

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040119\
 Data File : VX008574.D
 Acq On : 01 Apr 2019 17:20
 Operator : JC/SP
 Sample : K2189-08MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201R-GW-818-820MSD

Quant Time: Apr 02 01:13:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	178571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	306508	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	275439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	130381	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	134780	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
35) Dibromofluoromethane	5.49	113	99749	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
50) Toluene-d8	8.71	98	395553	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
62) 4-Bromofluorobenzene	11.13	95	149090	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	75465	35.852	ug/l	99
3) Chloromethane	1.32	50	113632	42.684	ug/l	100
4) Vinyl Chloride	1.40	62	118793	40.420	ug/l	99
5) Bromomethane	1.64	94	45667	30.343	ug/l	100
6) Chloroethane	1.71	64	88046	50.571	ug/l	100
7) Trichlorofluoromethane	1.92	101	134407	40.380	ug/l	99
8) Diethyl Ether	2.18	74	69834	44.333	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	81498	40.514	ug/l	99
10) Methyl Iodide	2.51	142	55441	30.115	ug/l	99
11) Tert butyl alcohol	3.06	59	177363	295.705	ug/l	98
12) 1,1-Dichloroethene	2.37	96	91572	44.079	ug/l	98
13) Acrolein	2.29	56	94477	216.905	ug/l	99
14) Allyl chloride	2.72	41	218888	47.825	ug/l	98
15) Acrylonitrile	3.14	53	393804	250.388	ug/l	100
16) Acetone	2.45	43	335740	237.285	ug/l	100
17) Carbon Disulfide	2.57	76	260598	43.672	ug/l	99
18) Methyl Acetate	2.77	43	169072	49.753	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	367336	49.067	ug/l	98
20) Methylene Chloride	2.85	84	115323	49.939	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	99076	47.849	ug/l	96
22) Diisopropyl ether	3.85	45	436665	48.453	ug/l	98
23) Vinyl Acetate	3.81	43	1901014	241.781	ug/l	100
24) 1,1-Dichloroethane	3.70	63	214554	47.157	ug/l	99
25) 2-Butanone	4.67	43	580694	255.996	ug/l	99
26) 2,2-Dichloropropane	4.58	77	143904	47.553	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	119871	47.186	ug/l	98
28) Bromochloromethane	5.02	49	104840	46.641	ug/l	100
29) Tetrahydrofuran	5.13	42	378234	252.996	ug/l	99
30) Chloroform	5.21	83	194265	47.312	ug/l	99
31) Cyclohexane	5.57	56	182063	41.957	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	156169	47.583	ug/l	100
36) 1,1-Dichloropropene	5.80	75	145215	44.435	ug/l	100
37) Ethyl Acetate	4.84	43	209540	49.493	ug/l	100
38) Carbon Tetrachloride	5.78	117	127288	46.672	ug/l	99

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 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	156091	39.966	ug/l	99
40) Benzene	6.14	78	455253	46.532	ug/l	98
41) Methacrylonitrile	5.04	41	122298	51.402	ug/l	99
42) 1,2-Dichloroethane	6.19	62	165592	46.227	ug/l	100
43) Isopropyl Acetate	6.45	43	339170	50.085	ug/l	100
44) Trichloroethene	7.21	130	104443	45.465	ug/l	99
45) 1,2-Dichloropropane	7.51	63	132214	47.543	ug/l	99
46) Dibromomethane	7.66	93	76385	47.038	ug/l	99
47) Bromodichloromethane	7.90	83	152781	49.153	ug/l	100
48) Methyl methacrylate	7.77	41	173466	51.195	ug/l	98
49) 1,4-Dioxane	7.74	88	67361	999.836	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1163427	264.514	ug/l	99
52) Toluene	8.78	92	273771	46.799	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	173600	50.991	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	192908	49.829	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	115631	48.557	ug/l	99
56) Ethyl methacrylate	9.18	69	218540	50.841	ug/l	99
57) 1,3-Dichloropropane	9.37	76	204503	47.898	ug/l	100
59) 2-Hexanone	9.49	43	887343	260.363	ug/l	100
60) Dibromochloromethane	9.58	129	113690	50.201	ug/l	98
61) 1,2-Dibromoethane	9.67	107	118744	48.862	ug/l	100
64) Tetrachloroethene	9.34	164	84954	45.559	ug/l	98
65) Chlorobenzene	10.14	112	283215	47.282	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	102242	49.474	ug/l	98
67) Ethyl Benzene	10.25	91	531075	46.978	ug/l	99
68) m/p-Xylenes	10.36	106	381800	92.836	ug/l	99
69) o-Xylene	10.69	106	188509	47.233	ug/l	99
70) Styrene	10.71	104	331103	48.028	ug/l	100
71) Bromoform	10.85	173	84061	51.506	ug/l #	99
73) Isopropylbenzene	11.02	105	498314	46.979	ug/l	100
74) N-amyl acetate	10.90	43	302567	49.282	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	196134	47.657	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	223638	57.696	ug/l	82
77) Bromobenzene	11.26	156	122483	47.578	ug/l	98
78) n-propylbenzene	11.36	91	576594	46.404	ug/l	99
79) 2-Chlorotoluene	11.42	91	350765	46.412	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	418614	46.681	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	63916	52.814	ug/l	99
82) 4-Chlorotoluene	11.51	91	401952	46.107	ug/l	99
83) tert-Butylbenzene	11.77	119	406309	46.962	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	422853	46.620	ug/l	99
85) sec-Butylbenzene	11.94	105	478908	46.482	ug/l	99
86) p-Isopropyltoluene	12.06	119	430700	47.375	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	213122	46.335	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	212561	45.790	ug/l	100
89) n-Butylbenzene	12.38	91	399899	46.434	ug/l	100
90) Hexachloroethane	12.60	117	73237	48.354	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	215368	46.757	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43838	48.852	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	145760	47.002	ug/l	99

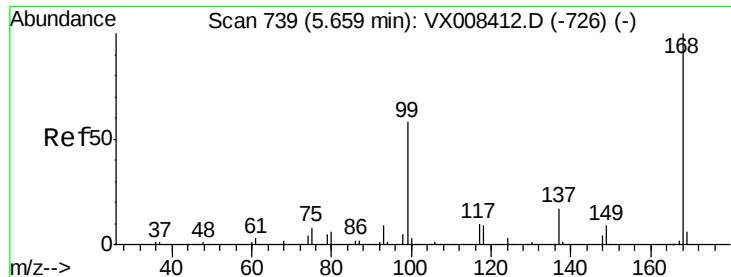
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 26 07:57:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	68373	46.433	ug/l	100
95) Naphthalene	13.83	128	510107	47.978	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	147797	47.429	ug/l	100

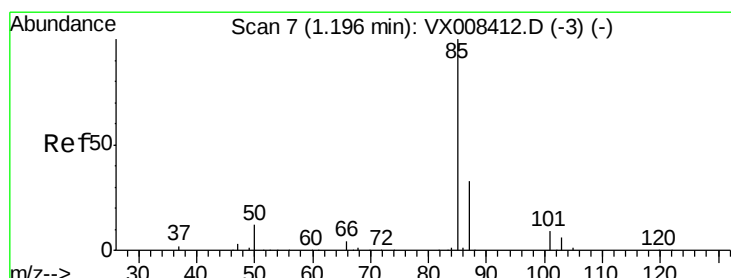
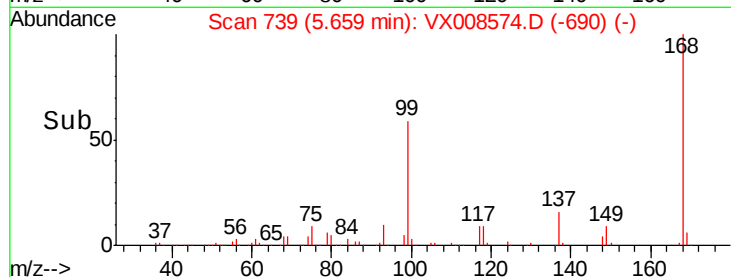
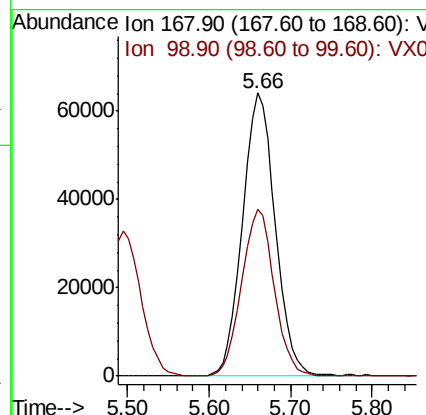
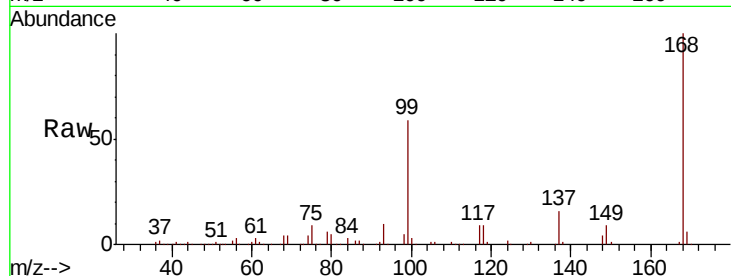
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.00 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

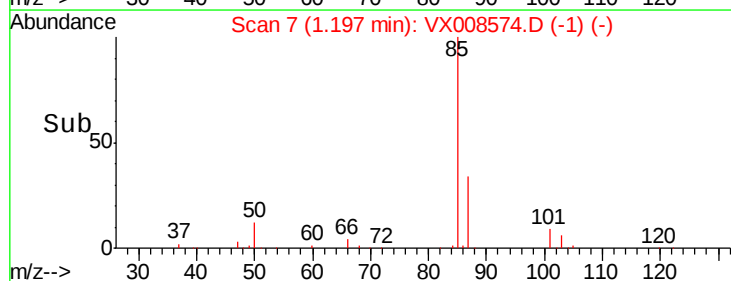
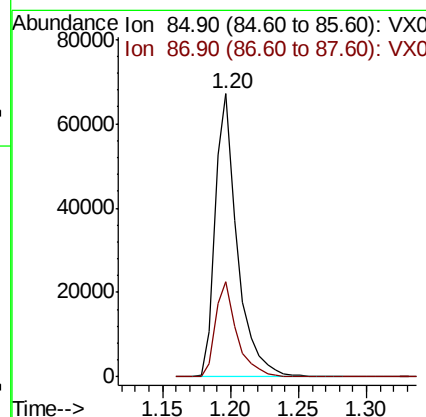
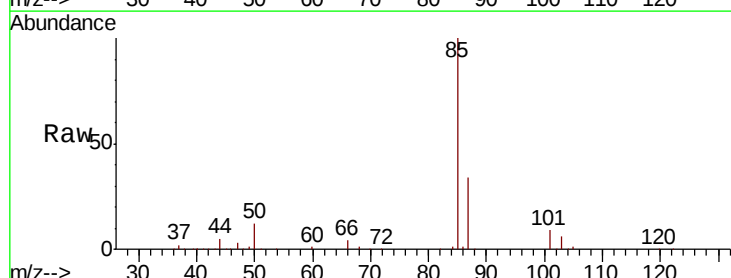
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201R-GW-818-820MSD

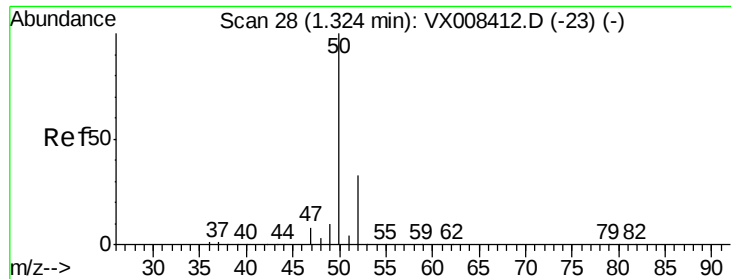
Tot Ion:168 Resp: 178571
Ion Ratio Lower Upper
168 100
99 58.6 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 35.852 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

Tgt Ion: 85 Resp: 75465
Ion Ratio Lower Upper
85 100
87 33.5 16.4 49.1





#3

Chloromethane

Concen: 42.684 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

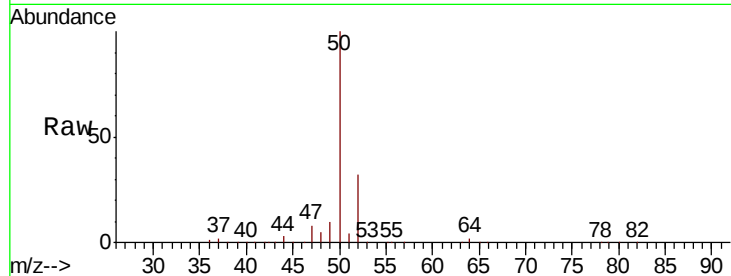
BP-VPB201R-GW-818-820MSD

Tot Ion: 50 Resp: 113632

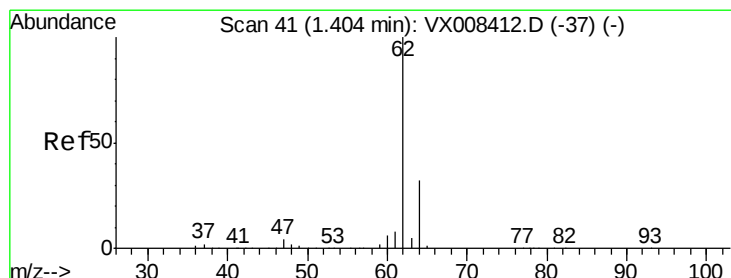
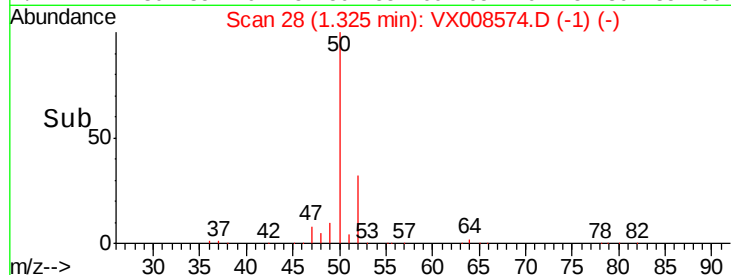
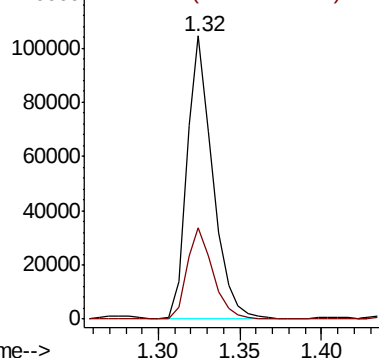
Ion Ratio Lower Upper

50 100

52 32.5 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0
Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 40.420 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX008574.D

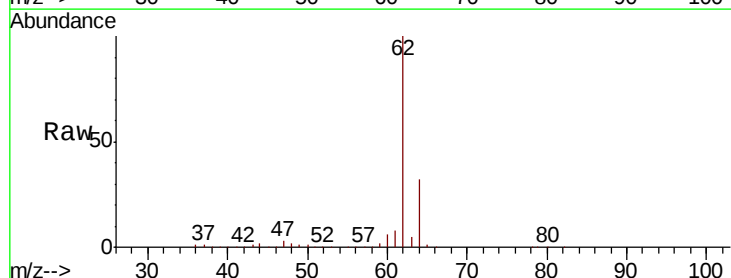
Acq: 01 Apr 2019 17:20

Tgt Ion: 62 Resp: 118793

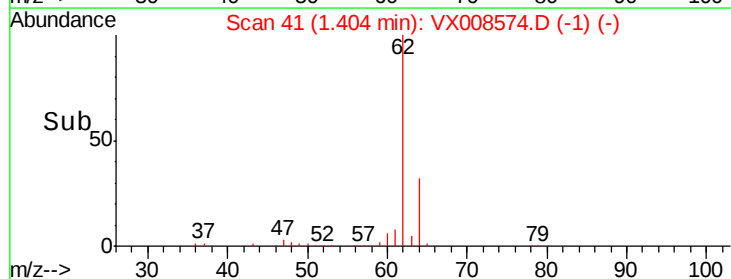
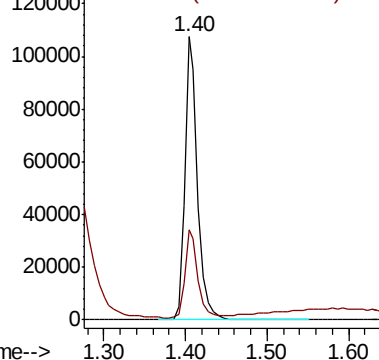
Ion Ratio Lower Upper

62 100

64 31.1 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 30.343 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

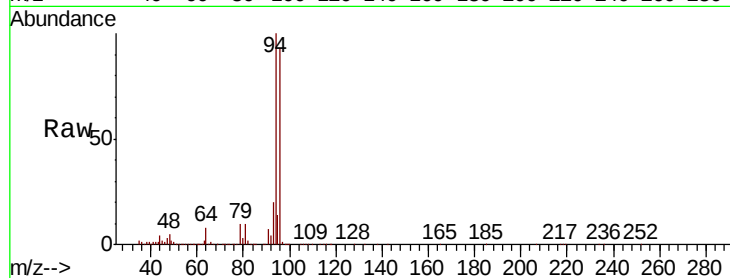
BP-VPB201R-GW-818-820MSD

Tot Ion: 94 Resp: 45667

Ion Ratio Lower Upper

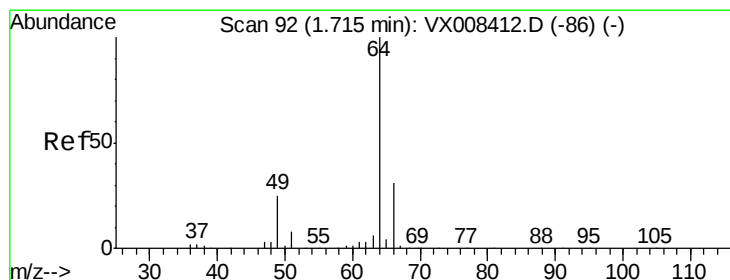
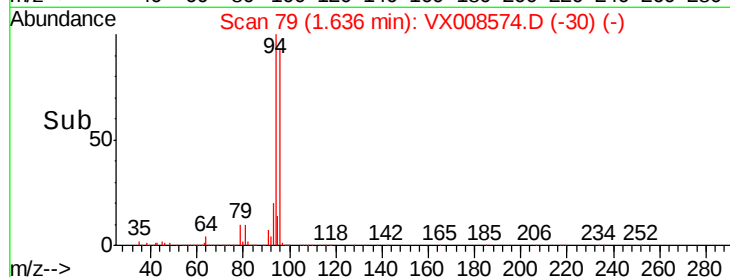
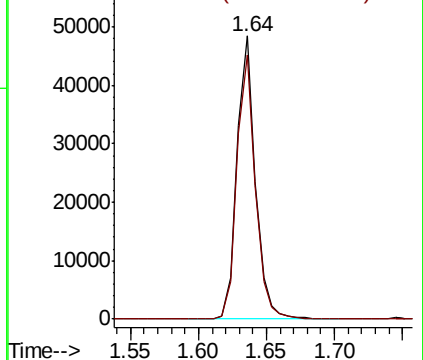
94 100

96 93.2 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.571 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008574.D

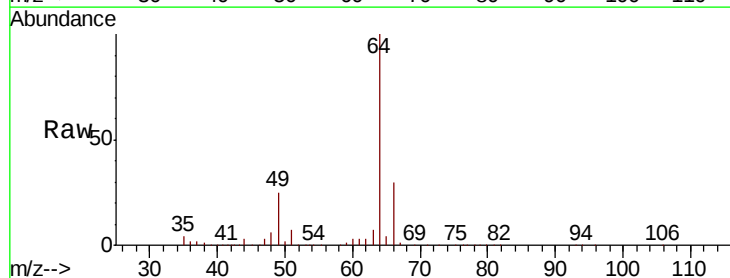
Acq: 01 Apr 2019 17:20

Tgt Ion: 64 Resp: 88046

Ion Ratio Lower Upper

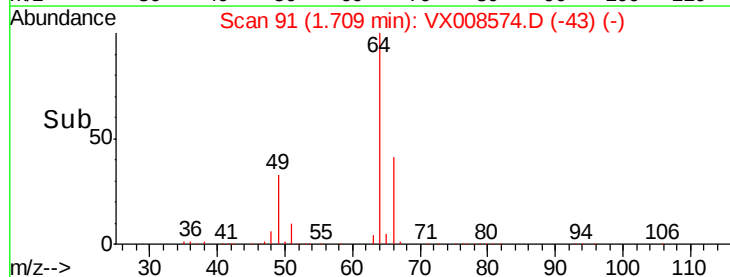
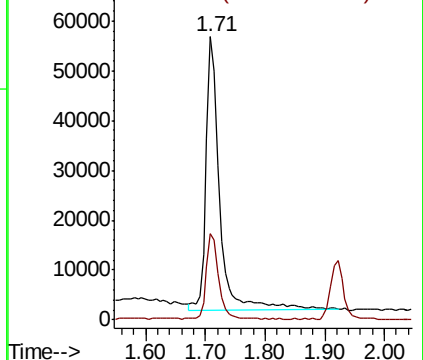
64 100

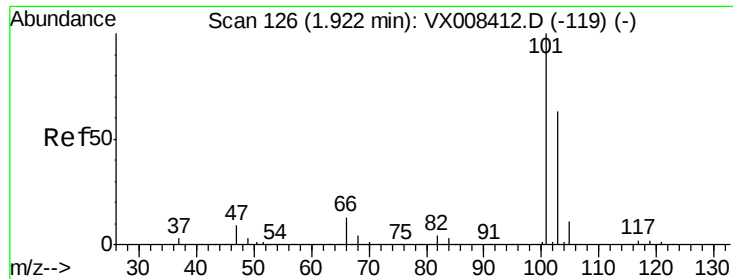
66 31.1 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



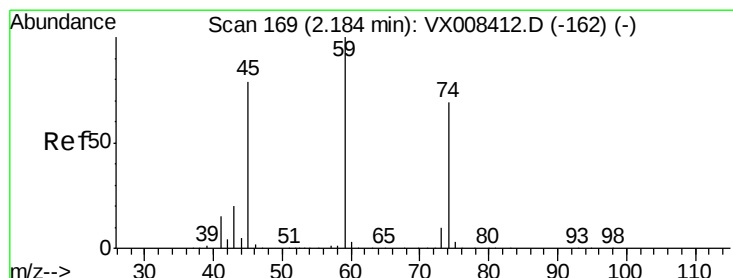
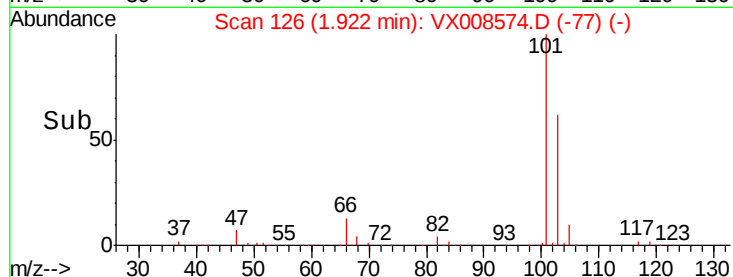
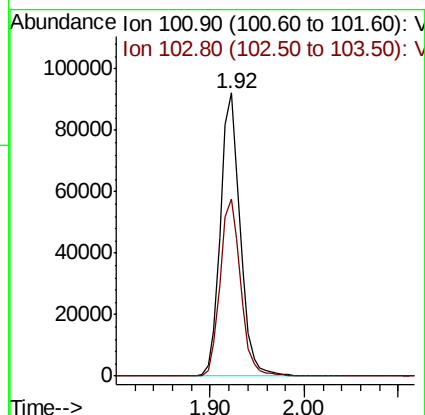
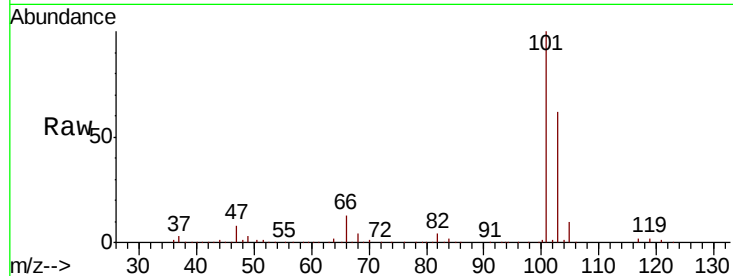


#7

Trichlorofluoromethane
 Concen: 40.380 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX008574.D
 Acq: 01 Apr 2019 17:20

Instrument :
 MSVOA_X
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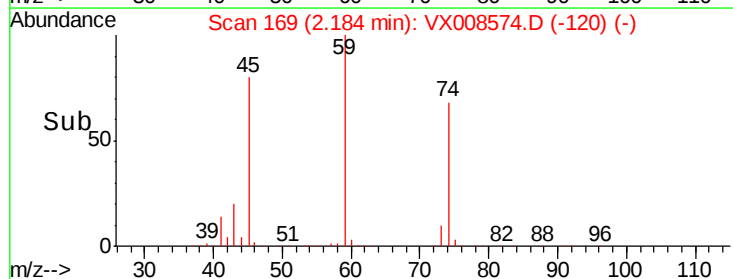
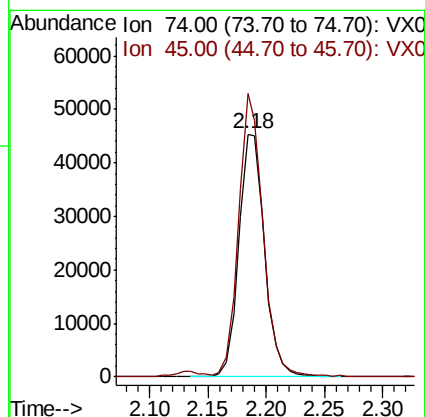
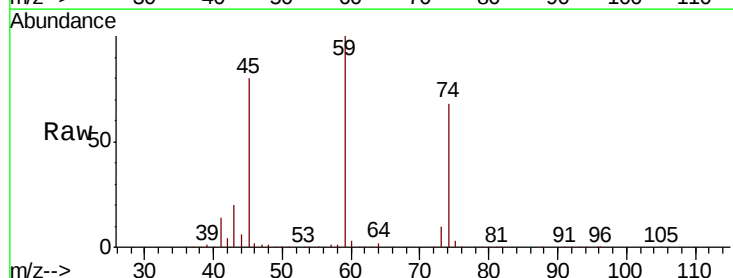
Tot Ion:101 Resp: 134407
 Ion Ratio Lower Upper
 101 100
 103 62.4 50.2 75.4

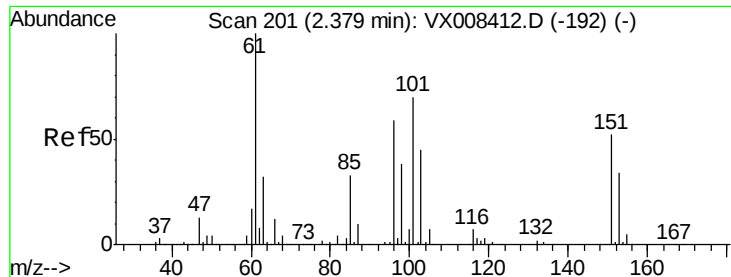


#8

Diethyl Ether
 Concen: 44.333 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX008574.D
 Acq: 01 Apr 2019 17:20

Tgt Ion: 74 Resp: 69834
 Ion Ratio Lower Upper
 74 100
 45 109.8 56.4 169.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 40.514 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201R-GW-818-820MSD

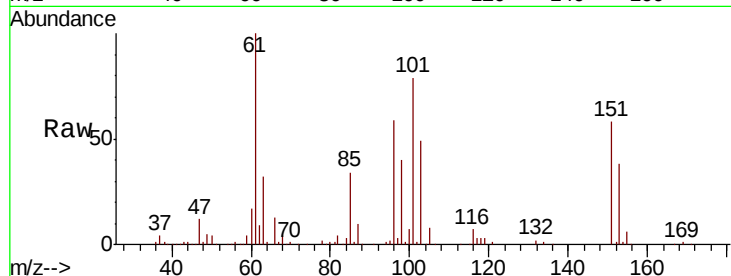
Tot Ion:101 Resp: 81498

Ion Ratio Lower Upper

101 100

85 43.8 36.0 54.0

151 74.1 59.2 88.8

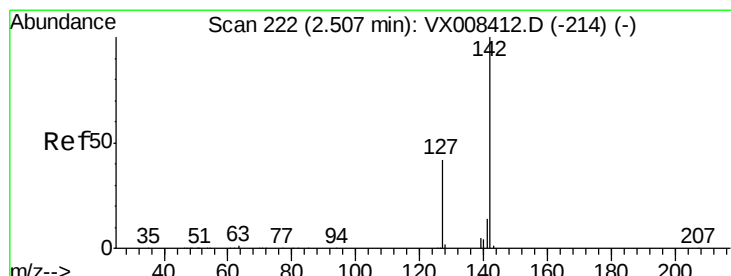
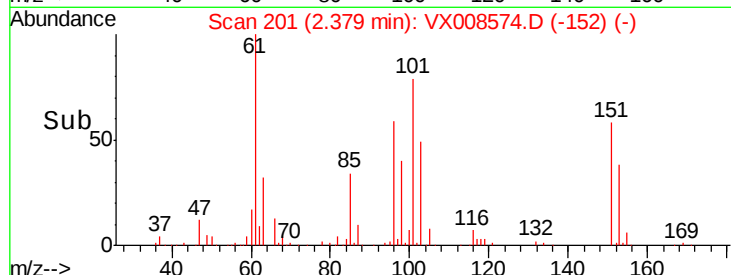
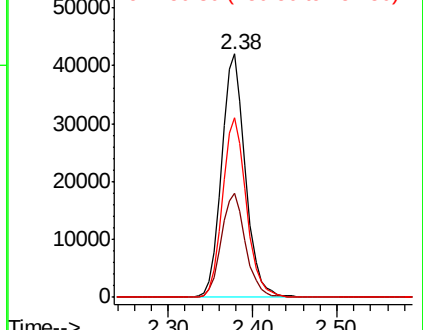


Abundance

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: 30.115 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

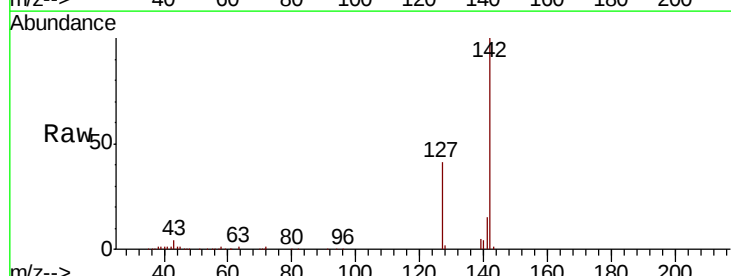
Tgt Ion:142 Resp: 55441

Ion Ratio Lower Upper

142 100

127 41.5 33.6 50.4

141 13.9 11.3 16.9

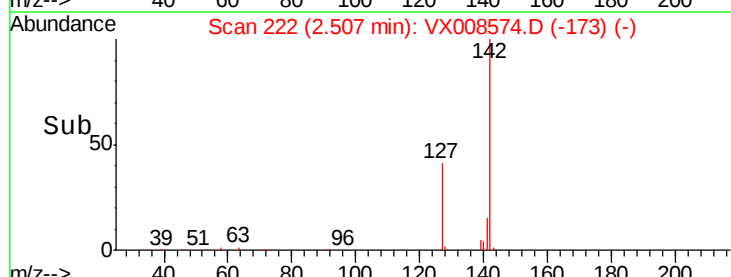
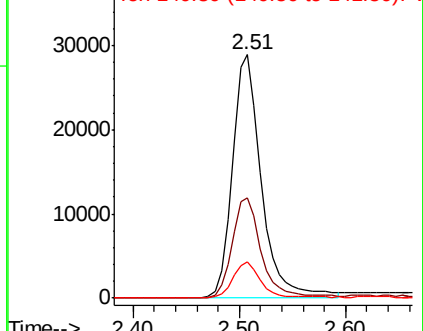


