

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080119\
 Data File : VN057046.D
 Acq On : 1 Aug 2019 18:41
 Operator : JC/SP
 Sample : K4097-08MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB203-GW-498-500MSD

Quant Time: Aug 02 05:16:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	468692	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	701575	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	633521	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	262288	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	260272	54.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.50%	
35) Dibromofluoromethane	7.58	113	239858	53.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.82%	
50) Toluene-d8	10.08	98	898470	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	
62) 4-Bromofluorobenzene	12.40	95	293232	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	242265	51.130	ug/l	96
3) Chloromethane	2.05	50	271816	47.907	ug/l	100
4) Vinyl Chloride	2.18	62	258940	48.672	ug/l	99
5) Bromomethane	2.54	94	155916	47.142	ug/l	100
6) Chloroethane	2.69	64	142558	48.609	ug/l	99
7) Trichlorofluoromethane	3.00	101	358190	51.433	ug/l	98
8) Diethyl Ether	3.40	74	134075	51.442	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	205526	47.601	ug/l	99
10) Methyl Iodide	3.94	142	317334	55.003	ug/l	99
11) Tert butyl alcohol	4.77	59	170317	262.633	ug/l	98
12) 1,1-Dichloroethene	3.72	96	208623	50.639	ug/l	98
13) Acrolein	3.59	56	91535	275.413	ug/l	98
14) Allyl chloride	4.31	41	330735	49.353	ug/l	99
15) Acrylonitrile	4.97	53	502019	263.976	ug/l	100
16) Acetone	3.81	43	376881	216.834	ug/l	100
17) Carbon Disulfide	4.04	76	510901	46.670	ug/l	100
18) Methyl Acetate	4.31	43	253123	45.651	ug/l	99
19) Methyl tert-butyl Ether	5.03	73	652960	53.155	ug/l	99
20) Methylene Chloride	4.54	84	242487	48.432	ug/l	98
21) trans-1,2-Dichloroethene	5.02	96	221465	50.616	ug/l	99
22) Diisopropyl ether	5.94	45	698674	50.601	ug/l	99
23) Vinyl Acetate	5.88	43	2274568	237.757	ug/l	98
24) 1,1-Dichloroethane	5.83	63	410502	50.389	ug/l	99
25) 2-Butanone	6.82	43	599741	243.338	ug/l	97
26) 2,2-Dichloropropane	6.81	77	269638	43.529	ug/l	98
27) cis-1,2-Dichloroethene	6.82	96	258951	50.039	ug/l	99
28) Bromochloromethane	7.18	49	192939	50.385	ug/l	96
29) Tetrahydrofuran	7.20	42	413518	257.156	ug/l	98
30) Chloroform	7.36	83	413138	49.600	ug/l	99
31) Cyclohexane	7.64	56	358762	45.509	ug/l	97
32) 1,1,1-Trichloroethane	7.56	97	349598	52.603	ug/l	99
36) 1,1-Dichloropropene	7.78	75	296306	47.998	ug/l	100
37) Ethyl Acetate	6.91	43	236901	47.914	ug/l	99
38) Carbon Tetrachloride	7.76	117	304694	52.179	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	354683	44.953	ug/l	99
40) Benzene	8.03	78	942809	49.585	ug/l	99
41) Methacrylonitrile	7.16	41	110689	48.426	ug/l	97
42) 1,2-Dichloroethane	8.11	62	300444	50.417	ug/l	98
43) Isopropyl Acetate	8.15	43	393688	48.175	ug/l	98
44) Trichloroethene	8.83	130	262930	50.193	ug/l	99
45) 1,2-Dichloropropane	9.11	63	253035	49.753	ug/l	100
46) Dibromomethane	9.20	93	161030	52.502	ug/l	99
47) Bromodichloromethane	9.39	83	320361	53.125	ug/l	98
48) Methyl methacrylate	9.19	41	205430	52.067	ug/l	99
49) 1,4-Dioxane	9.19	88	83559	1027.686	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	1250523	257.544	ug/l	100
52) Toluene	10.15	92	583258	51.056	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	323508	51.697	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	365144	50.185	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	231162	50.457	ug/l	99
56) Ethyl methacrylate	10.42	69	332768	48.164	ug/l	99
57) 1,3-Dichloropropane	10.70	76	387304	50.982	ug/l	99
59) 2-Hexanone	10.74	43	880142	235.525	ug/l	99
60) Dibromochloromethane	10.90	129	252975	53.897	ug/l	97
61) 1,2-Dibromoethane	11.00	107	242243	54.182	ug/l	99
64) Tetrachloroethene	10.63	164	266957	48.899	ug/l	98
65) Chlorobenzene	11.43	112	639161	49.501	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	244195	50.247	ug/l	100
67) Ethyl Benzene	11.51	91	1110002	49.740	ug/l	100
68) m/p-Xylenes	11.62	106	830576	100.849	ug/l	100
69) o-Xylene	11.94	106	406068	50.396	ug/l	100
70) Stvrene	11.96	104	678360	47.720	ug/l	99
71) Bromoform	12.12	173	182048	53.654	ug/l #	98
73) Isopropylbenzene	12.25	105	1085706	47.896	ug/l	100
74) N-amyl acetate	12.07	43	309649	47.045	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	302008	52.856	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	368653	69.209	ug/l #	100
77) Bromobenzene	12.52	156	287017	48.514	ug/l	99
78) n-propylbenzene	12.59	91	1158665	47.872	ug/l	99
79) 2-Chlorotoluene	12.67	91	711545	47.743	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	905265	48.659	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	81419	49.111	ug/l	96
82) 4-Chlorotoluene	12.77	91	679304	48.706	ug/l	99
83) tert-Butylbenzene	12.99	119	803644	48.796	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	881376	49.235	ug/l	100
85) sec-Butylbenzene	13.17	105	1004077	47.265	ug/l	99
86) p-Isopropyltoluene	13.29	119	909643	48.230	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	445909	49.550	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	430799	49.726	ug/l	100
89) n-Butylbenzene	13.61	91	683117	46.995	ug/l	99
90) Hexachloroethane	13.87	117	159902	49.237	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	449105	50.706	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	46930	52.053	ug/l	98
93) 1,2,4-Trichlorobenzene	14.91	180	195390	43.155	ug/l	99

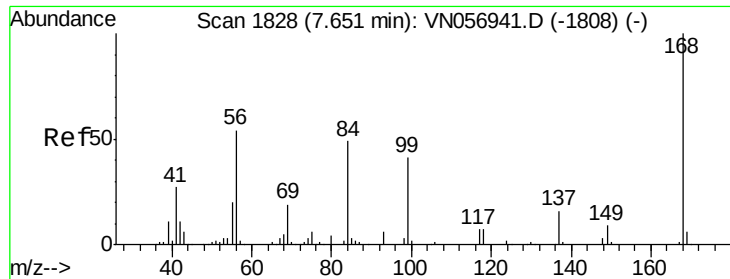
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080119\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.00	225	158349	51.266	ug/l	99
95) Naphthalene	15.12	128	506480	45.774	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	215659	46.842	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057046.D

Acq: 1 Aug 2019 18:41

Instrument :

MSVOA_N

ClientSampleId :

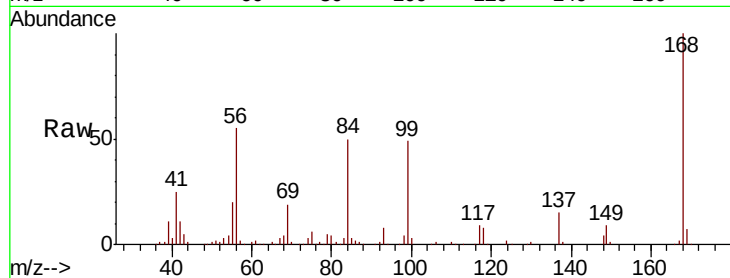
BP-VPB203-GW-498-500MSD

Tot Ion:168 Resp: 468692

Ion Ratio Lower Upper

168 100

99 49.1 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VN056941.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN056941.D (-1808) (-)

7.65

200000

150000

100000

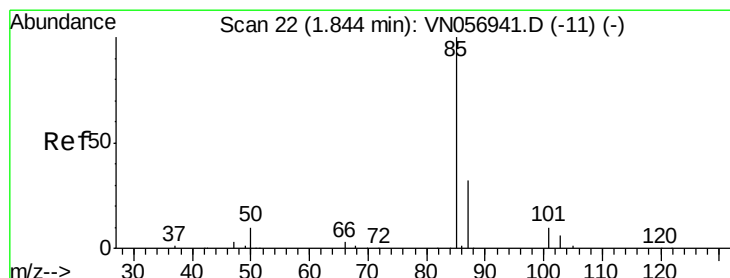
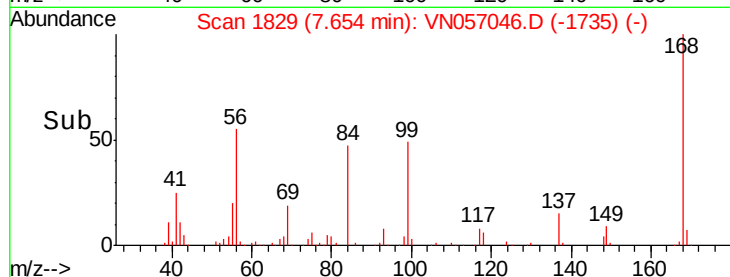
50000

0

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 51.130 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN057046.D

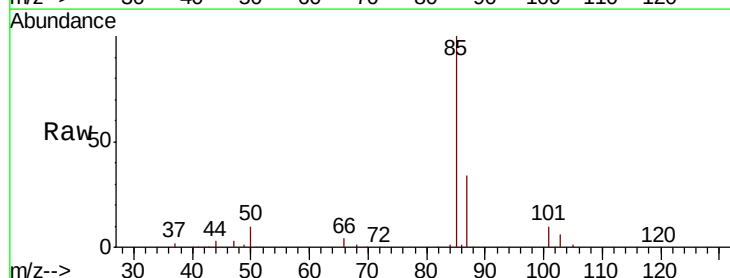
Acq: 1 Aug 2019 18:41

Tgt Ion: 85 Resp: 242265

Ion Ratio Lower Upper

85 100

87 33.6 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VN056941.D (-11) (-)

Ion 86.90 (86.60 to 87.60): VN056941.D (-11) (-)

1.85

200000

150000

100000

50000

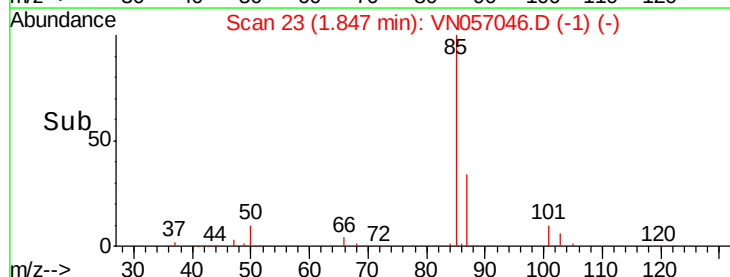
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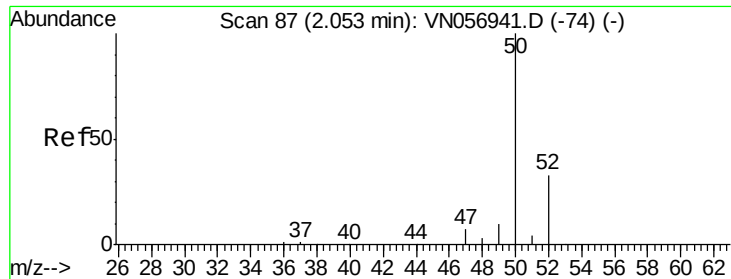
1.80

1.90

1.95

Time-->

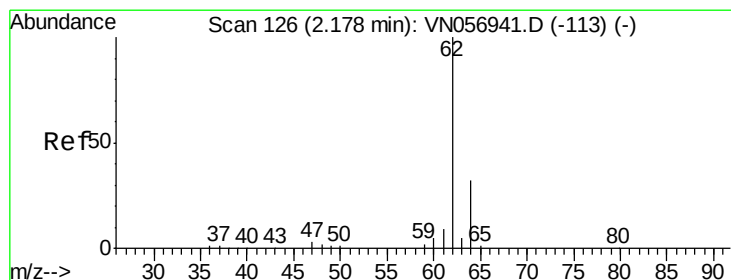
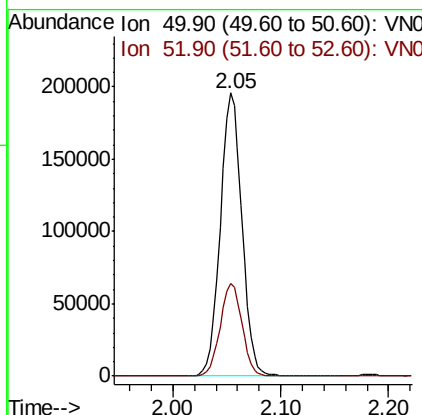
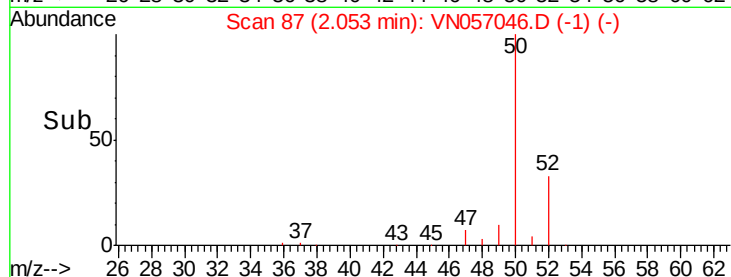
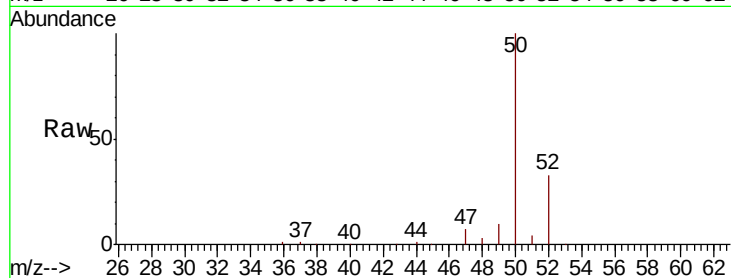




#3
 Chloromethane
 Concen: 47.907 ug/l
 RT: 2.05 min Scan# 87
 Delta R.T. 0.00 min
 Lab File: VN057046.D
 Acq: 1 Aug 2019 18:41

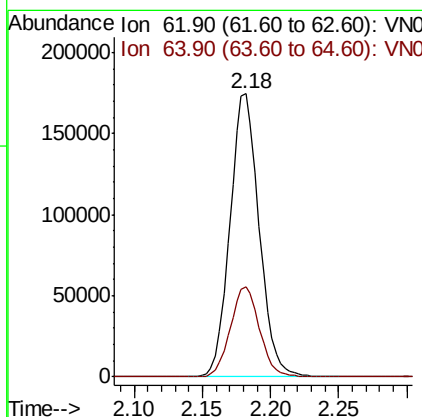
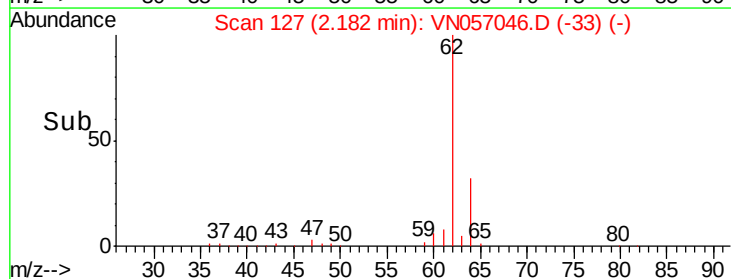
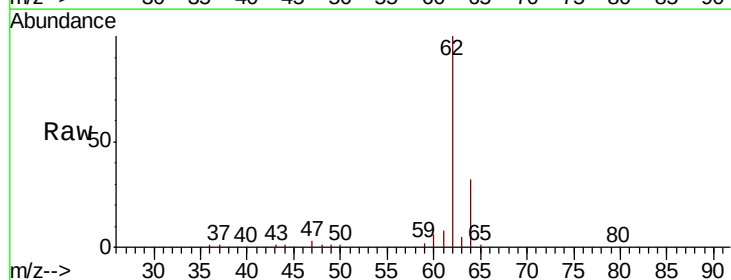
Instrument :
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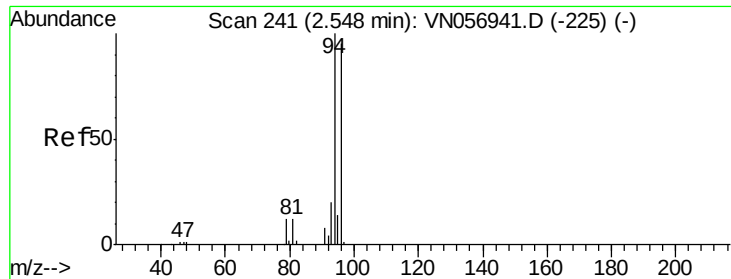
Tot Ion: 50 Resp: 271816
 Ion Ratio Lower Upper
 50 100
 52 32.8 26.2 39.2



#4
 Vinyl Chloride
 Concen: 48.672 ug/l
 RT: 2.18 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VN057046.D
 Acq: 1 Aug 2019 18:41

Tgt Ion: 62 Resp: 258940
 Ion Ratio Lower Upper
 62 100
 64 32.0 25.4 38.0





#5

Bromomethane

Concen: 47.142 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VN057046.D

Acq: 1 Aug 2019 18:41

Instrument :

MSVOA_N

ClientSampleId :

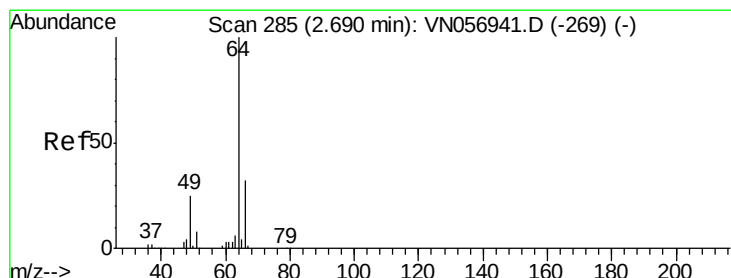
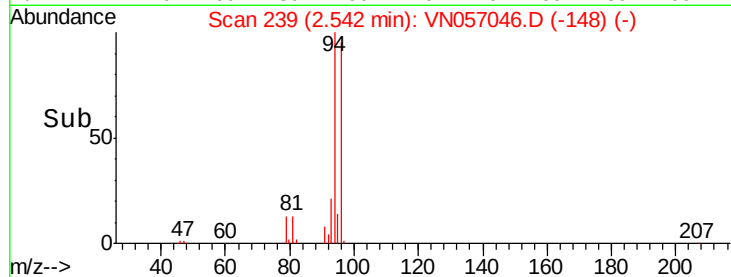
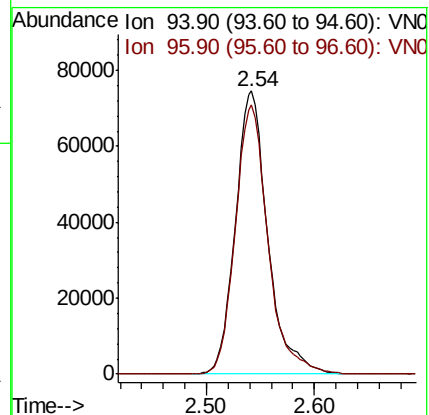
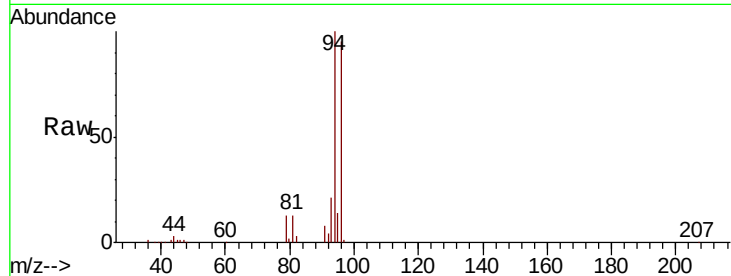
BP-VPB203-GW-498-500MSD

Tot Ion: 94 Resp: 155916

Ion Ratio Lower Upper

94 100

96 95.1 76.2 114.2



#6

Chloroethane

Concen: 48.609 ug/l

RT: 2.69 min Scan# 284

Delta R.T. -0.00 min

Lab File: VN057046.D

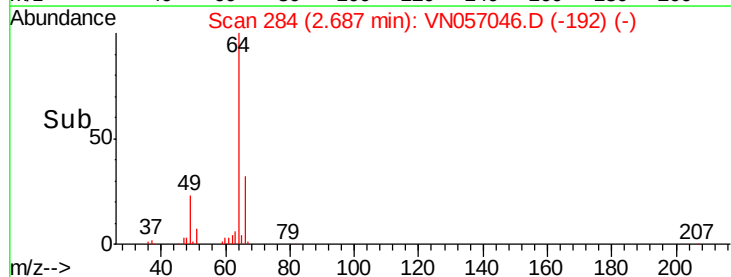
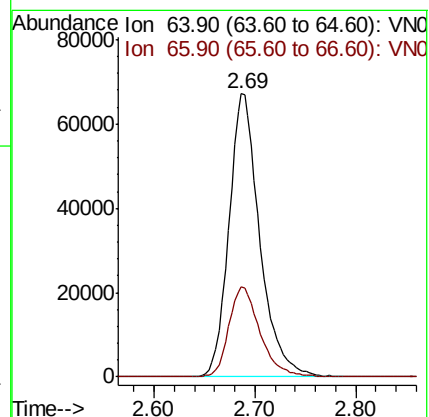
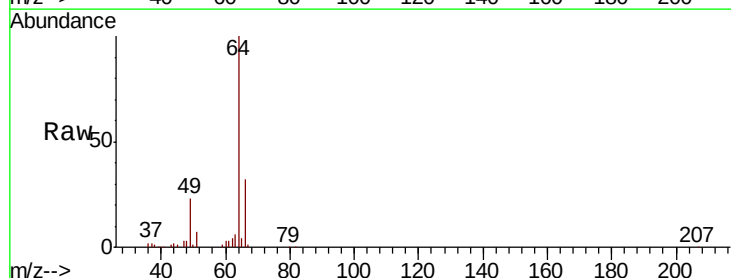
Acq: 1 Aug 2019 18:41

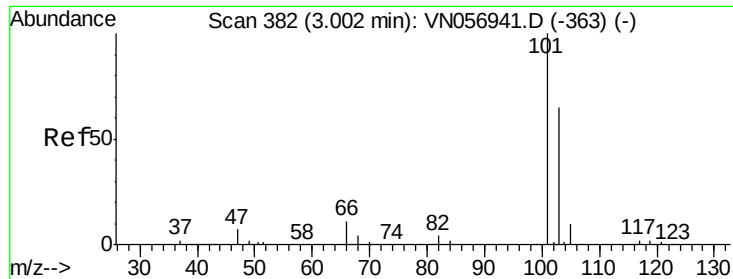
Tgt Ion: 64 Resp: 142558

Ion Ratio Lower Upper

64 100

66 31.6 25.8 38.8



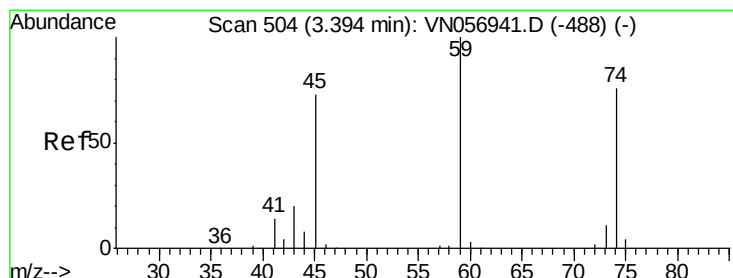
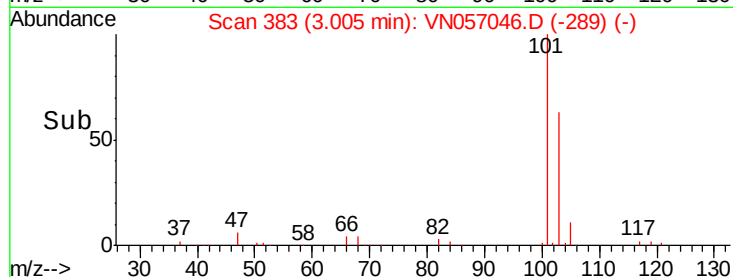
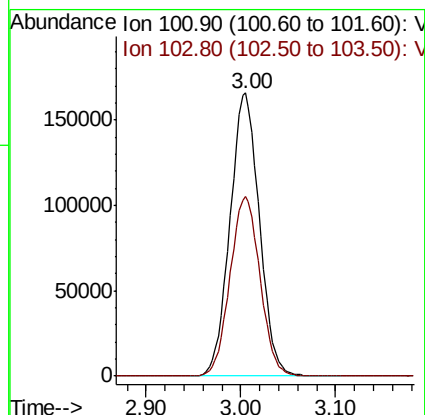
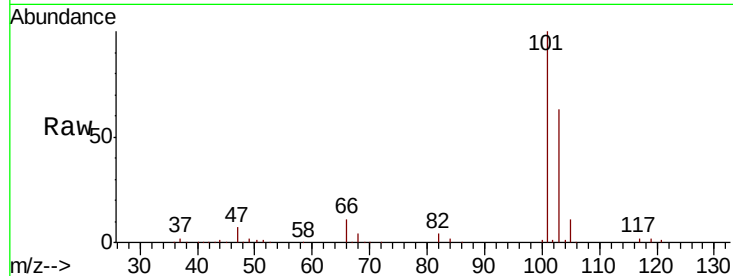


#7

Trichlorofluoromethane
Concen: 51.433 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN057046.D
Acq: 1 Aug 2019 18:41

Instrument :
MSVOA_N
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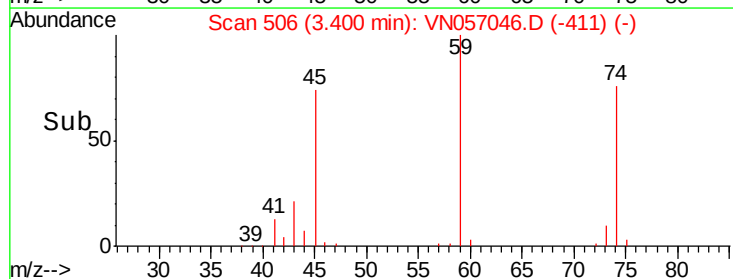
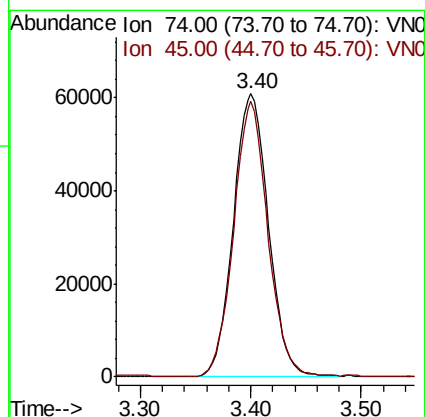
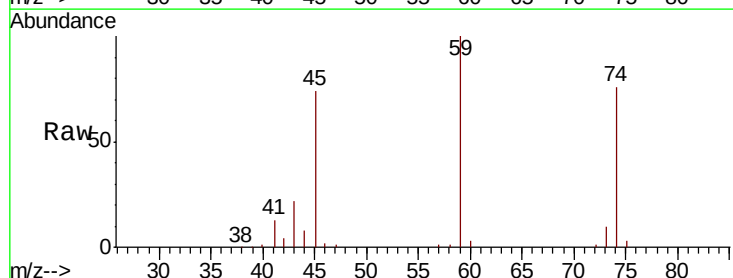
Tot Ion:101 Resp: 358190
Ion Ratio Lower Upper
101 100
103 63.5 52.1 78.1

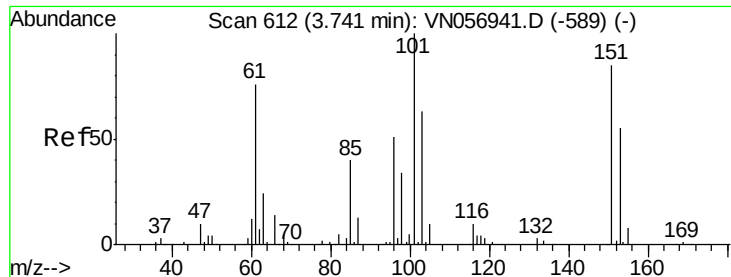


#8

Diethyl Ether
Concen: 51.442 ug/l
RT: 3.40 min Scan# 506
Delta R.T. 0.01 min
Lab File: VN057046.D
Acq: 1 Aug 2019 18:41

Tgt Ion: 74 Resp: 134075
Ion Ratio Lower Upper
74 100
45 94.9 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.601 ug/l

RT: 3.74 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN057046.D

Acq: 1 Aug 2019 18:41

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB203-GW-498-500MSD

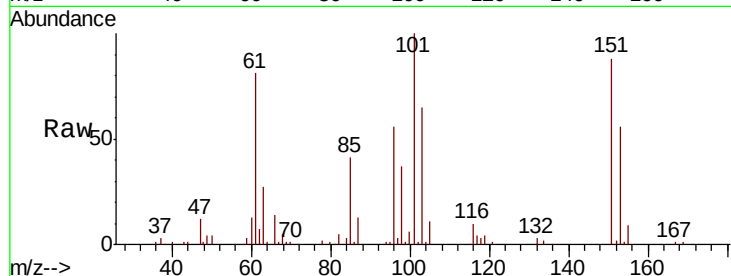
Tot Ion:101 Resp: 205526

Ion Ratio Lower Upper

101 100

85 41.0 32.3 48.5

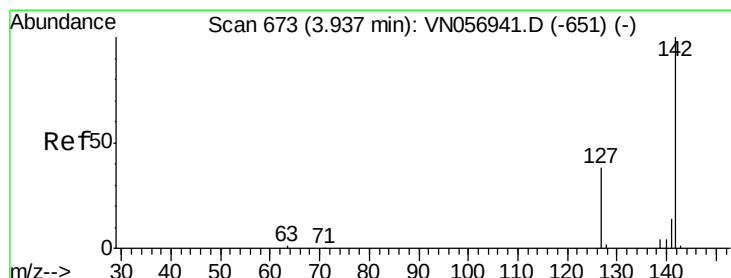
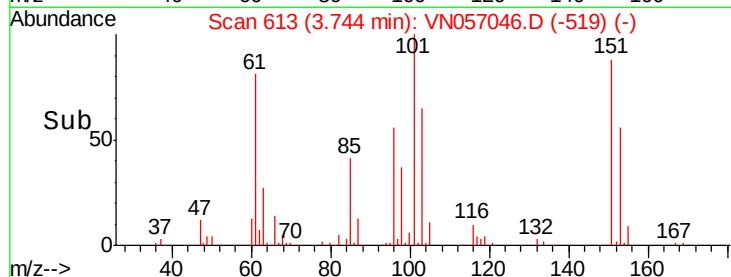
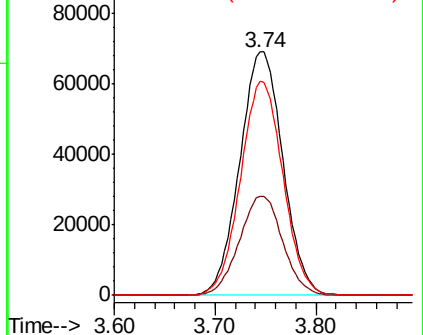
151 86.6 68.0 102.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 55.003 ug/l

RT: 3.94 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN057046.D

Acq: 1 Aug 2019 18:41

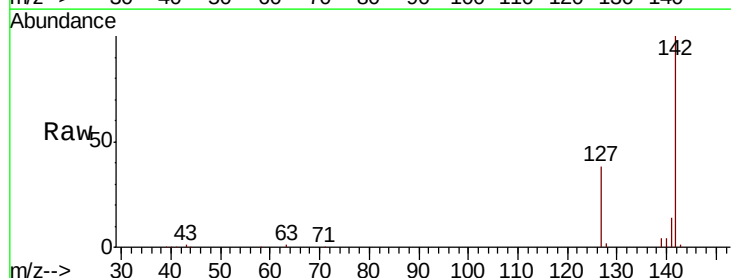
Tgt Ion:142 Resp: 317334

Ion Ratio Lower Upper

142 100

127 38.4 30.4 45.6

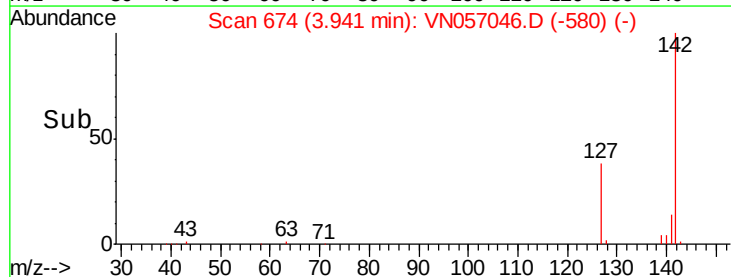
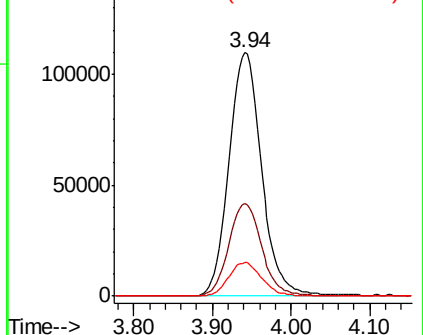
141 14.1 11.1 16.7

