

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061064.D
 Acq On : 17 Apr 2020 20:18
 Operator : JC/MD
 Sample : L2337-06MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-GW-403-405MSD

Quant Time: Apr 20 01:35:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	149673	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	256002	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	235337	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	109849	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	91632	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
35) Dibromofluoromethane	7.56	113	71838	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
50) Toluene-d8	10.08	98	255469	45.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.44%	
62) 4-Bromofluorobenzene	12.39	95	101568	45.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	97473	49.277	ug/l	99
3) Chloromethane	2.04	50	135839	51.171	ug/l	99
4) Vinyl Chloride	2.17	62	112374	50.939	ug/l	99
5) Bromomethane	2.54	94	52562	47.513	ug/l	99
6) Chloroethane	2.68	64	66309	52.107	ug/l	100
7) Trichlorofluoromethane	3.00	101	139506	50.796	ug/l	99
8) Diethyl Ether	3.38	74	57696	52.856	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	76713	47.609	ug/l	99
10) Methyl Iodide	3.93	142	80246	56.451	ug/l	100
11) Tert butyl alcohol	4.72	59	91093	268.105	ug/l	100
12) 1,1-Dichloroethene	3.71	96	81537	49.781	ug/l	99
13) Acrolein	3.57	56	67813	236.382	ug/l	99
14) Allyl chloride	4.29	41	147227	47.507	ug/l	98
15) Acrylonitrile	4.94	53	255596	277.450	ug/l	99
16) Acetone	3.78	43	212962	252.661	ug/l	99
17) Carbon Disulfide	4.03	76	234966	45.845	ug/l	99
18) Methyl Acetate	4.28	43	137336	51.961	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	291499	51.041	ug/l	100
20) Methylene Chloride	4.52	84	92356	50.186	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	86375	49.305	ug/l	97
22) Diisopropyl ether	5.91	45	331496	51.504	ug/l	99
23) Vinyl Acetate	5.86	43	1231076	243.912	ug/l	100
24) 1,1-Dichloroethane	5.81	63	177456	51.048	ug/l	100
25) 2-Butanone	6.80	43	349146	270.322	ug/l	100
26) 2,2-Dichloropropane	6.79	77	125577	43.386	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	99445	49.445	ug/l	100
28) Bromochloromethane	7.17	49	76598	48.003	ug/l	98
29) Tetrahydrofuran	7.18	42	242229	276.249	ug/l	99
30) Chloroform	7.35	83	165653	51.090	ug/l	99
31) Cyclohexane	7.63	56	165480	46.390	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	142317	50.744	ug/l	99
36) 1,1-Dichloropropene	7.77	75	129361	48.968	ug/l	100
37) Ethyl Acetate	6.89	43	141546	49.346	ug/l	99
38) Carbon Tetrachloride	7.75	117	113667	51.693	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	148012	46.864	ug/l	98
40) Benzene	8.02	78	388605	49.585	ug/l	100
41) Methacrylonitrile	7.18	41	213046	178.066	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	135873	50.894	ug/l	100
43) Isopropyl Acetate	8.14	43	235863	50.558	ug/l	99
44) Trichloroethene	8.82	130	96357	48.931	ug/l	99
45) 1,2-Dichloropropane	9.10	63	105645	49.908	ug/l	99
46) Dibromomethane	9.19	93	62913	51.548	ug/l	100
47) Bromodichloromethane	9.38	83	132230	51.286	ug/l	99
48) Methyl methacrylate	9.18	41	109800	53.258	ug/l	98
49) 1,4-Dioxane	9.17	88	30023	1048.115	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	728098	270.735	ug/l	100
52) Toluene	10.14	92	231928	49.330	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	146979	49.077	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	158395	48.473	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	90560	50.899	ug/l	96
56) Ethyl methacrylate	10.42	69	148017	52.905	ug/l	99
57) 1,3-Dichloropropane	10.70	76	161018	50.736	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.82	63	781	0.614	ug/l #	51
59) 2-Hexanone	10.74	43	533588	275.117	ug/l	100
60) Dibromochloromethane	10.89	129	95159	52.065	ug/l	100
61) 1,2-Dibromoethane	10.99	107	94297	52.012	ug/l	99
64) Tetrachloroethene	10.62	164	86902	48.257	ug/l	99
65) Chlorobenzene	11.42	112	235563	48.487	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	86625	49.838	ug/l	99
67) Ethyl Benzene	11.50	91	450147	49.258	ug/l	99
68) m/p-Xylenes	11.61	106	326578	98.884	ug/l	100
69) o-Xylene	11.94	106	156071	49.150	ug/l	98
70) Styrene	11.96	104	249851	48.874	ug/l	100
71) Bromoform	12.12	173	68087	52.480	ug/l #	99
73) Isopropylbenzene	12.24	105	422072	47.960	ug/l	100
74) N-amyl acetate	12.06	43	194385	47.498	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	135723	50.522	ug/l	100
76) 1,2,3-Trichloropropane	12.54	75	183724	76.037	ug/l #	100
77) Bromobenzene	12.52	156	99984	48.660	ug/l	99
78) n-propylbenzene	12.58	91	502224	48.777	ug/l	100
79) 2-Chlorotoluene	12.67	91	292997	48.519	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	353526	48.600	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	47200	48.184	ug/l	99
82) 4-Chlorotoluene	12.77	91	303414	48.445	ug/l	99
83) tert-Butylbenzene	12.99	119	297687	48.661	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	354978	49.368	ug/l	100
85) sec-Butylbenzene	13.17	105	401259	48.409	ug/l	100
86) p-Isopropyltoluene	13.28	119	354699	48.055	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	175664	47.971	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	175275	47.578	ug/l	99
89) n-Butylbenzene	13.61	91	324520	47.280	ug/l	100
90) Hexachloroethane	13.87	117	53778	47.489	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	169454	48.485	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	29133	56.034	ug/l	96

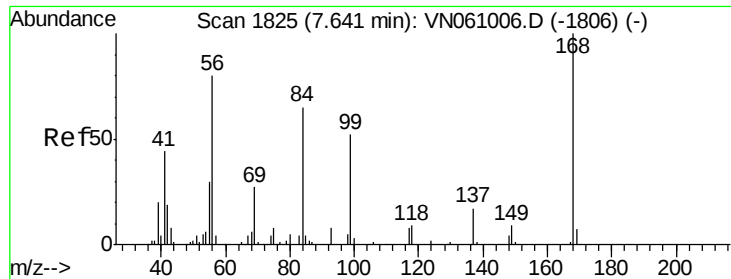
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
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Instrument :
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Quant Title : SW846 8260
QLast Update : Fri Apr 17 03:49:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	100526	48.595	ug/l	100
94) Hexachlorobutadiene	15.00	225	45723	42.966	ug/l	99
95) Naphthalene	15.13	128	319163	52.904	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	97825	49.071	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN061064.D

Acq: 17 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

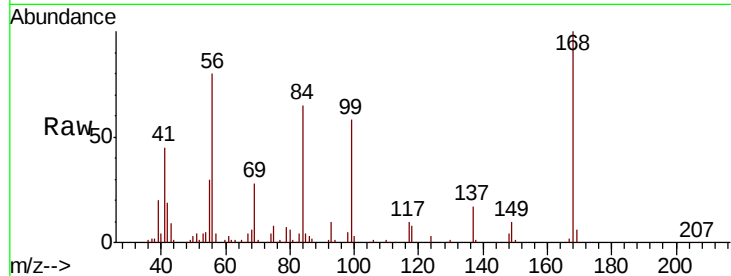
BP-VPB180-GW-403-405MSD

Tot Ion:168 Resp: 149673

Ion Ratio Lower Upper

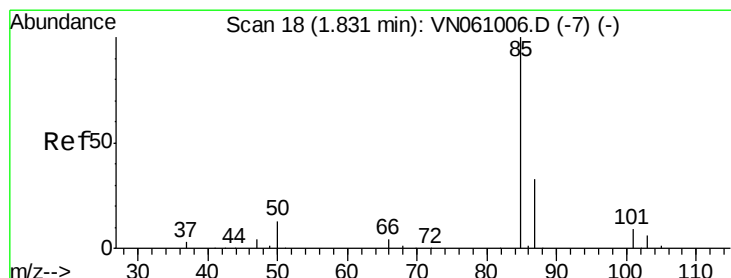
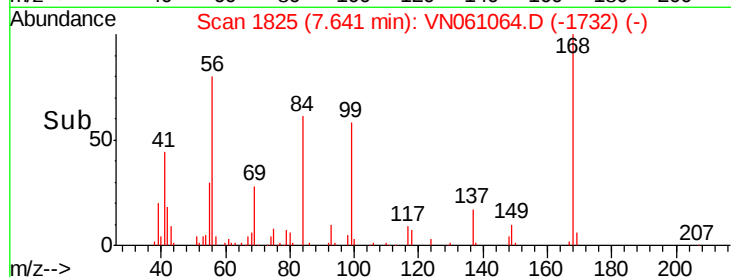
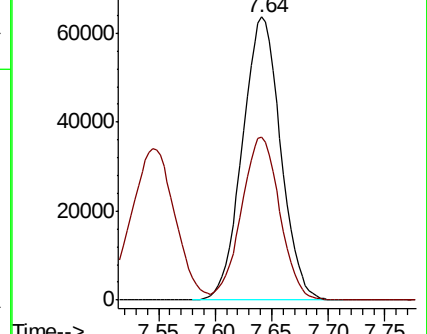
168 100

99 57.8 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 49.277 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061064.D

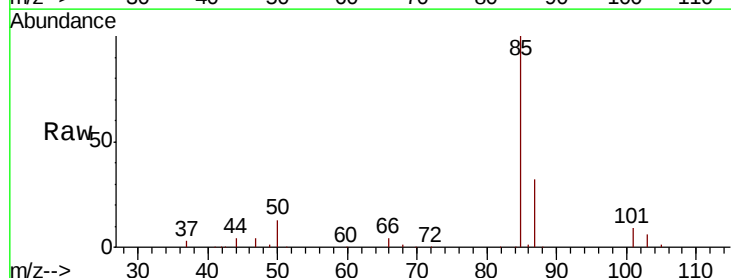
Acq: 17 Apr 2020 20:18

Tgt Ion: 85 Resp: 97473

Ion Ratio Lower Upper

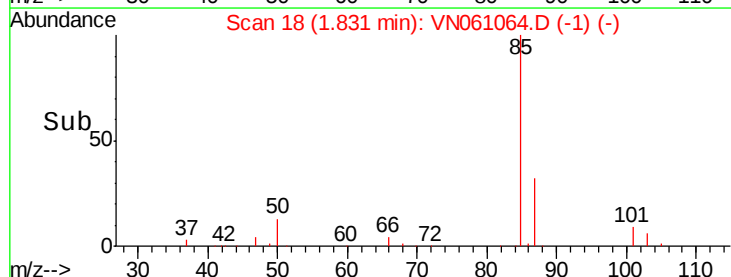
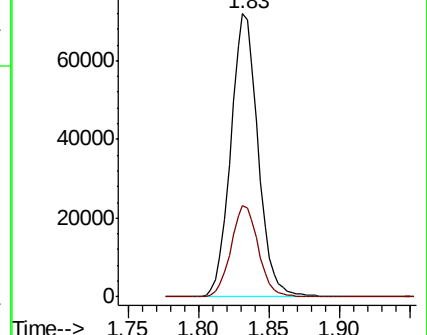
85 100

87 32.2 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

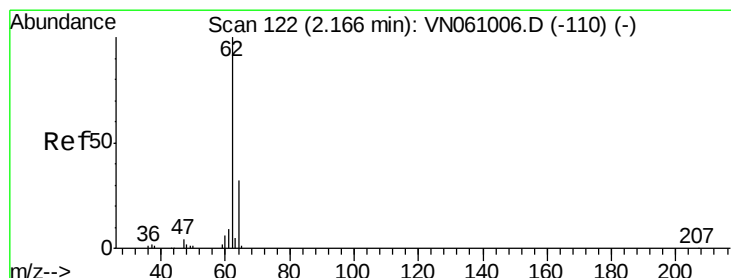
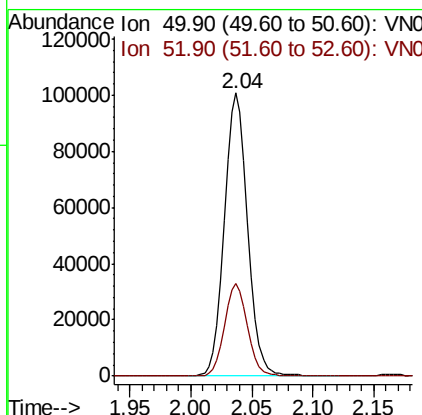
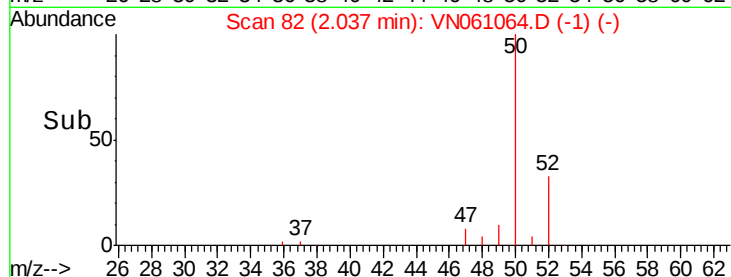
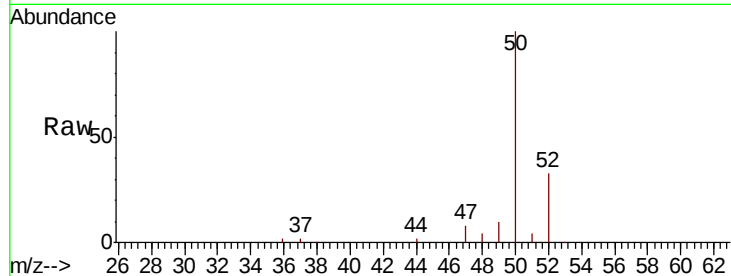




#3
Chloromethane
Concen: 51.171 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN061064.D
Acq: 17 Apr 2020 20:18

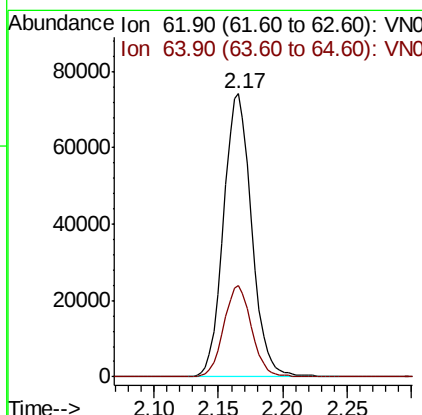
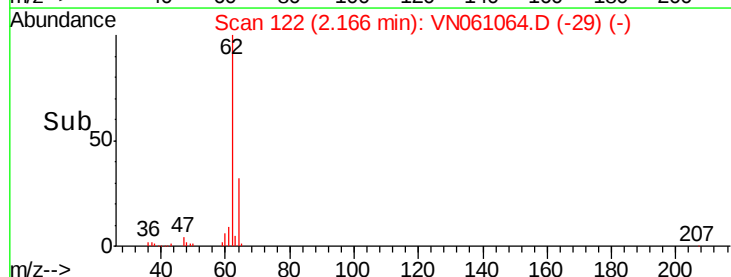
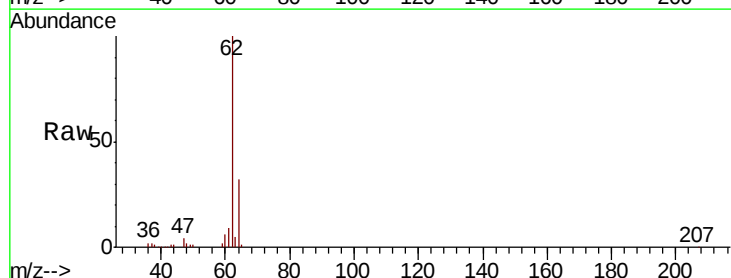
Instrument :
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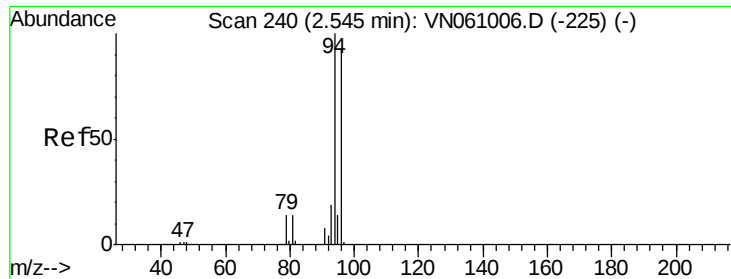
Tot Ion: 50 Resp: 135839
Ion Ratio Lower Upper
50 100
52 32.6 25.6 38.4



#4
Vinyl Chloride
Concen: 50.939 ug/l
RT: 2.17 min Scan# 122
Delta R.T. 0.00 min
Lab File: VN061064.D
Acq: 17 Apr 2020 20:18

Tgt Ion: 62 Resp: 112374
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.0





#5

Bromomethane

Concen: 47.513 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.00 min

Lab File: VN061064.D

Acq: 17 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

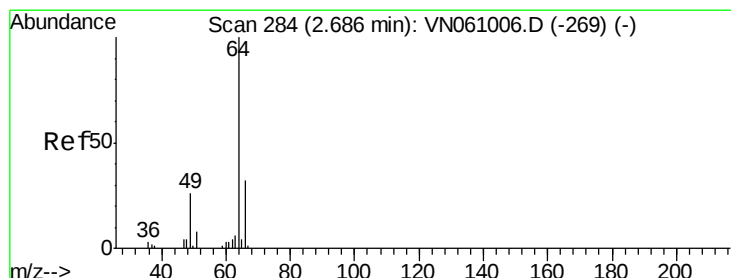
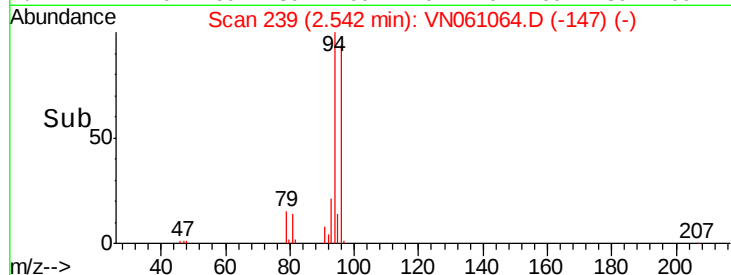
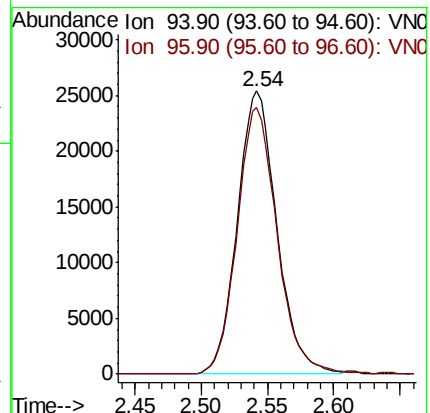
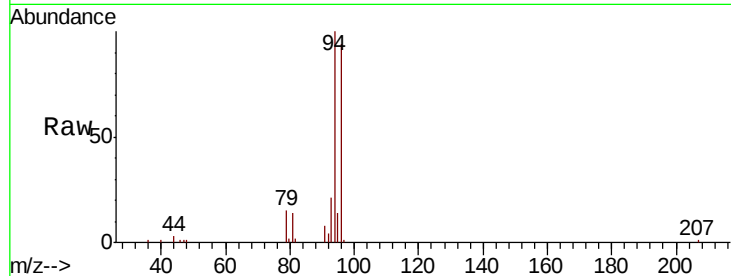
BP-VPB180-GW-403-405MSD

