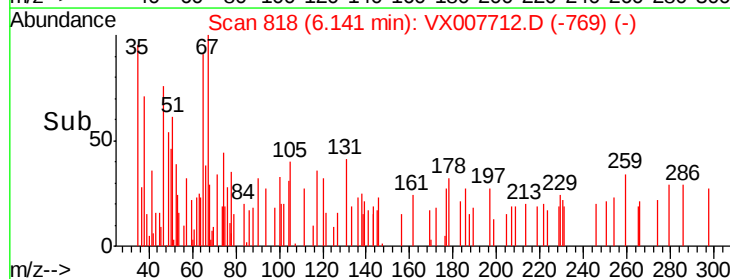
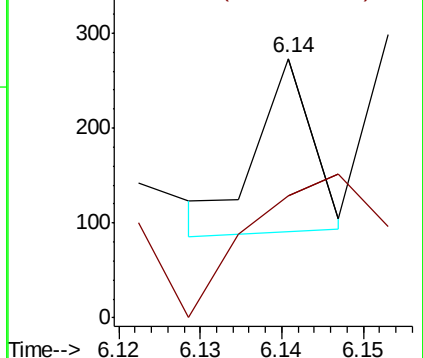
78 100

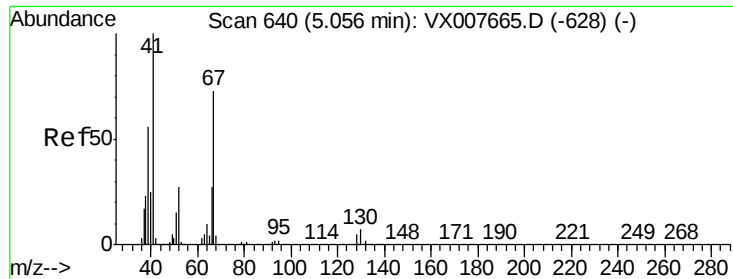
77 3.3 19.3 28.9#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 0.114 ug/l

RT: 5.03 min Scan# 636

Delta R.T. -0.02 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-EB-20190221

Tgt Ion: 41 Resp: 361

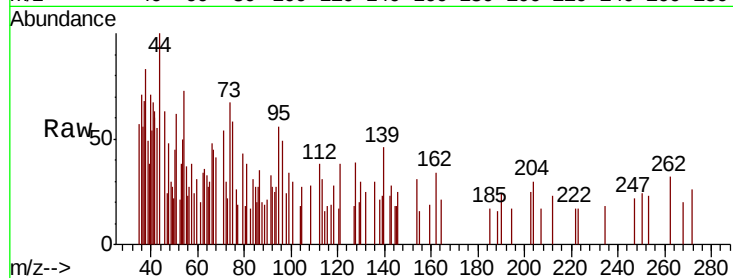
Ion Ratio Lower Upper

41 100

39 0.0 44.5 66.7#

67 80.3 60.4 90.6

52 0.0 24.1 36.1#

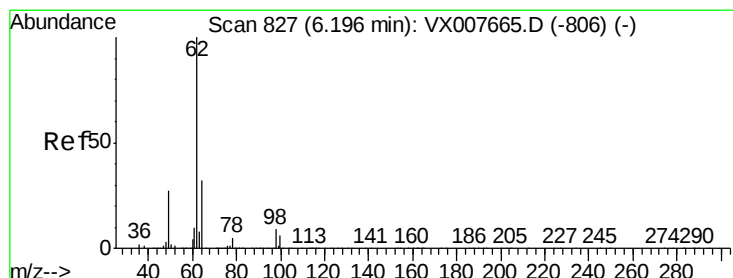
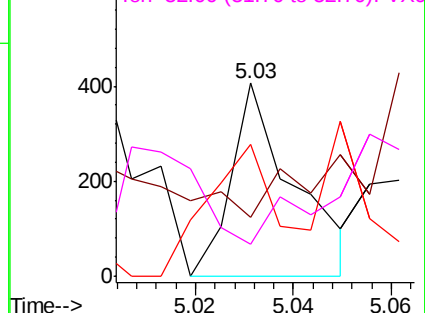
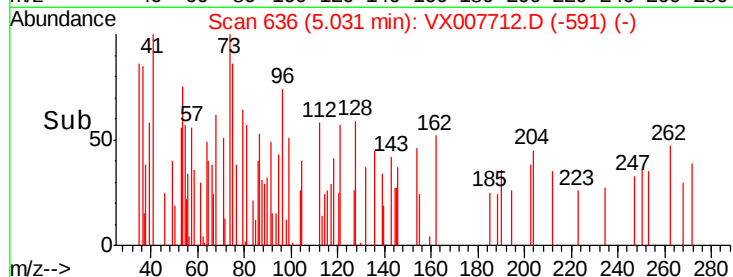


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 0.075 ug/l

RT: 6.21 min Scan# 830

Delta R.T. 0.02 min

Lab File: VX007712.D

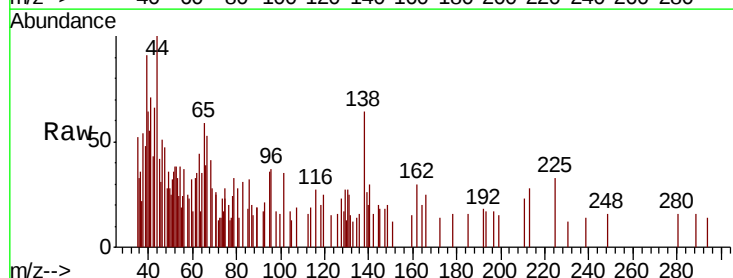
Acq: 26 Feb 2019 14:39

Tgt Ion: 62 Resp: 416

Ion Ratio Lower Upper

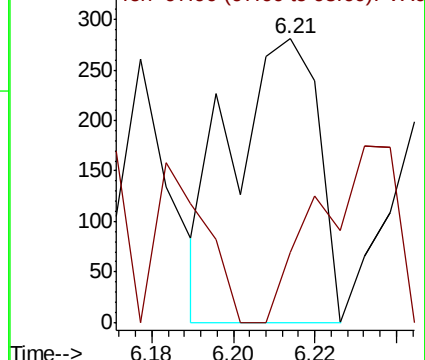
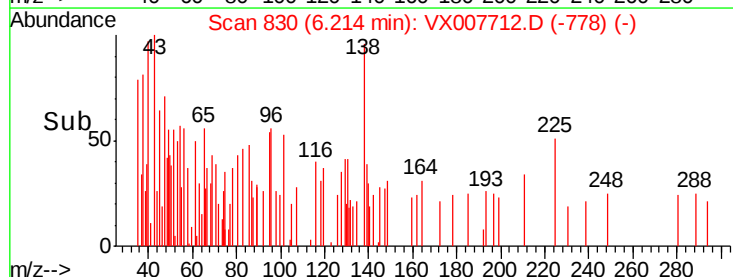
62 100

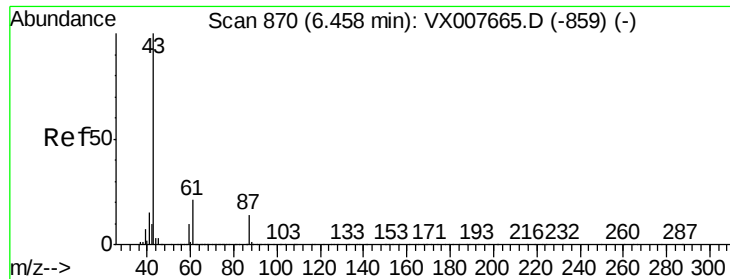
98 55.8 0.0 19.0#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 0.029 ug/l

RT: 6.45 min Scan# 869

Delta R.T. -0.01 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-EB-20190221

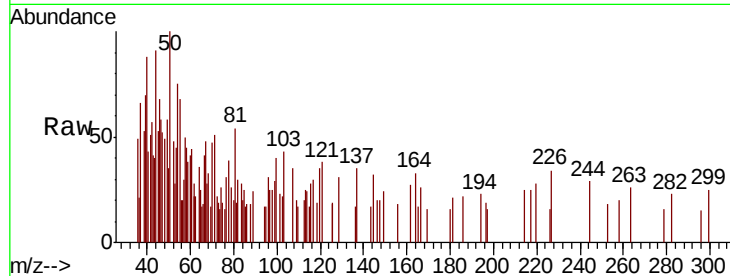
Tgt Ion: 43 Resp: 263

Ion Ratio Lower Upper

43 100

61 37.6 16.1 24.1#

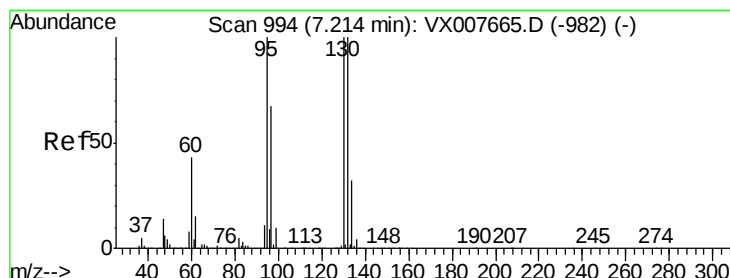
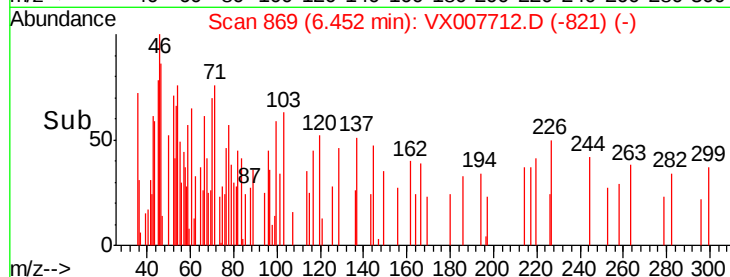
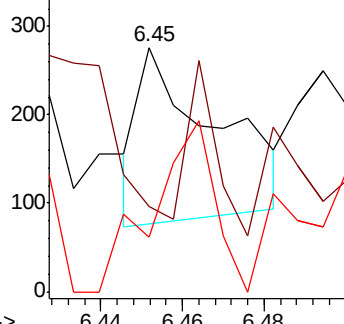
87 76.8 11.5 17.3#



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: 0.046 ug/l

RT: 7.23 min Scan# 996

Delta R.T. 0.01 min

Lab File: VX007712.D

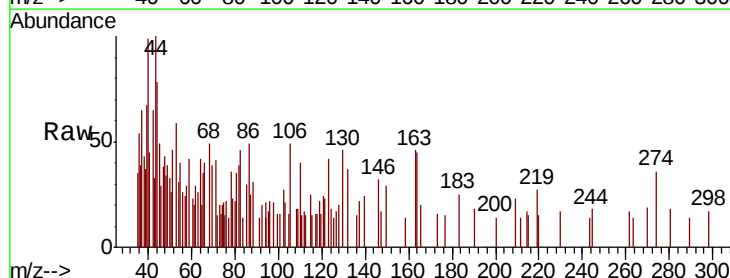
Acq: 26 Feb 2019 14:39

Tgt Ion: 130 Resp: 207

Ion Ratio Lower Upper

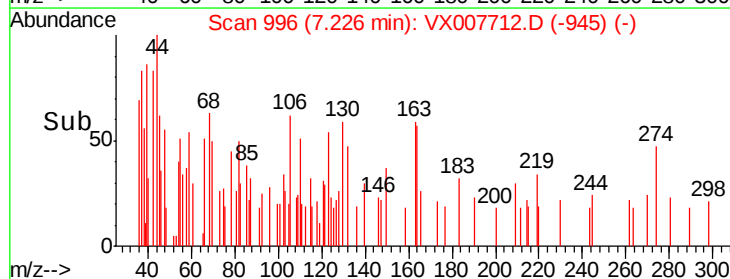
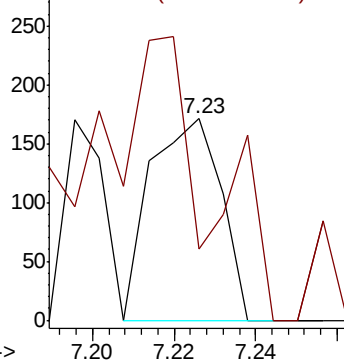
130 100

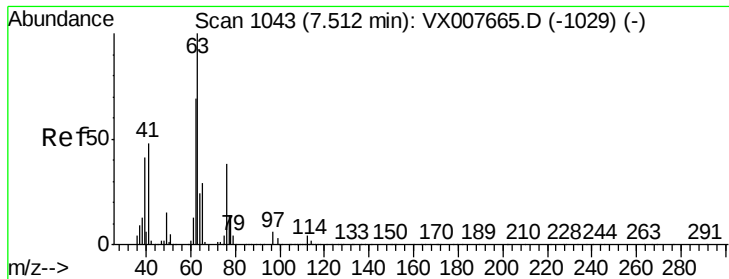
95 0.0 0.0 180.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 0.061 ug/l

RT: 7.53 min Scan# 1046

Delta R.T. 0.02 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

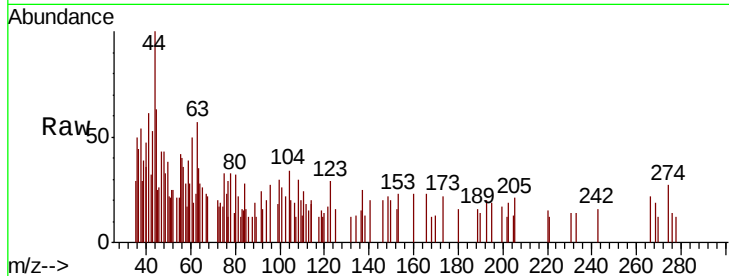
BP-VPB201-EB-20190221

Tgt Ion: 63 Resp: 262

Ion Ratio Lower Upper

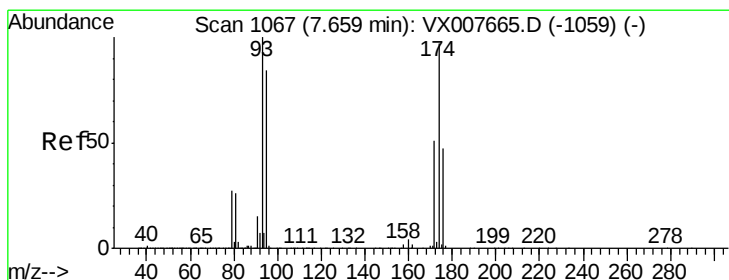
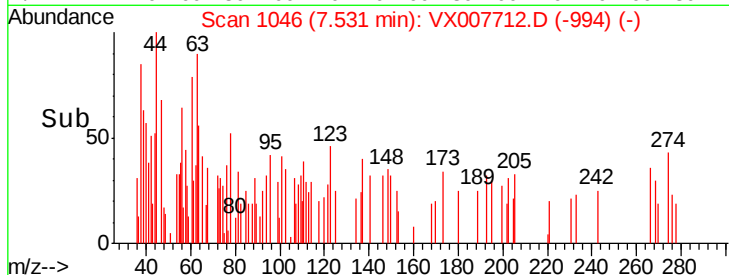
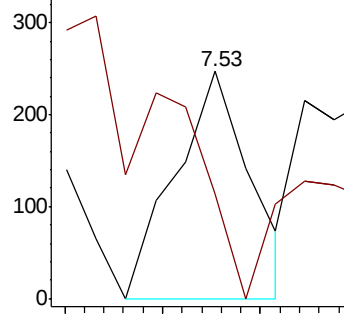
63 100

65 5.5 24.2 36.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 0.050 ug/l

RT: 7.65 min Scan# 1066

Delta R.T. -0.01 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

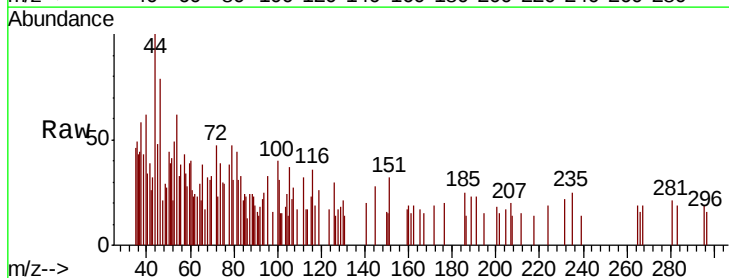
Tgt Ion: 93 Resp: 150

Ion Ratio Lower Upper

93 100

95 0.0 67.6 101.4#

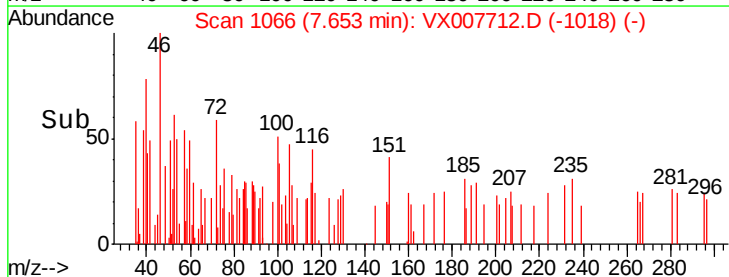
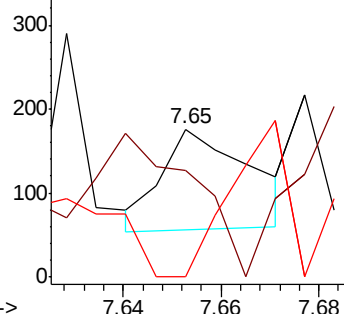
174 95.3 94.2 141.4

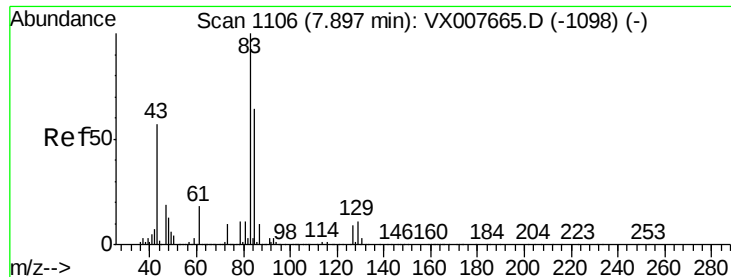


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 0.024 ug/l

RT: 7.91 min Scan# 1108

Delta R.T. 0.01 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-EB-20190221