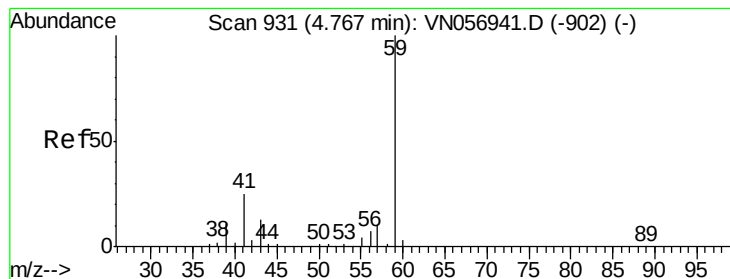


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



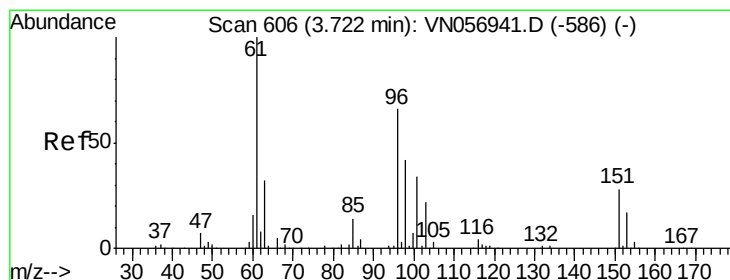
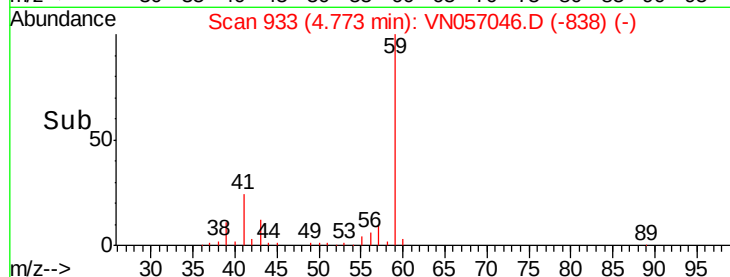
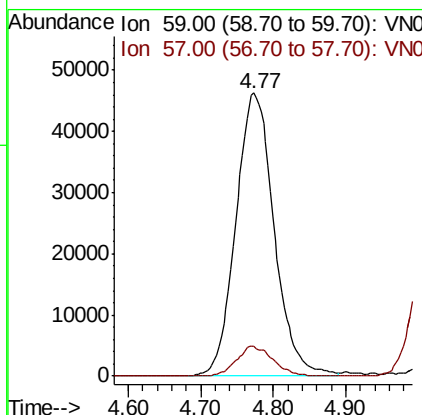
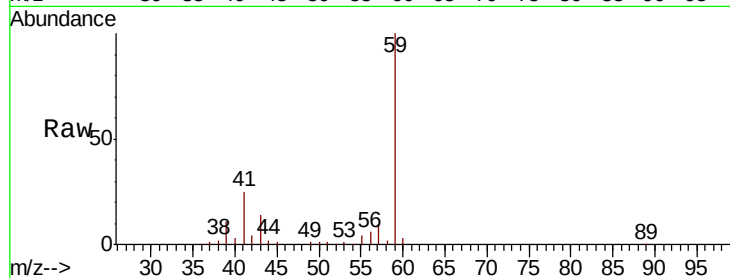


#11

Tert butyl alcohol
 Concen: 262.633 ug/l
 RT: 4.77 min Scan# 933
 Delta R.T. 0.01 min
 Lab File: VN057046.D
 Acq: 1 Aug 2019 18:41

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB203-GW-498-500MSD

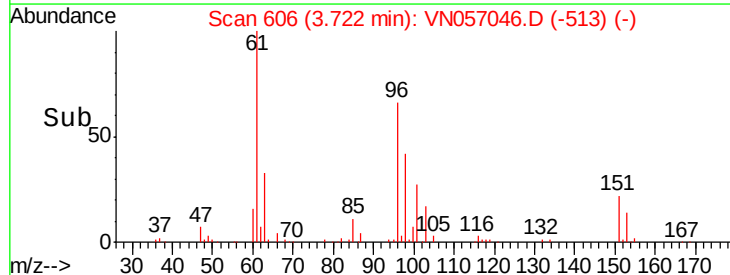
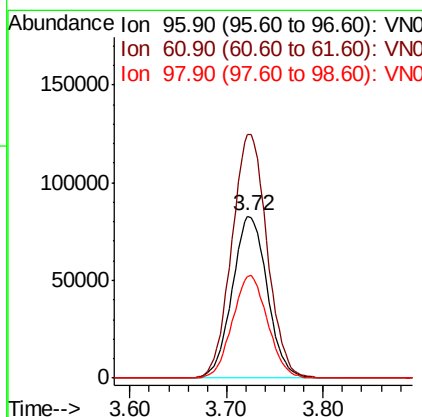
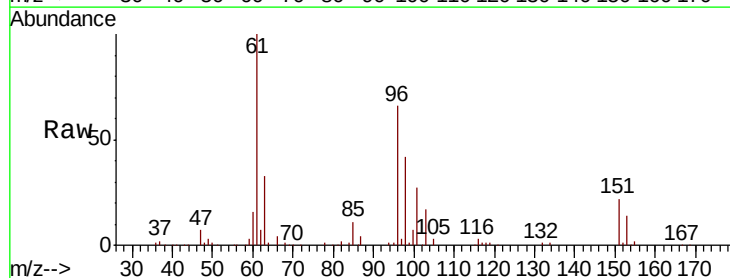
Tot Ion: 59 Resp: 170317
 Ion Ratio Lower Upper
 59 100
 57 10.1 7.5 11.3

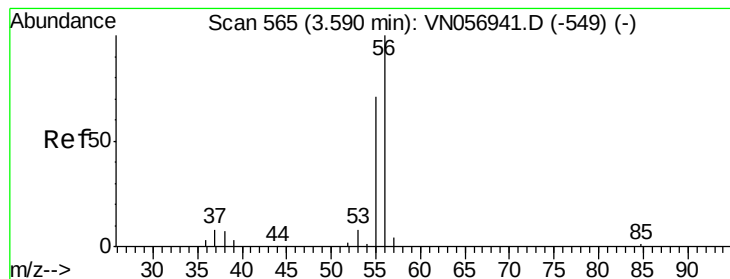


#12

1,1-Dichloroethene
 Concen: 50.639 ug/l
 RT: 3.72 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VN057046.D
 Acq: 1 Aug 2019 18:41

Tgt Ion: 96 Resp: 208623
 Ion Ratio Lower Upper
 96 100
 61 150.5 121.8 182.8
 98 62.9 51.7 77.5





#13

Acrolein

Concen: 275.413 ug/l

RT: 3.59 min Scan# 566

Delta R.T. 0.00 min

Lab File: VN057046.D

Acq: 1 Aug 2019 18:41

Instrument :

MSVOA_N

ClientSampleId :

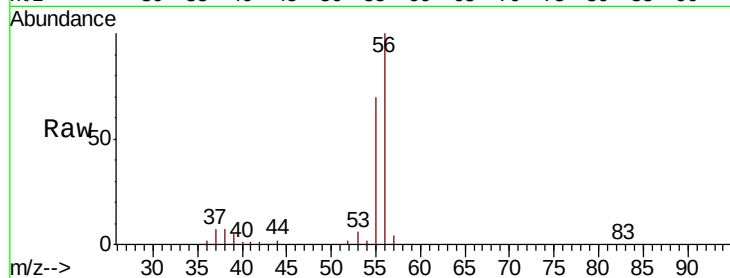
BP-VPB203-GW-498-500MSD

Tot Ion: 56 Resp: 91535

Ion Ratio Lower Upper

56 100

55 71.3 55.8 83.6



Abundance Ion 56.00 (55.70 to 56.70): VN056941.D (-549) (-)

Ion 55.00 (54.70 to 55.70): VN056941.D (-549) (-)

3.59

40000

30000

20000

10000

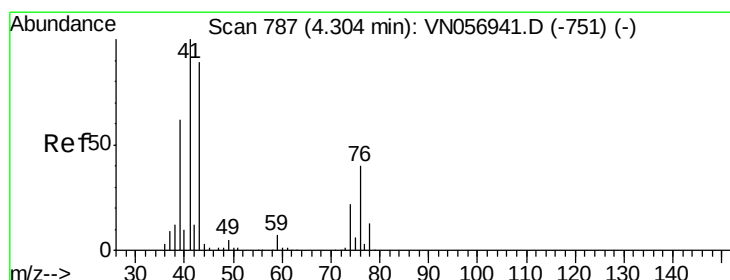
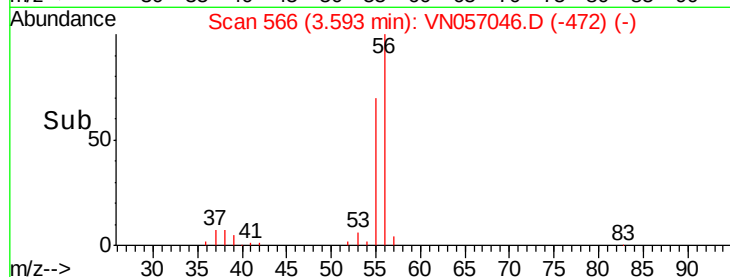
0

Time-->

3.50

3.60

3.70



#14

Allyl chloride

Concen: 49.353 ug/l

RT: 4.31 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN057046.D

Acq: 1 Aug 2019 18:41

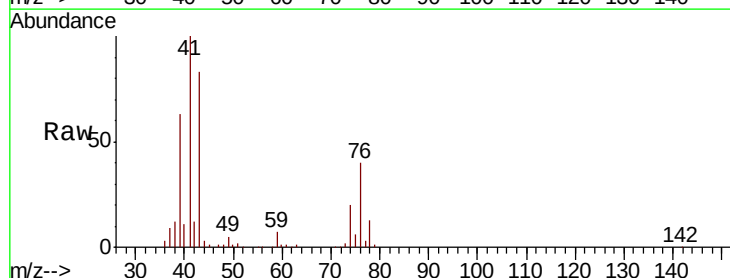
Tgt Ion: 41 Resp: 330735

Ion Ratio Lower Upper

41 100

39 59.1 46.4 69.6

76 36.2 28.4 42.6



Abundance Ion 41.00 (40.70 to 41.70): VN056941.D (-751) (-)

Ion 39.00 (38.70 to 39.70): VN056941.D (-751) (-)

Ion 75.90 (75.60 to 76.60): VN056941.D (-751) (-)

4.31

100000

50000

0

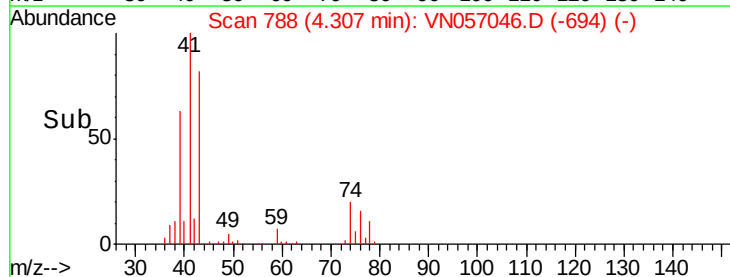
Time-->

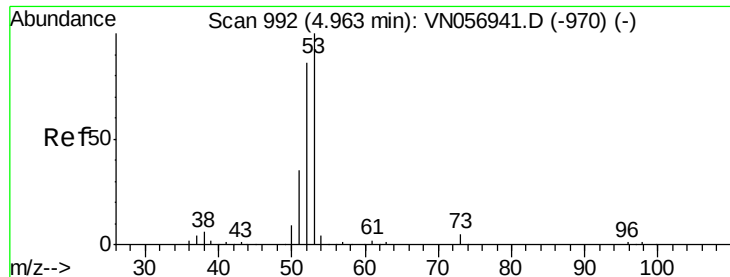
4.10

4.20

4.30

4.40





#15

Acrylonitrile

Concen: 263.976 ug/l

RT: 4.97 min Scan# 995

Delta R.T. 0.01 min

Lab File: VN057046.D

Acq: 1 Aug 2019 18:41

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB203-GW-498-500MSD

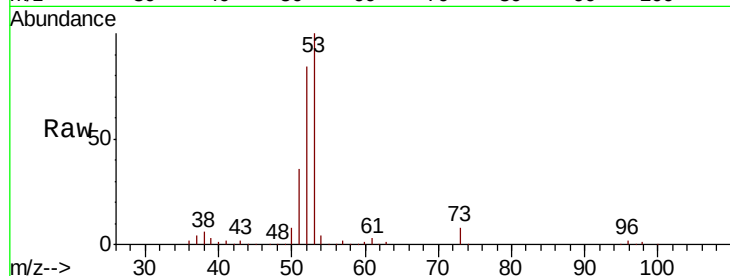
Tot Ion: 53 Resp: 502019

Ion Ratio Lower Upper

53 100

52 82.6 66.5 99.7

51 35.7 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VN056941.D (-970) (-)

Ion 52.00 (51.70 to 52.70): VN056941.D (-970) (-)

Ion 51.00 (50.70 to 51.70): VN056941.D (-970) (-)

4.97

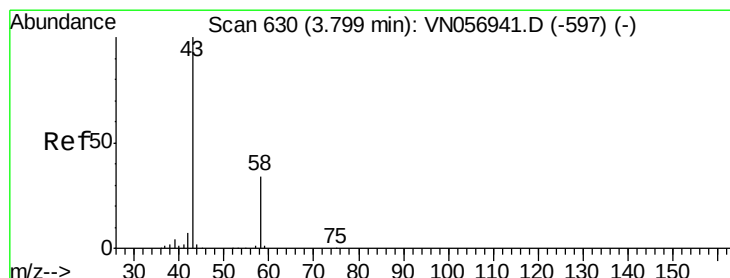
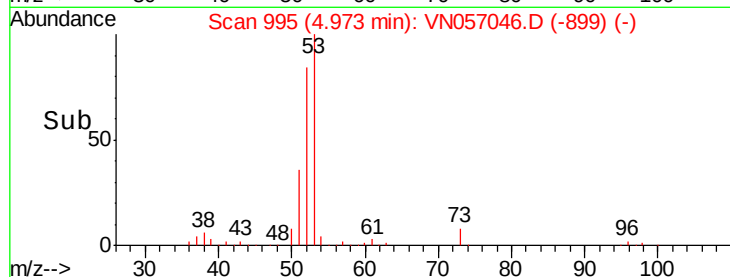
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 216.834 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN057046.D

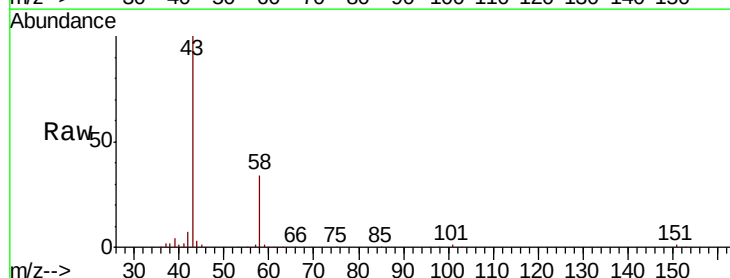
Acq: 1 Aug 2019 18:41

Tgt Ion: 43 Resp: 376881

Ion Ratio Lower Upper

43 100

58 34.1 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN056941.D (-597) (-)

Ion 58.00 (57.70 to 58.70): VN056941.D (-597) (-)

3.81

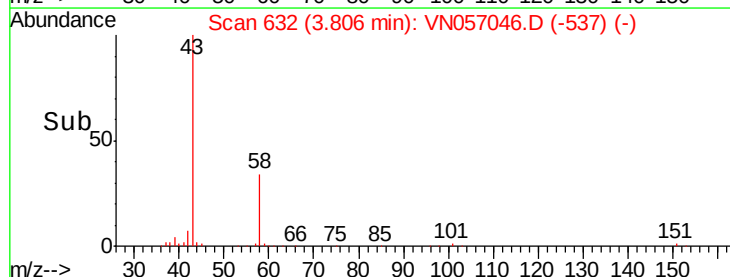
150000

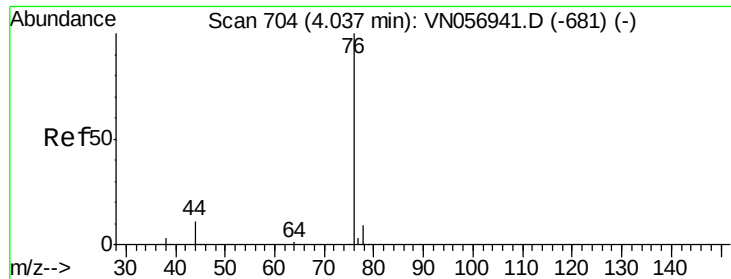
100000

50000

0

Time-->





#17

Carbon Disulfide

Concen: 46.670 ug/l

RT: 4.04 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN057046.D

Acq: 1 Aug 2019 18:41

Instrument :

MSVOA_N

ClientSampleId :

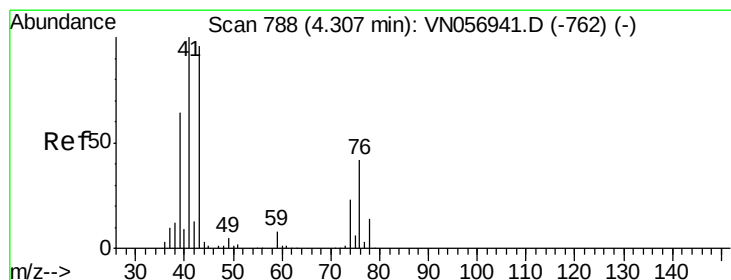
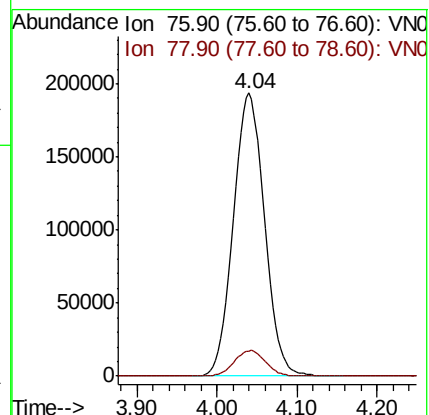
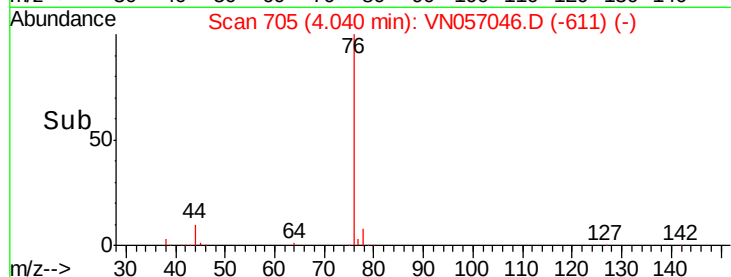
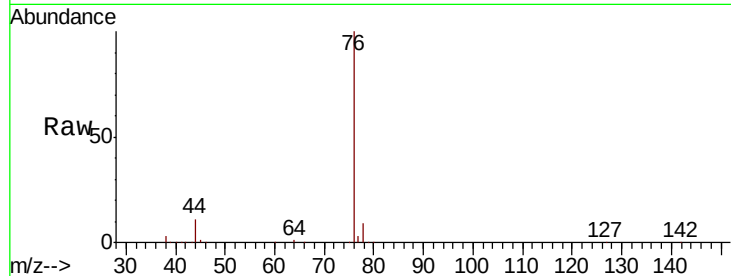
BP-VPB203-GW-498-500MSD

Tot Ion: 76 Resp: 510901

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8



#18

Methyl Acetate

Concen: 45.651 ug/l

RT: 4.31 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN057046.D

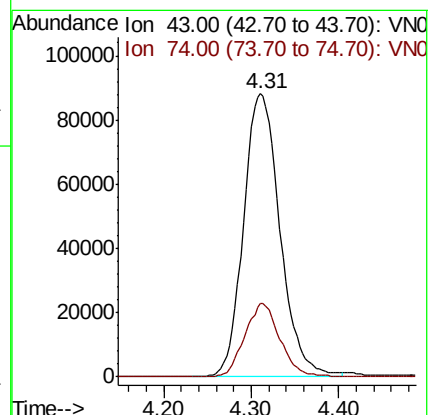
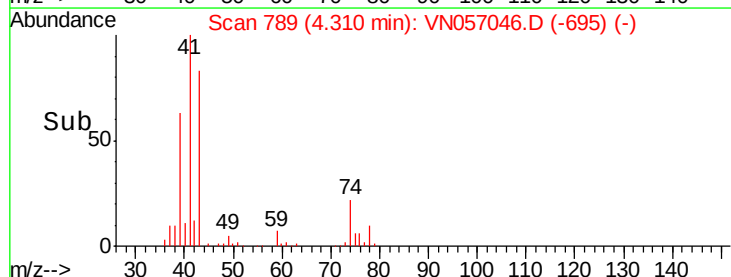
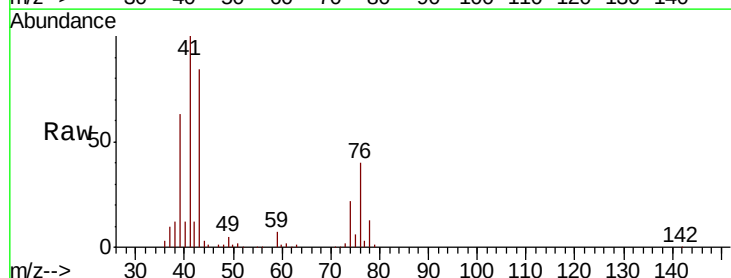
Acq: 1 Aug 2019 18:41

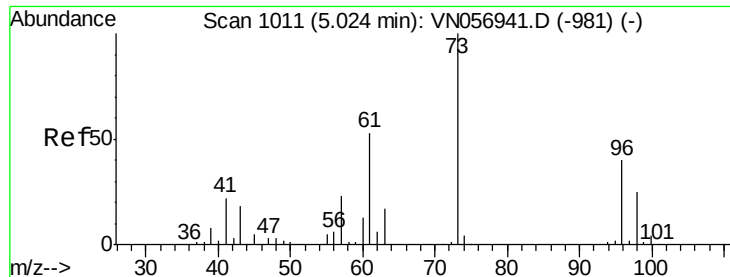
Tgt Ion: 43 Resp: 253123

Ion Ratio Lower Upper

43 100

74 25.2 19.7 29.5

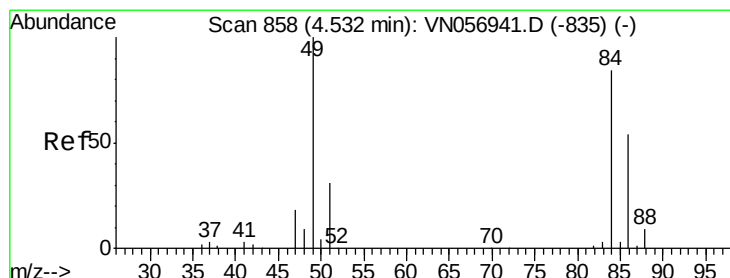
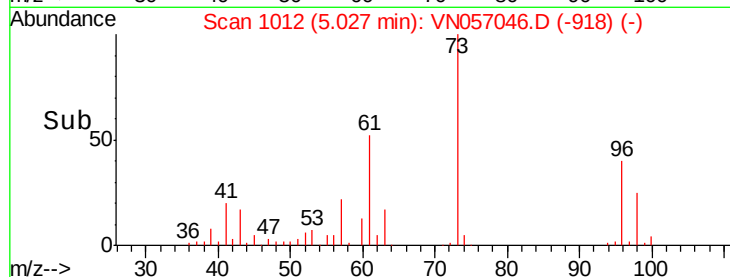
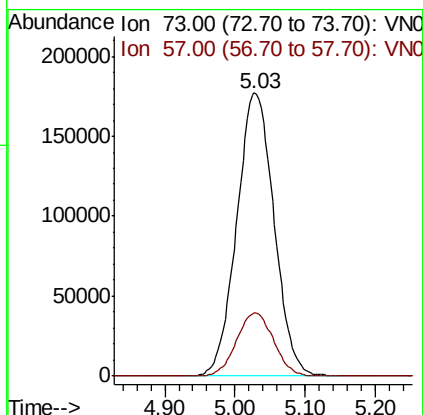
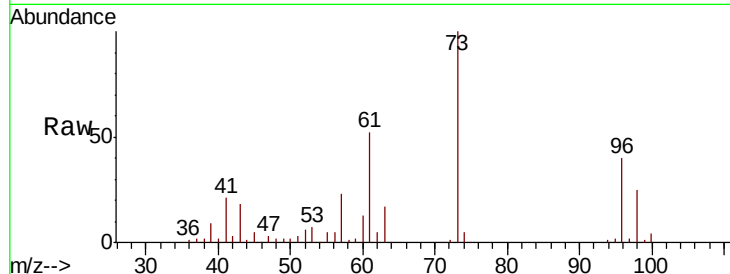




#19
Methyl tert-butyl Ether
Concen: 53.155 ug/l
RT: 5.03 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN057046.D
Acq: 1 Aug 2019 18:41

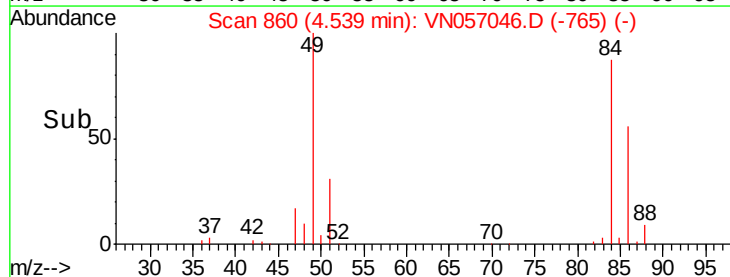
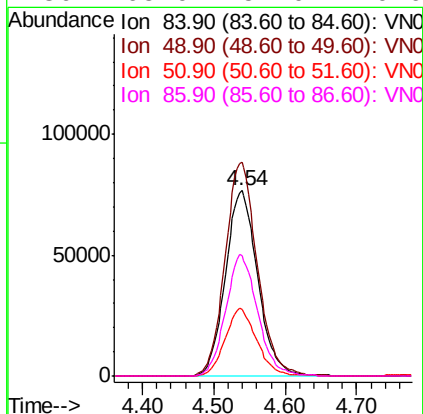
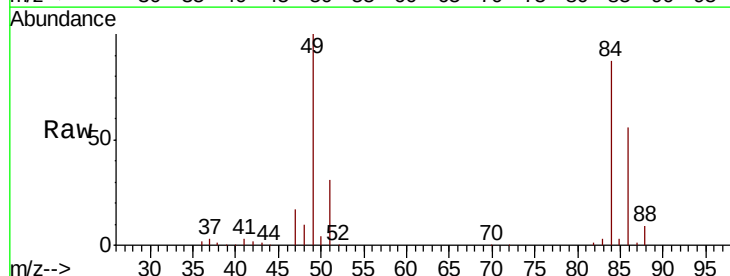
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB203-GW-498-500MSD

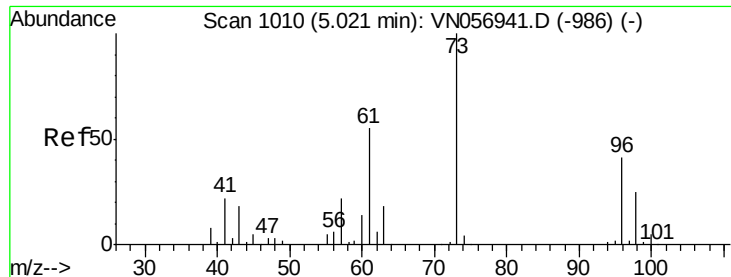
Tot Ion: 73 Resp: 652960
Ion Ratio Lower Upper
73 100
57 22.5 18.3 27.5



#20
Methylene Chloride
Concen: 48.432 ug/l
RT: 4.54 min Scan# 860
Delta R.T. 0.01 min
Lab File: VN057046.D
Acq: 1 Aug 2019 18:41

Tgt Ion: 84 Resp: 242487
Ion Ratio Lower Upper
84 100
49 115.5 95.2 142.8
51 36.1 29.7 44.5
86 65.0 51.0 76.6

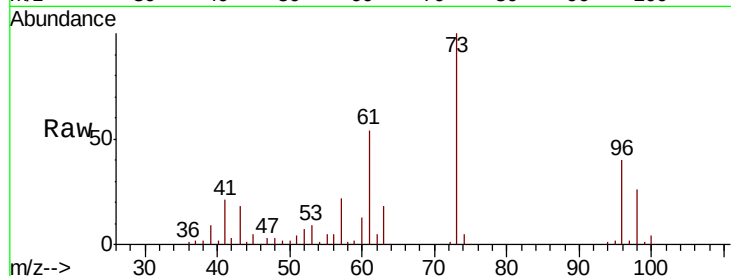




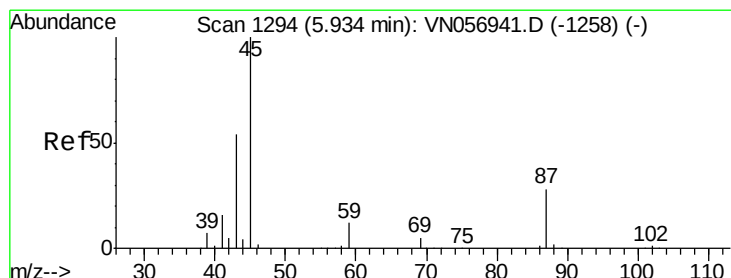
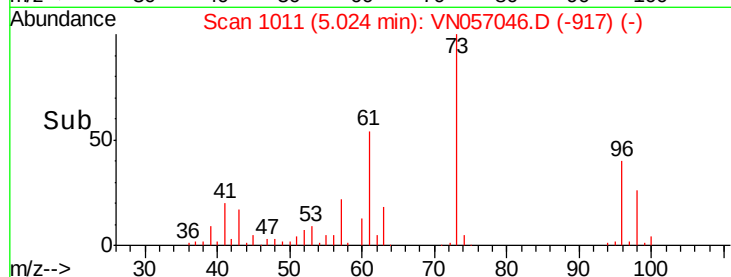
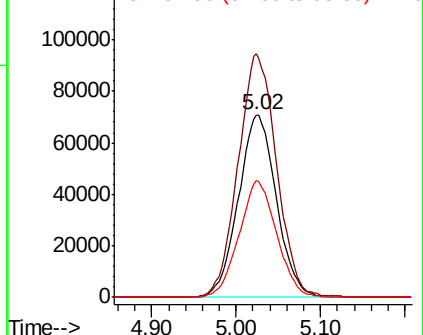
#21
trans-1,2-Dichloroethene
Concen: 50.616 ug/l
RT: 5.02 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN057046.D
Acq: 1 Aug 2019 18:41

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB203-GW-498-500MSD

Tot Ion: 96 Resp: 221465
Ion Ratio Lower Upper
96 100
61 133.5 107.5 161.3
98 63.8 49.9 74.9

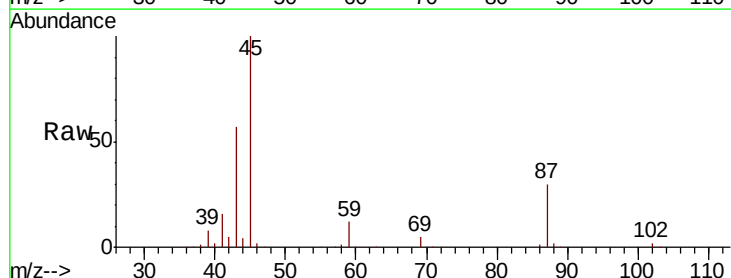


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

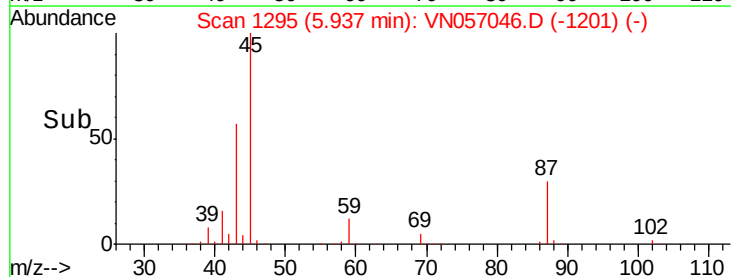
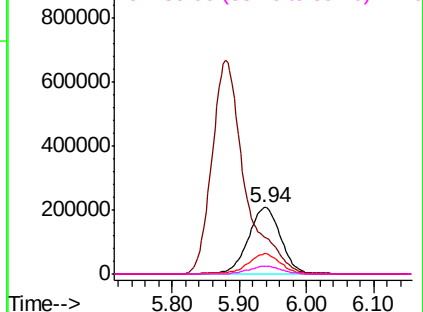


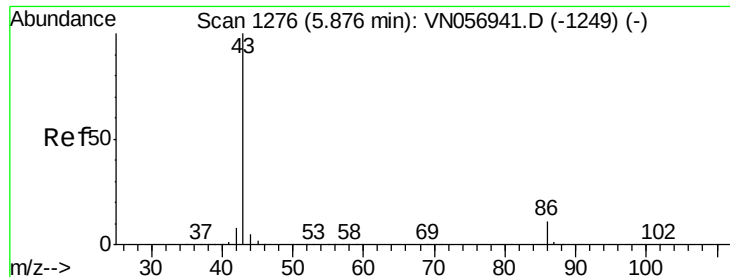
#22
Diisopropyl ether
Concen: 50.601 ug/l
RT: 5.94 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN057046.D
Acq: 1 Aug 2019 18:41