Tot Ion: 94 Resp: 52562

Ion Ratio Lower Upper

94 100

96 94.0 74.3 111.5



#6

Chloroethane

Concen: 52.107 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN061064.D

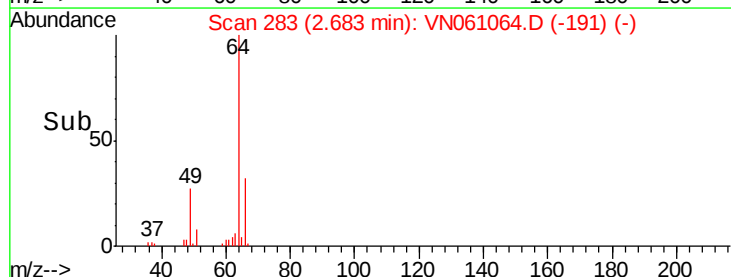
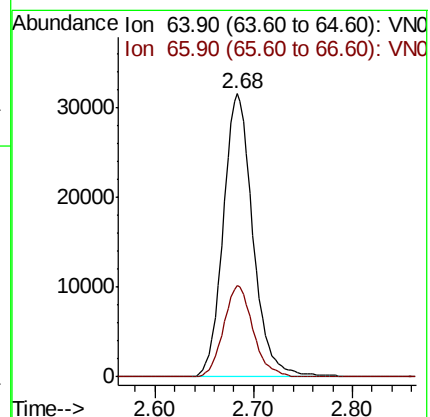
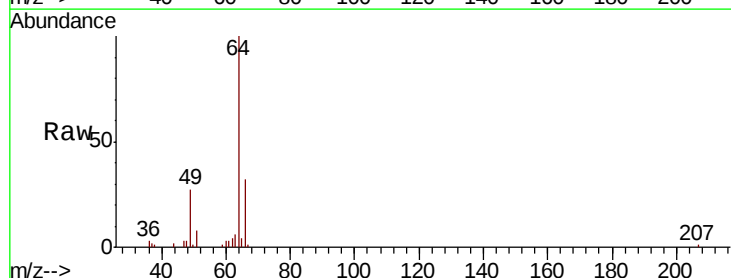
Acq: 17 Apr 2020 20:18

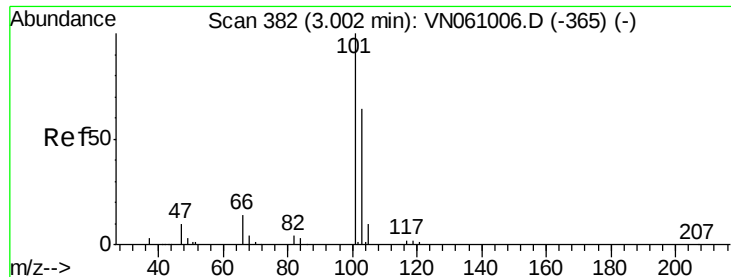
Tgt Ion: 64 Resp: 66309

Ion Ratio Lower Upper

64 100

66 32.3 25.8 38.8



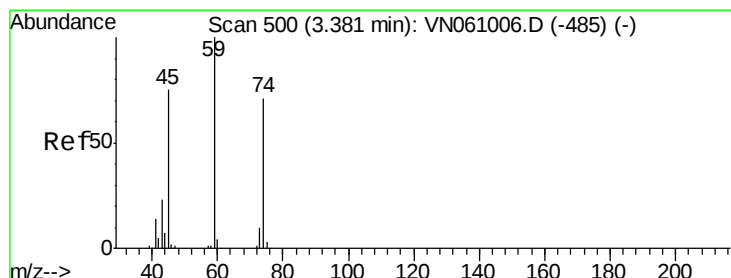
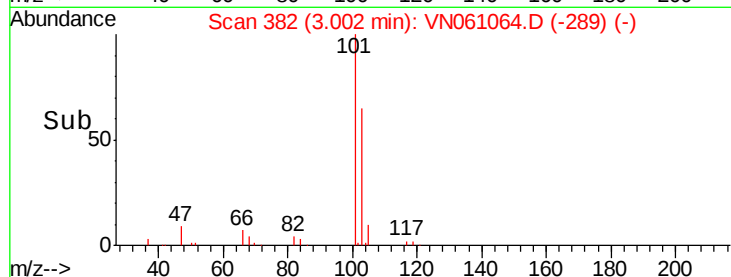
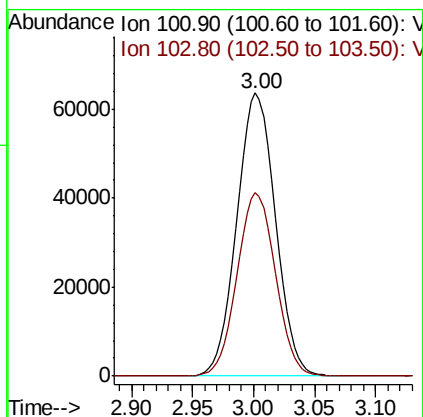
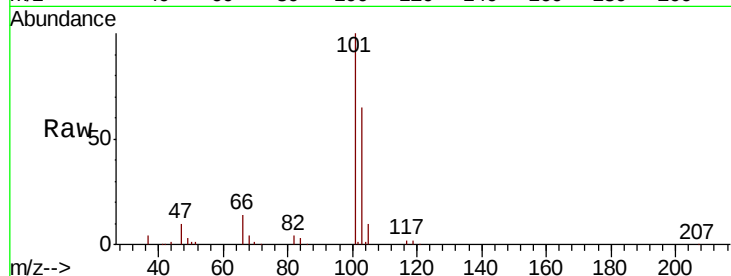


#7

Trichlorofluoromethane
Concen: 50.796 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN061064.D
Acq: 17 Apr 2020 20:18

Instrument :
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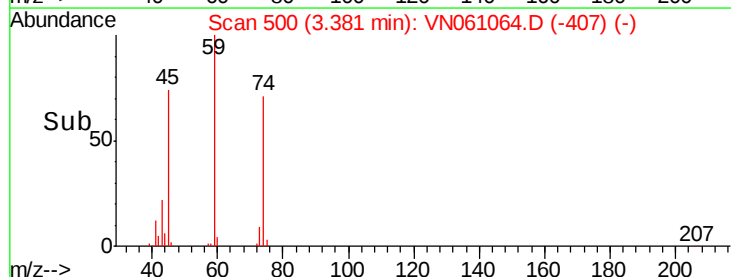
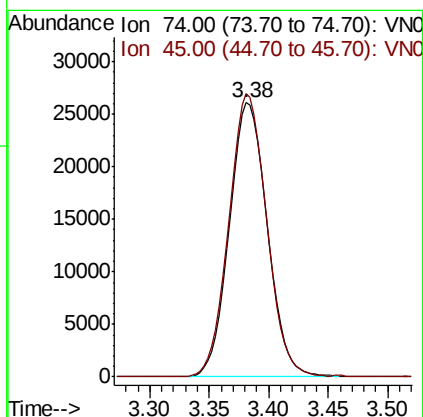
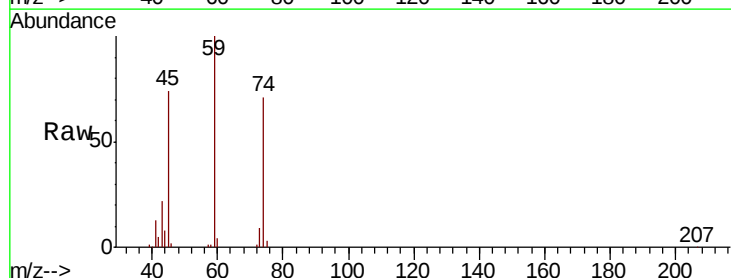
Tot Ion:101 Resp: 139506
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.2

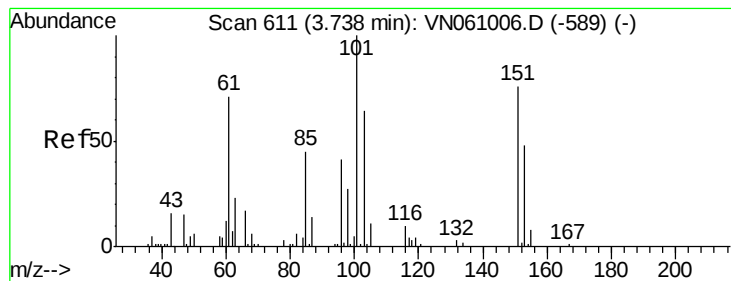


#8

Diethyl Ether
Concen: 52.856 ug/l
RT: 3.38 min Scan# 500
Delta R.T. 0.00 min
Lab File: VN061064.D
Acq: 17 Apr 2020 20:18

Tgt Ion: 74 Resp: 57696
Ion Ratio Lower Upper
74 100
45 102.9 52.9 158.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.609 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN061064.D

Acq: 17 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB180-GW-403-405MSD

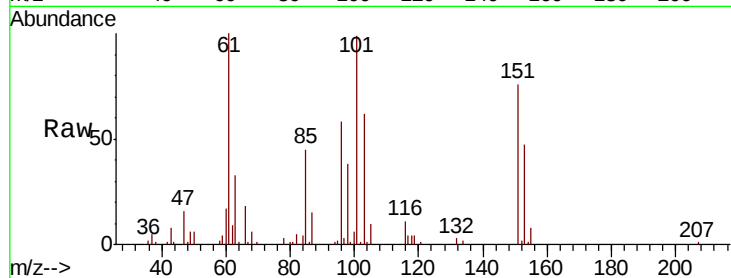
Tot Ion:101 Resp: 76713

Ion Ratio Lower Upper

101 100

85 45.8 35.9 53.9

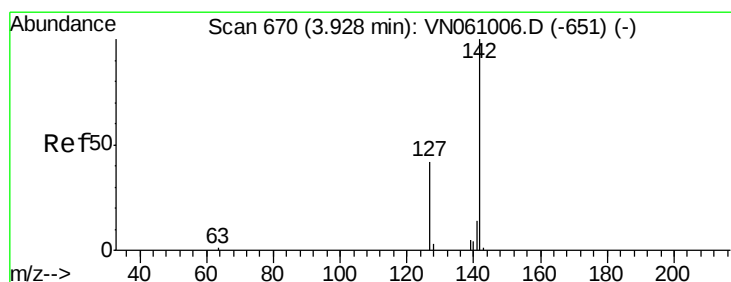
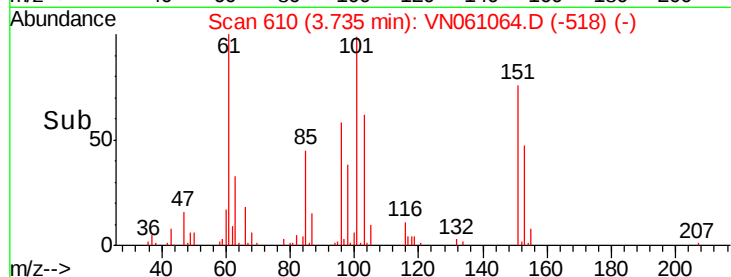
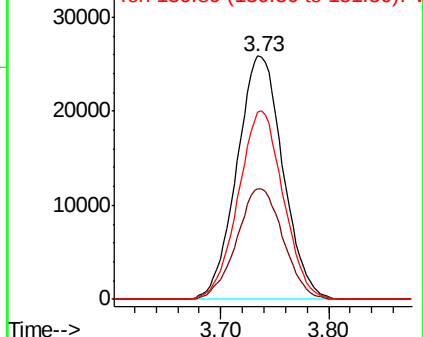
151 75.8 60.8 91.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 56.451 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN061064.D

Acq: 17 Apr 2020 20:18

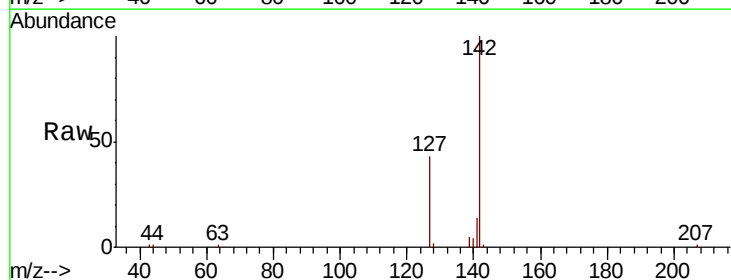
Tgt Ion:142 Resp: 80246

Ion Ratio Lower Upper

142 100

127 41.8 33.4 50.2

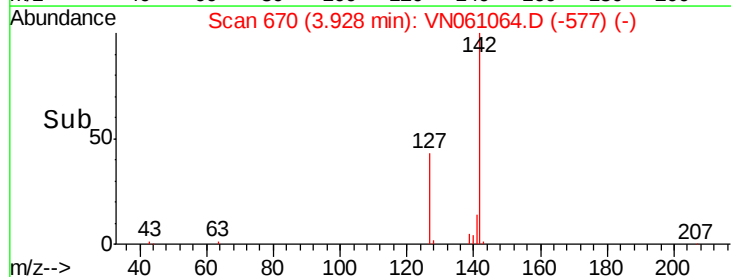
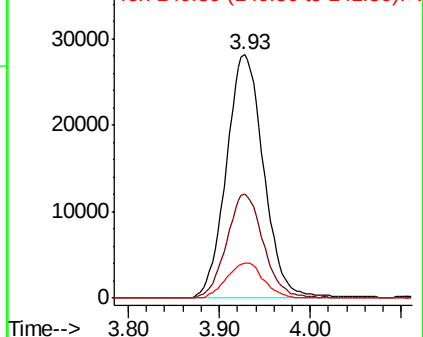
141 14.2 11.0 16.6

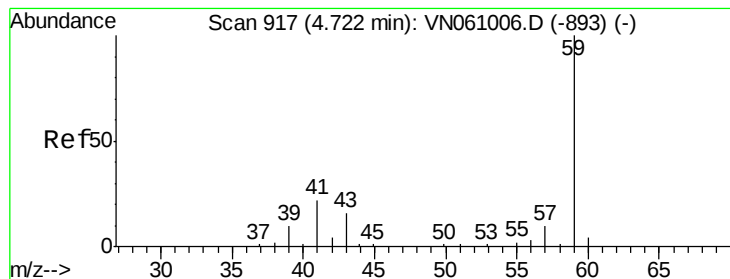


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



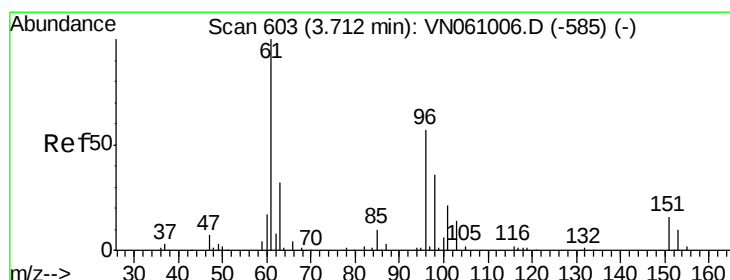
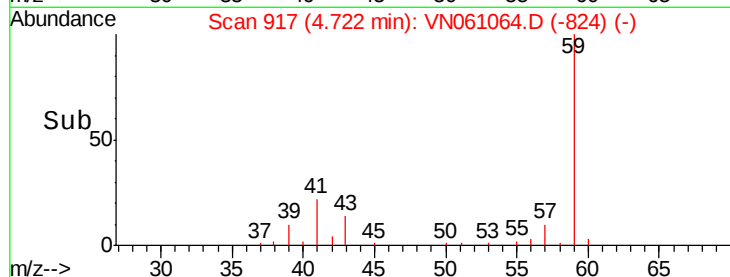
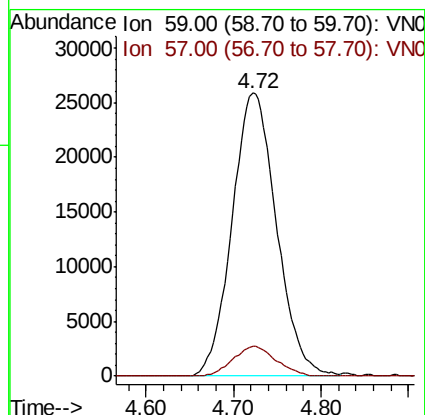
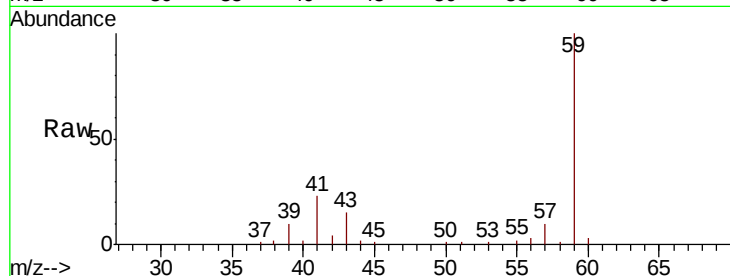


#11

Tert butyl alcohol
 Concen: 268.105 ug/l
 RT: 4.72 min Scan# 917
 Delta R.T. 0.00 min
 Lab File: VN061064.D
 Acq: 17 Apr 2020 20:18

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-GW-403-405MSD

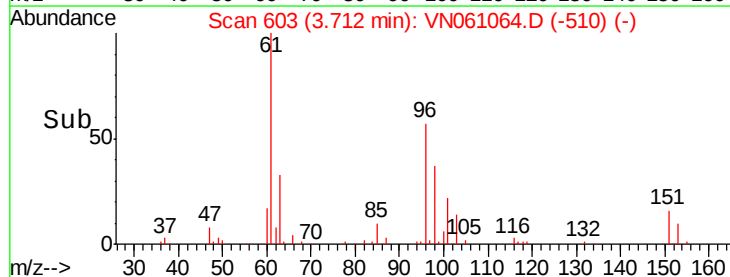
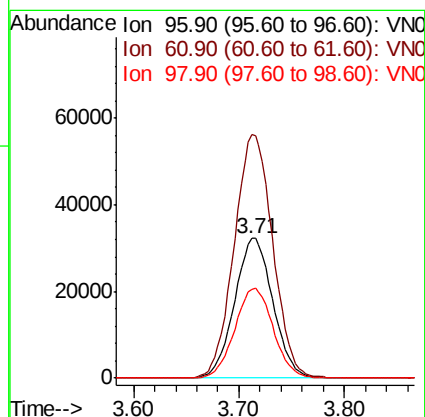
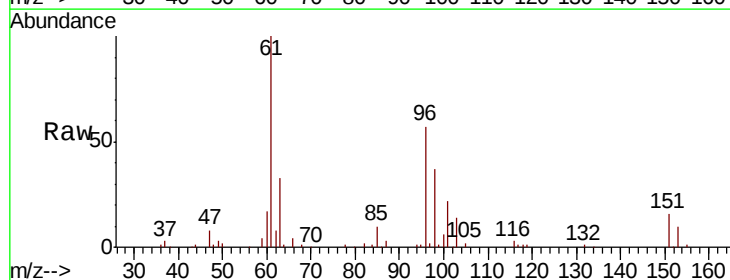
Tot Ion: 59 Resp: 91093
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.1 12.1



#12

1,1-Dichloroethene
 Concen: 49.781 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: VN061064.D
 Acq: 17 Apr 2020 20:18

Tgt Ion: 96 Resp: 81537
 Ion Ratio Lower Upper
 96 100
 61 174.3 139.2 208.8
 98 63.8 50.0 75.0