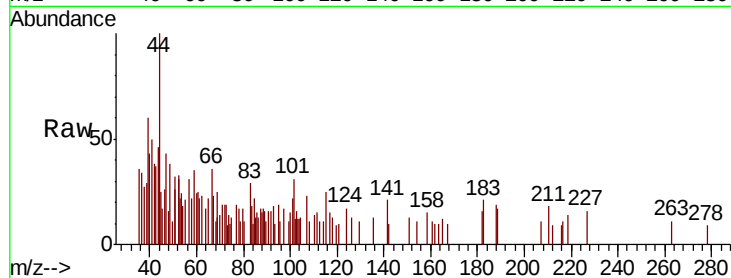
Tgt Ion: 83 Resp: 125

Ion Ratio Lower Upper

83 100

85 32.6 51.4 77.0#

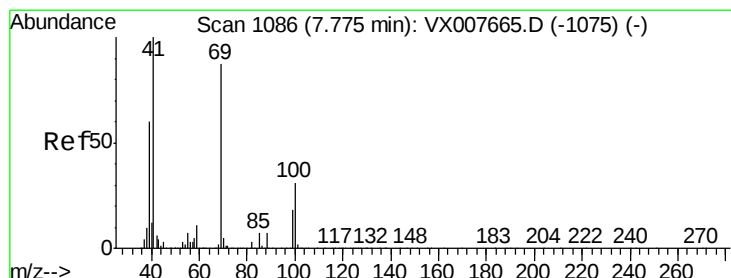
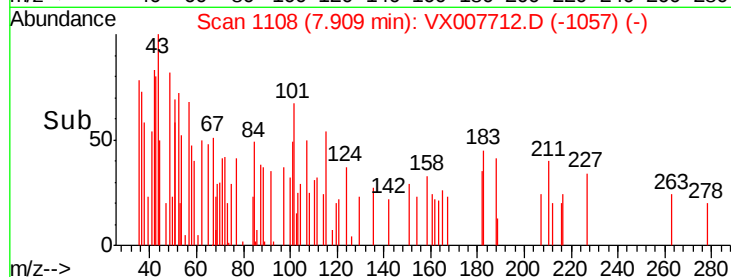
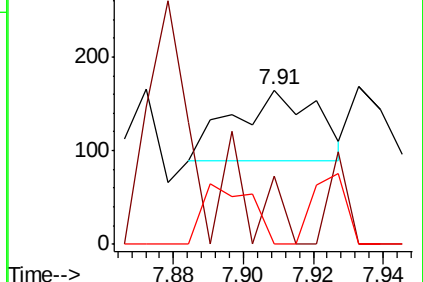
127 0.0 8.1 12.1#



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: 0.043 ug/l

RT: 7.79 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

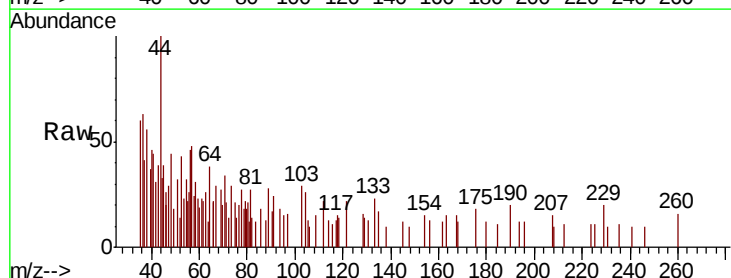
Tgt Ion: 41 Resp: 208

Ion Ratio Lower Upper

41 100

69 167.8 70.2 105.4#

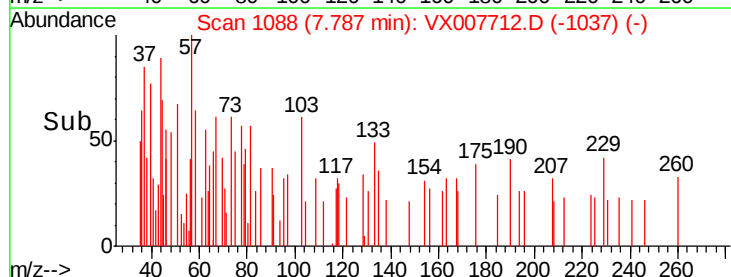
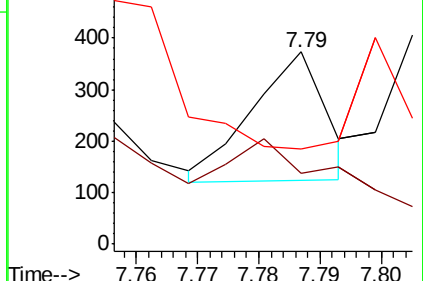
39 0.0 47.4 71.0#

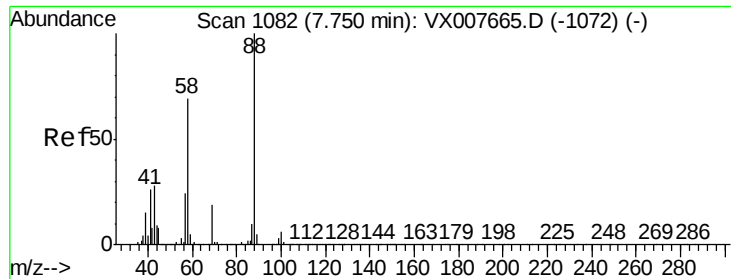


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

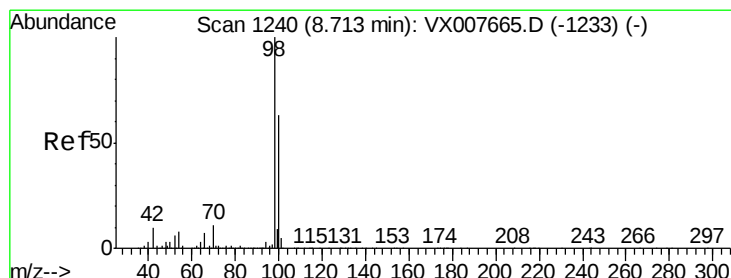
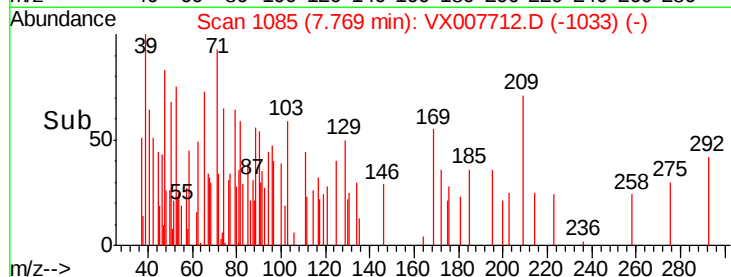
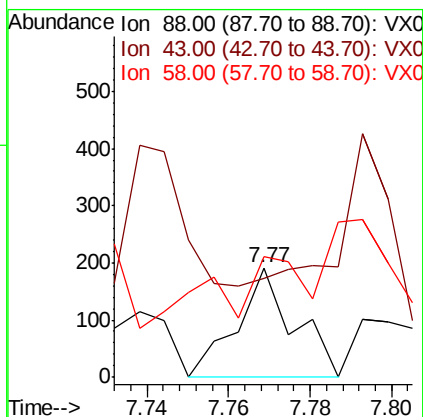
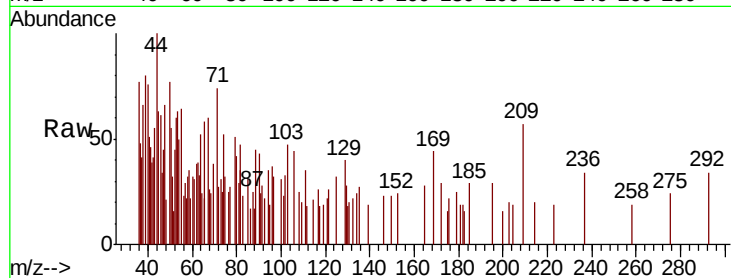




#49
1,4-Dioxane
Concen: 1.807 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.02 min
Lab File: VX007712.D
Acq: 26 Feb 2019 14:39

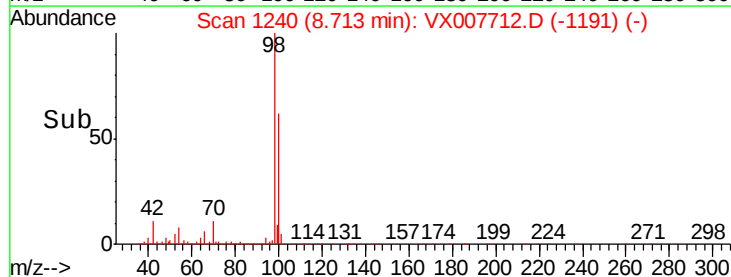
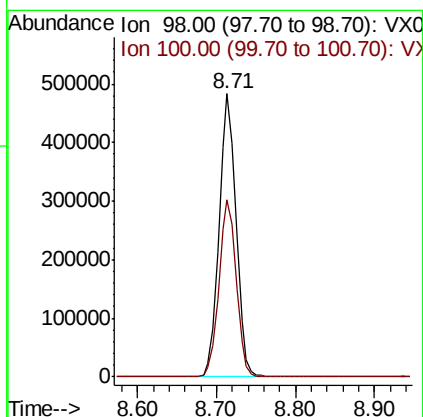
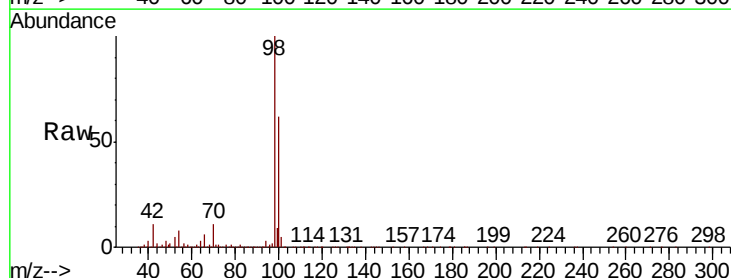
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-EB-20190221

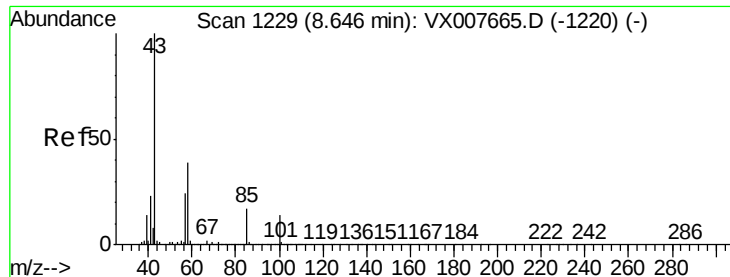
Tgt Ion: 88 Resp: 187
Ion Ratio Lower Upper
88 100
43 0.0 24.2 36.4#
58 0.0 53.0 79.4#



#50
Toluene-d8
Concen: 47.591 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007712.D
Acq: 26 Feb 2019 14:39

Tgt Ion: 98 Resp: 724363
Ion Ratio Lower Upper
98 100
100 63.3 51.6 77.4

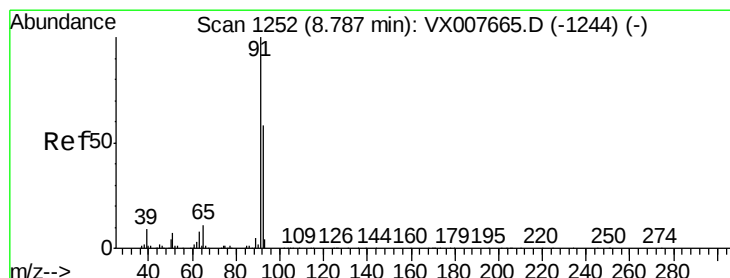
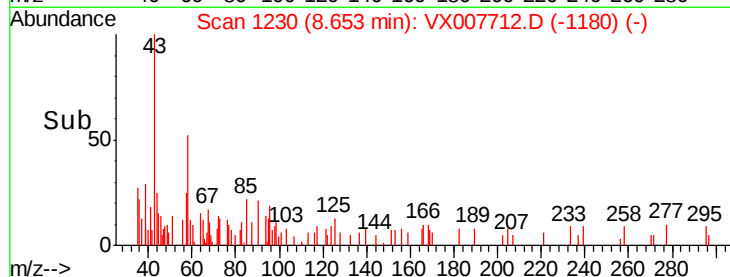
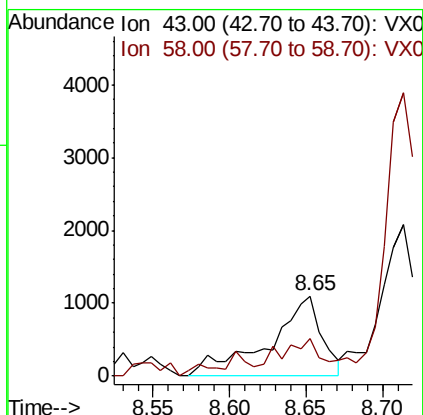
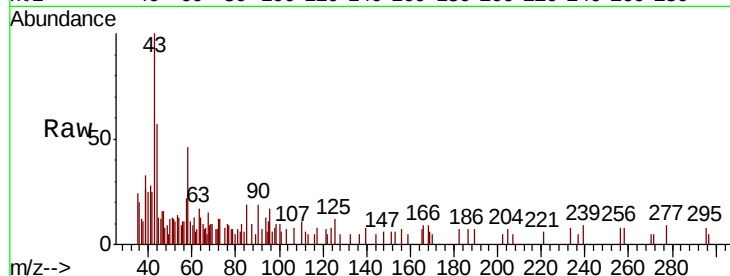




#51
 4-Methyl-2-Pentanone
 Concen: 0.432 ug/l
 RT: 8.65 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: VX007712.D
 Acq: 26 Feb 2019 14:39

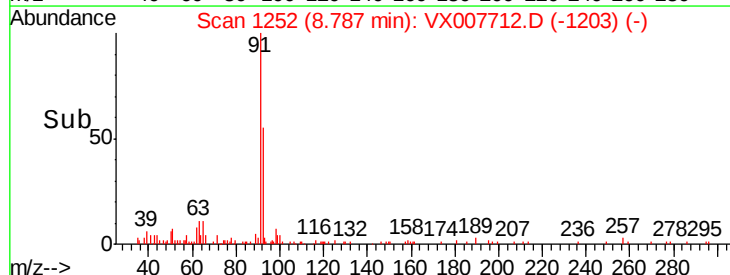
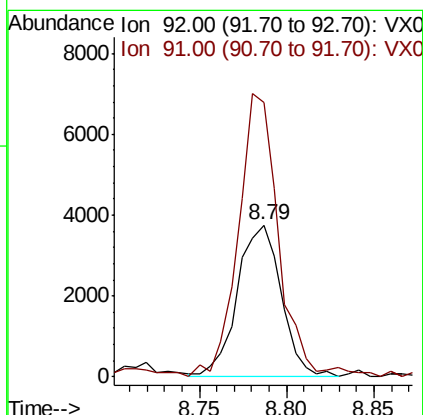
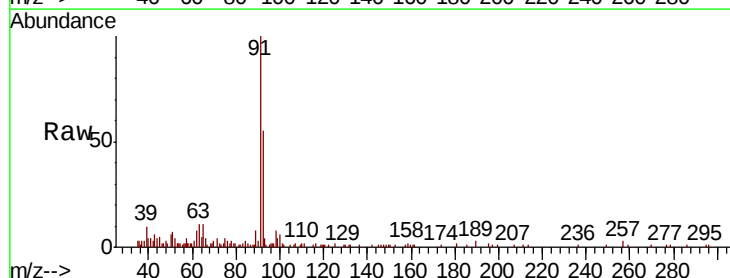
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-EB-20190221

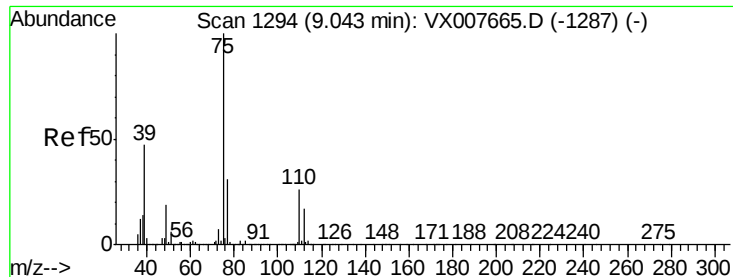
Tgt Ion: 43 Resp: 2645
 Ion Ratio Lower Upper
 43 100
 58 31.7 31.2 46.8



#52
 Toluene
 Concen: 0.632 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX007712.D
 Acq: 26 Feb 2019 14:39

Tgt Ion: 92 Resp: 6579
 Ion Ratio Lower Upper
 92 100
 91 168.1 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 2.869 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

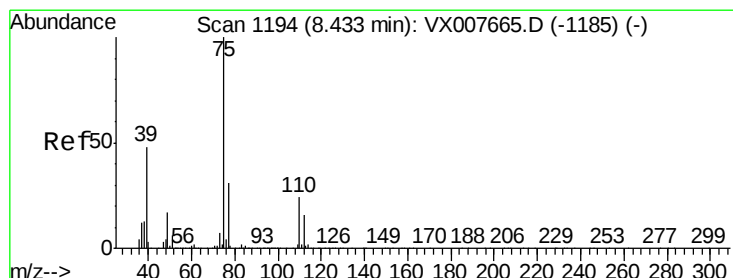
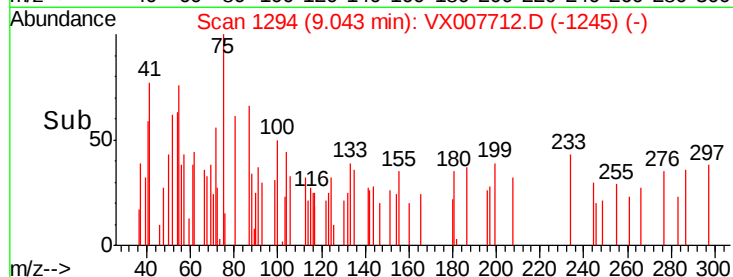
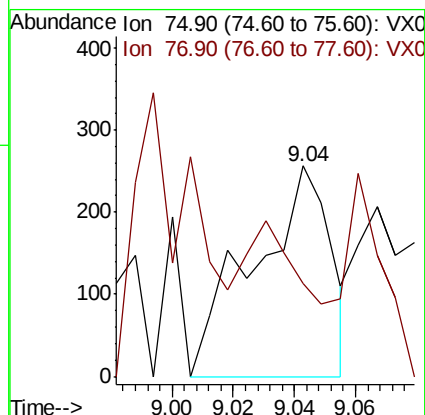
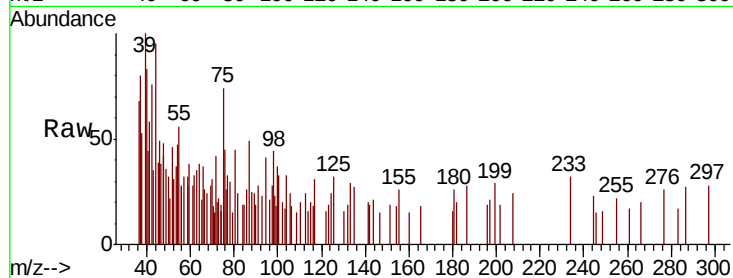
BP-VPB201-EB-20190221

Tgt Ion: 75 Resp: 449

Ion Ratio Lower Upper

75 100

77 0.0 25.2 37.8#



#54

cis-1,3-Dichloropropene

Concen: 0.066 ug/l

RT: 8.43 min Scan# 1193

Delta R.T. -0.01 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

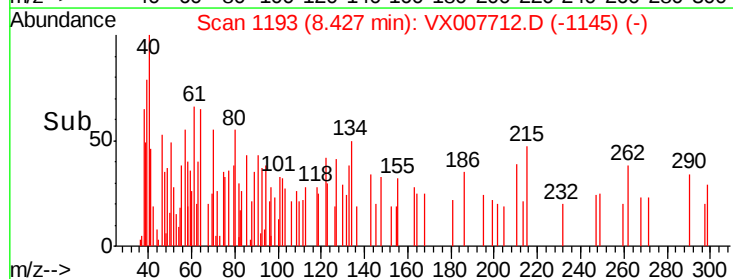
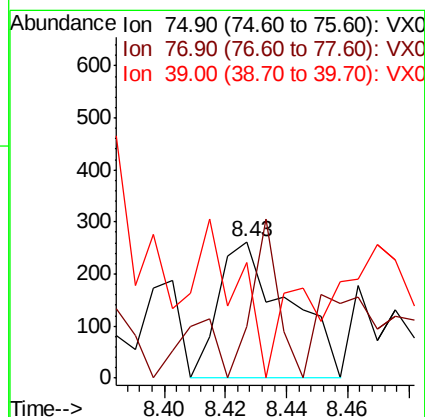
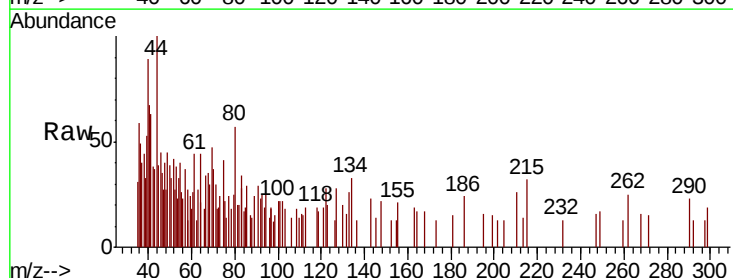
Tgt Ion: 75 Resp: 413