Tgt Ion: 45 Resp: 698674
Ion Ratio Lower Upper
45 100
43 55.6 44.7 67.1
87 30.1 23.0 34.6
59 11.7 9.8 14.8



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

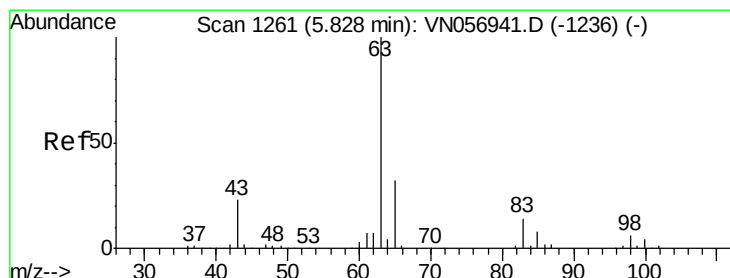
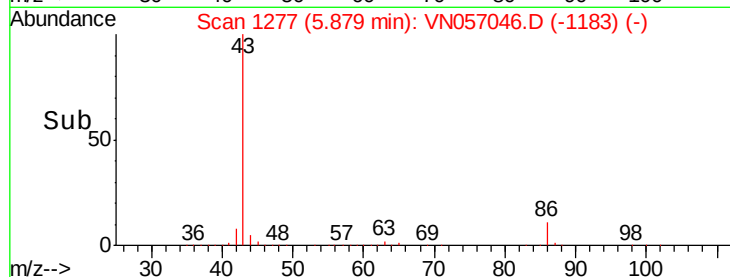
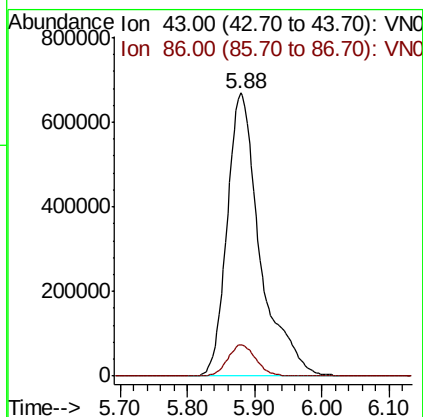
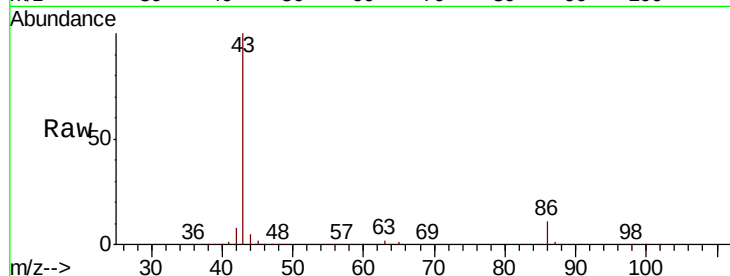




#23
 Vinyl Acetate
 Concen: 237.757 ug/l
 RT: 5.88 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN057046.D
 Acq: 1 Aug 2019 18:41

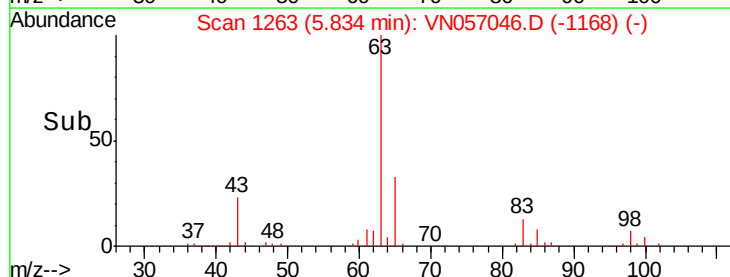
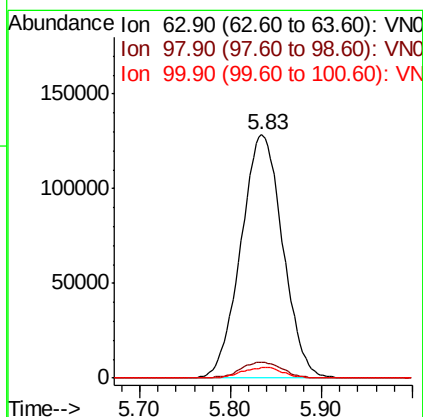
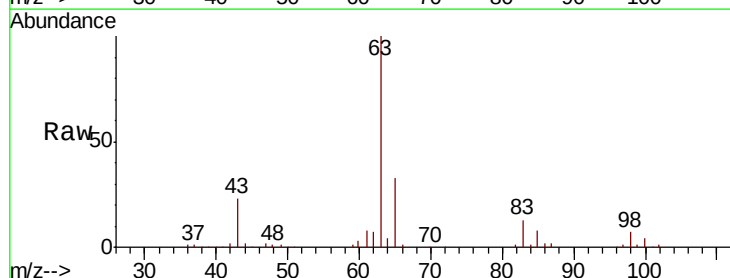
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB203-GW-498-500MSD

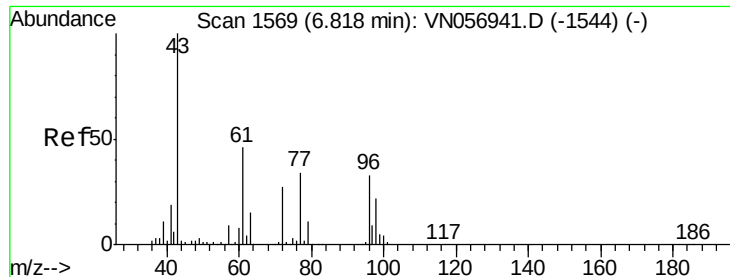
Tot Ion: 43 Resp: 2274568
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 50.389 ug/l
 RT: 5.83 min Scan# 1263
 Delta R.T. 0.01 min
 Lab File: VN057046.D
 Acq: 1 Aug 2019 18:41

Tgt Ion: 63 Resp: 410502
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.2 9.6
 100 4.3 2.1 6.3

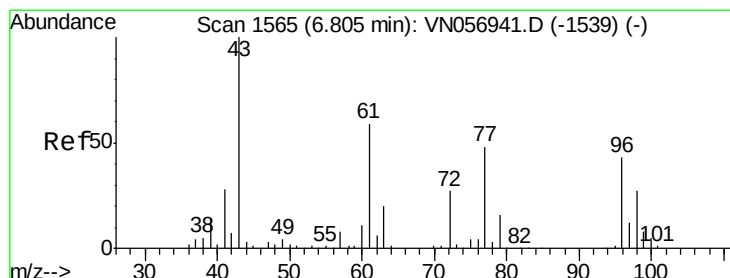
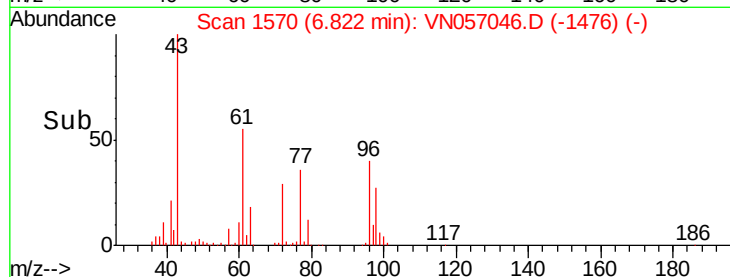
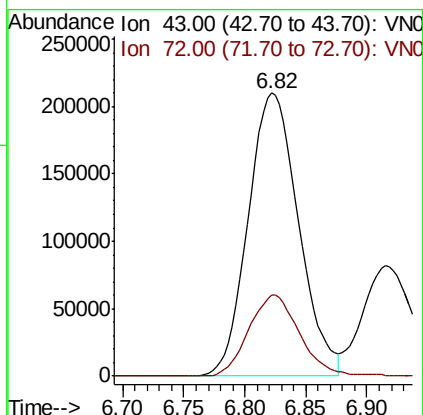
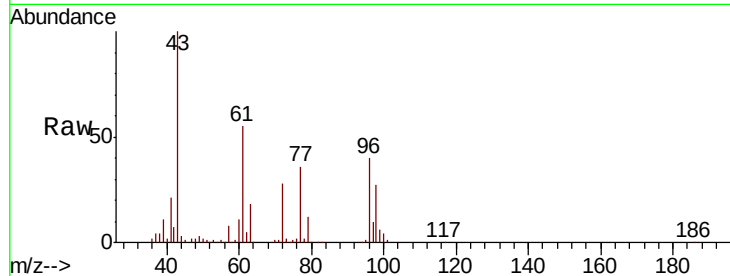




#25
 2-Butanone
 Concen: 243.338 ug/l
 RT: 6.82 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: VN057046.D
 Acq: 1 Aug 2019 18:41

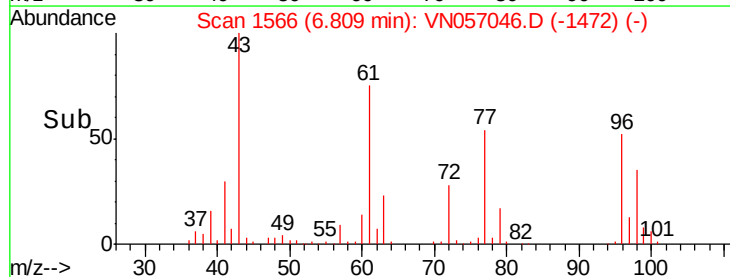
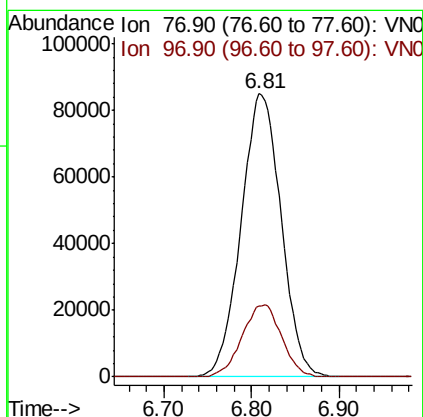
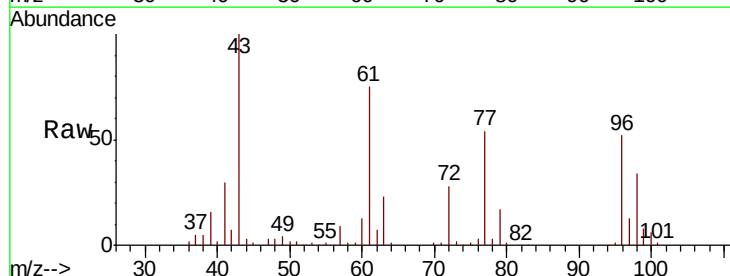
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB203-GW-498-500MSD

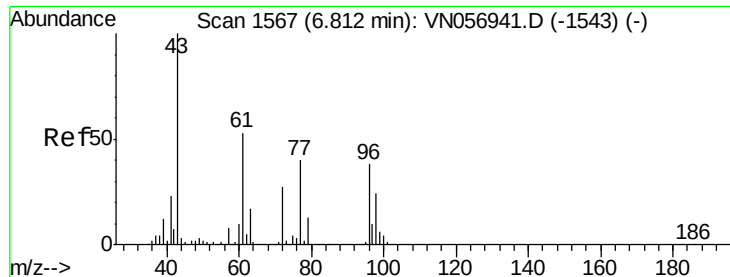
Tot Ion: 43 Resp: 599741
 Ion Ratio Lower Upper
 43 100
 72 28.5 21.5 32.3



#26
 2,2-Dichloropropane
 Concen: 43.529 ug/l
 RT: 6.81 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: VN057046.D
 Acq: 1 Aug 2019 18:41

Tgt Ion: 77 Resp: 269638
 Ion Ratio Lower Upper
 77 100
 97 25.2 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 50.039 ug/l

RT: 6.82 min Scan# 1568

Delta R.T. 0.00 min

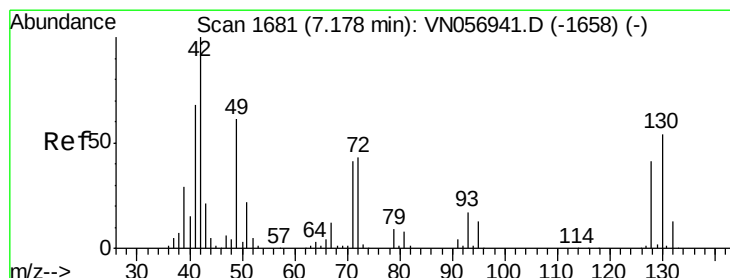
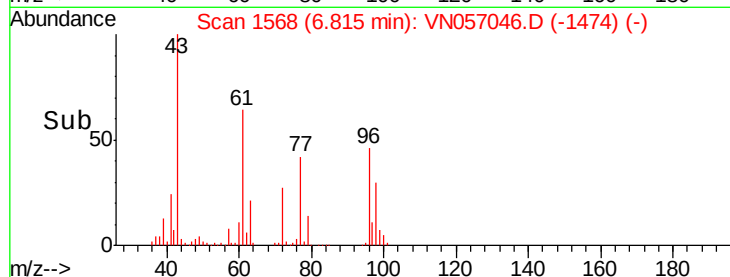
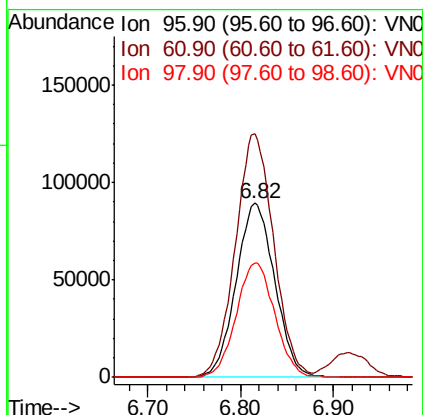
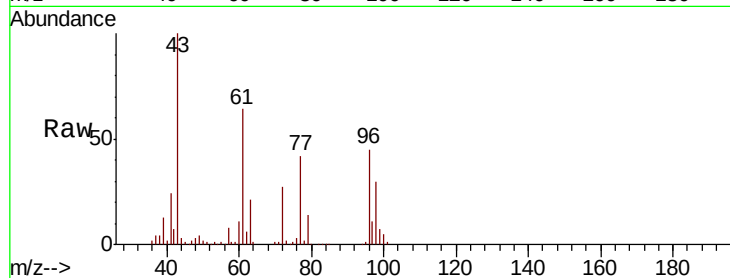
Lab File: VN057046.D

Acq: 1 Aug 2019 18:41

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB203-GW-498-500MSD

Tot Ion: 96 Resp: 258951

Ion	Ratio	Lower	Upper
96	100		
61	138.6	0.0	277.2
98	65.6	0.0	128.4



#28

Bromochloromethane

Concen: 50.385 ug/l

RT: 7.18 min Scan# 1683

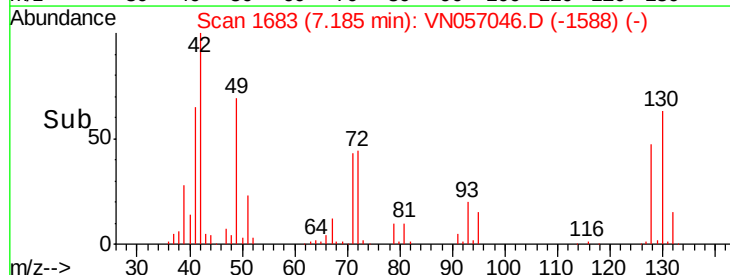
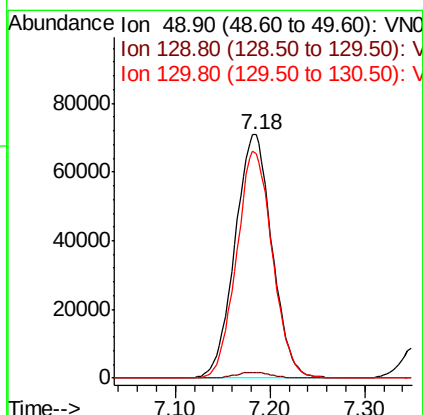
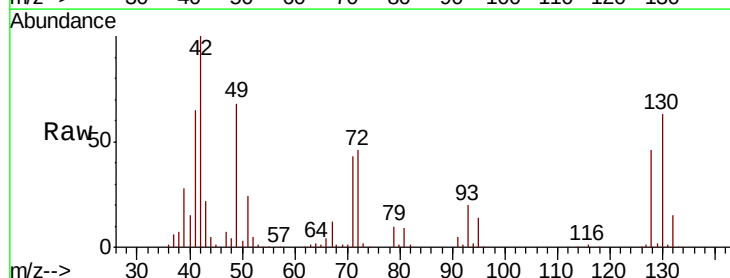
Delta R.T. 0.01 min

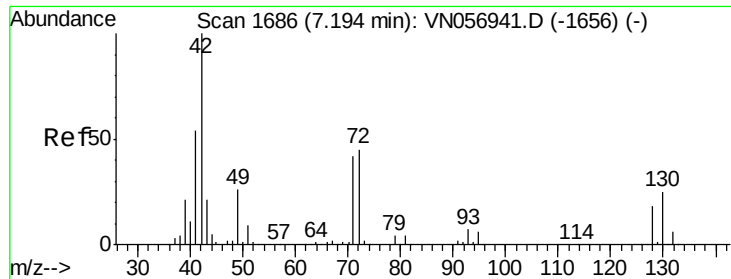
Lab File: VN057046.D

Acq: 1 Aug 2019 18:41

Tgt Ion: 49 Resp: 192939

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	90.2	69.0	103.4

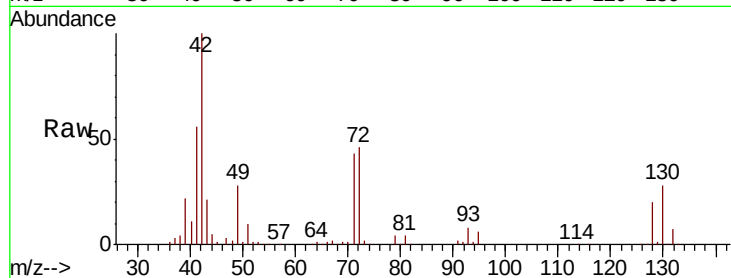




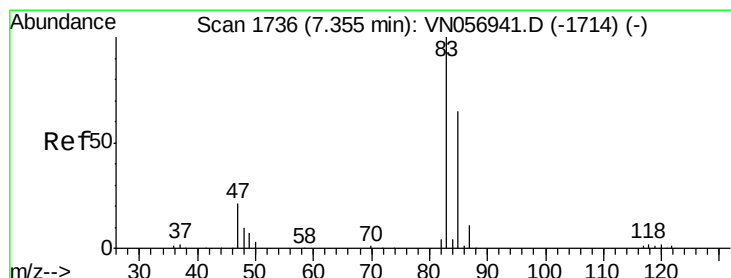
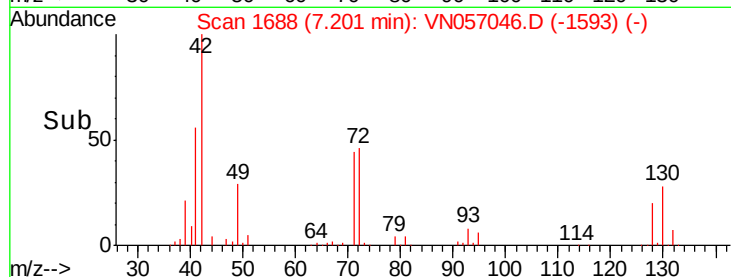
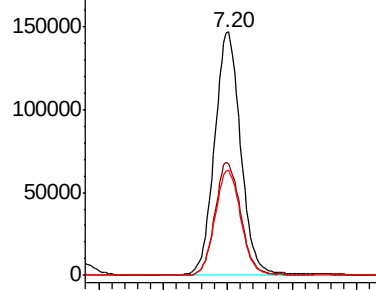
#29
Tetrahydrofuran
Concen: 257.156 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. 0.01 min
Lab File: VN057046.D
Acq: 1 Aug 2019 18:41

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB203-GW-498-500MSD

Tot Ion: 42 Resp: 413518
Ion Ratio Lower Upper
42 100
72 45.8 35.6 53.4
71 42.5 33.5 50.3

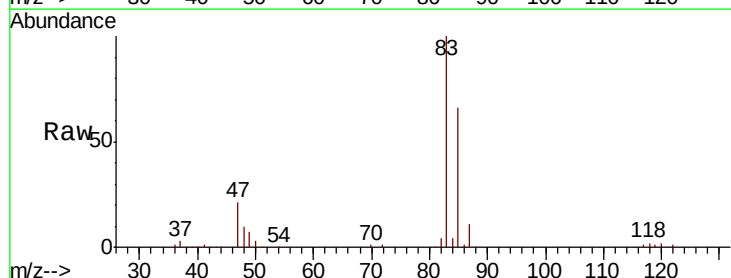


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

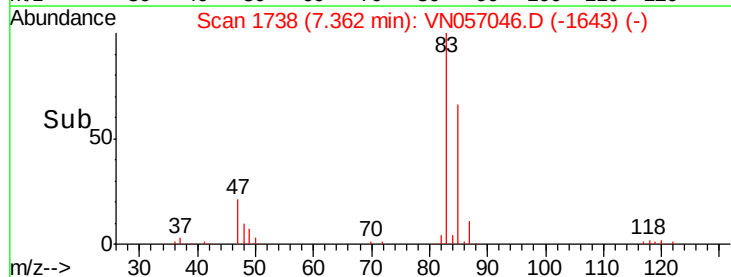
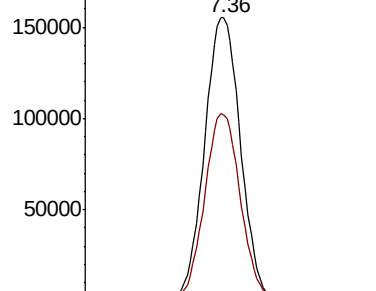


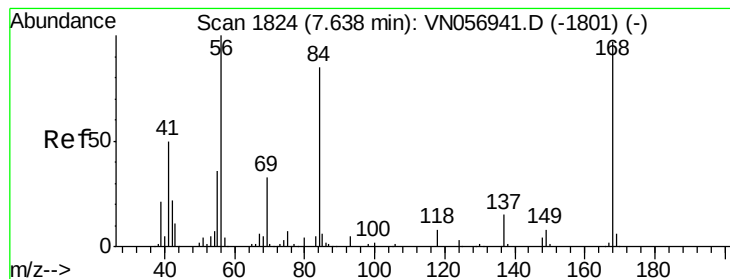
#30
Chloroform
Concen: 49.600 ug/l
RT: 7.36 min Scan# 1738
Delta R.T. 0.01 min
Lab File: VN057046.D
Acq: 1 Aug 2019 18:41

Tgt Ion: 83 Resp: 413138
Ion Ratio Lower Upper
83 100
85 65.8 52.2 78.2



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 45.509 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VN057046.D

Acq: 1 Aug 2019 18:41

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB203-GW-498-500MSD

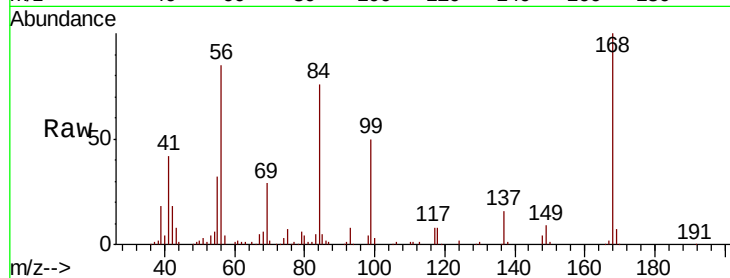
Tot Ion: 56 Resp: 358762

Ion Ratio Lower Upper

56 100

69 34.2 26.2 39.2

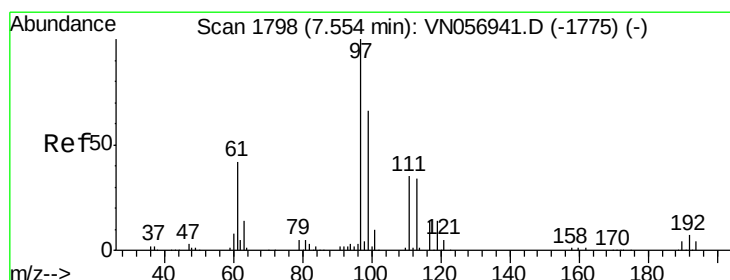
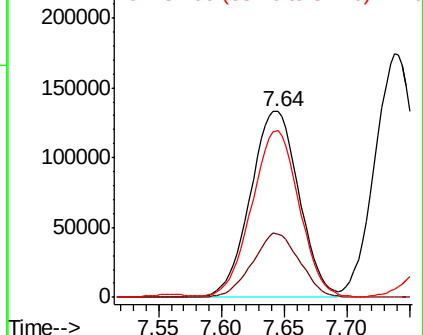
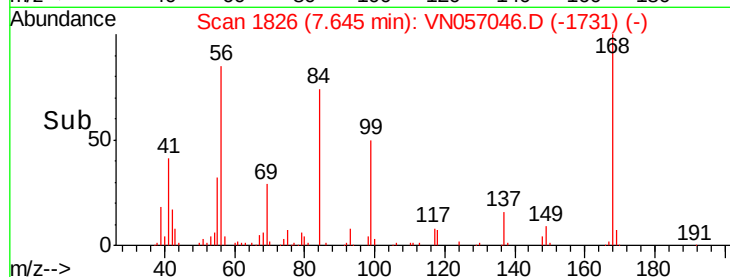
84 88.5 68.2 102.2



Abundance Ion 56.00 (55.70 to 56.70): VN056941.D (-1801) (-)

Ion 69.00 (68.70 to 69.70): VN056941.D (-1801) (-)

Ion 84.00 (83.70 to 84.70): VN056941.D (-1801) (-)



#32

1,1,1-Trichloroethane

Concen: 52.603 ug/l

RT: 7.56 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN057046.D

Acq: 1 Aug 2019 18:41

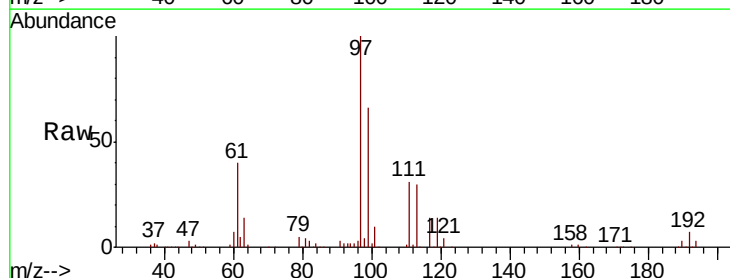
Tgt Ion: 97 Resp: 349598

Ion Ratio Lower Upper

97 100

99 65.4 52.3 78.5

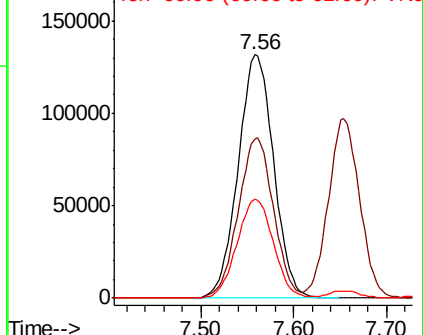
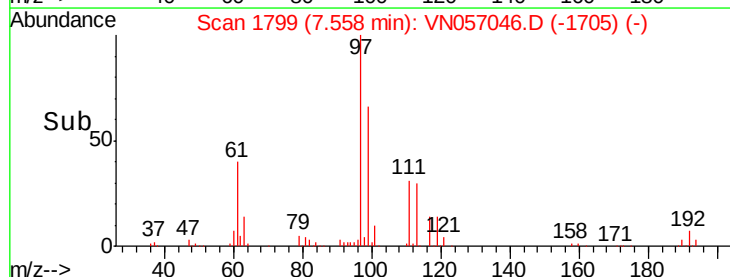
61 41.4 33.9 50.9

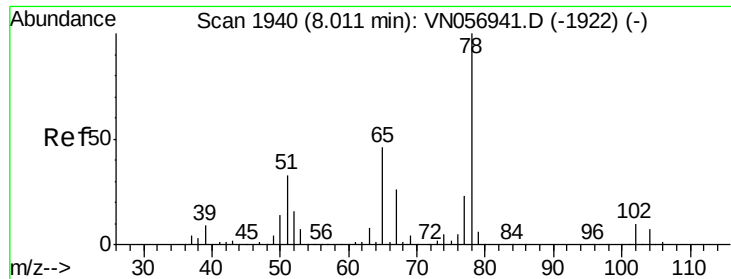


Abundance Ion 96.90 (96.60 to 97.60): VN056941.D (-1775) (-)

Ion 98.90 (98.60 to 99.60): VN056941.D (-1775) (-)

Ion 60.90 (60.60 to 61.60): VN056941.D (-1775) (-)

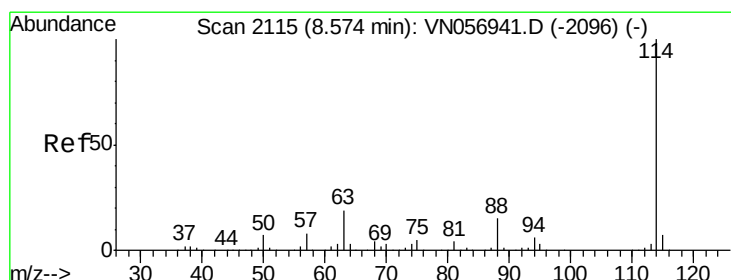
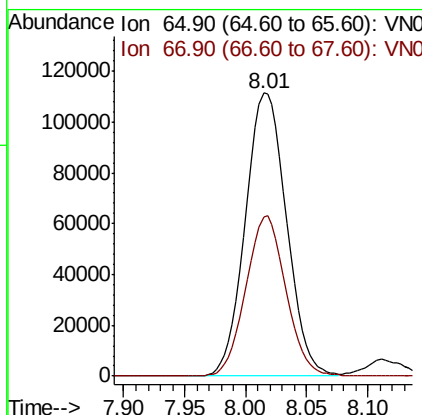
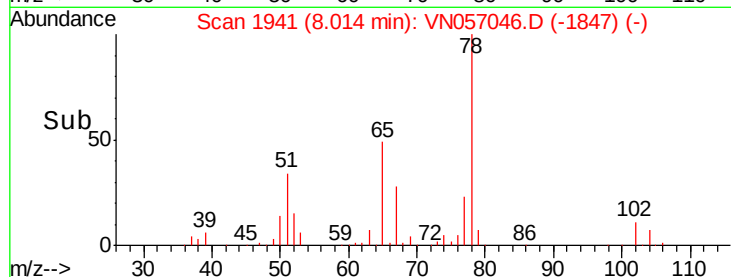
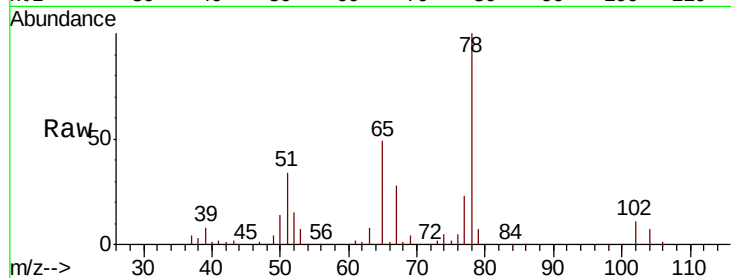




#33
 1,2-Dichloroethane-d4
 Concen: 54.249 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057046.D
 Acq: 1 Aug 2019 18:41

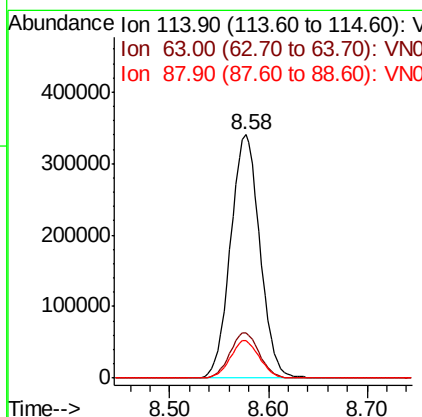
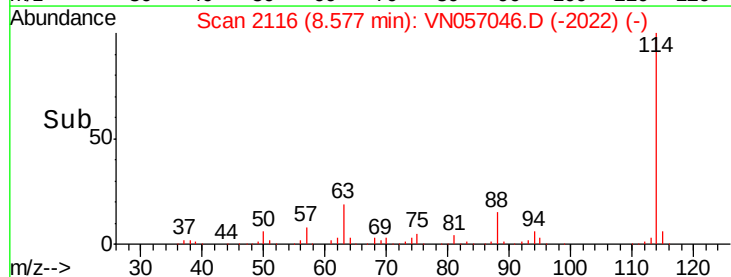
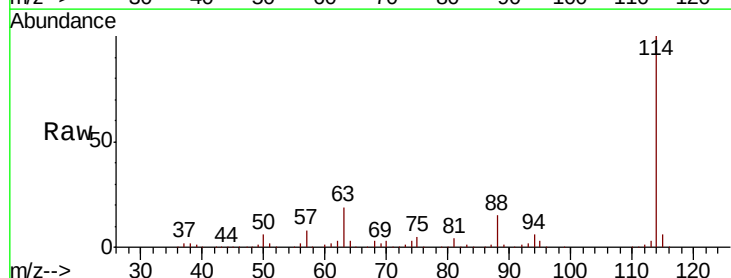
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB203-GW-498-500MSD