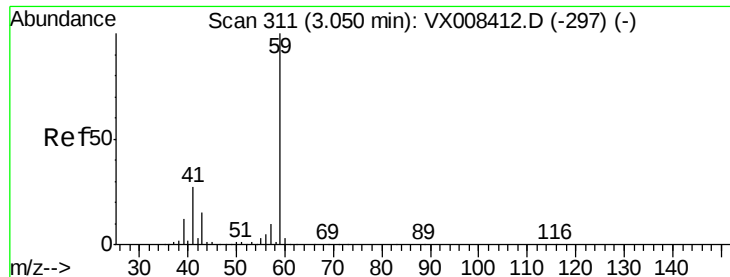
Abundance

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

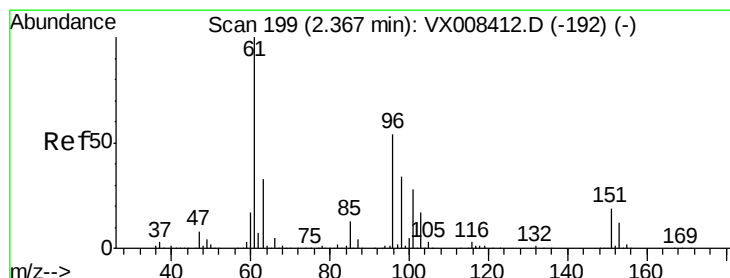
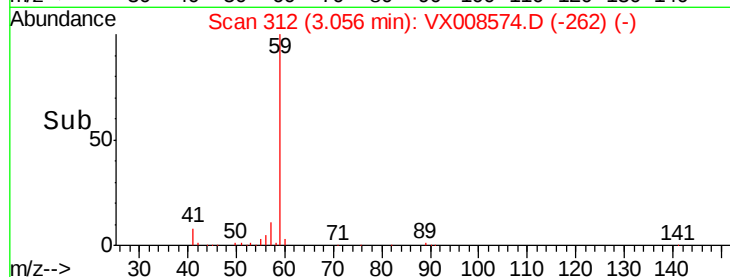
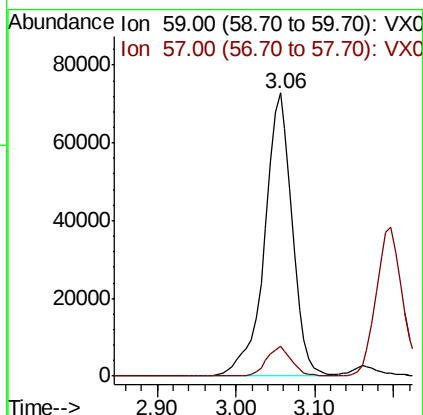
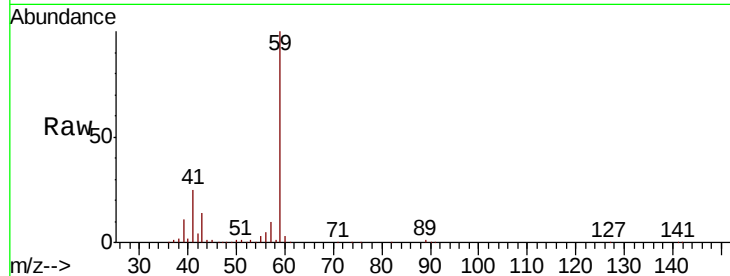




#11
Tert butyl alcohol
Concen: 295.705 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

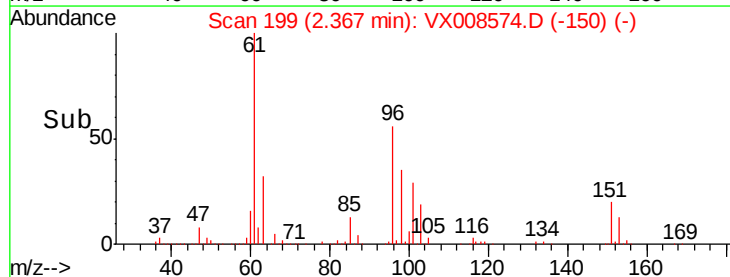
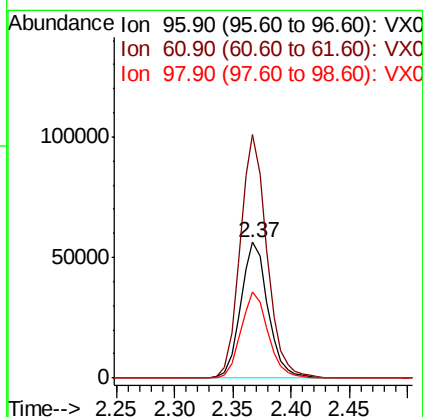
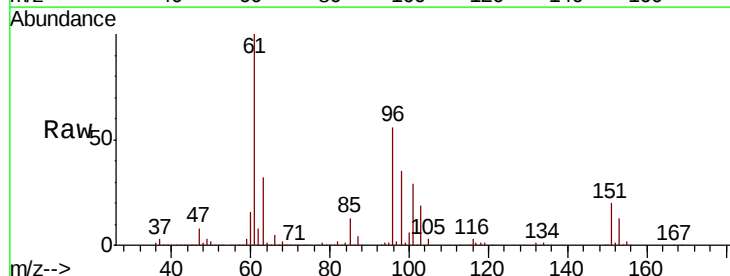
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201R-GW-818-820MSD

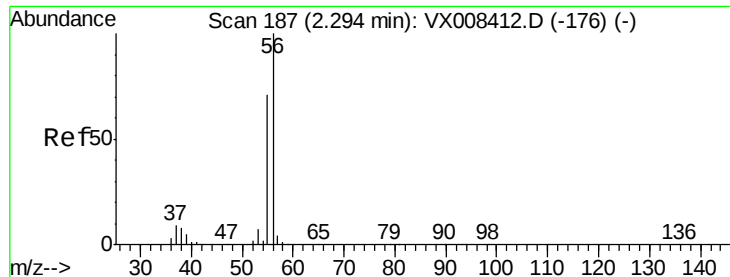
Tot Ion: 59 Resp: 177363
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.4



#12
1,1-Dichloroethene
Concen: 44.079 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

Tgt Ion: 96 Resp: 91572
Ion Ratio Lower Upper
96 100
61 179.3 146.9 220.3
98 63.3 50.1 75.1





#13

Acrolein

Concen: 216.905 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

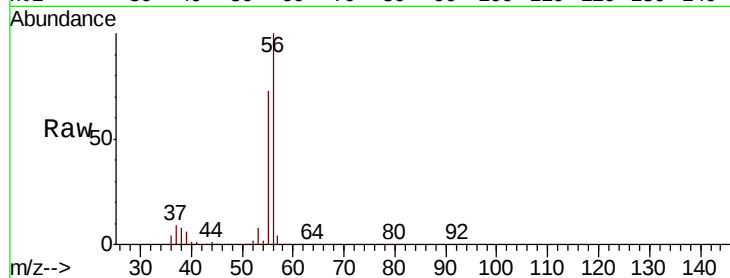
BP-VPB201R-GW-818-820MSD

Tot Ion: 56 Resp: 94477

Ion Ratio Lower Upper

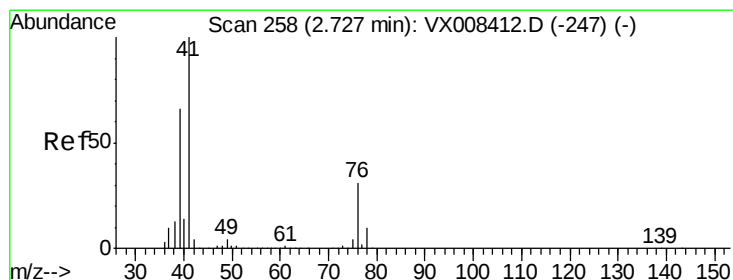
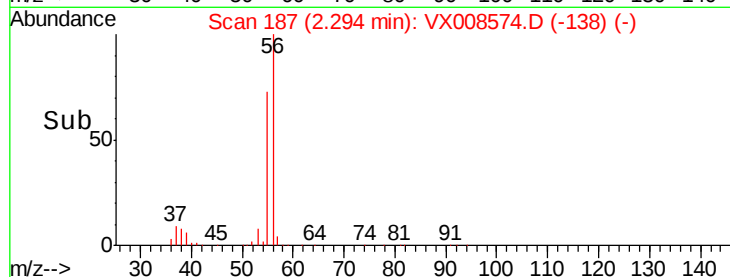
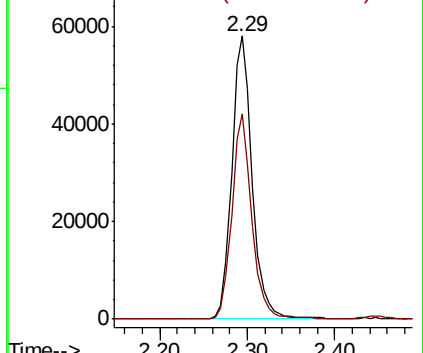
56 100

55 71.1 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 47.825 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

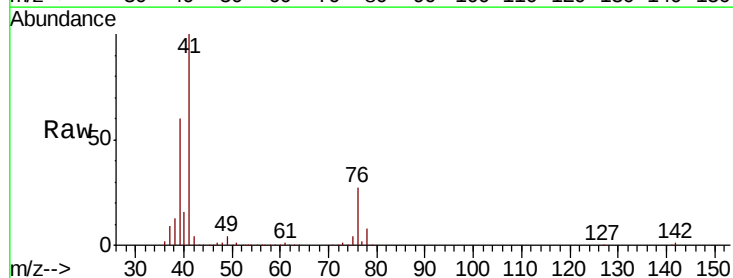
Tgt Ion: 41 Resp: 218888

Ion Ratio Lower Upper

41 100

39 60.0 49.6 74.4

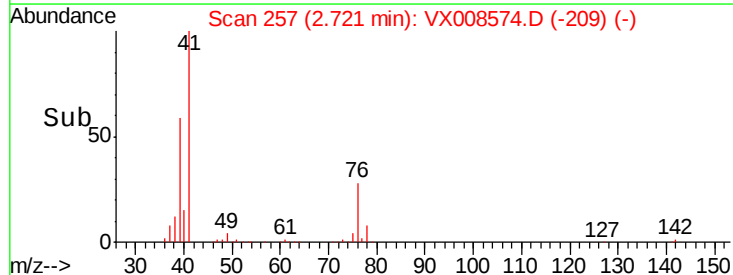
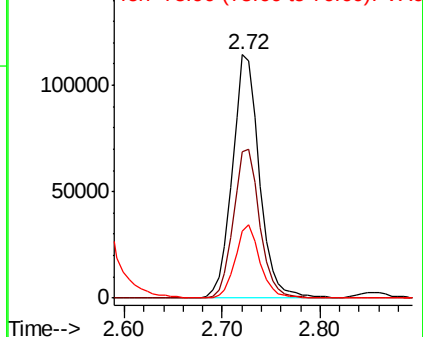
76 27.3 22.6 34.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 250.388 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201R-GW-818-820MSD

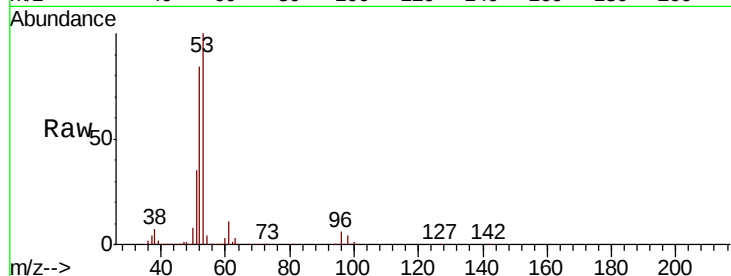
Tot Ion: 53 Resp: 393804

Ion Ratio Lower Upper

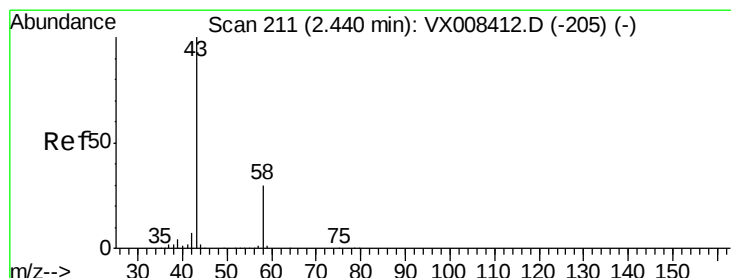
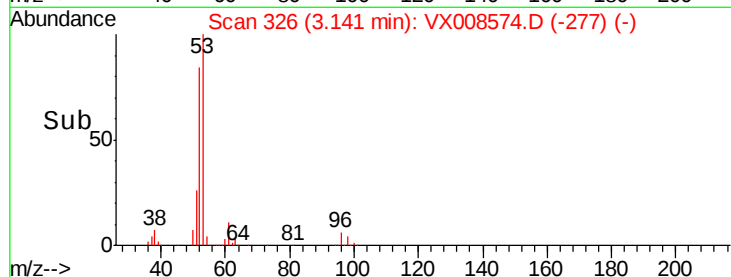
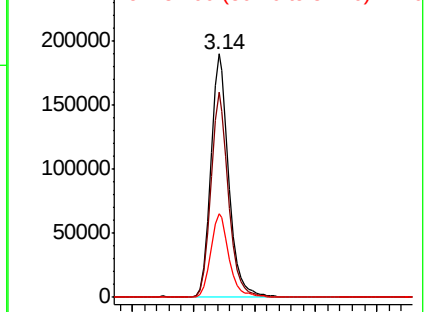
53 100

52 82.9 66.5 99.7

51 35.1 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 237.285 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.01 min

Lab File: VX008574.D

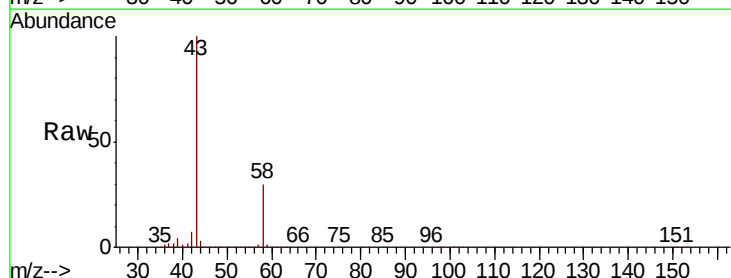
Acq: 01 Apr 2019 17:20

Tgt Ion: 43 Resp: 335740

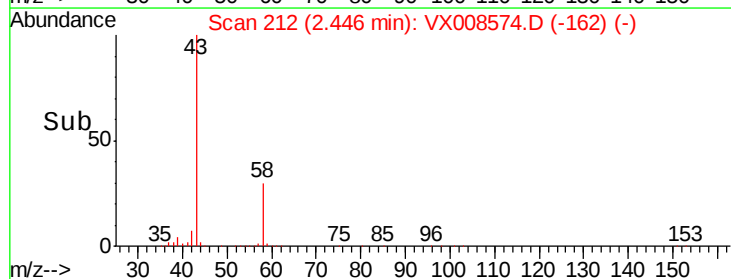
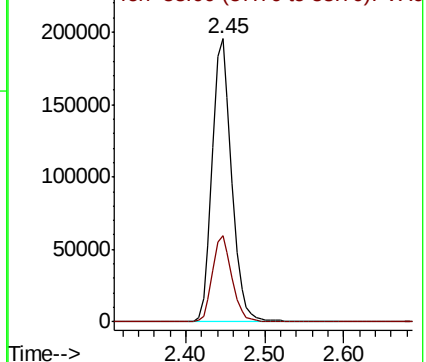
Ion Ratio Lower Upper

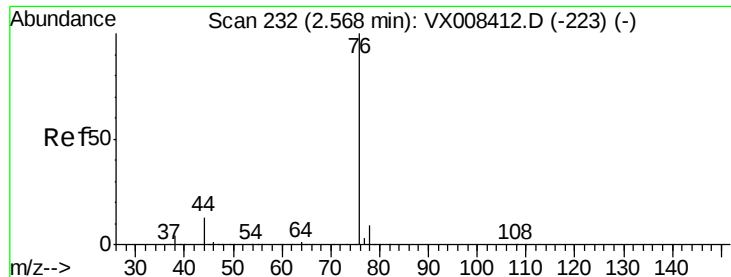
43 100

58 30.4 24.2 36.2



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

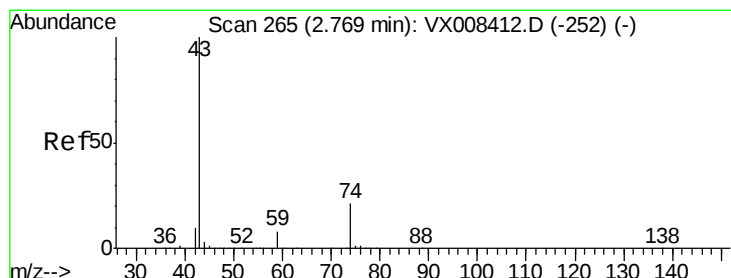
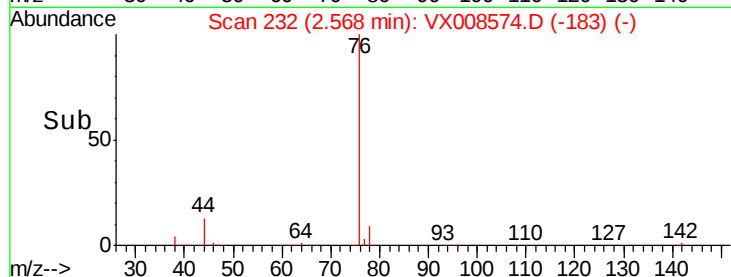
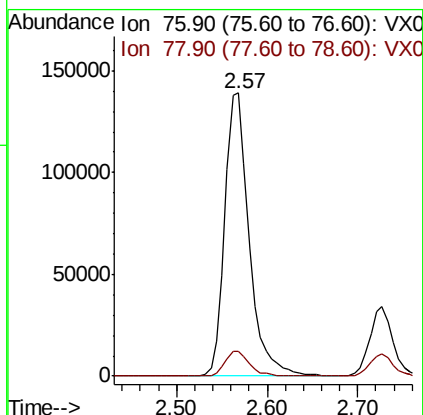
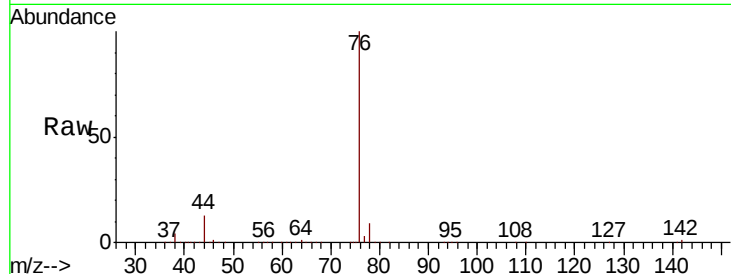




#17
Carbon Disulfide
Concen: 43.672 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

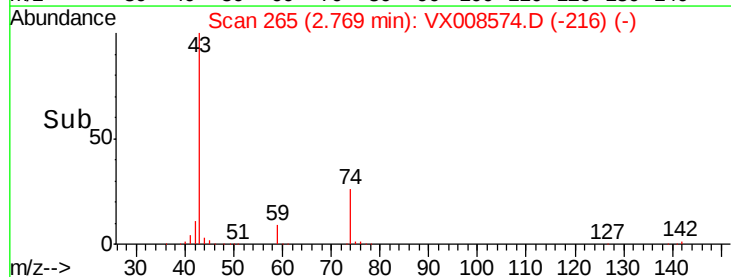
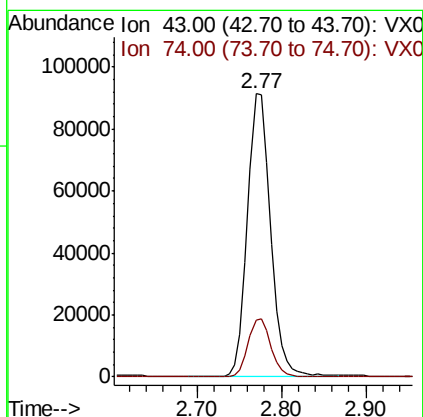
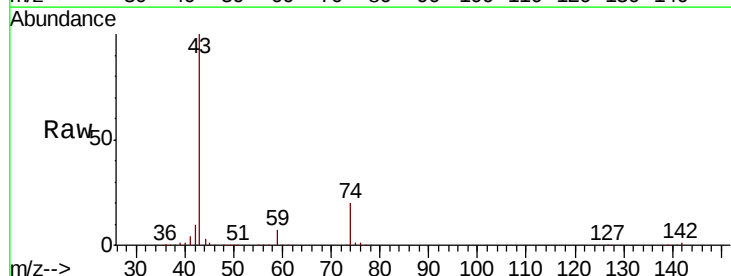
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201R-GW-818-820MSD

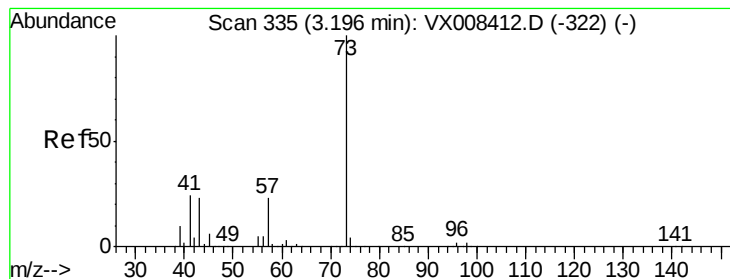
Tot Ion: 76 Resp: 260598
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2



#18
Methyl Acetate
Concen: 49.753 ug/l
RT: 2.77 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

Tgt Ion: 43 Resp: 169072
Ion Ratio Lower Upper
43 100
74 20.8 16.7 25.1



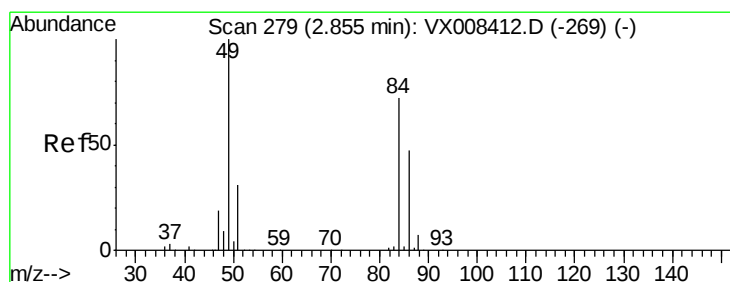
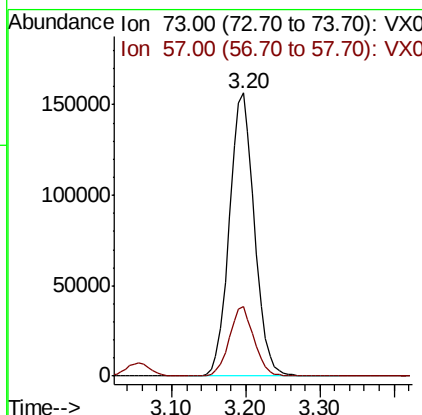
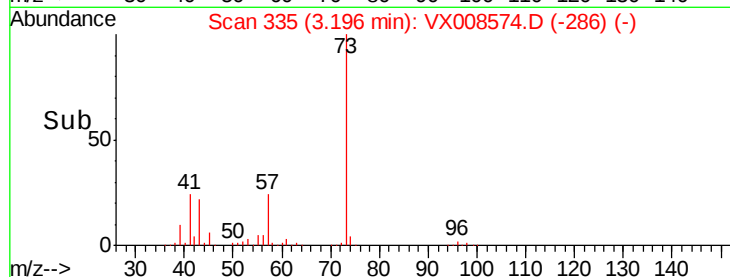
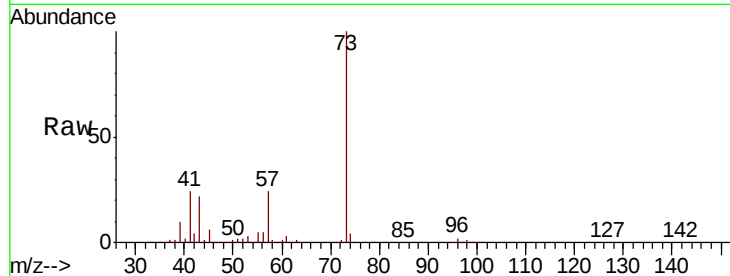


#19

Methyl tert-butyl Ether
 Concen: 49.067 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX008574.D
 Acq: 01 Apr 2019 17:20

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201R-GW-818-820MSD

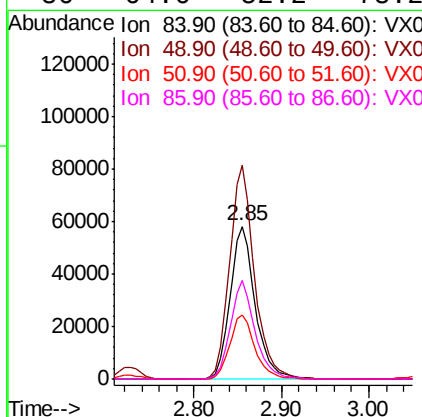
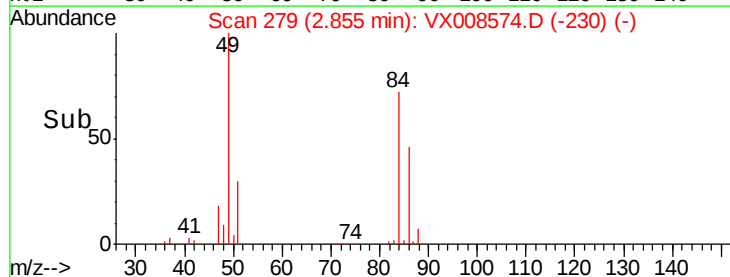
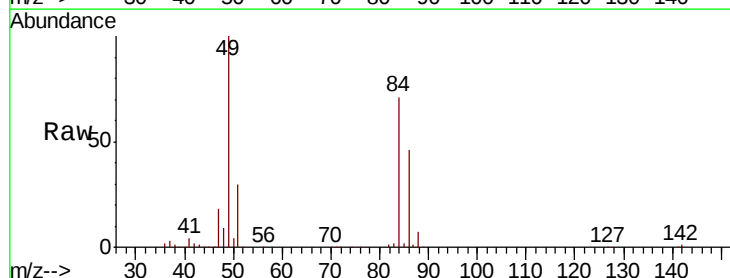
Tot Ion: 73 Resp: 367336
 Ion Ratio Lower Upper
 73 100
 57 24.4 18.6 28.0

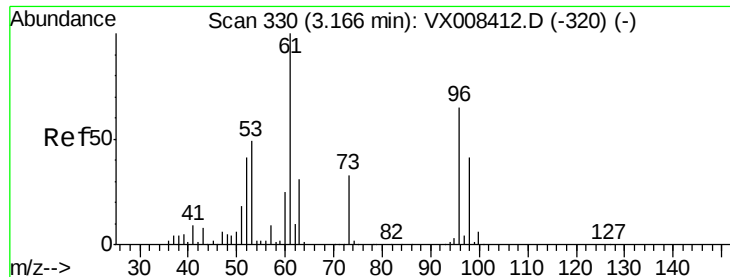


#20

Methylene Chloride
 Concen: 49.939 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX008574.D
 Acq: 01 Apr 2019 17:20

Tgt Ion: 84 Resp: 115323
 Ion Ratio Lower Upper
 84 100
 49 139.9 110.6 165.8
 51 41.6 33.9 50.9
 86 64.6 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 47.849 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201R-GW-818-820MSD

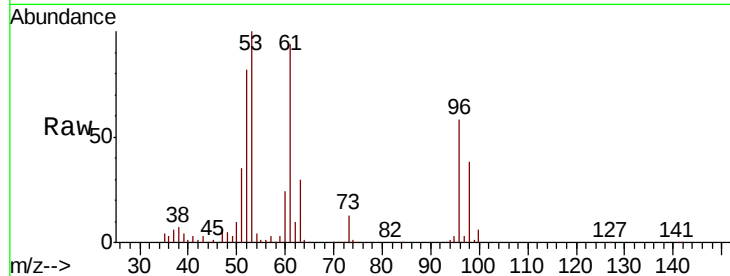
Tot Ion: 96 Resp: 99076

Ion Ratio Lower Upper

96 100

61 160.5 122.6 184.0

98 65.0 50.9 76.3

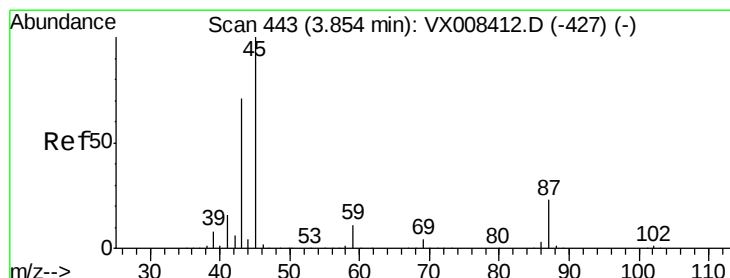
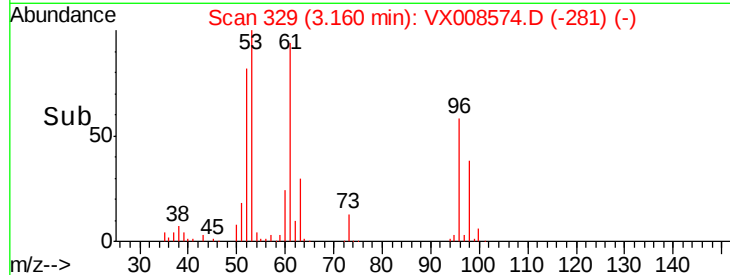
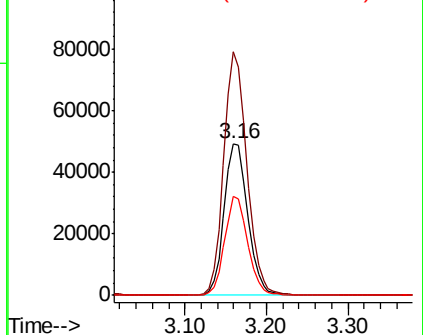


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 48.453 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

Tgt Ion: 45 Resp: 436665

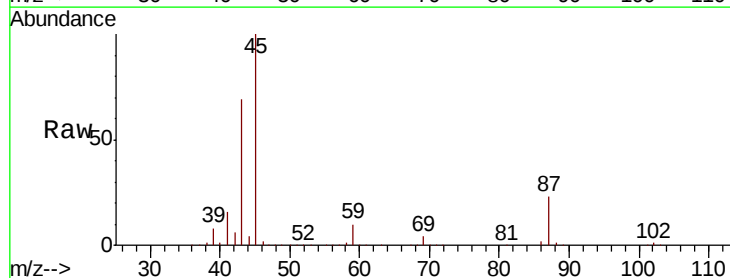
Ion Ratio Lower Upper

45 100

43 69.3 57.1 85.7

87 22.6 18.8 28.2

59 10.3 8.7 13.1



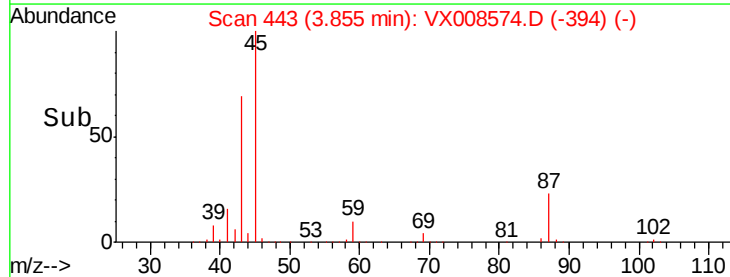
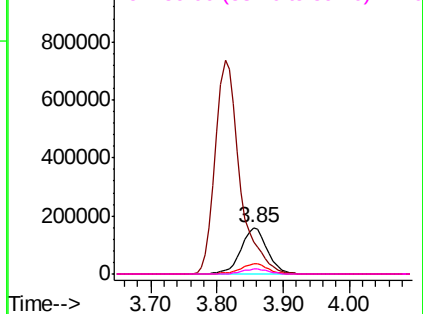
Abundance