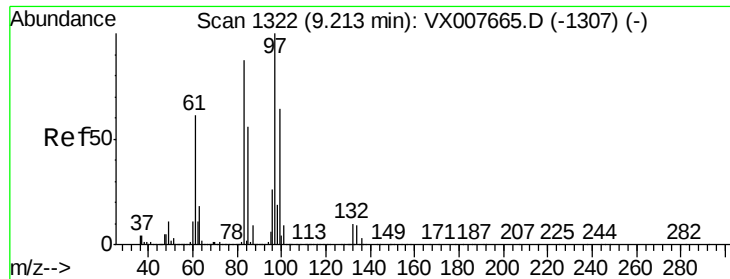
Ion Ratio Lower Upper

75 100

77 0.4 26.2 39.4#

39 21.8 37.1 55.7#

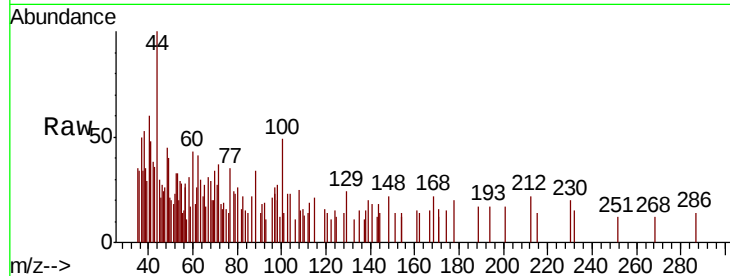




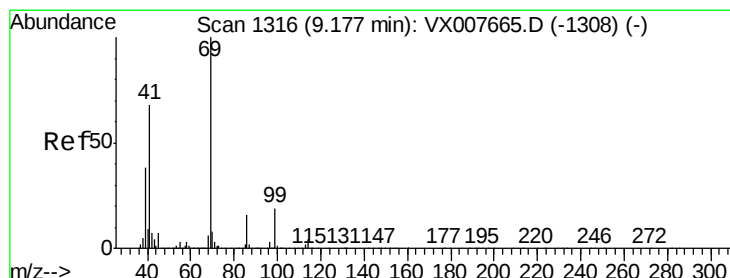
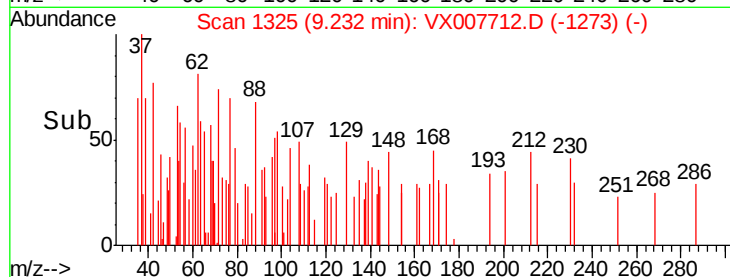
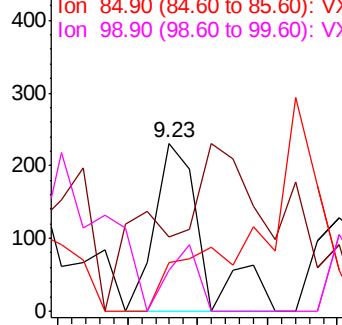
#55
 1,1,2-Trichloroethane
 Concen: 0.052 ug/l
 RT: 9.23 min Scan# 1325
 Delta R.T. 0.02 min
 Lab File: VX007712.D
 Acq: 26 Feb 2019 14:39

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-EB-20190221

Tgt Ion: 97 Resp: 224
 Ion Ratio Lower Upper
 97 100
 83 1.3 68.6 102.8#
 85 28.6 44.5 66.7#
 99 24.7 52.2 78.4#

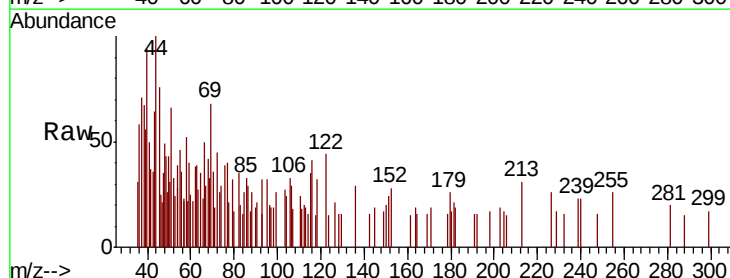


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

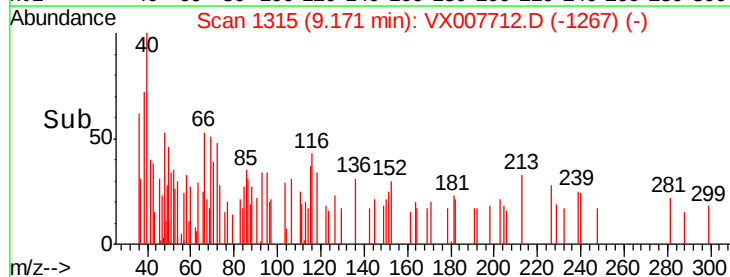
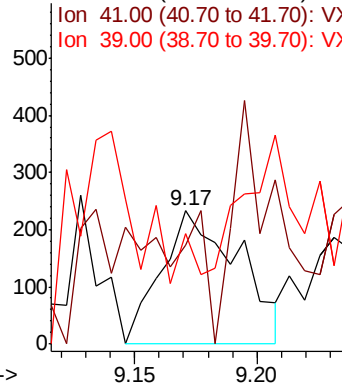


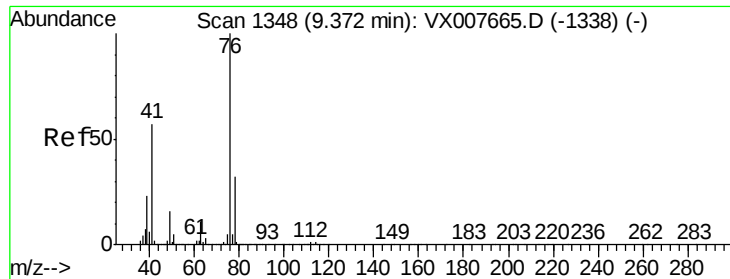
#56
 Ethyl methacrylate
 Concen: 0.083 ug/l
 RT: 9.17 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VX007712.D
 Acq: 26 Feb 2019 14:39

Tgt Ion: 69 Resp: 514
 Ion Ratio Lower Upper
 69 100
 41 0.0 52.1 78.1#
 39 0.0 30.1 45.1#



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: 0.021 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.21 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

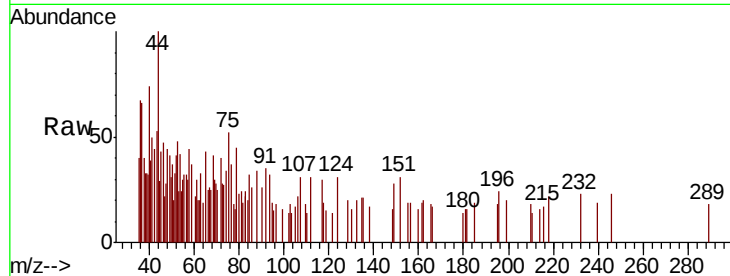
BP-VPB201-EB-20190221

Tgt Ion: 76 Resp: 143

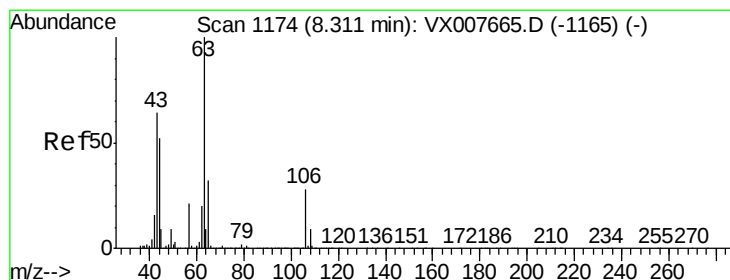
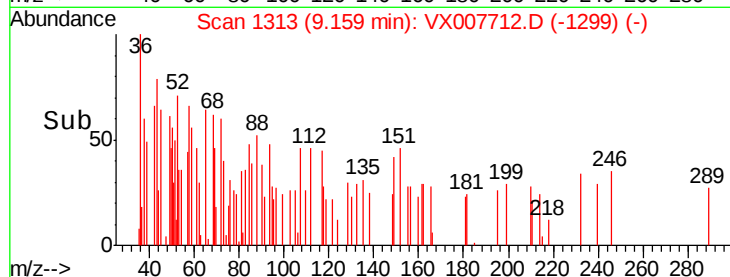
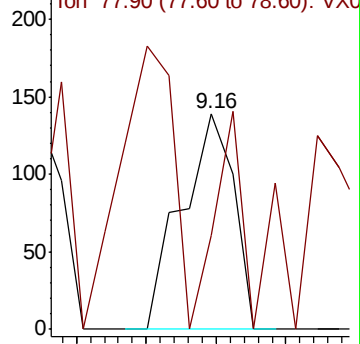
Ion Ratio Lower Upper

76 100

78 36.4 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 0.145 ug/l

RT: 8.41 min Scan# 1190

Delta R.T. 0.10 min

Lab File: VX007712.D

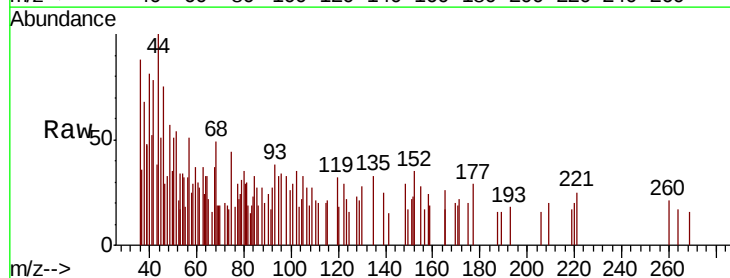
Acq: 26 Feb 2019 14:39

Tgt Ion: 63 Resp: 492

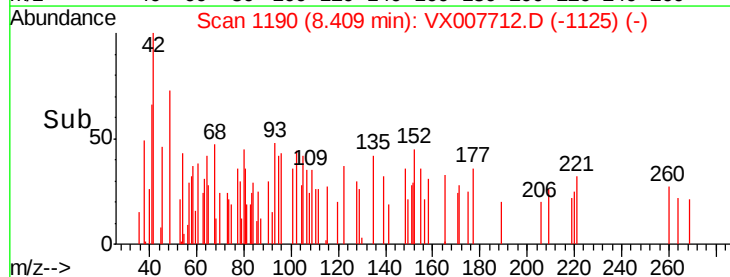
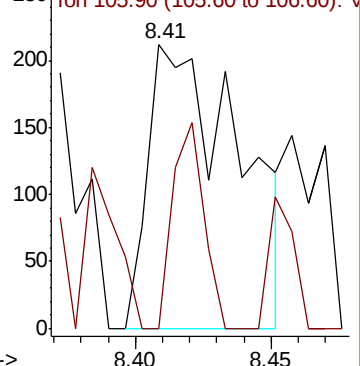
Ion Ratio Lower Upper

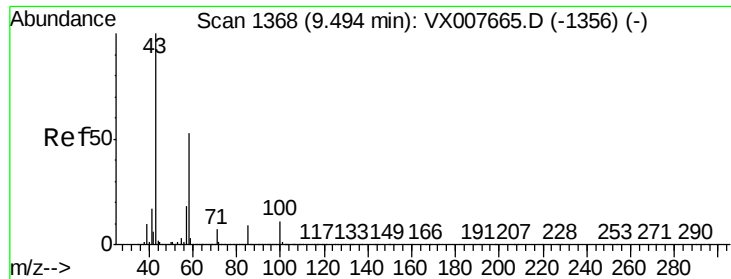
63 100

106 24.8 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

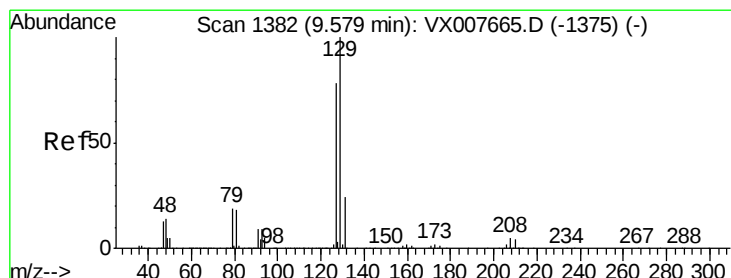
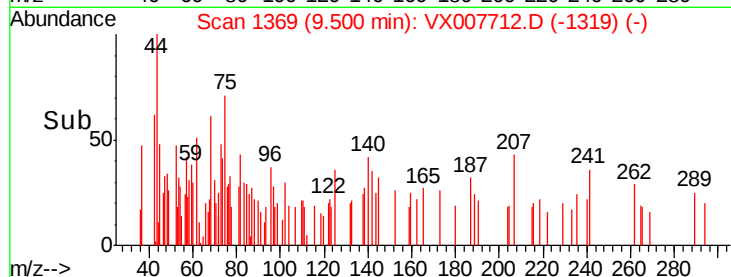
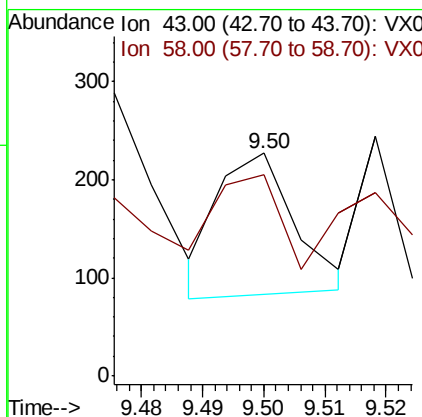
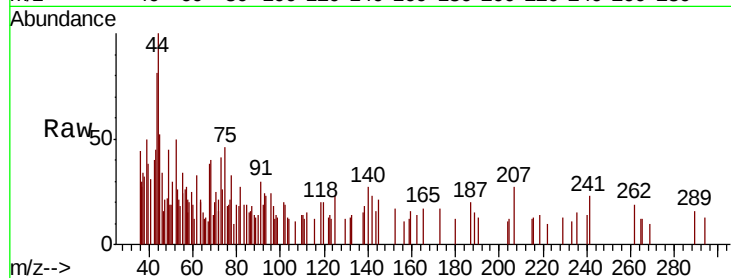




#59
2-Hexanone
Concen: 0.026 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VX007712.D
Acq: 26 Feb 2019 14:39

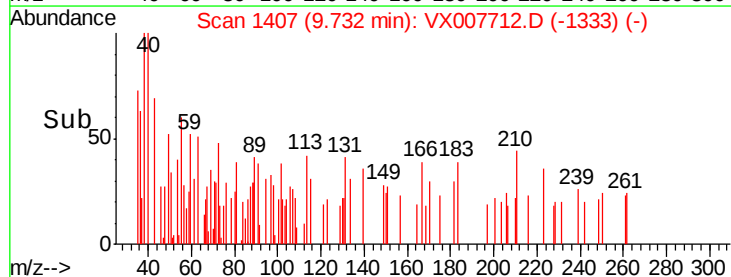
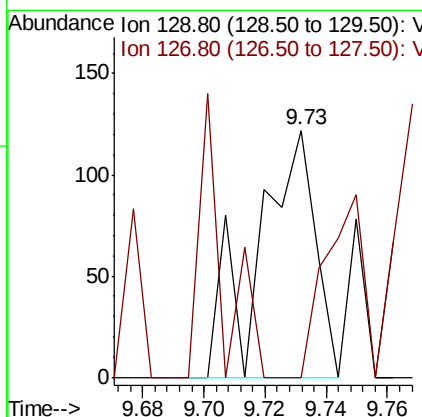
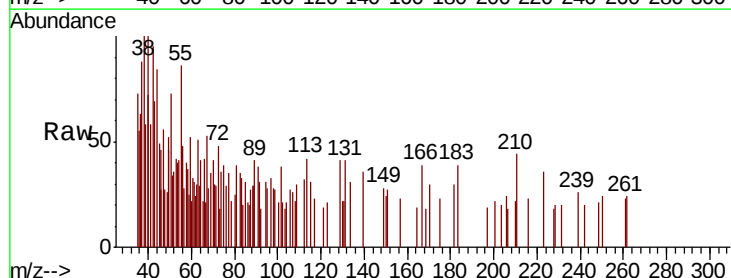
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-EB-20190221

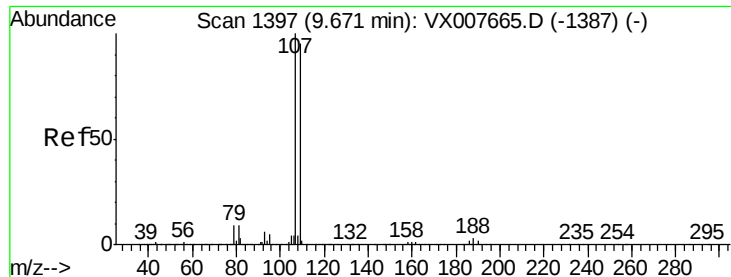
Tgt Ion: 43 Resp: 127
Ion Ratio Lower Upper
43 100
58 278.0 27.1 81.3#



#60
Dibromochloromethane
Concen: 0.038 ug/l
RT: 9.73 min Scan# 1407
Delta R.T. 0.15 min
Lab File: VX007712.D
Acq: 26 Feb 2019 14:39