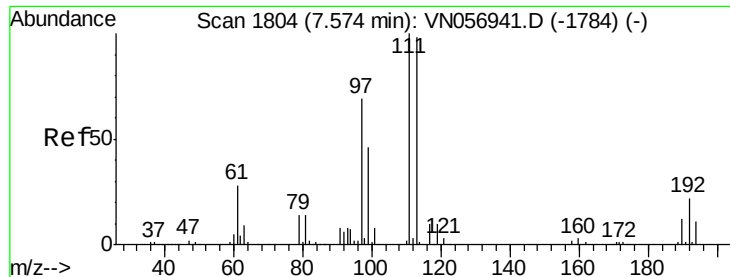
Tot Ion: 65 Resp: 260272
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057046.D
 Acq: 1 Aug 2019 18:41

Tgt Ion: 114 Resp: 701575
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 38.0
 88 15.3 0.0 30.0

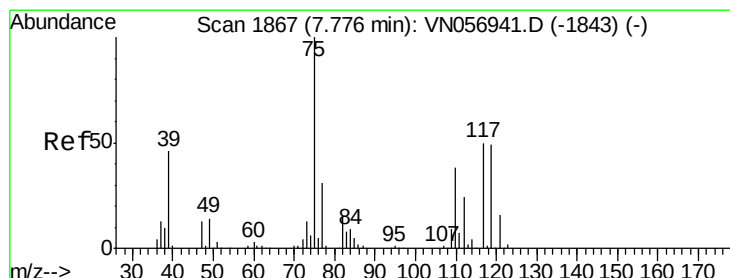
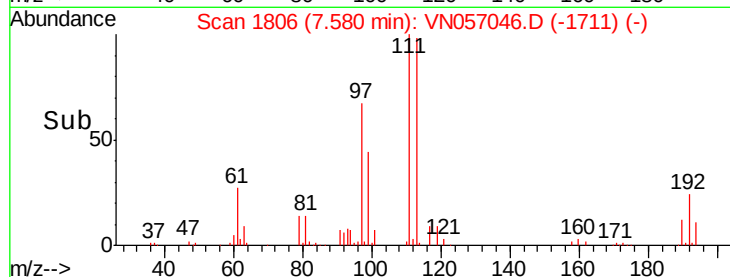
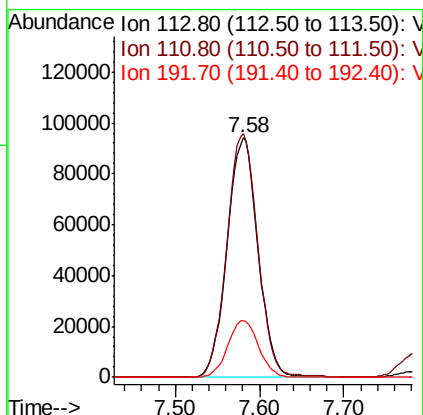
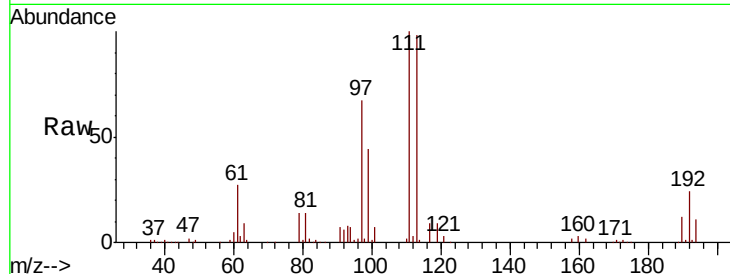




#35
 Dibromofluoromethane
 Concen: 53.406 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. 0.01 min
 Lab File: VN057046.D
 Acq: 1 Aug 2019 18:41

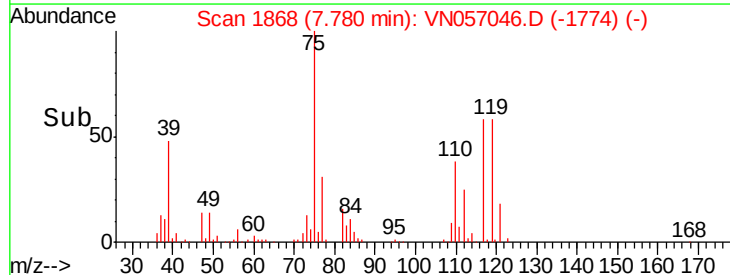
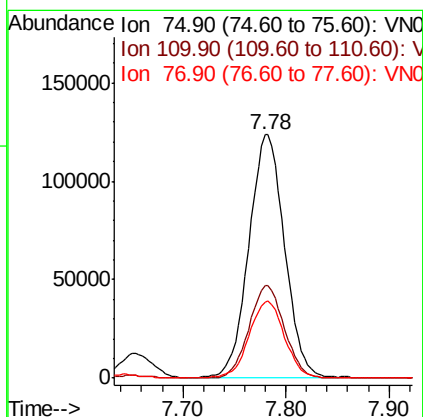
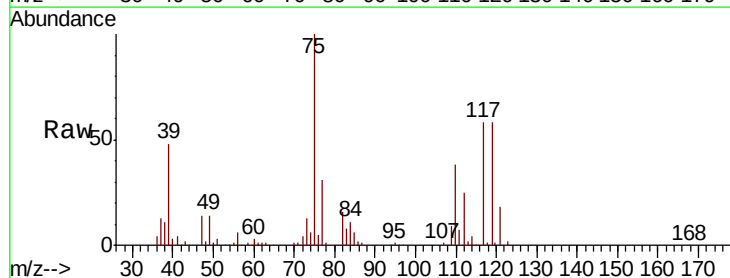
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB203-GW-498-500MSD

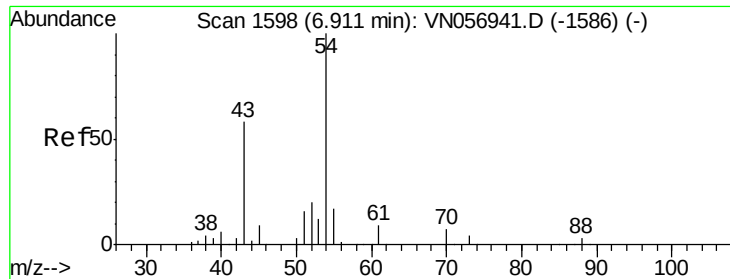
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.0	123.0
192	23.6	18.4	27.6



#36
 1,1-Dichloropropene
 Concen: 47.998 ug/l
 RT: 7.78 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN057046.D
 Acq: 1 Aug 2019 18:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.6	18.6	55.8
77	31.5	25.2	37.8

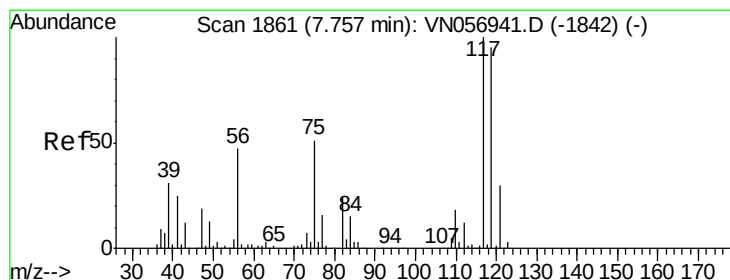
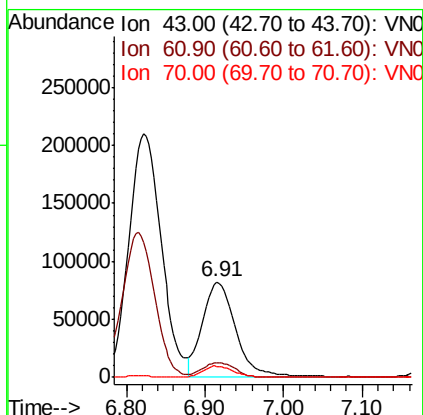
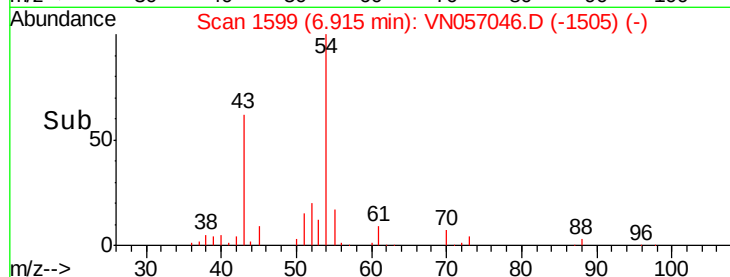
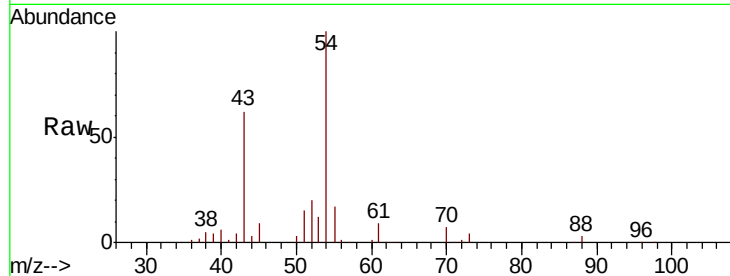




#37
Ethyl Acetate
Concen: 47.914 ug/l
RT: 6.91 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN057046.D
Acq: 1 Aug 2019 18:41

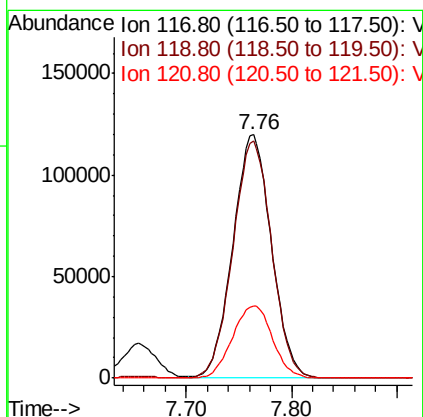
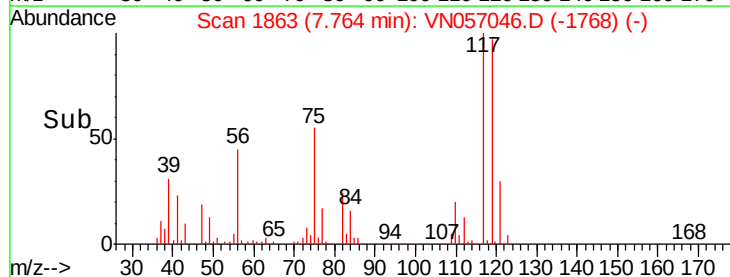
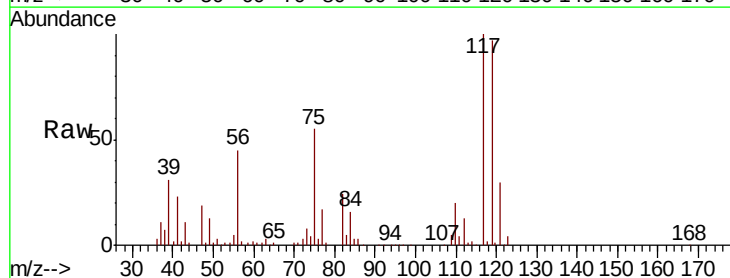
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB203-GW-498-500MSD

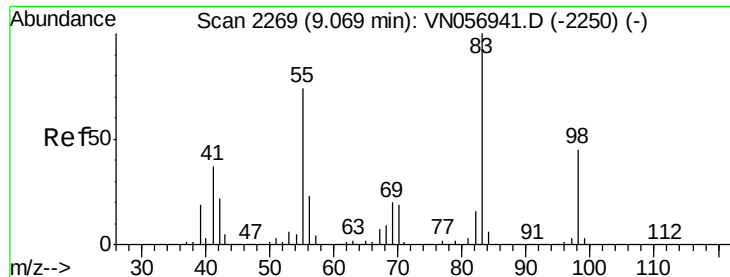
Tot Ion: 43 Resp: 236901
Ion Ratio Lower Upper
43 100
61 14.8 11.8 17.6
70 11.2 8.5 12.7



#38
Carbon Tetrachloride
Concen: 52.179 ug/l
RT: 7.76 min Scan# 1863
Delta R.T. 0.01 min
Lab File: VN057046.D
Acq: 1 Aug 2019 18:41

Tgt Ion: 117 Resp: 304694
Ion Ratio Lower Upper
117 100
119 97.2 75.3 112.9
121 29.6 24.2 36.4

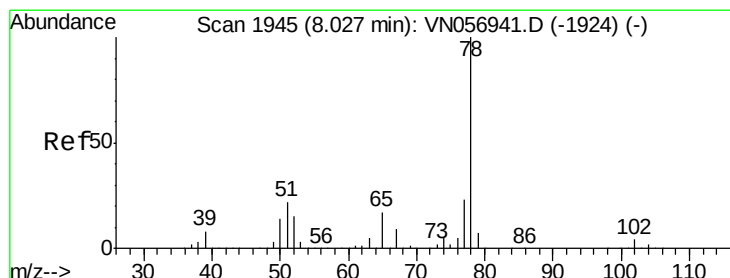
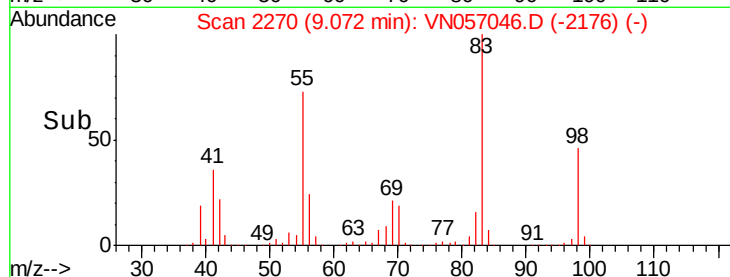
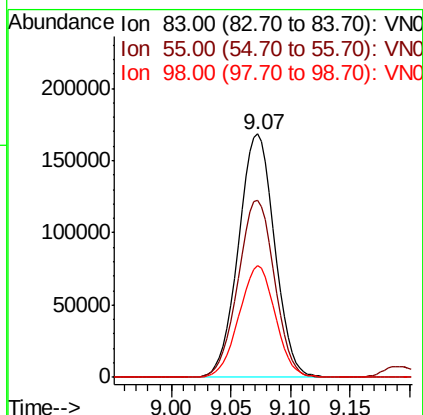
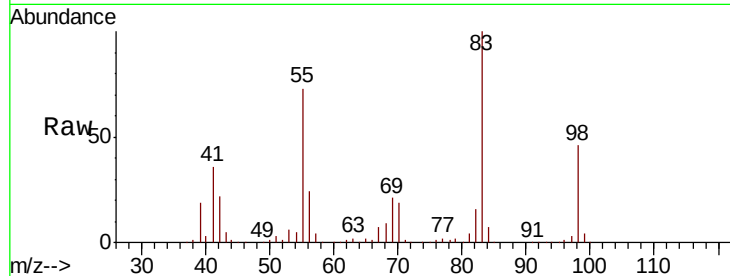




#39
Methylvlcyclohexane
Concen: 44.953 ug/l
RT: 9.07 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VN057046.D
Acq: 1 Aug 2019 18:41

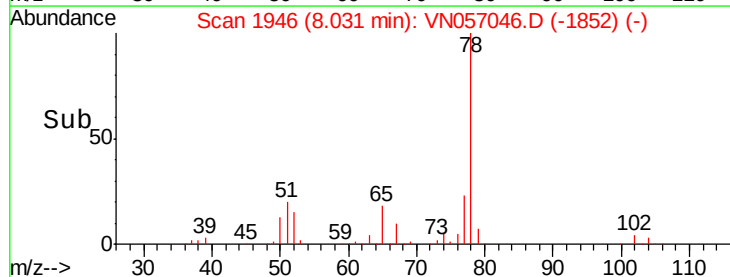
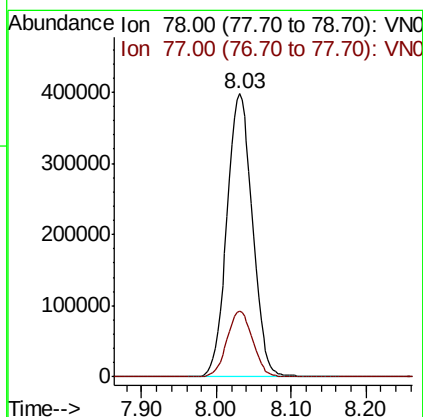
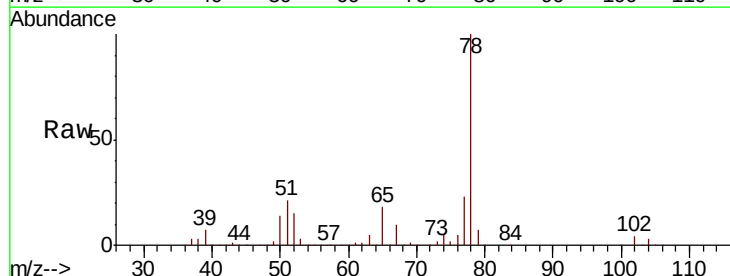
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB203-GW-498-500MSD

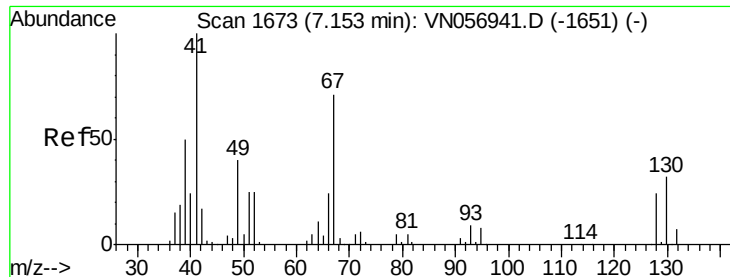
Tot Ion: 83 Resp: 354683
Ion Ratio Lower Upper
83 100
55 72.8 59.0 88.6
98 45.8 36.2 54.4



#40
Benzene
Concen: 49.585 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN057046.D
Acq: 1 Aug 2019 18:41

Tgt Ion: 78 Resp: 942809
Ion Ratio Lower Upper
78 100
77 23.4 18.3 27.5

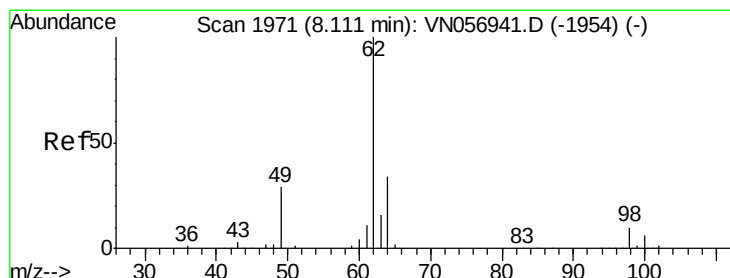
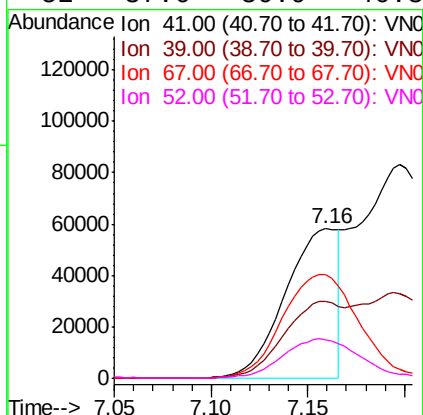
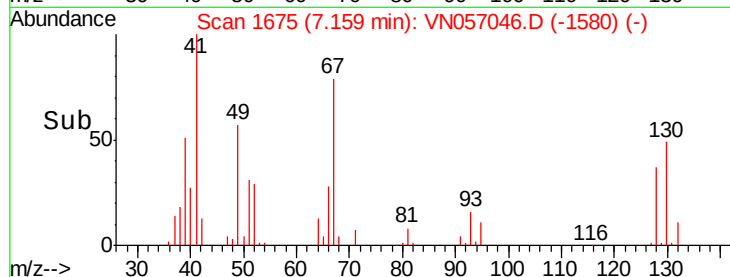
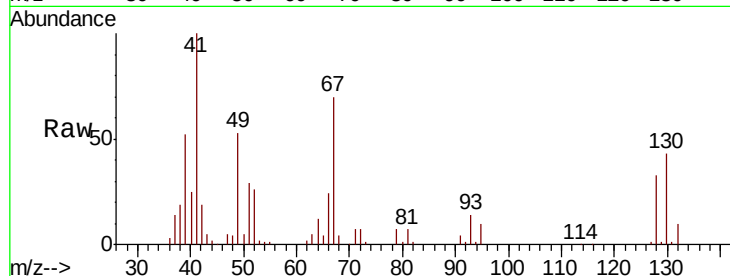




#41
Methacrylonitrile
Concen: 48.426 ug/l
RT: 7.16 min Scan# 1675
Delta R.T. 0.01 min
Lab File: VN057046.D
Acq: 1 Aug 2019 18:41

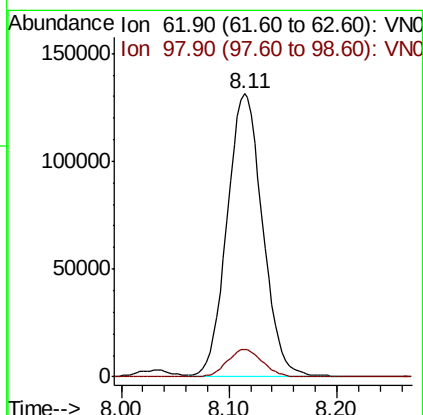
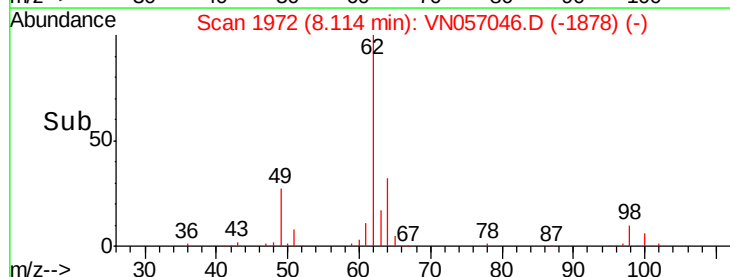
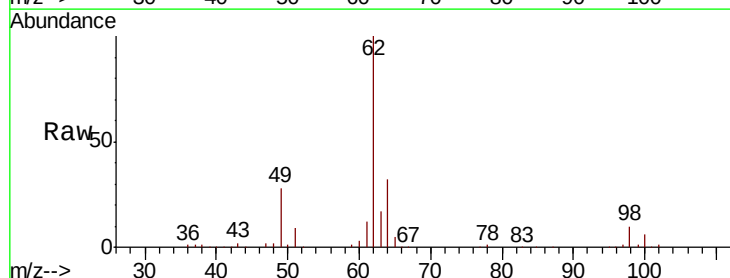
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB203-GW-498-500MSD

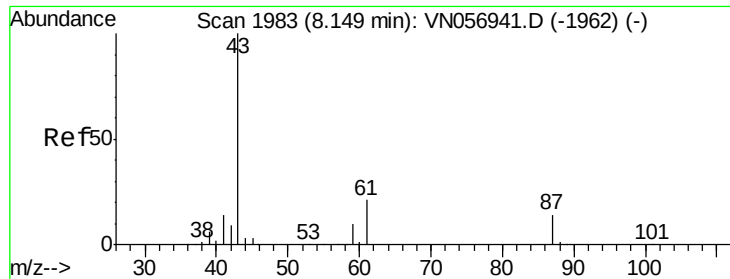
Tot Ion: 41 Resp: 110689
Ion Ratio Lower Upper
41 100
39 56.9 48.9 73.3
67 101.5 83.4 125.0
52 37.6 30.9 46.3



#42
1,2-Dichloroethane
Concen: 50.417 ug/l
RT: 8.11 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VN057046.D
Acq: 1 Aug 2019 18:41

Tgt Ion: 62 Resp: 300444
Ion Ratio Lower Upper
62 100
98 9.7 0.0 20.6





#43

Isopropyl Acetate

Concen: 48.175 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN057046.D

Acq: 1 Aug 2019 18:41

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB203-GW-498-500MSD

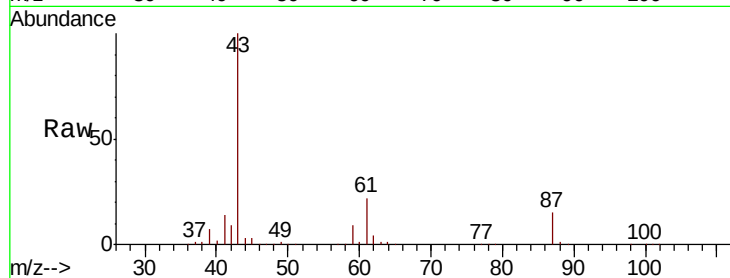
Tot Ion: 43 Resp: 393688

Ion Ratio Lower Upper

43 100

61 30.5 23.0 34.6

87 15.0 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VN056941.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN056941.D (-1962) (-)

Ion 87.00 (86.70 to 87.70): VN056941.D (-1962) (-)

8.15

250000

200000

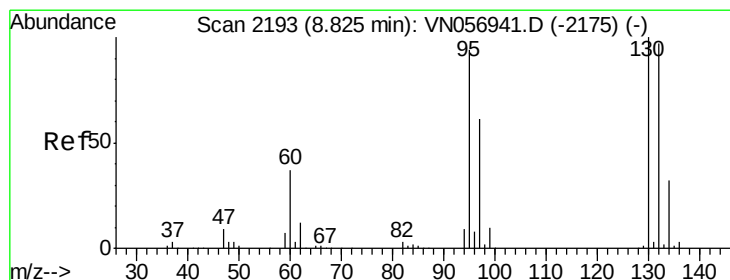
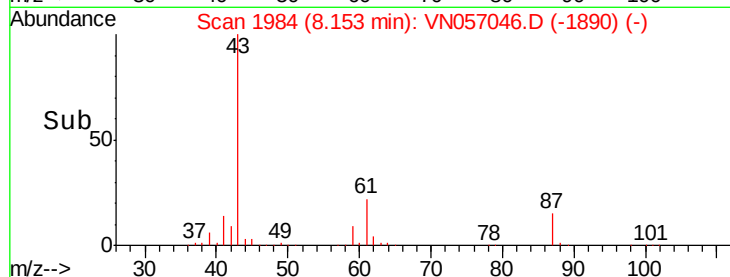
150000

100000

50000

0

Time-->



#44

Trichloroethene

Concen: 50.193 ug/l

RT: 8.83 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VN057046.D

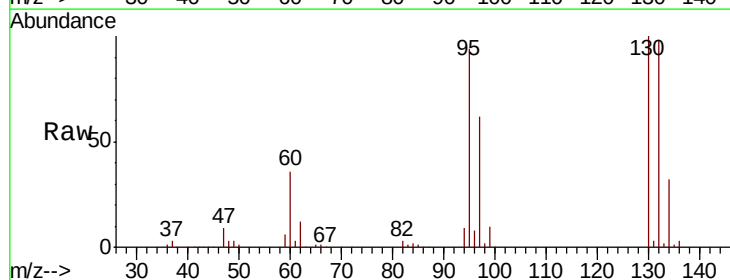
Acq: 1 Aug 2019 18:41

Tgt Ion:130 Resp: 262930

Ion Ratio Lower Upper

130 100

95 94.0 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): VN056941.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN056941.D (-2175) (-)

8.83

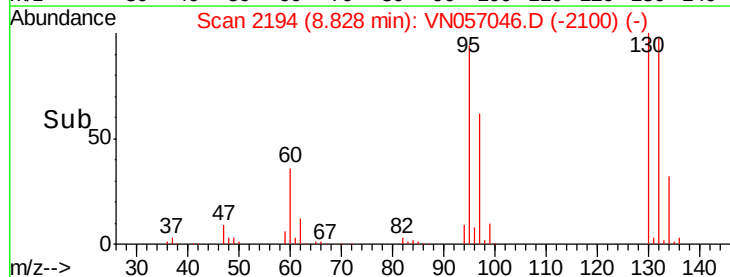
150000

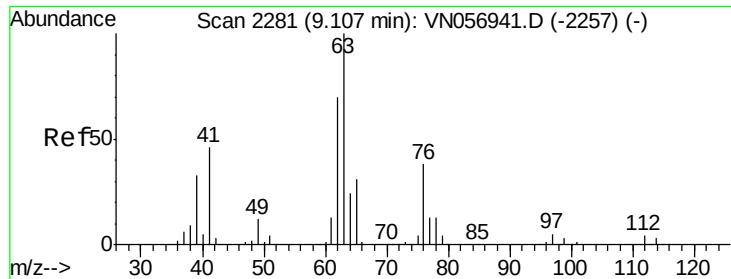
100000

50000

0

Time-->

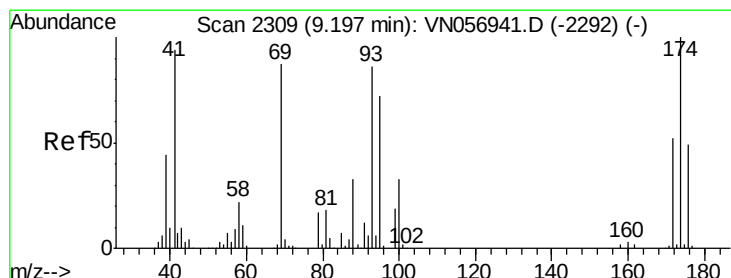
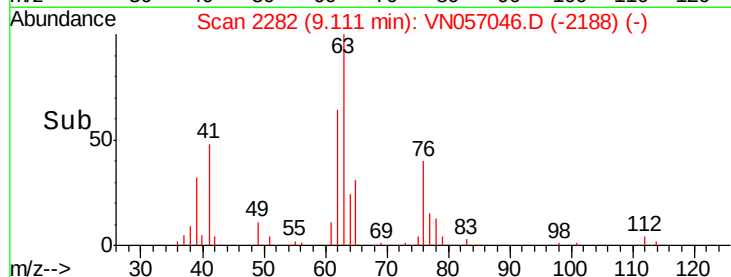
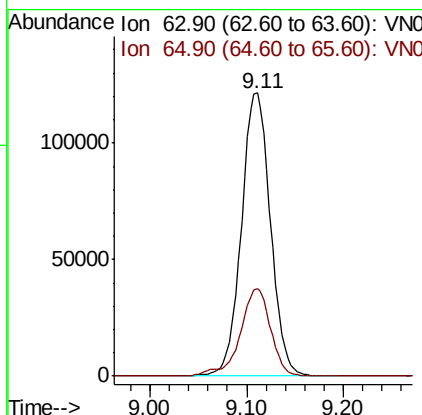
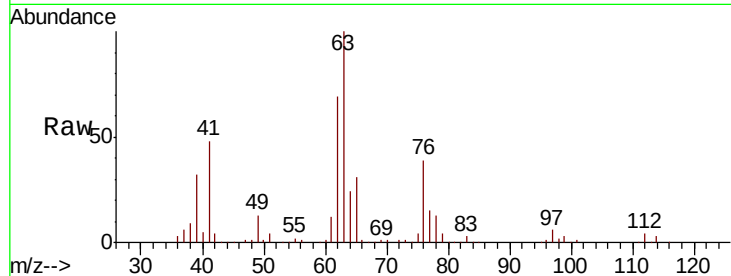




#45
 1,2-Dichloropropane
 Concen: 49.753 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN057046.D
 Acq: 1 Aug 2019 18:41

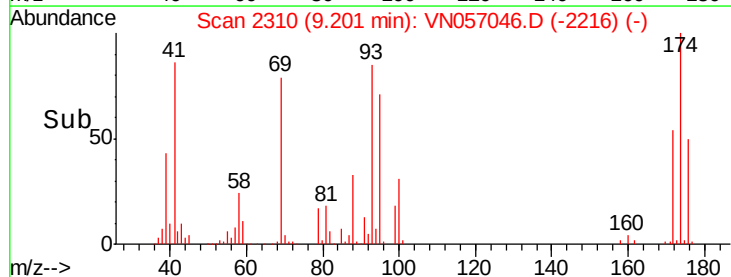
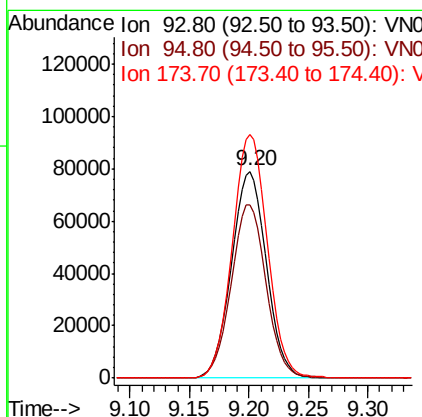
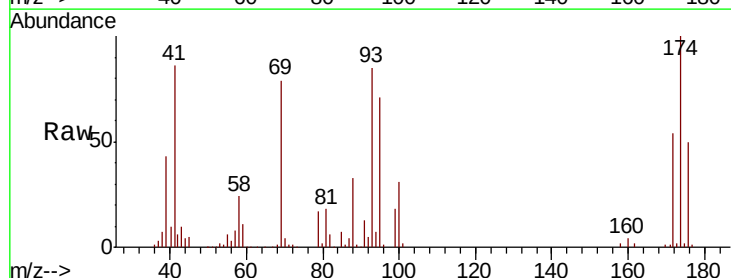
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB203-GW-498-500MSD