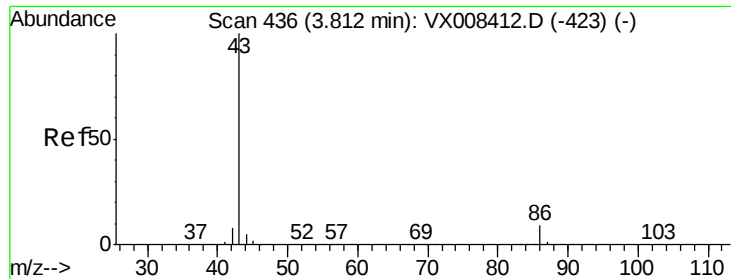
Ion 45.00 (44.70 to 45.70): VX0

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: 241.781 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

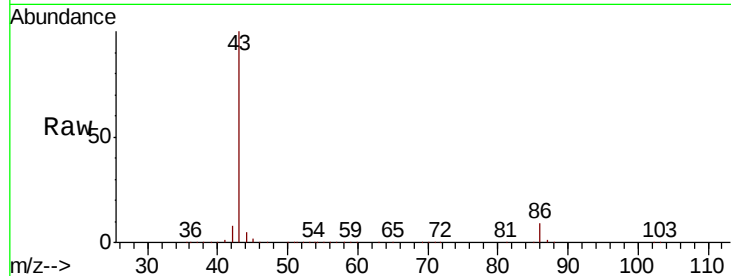
BP-VPB201R-GW-818-820MSD

Tot Ion: 43 Resp: 1901014

Ion Ratio Lower Upper

43 100

86 8.6 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

800000

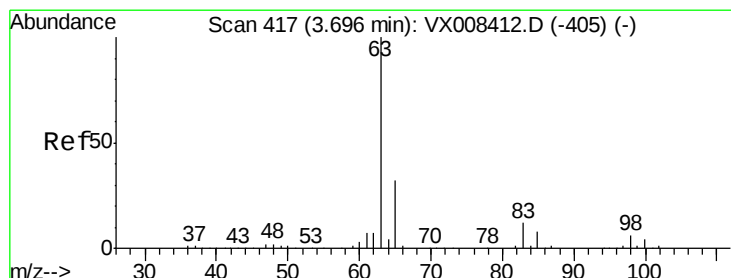
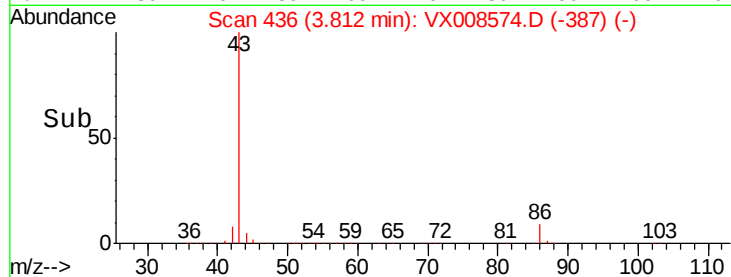
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 47.157 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

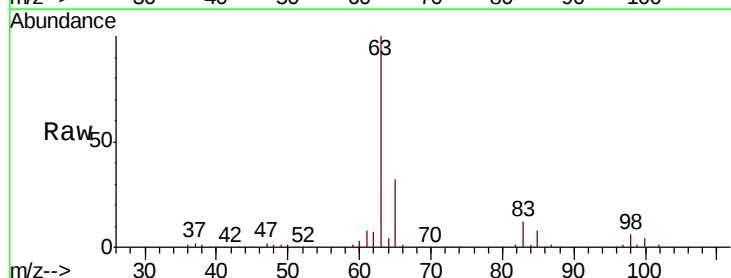
Tgt Ion: 63 Resp: 214554

Ion Ratio Lower Upper

63 100

98 6.1 3.2 9.6

100 4.0 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

120000

100000

80000

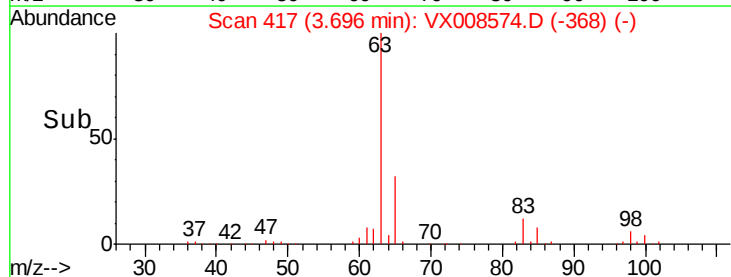
60000

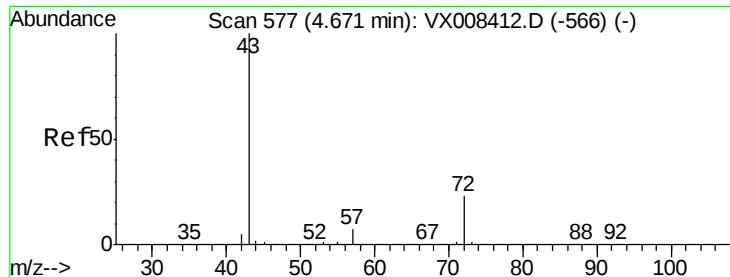
40000

20000

0

Time-->





#25

2-Butanone

Concen: 255.996 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

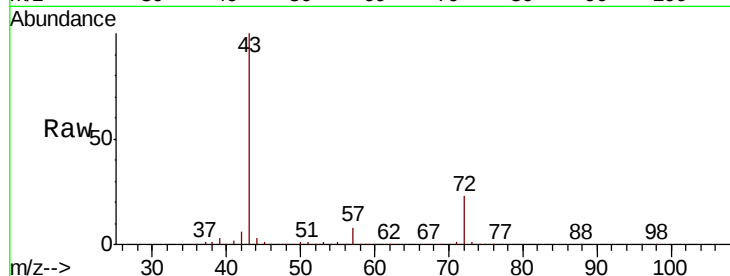
BP-VPB201R-GW-818-820MSD

Tot Ion: 43 Resp: 580694

Ion Ratio Lower Upper

43 100

72 23.0 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

200000

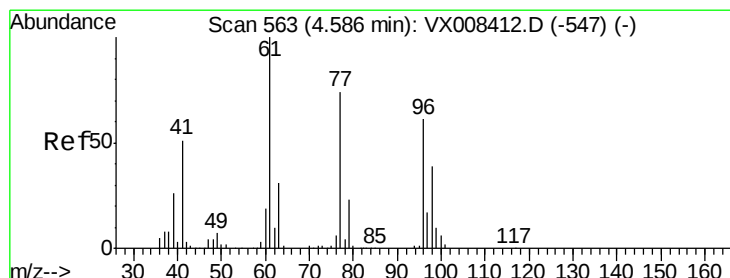
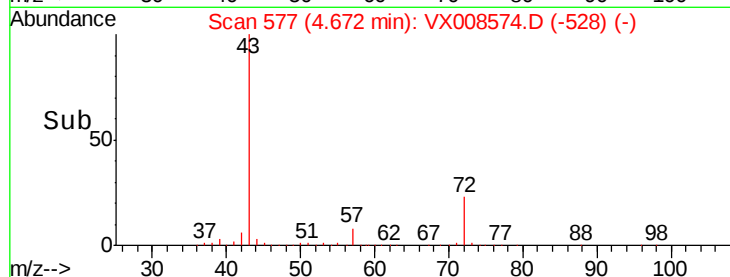
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 47.553 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008574.D

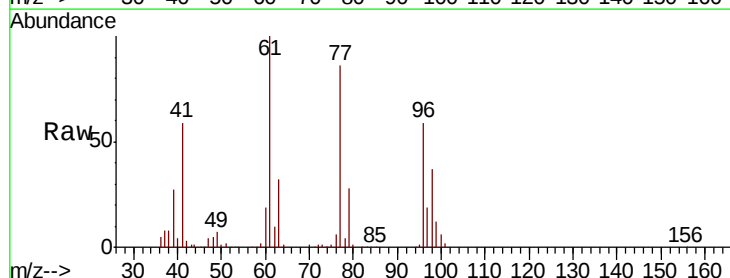
Acq: 01 Apr 2019 17:20

Tgt Ion: 77 Resp: 143904

Ion Ratio Lower Upper

77 100

97 23.0 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

50000

40000

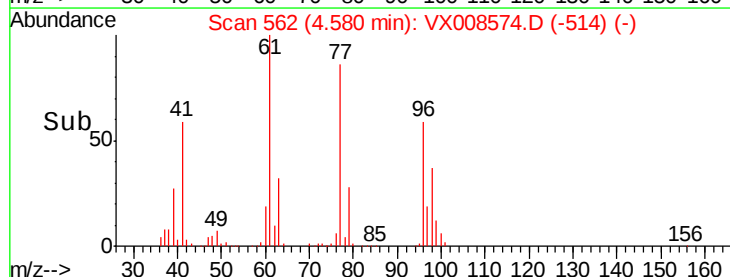
30000

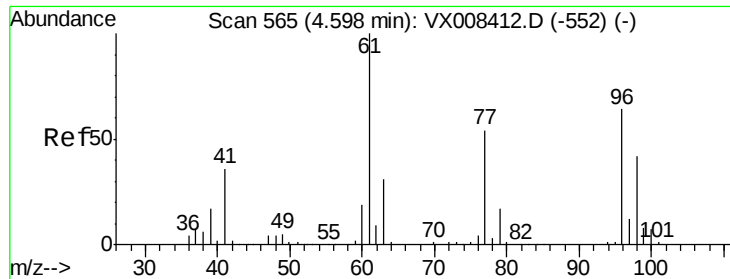
20000

10000

0

Time-->



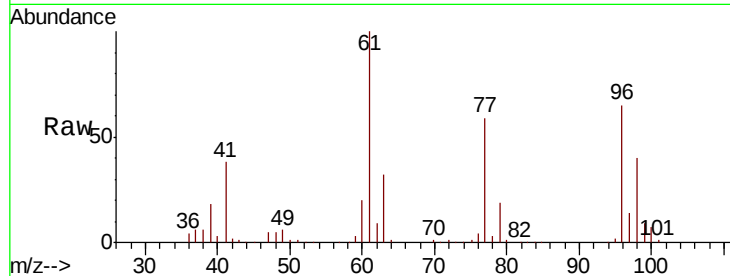


#27

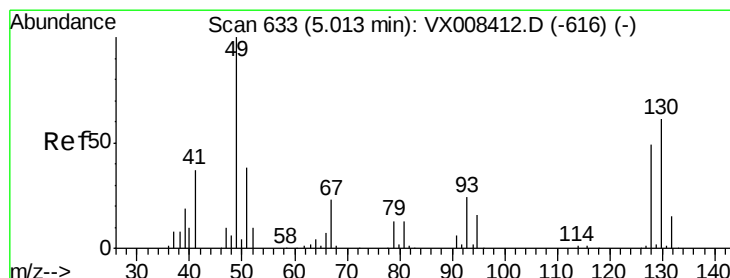
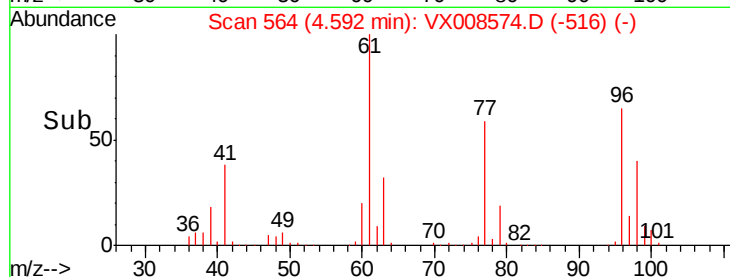
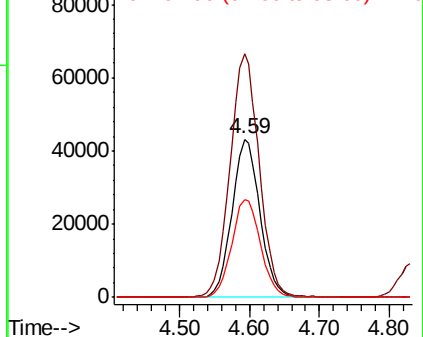
cis-1,2-Dichloroethene
Concen: 47.186 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201R-GW-818-820MSD

Tot Ion: 96 Resp: 119871
Ion Ratio Lower Upper
96 100
61 160.7 0.0 325.6
98 63.9 0.0 130.0



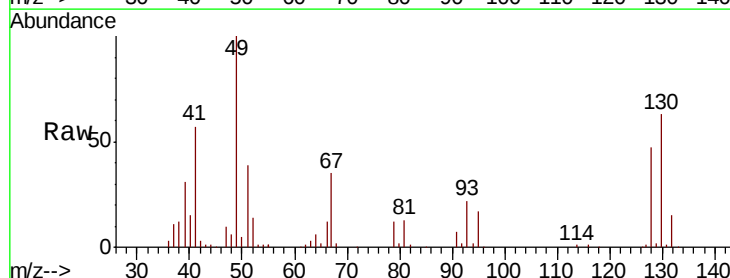
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



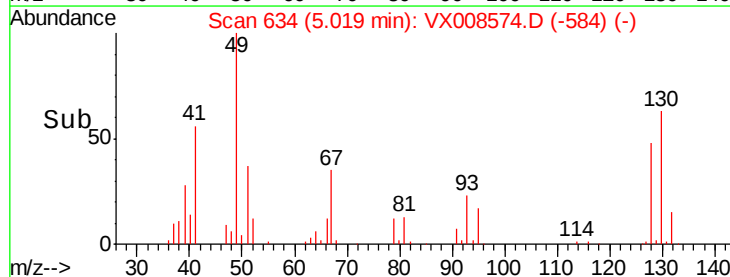
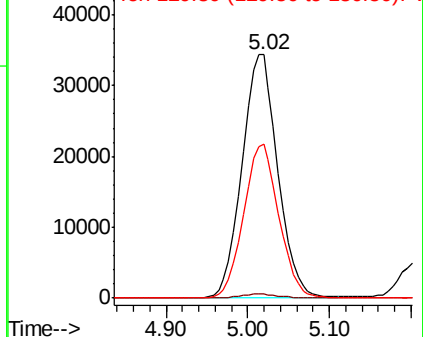
#28

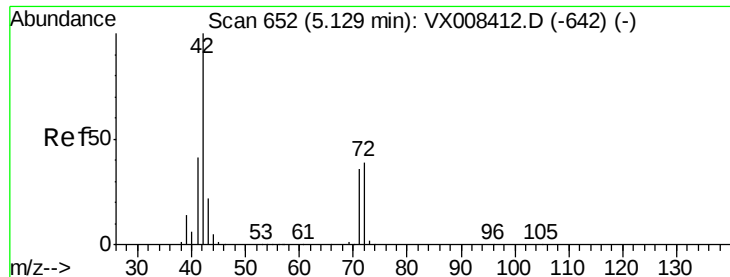
Bromochloromethane
Concen: 46.641 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

Tgt Ion: 49 Resp: 104840
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.4
130 62.3 49.8 74.6



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

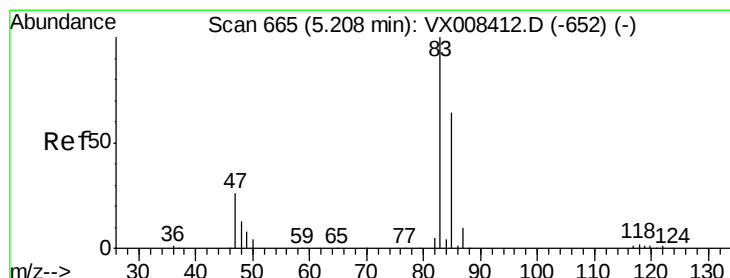
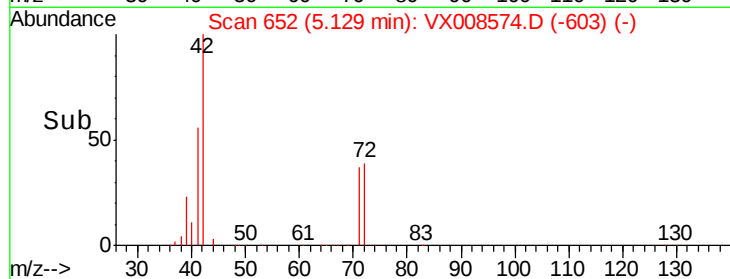
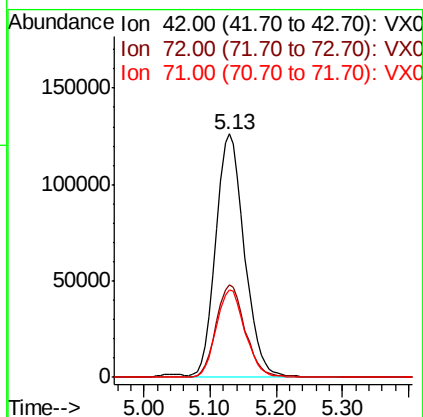
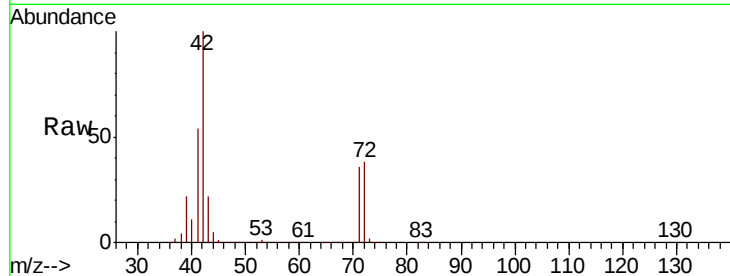




#29
Tetrahydrofuran
Concen: 252.996 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

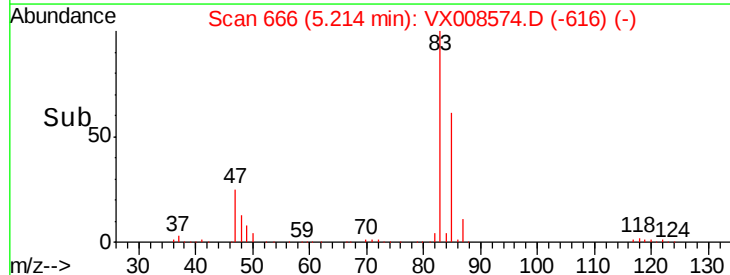
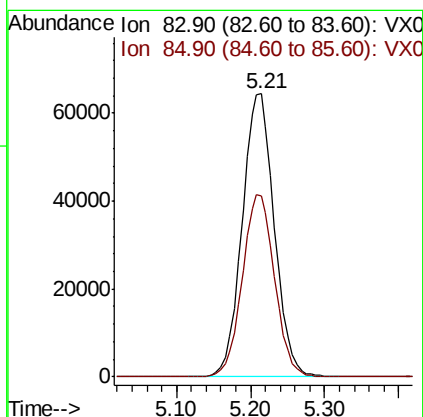
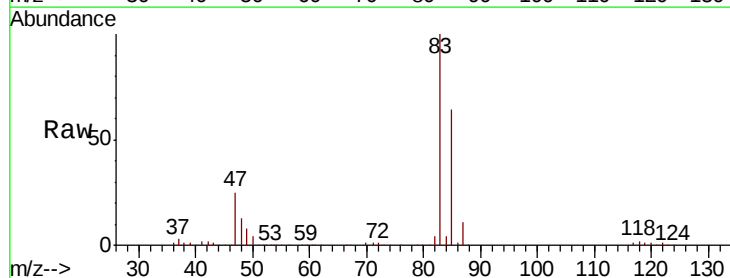
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201R-GW-818-820MSD

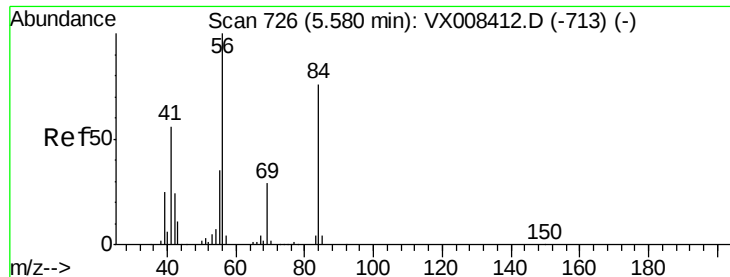
Tot Ion: 42 Resp: 378234
Ion Ratio Lower Upper
42 100
72 38.8 31.4 47.2
71 36.5 29.4 44.2



#30
Chloroform
Concen: 47.312 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

Tgt Ion: 83 Resp: 194265
Ion Ratio Lower Upper
83 100
85 63.7 51.4 77.2

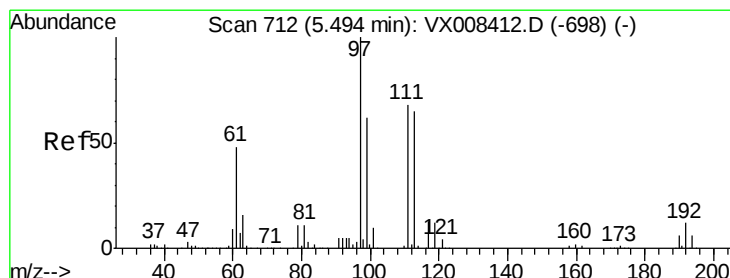
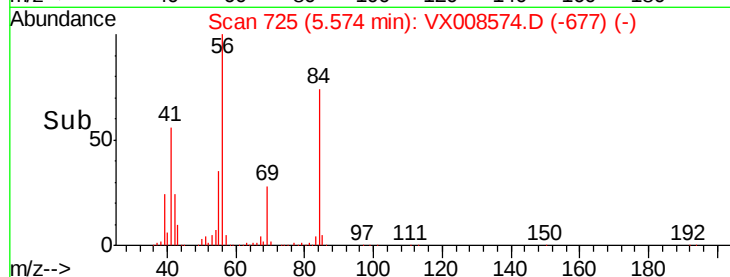
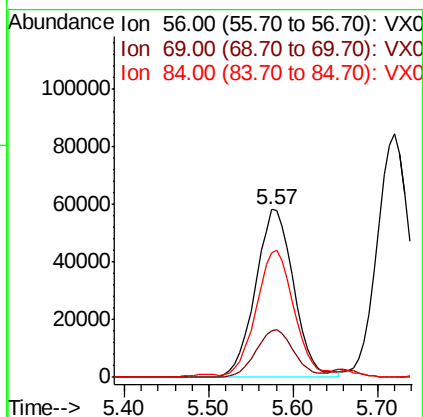
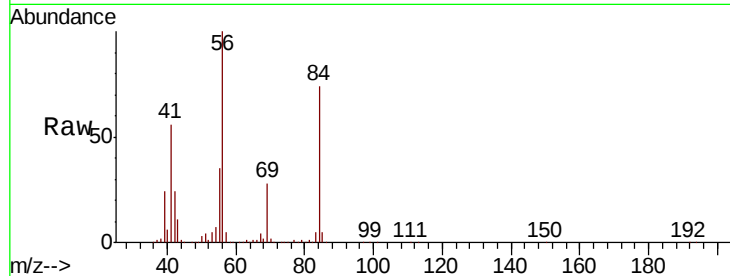




#31
Cyclohexane
Concen: 41.957 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

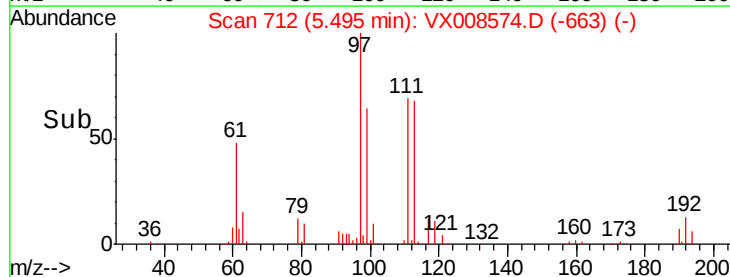
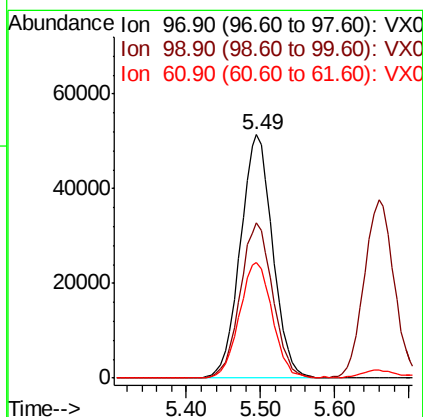
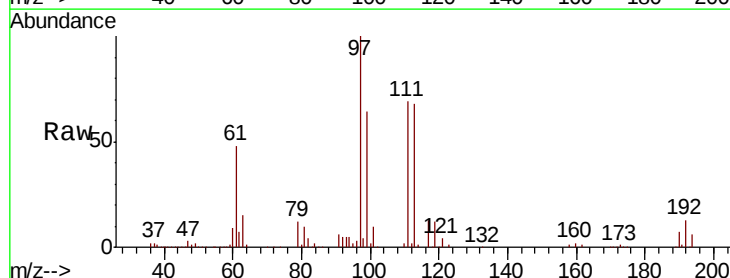
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201R-GW-818-820MSD

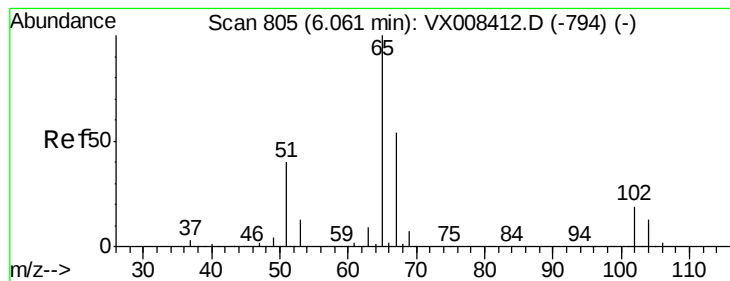
Tot Ion: 56 Resp: 182063
Ion Ratio Lower Upper
56 100
69 28.0 23.2 34.8
84 73.4 60.7 91.1



#32
1,1,1-Trichloroethane
Concen: 47.583 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

Tgt Ion: 97 Resp: 156169
Ion Ratio Lower Upper
97 100
99 64.3 51.5 77.3
61 48.5 38.8 58.2





#33

1,2-Dichloroethane-d4

Concen: 49.786 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

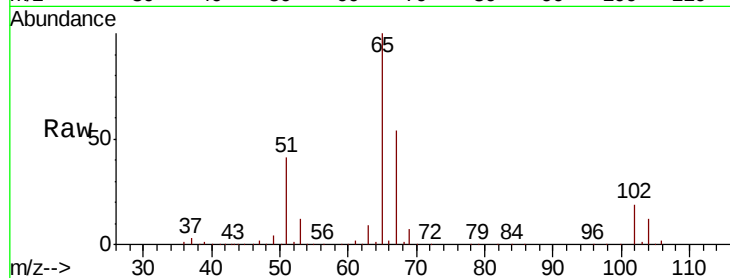
BP-VPB201R-GW-818-820MSD

Tot Ion: 65 Resp: 134780

Ion Ratio Lower Upper

65 100

67 53.9 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

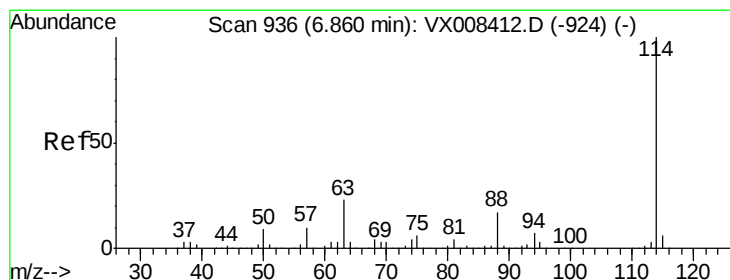
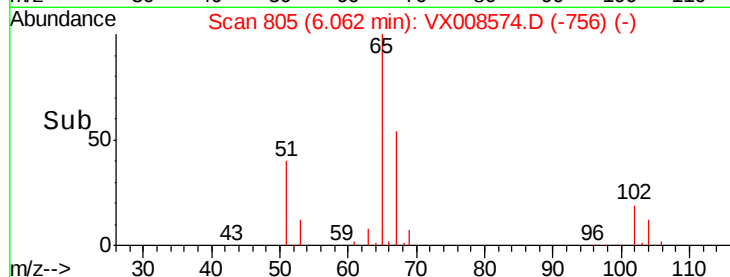
20000

10000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

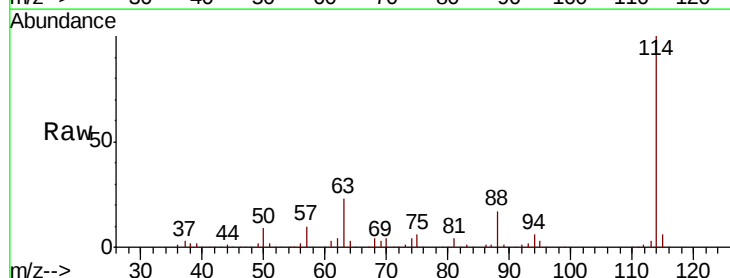
Tgt Ion: 114 Resp: 306508

Ion Ratio Lower Upper

114 100

63 23.0 0.0 46.4

88 16.8 0.0 33.2



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

6.86

150000

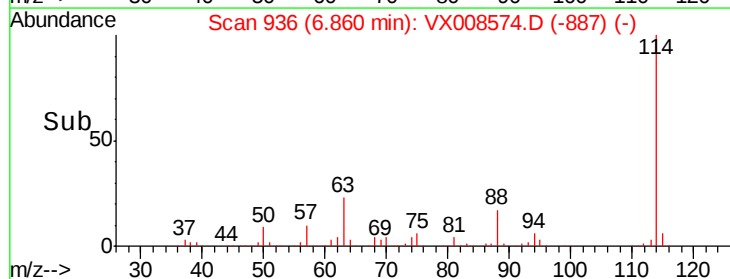
100000

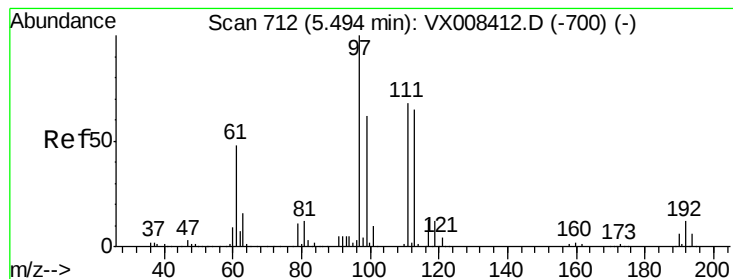
50000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 49.910 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201R-GW-818-820MSD

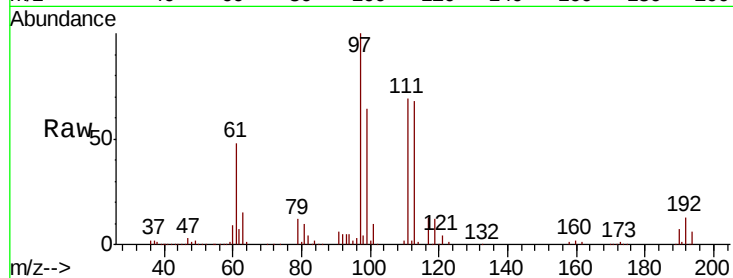
Tot Ion:113 Resp: 99749

Ion Ratio Lower Upper

113 100

111 103.2 83.0 124.4

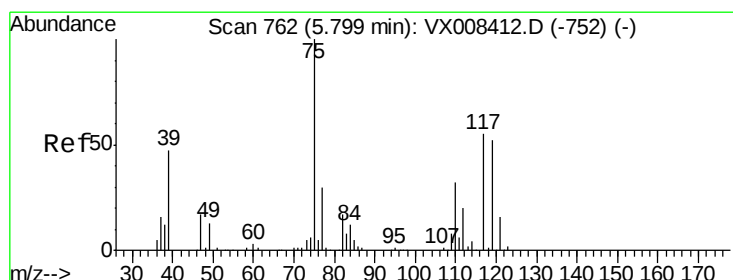
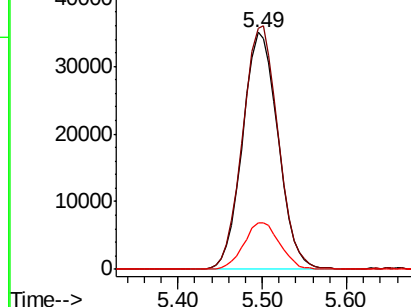
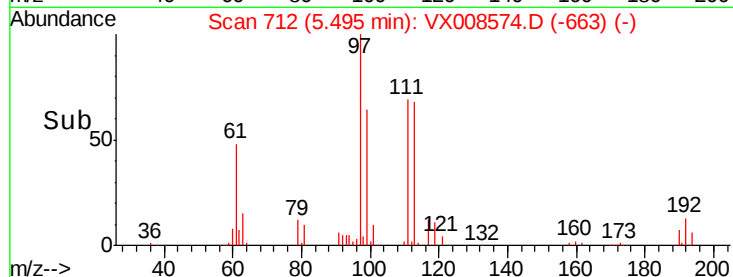
192 20.0 15.6 23.4