Tgt Ion: 129 Resp: 160
Ion Ratio Lower Upper
129 100
127 48.8 37.8 113.4





#61

1,2-Dibromoethane

Concen: 0.045 ug/l

RT: 9.80 min Scan# 1419

Delta R.T. 0.13 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

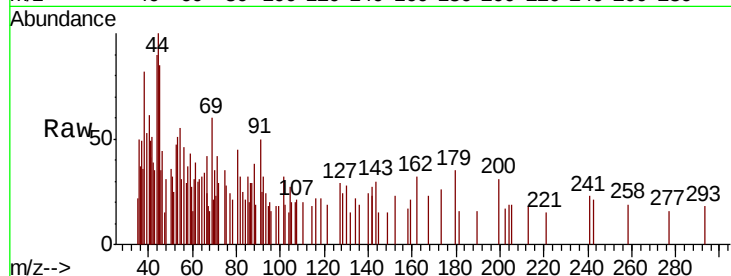
BP-VPB201-EB-20190221

Tgt Ion: 107 Resp: 203

Ion Ratio Lower Upper

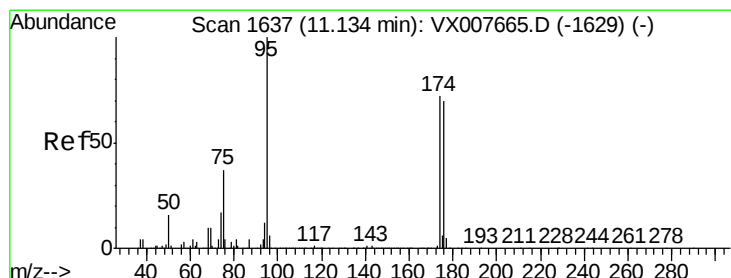
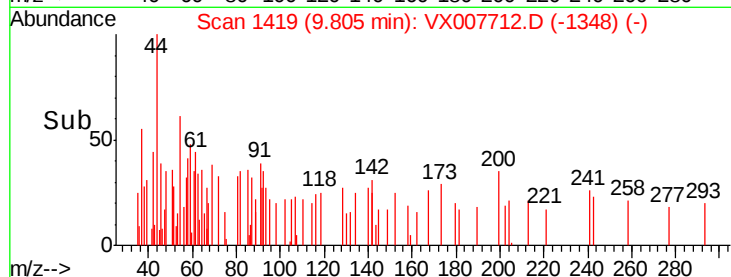
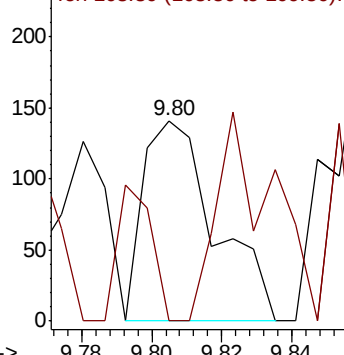
107 100

109 80.3 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.906 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

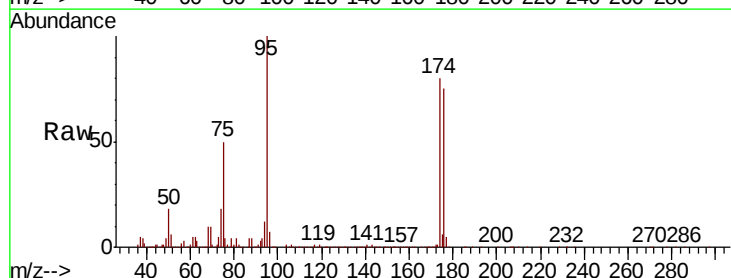
Tgt Ion: 95 Resp: 250869

Ion Ratio Lower Upper

95 100

174 85.2 0.0 189.2

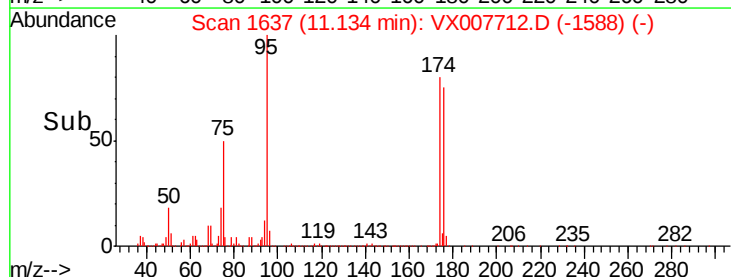
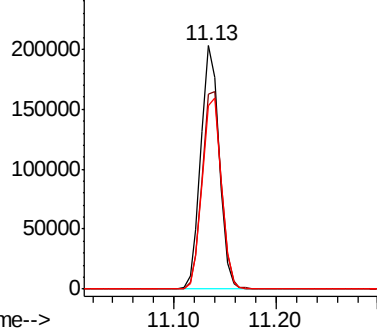
176 82.1 0.0 186.2

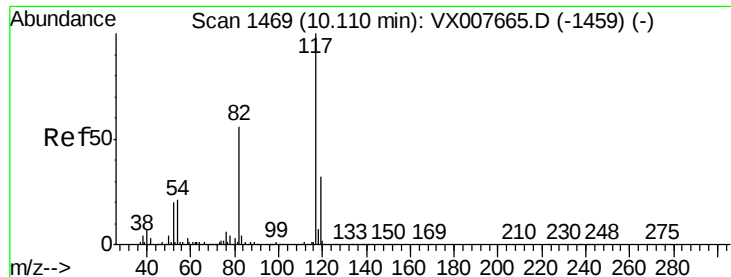


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-EB-20190221

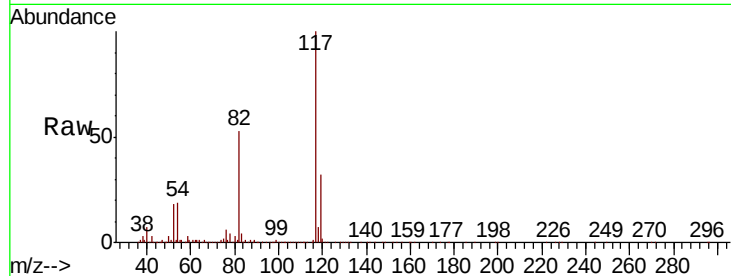
Tgt Ion:117 Resp: 559199

Ion Ratio Lower Upper

117 100

82 53.2 42.1 63.1

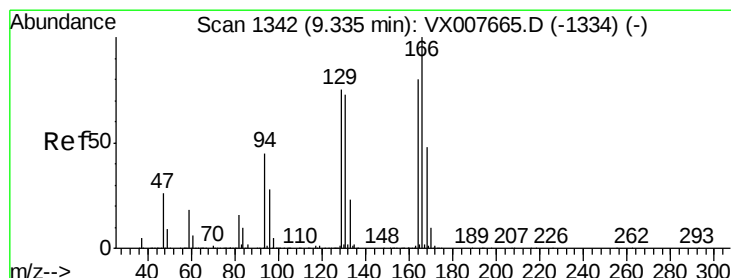
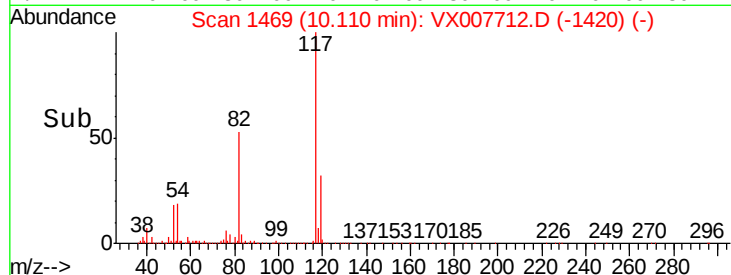
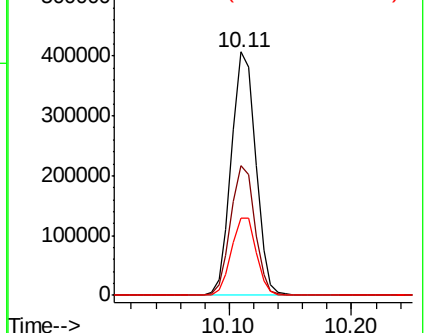
119 31.8 26.5 39.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 0.070 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

Tgt Ion:164 Resp: 317

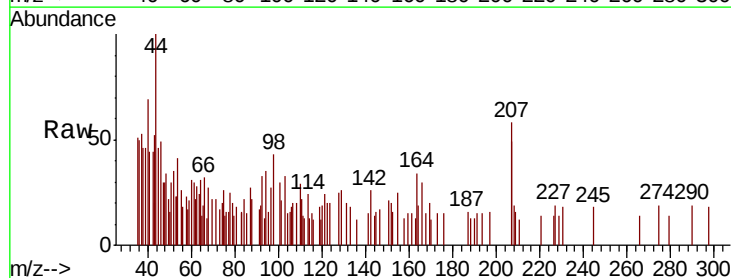
Ion Ratio Lower Upper

164 100

166 56.2 101.0 151.4#

129 50.0 70.5 105.7#

131 5.3 69.8 104.6#

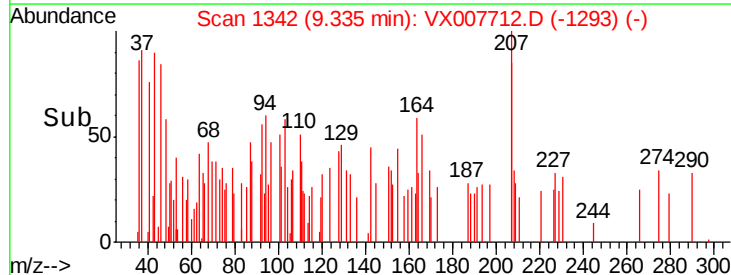
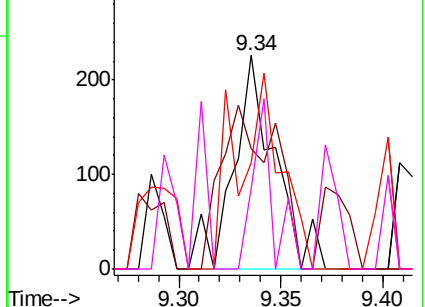


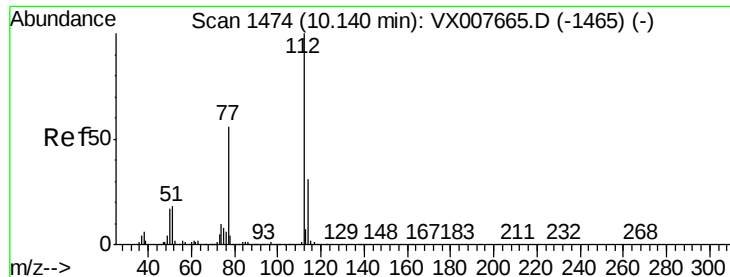
Abundance Ion 163.80 (163.50 to 164.50): V

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

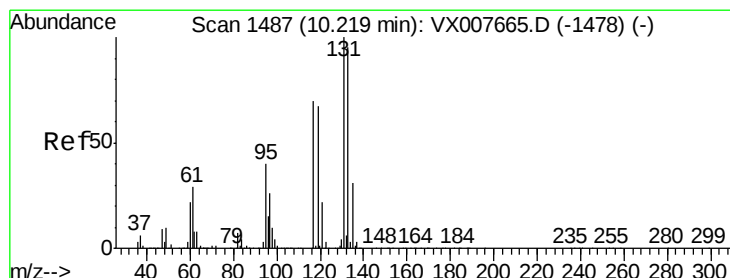
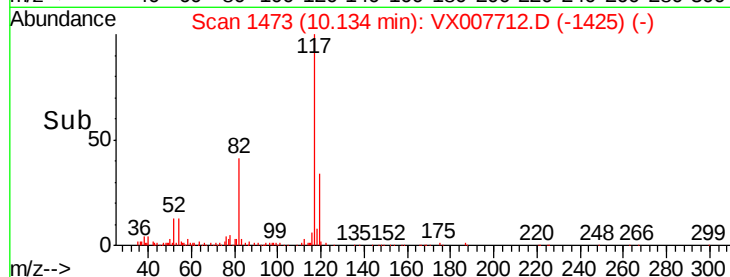
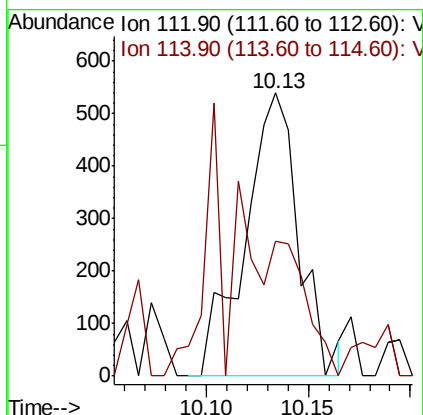
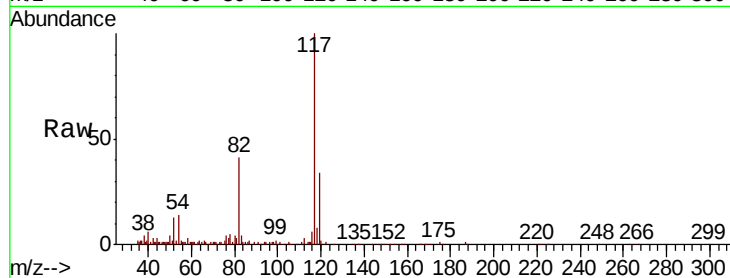




#65
Chlorobenzene
Concen: 0.082 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX007712.D
Acq: 26 Feb 2019 14:39

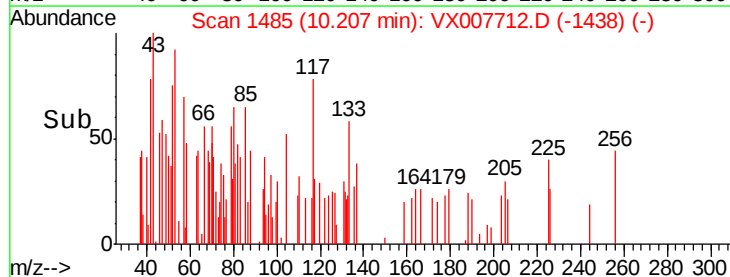
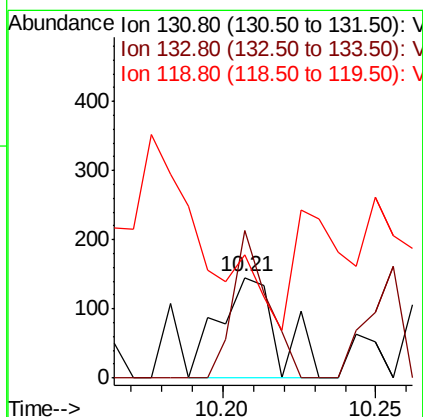
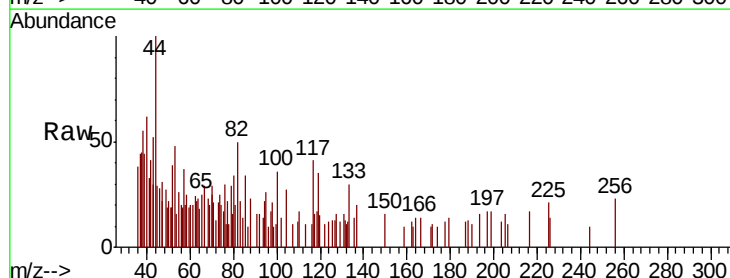
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-EB-20190221

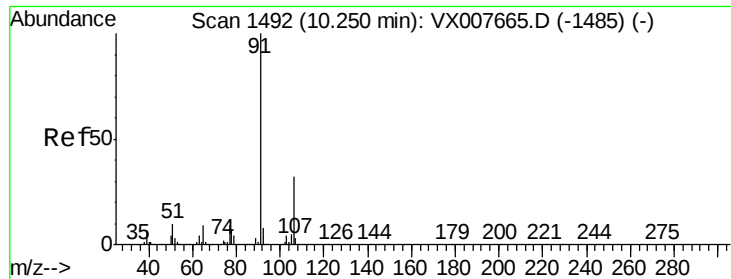
Tgt Ion:112 Resp: 994
Ion Ratio Lower Upper
112 100
114 47.9 25.8 38.6#



#66
1,1,1,2-Tetrachloroethane
Concen: 0.047 ug/l
RT: 10.21 min Scan# 1485
Delta R.T. -0.01 min
Lab File: VX007712.D
Acq: 26 Feb 2019 14:39

Tgt Ion:131 Resp: 198
Ion Ratio Lower Upper
131 100
133 84.3 48.0 144.2
119 0.0 32.0 96.0#

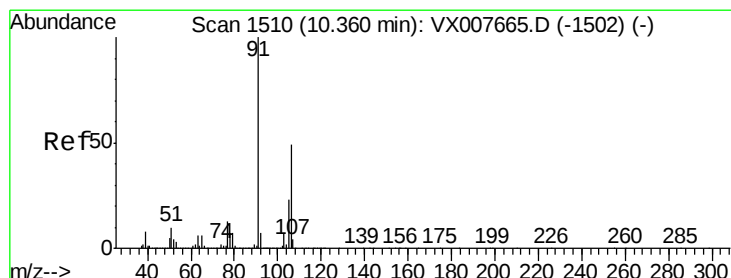
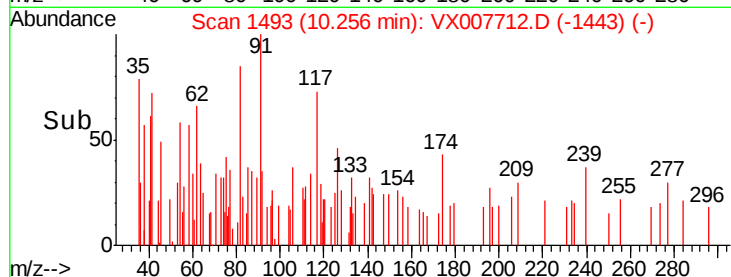
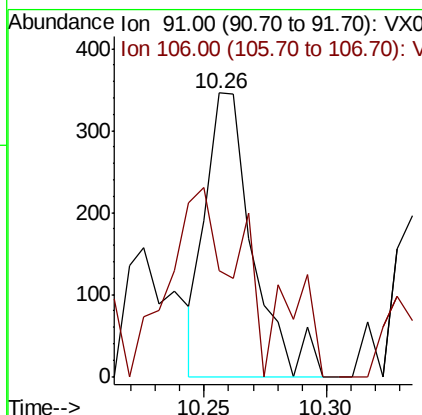
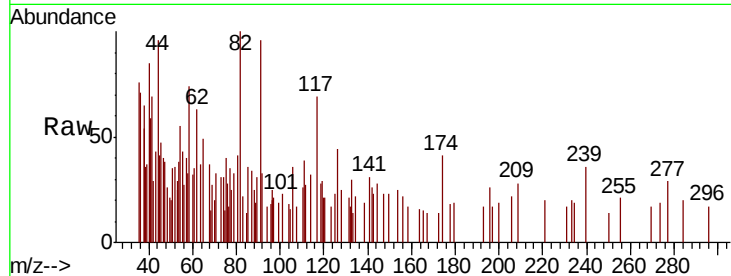




#67
Ethyl Benzene
Concen: 0.023 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VX007712.D
Acq: 26 Feb 2019 14:39

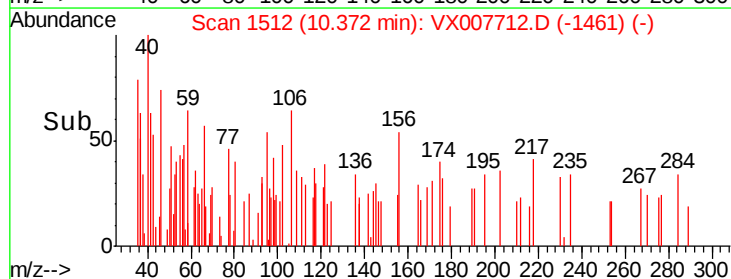
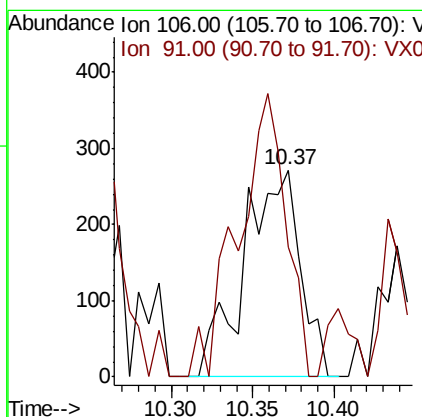
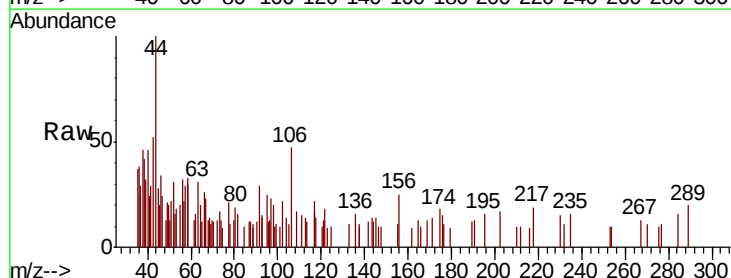
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-EB-20190221