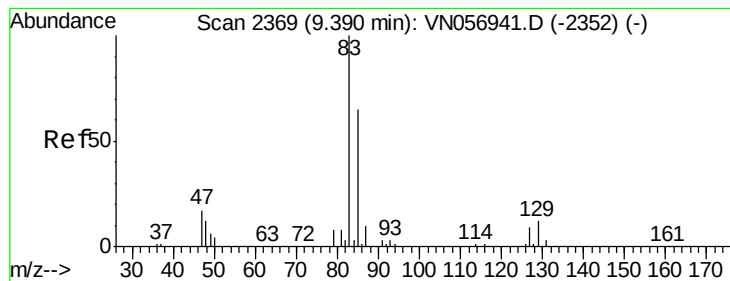
Tot Ion: 63 Resp: 253035
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.8 37.2



#46
 Dibromomethane
 Concen: 52.502 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN057046.D
 Acq: 1 Aug 2019 18:41

Tgt Ion: 93 Resp: 161030
 Ion Ratio Lower Upper
 93 100
 95 83.7 67.0 100.6
 174 118.1 92.7 139.1





#47

Bromodichloromethane

Concen: 53.125 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN057046.D

Acq: 1 Aug 2019 18:41

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB203-GW-498-500MSD

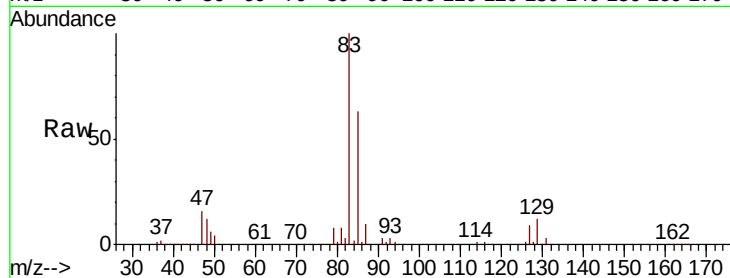
Tot Ion: 83 Resp: 320361

Ion Ratio Lower Upper

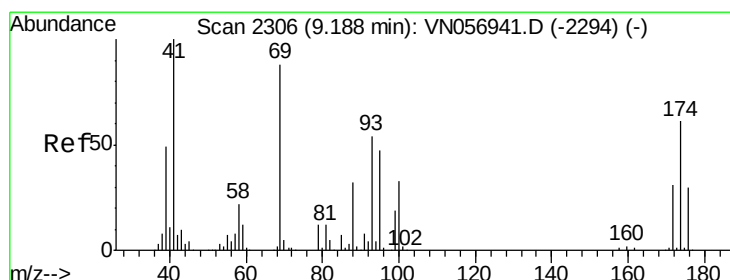
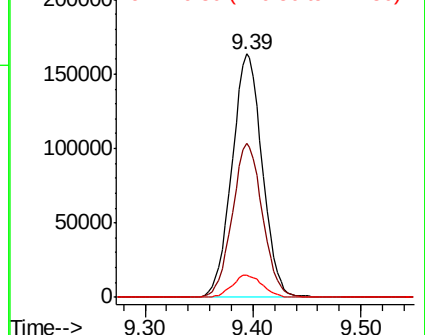
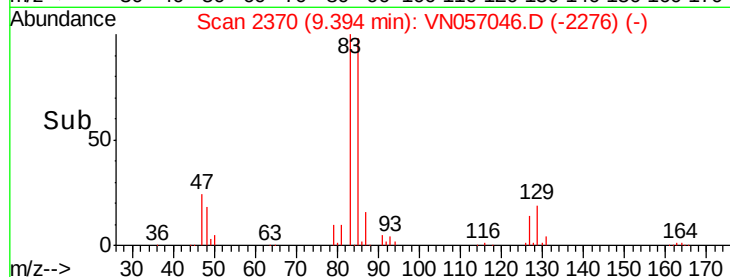
83 100

85 63.1 51.6 77.4

127 9.1 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VN057046.D (-2276) (-)



#48

Methyl methacrylate

Concen: 52.067 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN057046.D

Acq: 1 Aug 2019 18:41

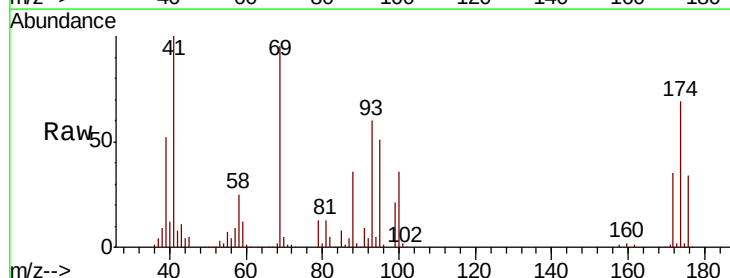
Tgt Ion: 41 Resp: 205430

Ion Ratio Lower Upper

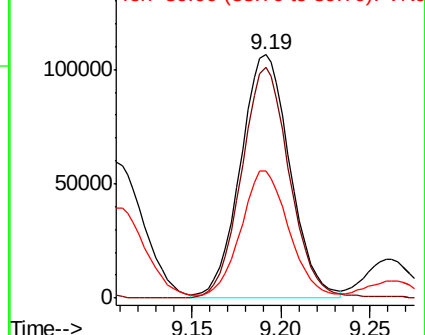
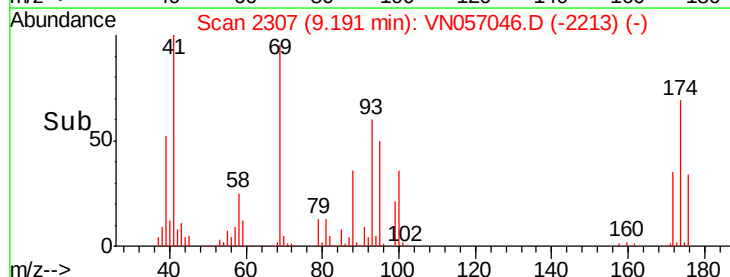
41 100

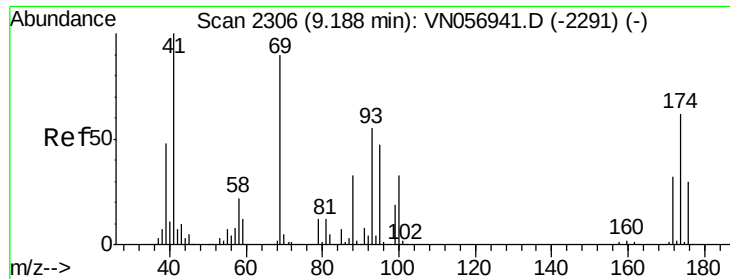
69 92.9 73.4 110.0

39 51.2 39.9 59.9



Abundance Ion 41.00 (40.70 to 41.70): VN057046.D (-2213) (-)

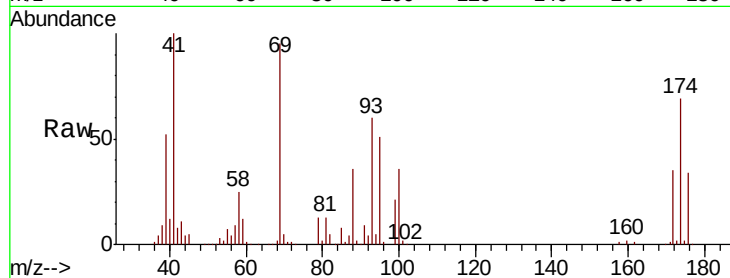




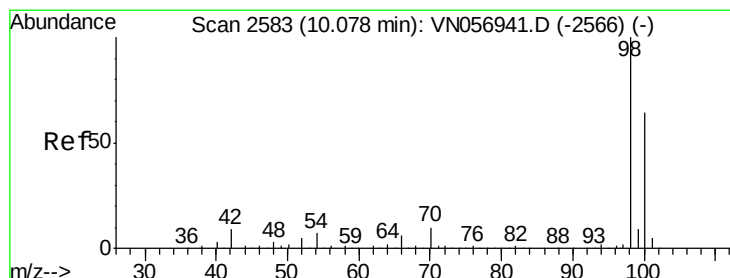
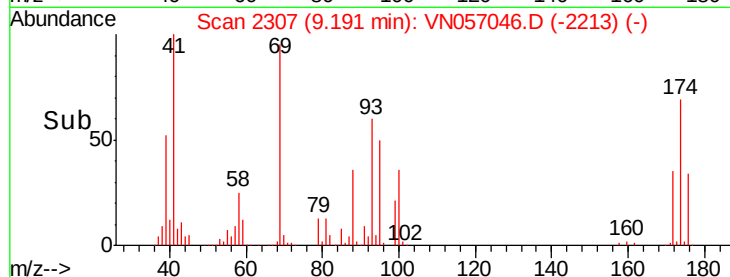
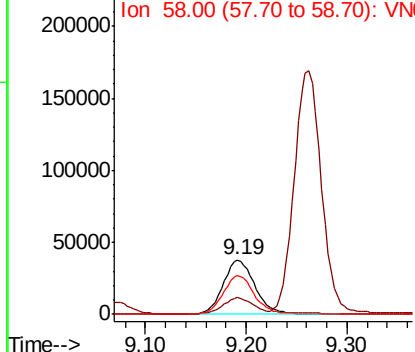
#49
1,4-Dioxane
Concen: 1027.686 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VN057046.D
Acq: 1 Aug 2019 18:41

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB203-GW-498-500MSD

Tot Ion: 88 Resp: 83559
Ion Ratio Lower Upper
88 100
43 28.4 22.2 33.2
58 69.2 54.1 81.1

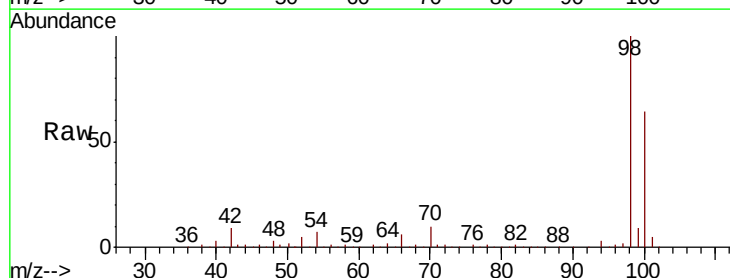


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

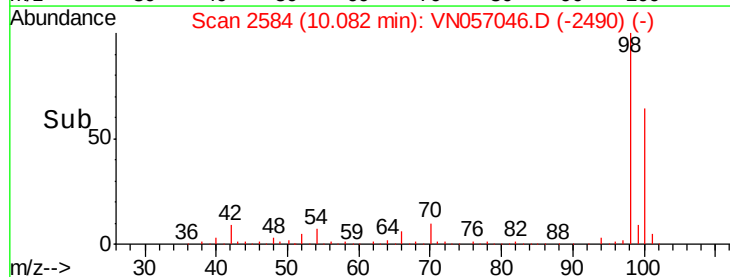
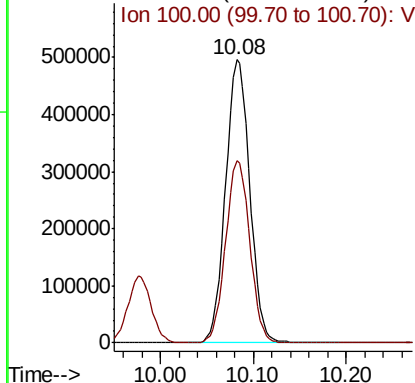


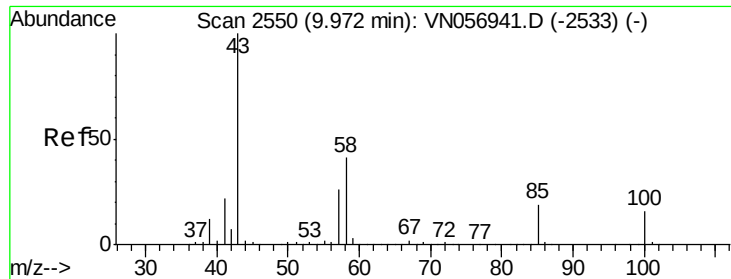
#50
Toluene-d8
Concen: 52.458 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN057046.D
Acq: 1 Aug 2019 18:41

Tgt Ion: 98 Resp: 898470
Ion Ratio Lower Upper
98 100
100 64.3 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 257.544 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN057046.D

Acq: 1 Aug 2019 18:41

Instrument :

MSVOA_N

ClientSampleId :

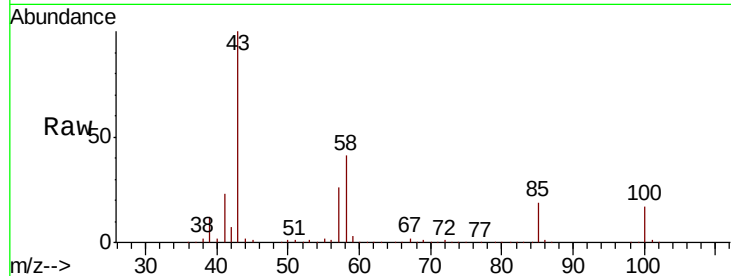
BP-VPB203-GW-498-500MSD

Tot Ion: 43 Resp: 1250523

Ion Ratio Lower Upper

43 100

58 41.5 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VN056941.D (-2533) (-)

Ion 58.00 (57.70 to 58.70): VN056941.D (-2533) (-)

9.98

800000

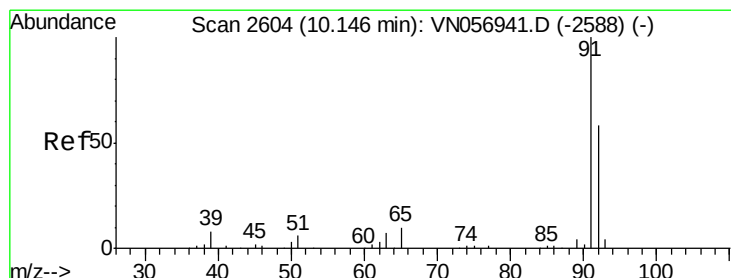
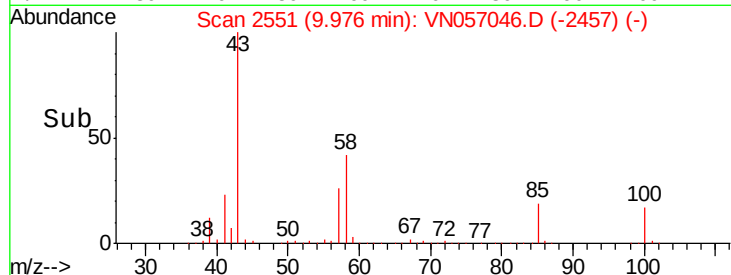
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 51.056 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN057046.D

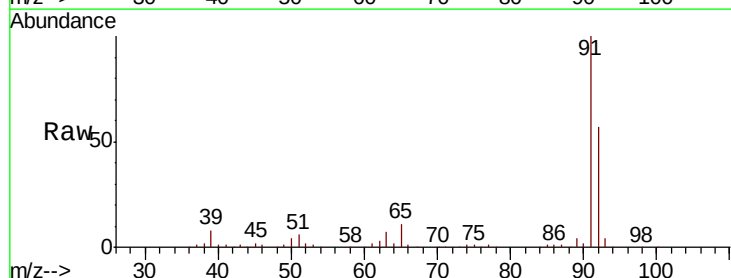
Acq: 1 Aug 2019 18:41

Tgt Ion: 92 Resp: 583258

Ion Ratio Lower Upper

92 100

91 175.3 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VN056941.D (-2588) (-)

Ion 91.00 (90.70 to 91.70): VN056941.D (-2588) (-)

10.15

600000

500000

400000

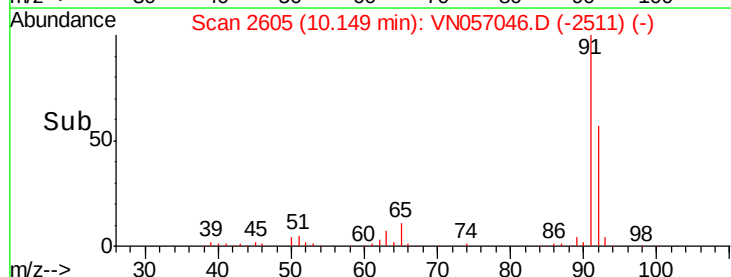
300000

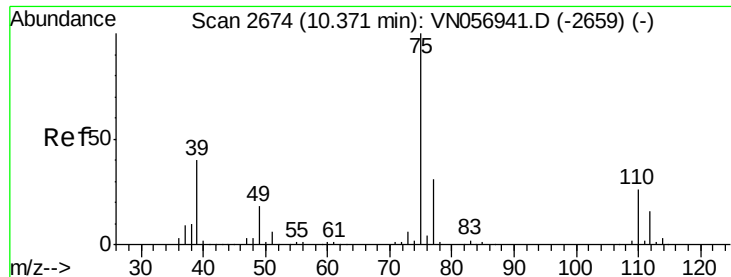
200000

100000

0

Time-->

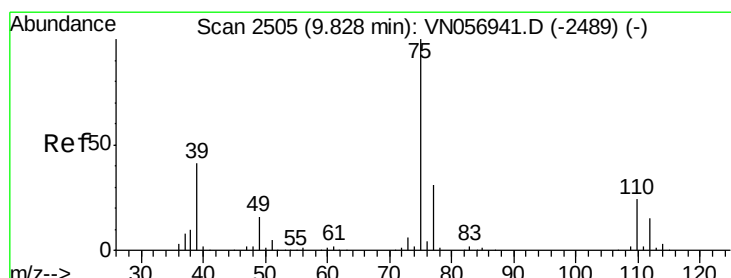
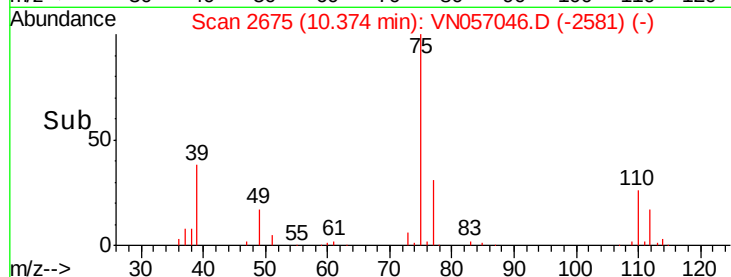
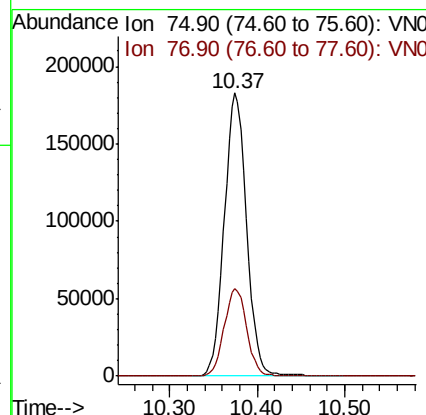
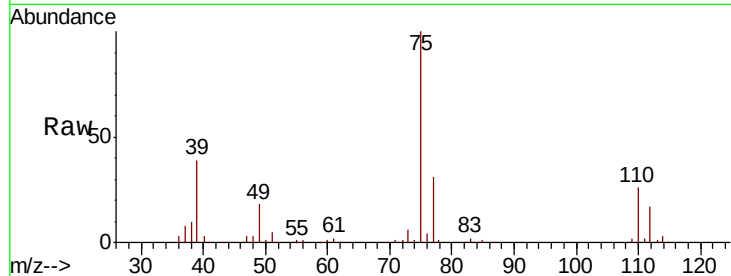




#53
 t-1,3-Dichloropropene
 Concen: 51.697 ug/l
 RT: 10.37 min Scan# 2675
 Delta R.T. 0.00 min
 Lab File: VN057046.D
 Acq: 1 Aug 2019 18:41

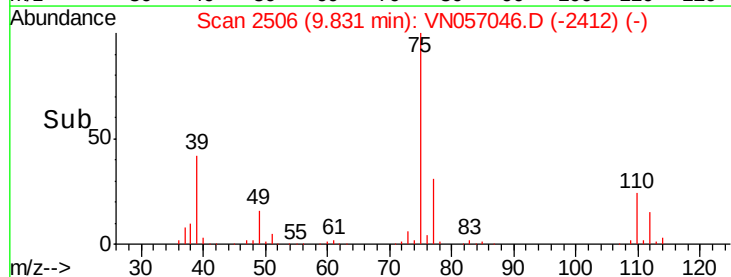
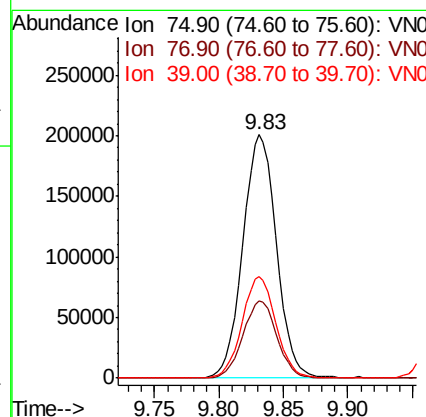
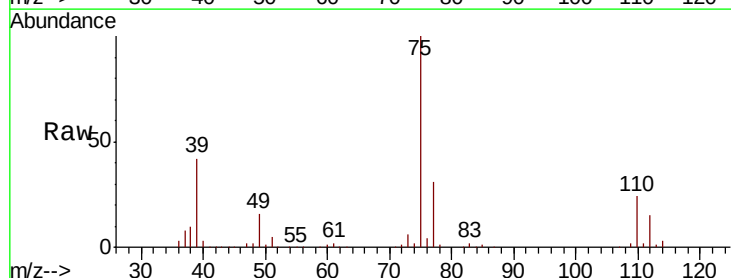
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB203-GW-498-500MSD

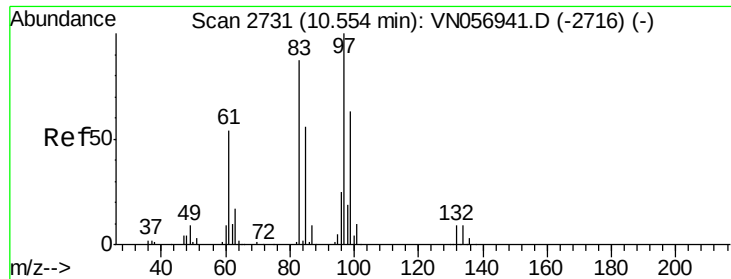
Tot Ion: 75 Resp: 323508
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 50.185 ug/l
 RT: 9.83 min Scan# 2506
 Delta R.T. 0.00 min
 Lab File: VN057046.D
 Acq: 1 Aug 2019 18:41

Tgt Ion: 75 Resp: 365144
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.0 37.6
 39 41.7 32.6 49.0



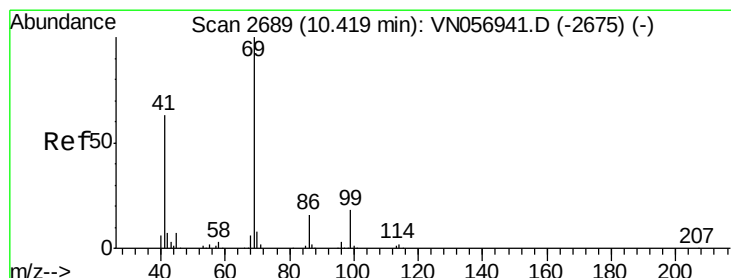
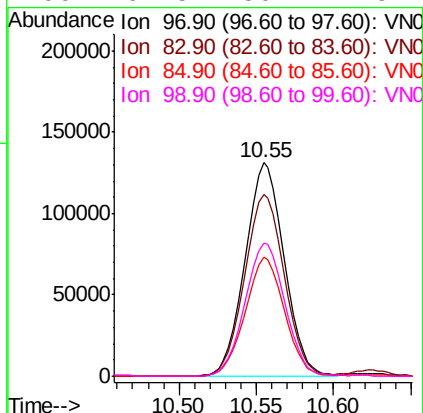
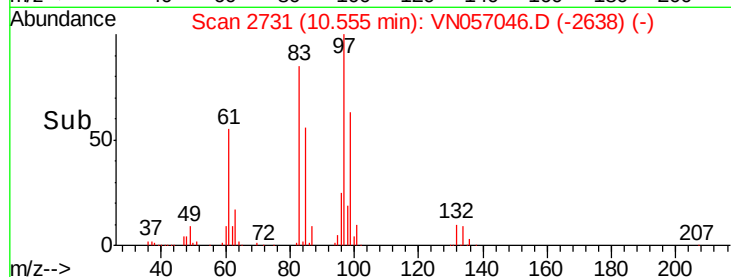
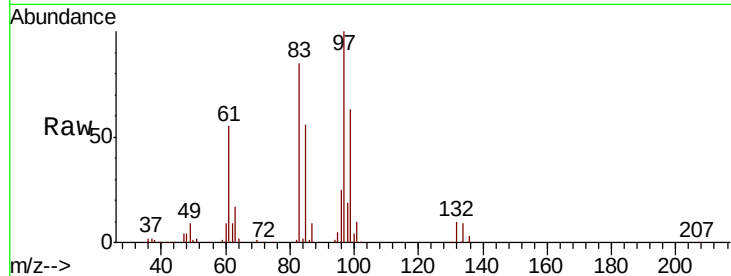


#55
 1,1,2-Trichloroethane
 Concen: 50.457 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. 0.00 min
 Lab File: VN057046.D
 Acq: 1 Aug 2019 18:41

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB203-GW-498-500MSD

Tot Ion: 97 Resp: 231162

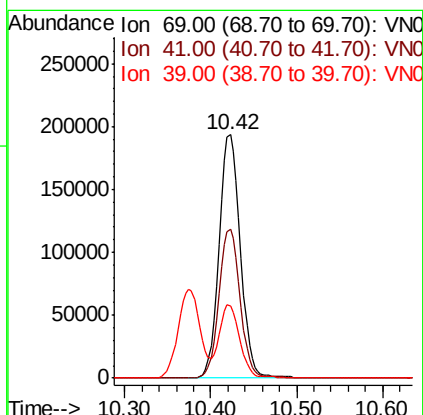
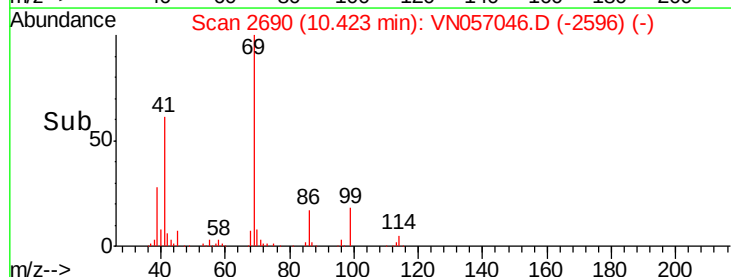
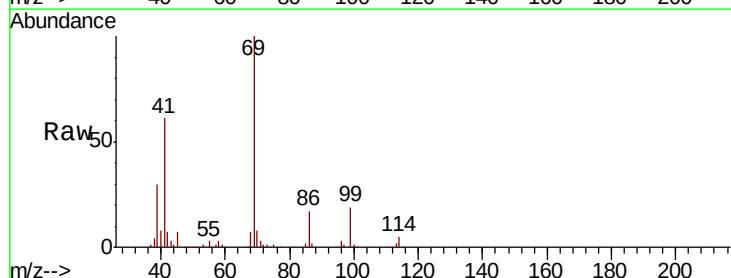
Ion	Ratio	Lower	Upper
97	100		
83	85.4	69.4	104.0
85	55.9	44.7	67.1
99	62.5	50.1	75.1

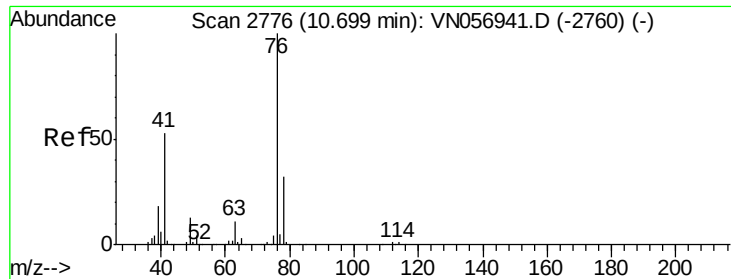


#56
 Ethyl methacrylate
 Concen: 48.164 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN057046.D
 Acq: 1 Aug 2019 18:41

Tgt Ion: 69 Resp: 332768

Ion	Ratio	Lower	Upper
69	100		
41	60.2	49.2	73.8
39	29.1	23.1	34.7

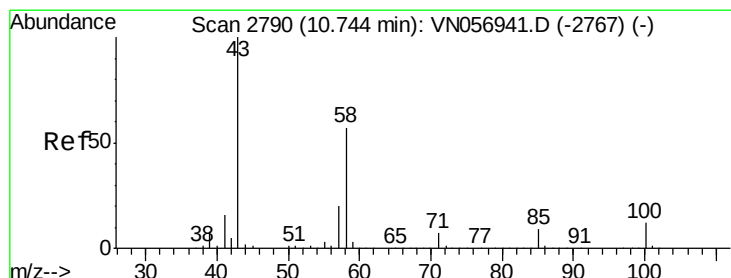
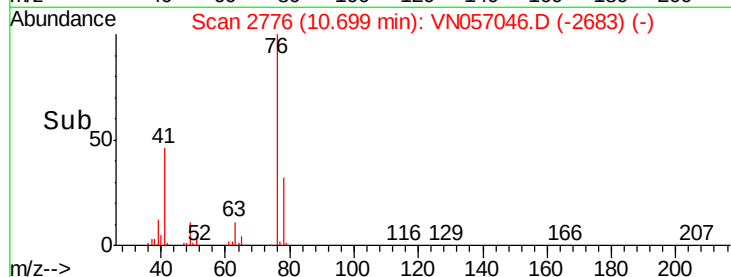
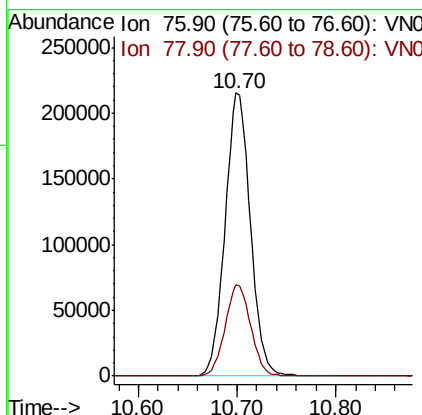
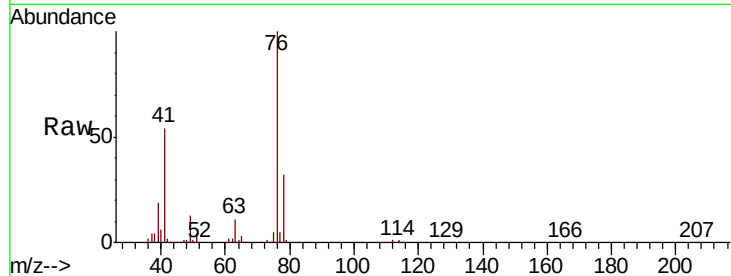




#57
 1,3-Dichloropropane
 Concen: 50.982 ug/l
 RT: 10.70 min Scan# 2776
 Delta R.T. 0.00 min
 Lab File: VN057046.D
 Acq: 1 Aug 2019 18:41

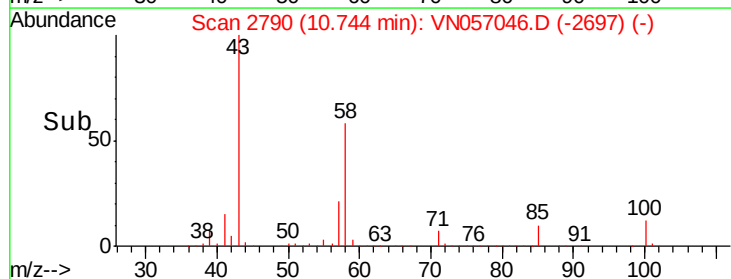
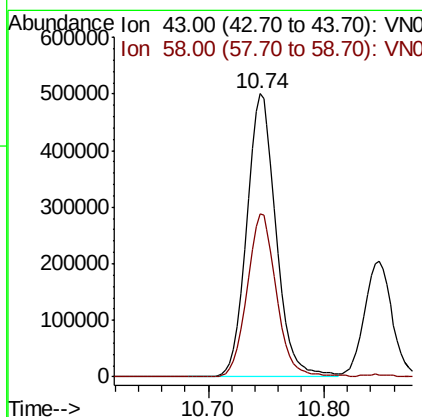
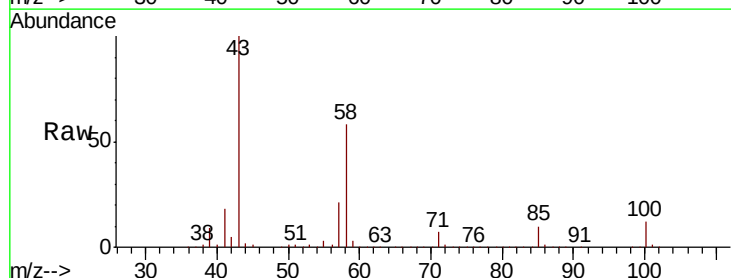
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB203-GW-498-500MSD

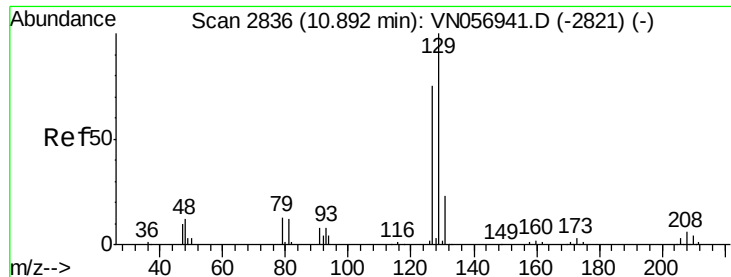
Tot Ion: 76 Resp: 387304
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.9 38.9