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: 44.435 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

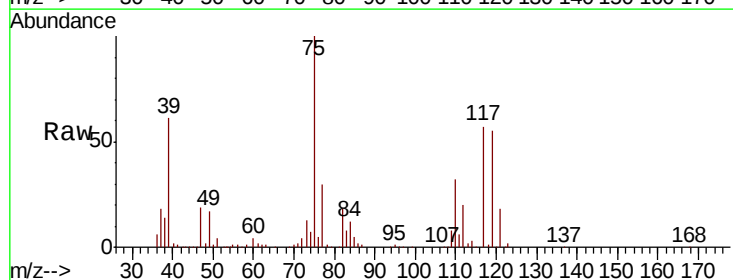
Tgt Ion: 75 Resp: 145215

Ion Ratio Lower Upper

75 100

110 33.0 16.6 49.7

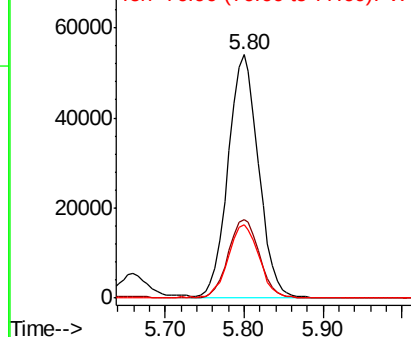
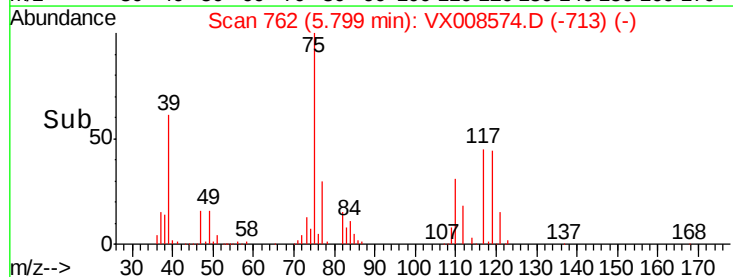
77 30.4 24.2 36.2

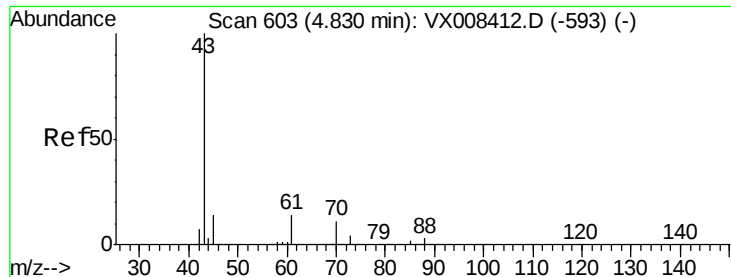


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

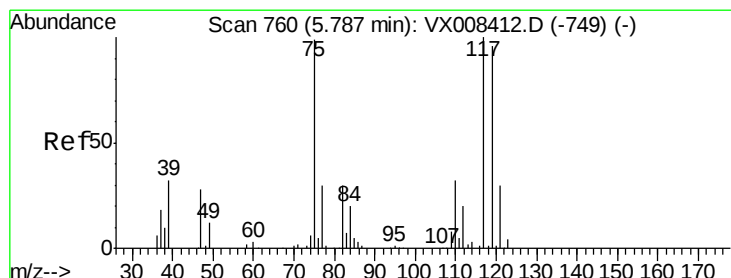
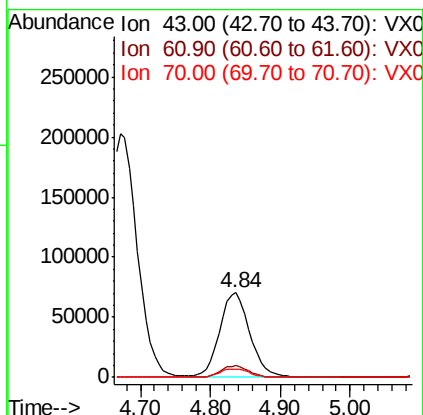
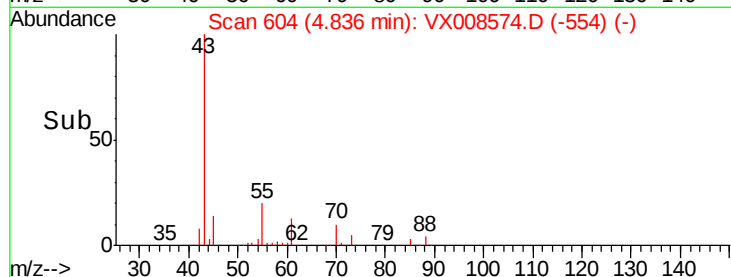
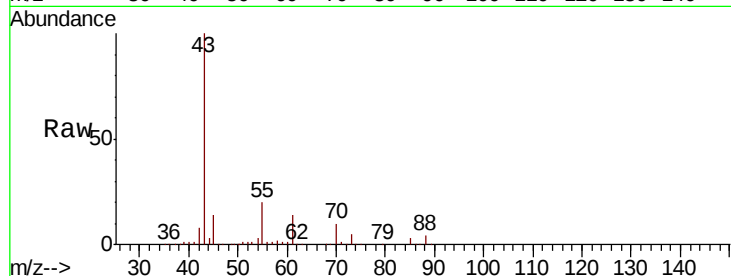




#37
Ethyl Acetate
Concen: 49.493 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

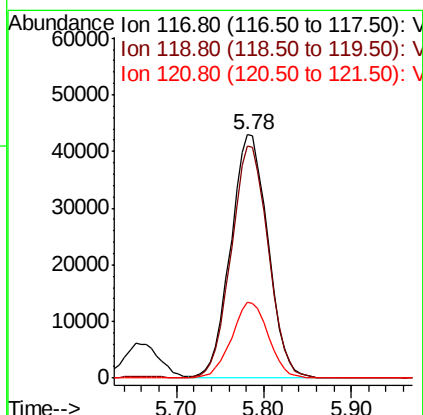
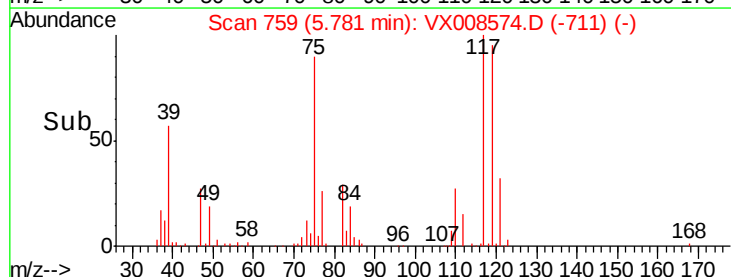
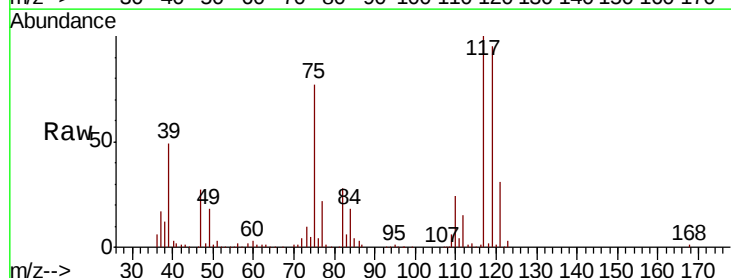
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201R-GW-818-820MSD

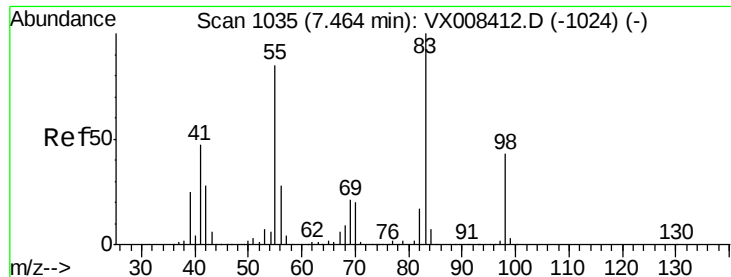
Tot Ion: 43 Resp: 209540
Ion Ratio Lower Upper
43 100
61 12.9 10.5 15.7
70 9.9 7.8 11.8



#38
Carbon Tetrachloride
Concen: 46.672 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

Tgt Ion: 117 Resp: 127288
Ion Ratio Lower Upper
117 100
119 95.2 76.7 115.1
121 31.4 24.3 36.5

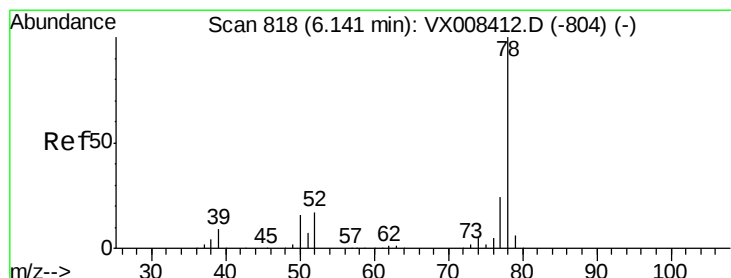
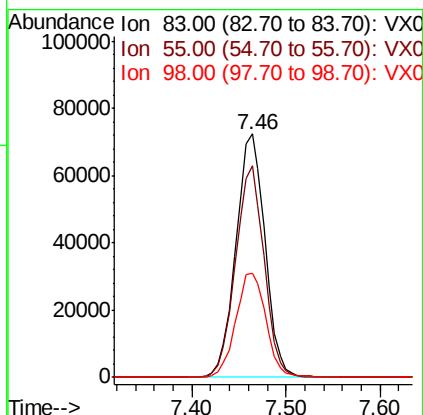
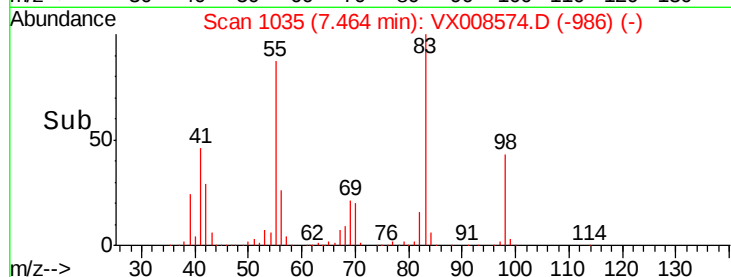
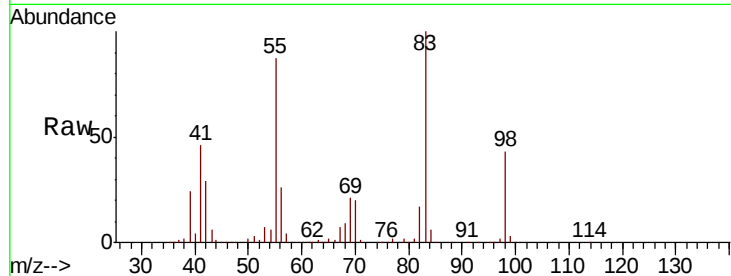




#39
Methvlcvclohexane
Concen: 39.966 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

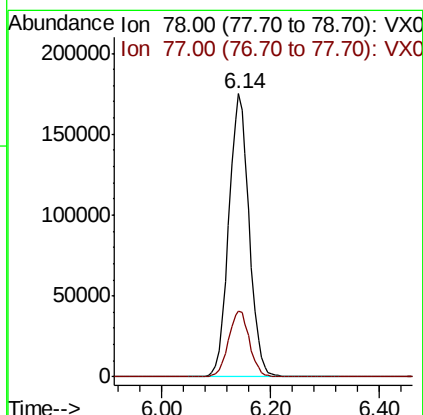
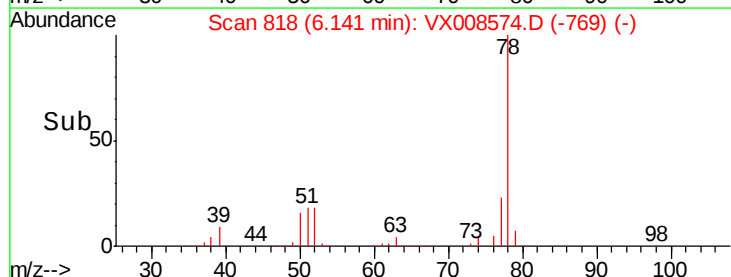
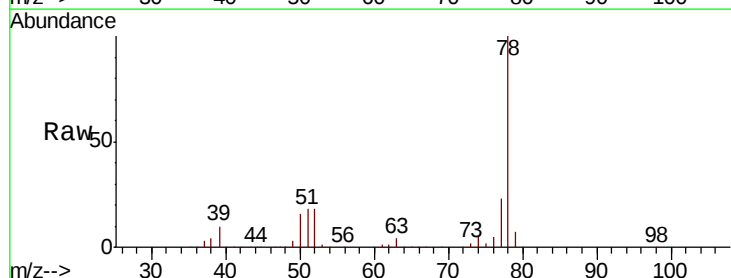
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201R-GW-818-820MSD

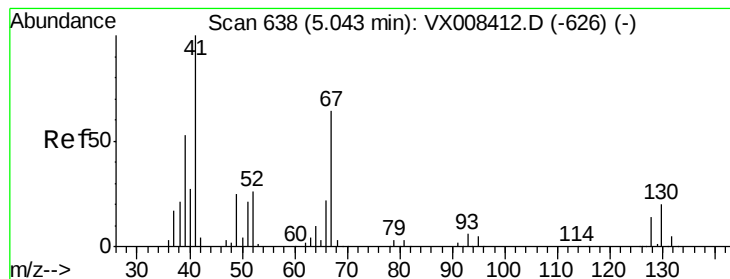
Tot Ion: 83 Resp: 156091
Ion Ratio Lower Upper
83 100
55 86.5 68.2 102.4
98 43.0 34.2 51.4



#40
Benzene
Concen: 46.532 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

Tgt Ion: 78 Resp: 455253
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9





#41

Methacrylonitrile

Concen: 51.402 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201R-GW-818-820MSD

Tot Ion: 41 Resp: 122298

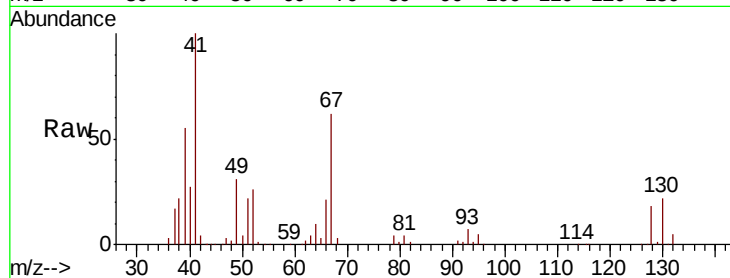
Ion Ratio Lower Upper

41 100

39 53.3 42.6 64.0

67 64.2 52.2 78.4

52 26.3 21.4 32.0

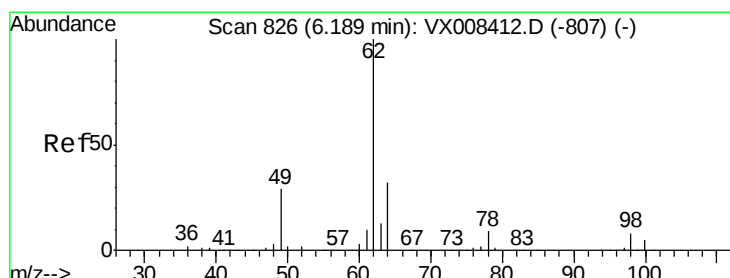
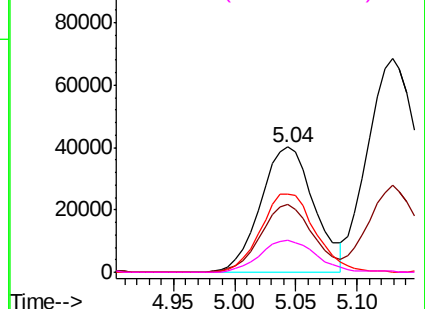
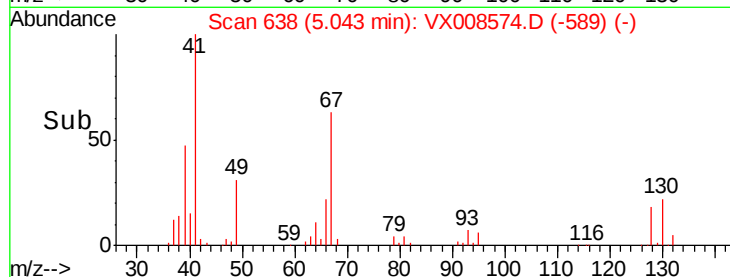


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 46.227 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX008574.D

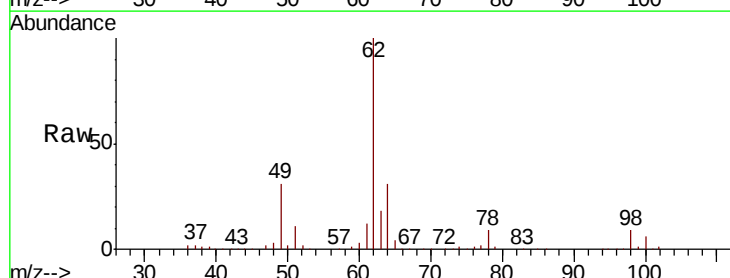
Acq: 01 Apr 2019 17:20

Tgt Ion: 62 Resp: 165592

Ion Ratio Lower Upper

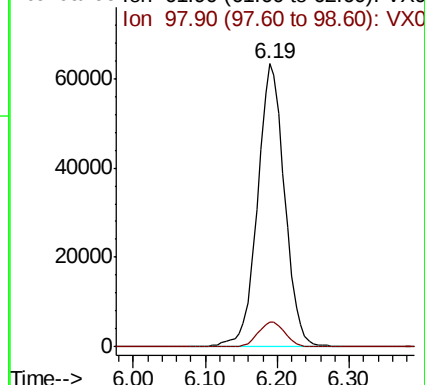
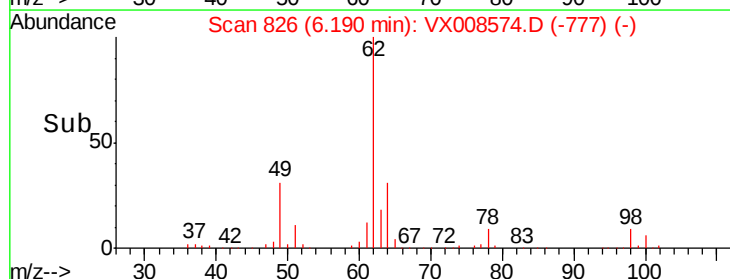
62 100

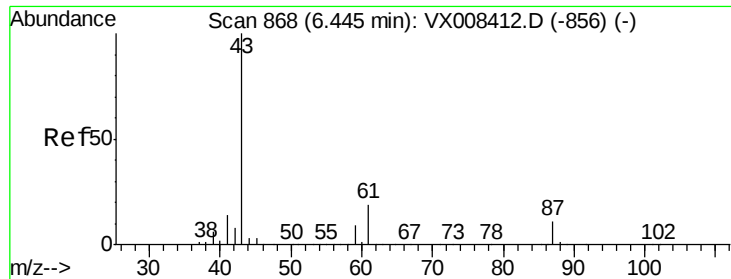
98 8.9 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



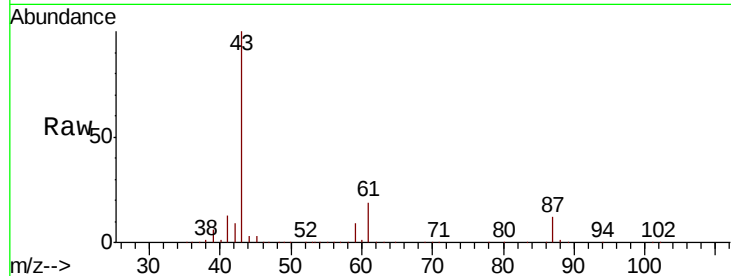


#43

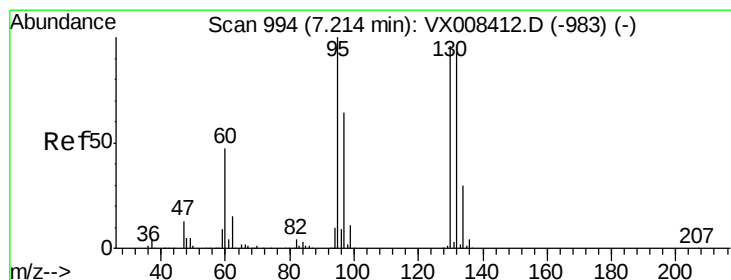
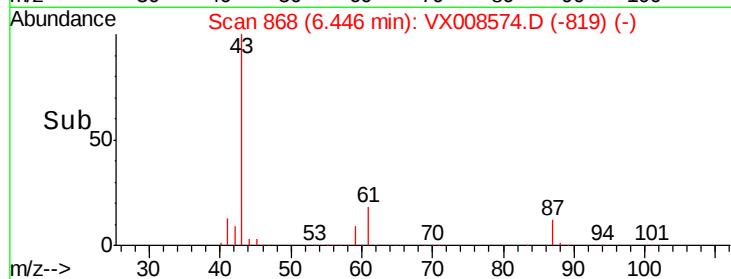
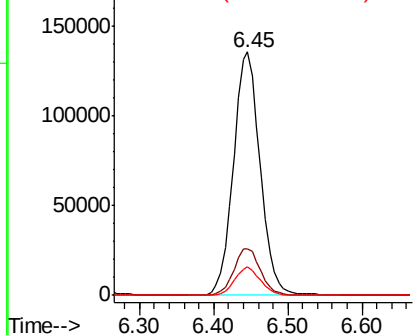
Isopropyl Acetate
 Concen: 50.085 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX008574.D
 Acq: 01 Apr 2019 17:20

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201R-GW-818-820MSD

Tot Ion: 43 Resp: 339170
 Ion Ratio Lower Upper
 43 100
 61 19.3 15.4 23.2
 87 11.3 9.1 13.7



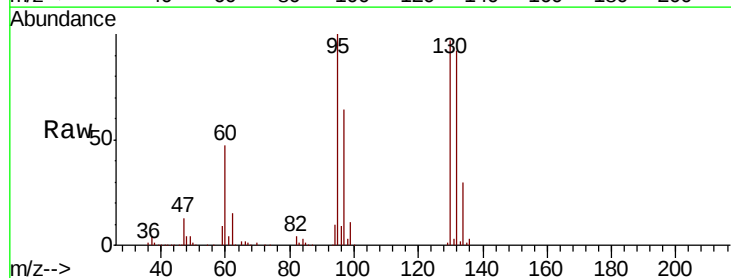
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



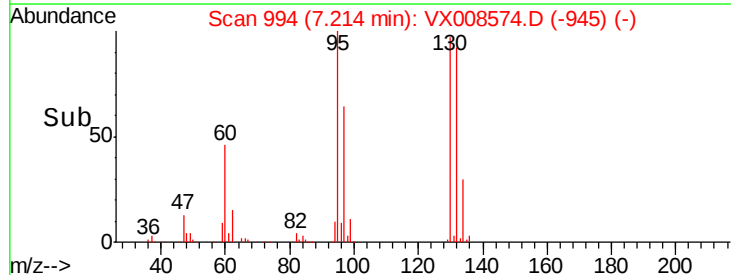
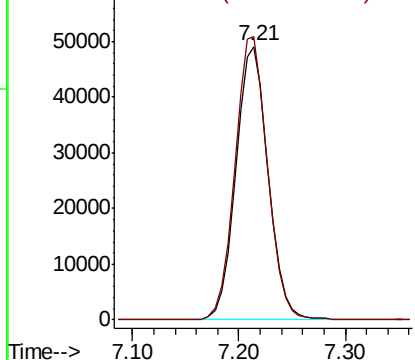
#44

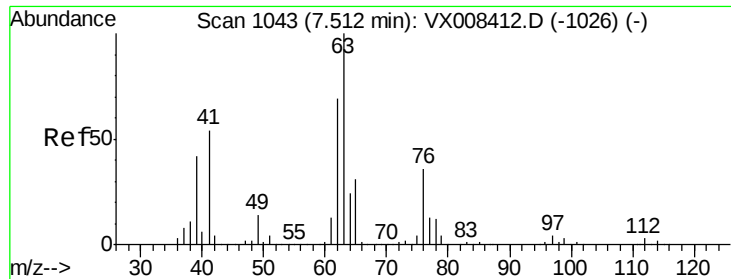
Trichloroethene
 Concen: 45.465 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008574.D
 Acq: 01 Apr 2019 17:20

Tgt Ion:130 Resp: 104443
 Ion Ratio Lower Upper
 130 100
 95 103.5 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 47.543 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

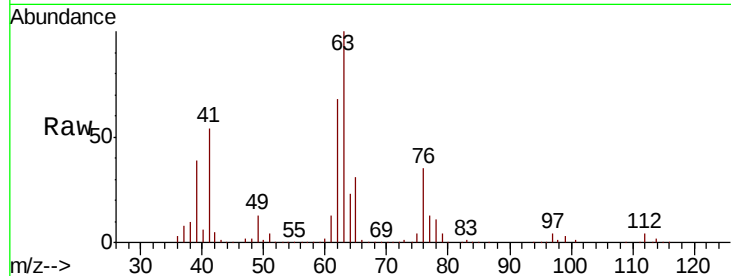
BP-VPB201R-GW-818-820MSD

Tot Ion: 63 Resp: 132214

Ion Ratio Lower Upper

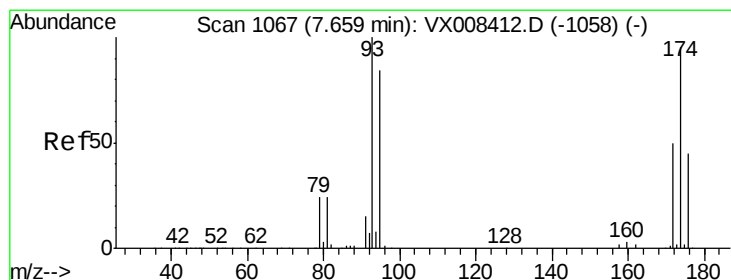
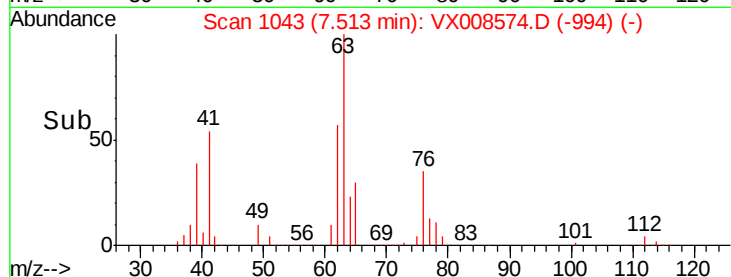
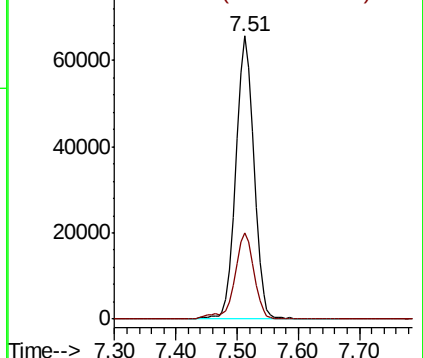
63 100

65 30.7 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 47.038 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

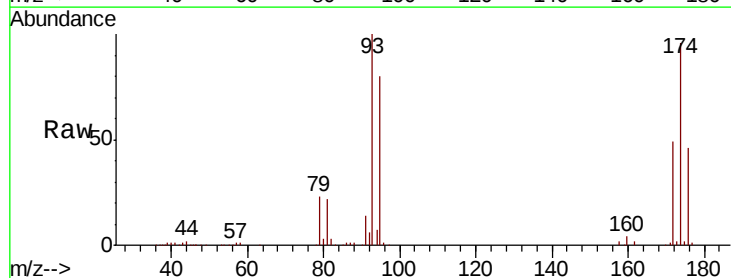
Tgt Ion: 93 Resp: 76385

Ion Ratio Lower Upper

93 100

95 83.2 67.0 100.6

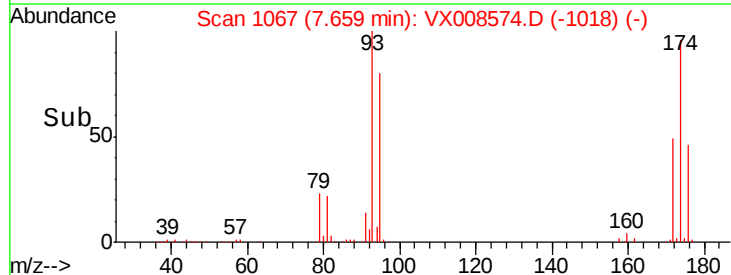
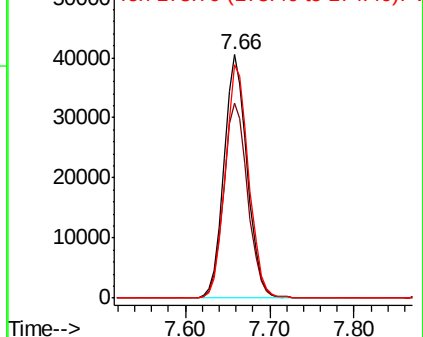
174 96.6 76.0 114.0

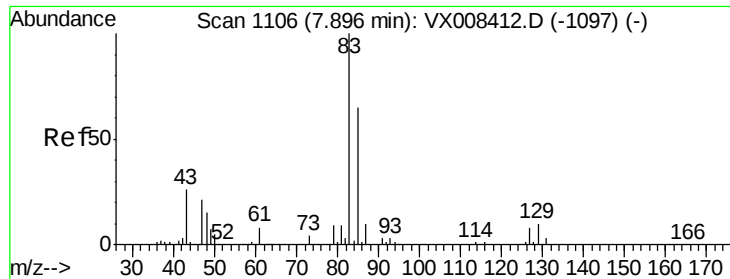


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.153 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201R-GW-818-820MSD