#13

Acrolein

Concen: 236.382 ug/l

RT: 3.57 min Scan# 560

Delta R.T. 0.00 min

Lab File: VN061064.D

Acq: 17 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

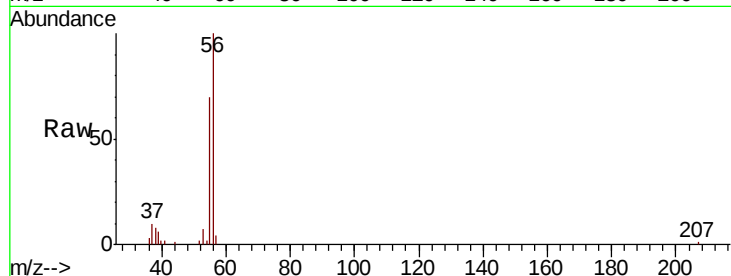
BP-VPB180-GW-403-405MSD

Tot Ion: 56 Resp: 67813

Ion Ratio Lower Upper

56 100

55 70.6 57.0 85.6



Abundance Ion 56.00 (55.70 to 56.70): VN061006.D (-544) (-)

Ion 55.00 (54.70 to 55.70): VN061006.D (-544) (-)

3.57

25000

20000

15000

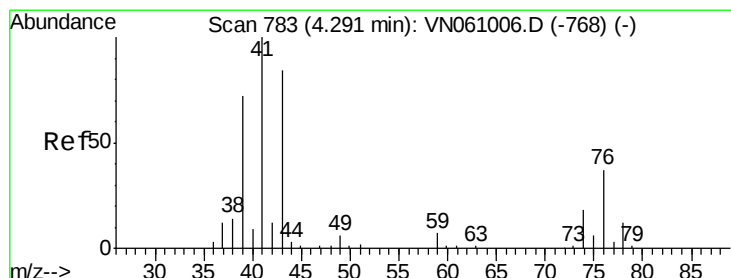
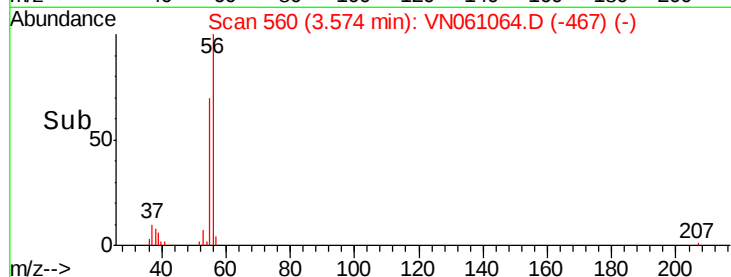
10000

5000

0

3.50 3.60 3.70

Time-->



#14

Allyl chloride

Concen: 47.507 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN061064.D

Acq: 17 Apr 2020 20:18

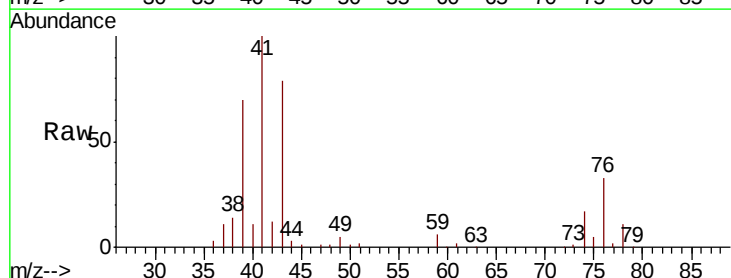
Tgt Ion: 41 Resp: 147227

Ion Ratio Lower Upper

41 100

39 72.1 56.3 84.5

76 34.3 27.7 41.5



Abundance Ion 41.00 (40.70 to 41.70): VN061006.D (-768) (-)

Ion 39.00 (38.70 to 39.70): VN061006.D (-768) (-)

Ion 75.90 (75.60 to 76.60): VN061006.D (-768) (-)

4.29

60000

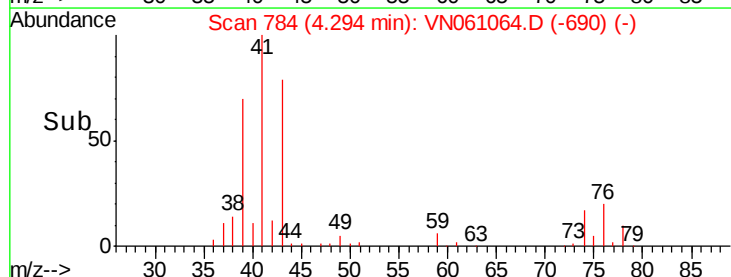
40000

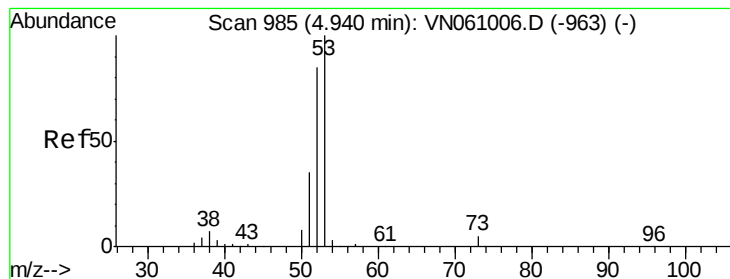
20000

0

4.20 4.25 4.30 4.35 4.40

Time-->





#15

Acrylonitrile

Concen: 277.450 ug/l

RT: 4.94 min Scan# 985

Delta R.T. 0.00 min

Lab File: VN061064.D

Acq: 17 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB180-GW-403-405MSD

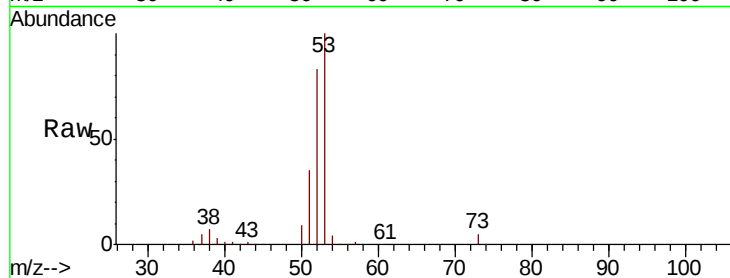
Tot Ion: 53 Resp: 255596

Ion Ratio Lower Upper

53 100

52 82.7 66.8 100.2

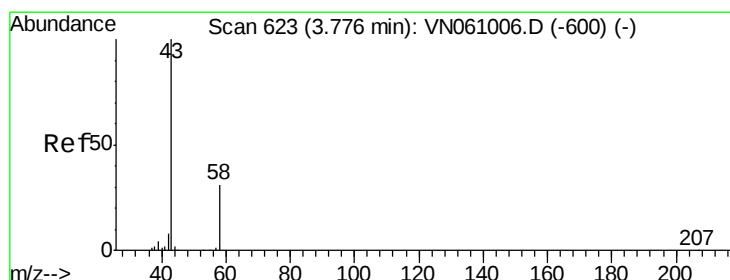
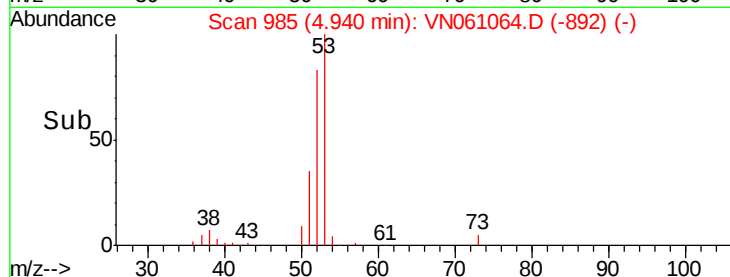
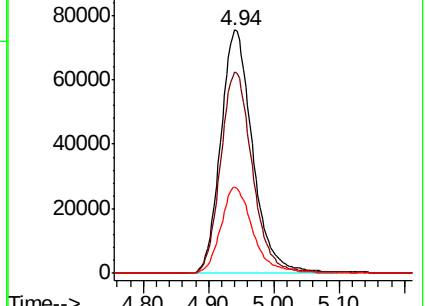
51 35.6 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN061064.D (-963) (-)

Ion 52.00 (51.70 to 52.70): VN061064.D (-963) (-)

Ion 51.00 (50.70 to 51.70): VN061064.D (-963) (-)



#16

Acetone

Concen: 252.661 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061064.D

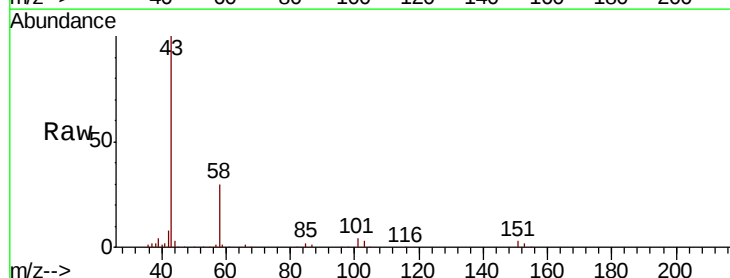
Acq: 17 Apr 2020 20:18

Tgt Ion: 43 Resp: 212962

Ion Ratio Lower Upper

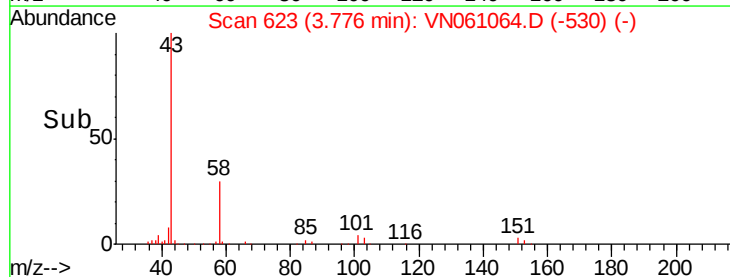
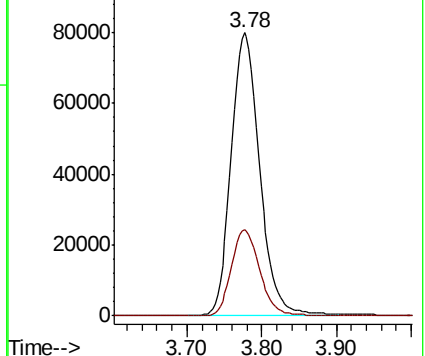
43 100

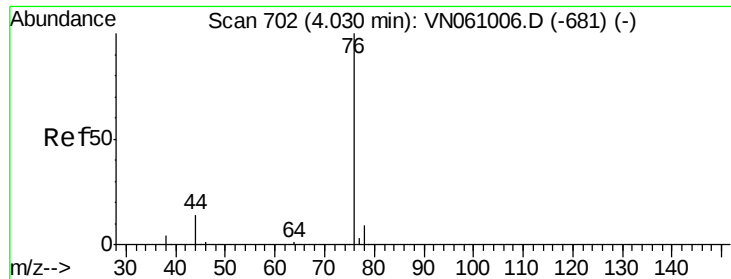
58 30.4 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN061064.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN061064.D (-600) (-)

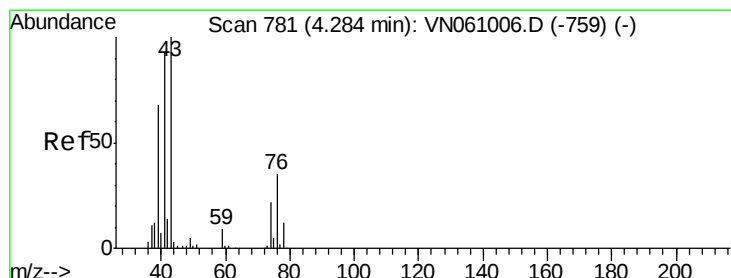
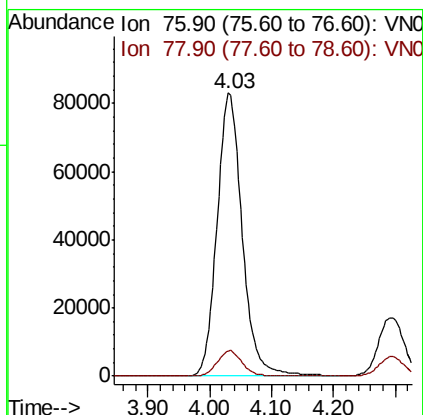
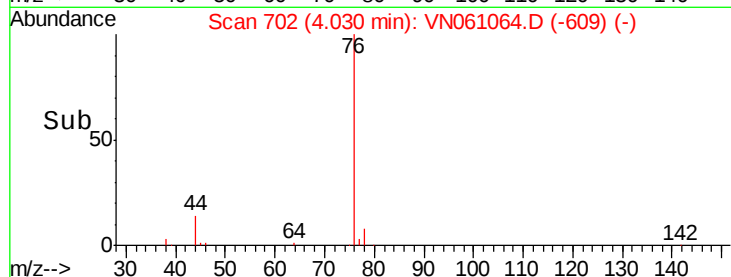
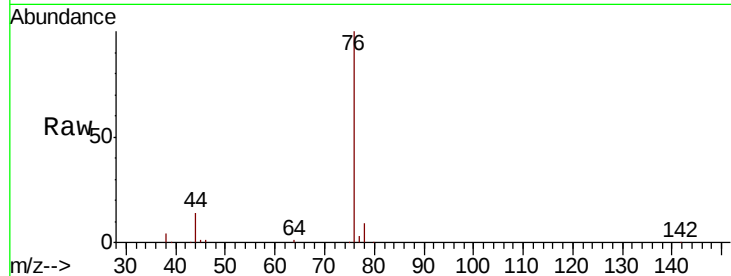




#17
Carbon Disulfide
Concen: 45.845 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN061064.D
Acq: 17 Apr 2020 20:18

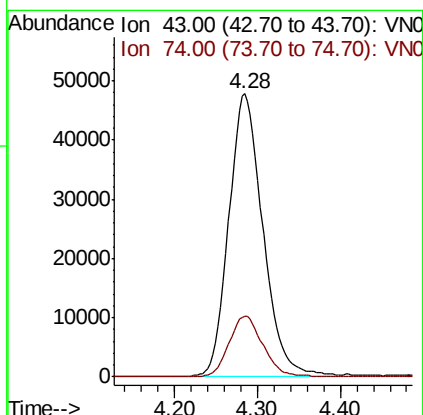
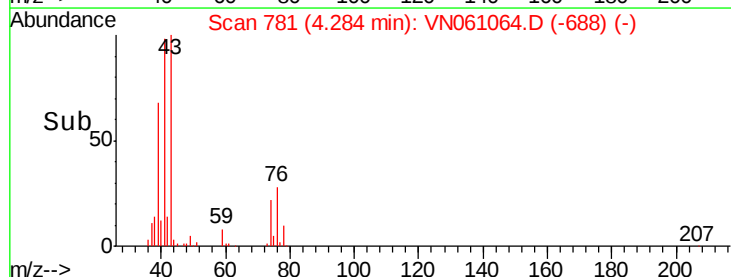
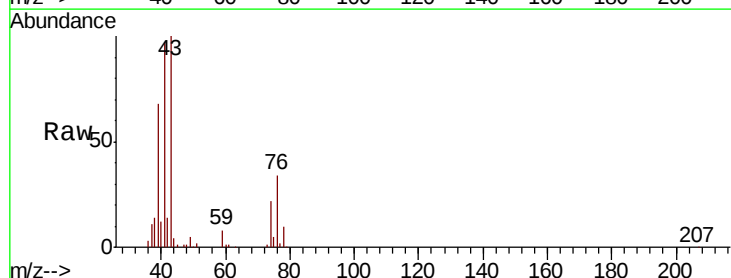
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB180-GW-403-405MSD

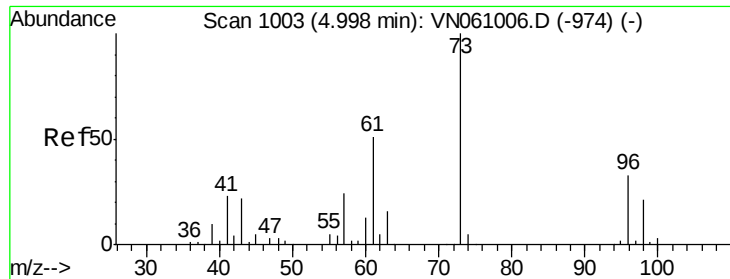
Tot Ion: 76 Resp: 234966
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4



#18
Methyl Acetate
Concen: 51.961 ug/l
RT: 4.28 min Scan# 781
Delta R.T. 0.00 min
Lab File: VN061064.D
Acq: 17 Apr 2020 20:18

Tgt Ion: 43 Resp: 137336
Ion Ratio Lower Upper
43 100
74 21.2 17.4 26.0

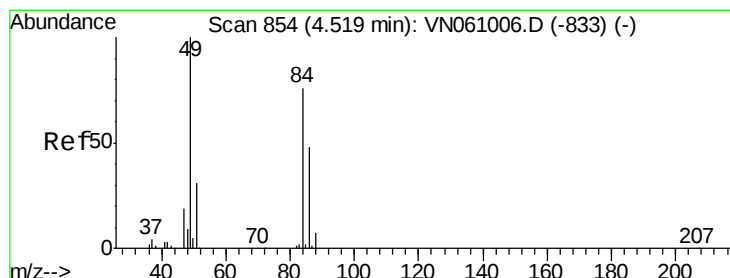
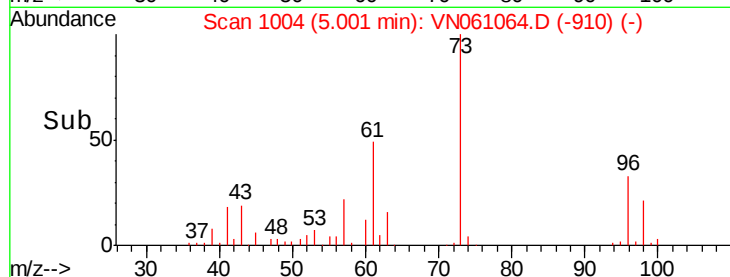
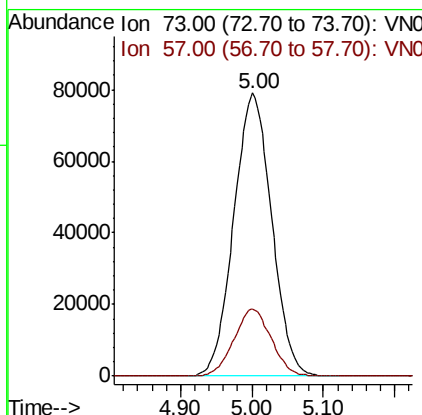
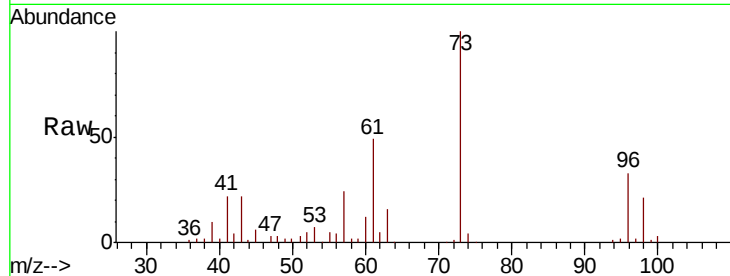




#19
Methvl tert-butvl Ether
Concen: 51.041 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. 0.00 min
Lab File: VN061064.D
Acq: 17 Apr 2020 20:18