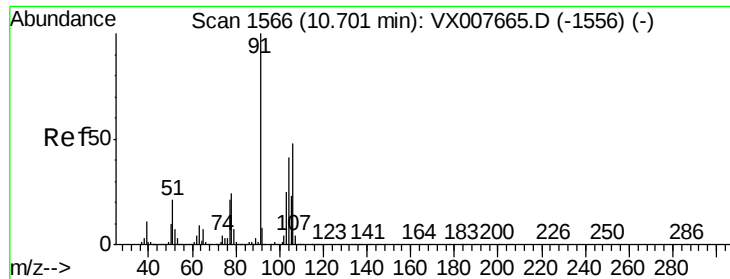
Tgt Ion: 91 Resp: 462
Ion Ratio Lower Upper
91 100
106 37.3 25.4 38.0



#68
m/p-Xylenes
Concen: 0.083 ug/l
RT: 10.37 min Scan# 1512
Delta R.T. 0.01 min
Lab File: VX007712.D
Acq: 26 Feb 2019 14:39

Tgt Ion: 106 Resp: 650
Ion Ratio Lower Upper
106 100
91 117.5 156.6 234.8#

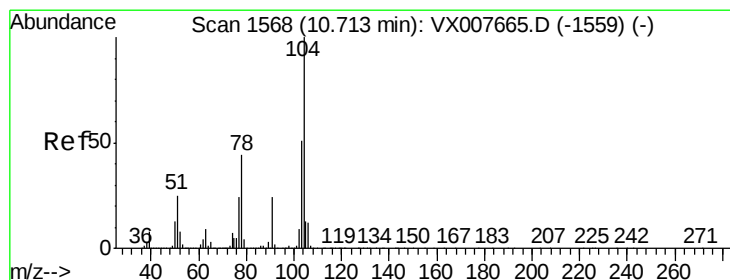
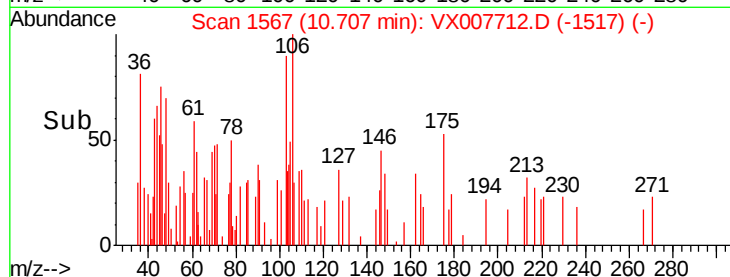
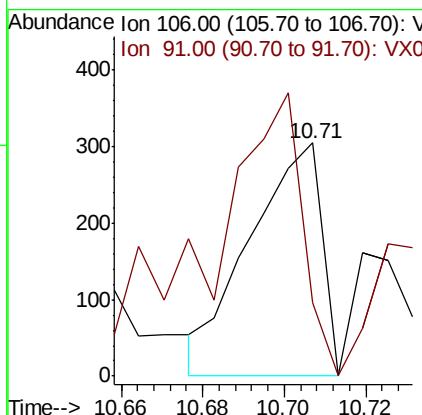
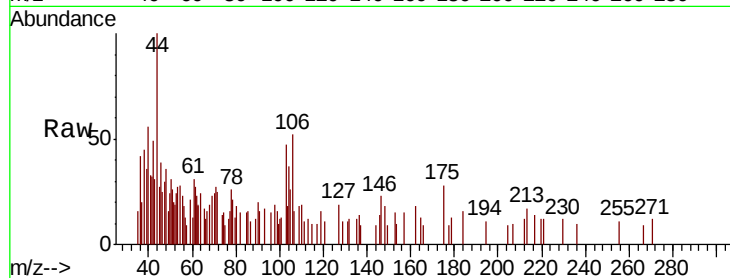




#69
o-Xylene
Concen: 0.050 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.01 min
Lab File: VX007712.D
Acq: 26 Feb 2019 14:39

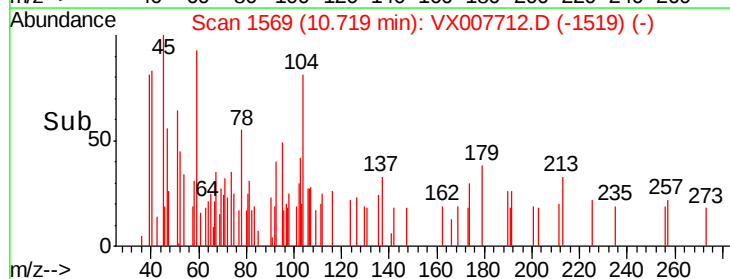
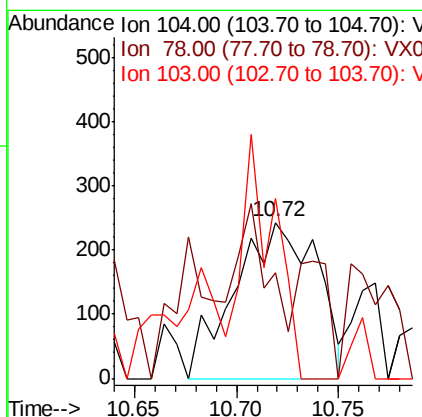
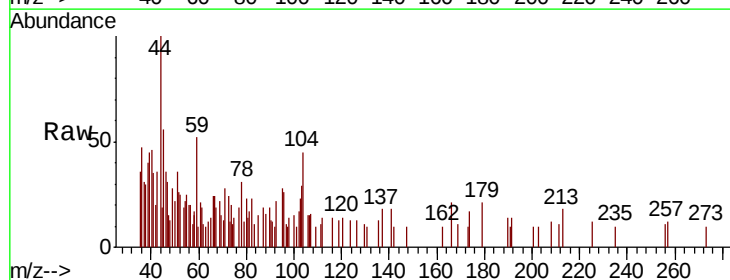
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-EB-20190221

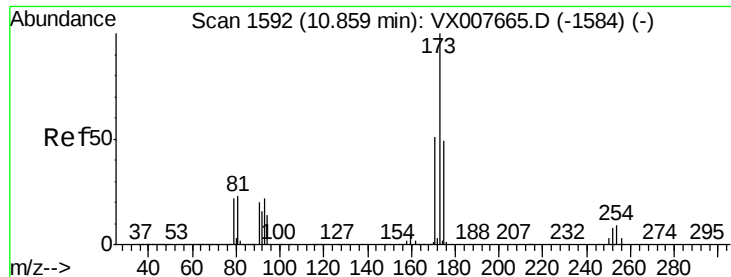
Tgt Ion:106 Resp: 373
Ion Ratio Lower Upper
106 100
91 156.8 102.9 308.7



#70
Styrene
Concen: 0.055 ug/l
RT: 10.72 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VX007712.D
Acq: 26 Feb 2019 14:39

Tgt Ion:104 Resp: 682
Ion Ratio Lower Upper
104 100
78 45.2 38.3 57.5
103 60.7 44.6 67.0





#71

Bromoform

Concen: 0.033 ug/l

RT: 11.01 min Scan# 1616

Delta R.T. 0.15 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-EB-20190221

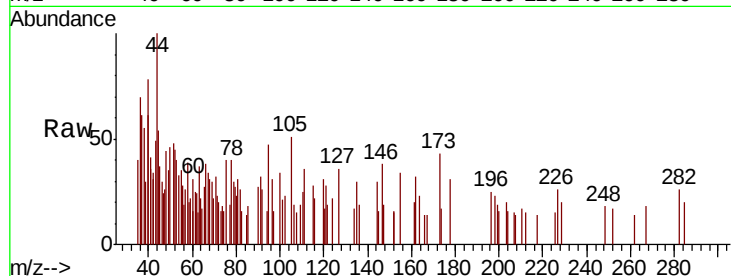
Tgt Ion:173 Resp: 105

Ion Ratio Lower Upper

173 100

175 0.0 24.2 72.6#

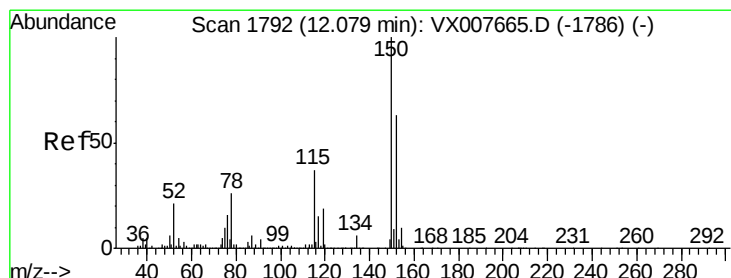
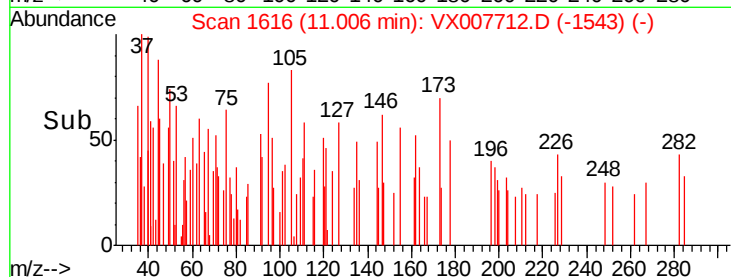
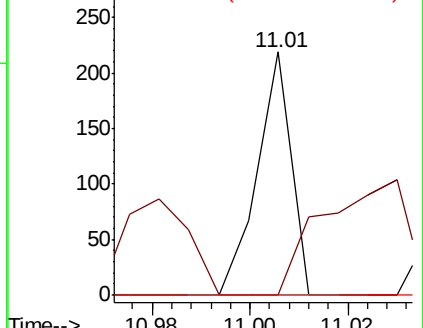
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

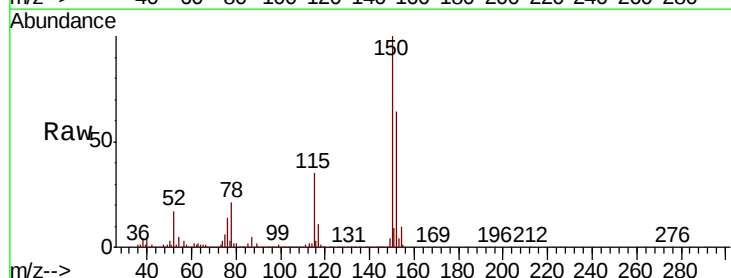
Tgt Ion:152 Resp: 253758

Ion Ratio Lower Upper

152 100

115 57.5 38.0 114.0

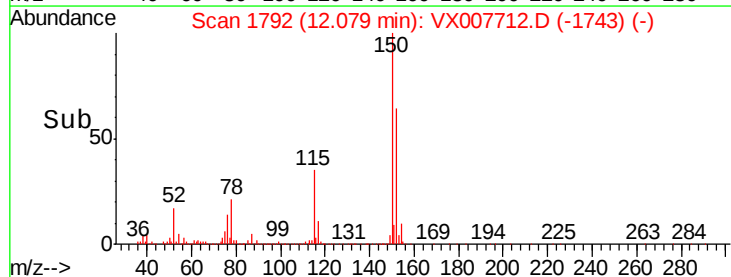
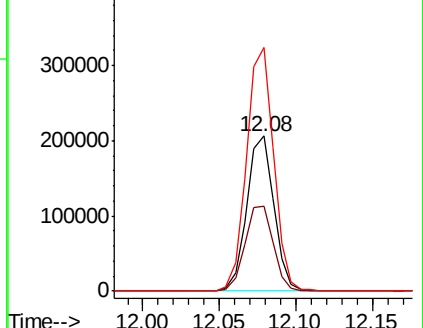
150 157.0 0.0 346.4

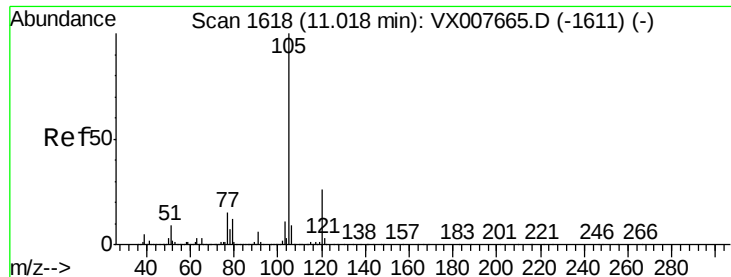


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.035 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.12 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

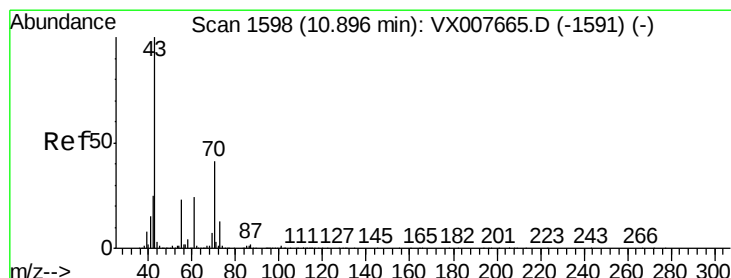
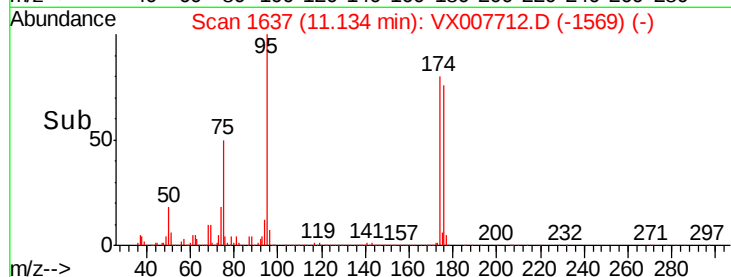
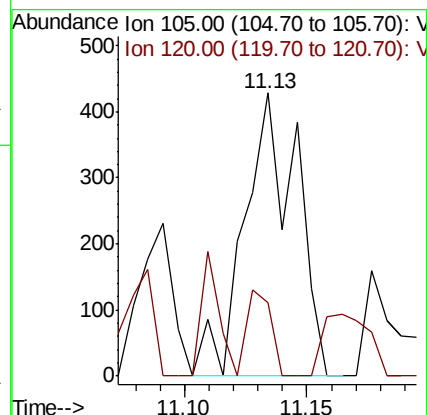
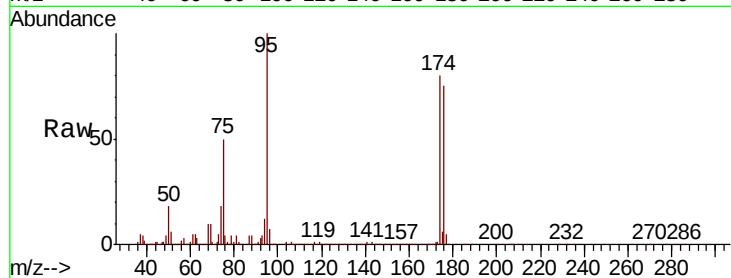
BP-VPB201-EB-20190221

Tgt Ion: 105 Resp: 634

Ion Ratio Lower Upper

105 100

120 14.0 13.6 40.7



#74

N-ethyl acetate

Concen: 0.032 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

Tgt Ion: 43 Resp: 255

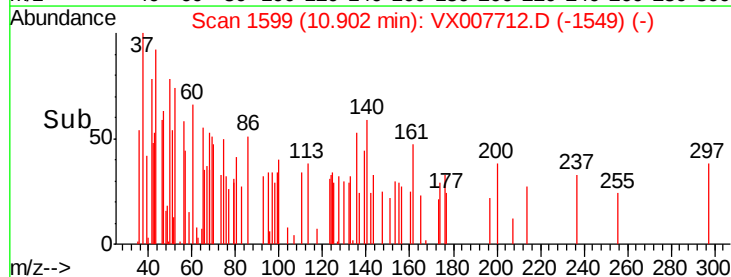
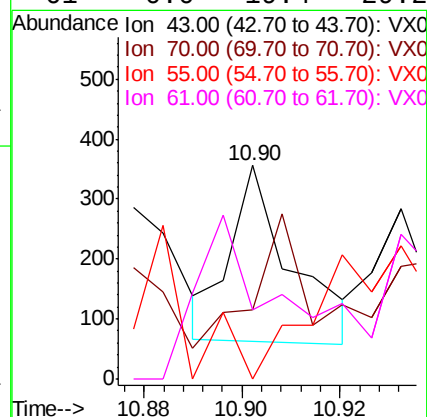
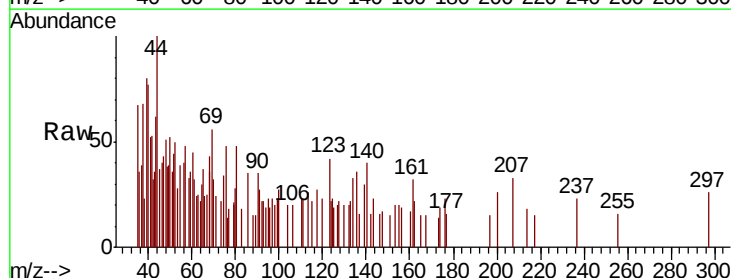
Ion Ratio Lower Upper

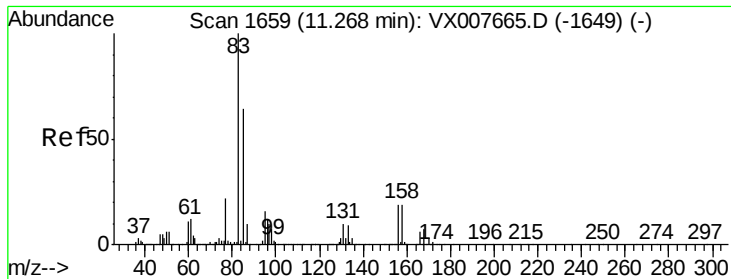
43 100

70 73.3 33.8 50.6#

55 0.0 19.5 29.3#

61 0.0 19.4 29.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.057 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.02 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-EB-20190221