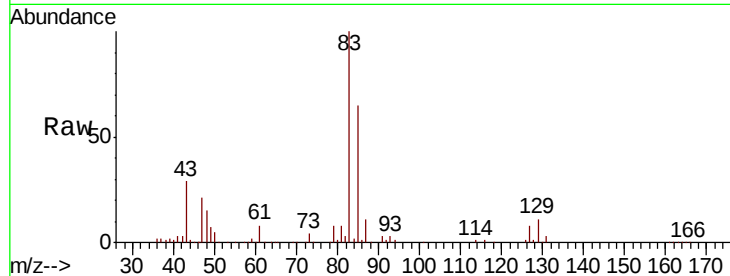
Tot Ion: 83 Resp: 152781

Ion Ratio Lower Upper

83 100

85 64.7 52.0 78.0

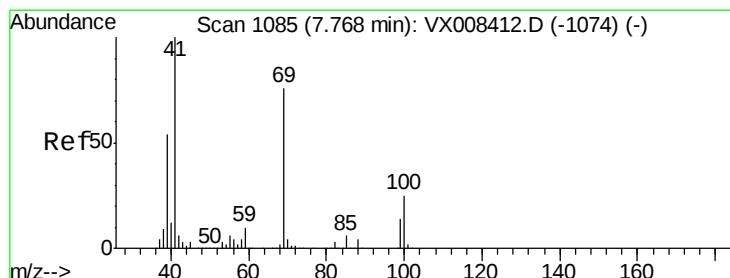
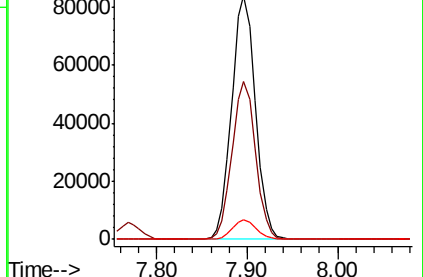
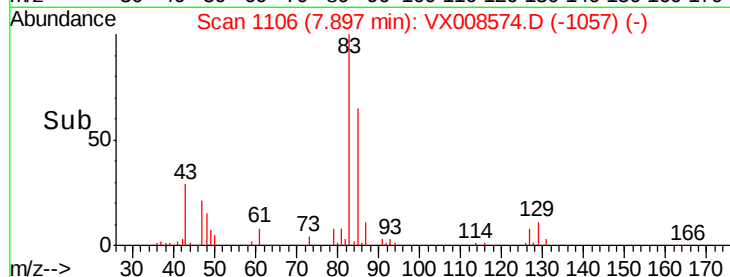
127 7.9 6.4 9.6



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: 51.195 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

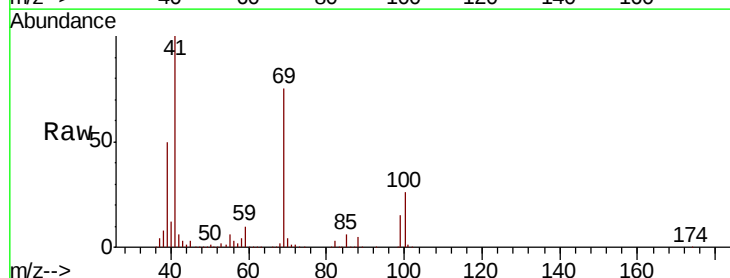
Tgt Ion: 41 Resp: 173466

Ion Ratio Lower Upper

41 100

69 74.5 60.8 91.2

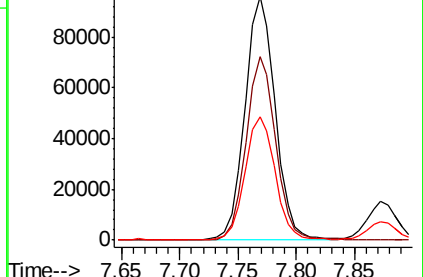
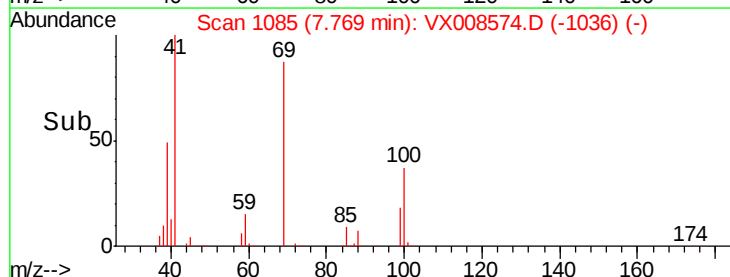
39 50.7 42.3 63.5

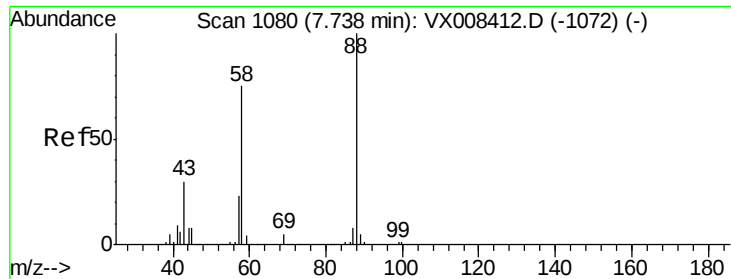


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

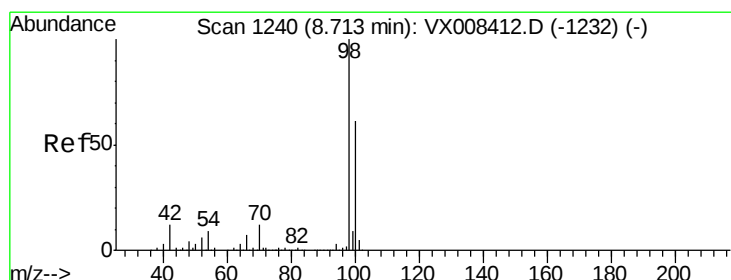
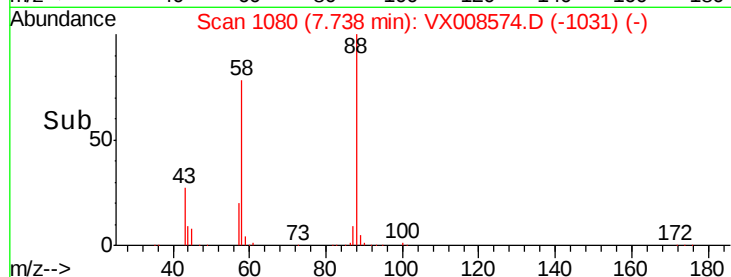
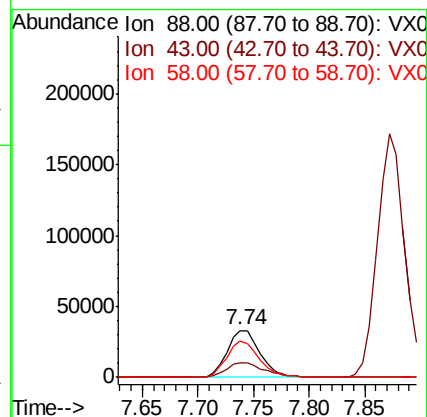
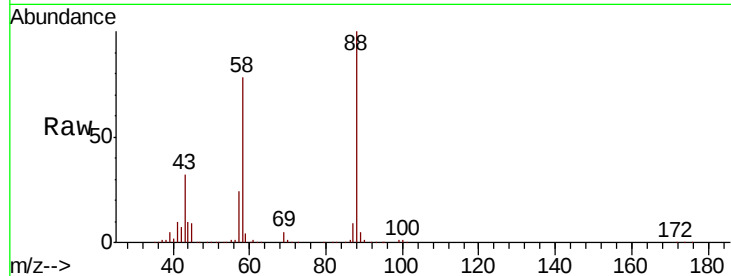




#49
1,4-Dioxane
Concen: 999.836 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

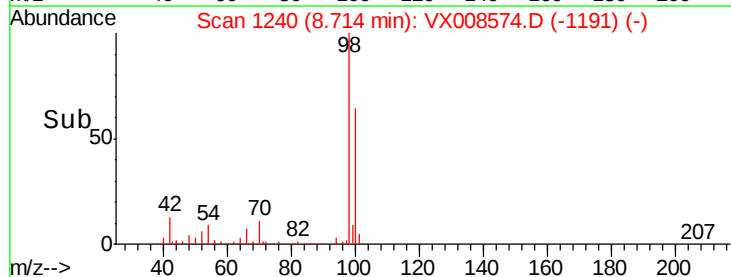
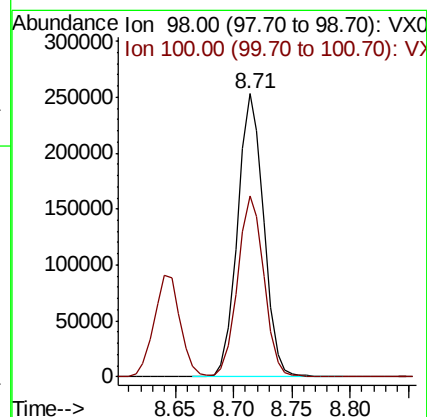
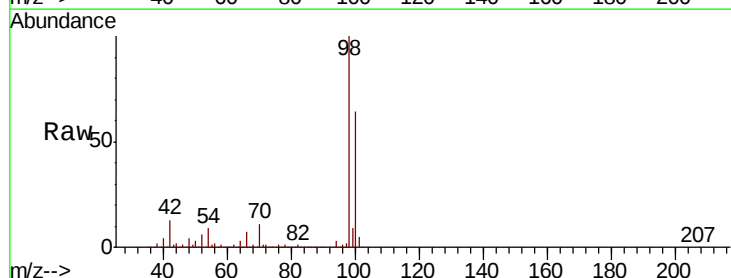
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201R-GW-818-820MSD

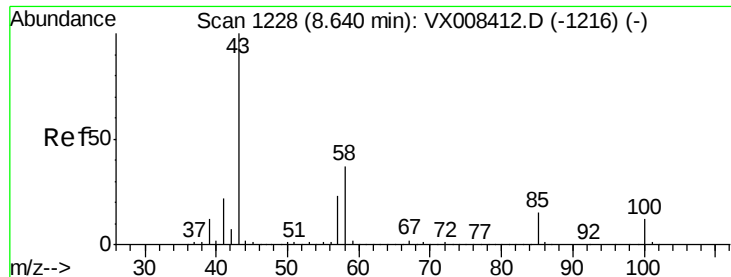
Tot Ion: 88 Resp: 67361
Ion Ratio Lower Upper
88 100
43 36.0 28.6 43.0
58 77.7 63.0 94.4



#50
Toluene-d8
Concen: 49.497 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

Tgt Ion: 98 Resp: 395553
Ion Ratio Lower Upper
98 100
100 64.6 51.1 76.7

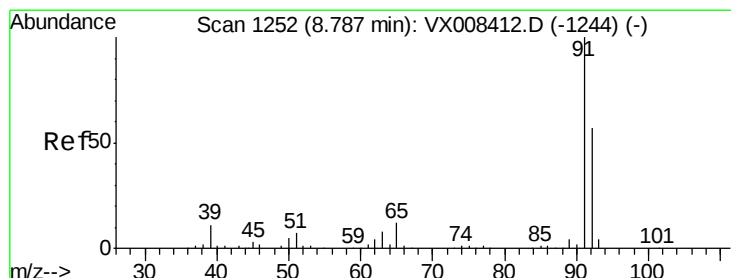
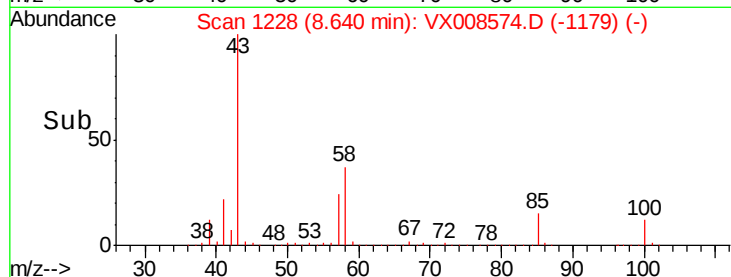
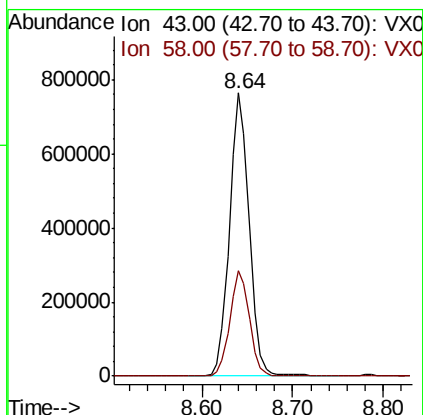
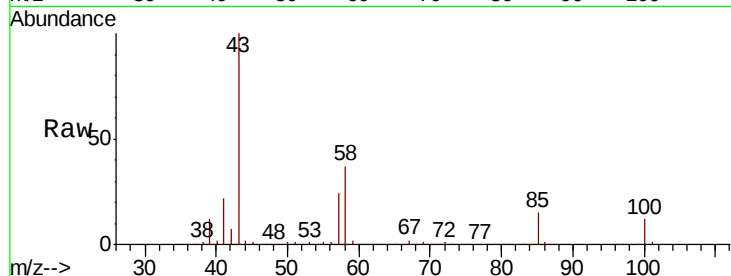




#51
4-Methyl-2-Pentanone
Concen: 264.514 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

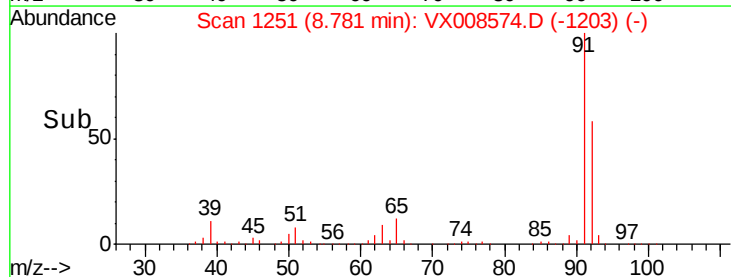
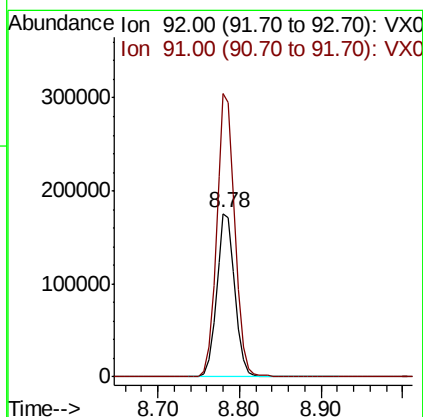
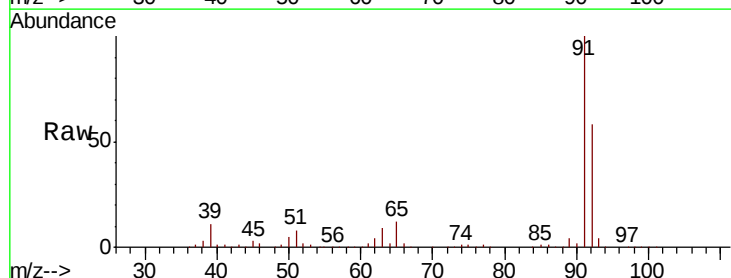
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201R-GW-818-820MSD

Tot Ion: 43 Resp: 1163427
Ion Ratio Lower Upper
43 100
58 37.0 29.8 44.8



#52
Toluene
Concen: 46.799 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

Tgt Ion: 92 Resp: 273771
Ion Ratio Lower Upper
92 100
91 173.8 140.2 210.4

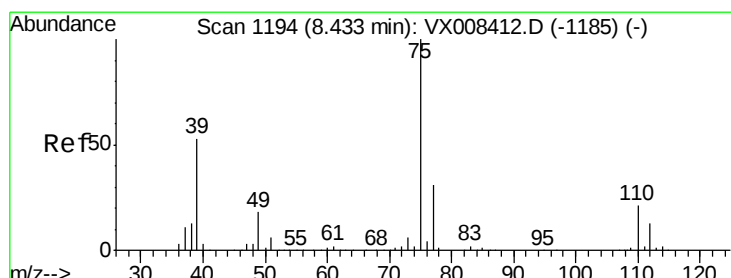
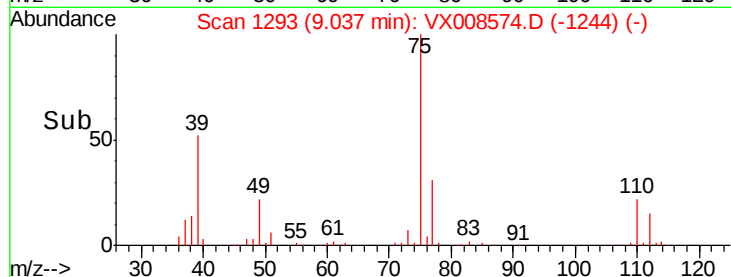
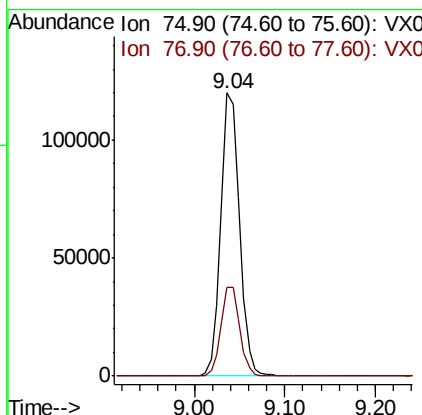
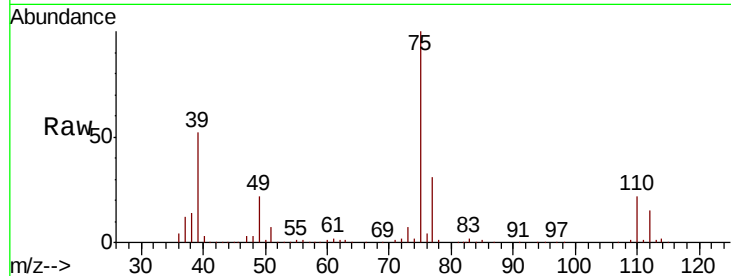




#53
 t-1,3-Dichloropropene
 Concen: 50.991 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX008574.D
 Acq: 01 Apr 2019 17:20

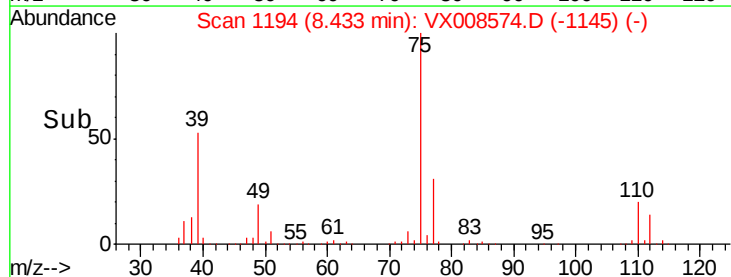
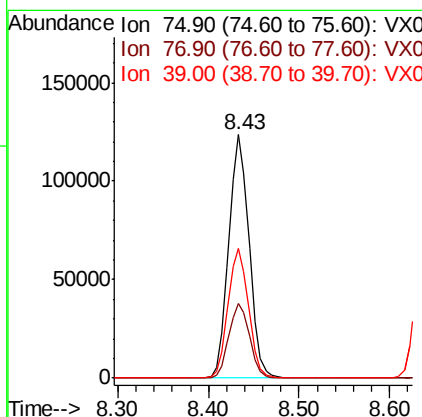
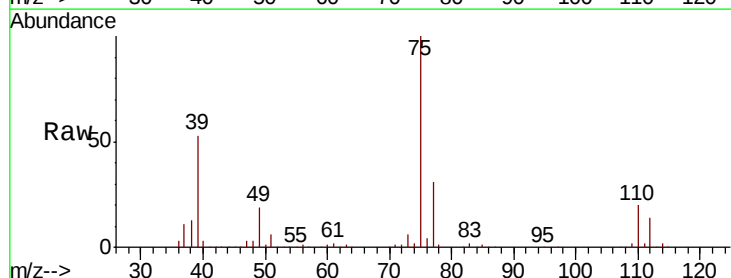
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201R-GW-818-820MSD

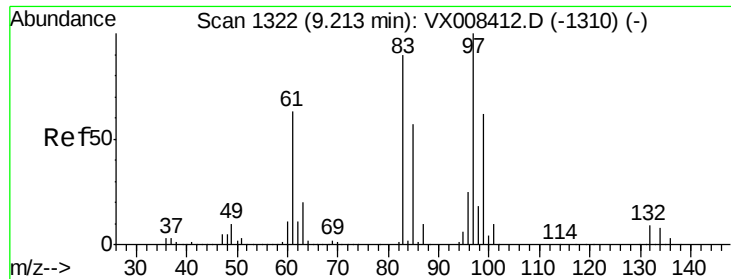
Tot Ion: 75 Resp: 173600
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.3 36.5



#54
 cis-1,3-Dichloropropene
 Concen: 49.829 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX008574.D
 Acq: 01 Apr 2019 17:20

Tgt Ion: 75 Resp: 192908
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.7 37.1
 39 53.0 42.4 63.6

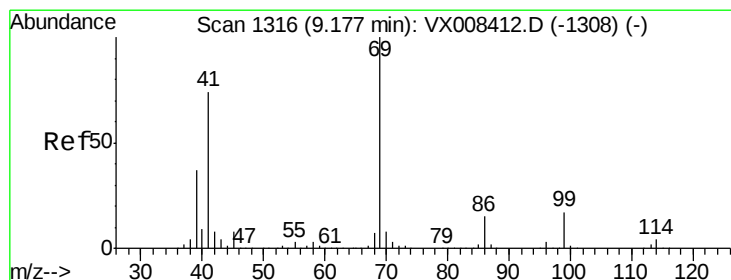
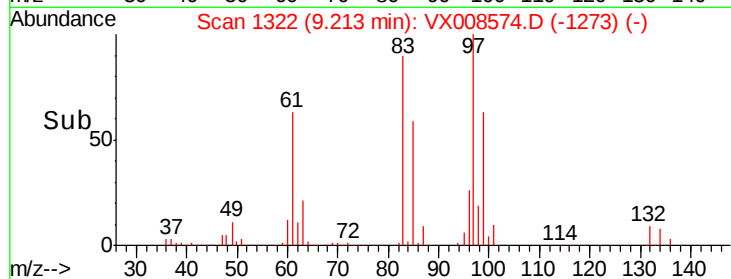
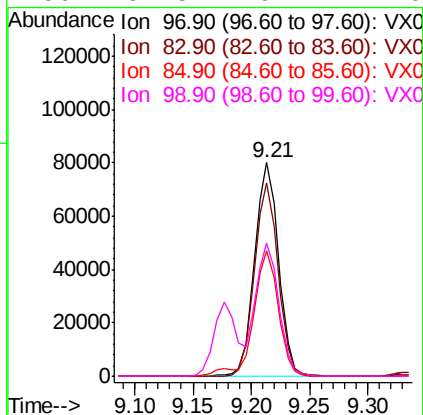
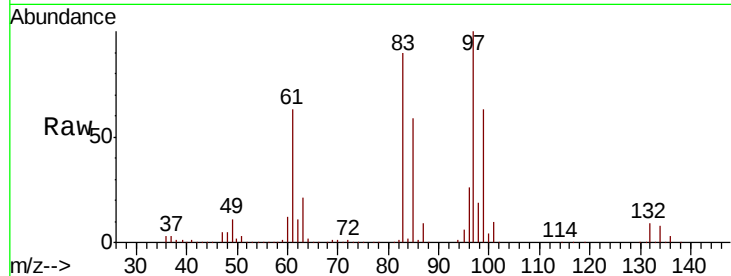




#55
 1,1,2-Trichloroethane
 Concen: 48.557 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008574.D
 Acq: 01 Apr 2019 17:20

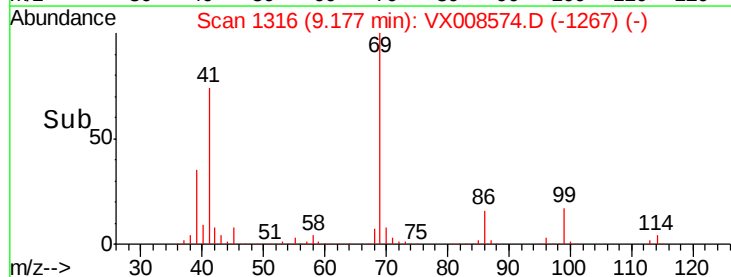
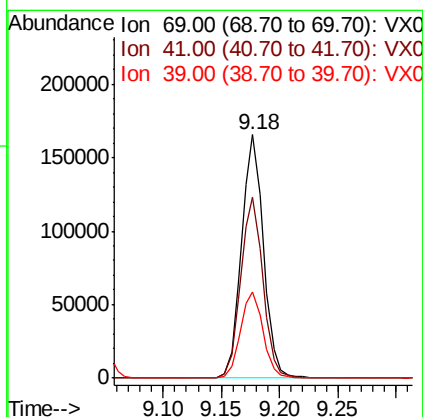
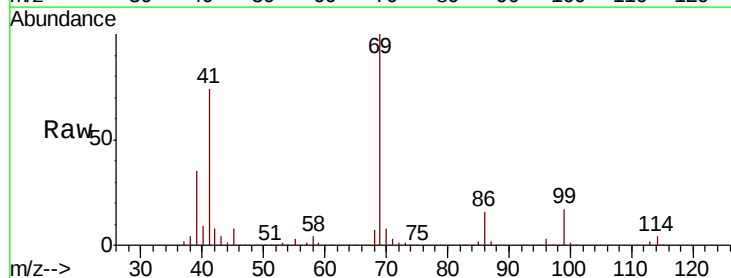
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201R-GW-818-820MSD

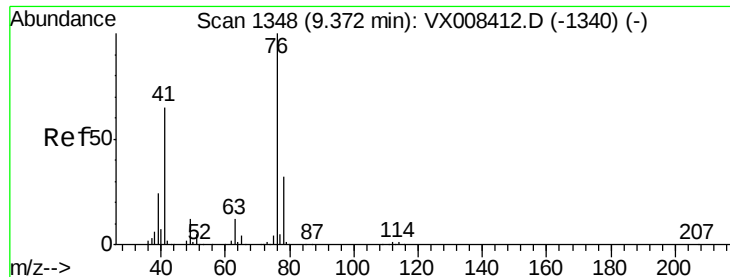
Tot Ion:	97	Resp:	115631
Ion	Ratio	Lower	Upper
97	100		
83	90.3	71.8	107.6
85	59.0	45.9	68.9
99	62.5	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 50.841 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008574.D
 Acq: 01 Apr 2019 17:20

Tgt Ion:	69	Resp:	218540
Ion	Ratio	Lower	Upper
69	100		
41	75.0	59.5	89.3
39	36.4	29.3	43.9





#57

1,3-Dichloropropane

Concen: 47.898 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

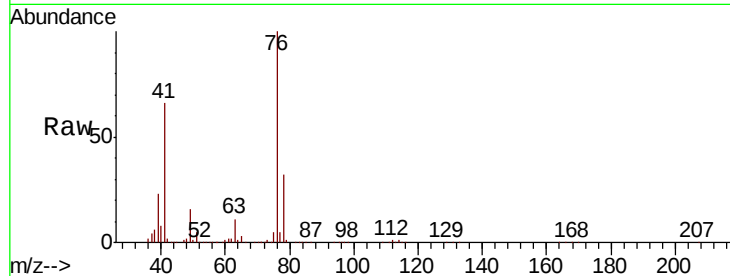
BP-VPB201R-GW-818-820MSD

Tot Ion: 76 Resp: 204503

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

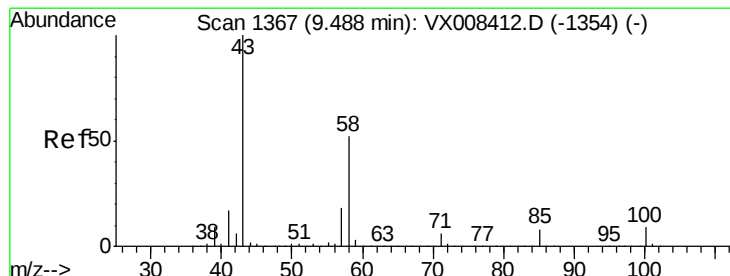
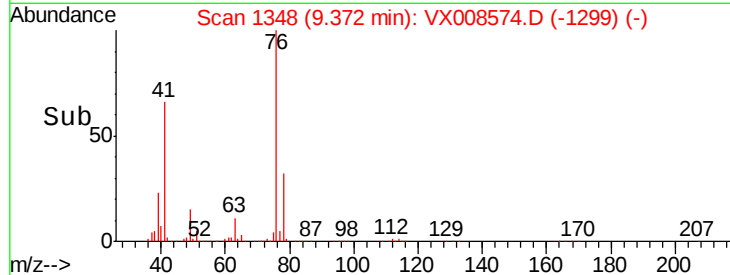
100000

50000

0

9.30 9.40 9.50

Time-->



#59

2-Hexanone

Concen: 260.363 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.01 min

Lab File: VX008574.D

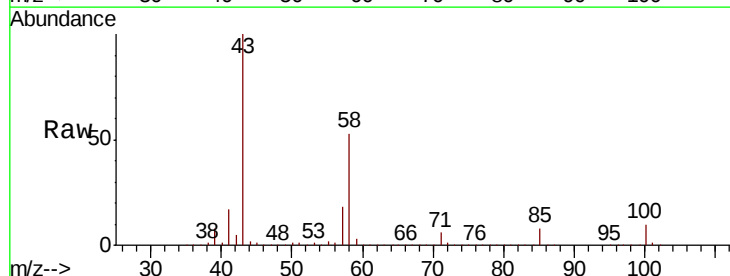
Acq: 01 Apr 2019 17:20

Tgt Ion: 43 Resp: 887343

Ion Ratio Lower Upper

43 100

58 52.4 26.3 78.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.49

600000

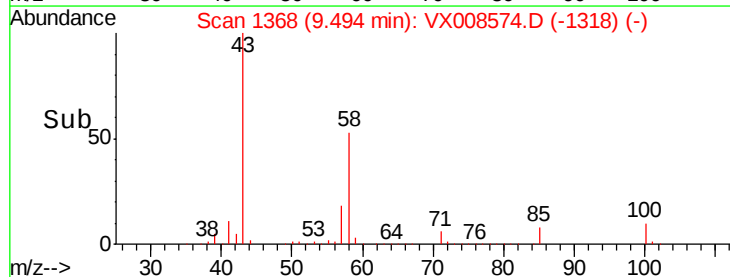
400000

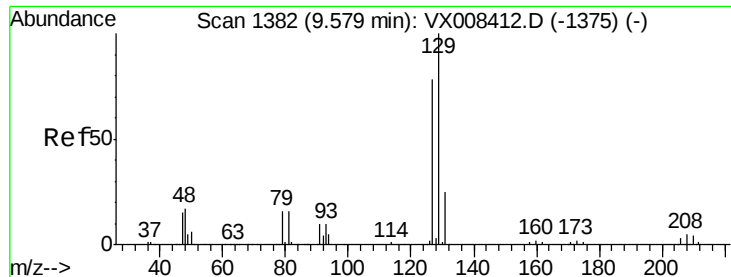
200000

0

9.40 9.45 9.50 9.55 9.60

Time-->





#60

Dibromochloromethane

Concen: 50.201 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

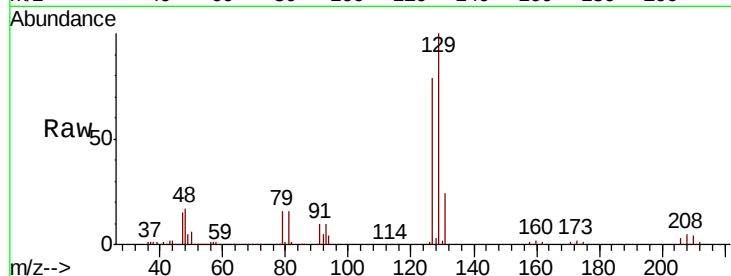
BP-VPB201R-GW-818-820MSD

Tot Ion:129 Resp: 113690

Ion Ratio Lower Upper

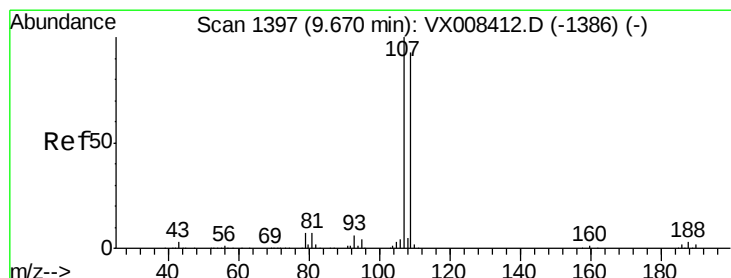
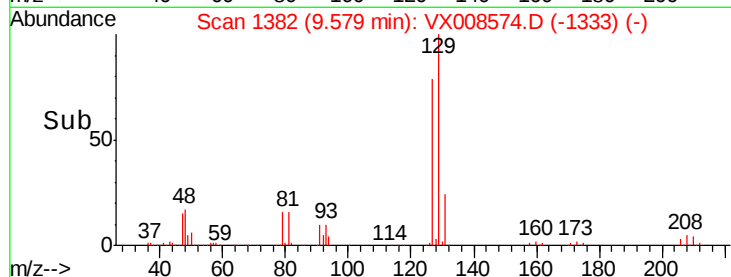
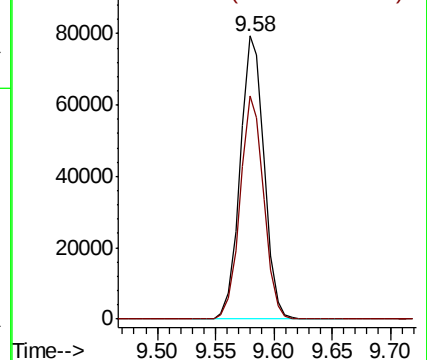
129 100