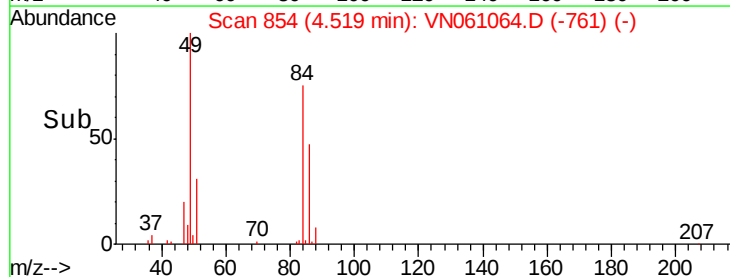
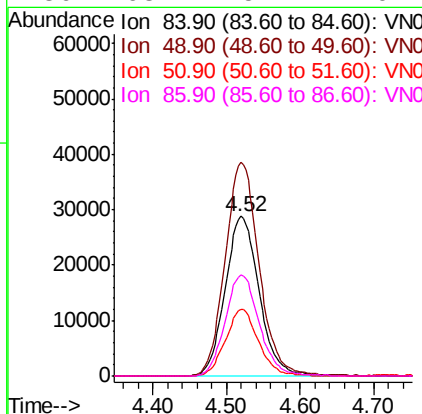
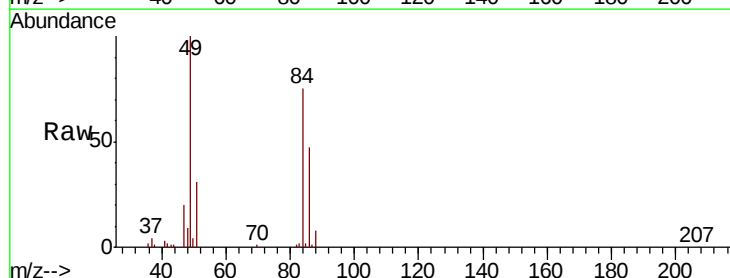
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB180-GW-403-405MSD

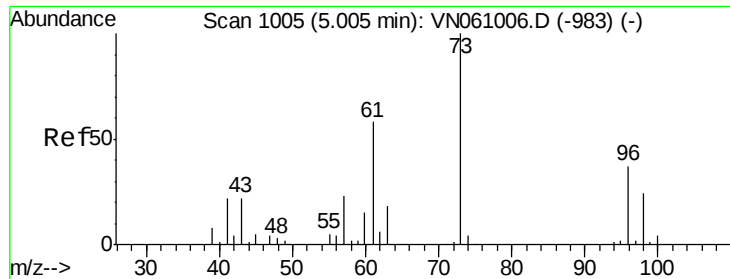
Tot Ion: 73 Resp: 291499
Ion Ratio Lower Upper
73 100
57 23.6 19.0 28.4



#20
Methylene Chloride
Concen: 50.186 ug/l
RT: 4.52 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN061064.D
Acq: 17 Apr 2020 20:18

Tgt Ion: 84 Resp: 92356
Ion Ratio Lower Upper
84 100
49 133.8 105.8 158.6
51 42.1 32.4 48.6
86 63.1 51.1 76.7

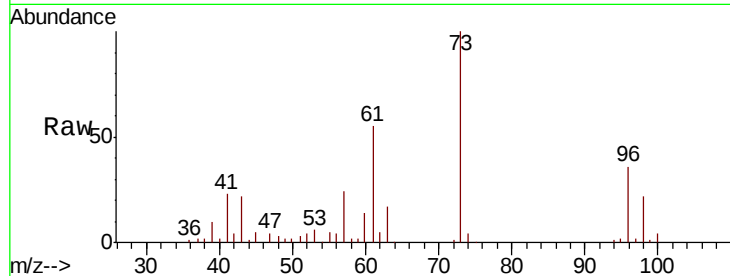




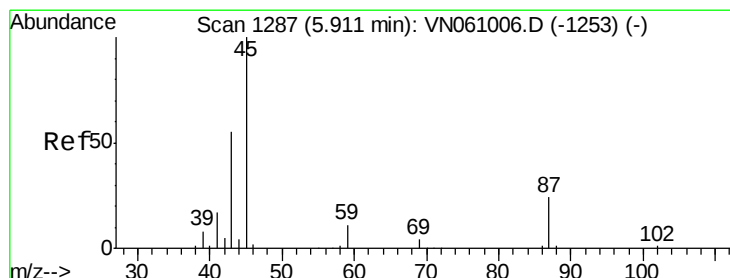
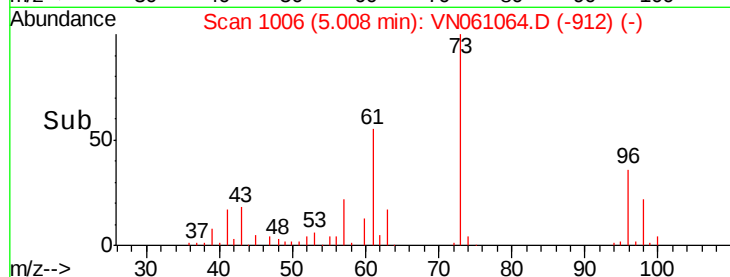
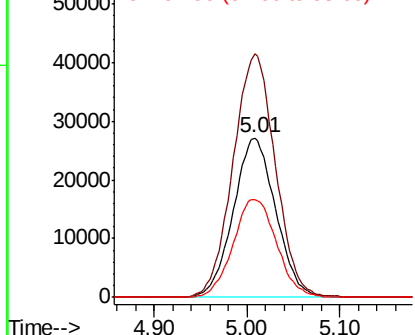
#21
trans-1,2-Dichloroethene
Concen: 49.305 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. 0.00 min
Lab File: VN061064.D
Acq: 17 Apr 2020 20:18

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB180-GW-403-405MSD

Tot Ion: 96 Resp: 86375
Ion Ratio Lower Upper
96 100
61 152.2 124.8 187.2
98 61.4 51.3 76.9

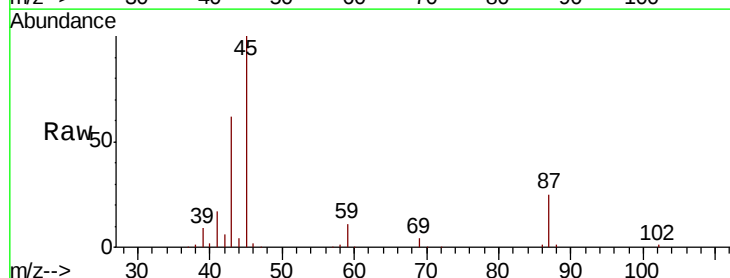


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

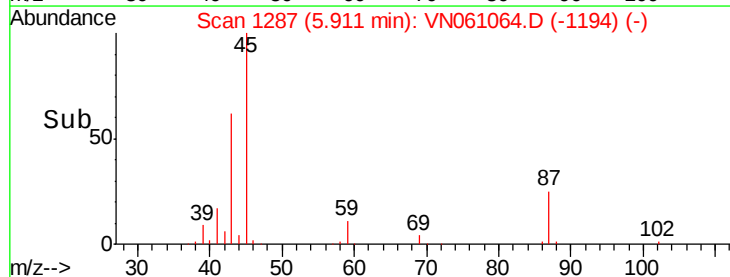
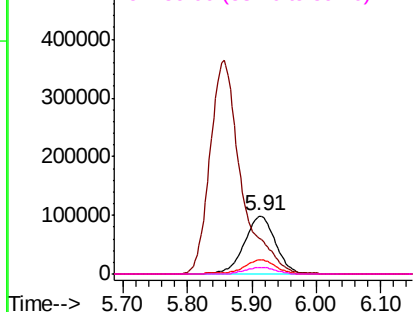


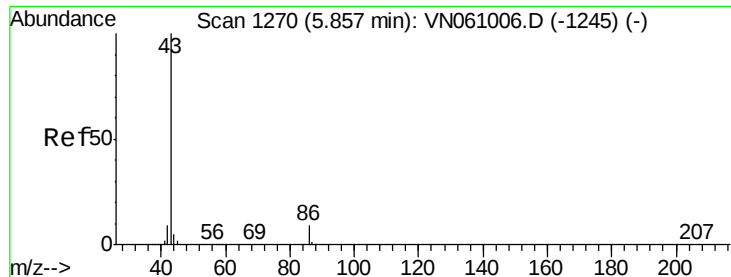
#22
Diisopropyl ether
Concen: 51.504 ug/l
RT: 5.91 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VN061064.D
Acq: 17 Apr 2020 20:18

Tgt Ion: 45 Resp: 331496
Ion Ratio Lower Upper
45 100
43 61.2 48.6 72.8
87 24.5 19.4 29.2
59 11.1 8.6 12.8



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: 243.912 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VN061064.D

Acq: 17 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

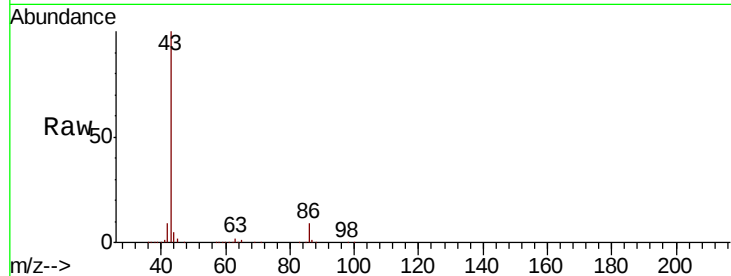
BP-VPB180-GW-403-405MSD

Tot Ion: 43 Resp: 1231076

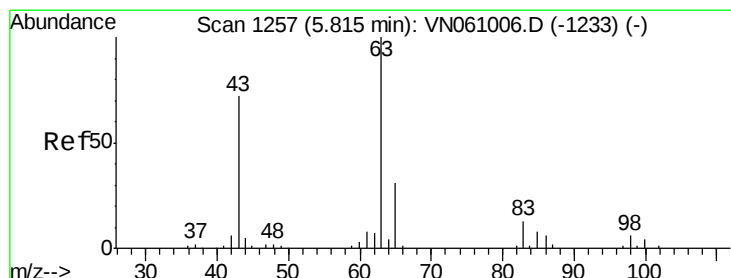
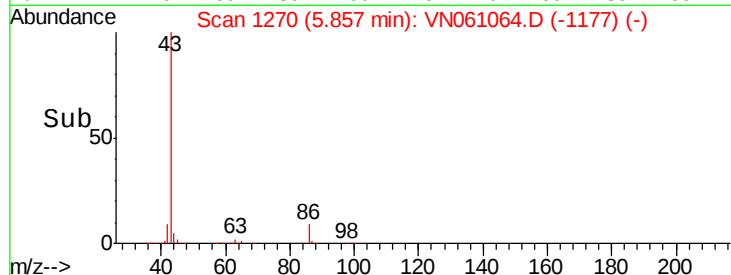
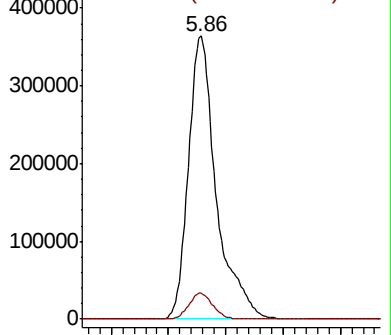
Ion Ratio Lower Upper

43 100

86 9.1 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-1245) (-)



#24

1,1-Dichloroethane

Concen: 51.048 ug/l

RT: 5.81 min Scan# 1257

Delta R.T. 0.00 min

Lab File: VN061064.D

Acq: 17 Apr 2020 20:18

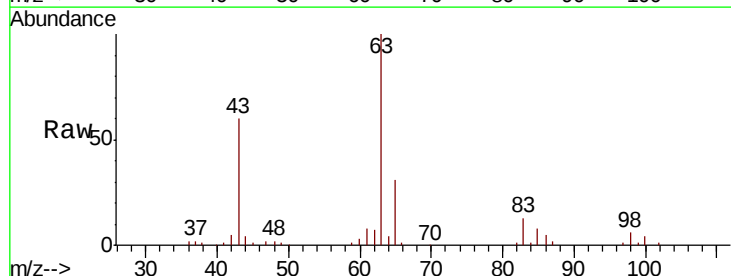
Tgt Ion: 63 Resp: 177456

Ion Ratio Lower Upper

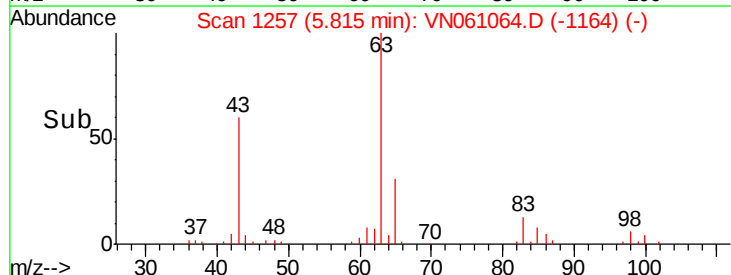
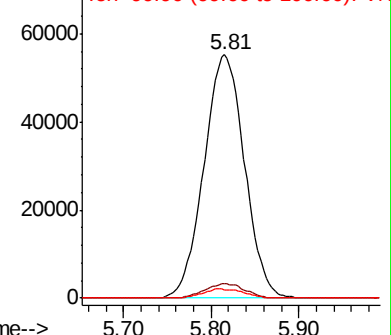
63 100

98 5.9 2.9 8.8

100 3.6 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN061006.D (-1233) (-)





#25

2-Butanone

Concen: 270.322 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN061064.D

Acq: 17 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

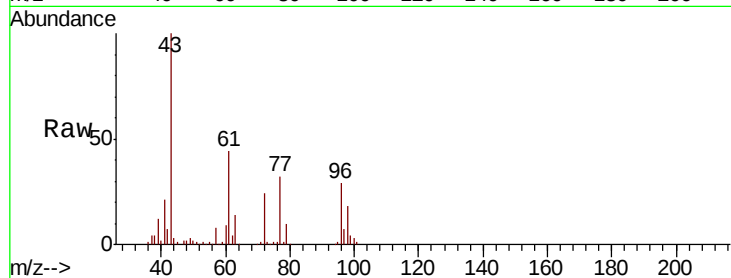
BP-VPB180-GW-403-405MSD

Tot Ion: 43 Resp: 349146

Ion Ratio Lower Upper

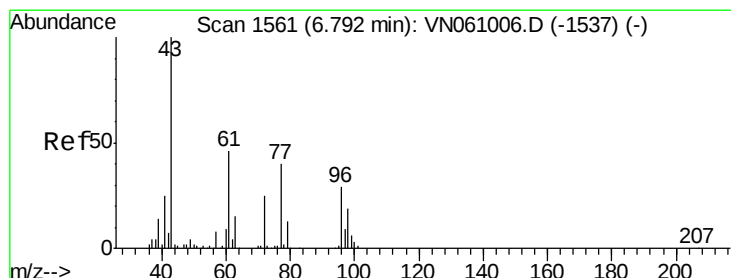
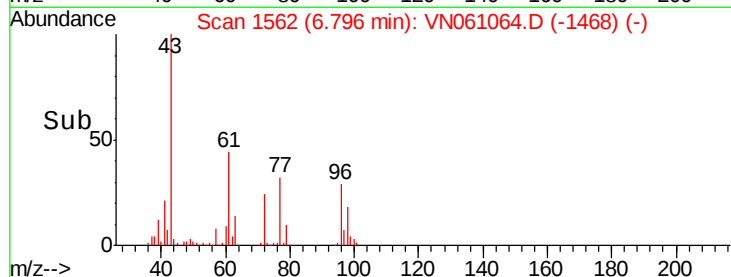
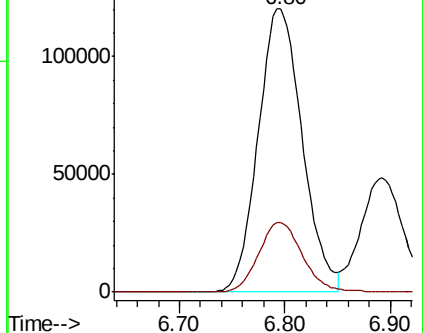
43 100

72 24.5 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-1539) (-)

Ion 72.00 (71.70 to 72.70): VN061006.D (-1539) (-)



#26

2,2-Dichloropropane

Concen: 43.386 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. 0.00 min

Lab File: VN061064.D

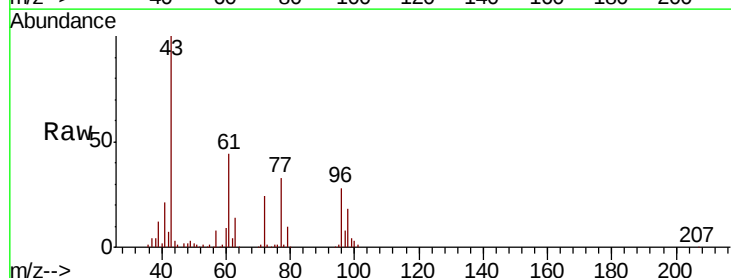
Acq: 17 Apr 2020 20:18

Tgt Ion: 77 Resp: 125577

Ion Ratio Lower Upper

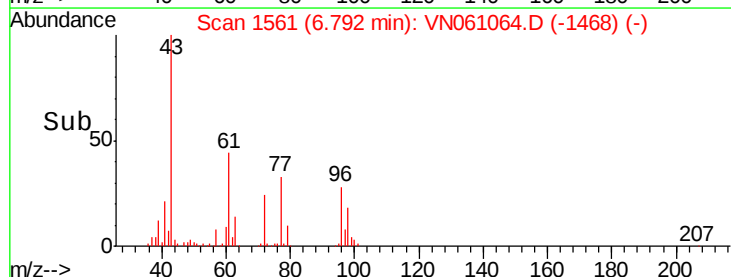
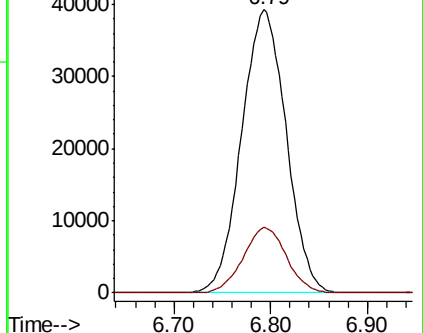
77 100

97 22.4 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VN061006.D (-1537) (-)

Ion 96.90 (96.60 to 97.60): VN061006.D (-1537) (-)





#27

cis-1,2-Dichloroethene

Concen: 49.445 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN061064.D

Acq: 17 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB180-GW-403-405MSD

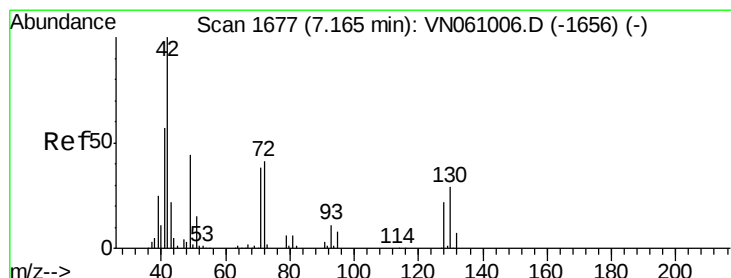
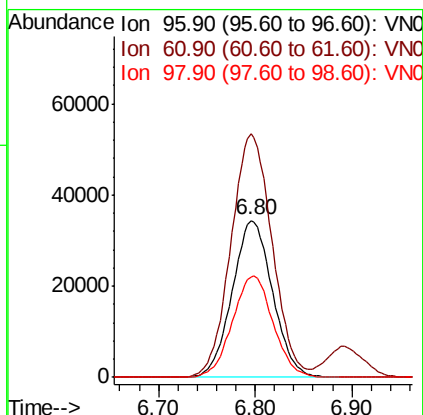
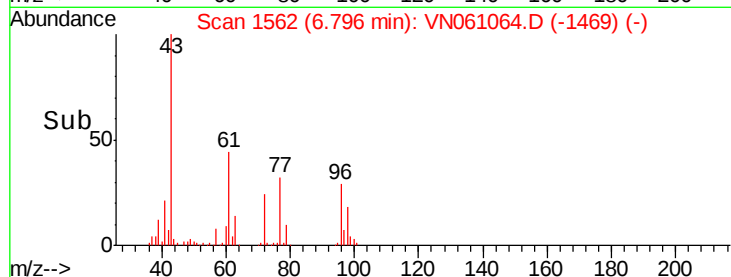
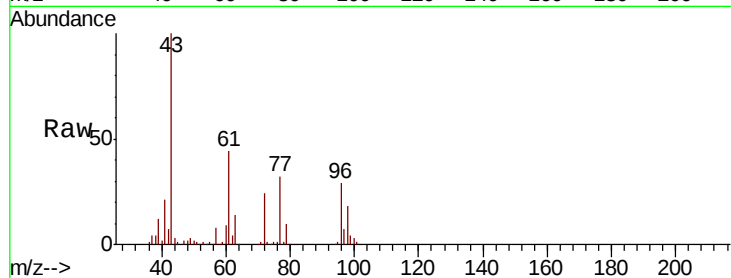
Tot Ion: 96 Resp: 99445