#59
 2-Hexanone
 Concen: 235.525 ug/l
 RT: 10.74 min Scan# 2790
 Delta R.T. 0.00 min
 Lab File: VN057046.D
 Acq: 1 Aug 2019 18:41

Tgt Ion: 43 Resp: 880142
 Ion Ratio Lower Upper
 43 100
 58 57.8 28.5 85.5





#60

Dibromochloromethane

Concen: 53.897 ug/l

RT: 10.90 min Scan# 2837

Delta R.T. 0.00 min

Lab File: VN057046.D

Acq: 1 Aug 2019 18:41

Instrument :

MSVOA_N

ClientSampleId :

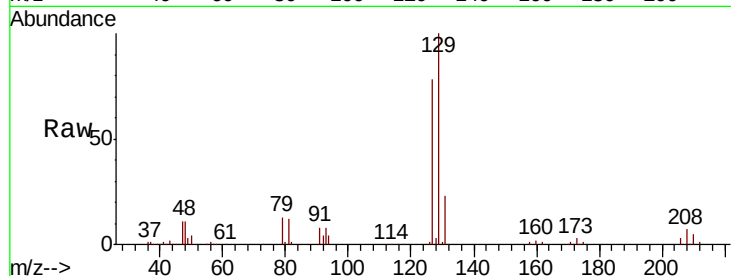
BP-VPB203-GW-498-500MSD

Tot Ion:129 Resp: 252975

Ion Ratio Lower Upper

129 100

127 78.0 38.0 113.9



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

10.90

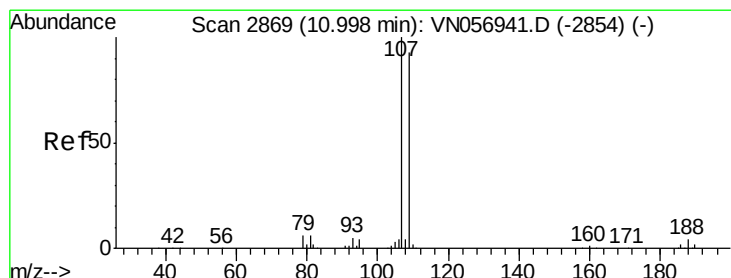
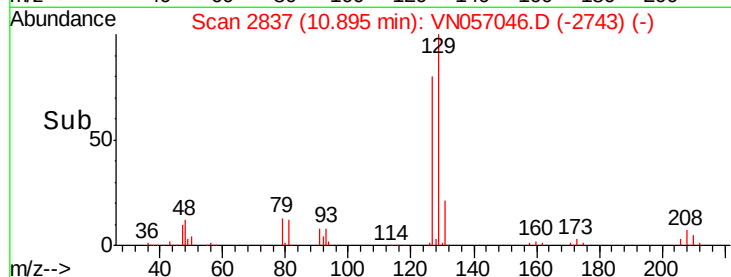
150000

100000

50000

0

Time--> 10.80 10.90



#61

1,2-Dibromoethane

Concen: 54.182 ug/l

RT: 11.00 min Scan# 2869

Delta R.T. 0.00 min

Lab File: VN057046.D

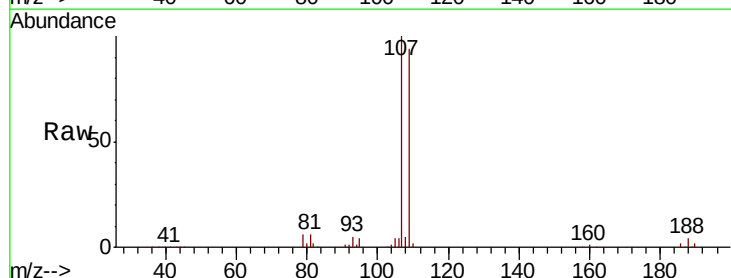
Acq: 1 Aug 2019 18:41

Tgt Ion:107 Resp: 242243

Ion Ratio Lower Upper

107 100

109 94.0 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.00

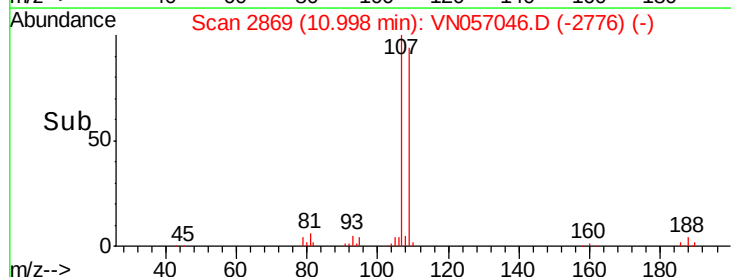
150000

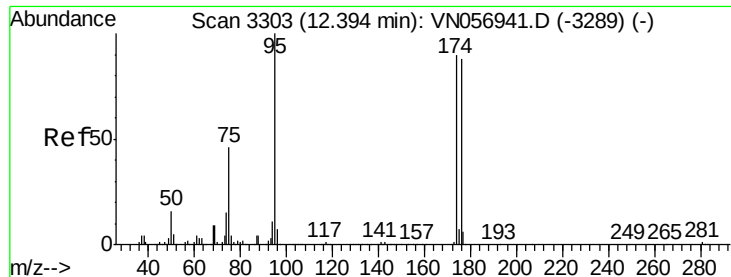
100000

50000

0

Time--> 10.90 11.00 11.10

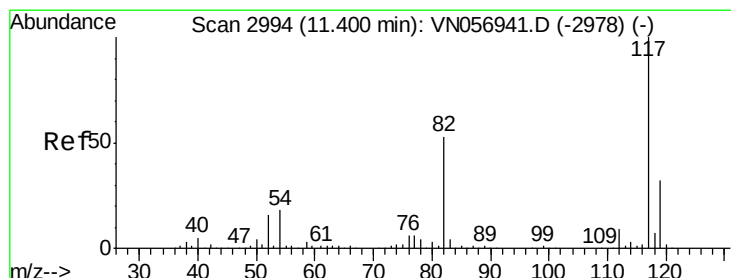
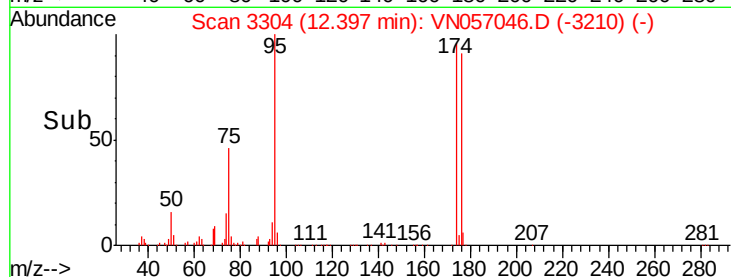
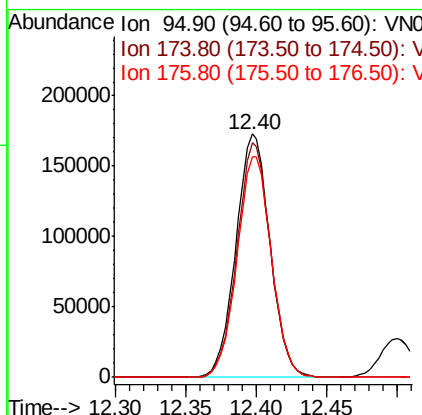
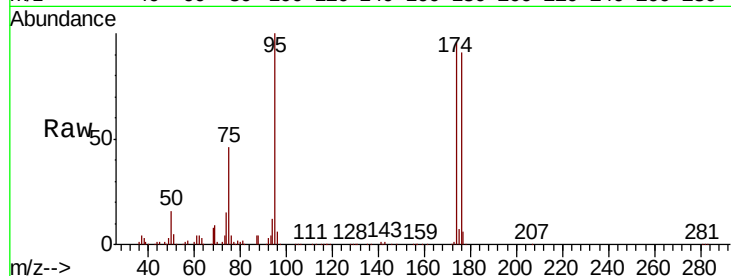




#62
4-Bromofluorobenzene
Concen: 52.591 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN057046.D
Acq: 1 Aug 2019 18:41

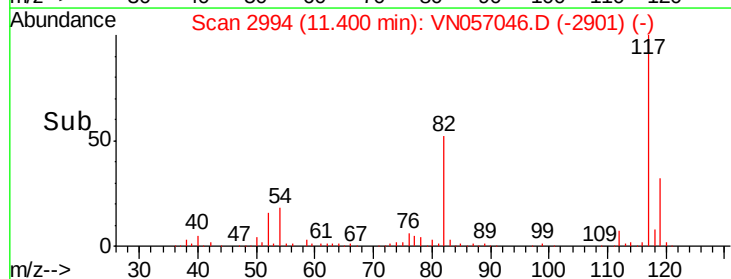
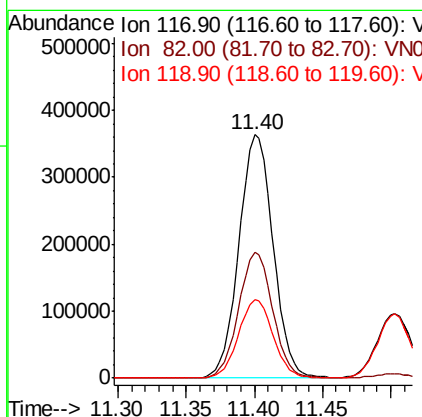
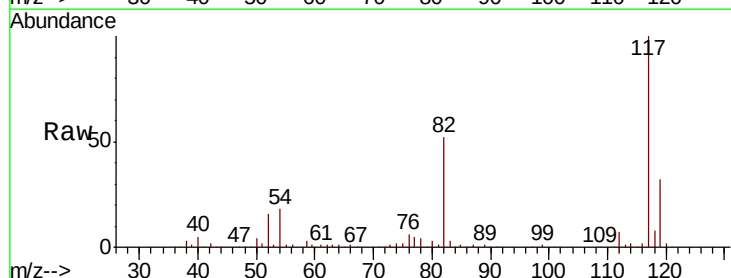
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB203-GW-498-500MSD

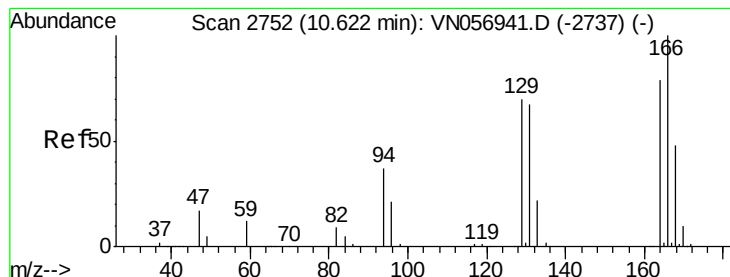
Tot Ion: 95 Resp: 293232
Ion Ratio Lower Upper
95 100
174 94.7 0.0 182.2
176 91.1 0.0 179.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN057046.D
Acq: 1 Aug 2019 18:41

Tgt Ion: 117 Resp: 633521
Ion Ratio Lower Upper
117 100
82 51.8 42.2 63.4
119 32.2 25.8 38.6





#64

Tetrachloroethene

Concen: 48.899 ug/l

RT: 10.63 min Scan# 2753

Delta R.T. 0.00 min

Lab File: VN057046.D

Acq: 1 Aug 2019 18:41

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB203-GW-498-500MSD

Tot Ion:164 Resp: 266957

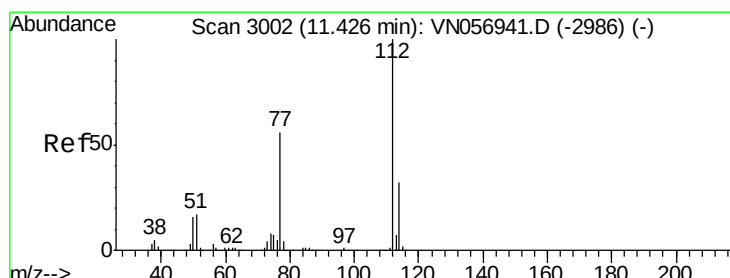
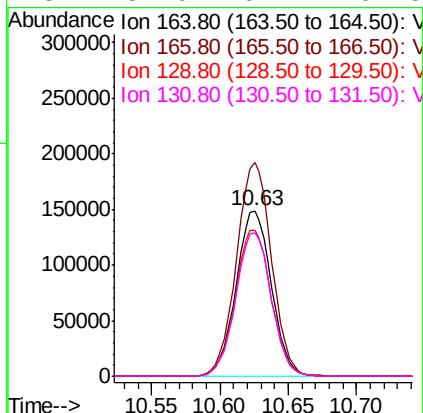
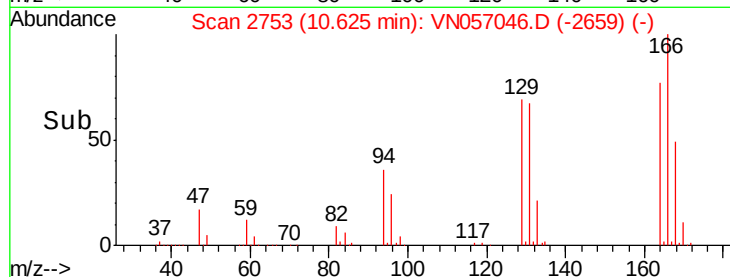
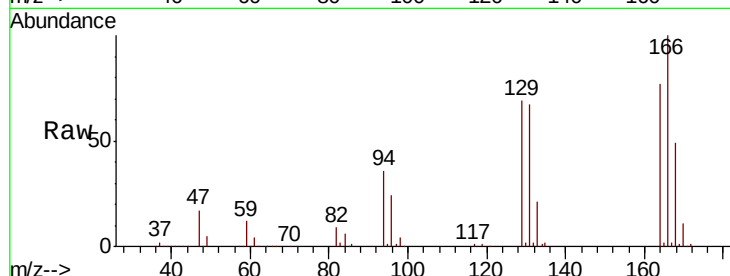
Ion Ratio Lower Upper

164 100

166 129.2 101.1 151.7

129 88.6 70.9 106.3

131 87.0 67.7 101.5



#65

Chlorobenzene

Concen: 49.501 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. 0.00 min

Lab File: VN057046.D

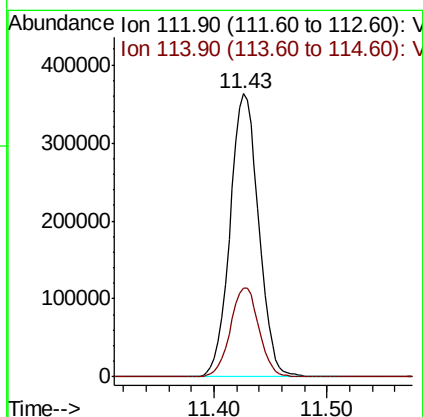
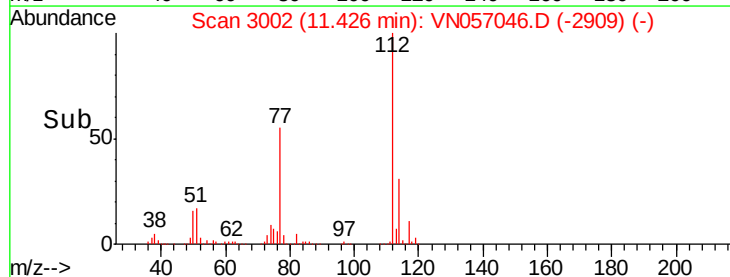
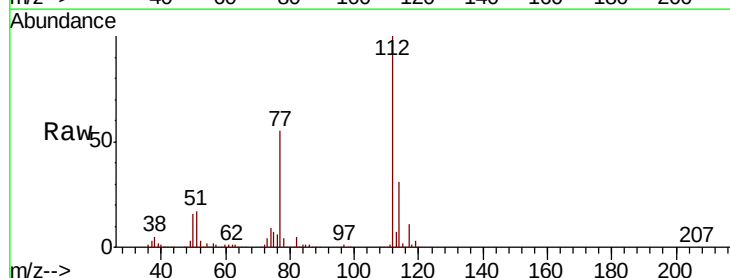
Acq: 1 Aug 2019 18:41

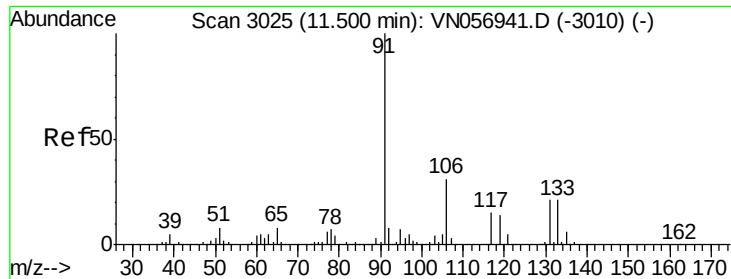
Tgt Ion:112 Resp: 639161

Ion Ratio Lower Upper

112 100

114 31.4 26.0 39.0





#66

1,1,1,2-Tetrachloroethane

Concen: 50.247 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN057046.D

Acq: 1 Aug 2019 18:41

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB203-GW-498-500MSD

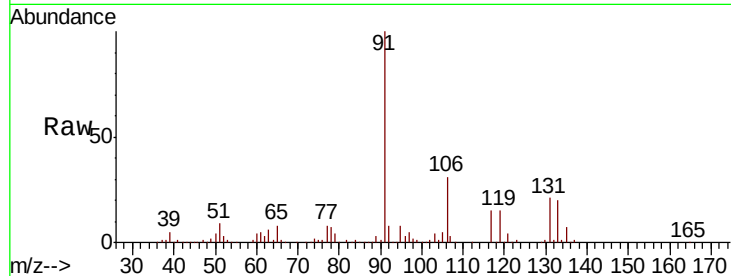
Tot Ion:131 Resp: 244195

Ion Ratio Lower Upper

131 100

133 95.6 48.0 144.0

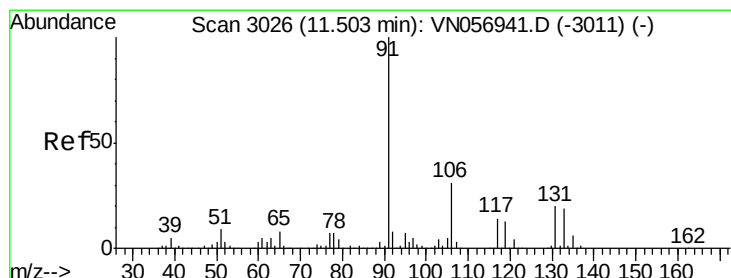
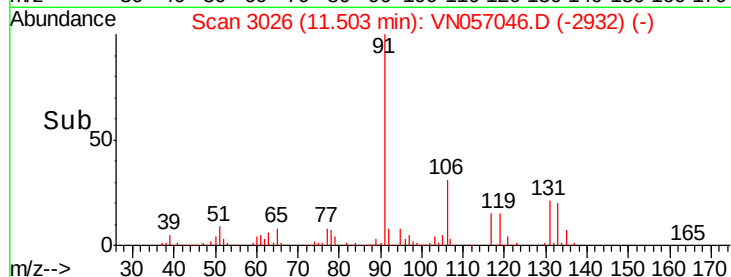
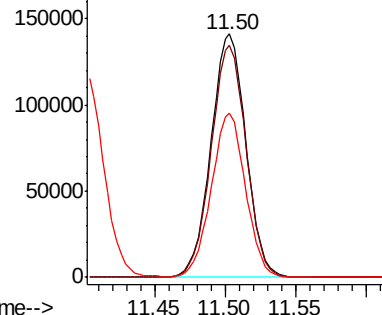
119 66.5 33.2 99.6



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 49.740 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN057046.D

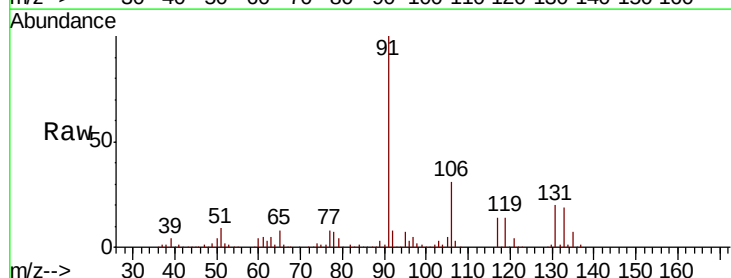
Acq: 1 Aug 2019 18:41

Tgt Ion: 91 Resp: 1110002

Ion Ratio Lower Upper

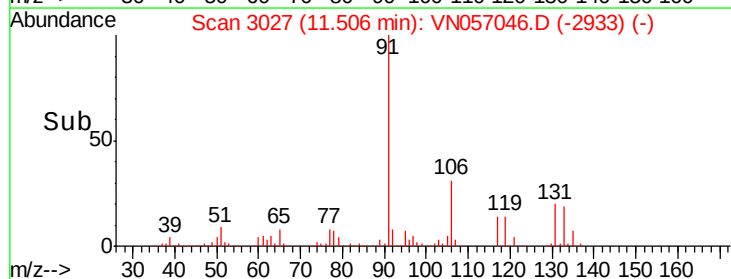
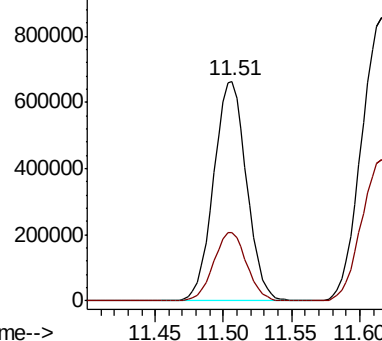
91 100

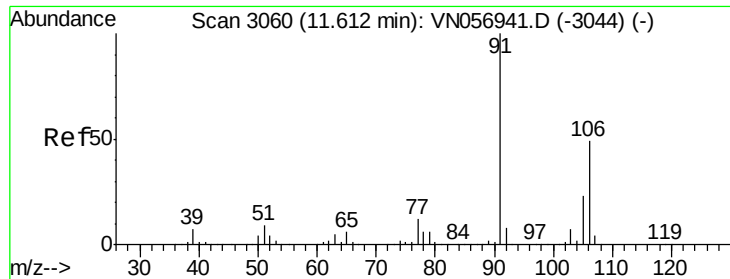
106 31.1 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

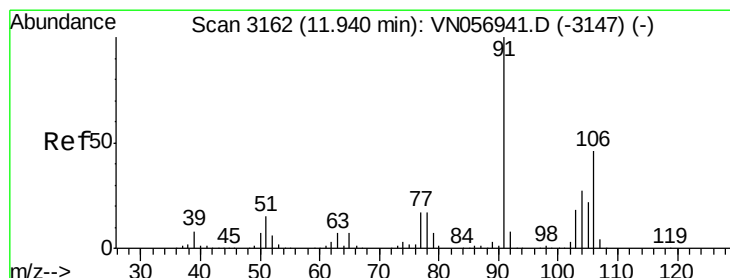
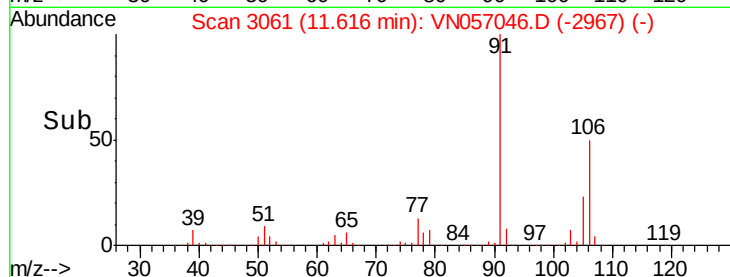
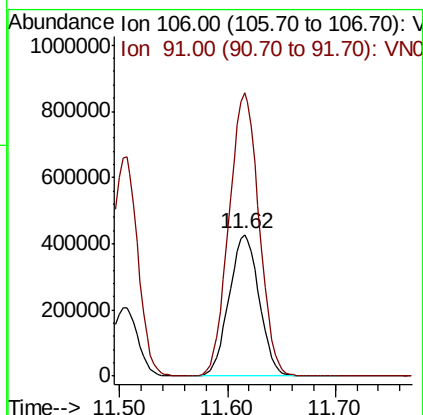
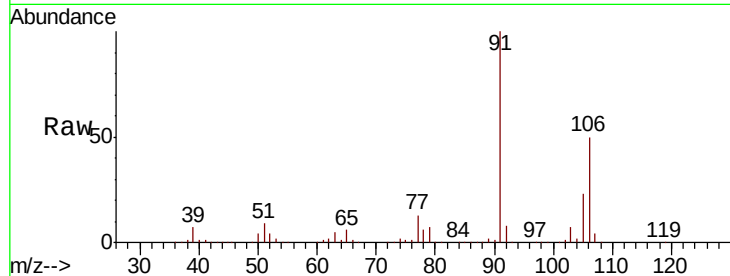




#68
m/p-Xylenes
Concen: 100.849 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN057046.D
Acq: 1 Aug 2019 18:41

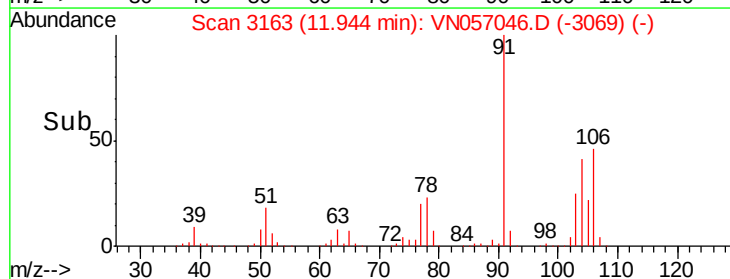
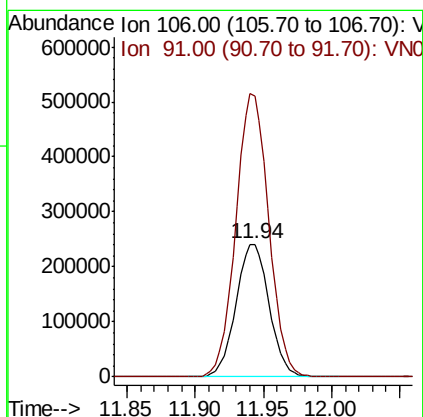
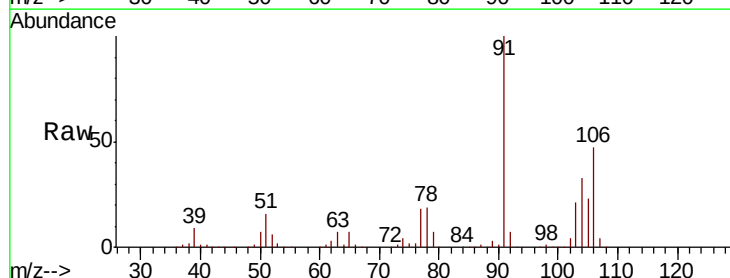
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB203-GW-498-500MSD

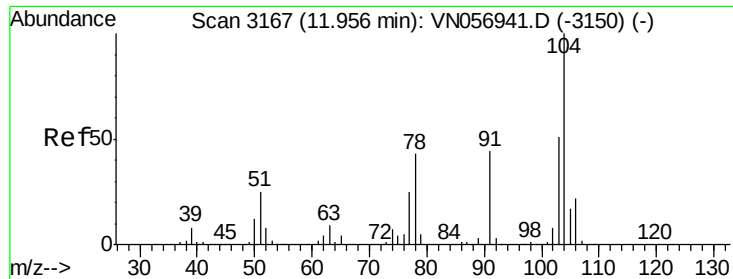
Tot Ion:106 Resp: 830576
Ion Ratio Lower Upper
106 100
91 200.1 160.0 240.0



#69
o-Xylene
Concen: 50.396 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN057046.D
Acq: 1 Aug 2019 18:41

Tgt Ion:106 Resp: 406068
Ion Ratio Lower Upper
106 100
91 211.6 106.2 318.6

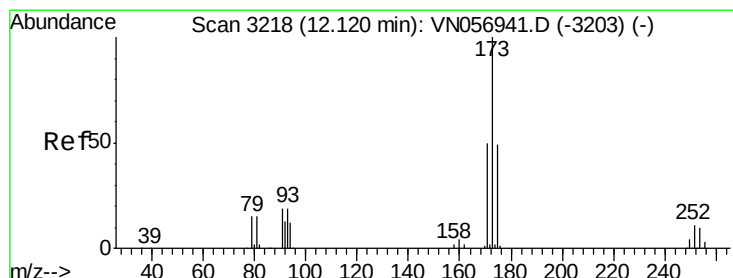
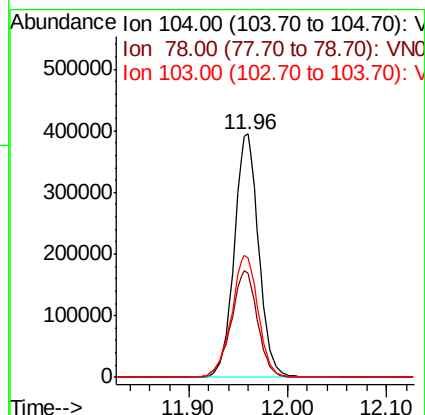
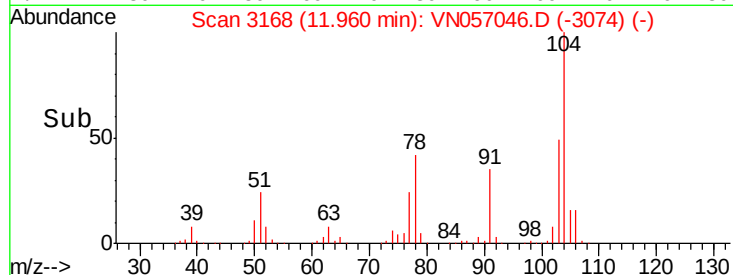
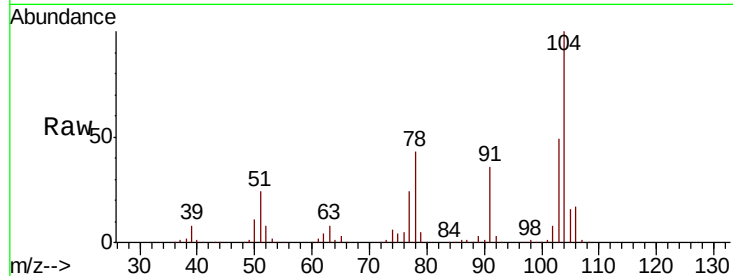




#70
Stvrene
Concen: 47.720 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN057046.D
Acq: 1 Aug 2019 18:41

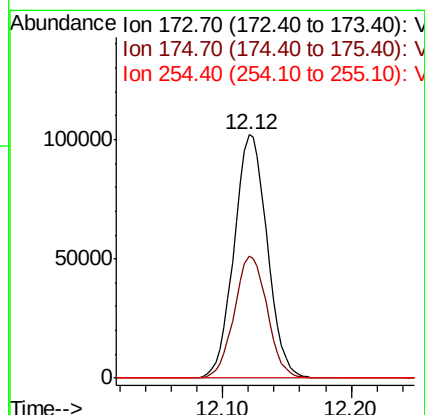
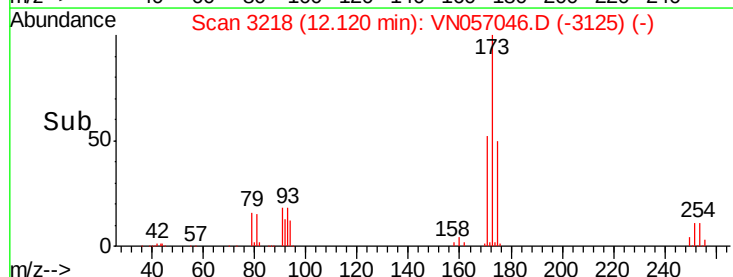
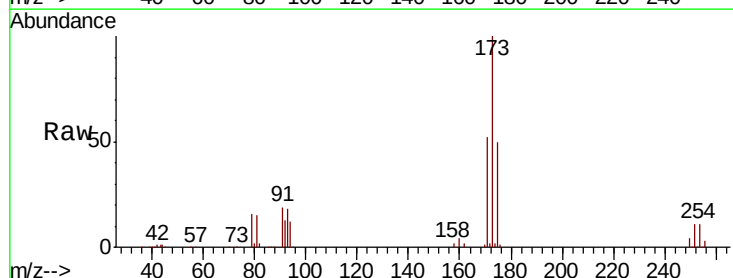
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB203-GW-498-500MSD

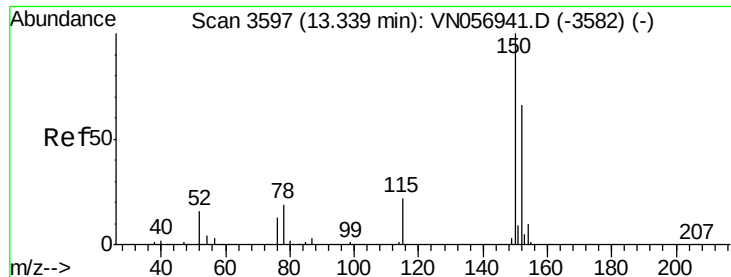
Tot Ion:104 Resp: 678360
Ion Ratio Lower Upper
104 100
78 47.3 38.1 57.1
103 54.9 44.3 66.5



#71
Bromoform
Concen: 53.654 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN057046.D
Acq: 1 Aug 2019 18:41

Tgt Ion:173 Resp: 182048
Ion Ratio Lower Upper
173 100
175 49.8 24.1 72.4
254 0.2 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN057046.D