127 77.5 38.1 114.3



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 48.862 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008574.D

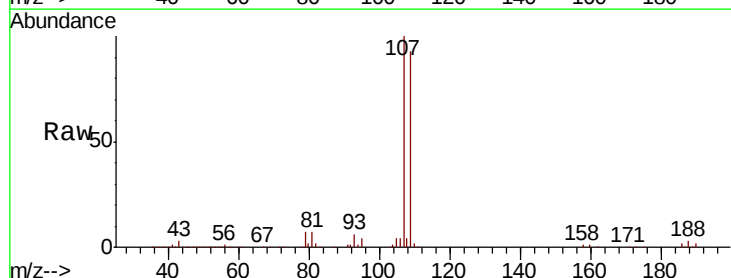
Acq: 01 Apr 2019 17:20

Tgt Ion:107 Resp: 118744

Ion Ratio Lower Upper

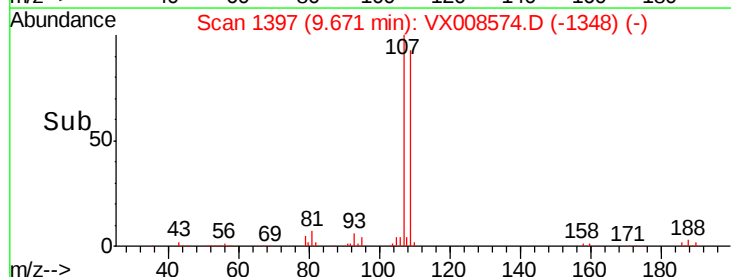
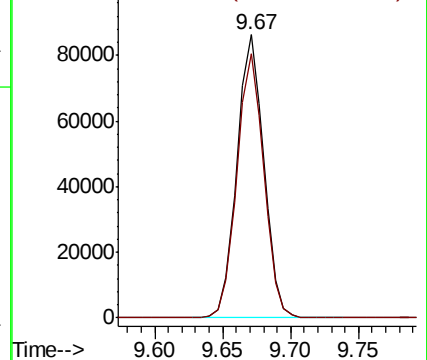
107 100

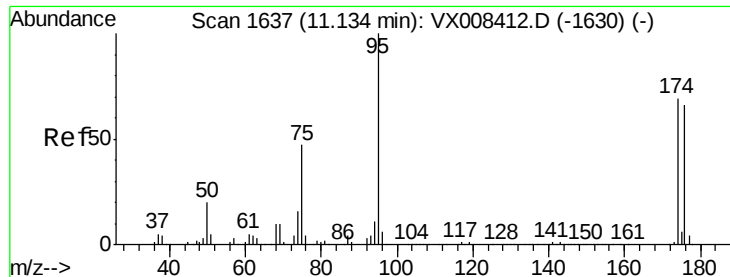
109 93.6 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

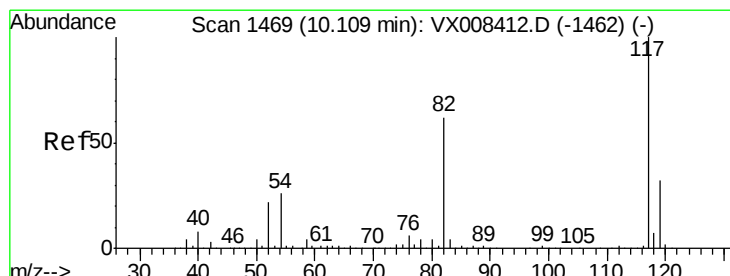
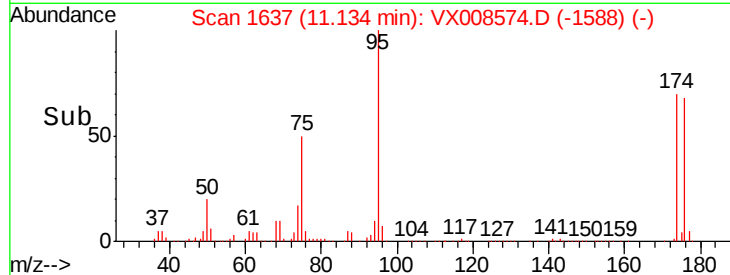
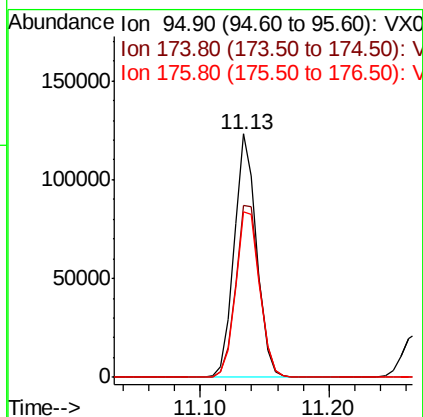
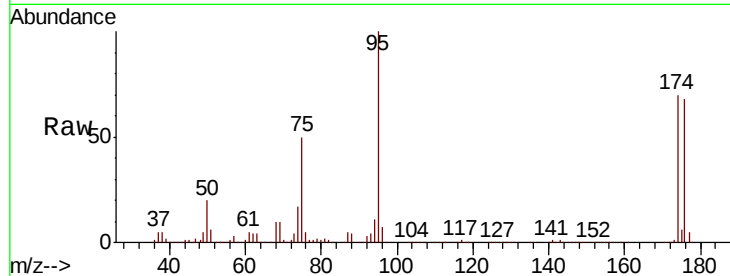




#62
 4-Bromofluorobenzene
 Concen: 50.345 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX008574.D
 Acq: 01 Apr 2019 17:20

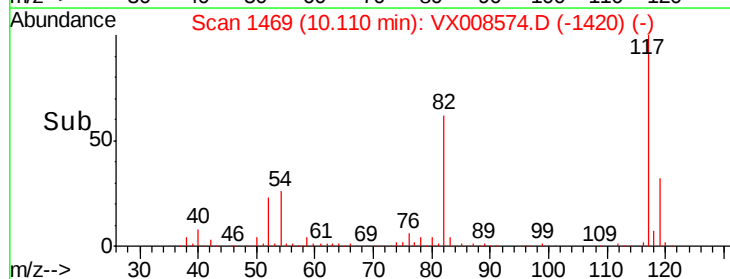
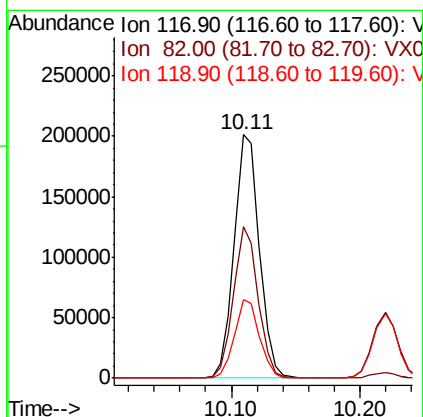
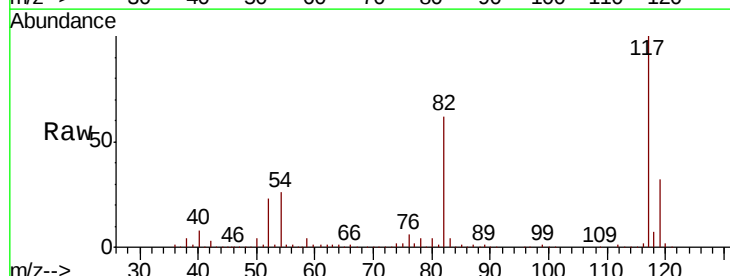
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201R-GW-818-820MSD

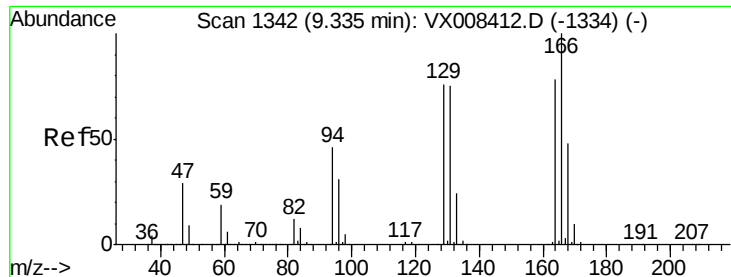
Tot Ion: 95 Resp: 149090
 Ion Ratio Lower Upper
 95 100
 174 75.6 0.0 147.2
 176 72.8 0.0 142.4



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VX008574.D
 Acq: 01 Apr 2019 17:20

Tgt Ion: 117 Resp: 275439
 Ion Ratio Lower Upper
 117 100
 82 62.4 49.4 74.2
 119 32.5 25.4 38.0

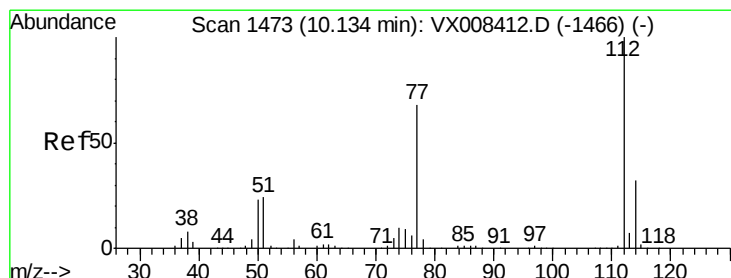
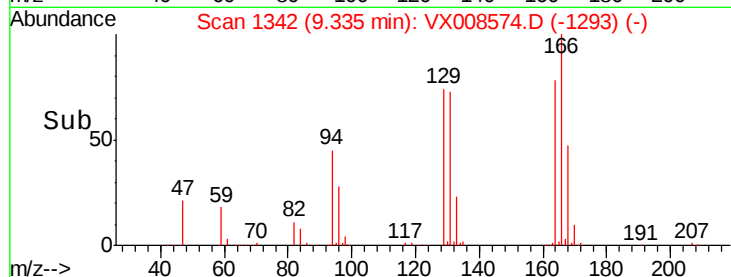
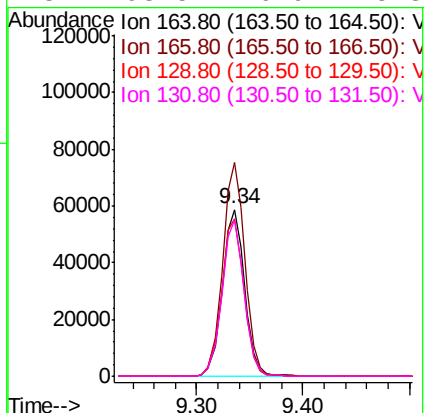
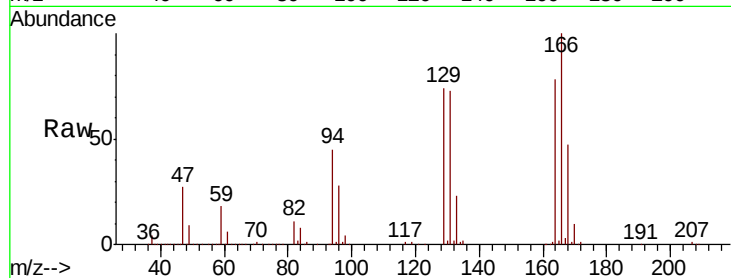




#64
Tetrachloroethene
Concen: 45.559 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

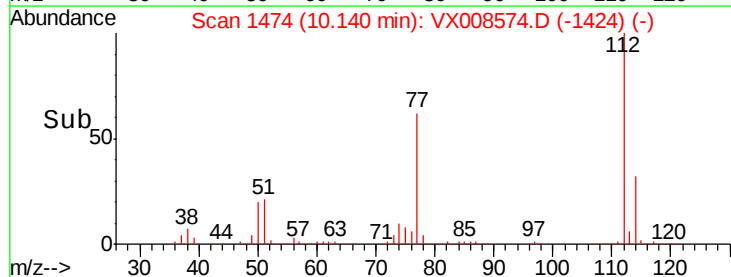
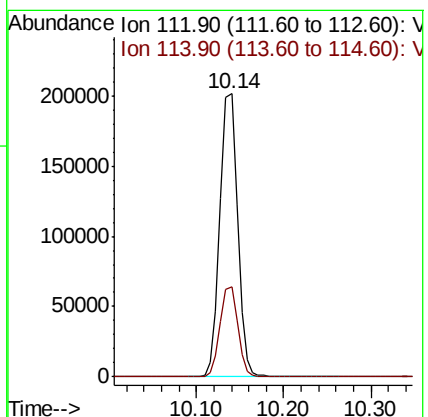
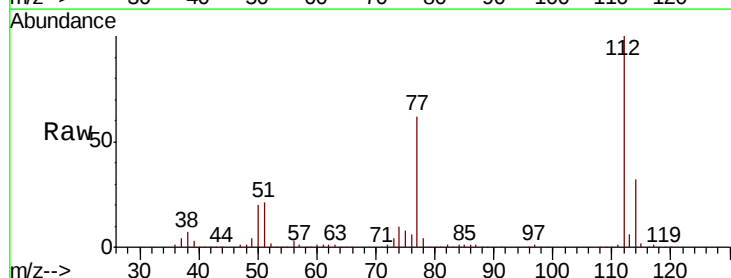
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201R-GW-818-820MSD

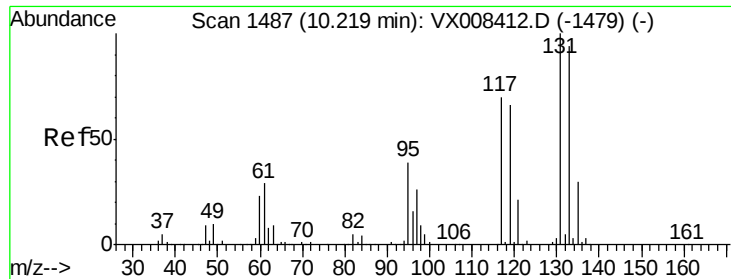
Tot Ion:164 Resp: 84954
Ion Ratio Lower Upper
164 100
166 128.2 102.5 153.7
129 94.2 77.8 116.8
131 93.5 76.9 115.3



#65
Chlorobenzene
Concen: 47.282 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

Tgt Ion:112 Resp: 283215
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2

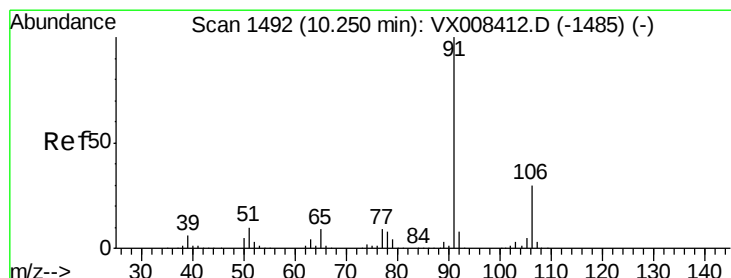
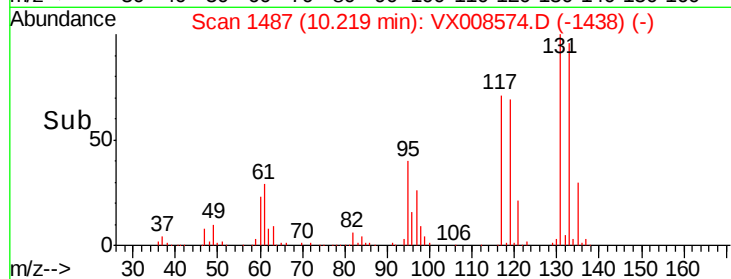
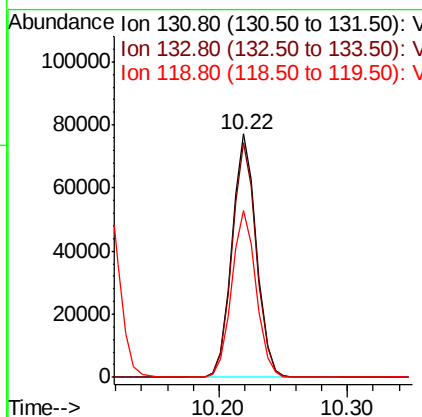
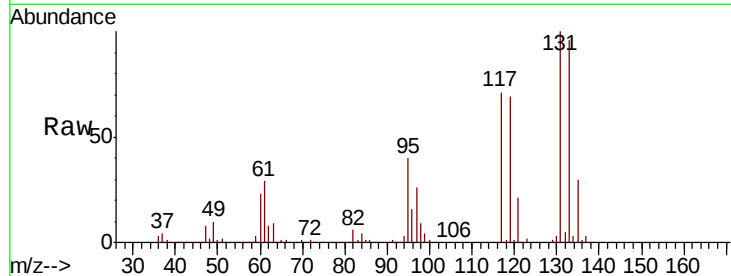




#66
 1,1,1,2-Tetrachloroethane
 Concen: 49.474 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX008574.D
 Acq: 01 Apr 2019 17:20

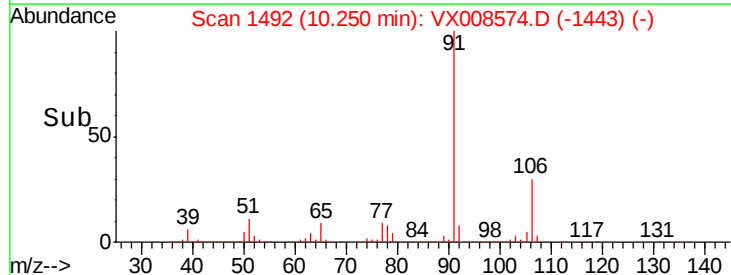
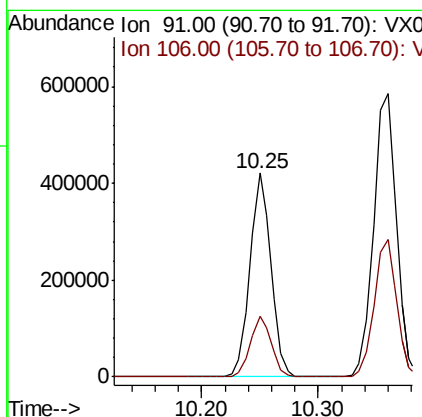
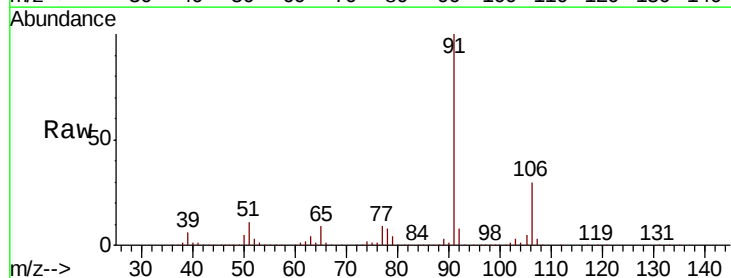
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201R-GW-818-820MSD

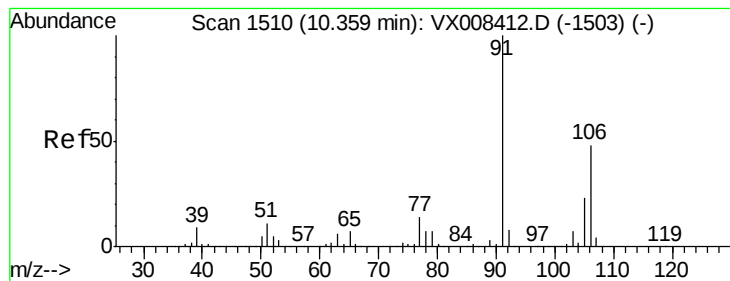
Tot Ion:131 Resp: 102242
 Ion Ratio Lower Upper
 131 100
 133 96.1 47.3 141.8
 119 68.8 33.6 100.6



#67
 Ethyl Benzene
 Concen: 46.978 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX008574.D
 Acq: 01 Apr 2019 17:20

Tgt Ion: 91 Resp: 531075
 Ion Ratio Lower Upper
 91 100
 106 29.5 24.0 36.0





#68

m/p-Xylenes

Concen: 92.836 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

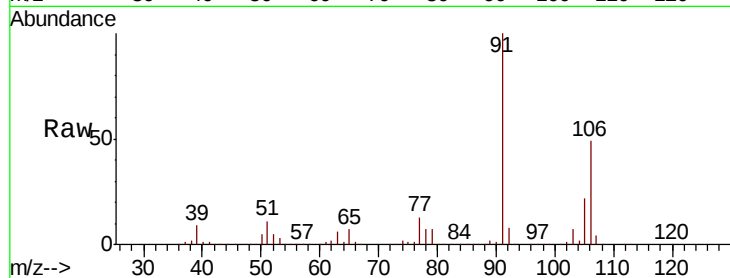
BP-VPB201R-GW-818-820MSD

Tot Ion:106 Resp: 381800

Ion Ratio Lower Upper

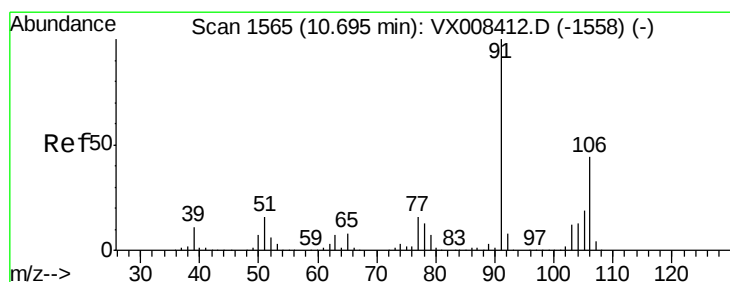
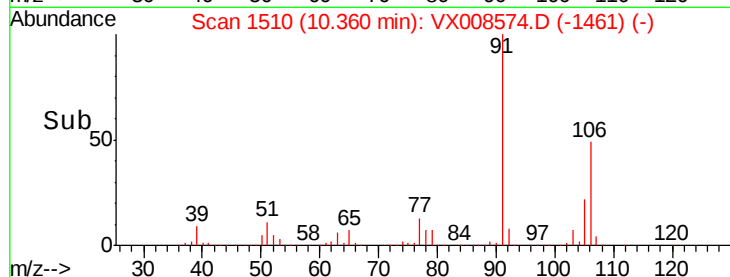
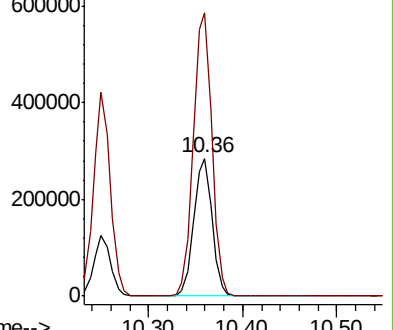
106 100

91 209.2 168.6 253.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 47.233 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VX008574.D

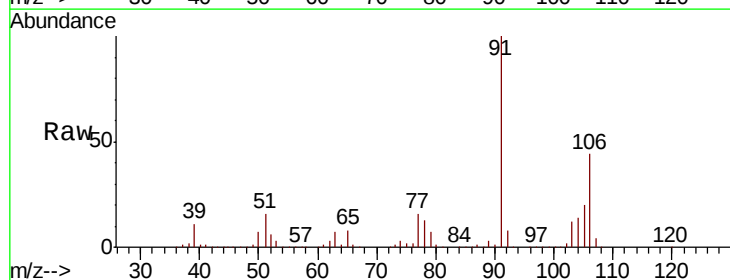
Acq: 01 Apr 2019 17:20

Tgt Ion:106 Resp: 188509

Ion Ratio Lower Upper

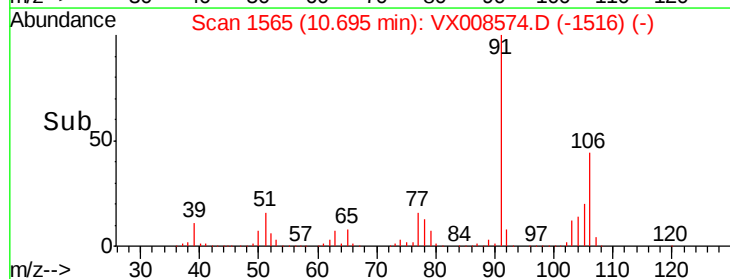
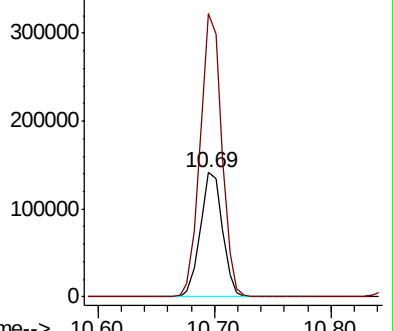
106 100

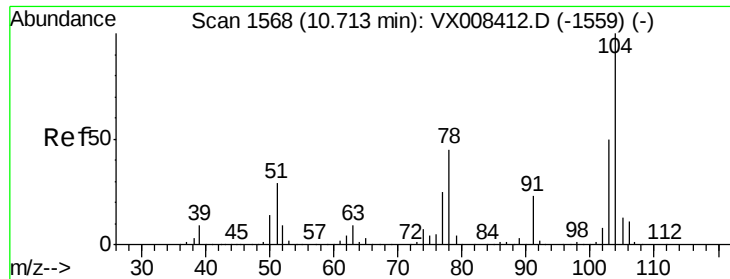
91 221.9 111.4 334.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

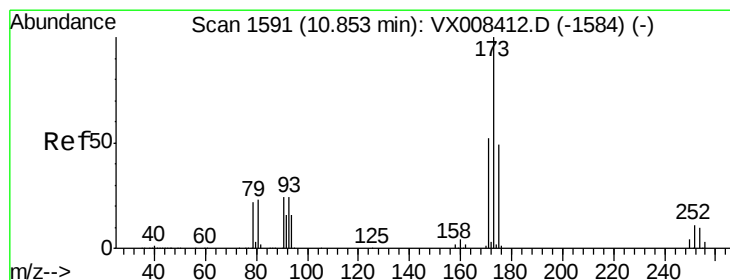
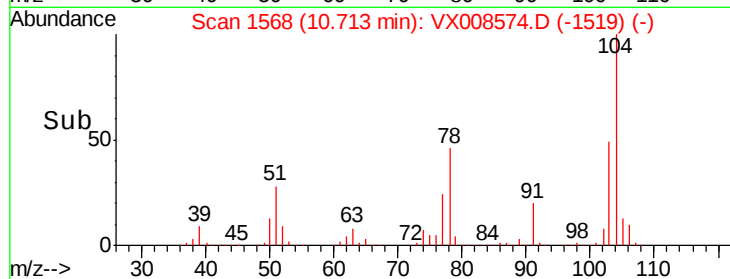
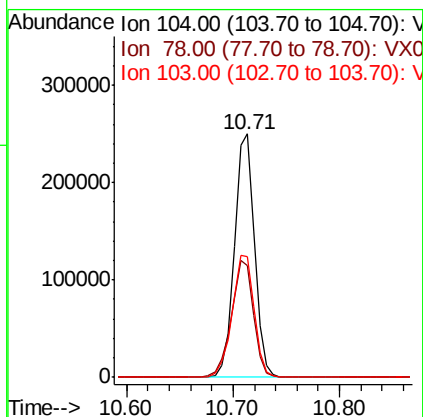
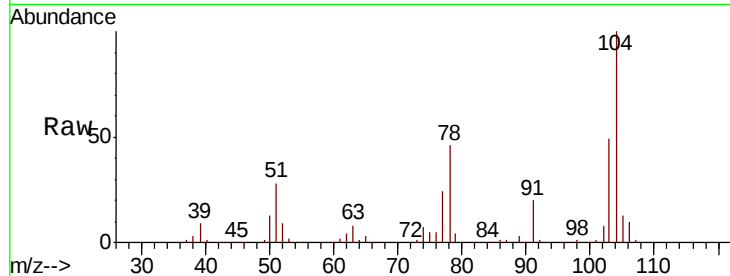




#70
Stvrene
Concen: 48.028 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

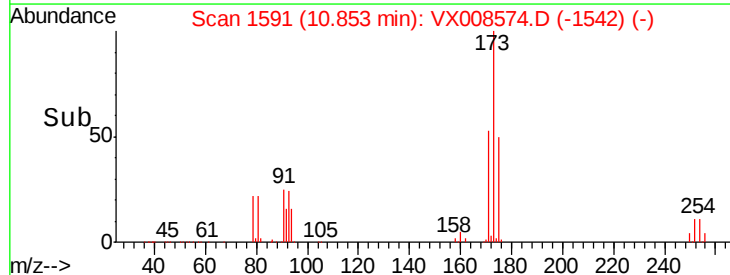
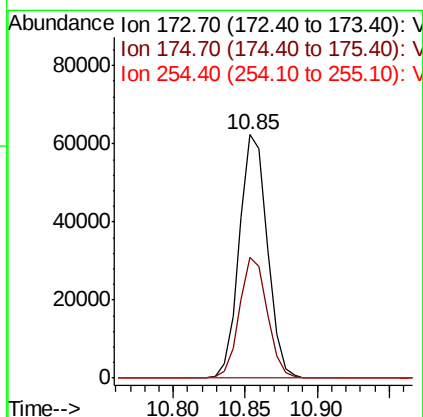
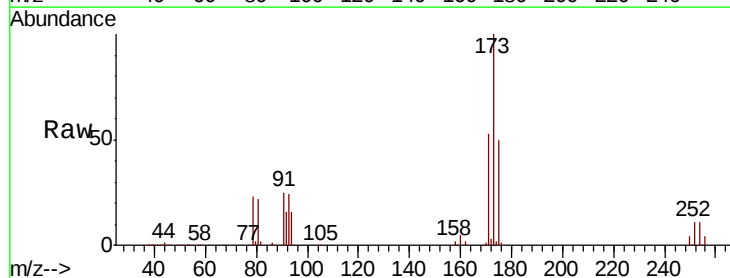
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201R-GW-818-820MSD

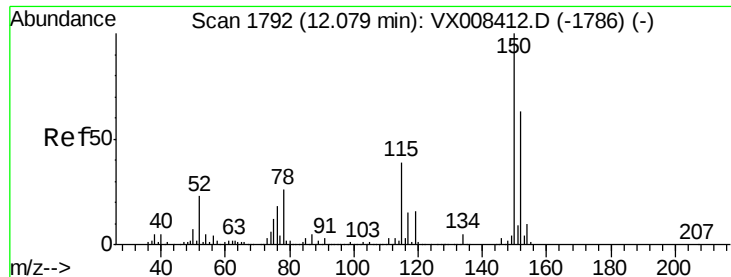
Tot Ion:104 Resp: 331103
Ion Ratio Lower Upper
104 100
78 52.6 42.5 63.7
103 55.2 44.2 66.4



#71
Bromoform
Concen: 51.506 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

Tgt Ion:173 Resp: 84061
Ion Ratio Lower Upper
173 100
175 49.1 24.3 72.8
254 0.1 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201R-GW-818-820MSD