Ion Ratio Lower Upper

96 100

61 158.6 0.0 317.4

98 65.1 0.0 127.8



#28

Bromochloromethane

Concen: 48.003 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN061064.D

Acq: 17 Apr 2020 20:18

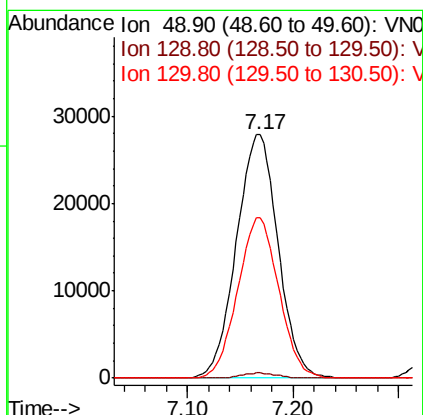
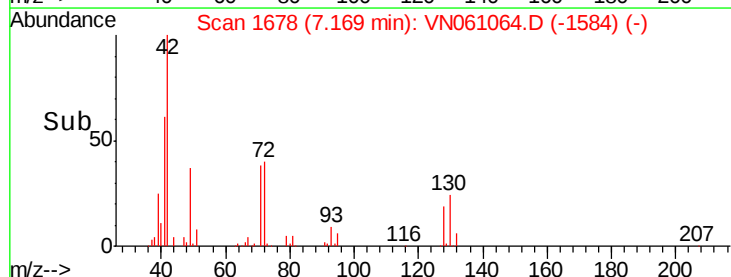
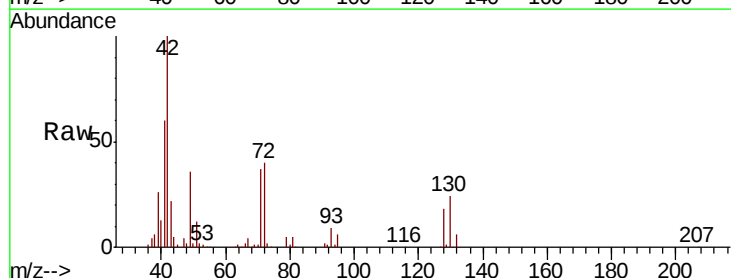
Tgt Ion: 49 Resp: 76598

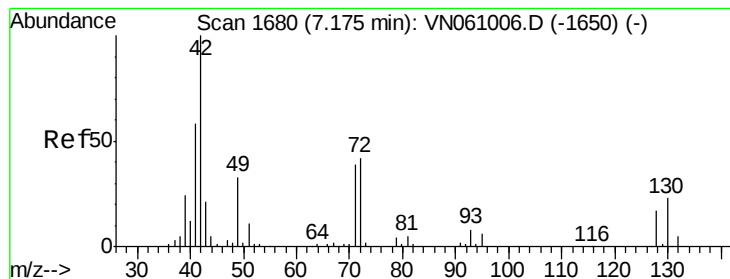
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.0

130 64.9 52.9 79.3





#29

Tetrahydrofuran

Concen: 276.249 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VN061064.D

Acq: 17 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB180-GW-403-405MSD

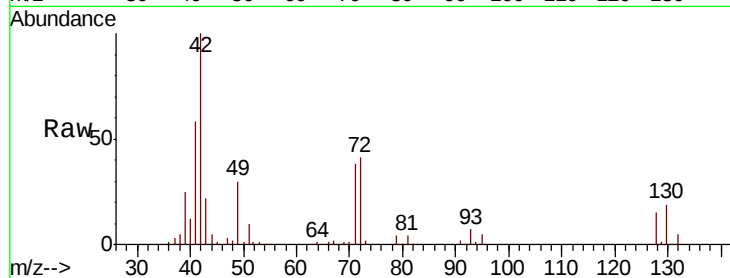
Tot Ion: 42 Resp: 242229

Ion Ratio Lower Upper

42 100

72 39.7 32.1 48.1

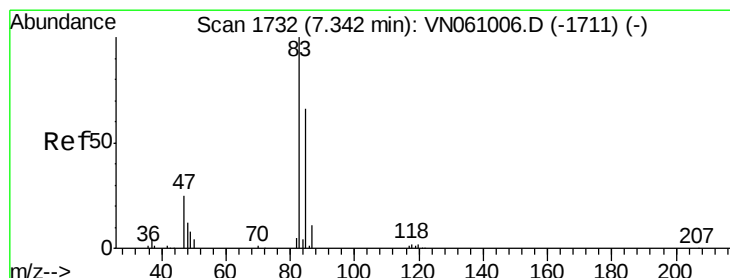
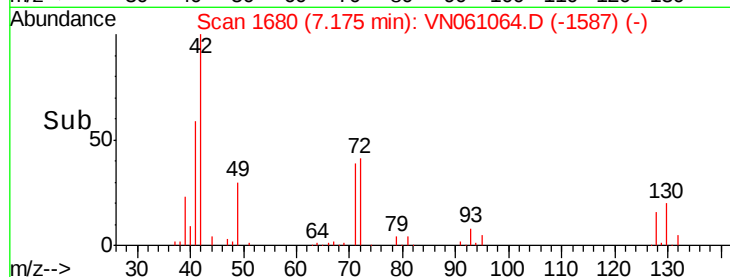
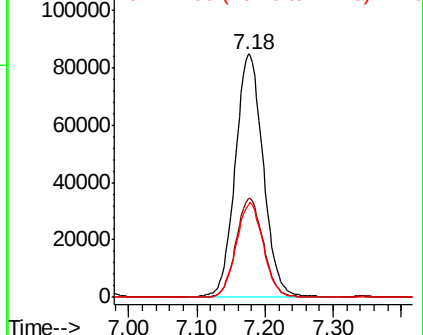
71 37.5 30.5 45.7



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: 51.090 ug/l

RT: 7.35 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VN061064.D

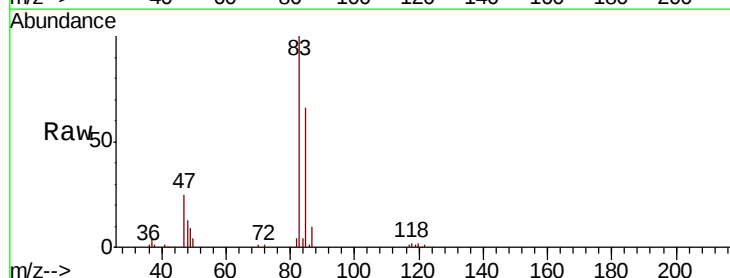
Acq: 17 Apr 2020 20:18

Tgt Ion: 83 Resp: 165653

Ion Ratio Lower Upper

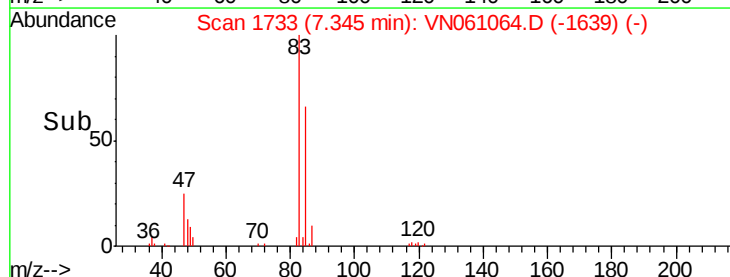
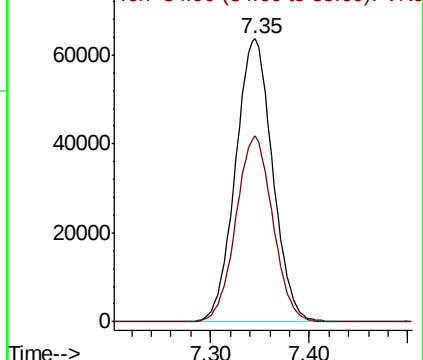
83 100

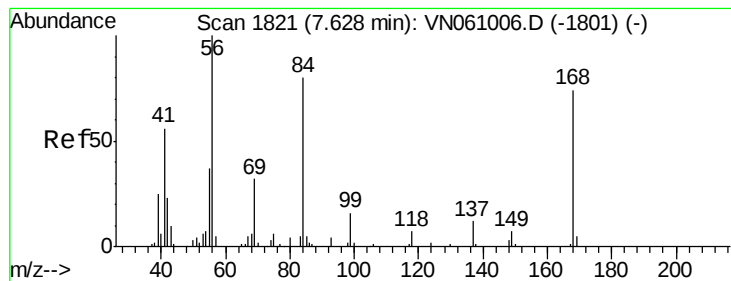
85 65.5 52.8 79.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 46.390 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN061064.D

Acq: 17 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB180-GW-403-405MSD

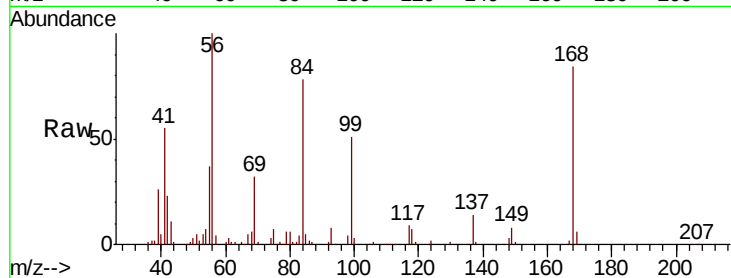
Tot Ion: 56 Resp: 165480

Ion Ratio Lower Upper

56 100

69 31.8 25.6 38.4

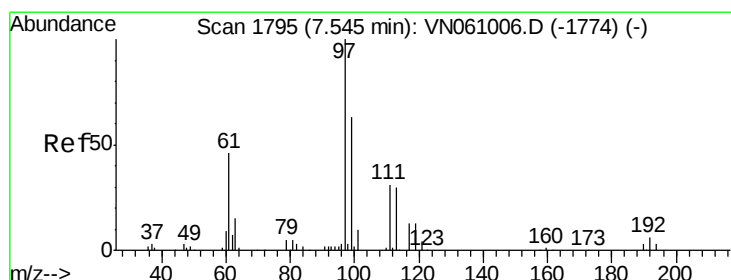
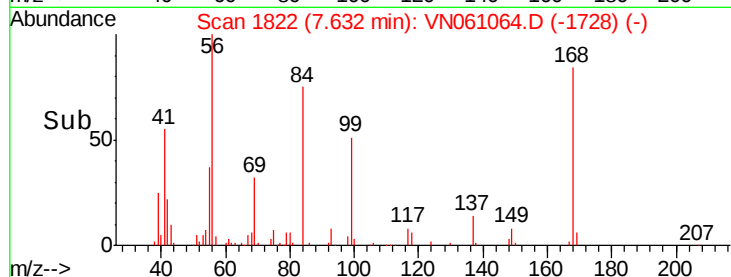
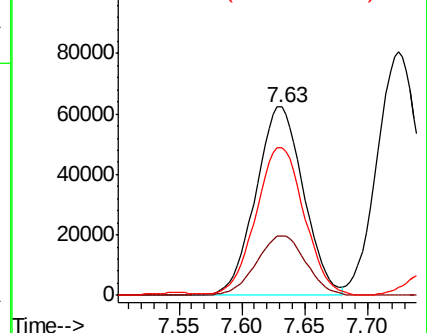
84 77.2 63.4 95.2



Abundance Ion 56.00 (55.70 to 56.70): VN061006.D (-1801) (-)

Ion 69.00 (68.70 to 69.70): VN061006.D (-1801) (-)

Ion 84.00 (83.70 to 84.70): VN061006.D (-1801) (-)



#32

1,1,1-Trichloroethane

Concen: 50.744 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VN061064.D

Acq: 17 Apr 2020 20:18

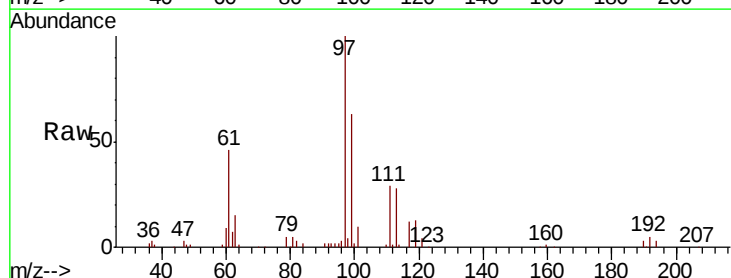
Tgt Ion: 97 Resp: 142317

Ion Ratio Lower Upper

97 100

99 64.6 51.0 76.4

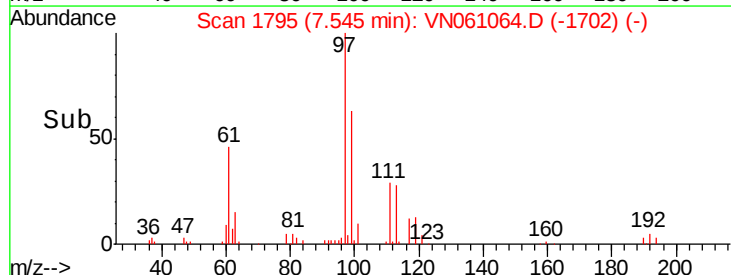
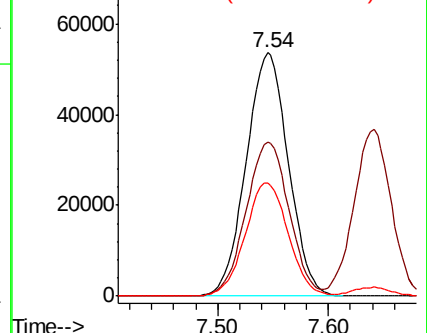
61 47.3 37.0 55.6

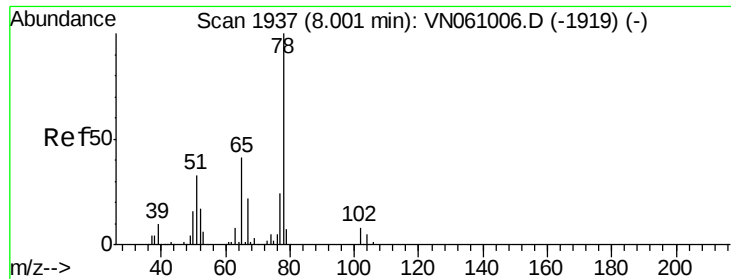


Abundance Ion 96.90 (96.60 to 97.60): VN061006.D (-1774) (-)

Ion 98.90 (98.60 to 99.60): VN061006.D (-1774) (-)

Ion 60.90 (60.60 to 61.60): VN061006.D (-1774) (-)





#33

1,2-Dichloroethane-d4

Concen: 47.850 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN061064.D

Acq: 17 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

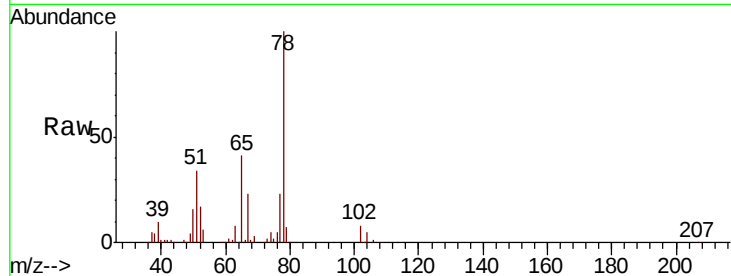
BP-VPB180-GW-403-405MSD

Tot Ion: 65 Resp: 91632

Ion Ratio Lower Upper

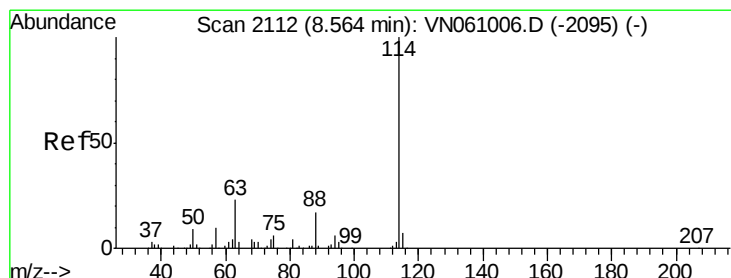
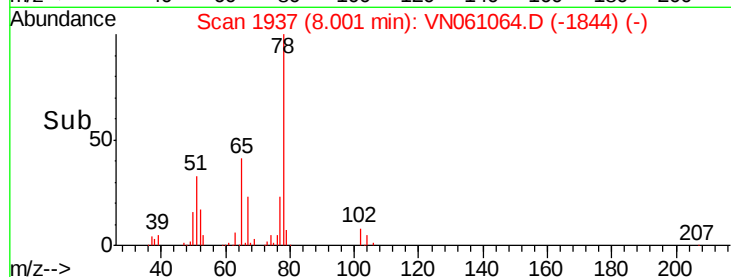
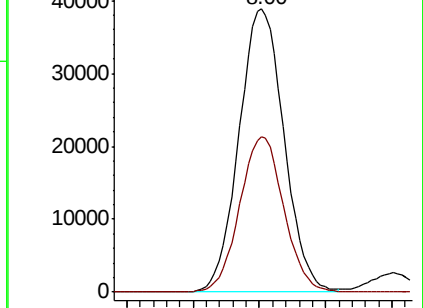
65 100

67 53.7 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VN061006.D (-1919) (-)

Ion 66.90 (66.60 to 67.60): VN061006.D (-1919) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VN061064.D

Acq: 17 Apr 2020 20:18

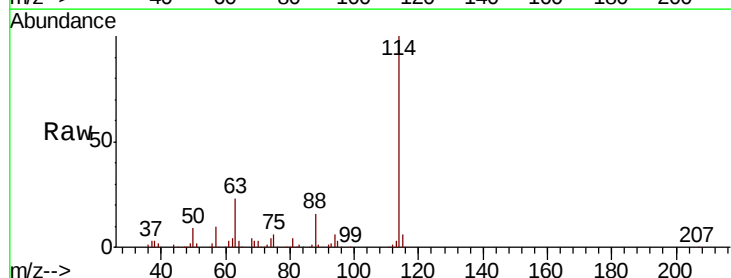
Tgt Ion: 114 Resp: 256002

Ion Ratio Lower Upper

114 100

63 22.9 0.0 46.2

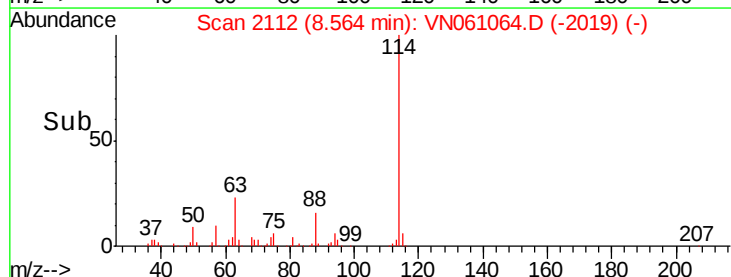
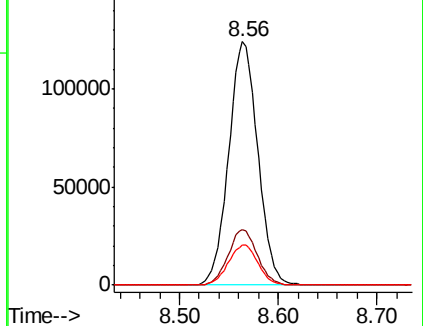
88 16.3 0.0 33.4