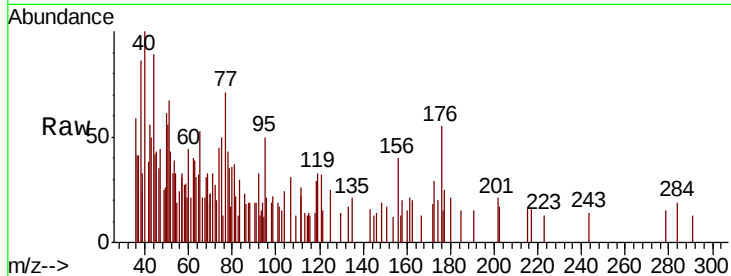
Tgt Ion: 83 Resp: 360

Ion Ratio Lower Upper

83 100

131 16.4 5.7 17.0

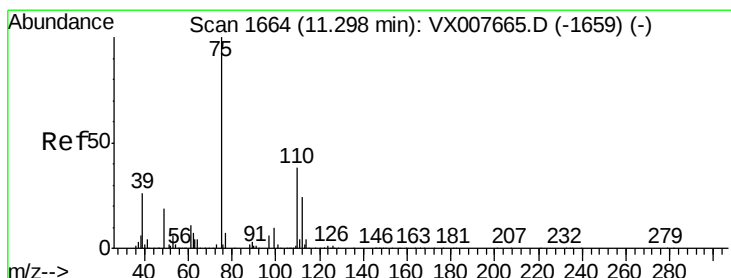
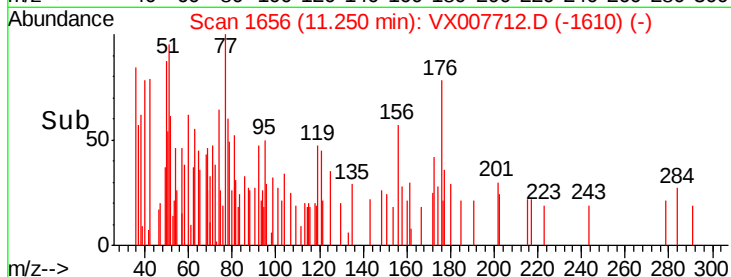
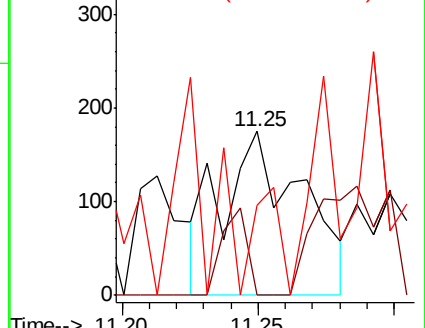
85 0.0 32.8 98.3#



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: 22.513 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007712.D

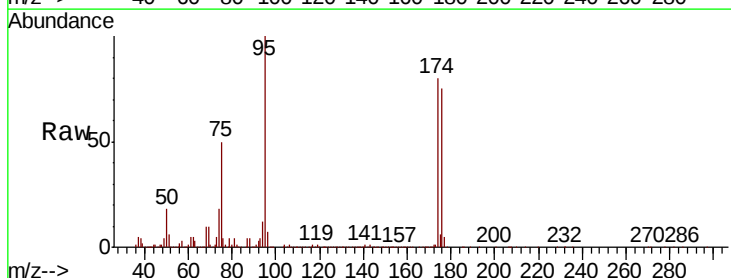
Acq: 26 Feb 2019 14:39

Tgt Ion: 75 Resp: 121773

Ion Ratio Lower Upper

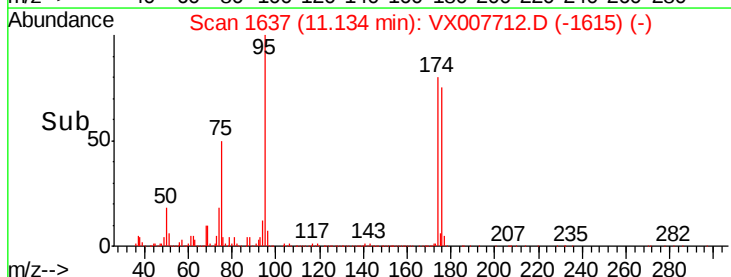
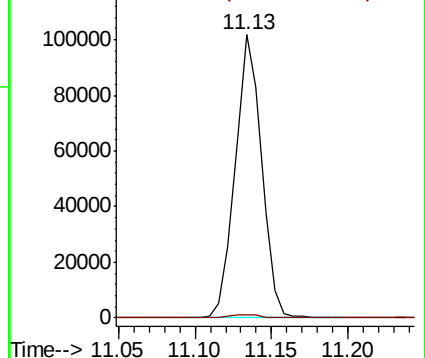
75 100

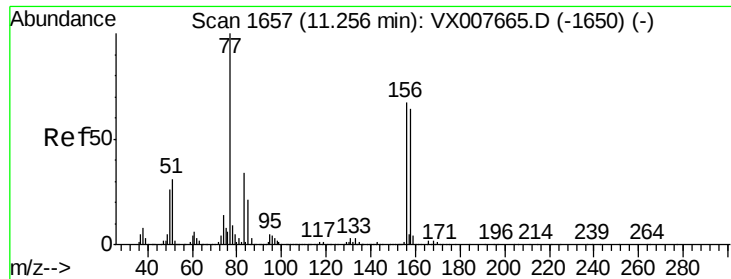
77 1.4 23.0 69.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 0.062 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-EB-20190221

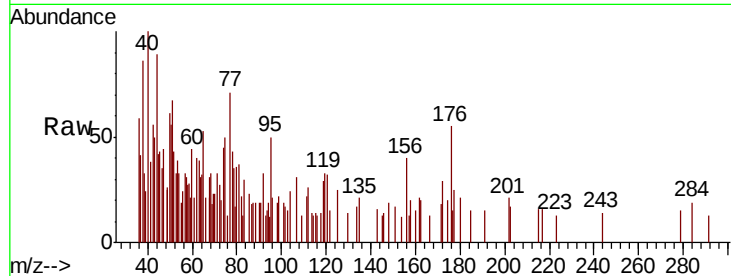
Tgt Ion: 156 Resp: 284

Ion Ratio Lower Upper

156 100

77 167.6 66.8 200.6

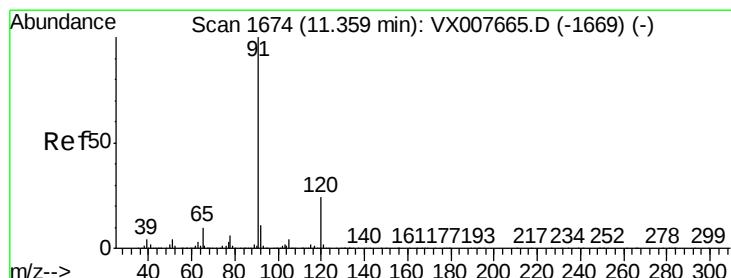
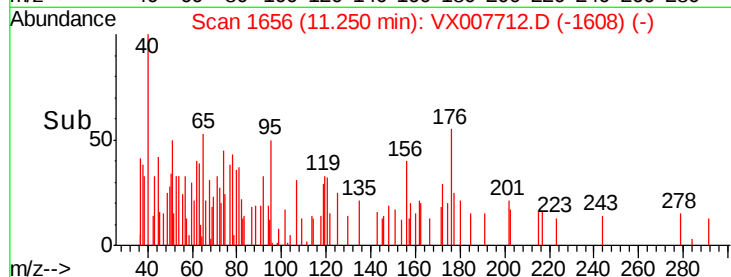
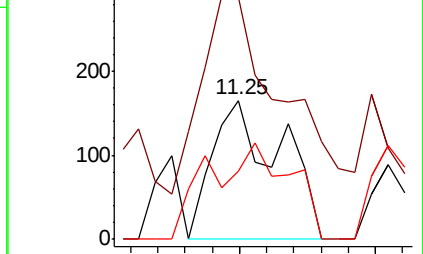
158 55.3 47.9 143.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.038 ug/l

RT: 11.37 min Scan# 1675

Delta R.T. 0.01 min

Lab File: VX007712.D

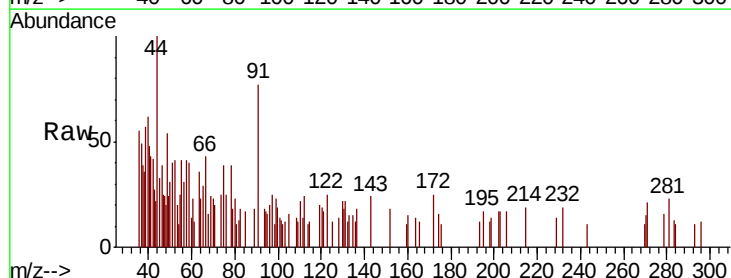
Acq: 26 Feb 2019 14:39

Tgt Ion: 91 Resp: 778

Ion Ratio Lower Upper

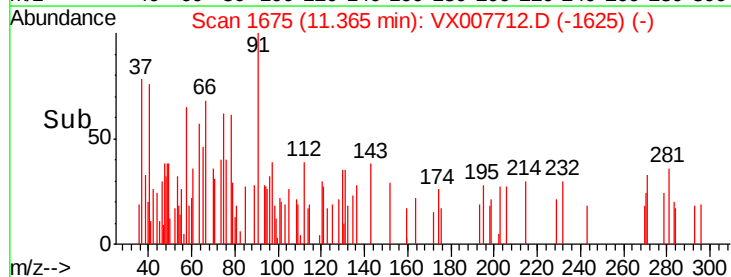
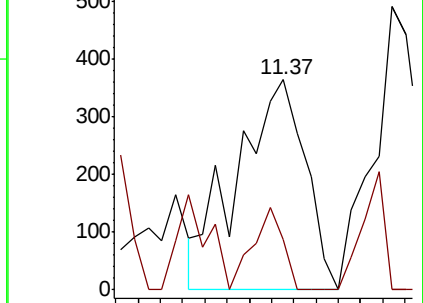
91 100

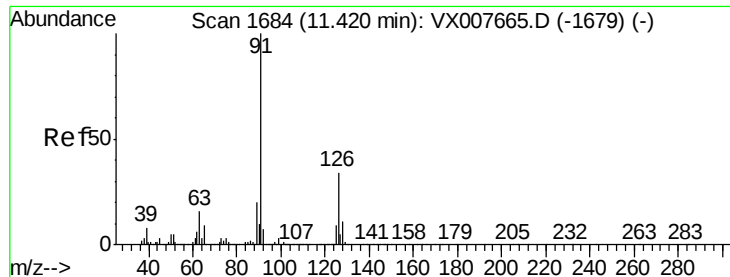
120 17.5 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.021 ug/l

RT: 11.32 min Scan# 1667

Delta R.T. -0.10 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

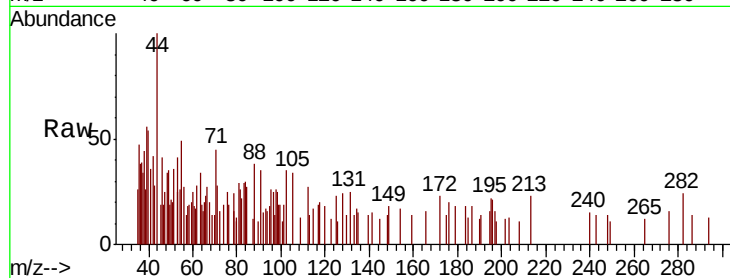
BP-VPB201-EB-20190221

Tgt Ion: 91 Resp: 258

Ion Ratio Lower Upper

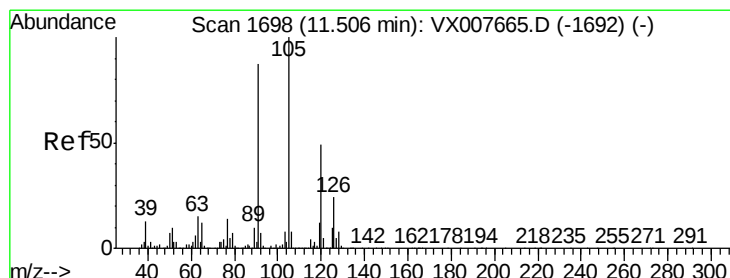
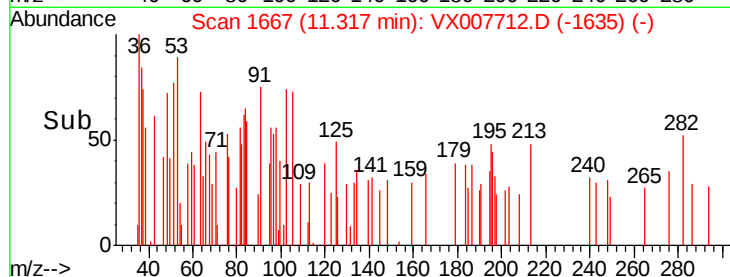
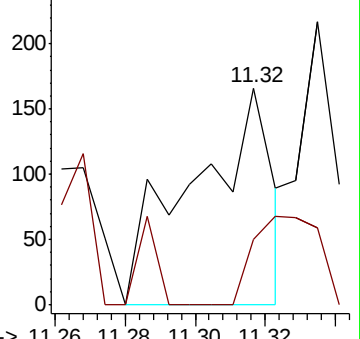
91 100

126 34.5 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 0.025 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007712.D

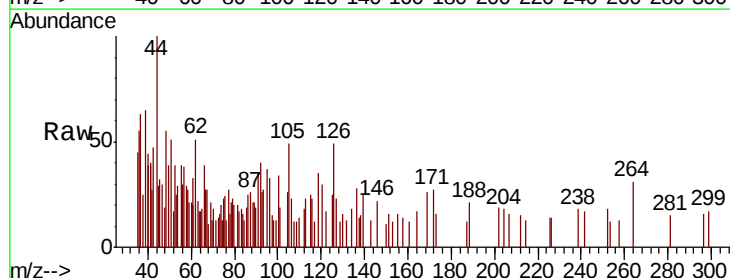
Acq: 26 Feb 2019 14:39

Tgt Ion: 105 Resp: 379

Ion Ratio Lower Upper

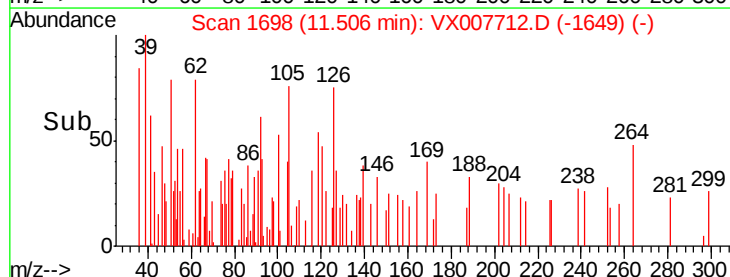
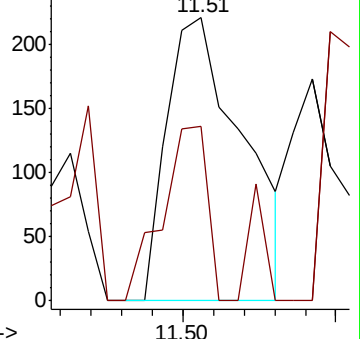
105 100

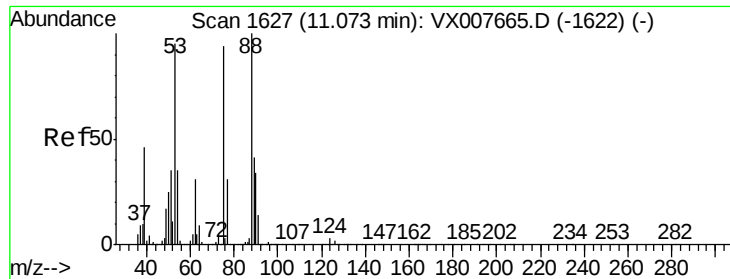
120 36.4 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

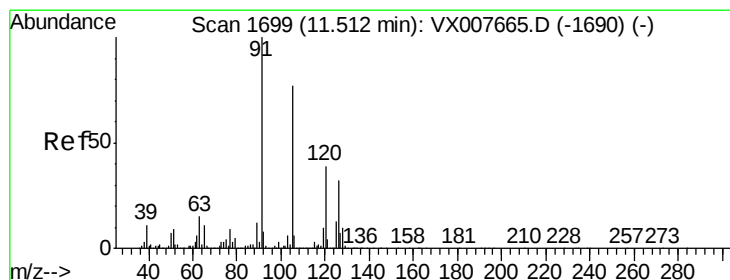
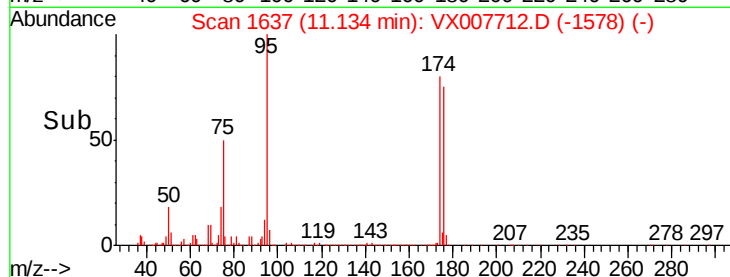
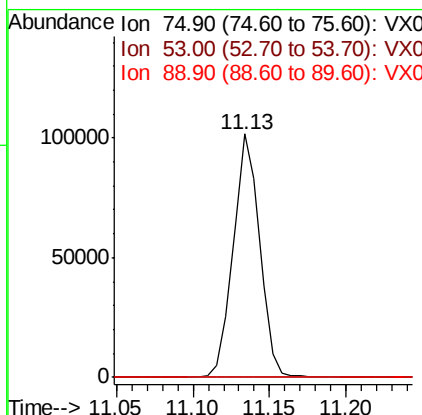
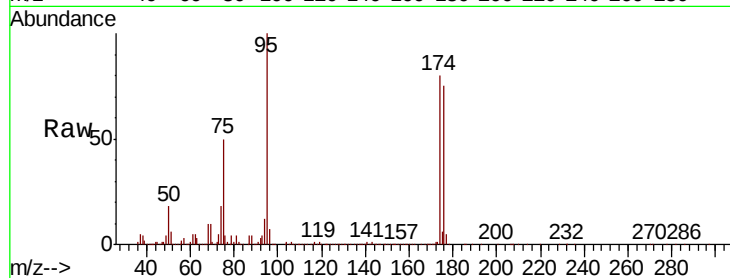




#81
trans-1,4-Dichloro-2-butene
Concen: 59.707 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX007712.D
Acq: 26 Feb 2019 14:39

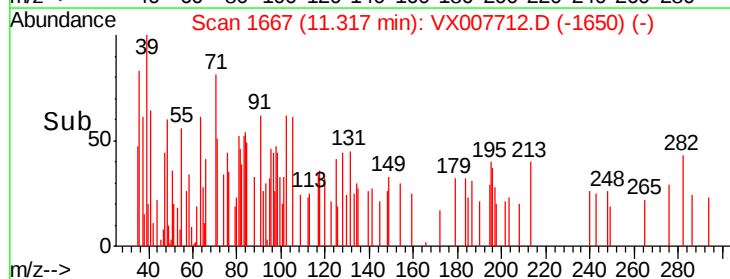
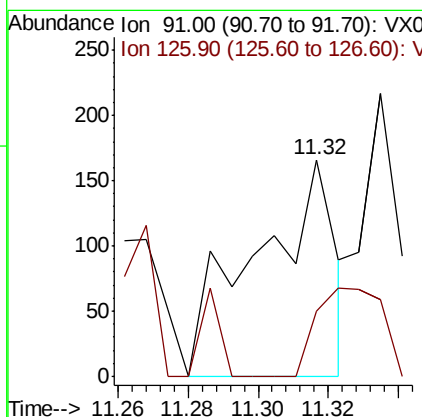
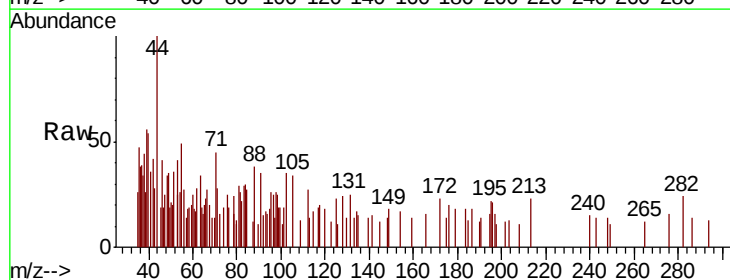
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-EB-20190221