Acq: 1 Aug 2019 18:41

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB203-GW-498-500MSD

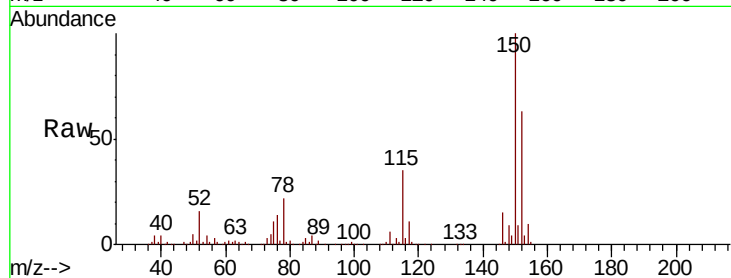
Tot Ion:152 Resp: 262288

Ion Ratio Lower Upper

152 100

115 55.6 28.2 84.6

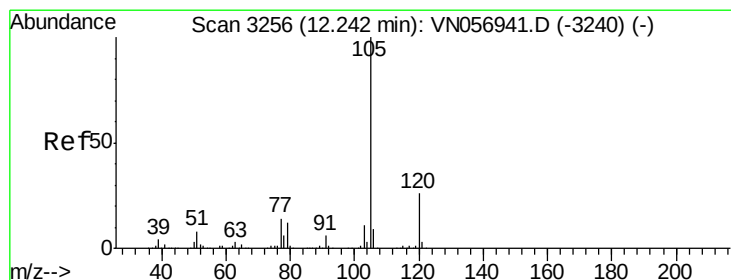
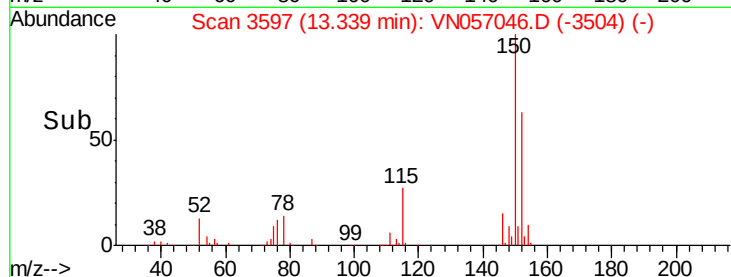
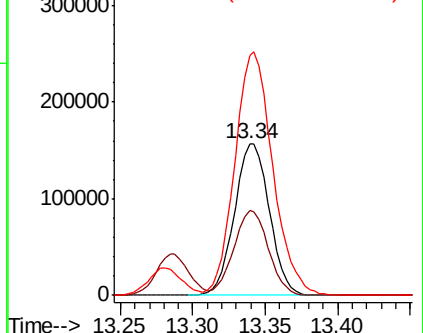
150 174.8 0.0 349.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 47.896 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN057046.D

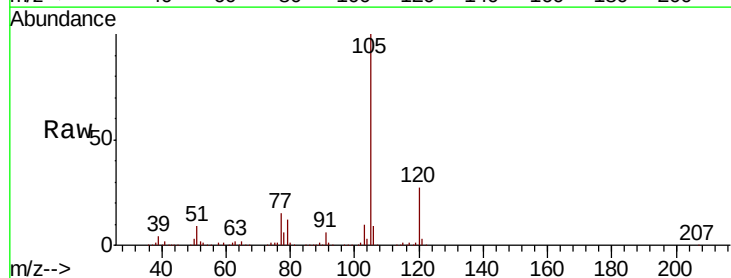
Acq: 1 Aug 2019 18:41

Tgt Ion:105 Resp: 1085706

Ion Ratio Lower Upper

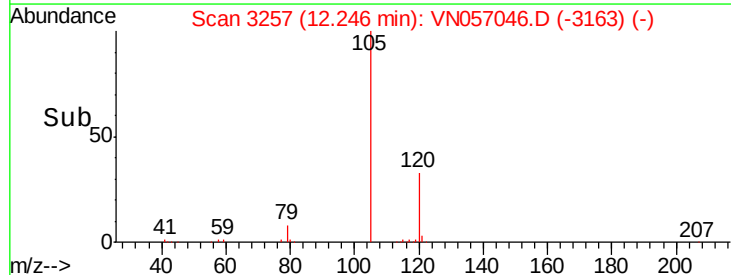
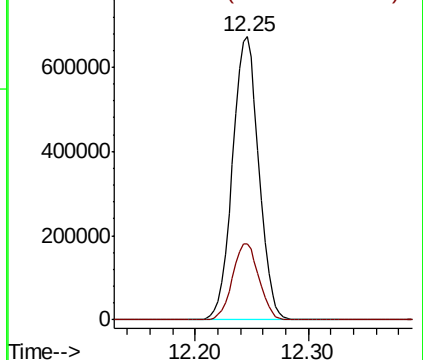
105 100

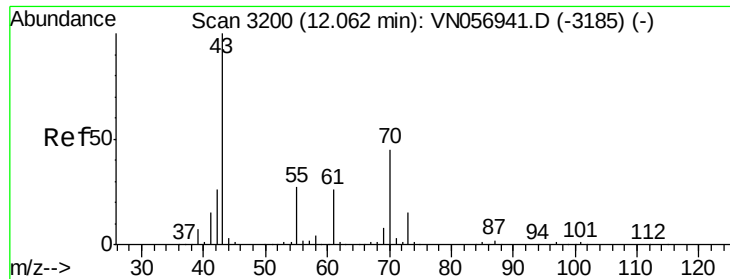
120 27.1 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 47.045 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN057046.D

Acq: 1 Aug 2019 18:41

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB203-GW-498-500MSD

Tot Ion: 43 Resp: 309649

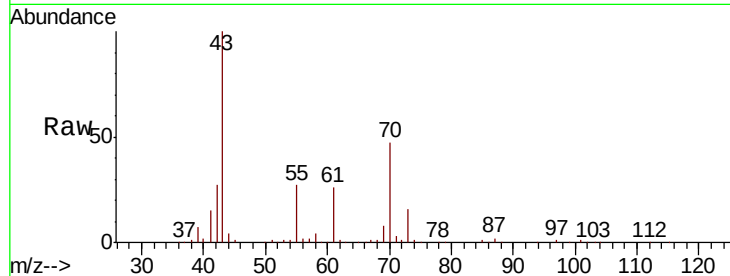
Ion Ratio Lower Upper

43 100

70 46.3 36.5 54.7

55 26.8 21.4 32.0

61 26.3 20.5 30.7

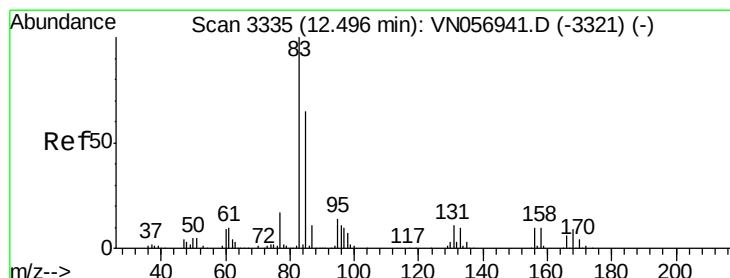
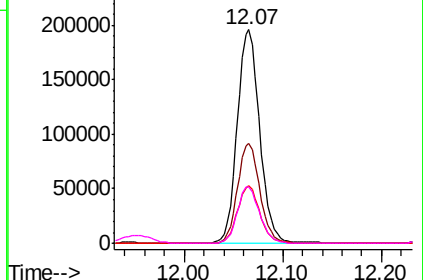
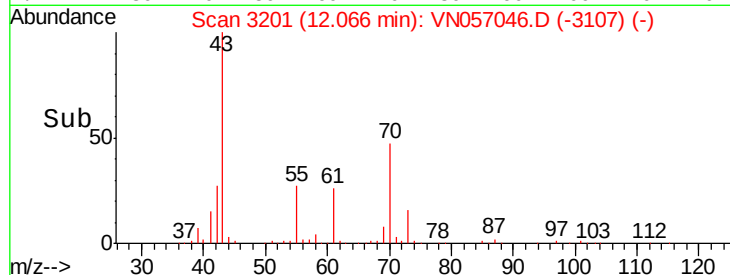


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: 52.856 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN057046.D

Acq: 1 Aug 2019 18:41

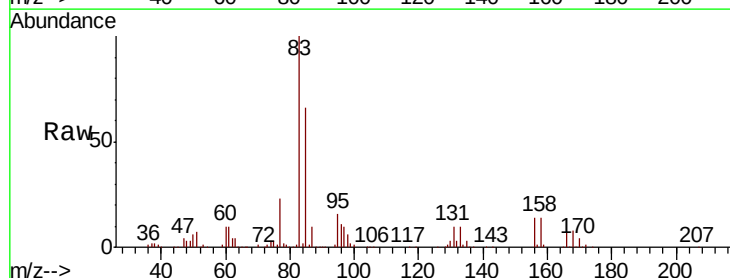
Tgt Ion: 83 Resp: 302008

Ion Ratio Lower Upper

83 100

131 10.8 5.3 16.1

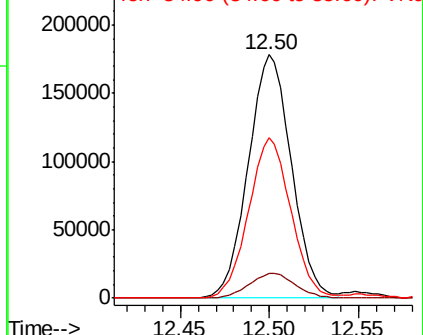
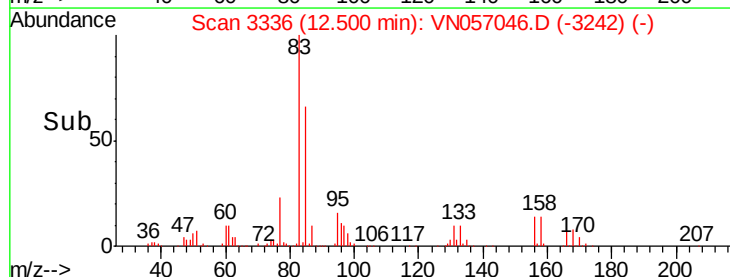
85 64.4 32.5 97.4

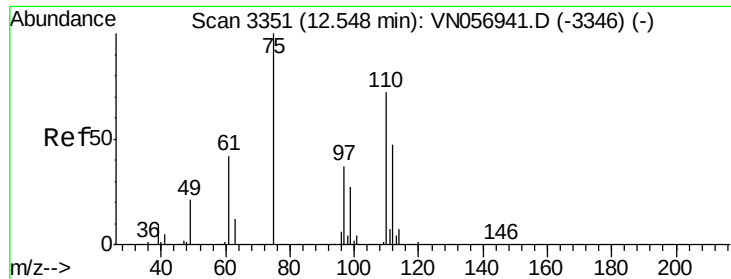


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0

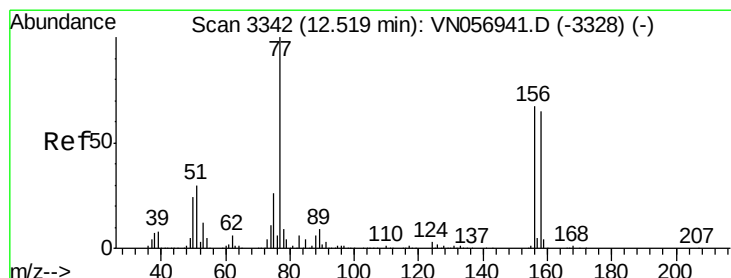
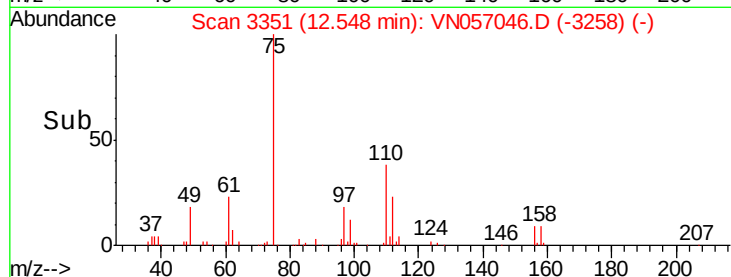
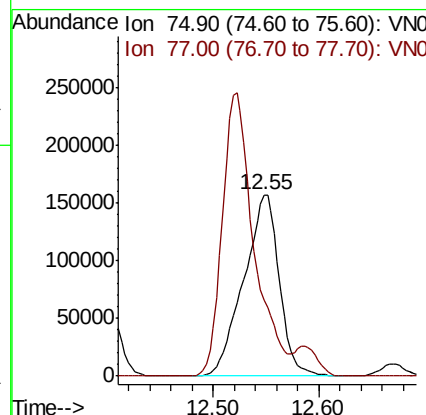
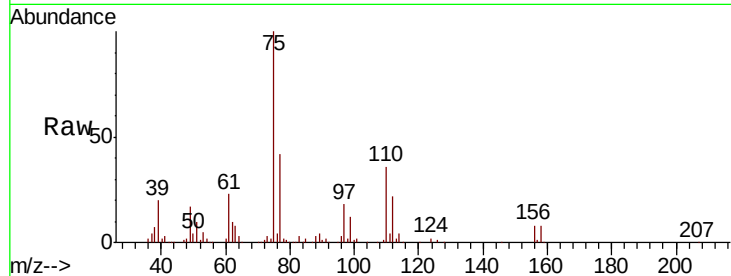




#76
 1,2,3-Trichloropropane
 Concen: 69.209 ug/l
 RT: 12.55 min Scan# 3351
 Delta R.T. 0.00 min
 Lab File: VN057046.D
 Acq: 1 Aug 2019 18:41

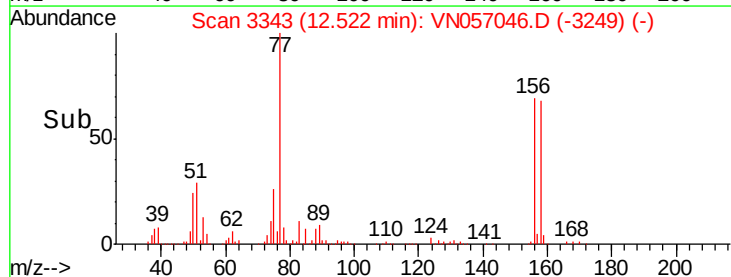
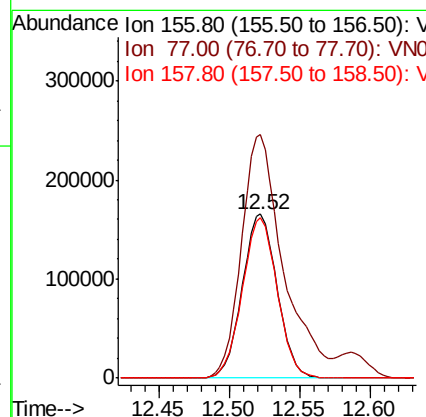
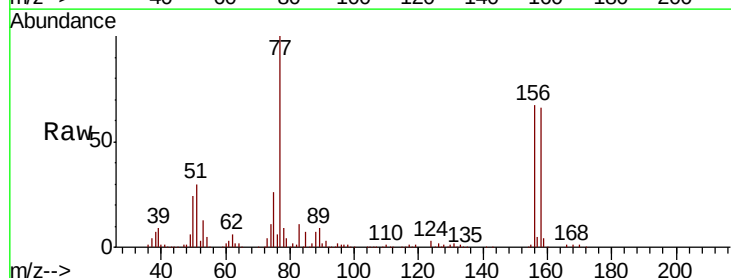
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB203-GW-498-500MSD

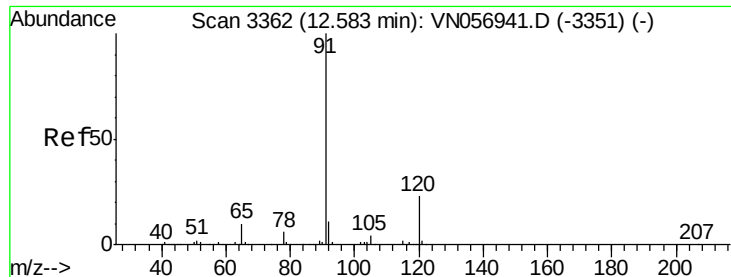
Tot Ion: 75 Resp: 368653
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



#77
 Bromobenzene
 Concen: 48.514 ug/l
 RT: 12.52 min Scan# 3343
 Delta R.T. 0.00 min
 Lab File: VN057046.D
 Acq: 1 Aug 2019 18:41

Tgt Ion: 156 Resp: 287017
 Ion Ratio Lower Upper
 156 100
 77 177.4 89.5 268.5
 158 97.8 48.4 145.3





#78

n-propylbenzene

Concen: 47.872 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN057046.D

Acq: 1 Aug 2019 18:41

Instrument :

MSVOA_N

ClientSampleId :

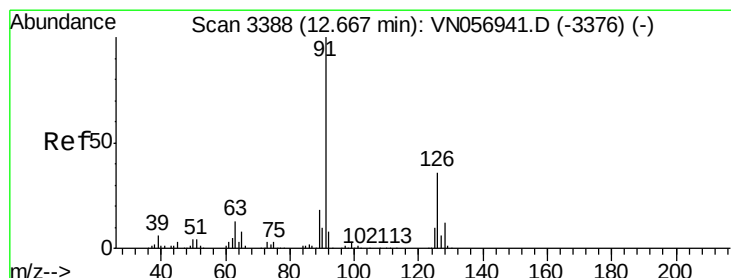
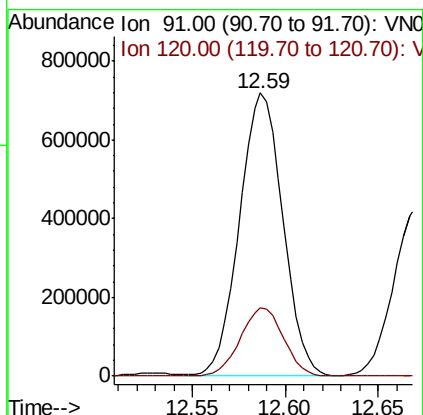
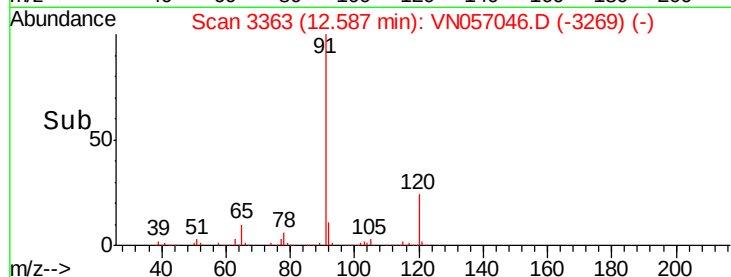
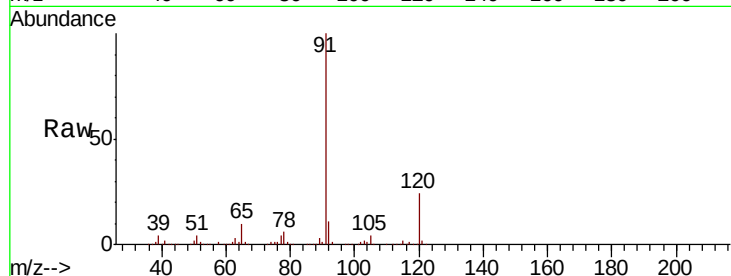
BP-VPB203-GW-498-500MSD

Tot Ion: 91 Resp: 1158665

Ion Ratio Lower Upper

91 100

120 24.3 11.8 35.4



#79

2-Chlorotoluene

Concen: 47.743 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN057046.D

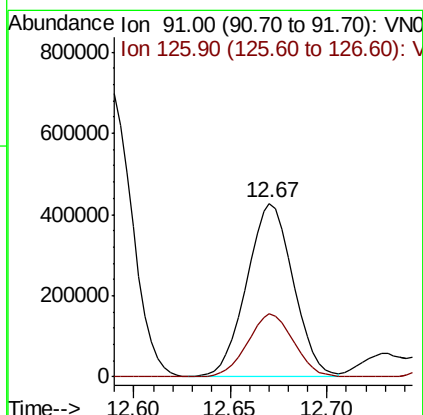
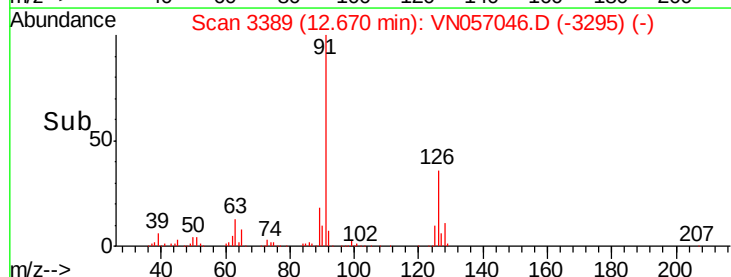
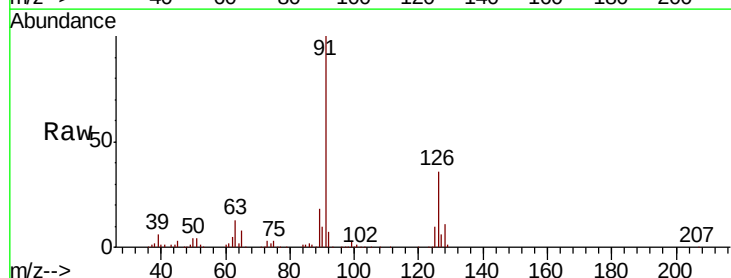
Acq: 1 Aug 2019 18:41

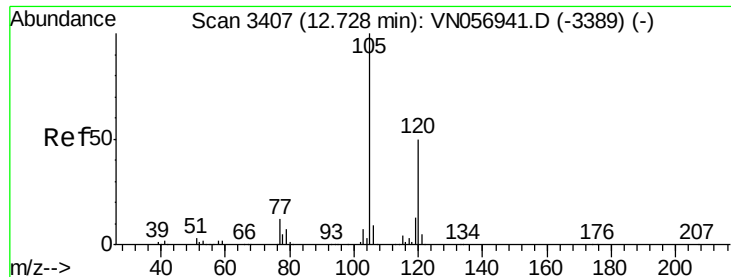
Tgt Ion: 91 Resp: 711545

Ion Ratio Lower Upper

91 100

126 36.1 17.9 53.7





#80

1,3,5-Trimethylbenzene

Concen: 48.659 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN057046.D

Acq: 1 Aug 2019 18:41

Instrument :

MSVOA_N

ClientSampleId :

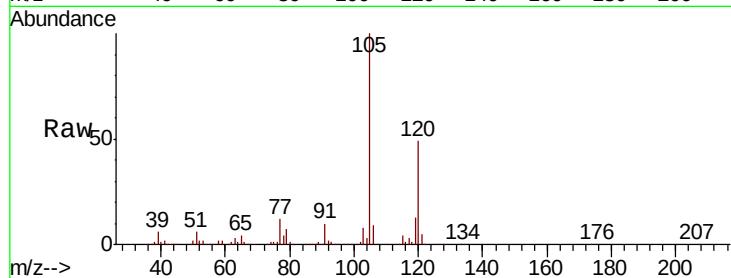
BP-VPB203-GW-498-500MSD

Tot Ion:105 Resp: 905265

Ion Ratio Lower Upper

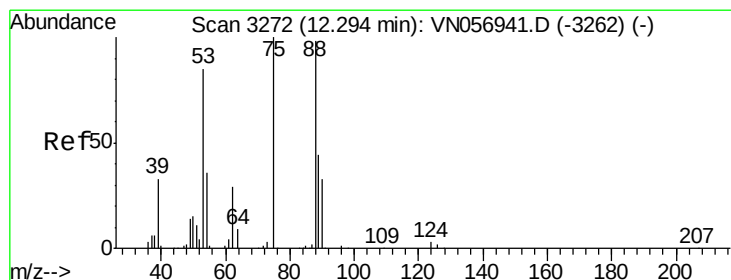
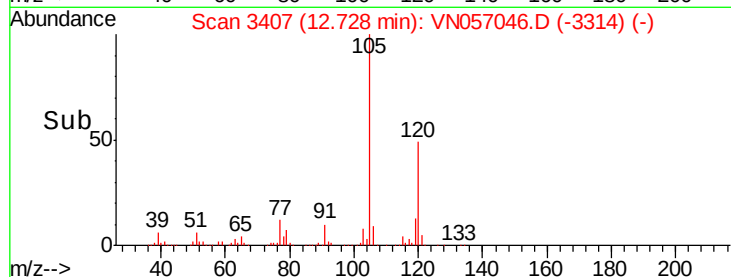
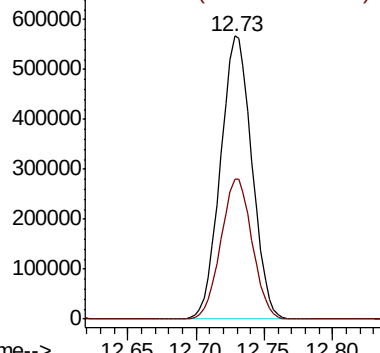
105 100

120 49.5 24.8 74.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 49.111 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN057046.D

Acq: 1 Aug 2019 18:41

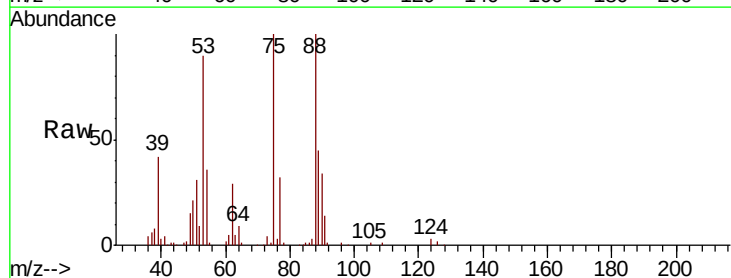
Tgt Ion: 75 Resp: 81419

Ion Ratio Lower Upper

75 100

53 91.0 69.3 103.9

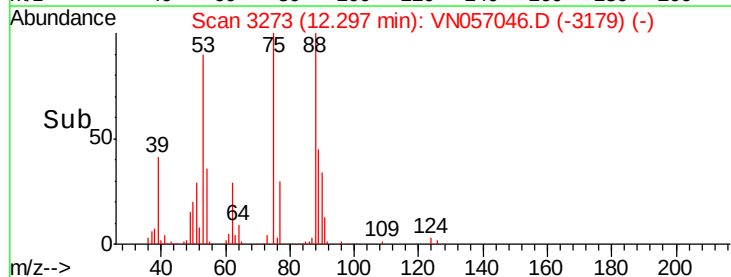
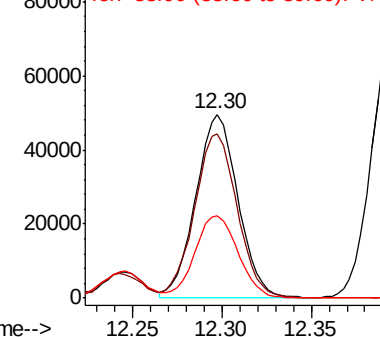
89 45.9 35.8 53.6

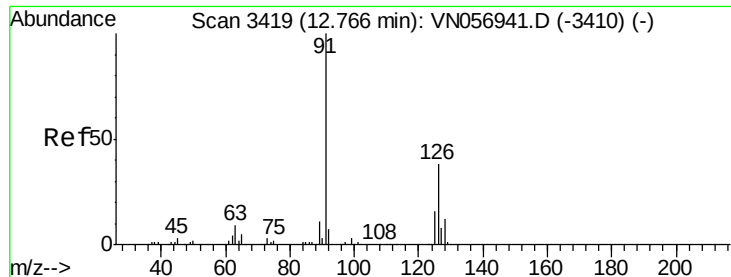


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#82

4-Chlorotoluene

Concen: 48.706 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN057046.D

Acq: 1 Aug 2019 18:41

Instrument :

MSVOA_N

ClientSampleId :

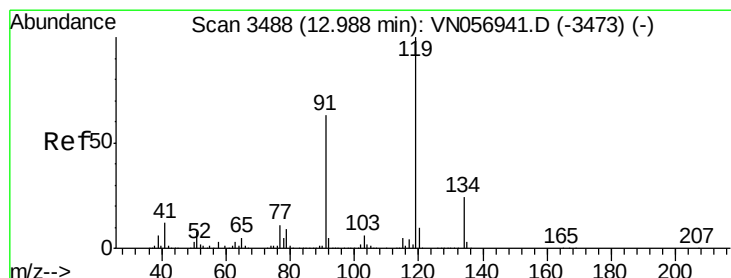
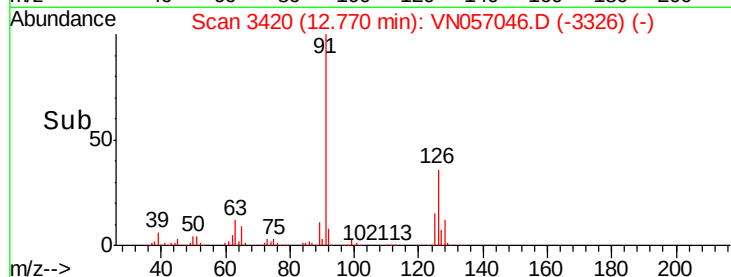
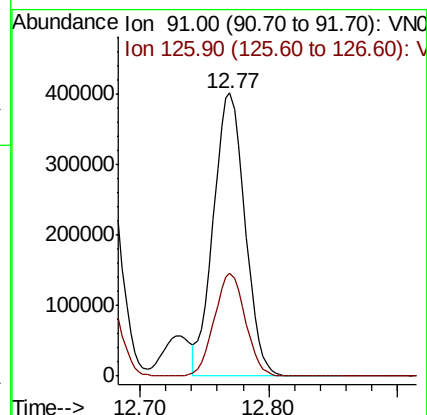
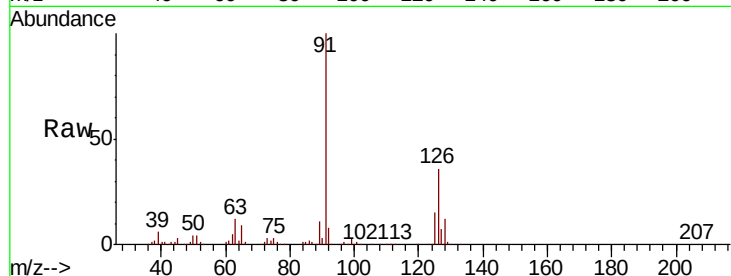
BP-VPB203-GW-498-500MSD

Tot Ion: 91 Resp: 679304

Ion Ratio Lower Upper

91 100

126 35.9 17.5 52.5



#83

tert-Butylbenzene

Concen: 48.796 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN057046.D

Acq: 1 Aug 2019 18:41

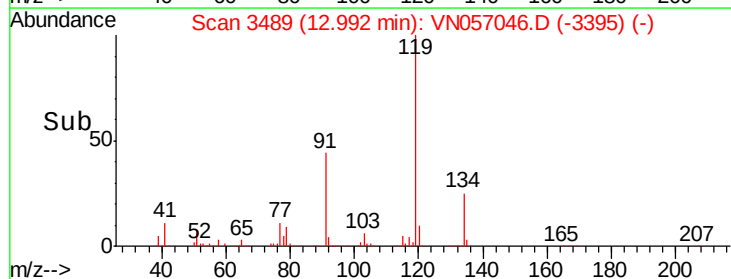
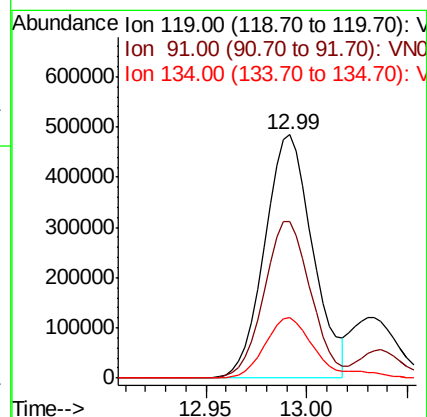
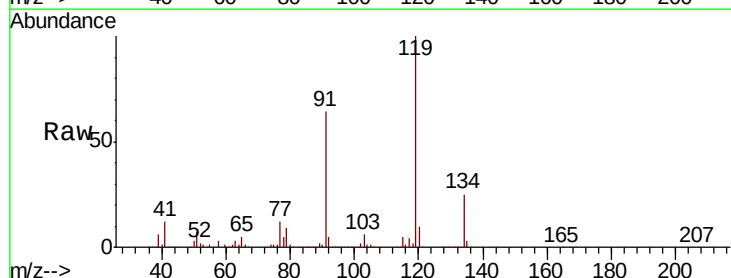
Tgt Ion: 119 Resp: 803644