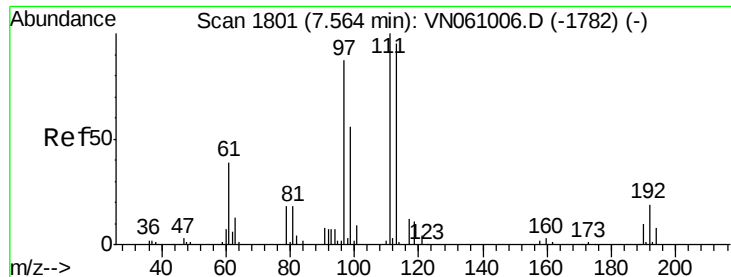


Abundance Ion 113.90 (113.60 to 114.60): VN061006.D (-2095) (-)

Ion 63.00 (62.70 to 63.70): VN061006.D (-2095) (-)

Ion 87.90 (87.60 to 88.60): VN061006.D (-2095) (-)

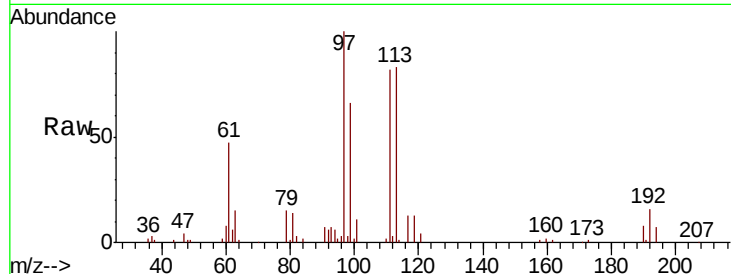




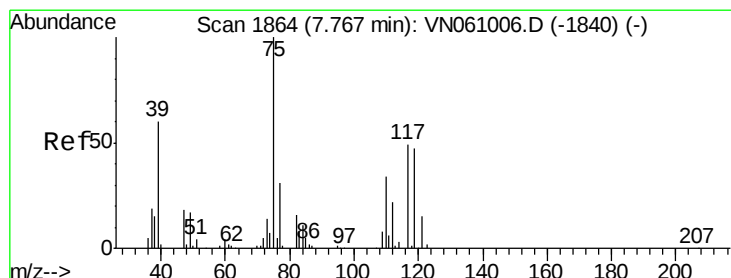
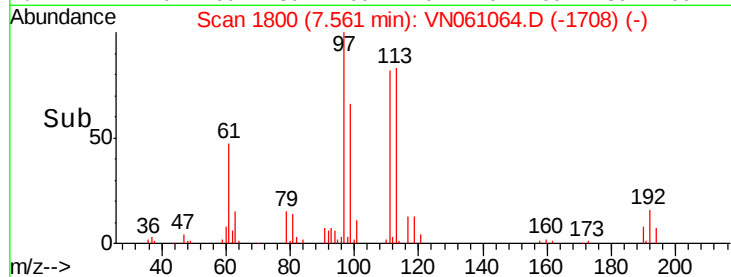
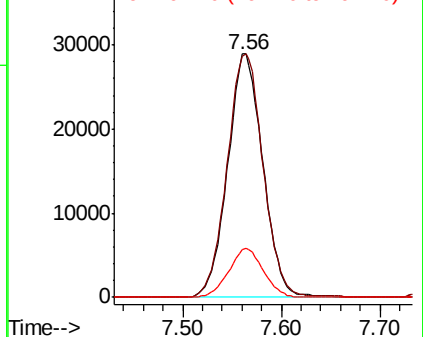
#35
 Dibromofluoromethane
 Concen: 48.052 ug/l
 RT: 7.56 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: VN061064.D
 Acq: 17 Apr 2020 20:18

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-GW-403-405MSD

Tot Ion:113 Resp: 71838
 Ion Ratio Lower Upper
 113 100
 111 101.8 83.4 125.2
 192 19.7 15.5 23.3

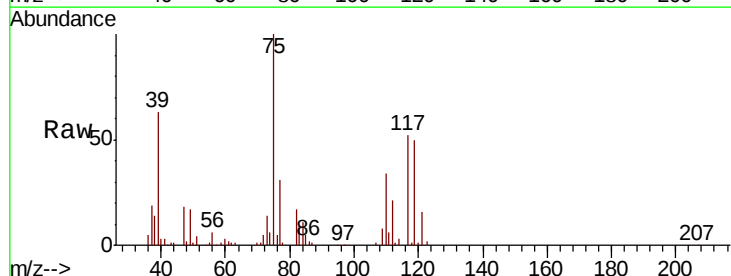


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

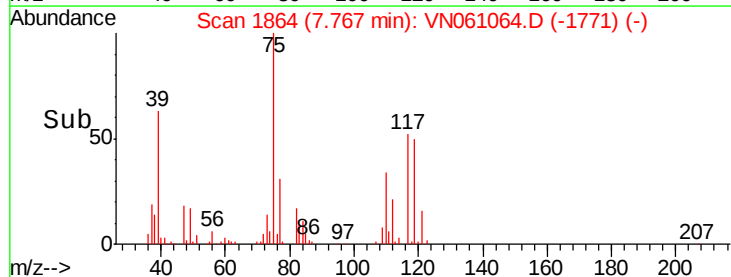
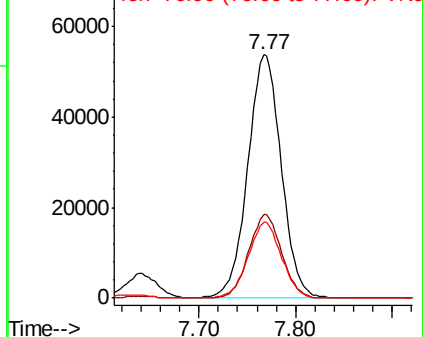


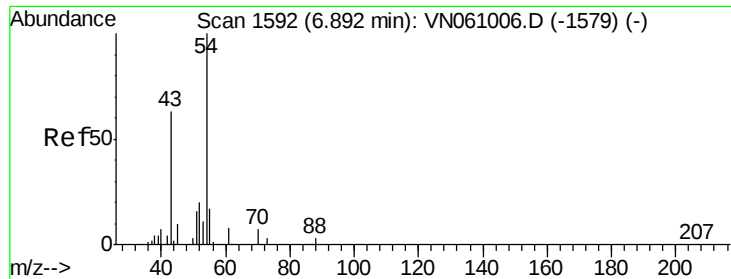
#36
 1,1-Dichloropropene
 Concen: 48.968 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VN061064.D
 Acq: 17 Apr 2020 20:18

Tgt Ion: 75 Resp: 129361
 Ion Ratio Lower Upper
 75 100
 110 33.7 16.8 50.3
 77 31.0 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

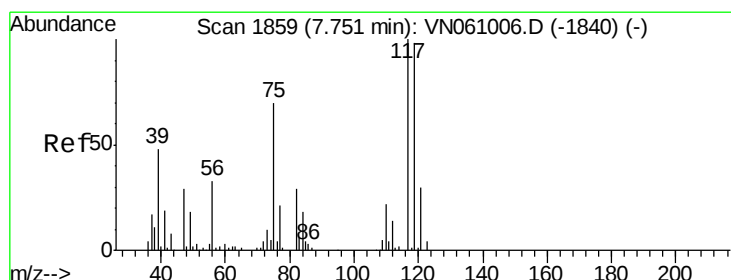
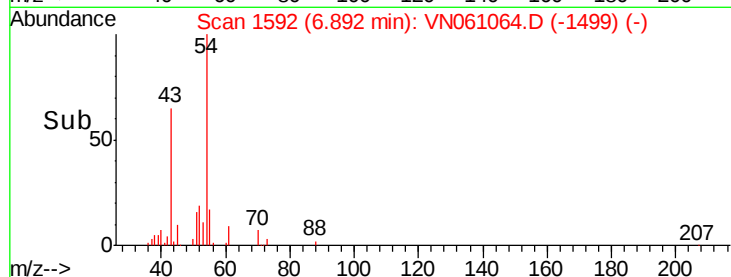
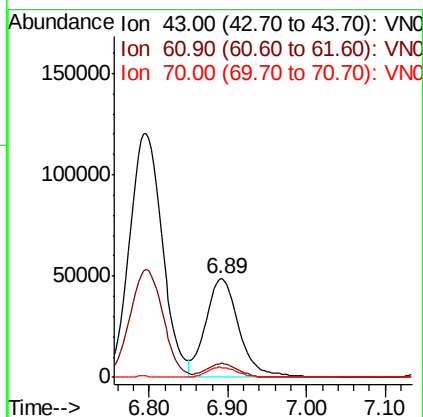
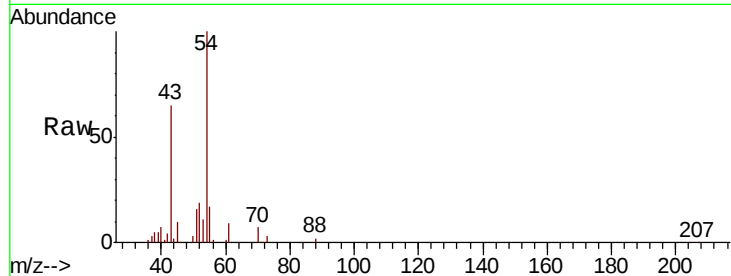




#37
Ethyl Acetate
Concen: 49.346 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VN061064.D
Acq: 17 Apr 2020 20:18

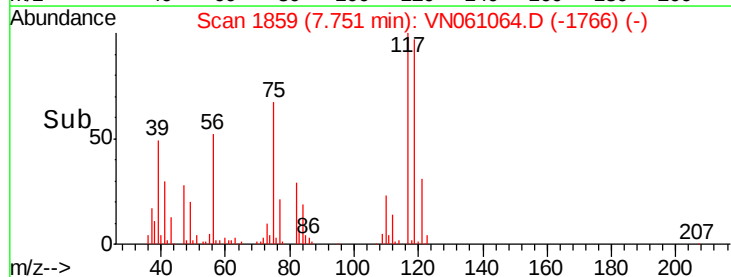
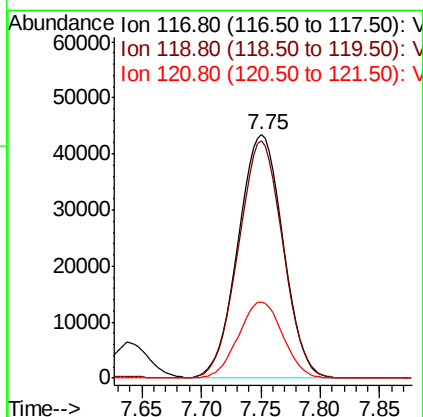
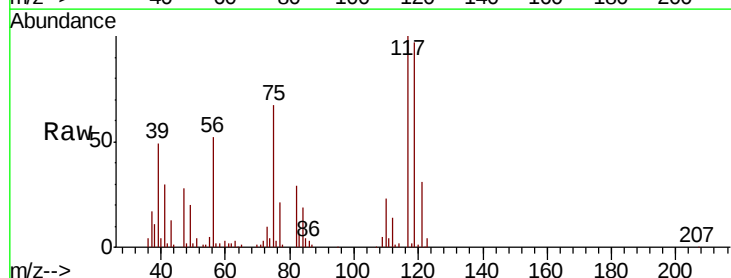
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB180-GW-403-405MSD

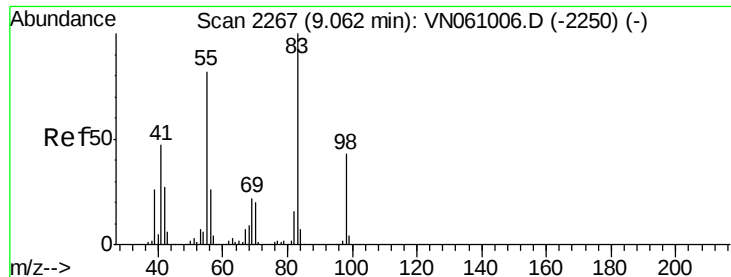
Tot Ion: 43 Resp: 141546
Ion Ratio Lower Upper
43 100
61 13.2 10.9 16.3
70 9.6 7.7 11.5



#38
Carbon Tetrachloride
Concen: 51.693 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN061064.D
Acq: 17 Apr 2020 20:18

Tgt Ion: 117 Resp: 113667
Ion Ratio Lower Upper
117 100
119 97.5 78.1 117.1
121 31.3 24.0 36.0

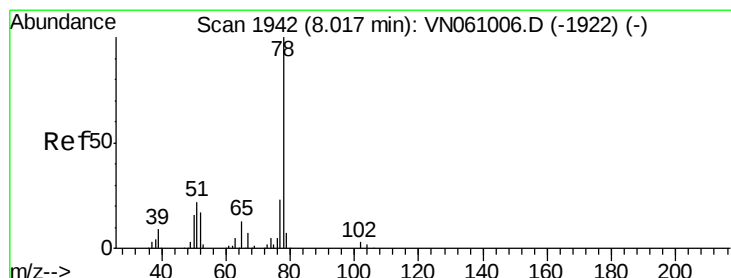
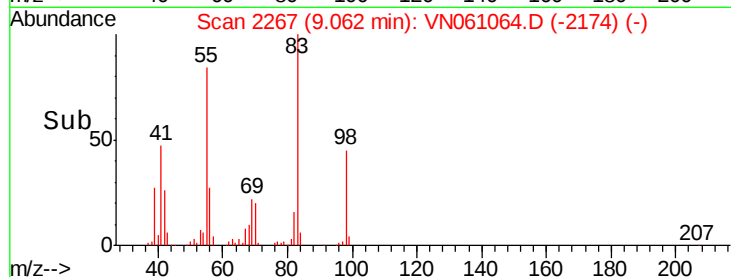
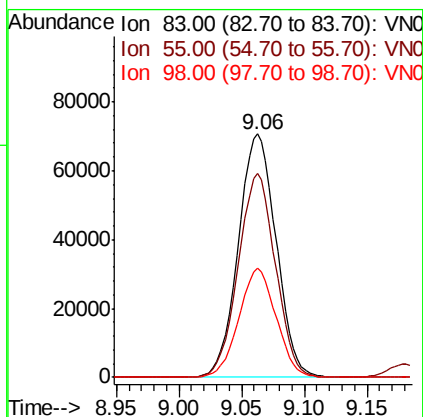
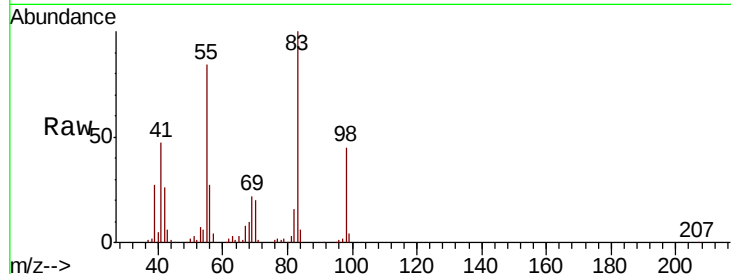




#39
Methvlcvclohexane
Concen: 46.864 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. 0.00 min
Lab File: VN061064.D
Acq: 17 Apr 2020 20:18

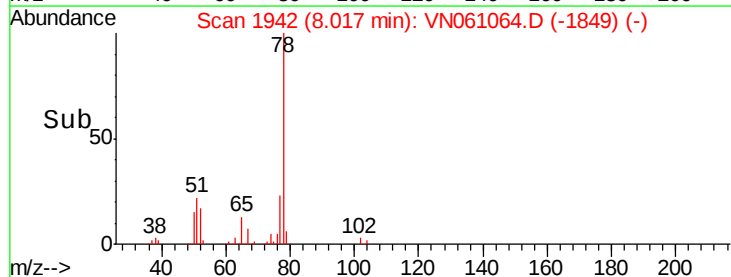
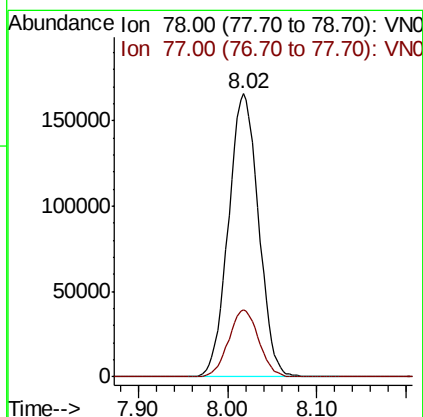
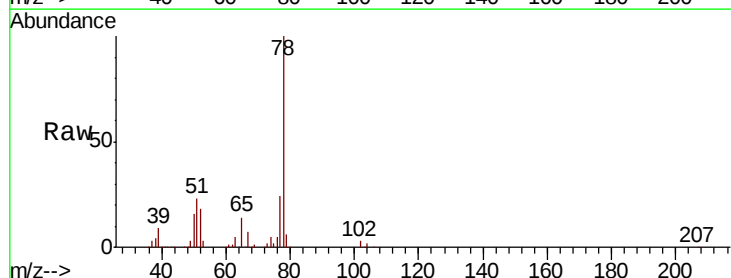
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB180-GW-403-405MSD

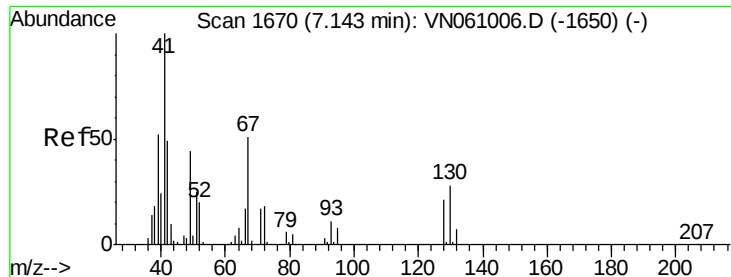
Tot Ion: 83 Resp: 148012
Ion Ratio Lower Upper
83 100
55 83.9 65.4 98.0
98 44.7 34.6 51.8



#40
Benzene
Concen: 49.585 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.00 min
Lab File: VN061064.D
Acq: 17 Apr 2020 20:18