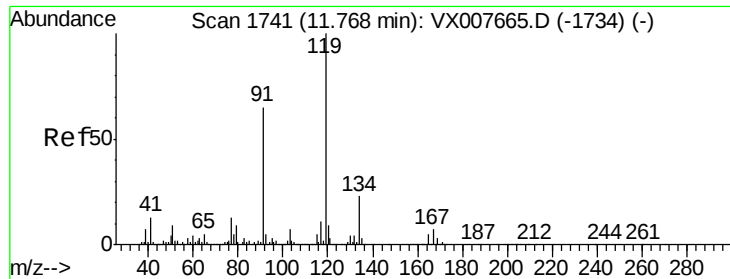
Tgt Ion: 75 Resp: 121773
Ion Ratio Lower Upper
75 100
53 0.0 81.0 121.6#
89 0.1 41.4 62.0#



#82
4-Chlorotoluene
Concen: 0.018 ug/l
RT: 11.32 min Scan# 1667
Delta R.T. -0.20 min
Lab File: VX007712.D
Acq: 26 Feb 2019 14:39

Tgt Ion: 91 Resp: 258
Ion Ratio Lower Upper
91 100
126 34.5 16.2 48.5





#83

tert-Butylbenzene

Concen: 0.011 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

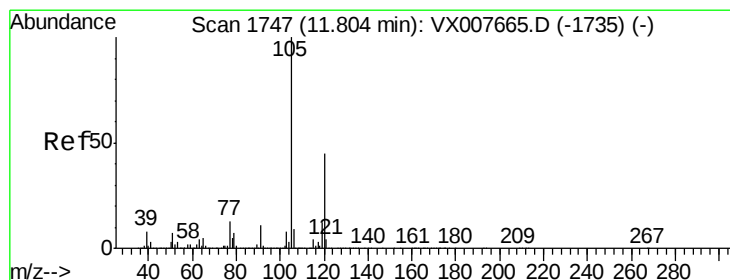
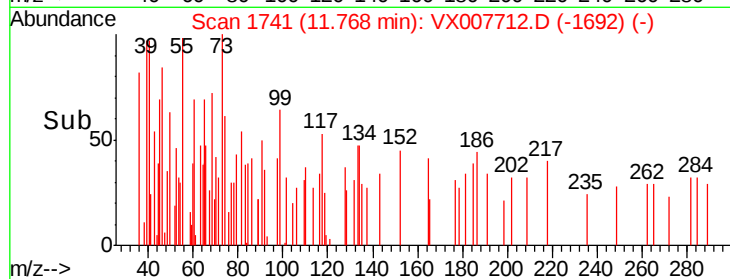
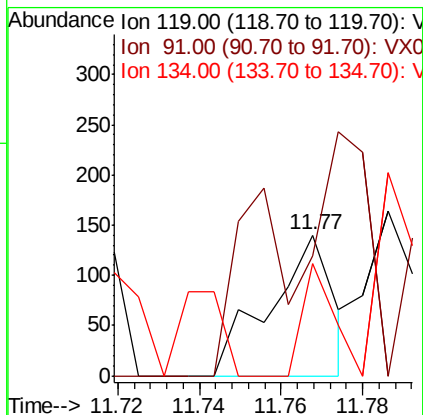
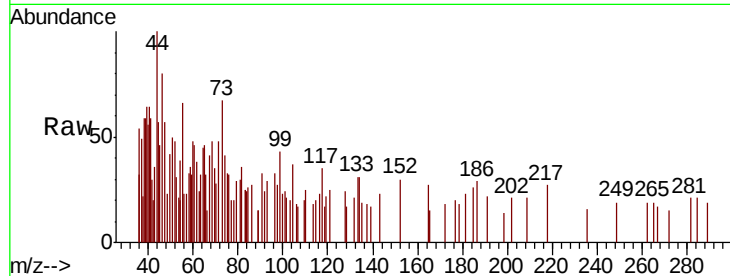
Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-EB-20190221

Tgt Ion:	119	Resp:	151
Ion	Ratio	Lower	Upper
119	100		
91	141.7	28.5	85.6#
134	0.0	12.0	36.0#



#84

1,2,4-Trimethylbenzene

Concen: 0.012 ug/l

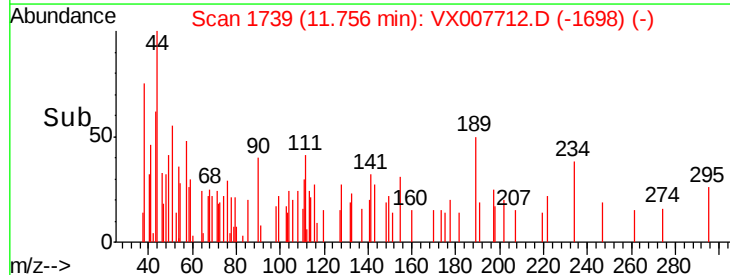
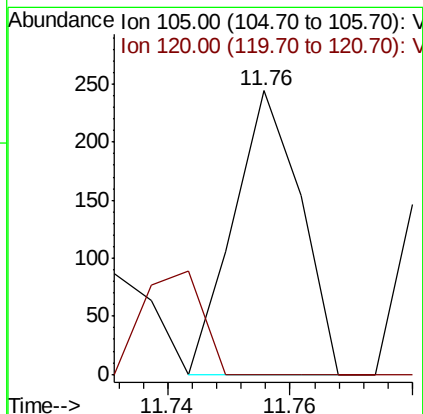
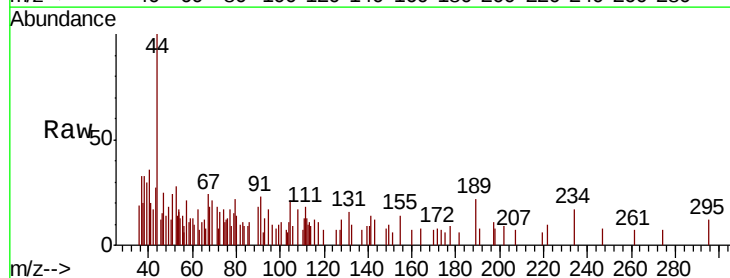
RT: 11.76 min Scan# 1739

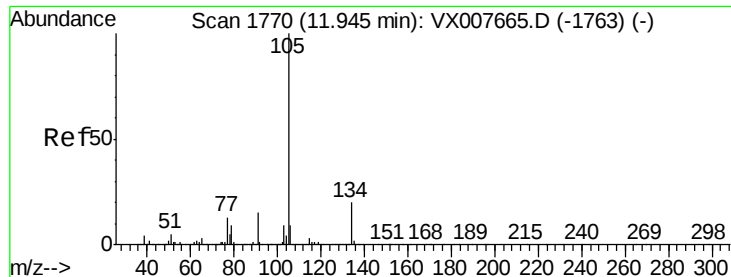
Delta R.T. -0.05 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

Tgt Ion:	105	Resp:	184
Ion	Ratio	Lower	Upper
105	100		
120	33.2	23.1	69.3





#85

sec-Butylbenzene

Concen: 0.013 ug/l

RT: 11.86 min Scan# 1756

Delta R.T. -0.09 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

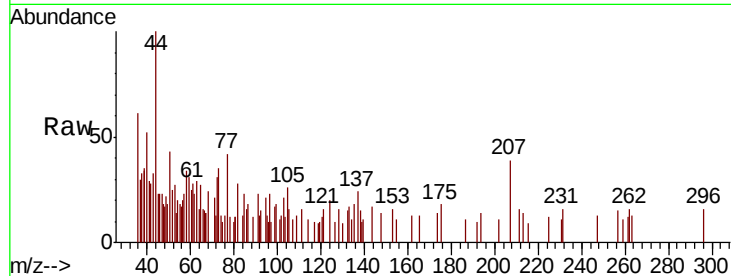
BP-VPB201-EB-20190221

Tgt Ion:105 Resp: 226

Ion Ratio Lower Upper

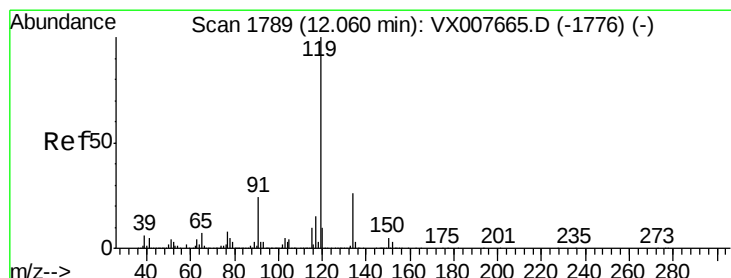
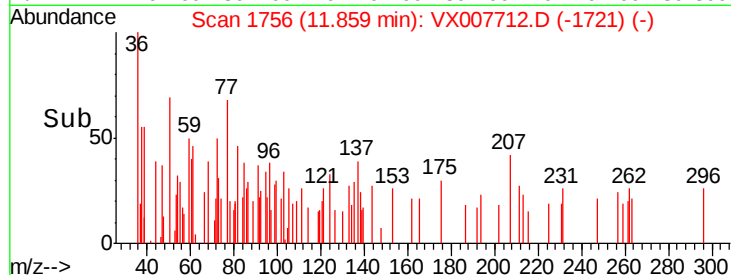
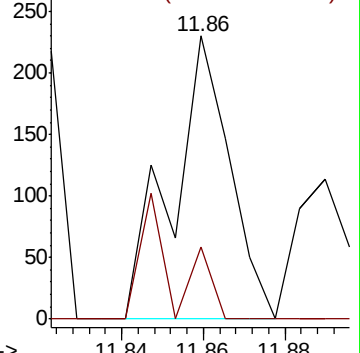
105 100

134 26.1 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.038 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

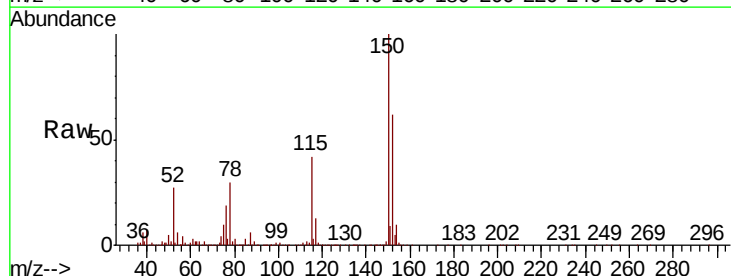
Tgt Ion:119 Resp: 598

Ion Ratio Lower Upper

119 100

134 74.4 13.7 41.1#

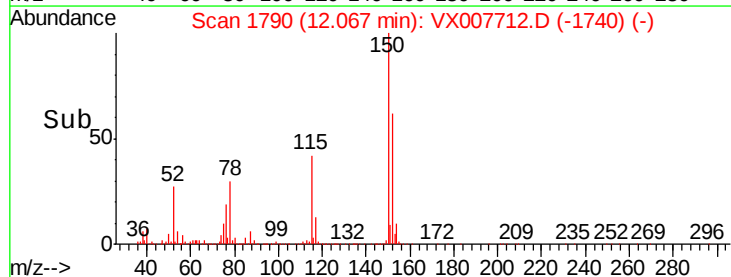
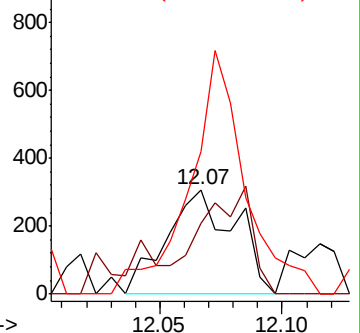
91 188.6 11.2 33.5#

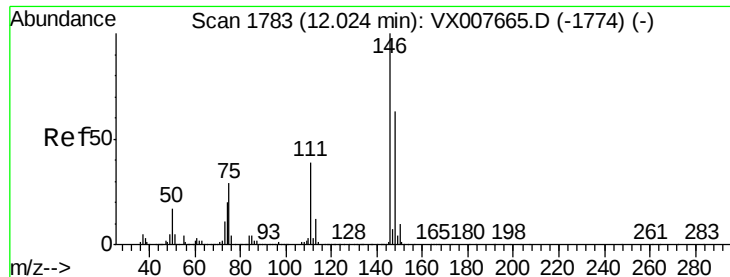


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

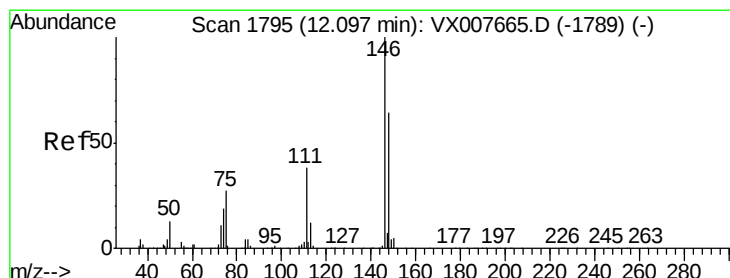
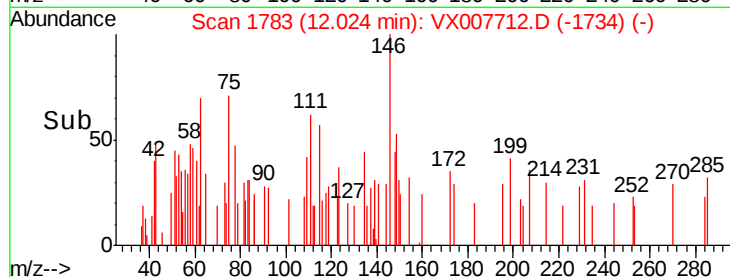
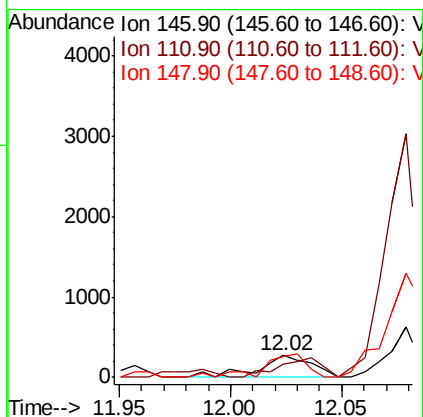
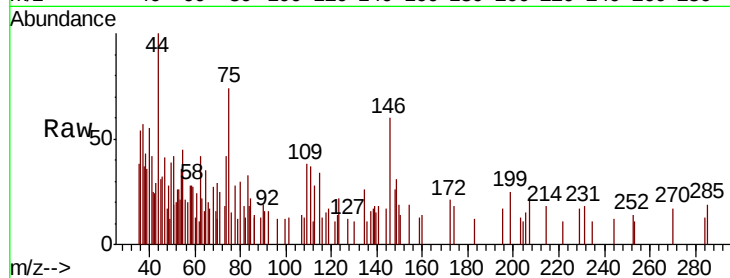




#87
 1,3-Dichlorobenzene
 Concen: 0.053 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007712.D
 Acq: 26 Feb 2019 14:39

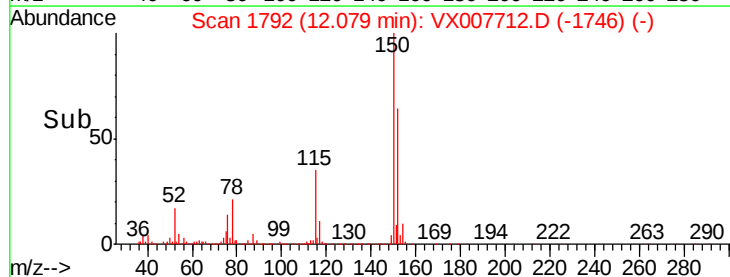
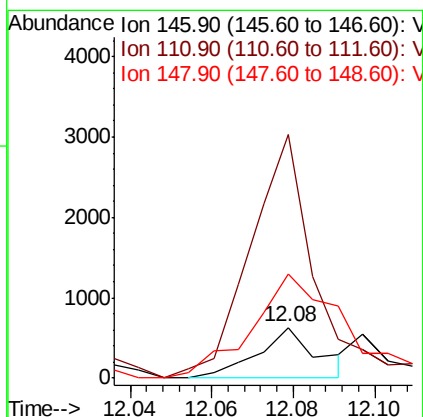
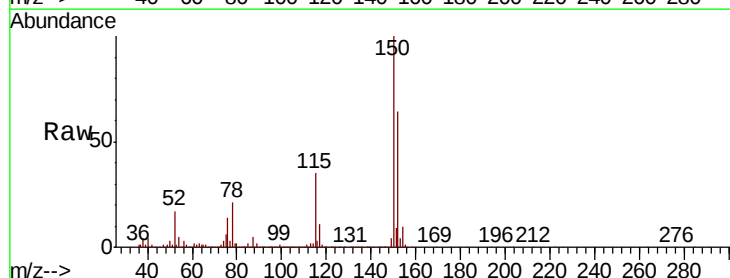
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-EB-20190221

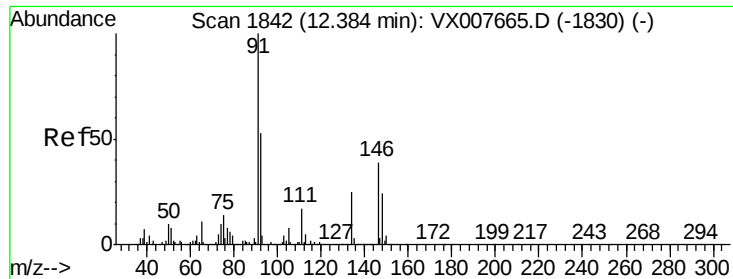
Tgt Ion:146 Resp: 448
 Ion Ratio Lower Upper
 146 100
 111 72.5 18.1 54.1#
 148 86.2 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 0.075 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: VX007712.D
 Acq: 26 Feb 2019 14:39

Tgt Ion:146 Resp: 649
 Ion Ratio Lower Upper
 146 100
 111 516.8 18.1 54.1#
 148 315.1 32.3 96.9#