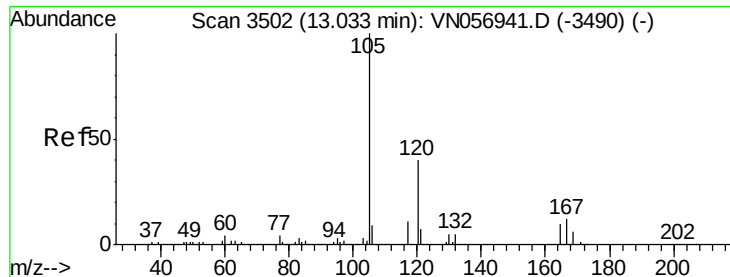
Ion Ratio Lower Upper

119 100

91 62.5 31.3 93.8

134 26.1 13.3 39.8

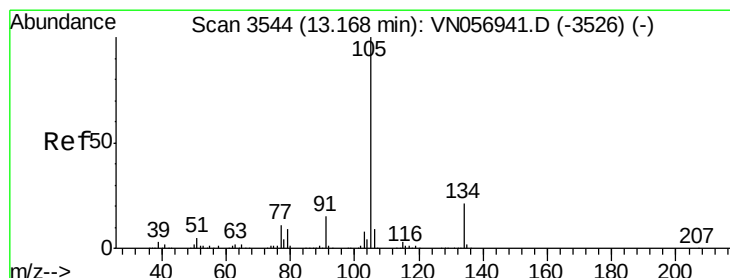
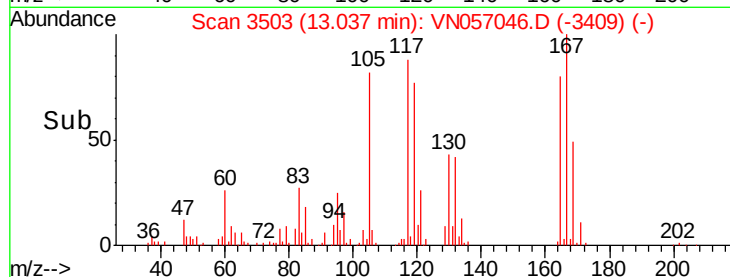
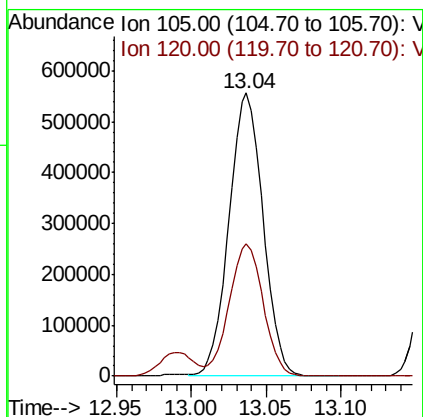
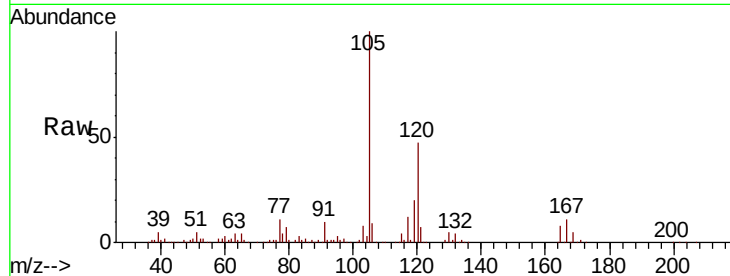




#84
 1,2,4-Trimethylbenzene
 Concen: 49.235 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN057046.D
 Acq: 1 Aug 2019 18:41

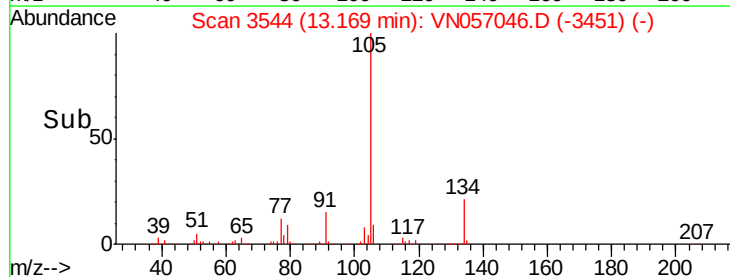
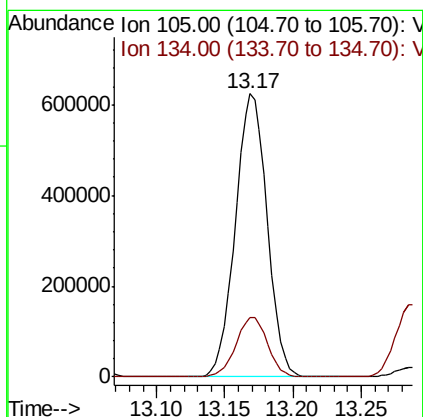
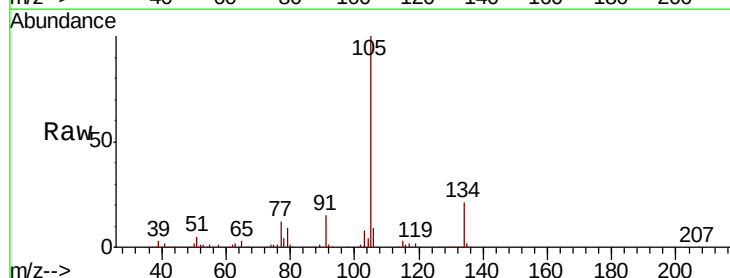
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB203-GW-498-500MSD

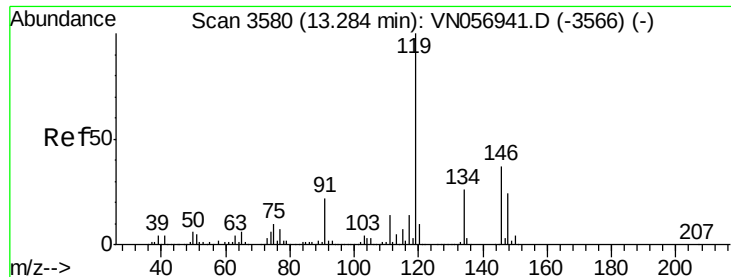
Tot Ion:105 Resp: 881376
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.2 69.6



#85
 sec-Butylbenzene
 Concen: 47.265 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN057046.D
 Acq: 1 Aug 2019 18:41

Tgt Ion:105 Resp: 1004077
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.3 30.8





#86

p-Isopropyltoluene

Concen: 48.230 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN057046.D

Acq: 1 Aug 2019 18:41

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB203-GW-498-500MSD

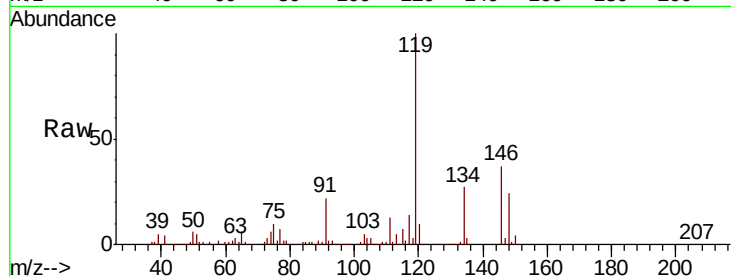
Tot Ion:119 Resp: 909643

Ion Ratio Lower Upper

119 100

134 27.3 13.4 40.1

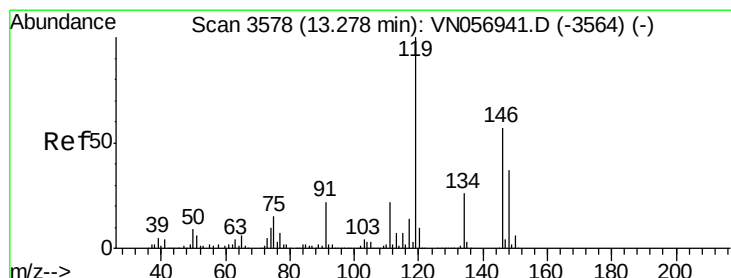
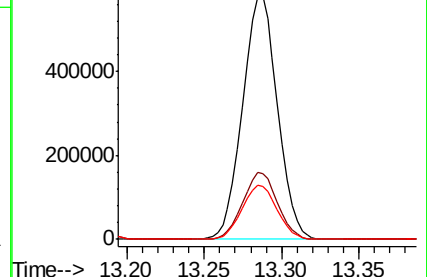
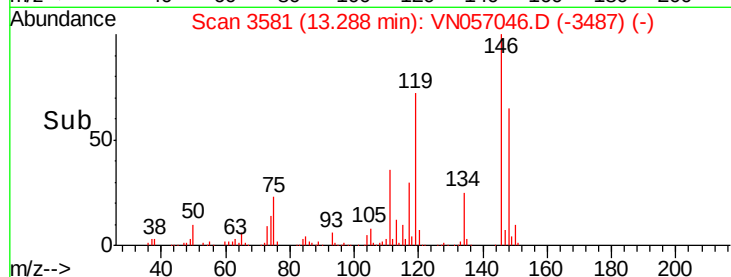
91 22.1 11.0 33.0



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: 49.550 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN057046.D

Acq: 1 Aug 2019 18:41

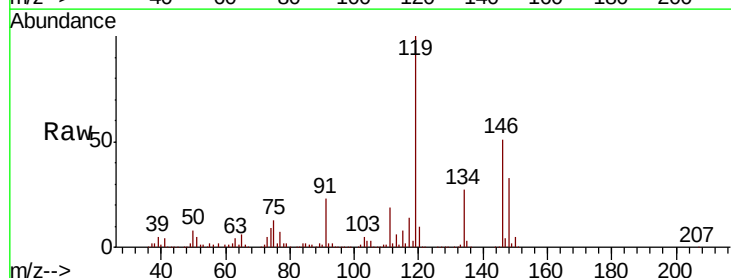
Tgt Ion:146 Resp: 445909

Ion Ratio Lower Upper

146 100

111 37.3 18.6 55.8

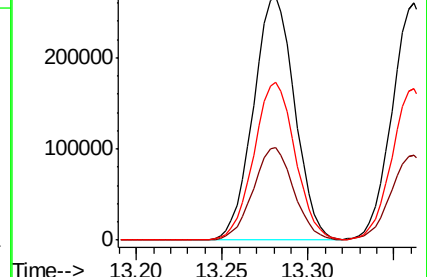
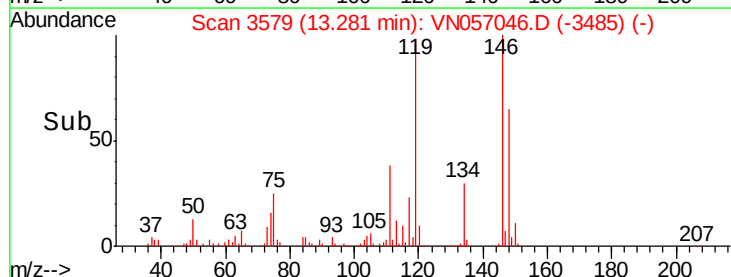
148 64.6 32.2 96.6

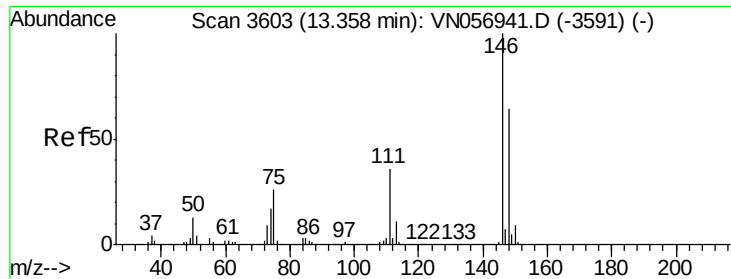


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

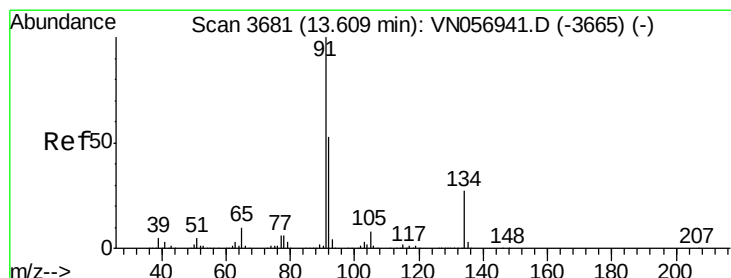
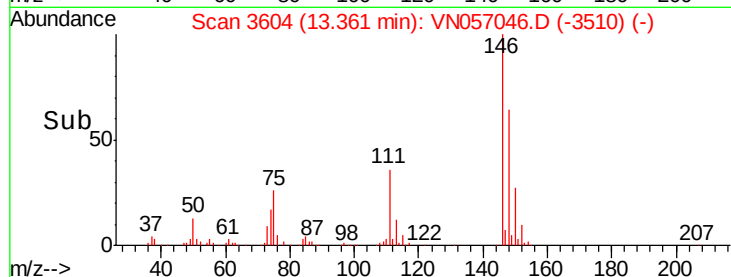
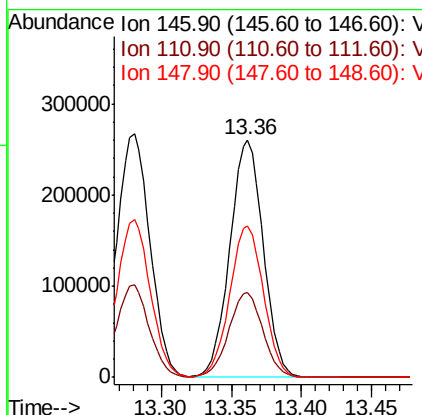
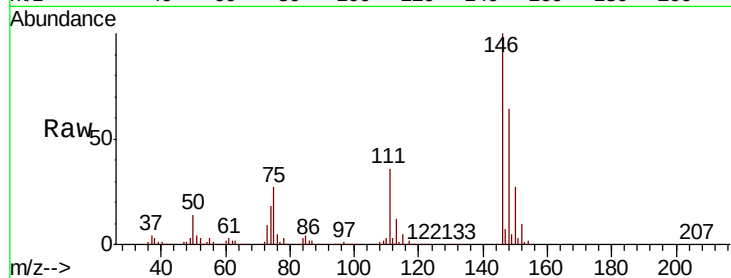




#88
 1,4-Dichlorobenzene
 Concen: 49.726 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN057046.D
 Acq: 1 Aug 2019 18:41

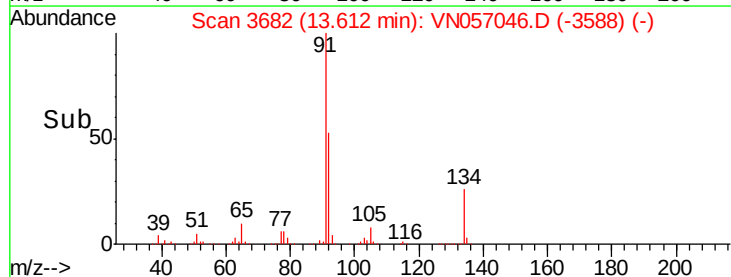
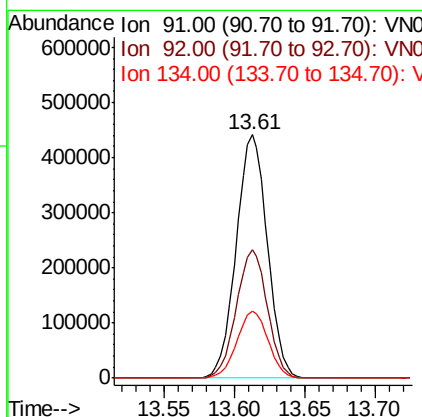
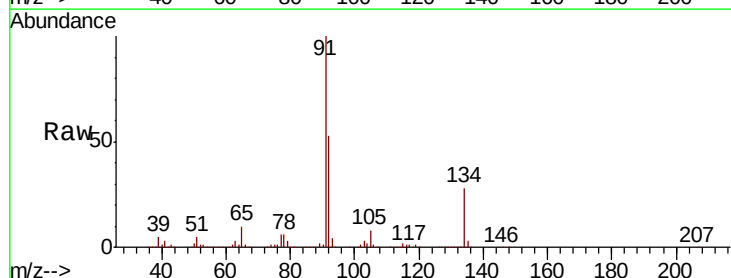
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB203-GW-498-500MSD

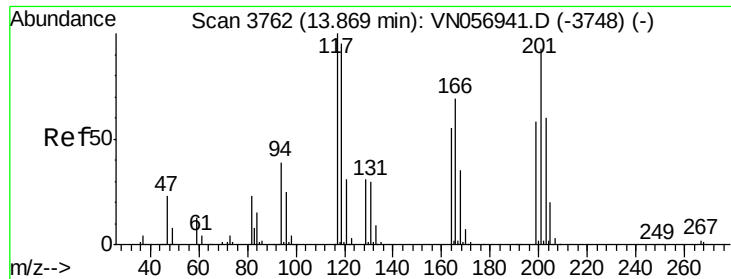
Tot Ion:146 Resp: 430799
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.4 55.2
 148 64.6 32.3 96.9



#89
 n-Butylbenzene
 Concen: 46.995 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. 0.00 min
 Lab File: VN057046.D
 Acq: 1 Aug 2019 18:41

Tgt Ion: 91 Resp: 683117
 Ion Ratio Lower Upper
 91 100
 92 52.5 26.2 78.5
 134 27.8 13.5 40.4





#90

Hexachloroethane

Concen: 49.237 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN057046.D

Acq: 1 Aug 2019 18:41

Instrument :

MSVOA_N

ClientSampleId :

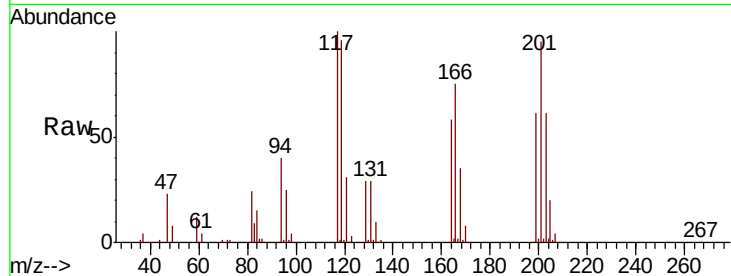
BP-VPB203-GW-498-500MSD

Tot Ion:117 Resp: 159902

Ion Ratio Lower Upper

117 100

201 95.3 47.0 141.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.87

100000

80000

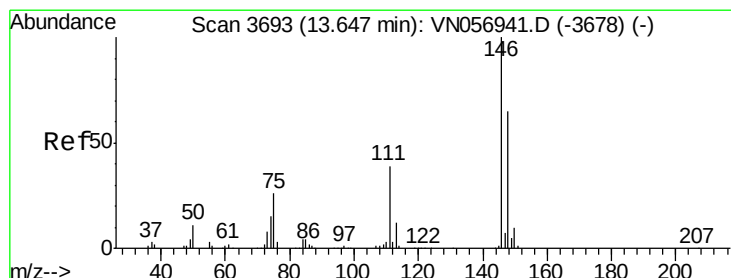
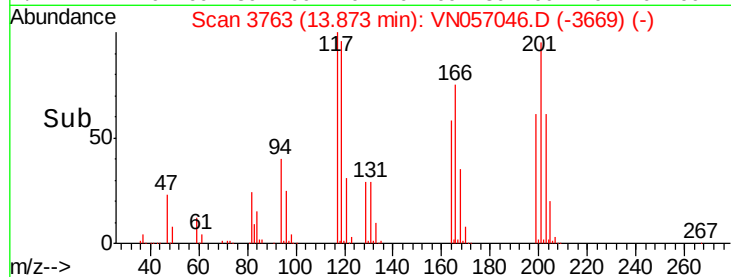
60000

40000

20000

0

Time--> 13.80 13.85 13.90



#91

1,2-Dichlorobenzene

Concen: 50.706 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN057046.D

Acq: 1 Aug 2019 18:41

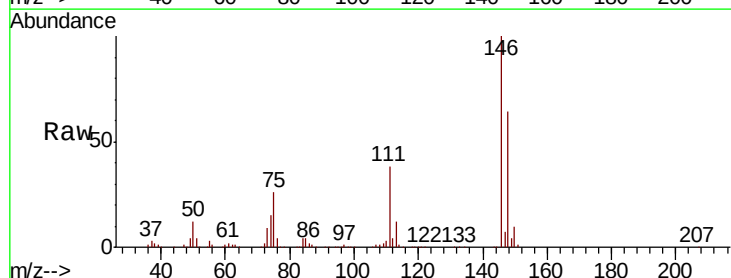
Tgt Ion:146 Resp: 449105

Ion Ratio Lower Upper

146 100

111 38.5 19.4 58.4

148 63.5 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

13.65

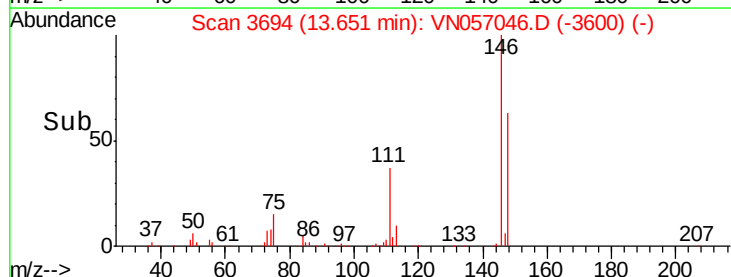
300000

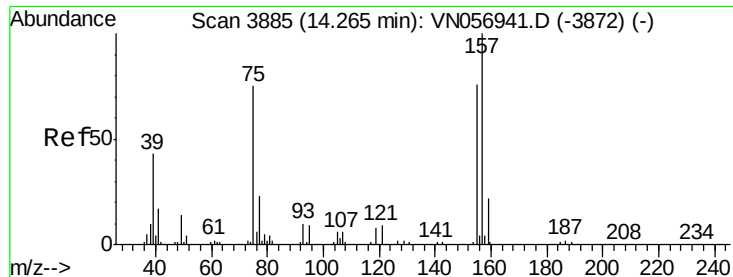
200000

100000

0

Time--> 13.60 13.70





#92

1,2-Dibromo-3-Chloropropane

Concen: 52.053 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN057046.D

Acq: 1 Aug 2019 18:41

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB203-GW-498-500MSD

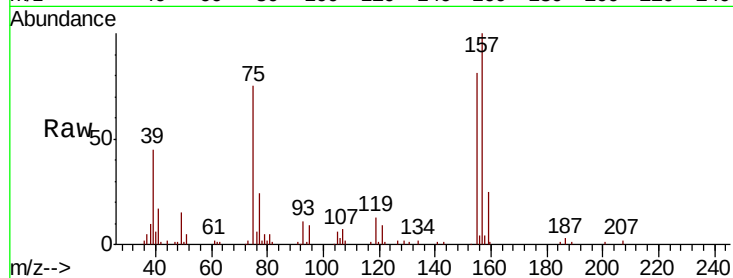
Tot Ion: 75 Resp: 46930

Ion Ratio Lower Upper

75 100

155 103.5 50.2 150.6

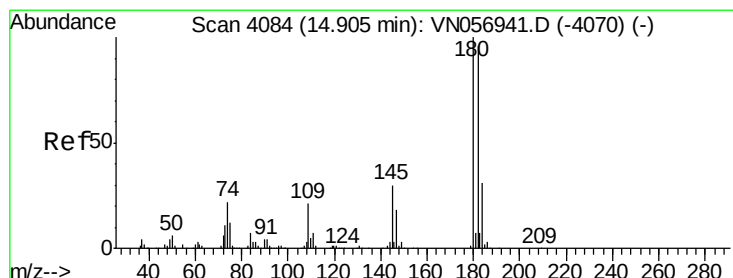
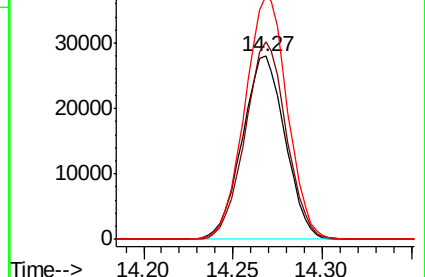
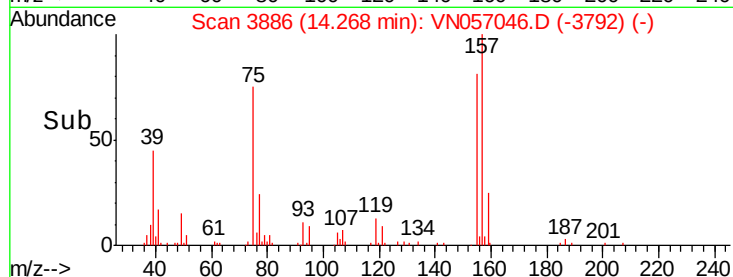
157 131.5 65.1 195.4



Abundance Ion 74.90 (74.60 to 75.60): VN056941.D (-3872) (-)

Ion 154.80 (154.50 to 155.50): VN056941.D (-3872) (-)

Ion 156.80 (156.50 to 157.50): VN056941.D (-3872) (-)



#93

1,2,4-Trichlorobenzene

Concen: 43.155 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN057046.D

Acq: 1 Aug 2019 18:41

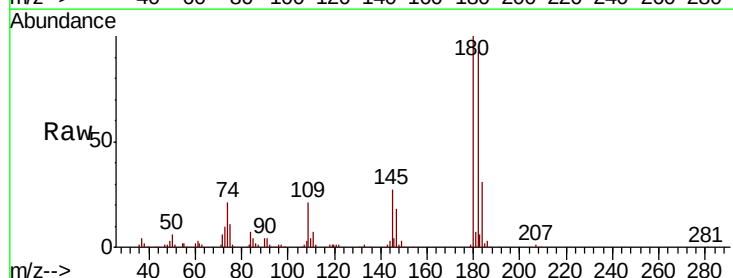
Tgt Ion:180 Resp: 195390

Ion Ratio Lower Upper

180 100

182 94.6 47.6 142.8

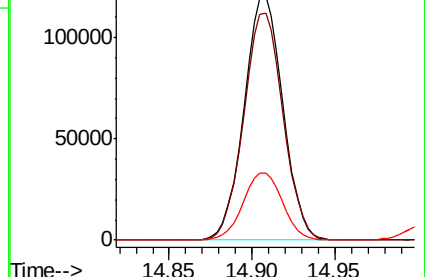
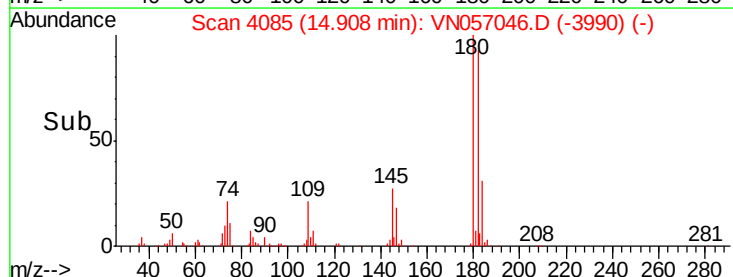
145 28.0 14.2 42.8

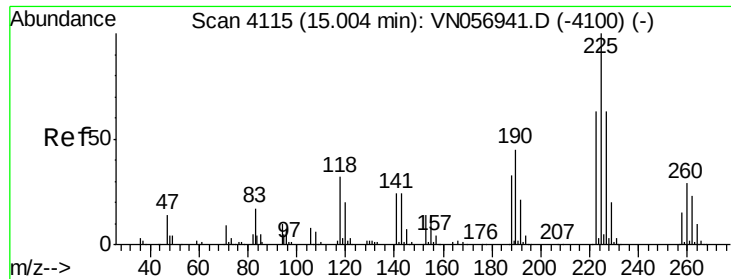


Abundance Ion 179.80 (179.50 to 180.50): VN056941.D (-4070) (-)

Ion 181.80 (181.50 to 182.50): VN056941.D (-4070) (-)

Ion 144.80 (144.50 to 145.50): VN056941.D (-4070) (-)





#94

Hexachlorobutadiene

Concen: 51.266 ug/l

RT: 15.00 min Scan# 4115

Delta R.T. 0.00 min

Lab File: VN057046.D

Acq: 1 Aug 2019 18:41

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB203-GW-498-500MSD

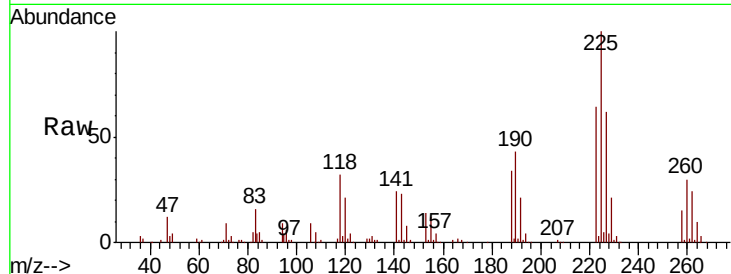
Tot Ion:225 Resp: 158349

Ion Ratio Lower Upper

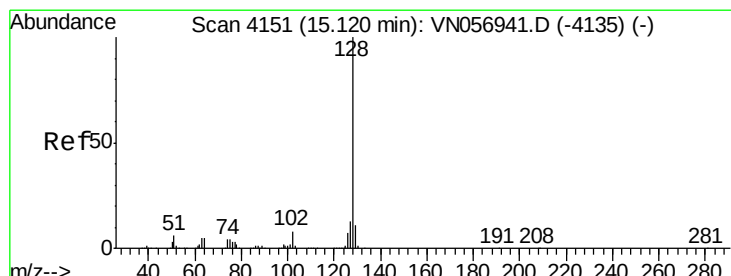
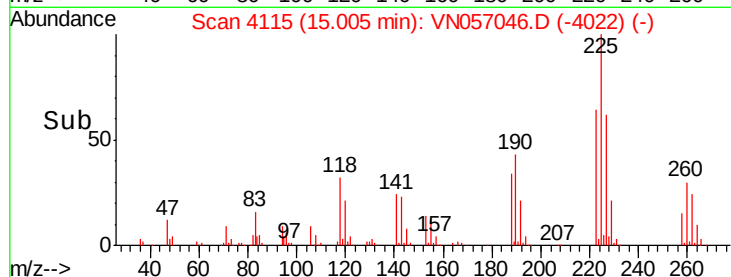
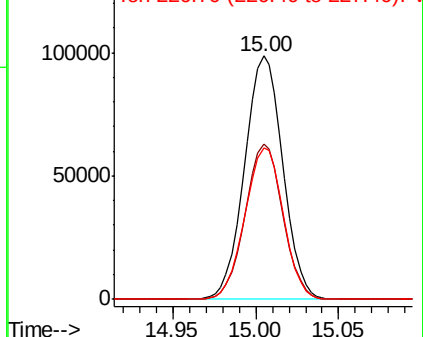
225 100

223 62.8 30.8 92.4

227 62.5 31.1 93.5



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: 45.774 ug/l

RT: 15.12 min Scan# 4152

Delta R.T. 0.00 min

Lab File: VN057046.D

Acq: 1 Aug 2019 18:41

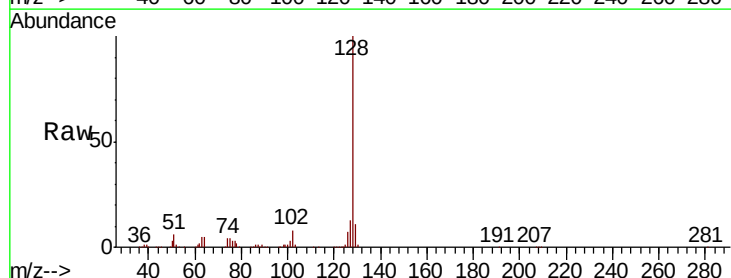
Tgt Ion:128 Resp: 506480

Ion Ratio Lower Upper

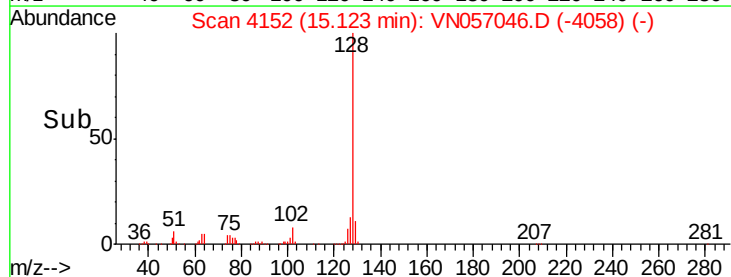
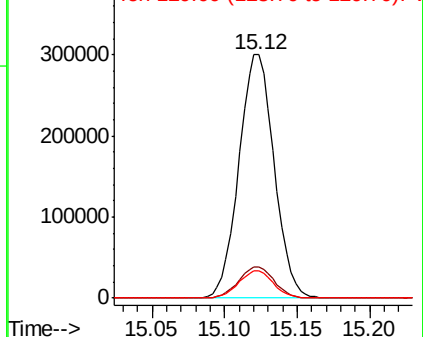
128 100

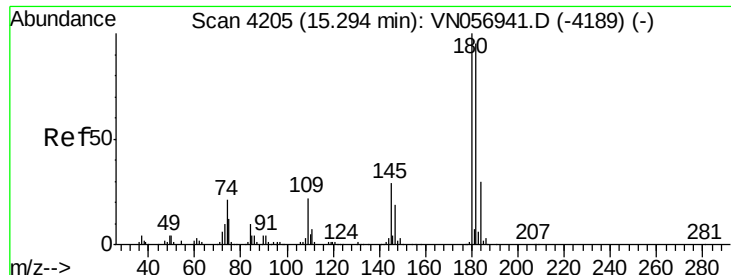
127 13.0 10.0 15.0

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

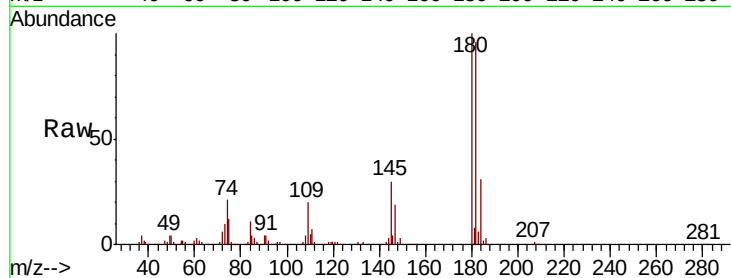




#96
 1,2,3-Trichlorobenzene
 Concen: 46.842 ug/l
 RT: 15.29 min Scan# 4205
 Delta R.T. 0.00 min
 Lab File: VN057046.D
 Acq: 1 Aug 2019 18:41

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB203-GW-498-500MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.0	144.2
145	29.3	15.0	45.0



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