Tgt Ion: 78 Resp: 388605
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2

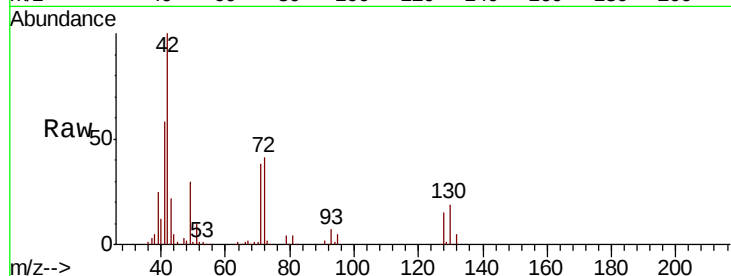




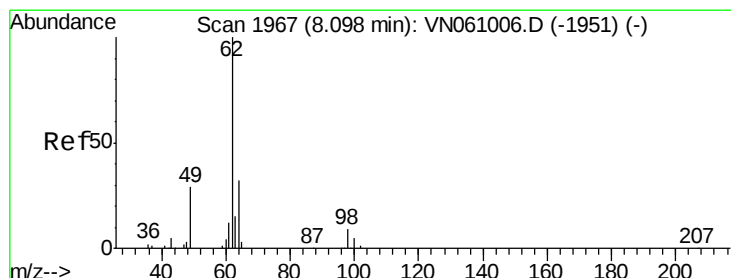
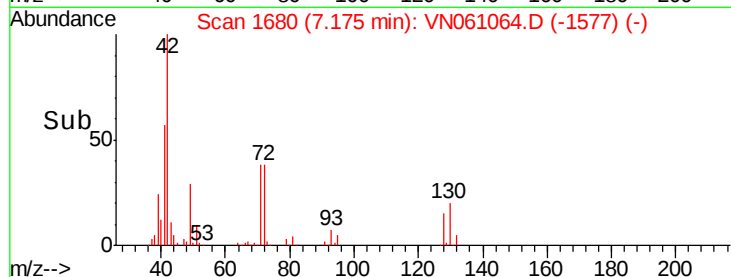
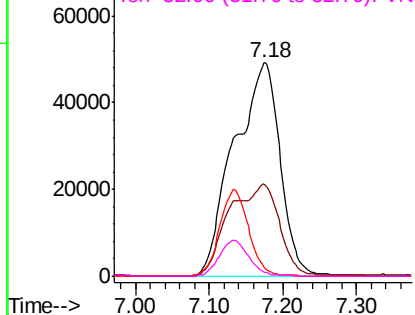
#41
Methacrylonitrile
Concen: 178.066 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN061064.D
Acq: 17 Apr 2020 20:18

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB180-GW-403-405MSD

Tot Ion:	41	Resp:	213046
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

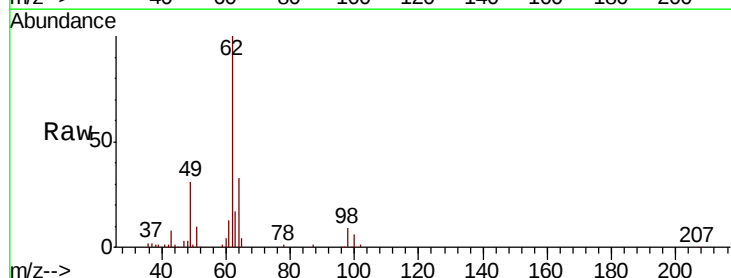


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

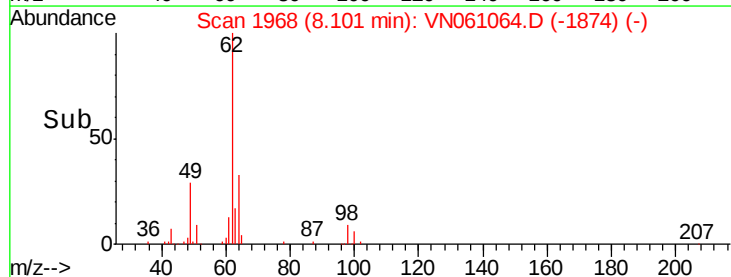
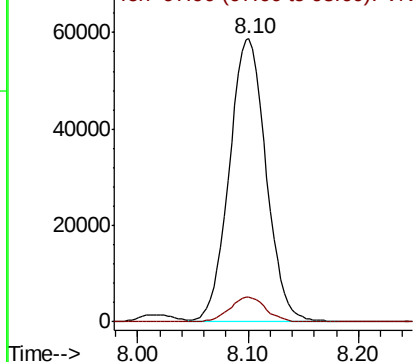


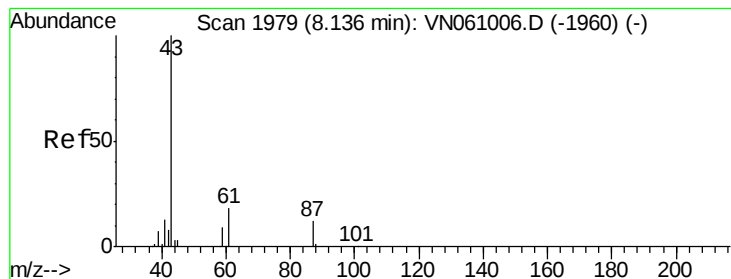
#42
1,2-Dichloroethane
Concen: 50.894 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN061064.D
Acq: 17 Apr 2020 20:18

Tgt Ion:	62	Resp:	135873
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.2



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 50.558 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. 0.00 min

Lab File: VN061064.D

Acq: 17 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB180-GW-403-405MSD

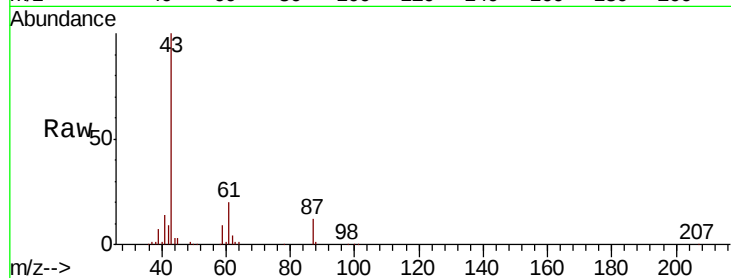
Tot Ion: 43 Resp: 235863

Ion Ratio Lower Upper

43 100

61 25.8 20.3 30.5

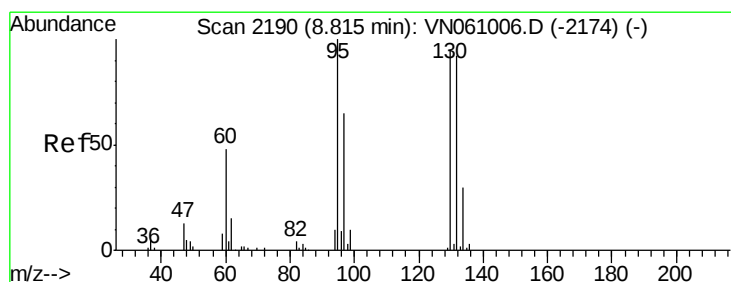
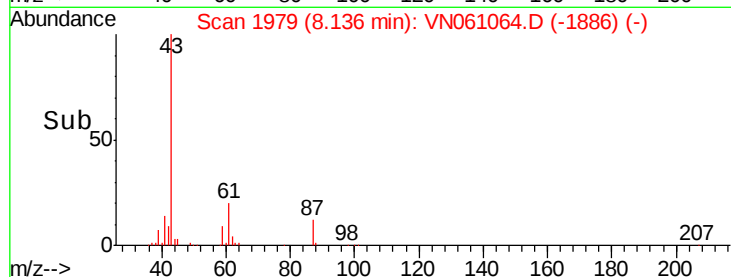
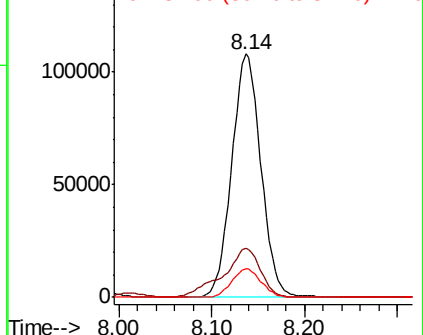
87 11.8 9.4 14.2



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-1960) (-)

Ion 61.00 (60.70 to 61.70): VN061006.D (-1960) (-)

Ion 87.00 (86.70 to 87.70): VN061006.D (-1960) (-)



#44

Trichloroethene

Concen: 48.931 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN061064.D

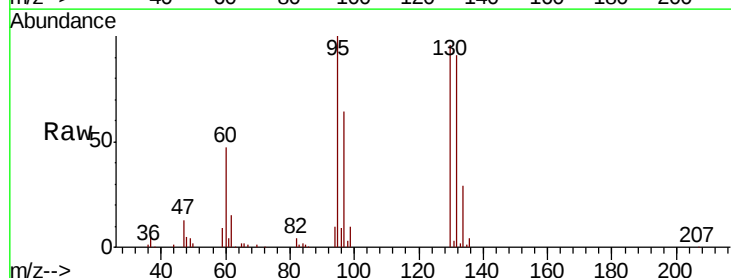
Acq: 17 Apr 2020 20:18

Tgt Ion: 130 Resp: 96357

Ion Ratio Lower Upper

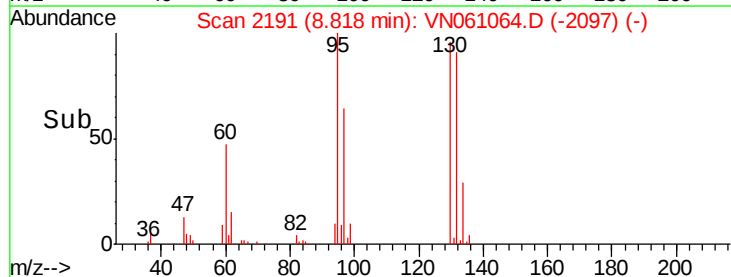
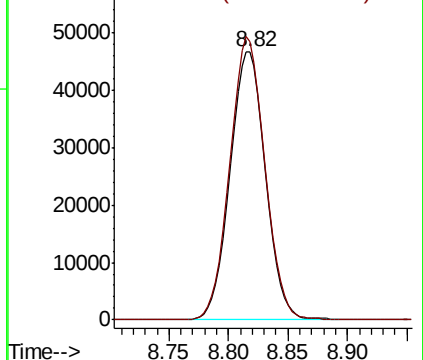
130 100

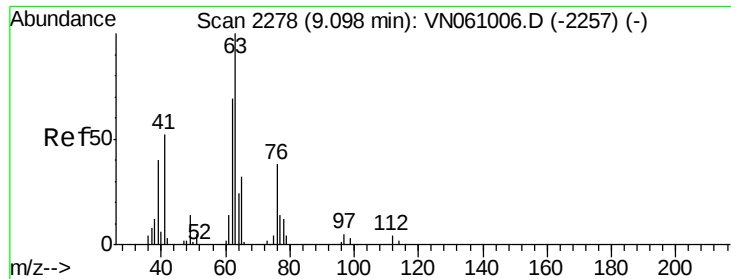
95 103.9 0.0 210.0



Abundance Ion 129.80 (129.50 to 130.50): VN061006.D (-2174) (-)

Ion 94.90 (94.60 to 95.60): VN061006.D (-2174) (-)

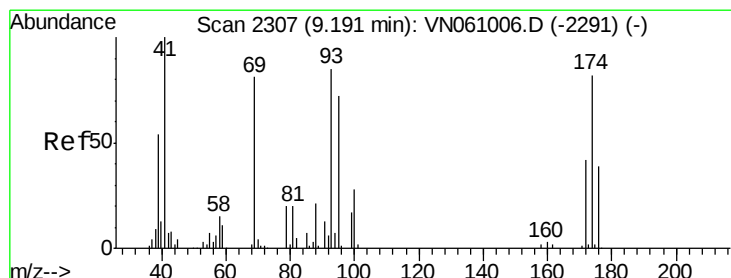
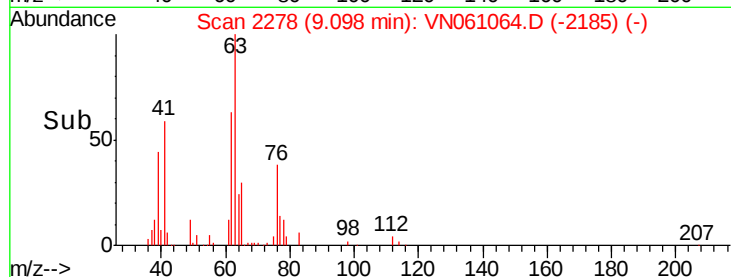
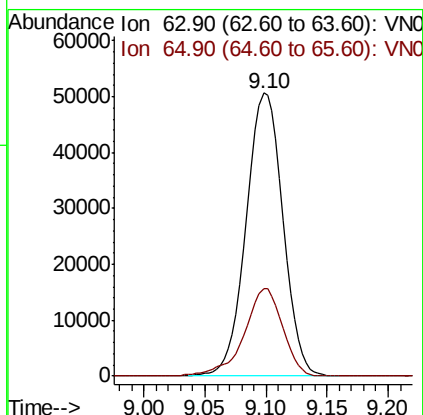
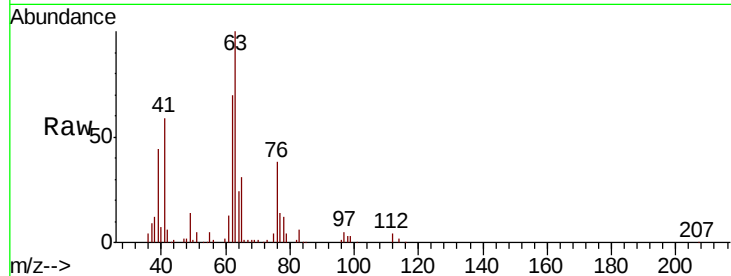




#45
 1,2-Dichloropropane
 Concen: 49.908 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. 0.00 min
 Lab File: VN061064.D
 Acq: 17 Apr 2020 20:18

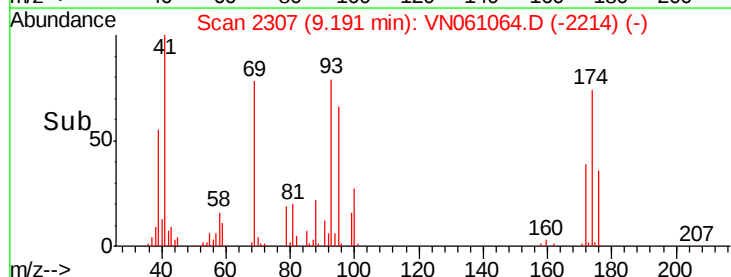
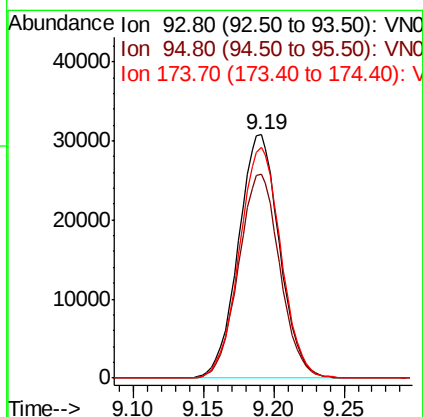
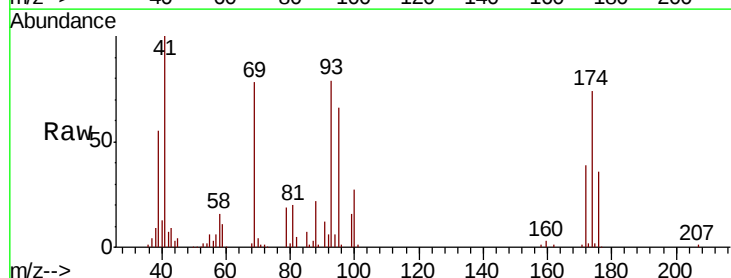
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-GW-403-405MSD

Tot Ion: 63 Resp: 105645
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.2 37.8



#46
 Dibromomethane
 Concen: 51.548 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN061064.D
 Acq: 17 Apr 2020 20:18

Tgt Ion: 93 Resp: 62913
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.8 100.2
 174 95.4 76.2 114.4

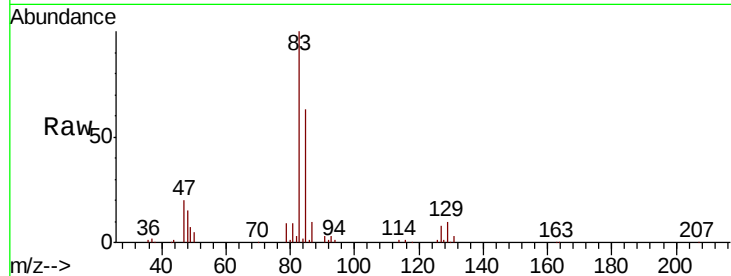




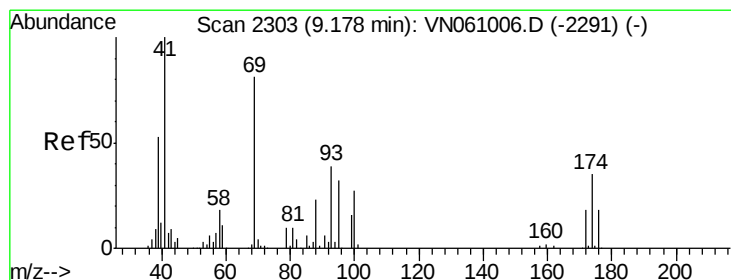
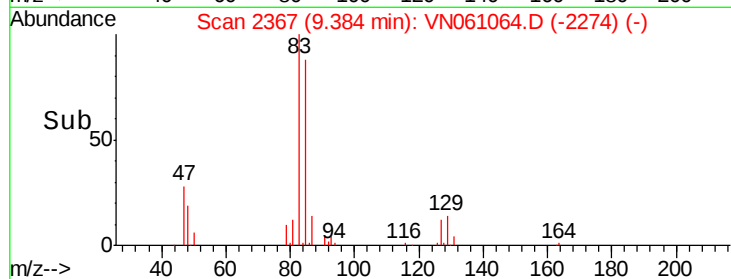
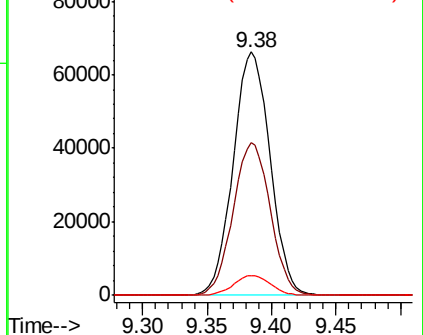
#47
 Bromodichloromethane
 Concen: 51.286 ug/l
 RT: 9.38 min Scan# 2367
 Delta R.T. 0.00 min
 Lab File: VN061064.D
 Acq: 17 Apr 2020 20:18

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-GW-403-405MSD

Tot Ion: 83 Resp: 132230
 Ion Ratio Lower Upper
 83 100
 85 62.6 50.6 76.0
 127 8.2 6.1 9.1

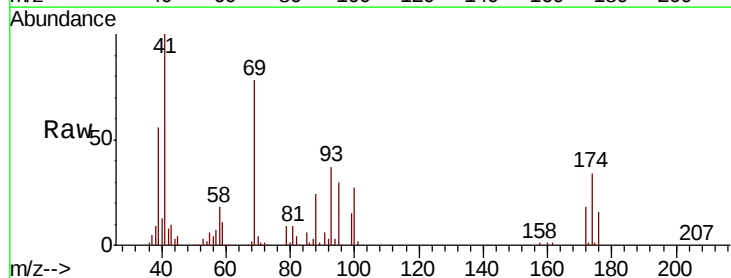


Abundance Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 126.80 (126.50 to 127.50): V

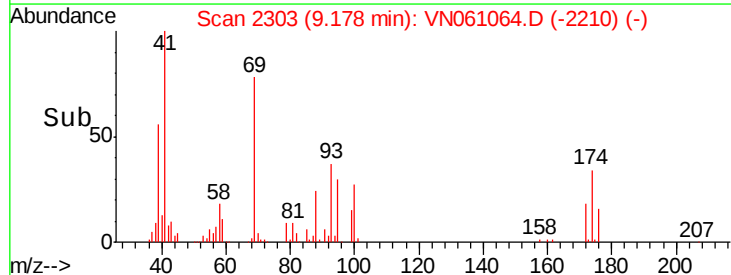
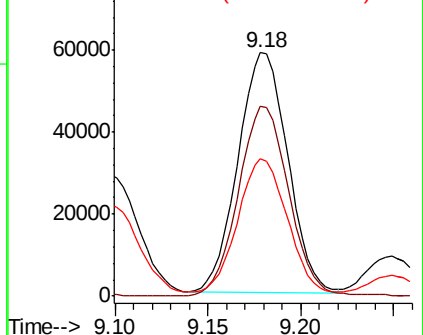