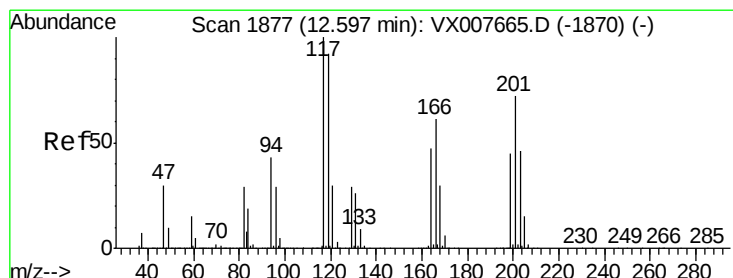
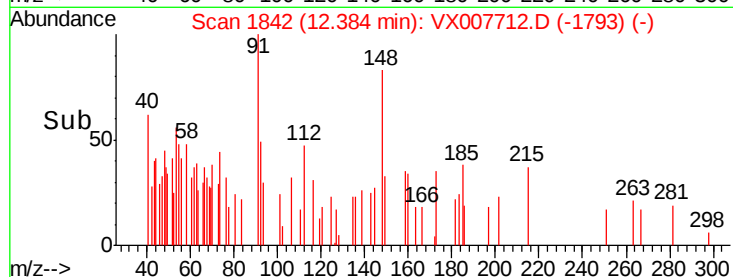
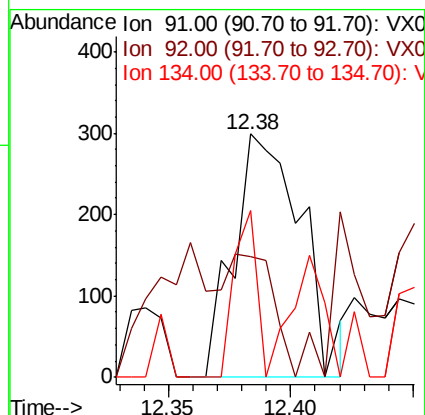
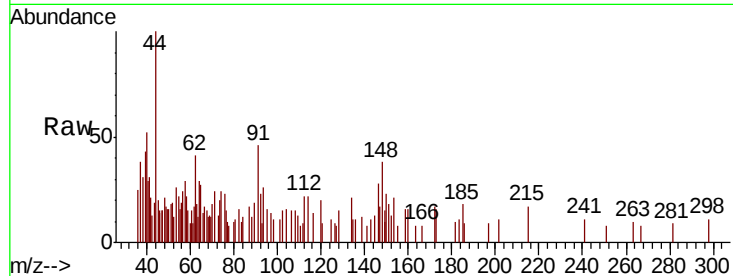




#89
n-Butylbenzene
Concen: 0.041 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX007712.D
Acq: 26 Feb 2019 14:39

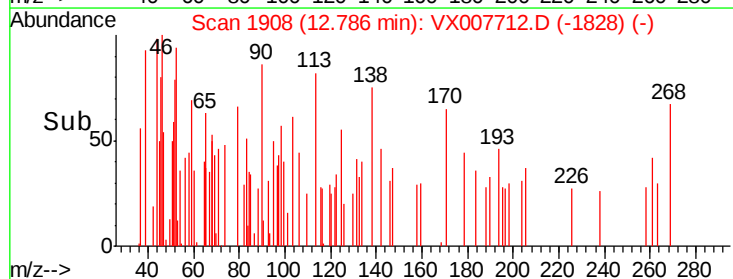
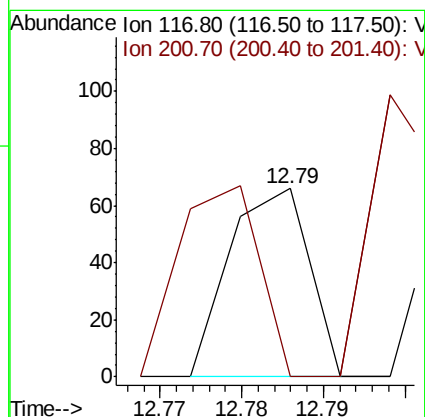
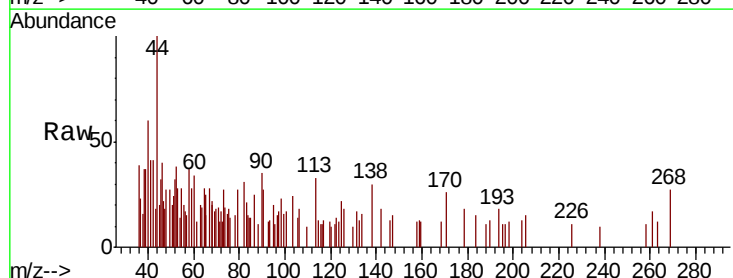
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-EB-20190221

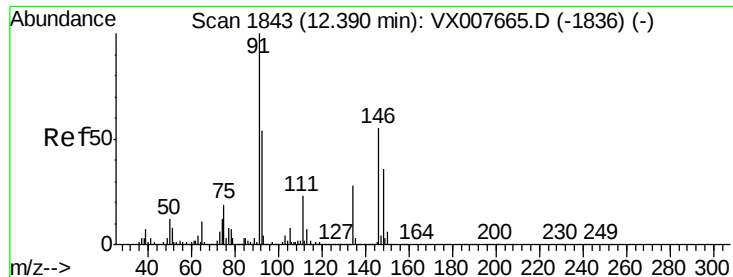
Tgt Ion: 91 Resp: 575
Ion Ratio Lower Upper
91 100
92 32.2 26.3 78.9
134 22.6 13.9 41.6



#90
Hexachloroethane
Concen: 0.017 ug/l
RT: 12.79 min Scan# 1908
Delta R.T. 0.19 min
Lab File: VX007712.D
Acq: 26 Feb 2019 14:39

Tgt Ion: 117 Resp: 45
Ion Ratio Lower Upper
117 100
201 102.2 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 0.050 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-EB-20190221

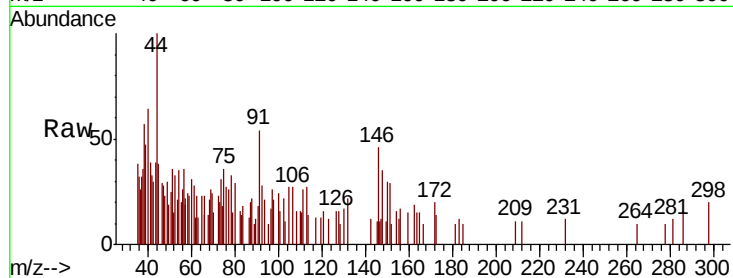
Tgt Ion:146 Resp: 424

Ion Ratio Lower Upper

146 100

111 28.8 19.1 57.3

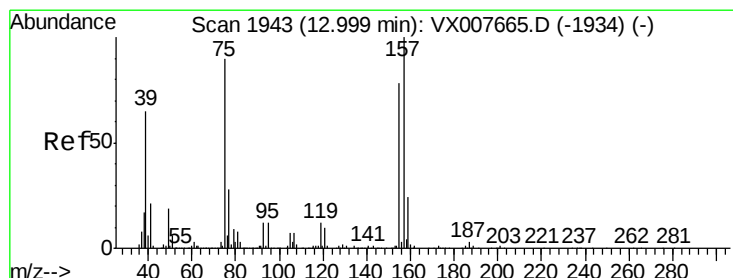
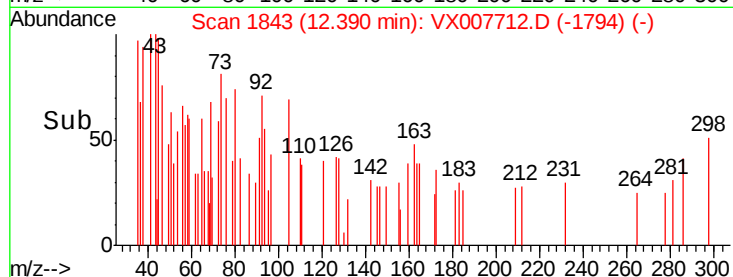
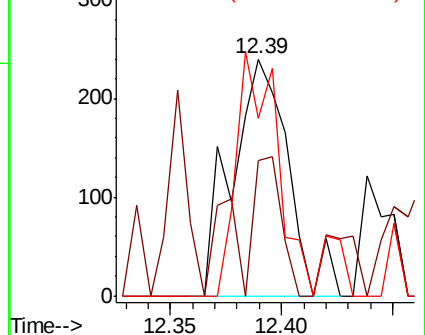
148 74.1 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.050 ug/l

RT: 13.04 min Scan# 1949

Delta R.T. 0.04 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

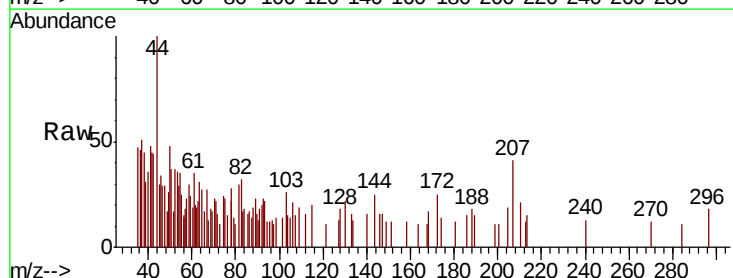
Tgt Ion: 75 Resp: 69

Ion Ratio Lower Upper

75 100

155 73.9 49.6 149.0

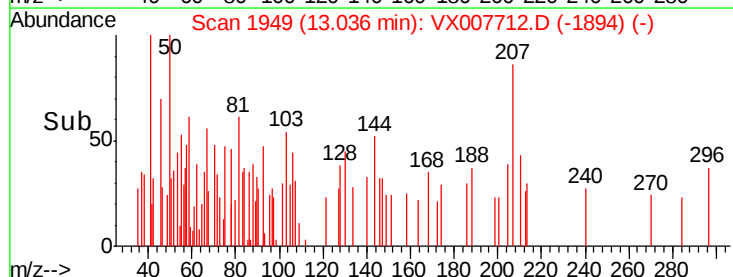
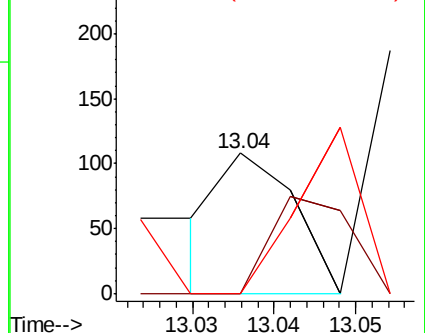
157 98.6 65.1 195.3

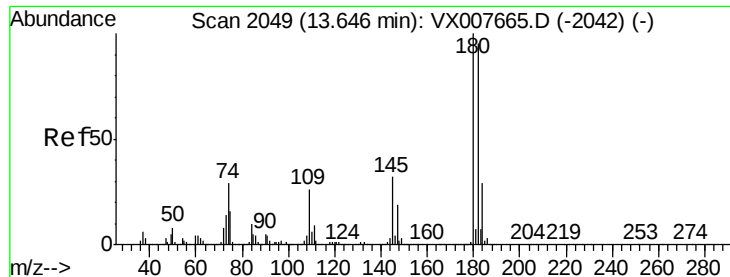


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

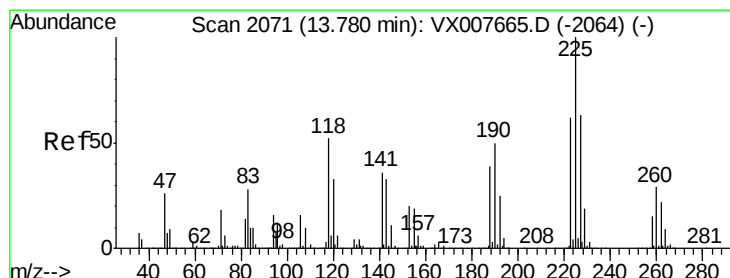
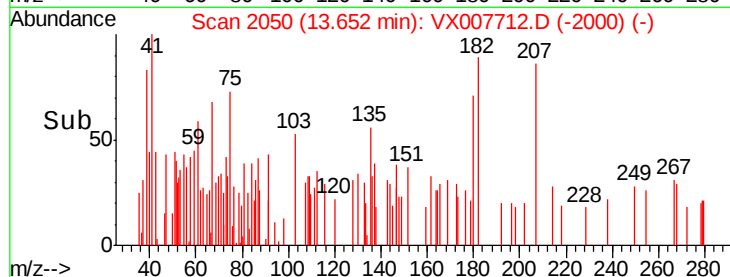
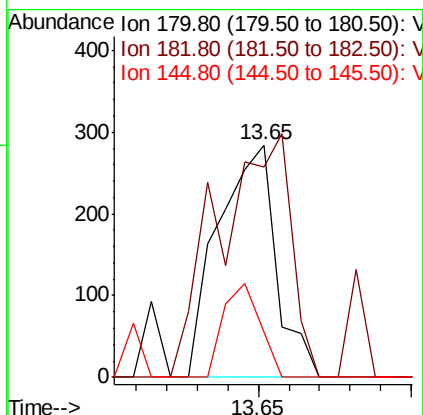
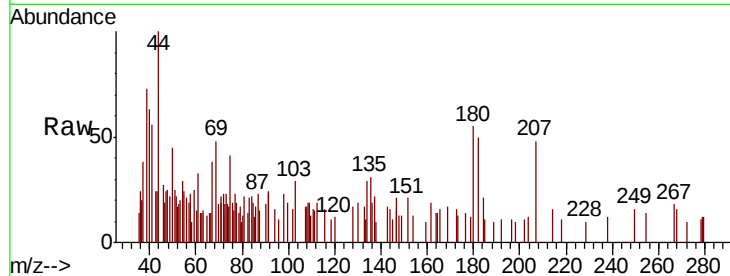




#93
1,2,4-Trichlorobenzene
Concen: 0.072 ug/l
RT: 13.65 min Scan# 2050
Delta R.T. 0.01 min
Lab File: VX007712.D
Acq: 26 Feb 2019 14:39

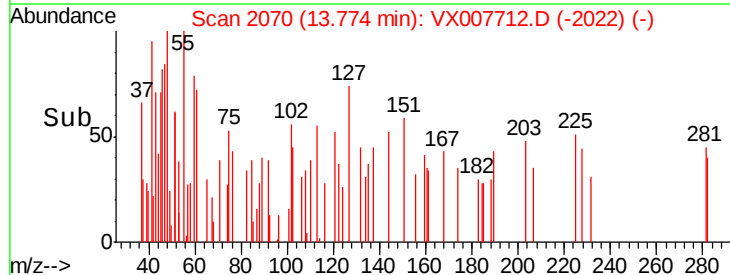
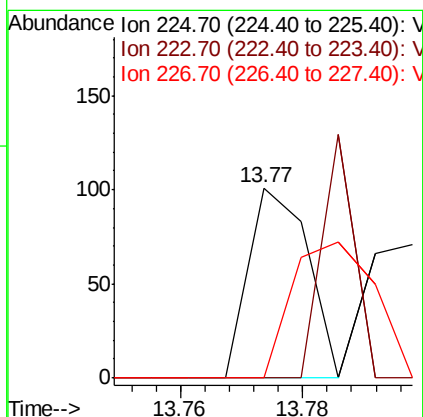
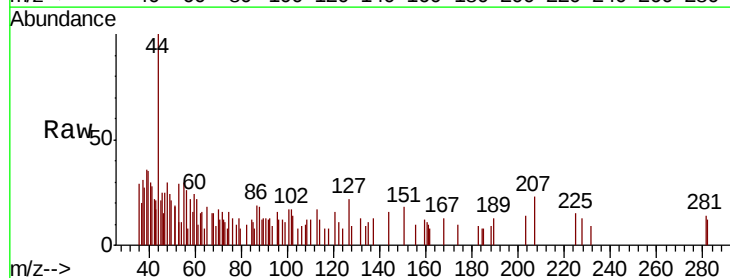
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-EB-20190221

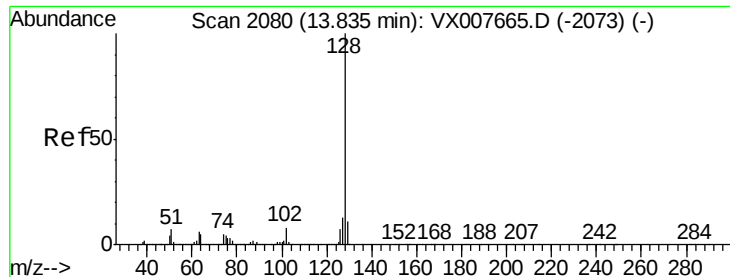
Tgt Ion:180 Resp: 373
Ion Ratio Lower Upper
180 100
182 131.6 47.8 143.3
145 25.5 14.1 42.2



#94
Hexachlorobutadiene
Concen: 0.028 ug/l
RT: 13.77 min Scan# 2070
Delta R.T. -0.01 min
Lab File: VX007712.D
Acq: 26 Feb 2019 14:39

Tgt Ion:225 Resp: 67
Ion Ratio Lower Upper
225 100
223 0.0 31.6 94.8#
227 0.0 32.1 96.3#





#95

Naphthalene

Concen: 0.076 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-EB-20190221

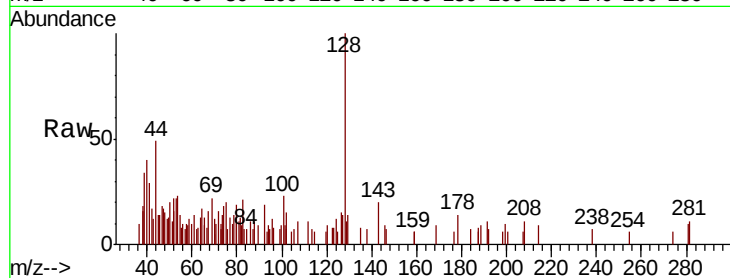
Tgt Ion:128 Resp: 1267

Ion Ratio Lower Upper

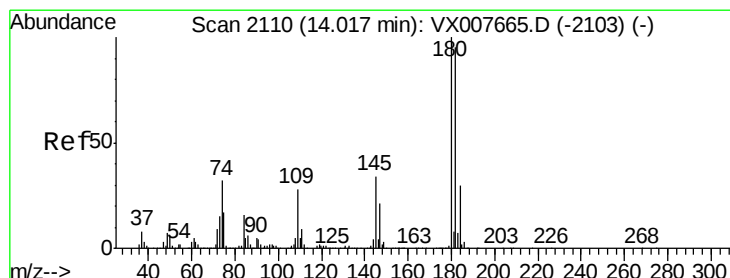
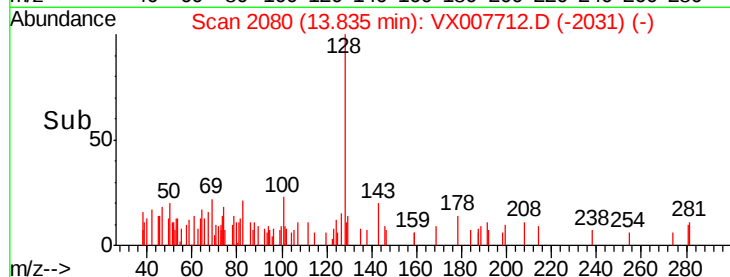
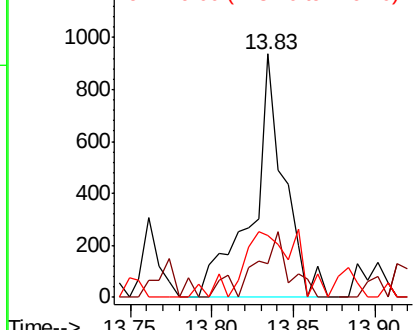
128 100

127 29.0 10.5 15.7#

129 46.1 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: 0.079 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.01 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

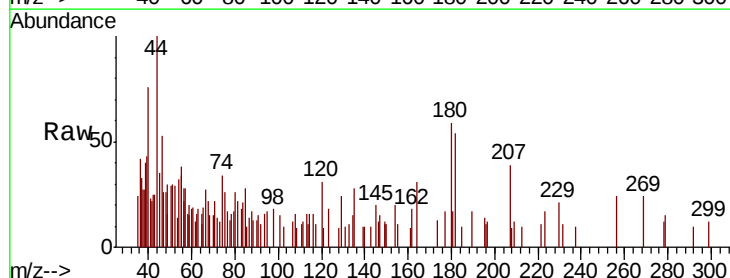
Tgt Ion:180 Resp: 411

Ion Ratio Lower Upper

180 100

182 103.4 47.5 142.6

145 44.0 14.9 44.5



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