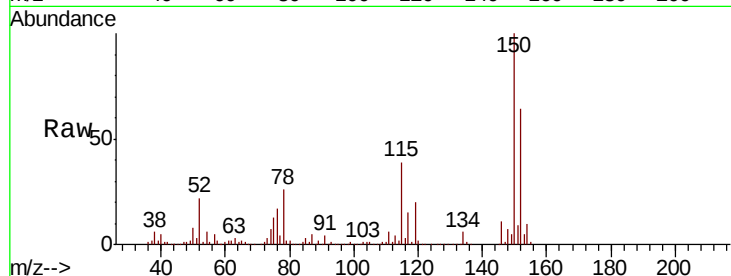
Tot Ion:152 Resp: 130381

Ion Ratio Lower Upper

152 100

115 84.2 43.5 130.5

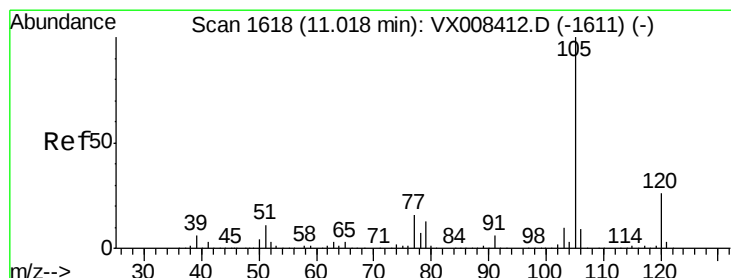
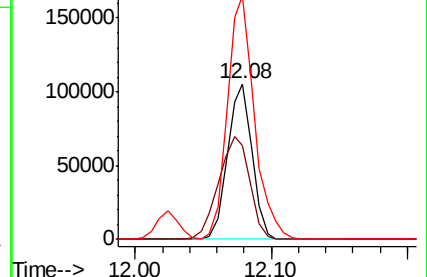
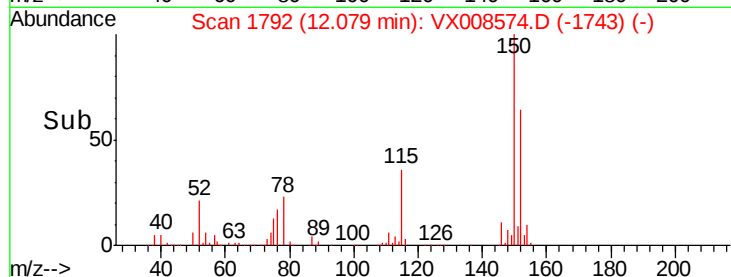
150 172.9 0.0 348.8



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: 46.979 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008574.D

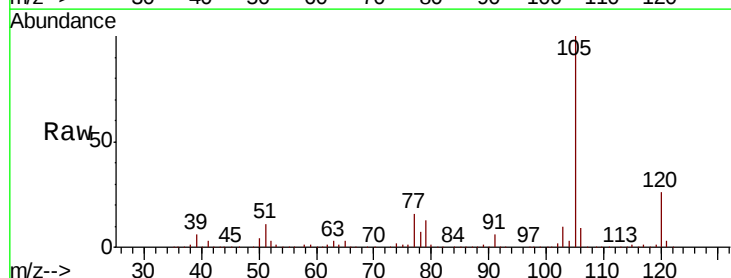
Acq: 01 Apr 2019 17:20

Tgt Ion:105 Resp: 498314

Ion Ratio Lower Upper

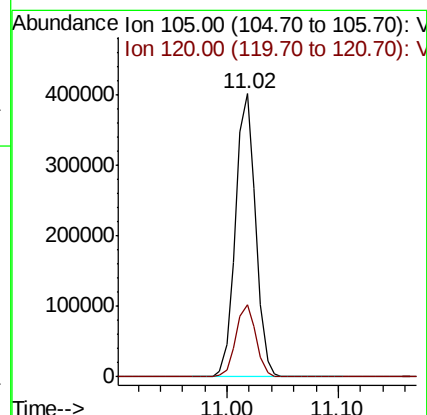
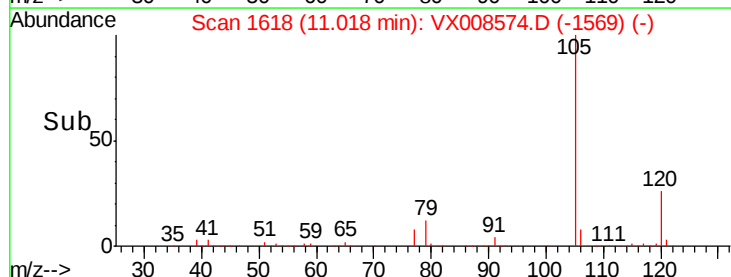
105 100

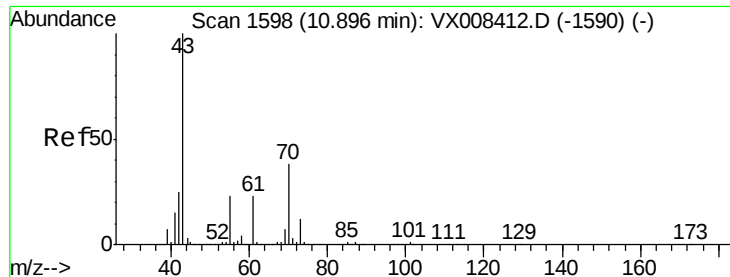
120 25.6 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 49.282 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

Instrument :

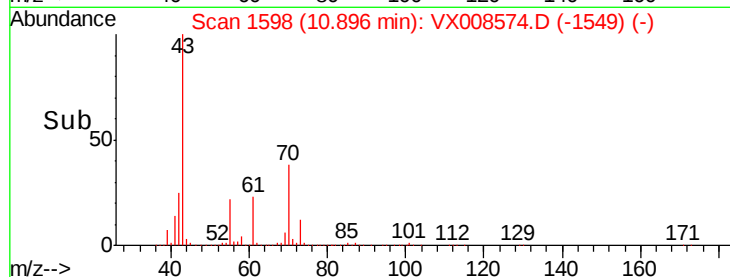
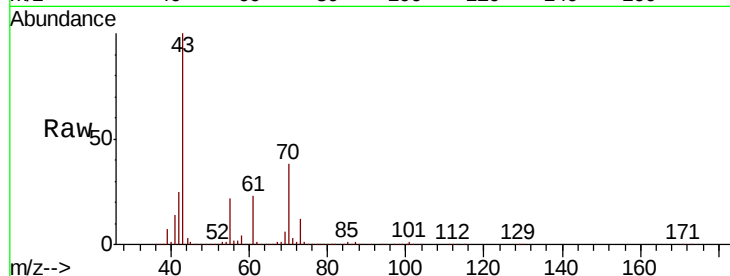
MSVOA_X

ClientSampleId :

BP-VPB201R-GW-818-820MSD

Tot Ion: 43 Resp: 302567

Ion	Ratio	Lower	Upper
43	100		
70	38.3	30.5	45.7
55	22.9	18.2	27.2
61	22.9	18.4	27.6

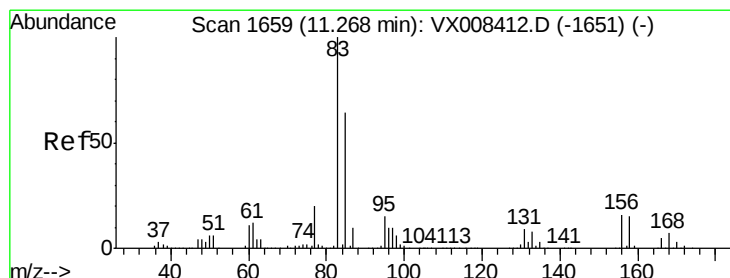


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 47.657 ug/l

RT: 11.27 min Scan# 1659

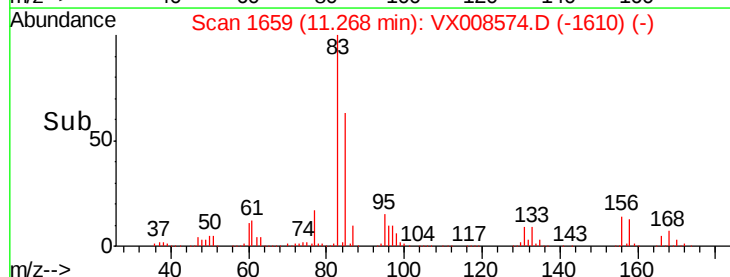
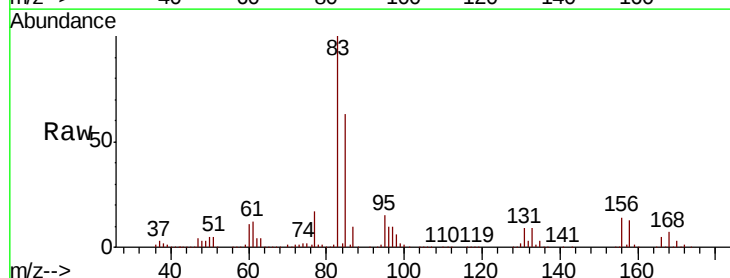
Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

Tgt Ion: 83 Resp: 196134

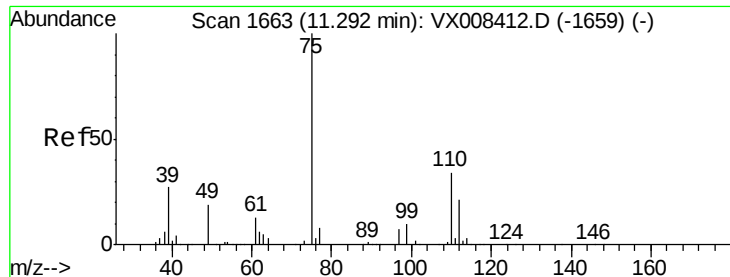
Ion	Ratio	Lower	Upper
83	100		
131	9.0	4.5	13.4
85	63.3	31.9	95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

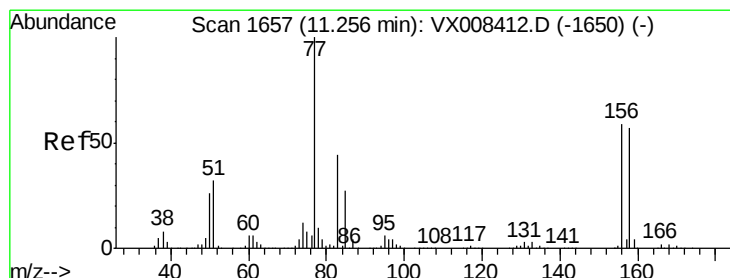
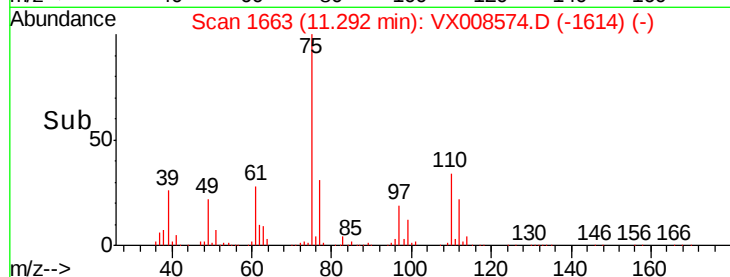
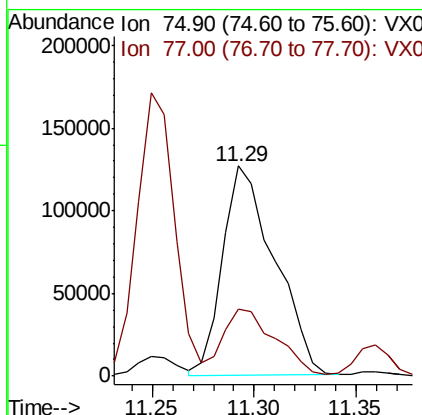
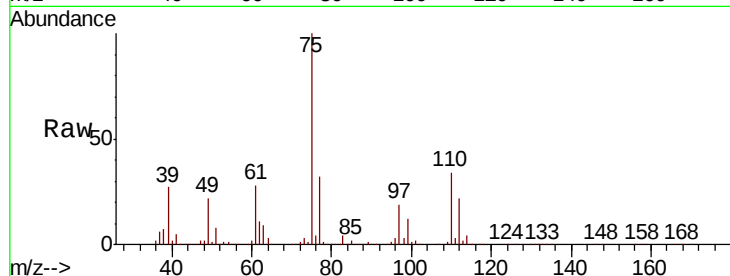
Ion 84.90 (84.60 to 85.60): VX0



#76
 1,2,3-Trichloropropane
 Concen: 57.696 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX008574.D
 Acq: 01 Apr 2019 17:20

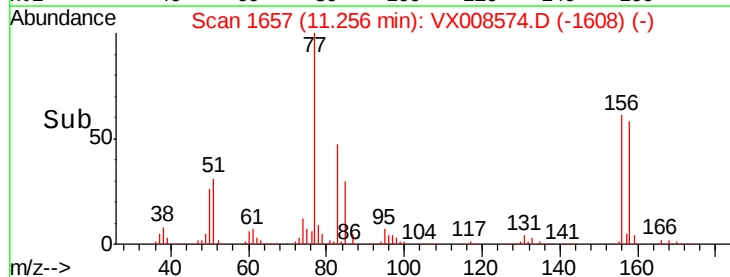
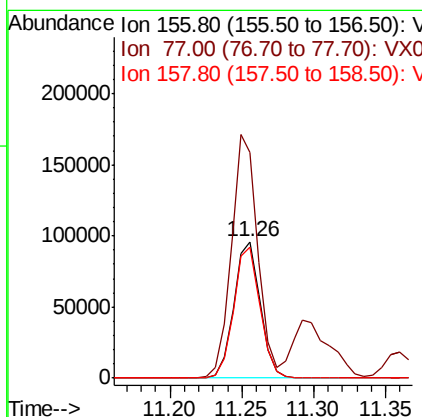
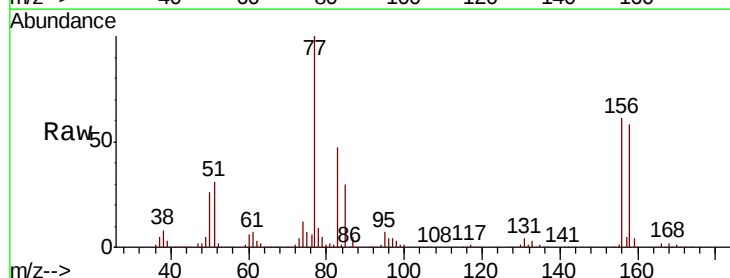
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201R-GW-818-820MSD

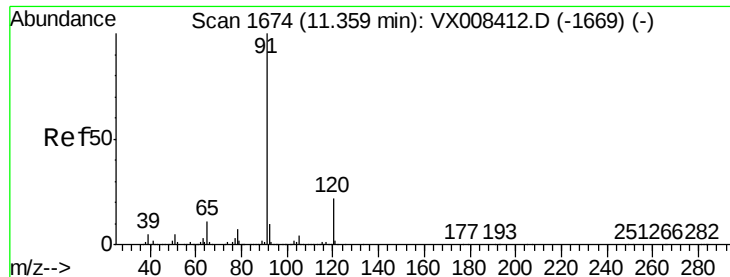
Tot Ion: 75 Resp: 223638
 Ion Ratio Lower Upper
 75 100
 77 32.4 21.9 65.7



#77
 Bromobenzene
 Concen: 47.578 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VX008574.D
 Acq: 01 Apr 2019 17:20

Tgt Ion: 156 Resp: 122483
 Ion Ratio Lower Upper
 156 100
 77 178.4 91.1 273.3
 158 96.1 48.3 144.8

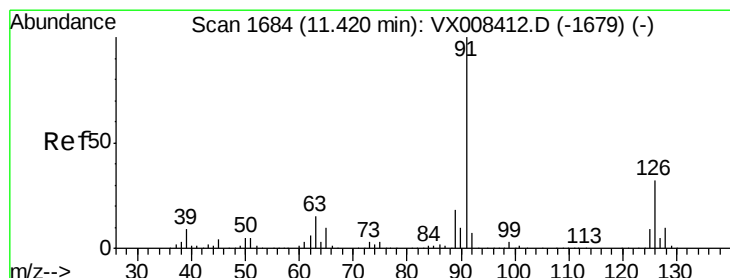
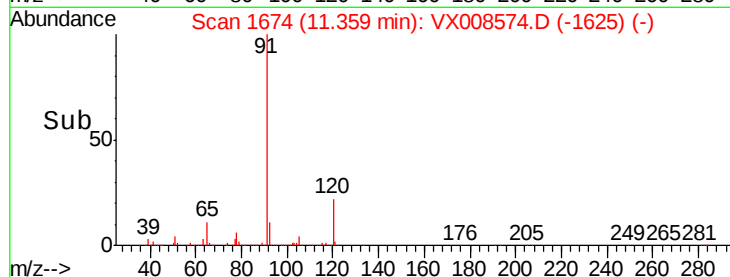
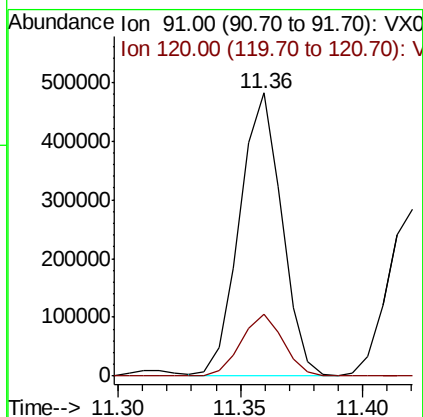
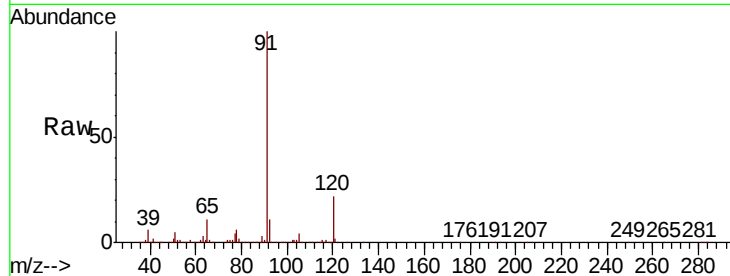




#78
n-propylbenzene
Concen: 46.404 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

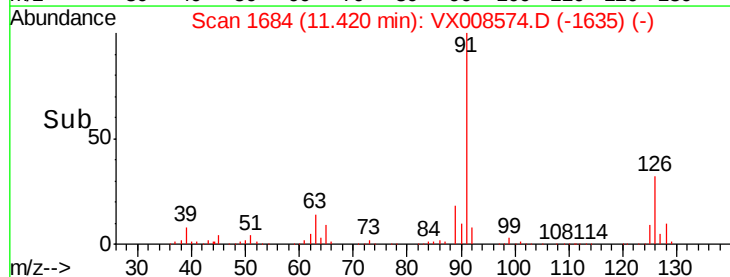
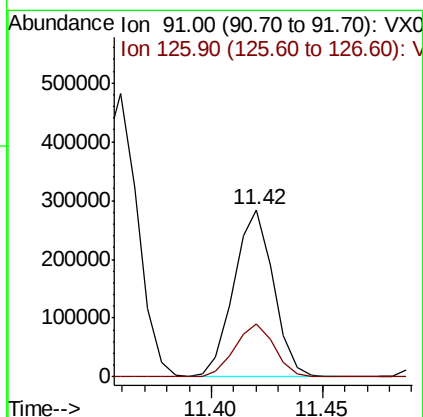
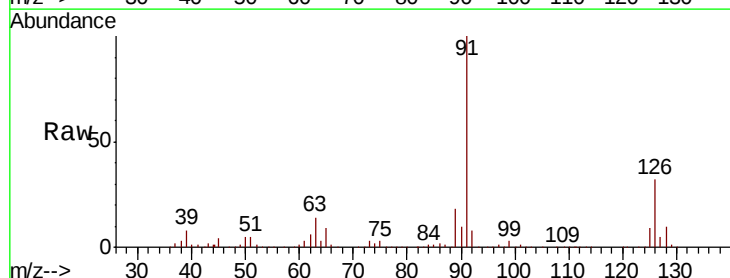
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201R-GW-818-820MSD

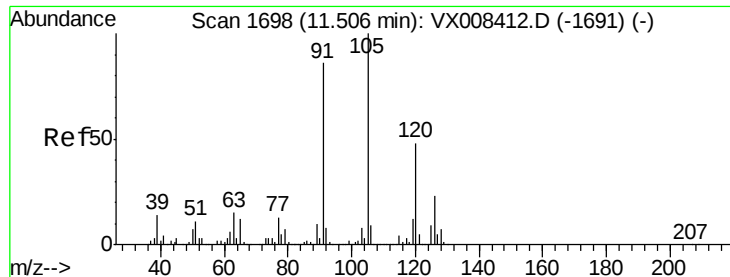
Tot Ion: 91 Resp: 576594
Ion Ratio Lower Upper
91 100
120 22.0 10.8 32.4



#79
2-Chlorotoluene
Concen: 46.412 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

Tgt Ion: 91 Resp: 350765
Ion Ratio Lower Upper
91 100
126 31.8 15.7 47.1

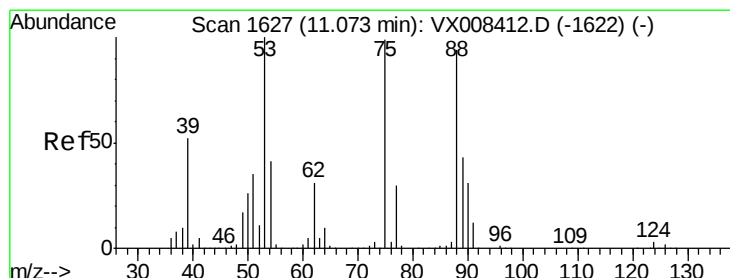
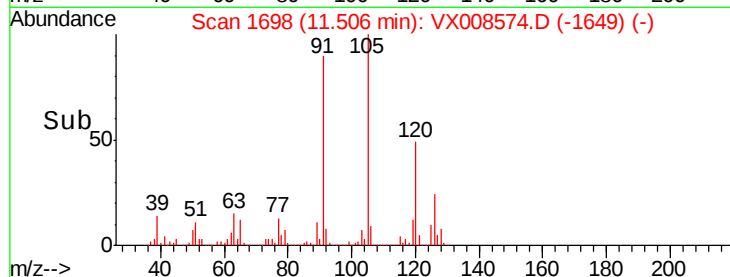
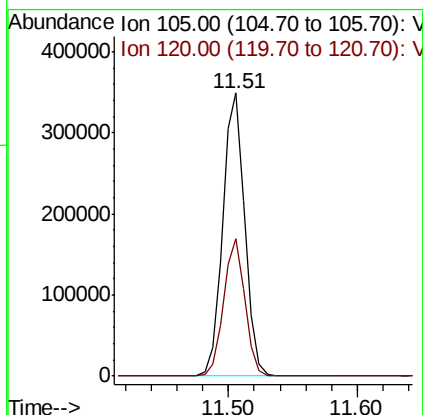
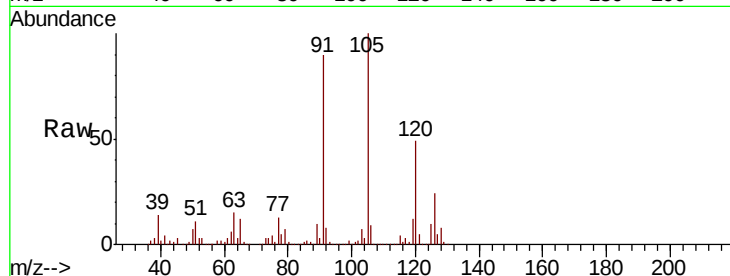




#80
 1,3,5-Trimethylbenzene
 Concen: 46.681 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX008574.D
 Acq: 01 Apr 2019 17:20

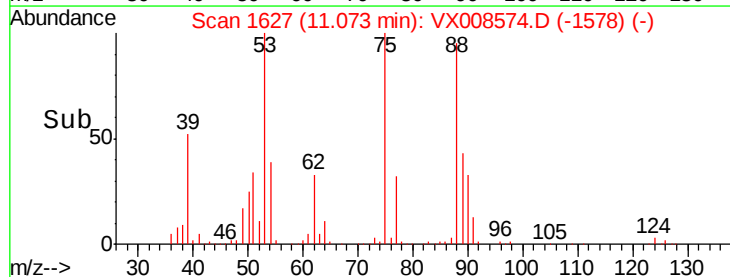
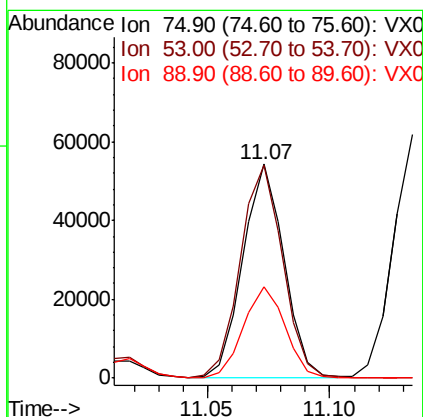
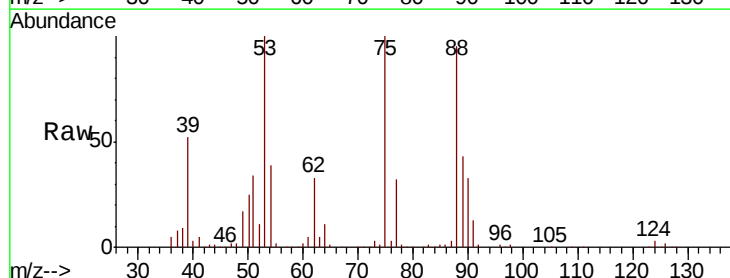
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201R-GW-818-820MSD

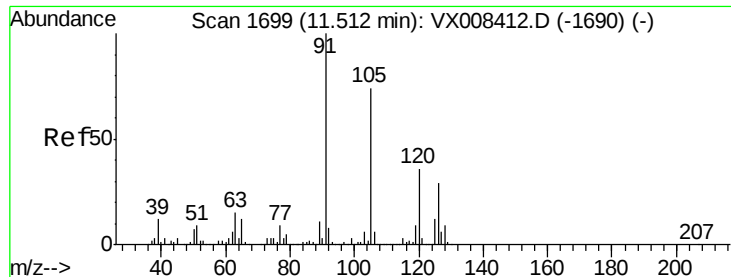
Tot Ion:105 Resp: 418614
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.4 70.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.814 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX008574.D
 Acq: 01 Apr 2019 17:20

Tgt Ion: 75 Resp: 63916
 Ion Ratio Lower Upper
 75 100
 53 102.0 82.1 123.1
 89 43.0 34.6 52.0

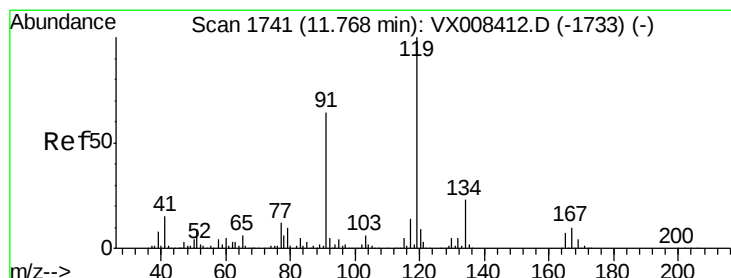
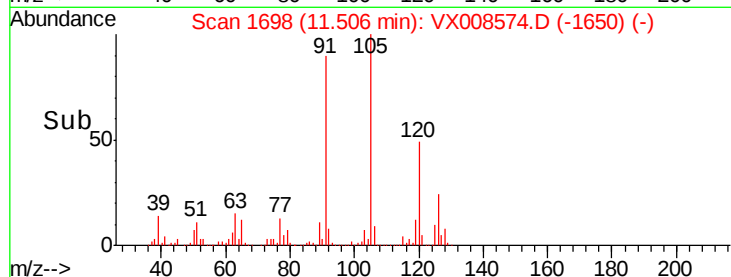
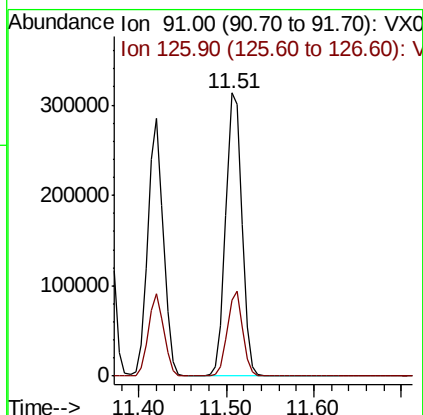
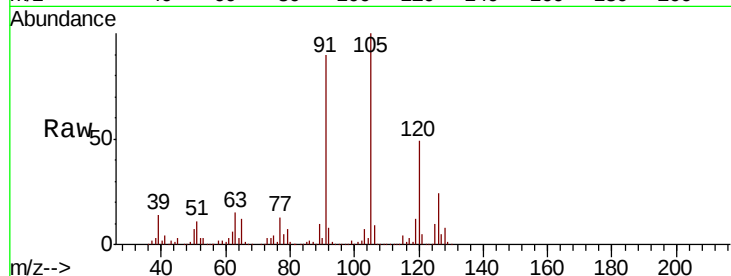




#82
4-Chlorotoluene
Concen: 46.107 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

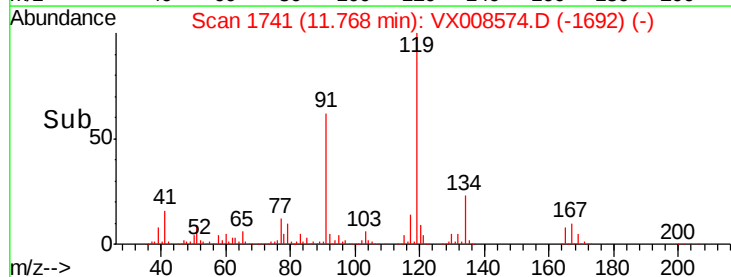
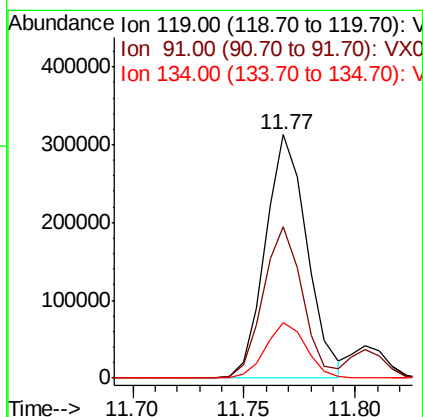
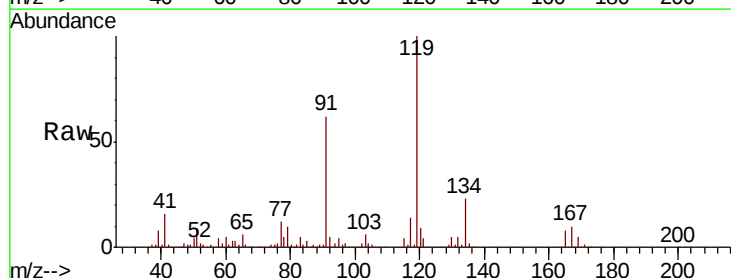
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201R-GW-818-820MSD

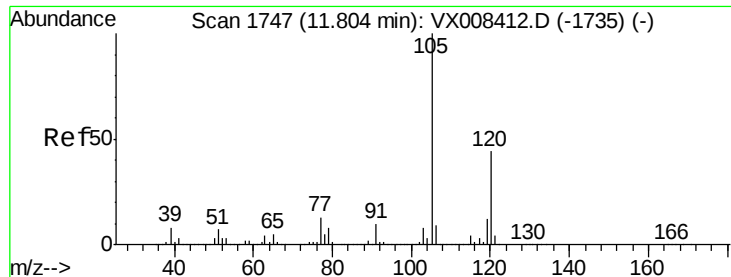
Tot Ion: 91 Resp: 401952
Ion Ratio Lower Upper
91 100
126 28.2 13.9 41.7



#83
tert-Butylbenzene
Concen: 46.962 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

Tgt Ion: 119 Resp: 406309
Ion Ratio Lower Upper
119 100
91 59.4 30.1 90.3
134 22.1 10.9 32.9

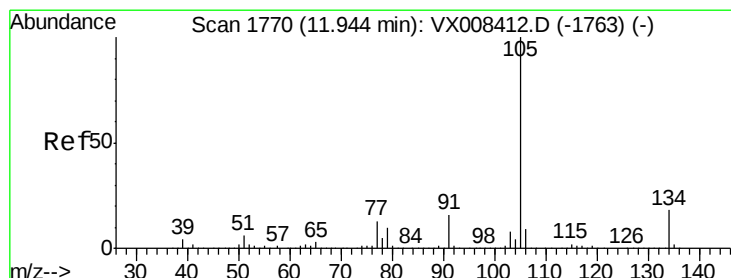
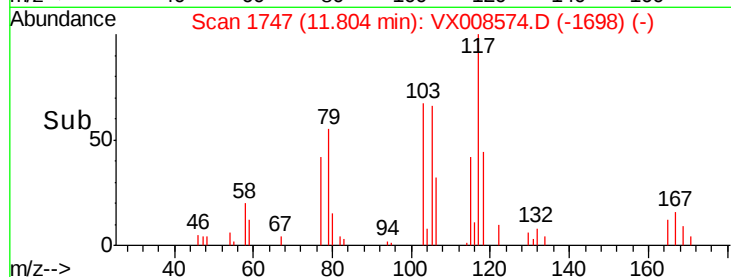
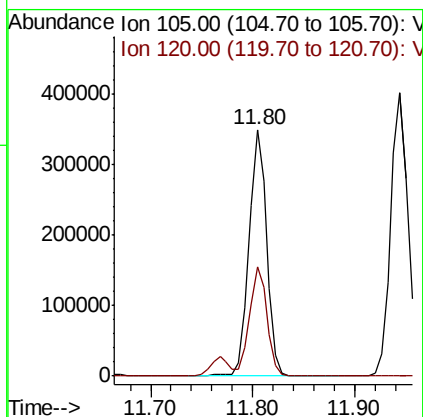
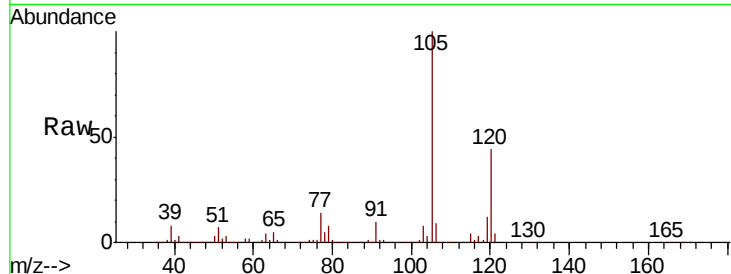




#84
 1,2,4-Trimethylbenzene
 Concen: 46.620 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008574.D
 Acq: 01 Apr 2019 17:20

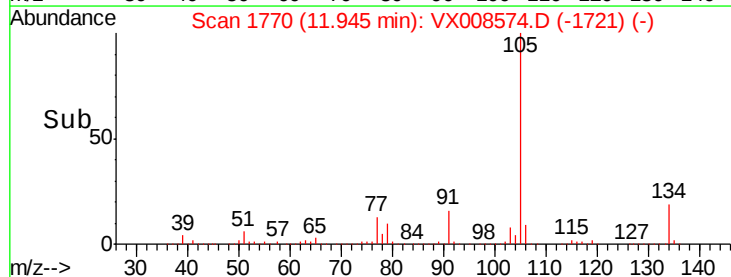
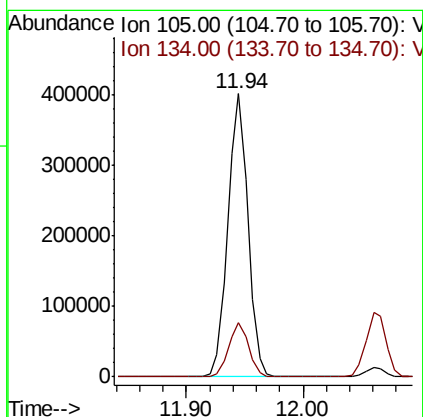
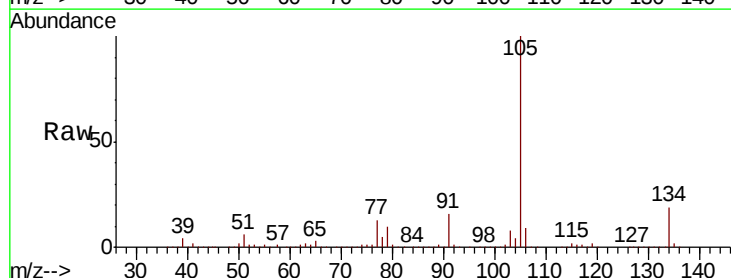
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201R-GW-818-820MSD

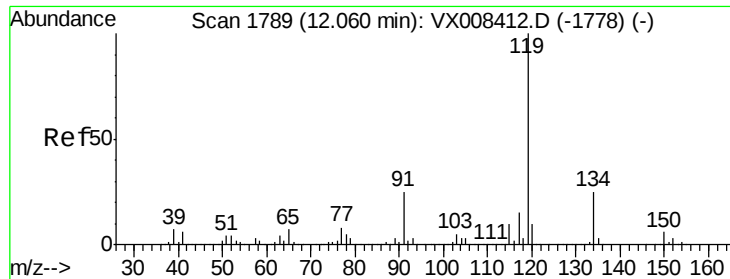
Tot Ion:105 Resp: 422853
 Ion Ratio Lower Upper
 105 100
 120 44.2 21.6 65.0



#85
 sec-Butylbenzene
 Concen: 46.482 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX008574.D
 Acq: 01 Apr 2019 17:20

Tgt Ion:105 Resp: 478908
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.3 28.0





#86

p-Isopropyltoluene

Concen: 47.375 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201R-GW-818-820MSD

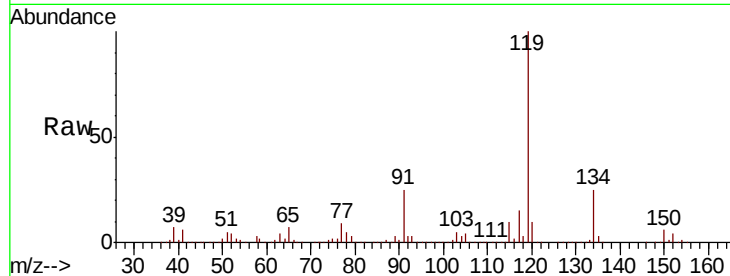
Tot Ion:119 Resp: 430700

Ion Ratio Lower Upper

119 100

134 25.6 12.8 38.4

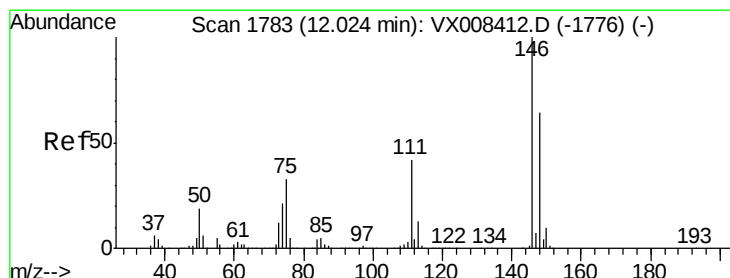
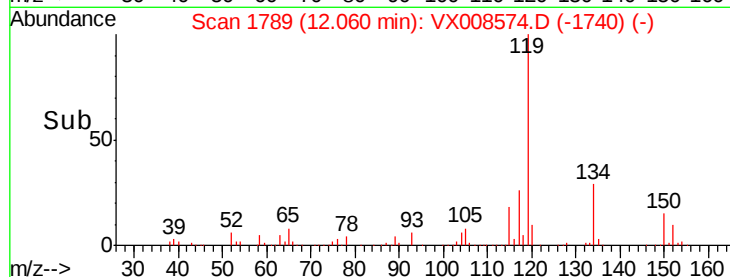
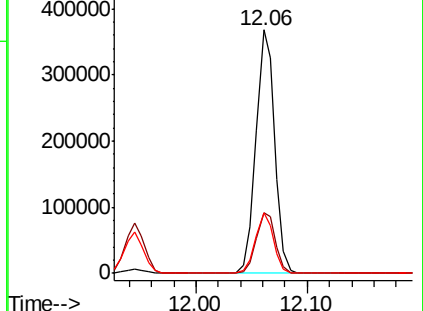
91 24.2 12.4 37.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 46.335 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

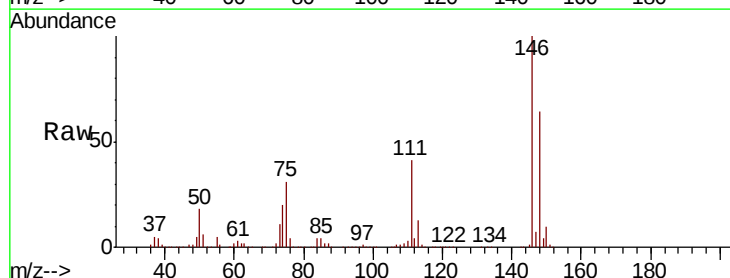
Tgt Ion:146 Resp: 213122

Ion Ratio Lower Upper

146 100

111 41.1 20.8 62.5

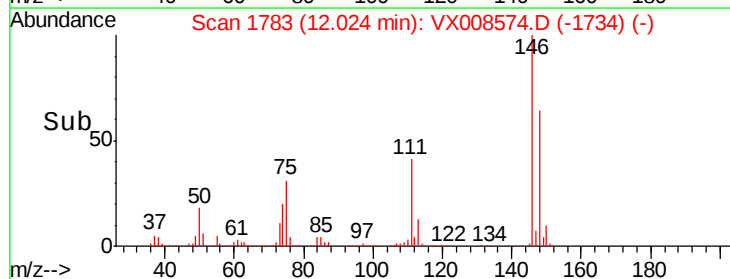
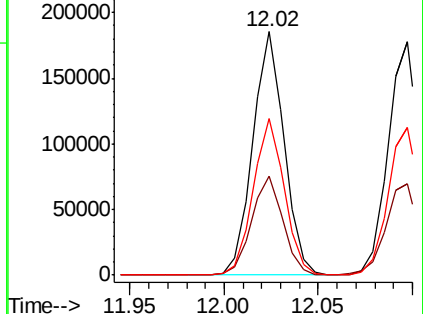
148 63.9 32.0 96.0

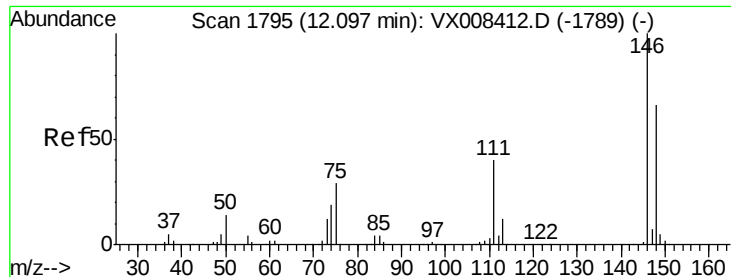


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 45.790 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201R-GW-818-820MSD

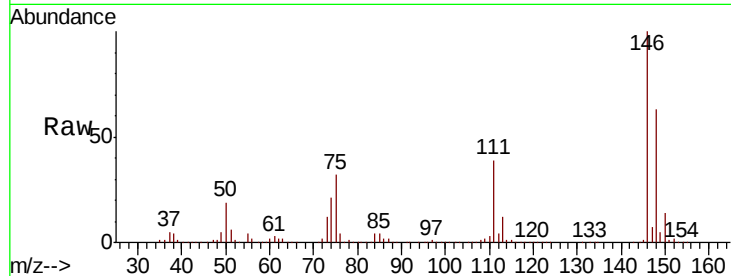
Tot Ion:146 Resp: 212561

Ion Ratio Lower Upper

146 100

111 40.6 20.3 61.0

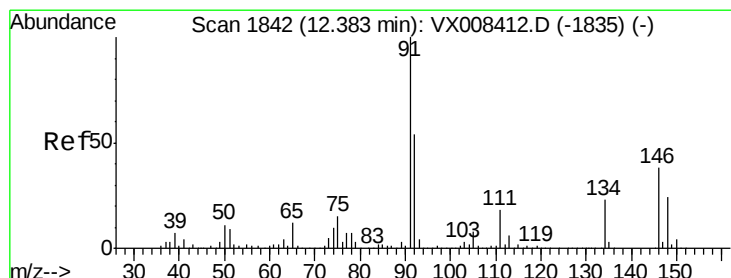
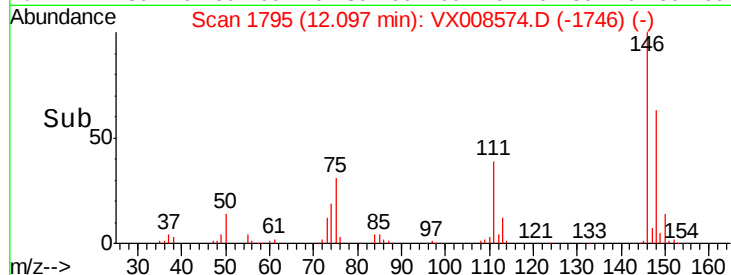
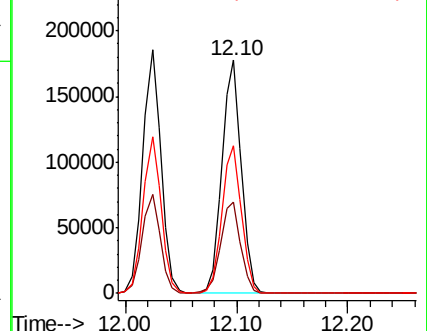
148 64.1 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 46.434 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

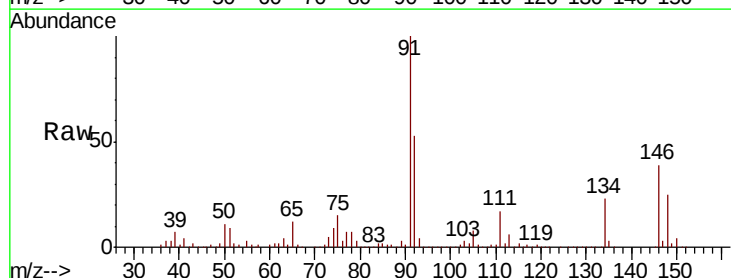
Tgt Ion: 91 Resp: 399899

Ion Ratio Lower Upper

91 100

92 53.0 26.5 79.5

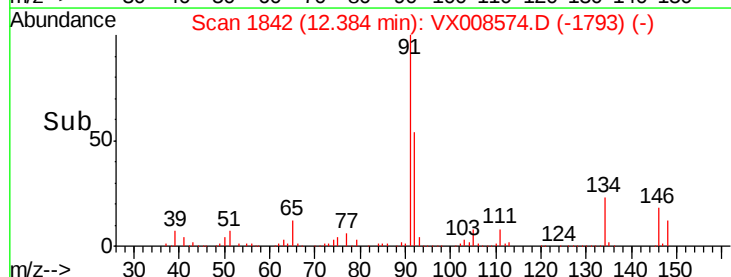
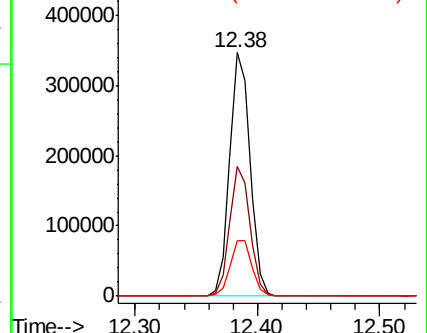
134 24.2 11.8 35.4

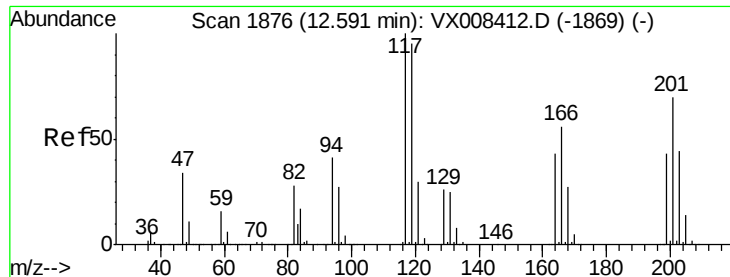


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

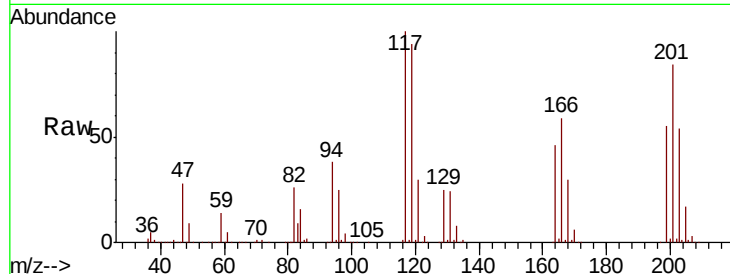




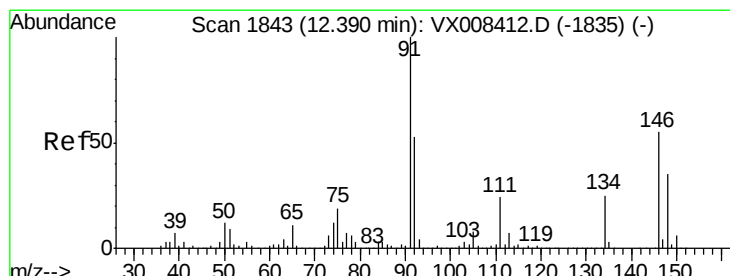
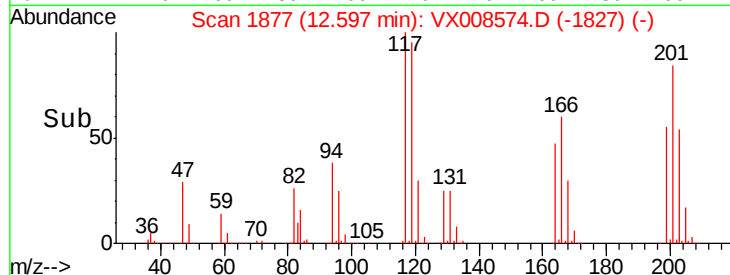
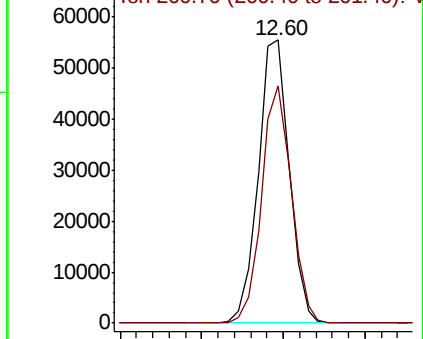
#90
Hexachloroethane
Concen: 48.354 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201R-GW-818-820MSD

Tot Ion:117 Resp: 73237
Ion Ratio Lower Upper
117 100
201 80.3 39.4 118.1

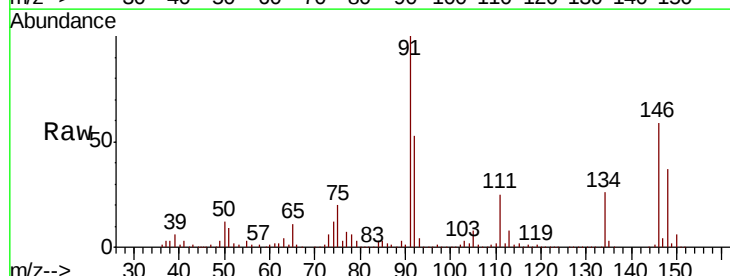


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

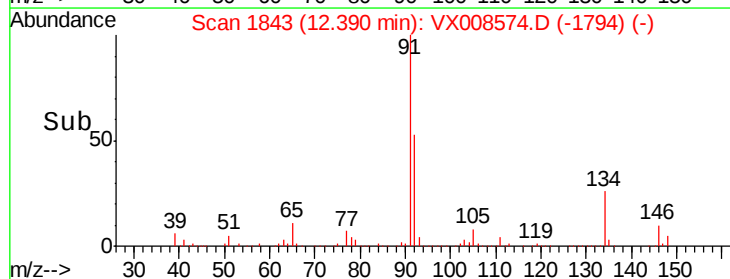
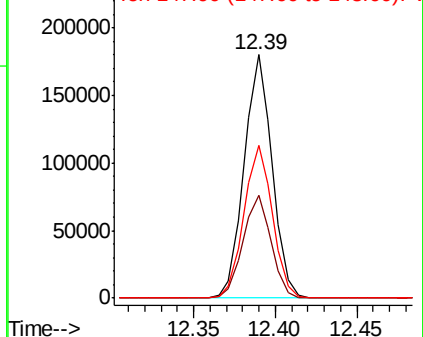


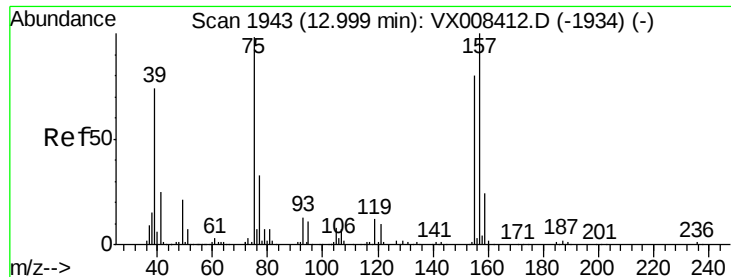
#91
1,2-Dichlorobenzene
Concen: 46.757 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

Tgt Ion:146 Resp: 215368
Ion Ratio Lower Upper
146 100
111 42.5 21.6 64.6
148 64.0 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 48.852 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201R-GW-818-820MSD

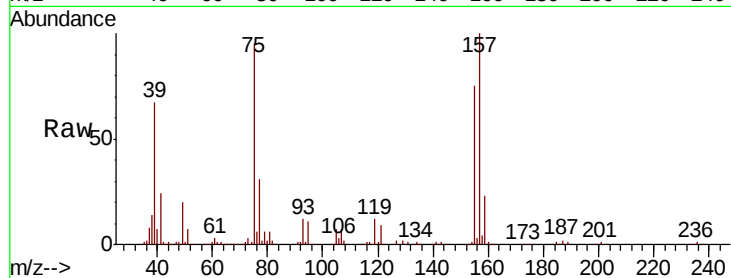
Tot Ion: 75 Resp: 43838

Ion	Ratio	Lower	Upper
75	100		
155	78.9	39.5	118.5
157	100.9	49.9	149.7

75 100

155 78.9 39.5 118.5

157 100.9 49.9 149.7

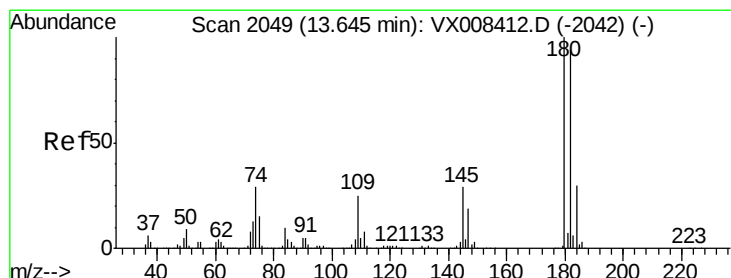
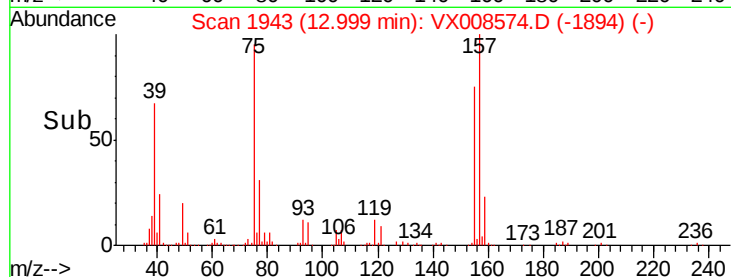
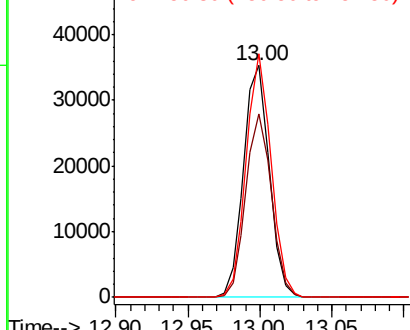


Abundance

Ion 74.90 (74.60 to 75.60): VX008574.D (-1934) (-)

Ion 154.80 (154.50 to 155.50): VX008574.D (-1934) (-)

Ion 156.80 (156.50 to 157.50): VX008574.D (-1934) (-)



#93

1,2,4-Trichlorobenzene

Concen: 47.002 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

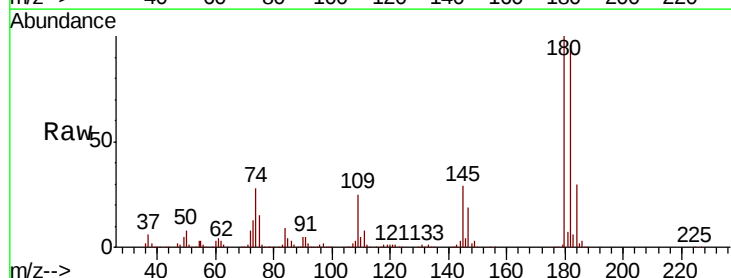
Tgt Ion: 180 Resp: 145760

Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.3	142.0
145	29.9	15.3	45.8

180 100

182 95.7 47.3 142.0

145 29.9 15.3 45.8

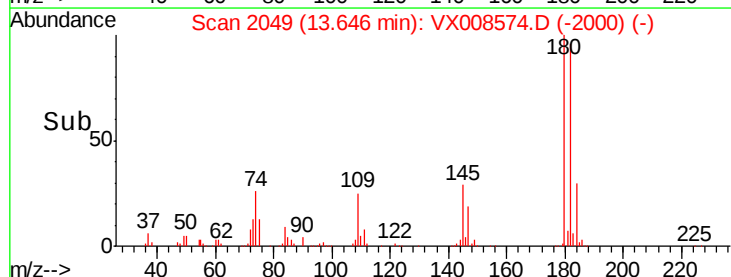
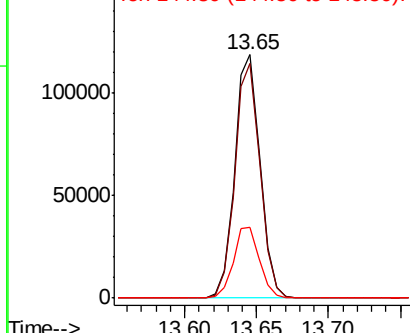


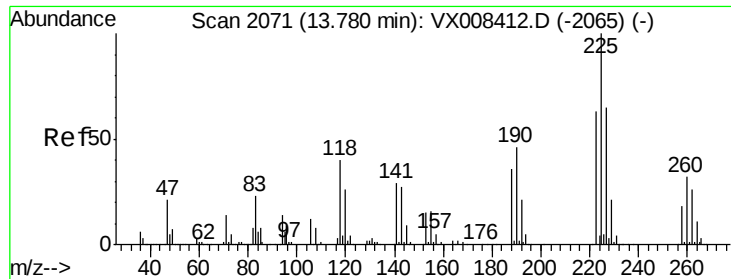
Abundance

Ion 179.80 (179.50 to 180.50): VX008574.D (-2042) (-)

Ion 181.80 (181.50 to 182.50): VX008574.D (-2042) (-)

Ion 144.80 (144.50 to 145.50): VX008574.D (-2042) (-)





#94

Hexachlorobutadiene

Concen: 46.433 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201R-GW-818-820MSD

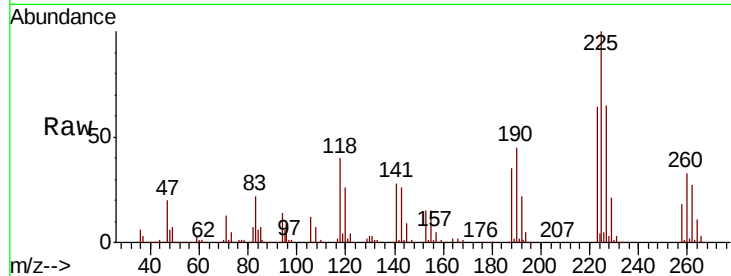
Tot Ion:225 Resp: 68373

Ion Ratio Lower Upper

225 100

223 62.9 31.4 94.0

227 64.4 31.9 95.9

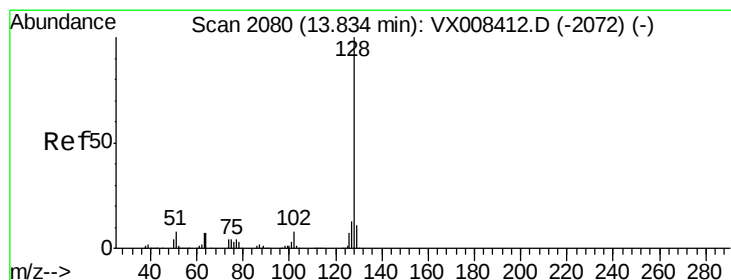
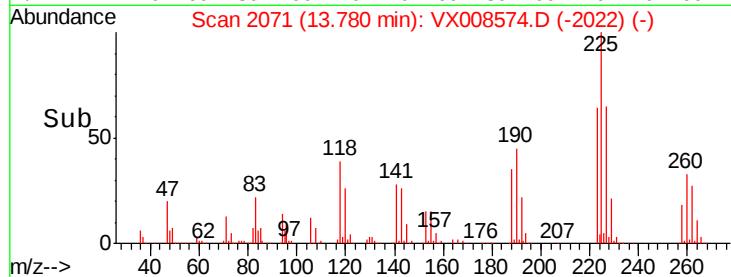
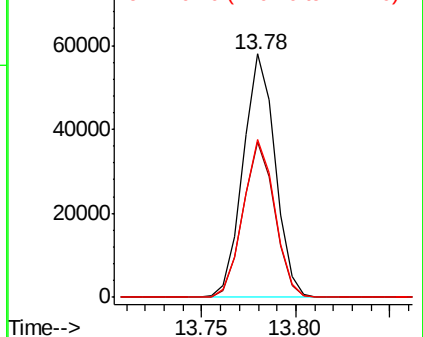


Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 47.978 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

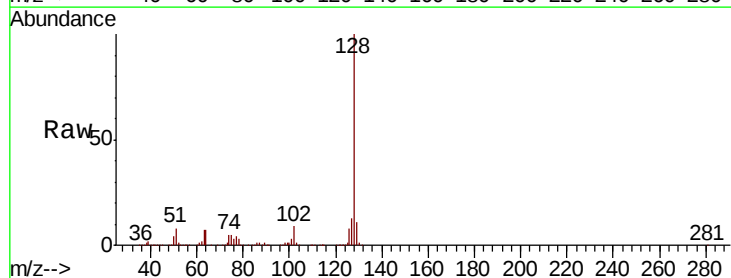
Tgt Ion:128 Resp: 510107

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.9 8.7 13.1

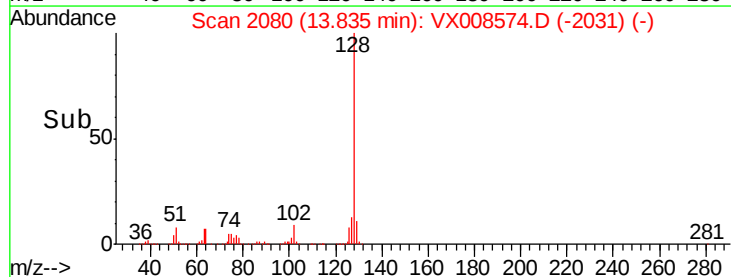
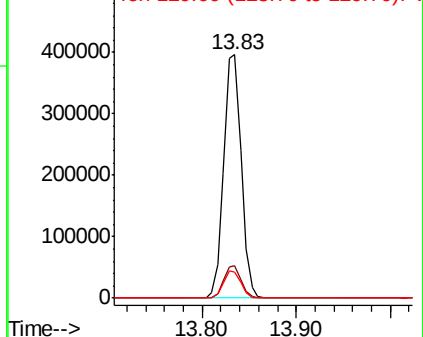


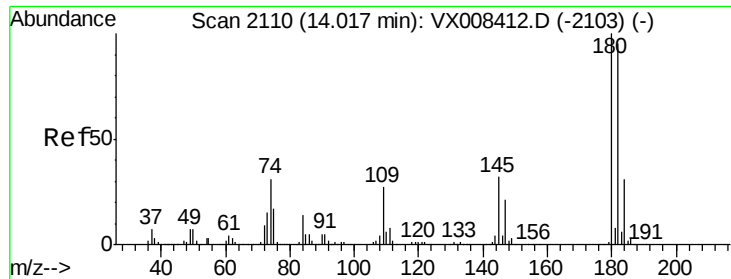
Abundance

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: 47.429 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX008574.D
 Acq: 01 Apr 2019 17:20

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201R-GW-818-820MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.3	142.0
145	32.4	16.2	48.5