#48
 Methyl methacrylate
 Concen: 53.258 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. 0.00 min
 Lab File: VN061064.D
 Acq: 17 Apr 2020 20:18

Tgt Ion: 41 Resp: 109800
 Ion Ratio Lower Upper
 41 100
 69 80.0 65.3 97.9
 39 58.0 45.2 67.8



Abundance Ion 41.00 (40.70 to 41.70): VN0
 Ion 69.00 (68.70 to 69.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0

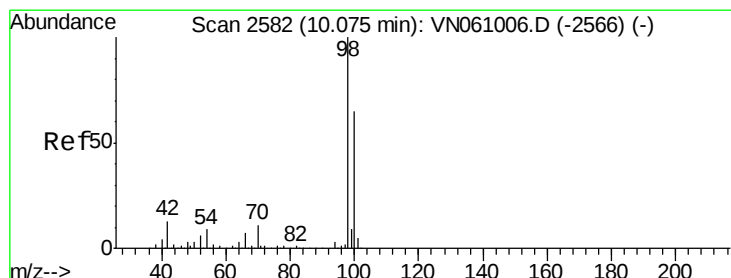
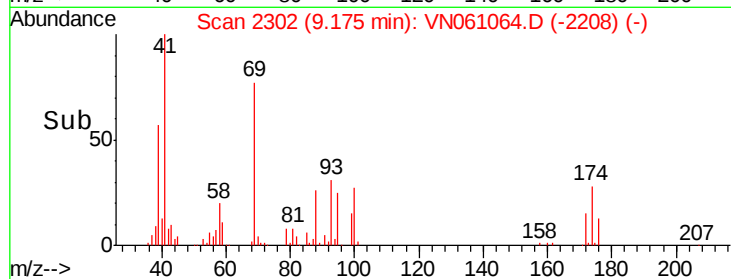
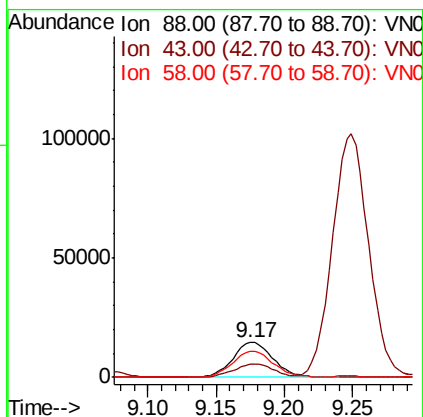
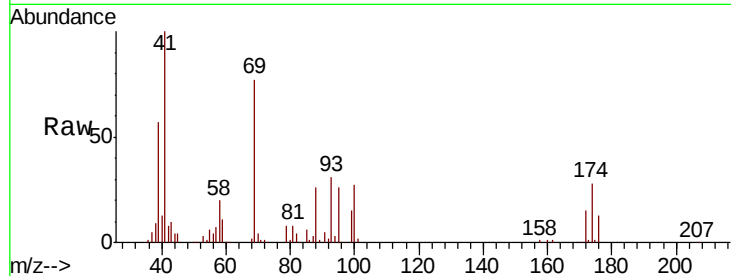




#49
 1,4-Dioxane
 Concen: 1048.115 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN061064.D
 Acq: 17 Apr 2020 20:18

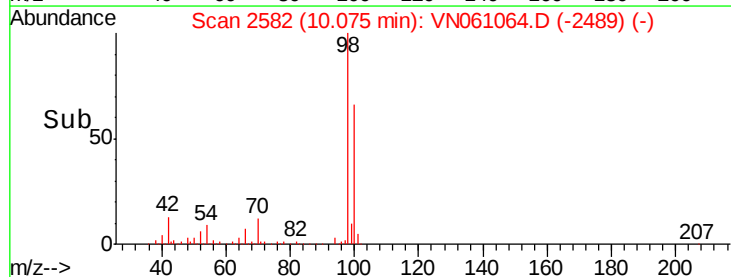
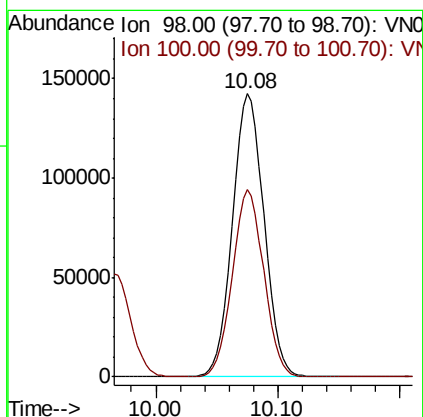
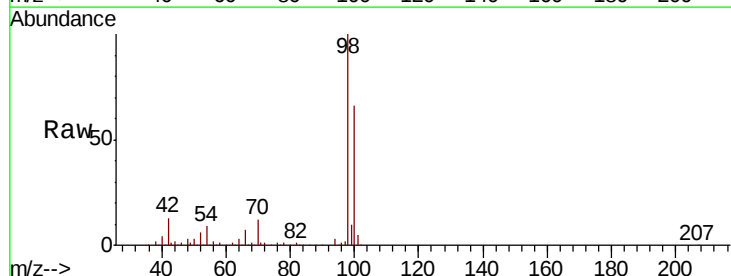
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-GW-403-405MSD

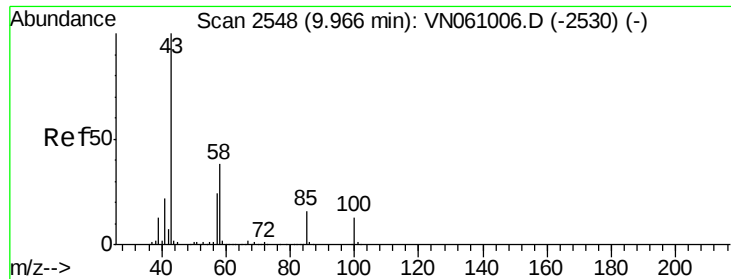
Tot Ion: 88 Resp: 30023
 Ion Ratio Lower Upper
 88 100
 43 38.4 30.9 46.3
 58 75.9 59.8 89.8



#50
 Toluene-d8
 Concen: 45.221 ug/l
 RT: 10.08 min Scan# 2582
 Delta R.T. 0.00 min
 Lab File: VN061064.D
 Acq: 17 Apr 2020 20:18

Tgt Ion: 98 Resp: 255469
 Ion Ratio Lower Upper
 98 100
 100 65.7 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 270.735 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. 0.00 min

Lab File: VN061064.D

Acq: 17 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

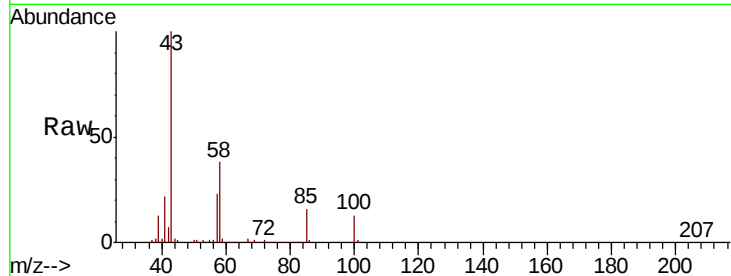
BP-VPB180-GW-403-405MSD

Tot Ion: 43 Resp: 728098

Ion Ratio Lower Upper

43 100

58 37.9 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-2530) (-)

Ion 58.00 (57.70 to 58.70): VN061006.D (-2530) (-)

9.97

400000

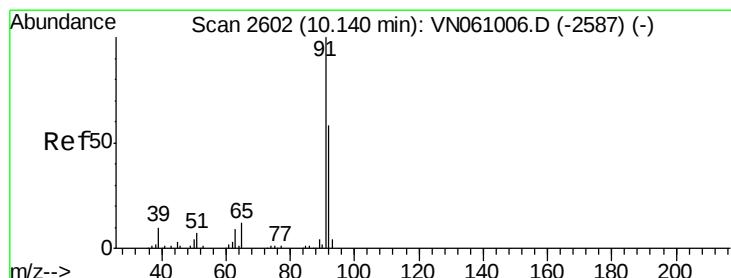
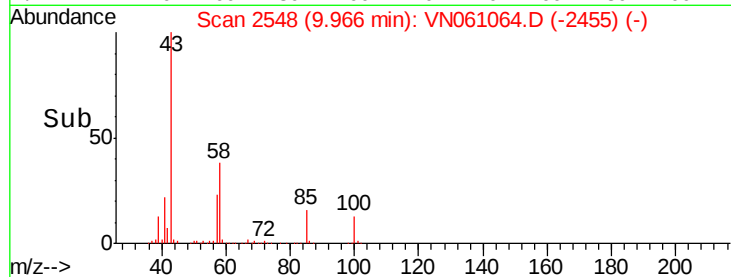
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 49.330 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. 0.00 min

Lab File: VN061064.D

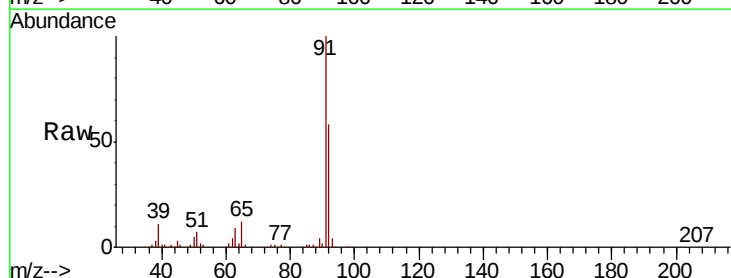
Acq: 17 Apr 2020 20:18

Tgt Ion: 92 Resp: 231928

Ion Ratio Lower Upper

92 100

91 174.1 137.7 206.5



Abundance Ion 92.00 (91.70 to 92.70): VN061006.D (-2587) (-)

Ion 91.00 (90.70 to 91.70): VN061006.D (-2587) (-)

10.14

250000

200000

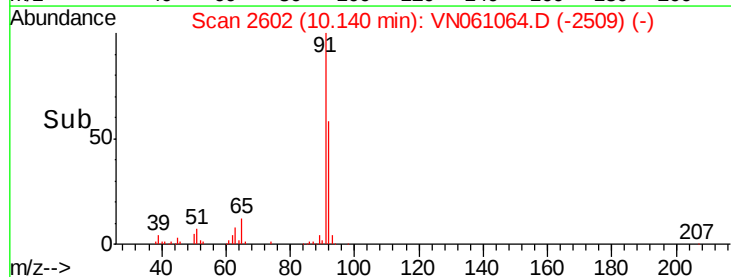
150000

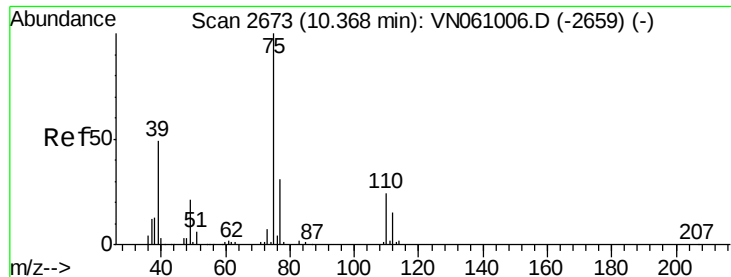
100000

50000

0

Time-->

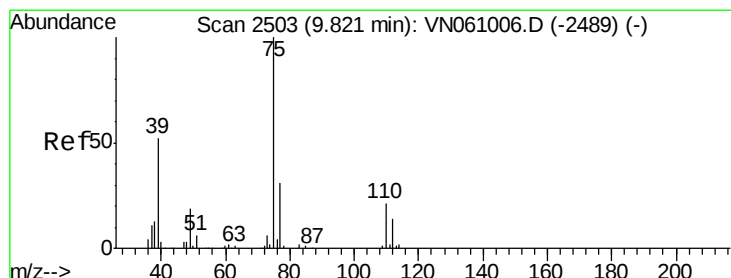
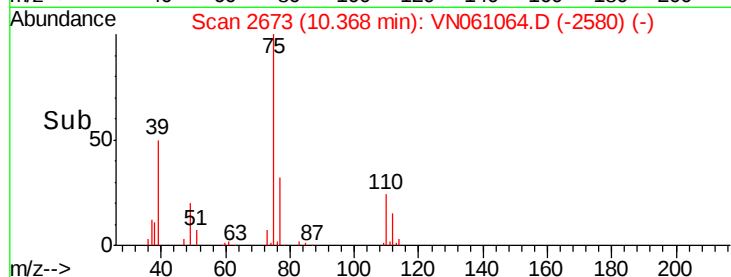
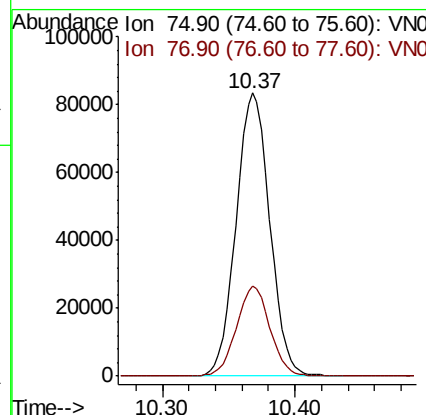
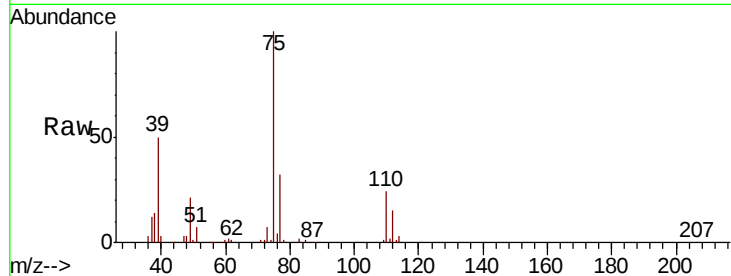




#53
t-1,3-Dichloropropene
Concen: 49.077 ug/l
RT: 10.37 min Scan# 2673
Delta R.T. 0.00 min
Lab File: VN061064.D
Acq: 17 Apr 2020 20:18

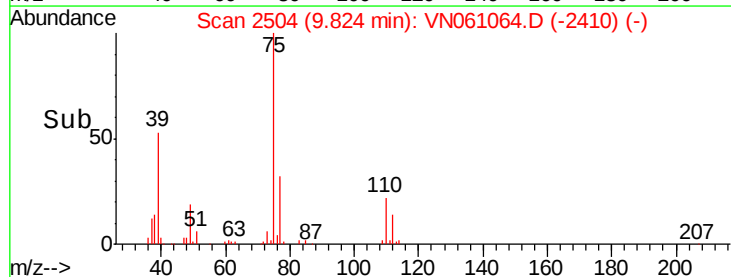
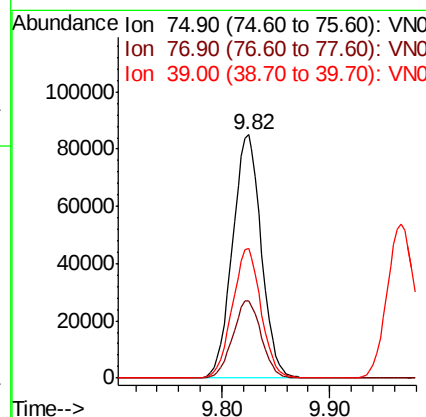
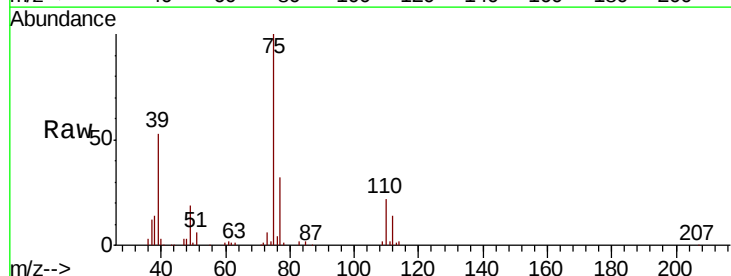
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB180-GW-403-405MSD

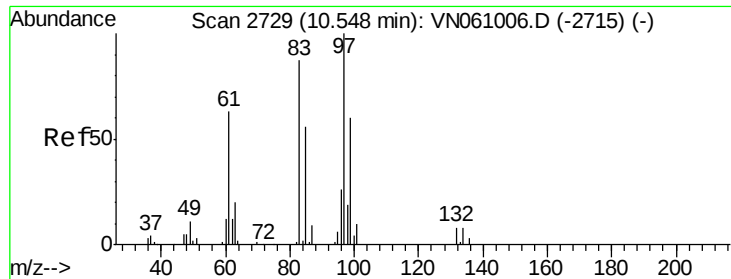
Tot Ion: 75 Resp: 146979
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 48.473 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. 0.00 min
Lab File: VN061064.D
Acq: 17 Apr 2020 20:18

Tgt Ion: 75 Resp: 158395
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.6
39 53.2 41.4 62.2

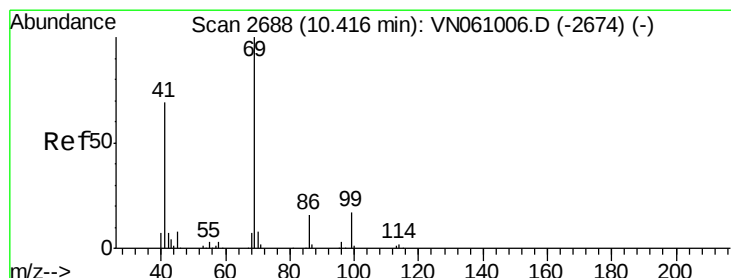
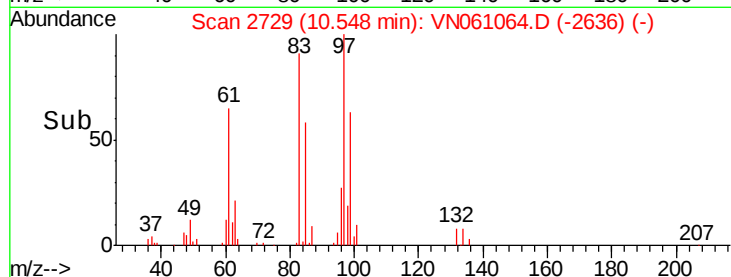
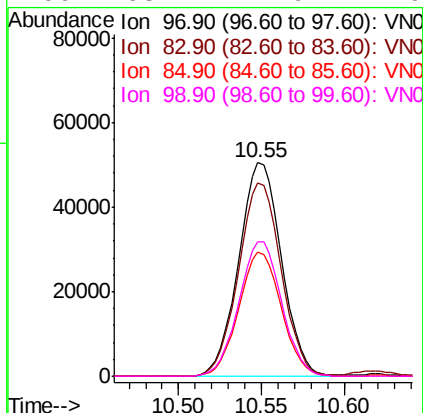
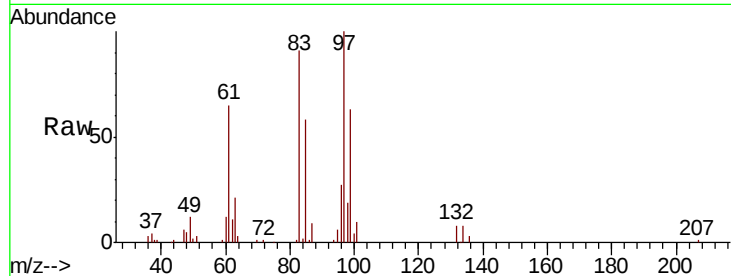




#55
 1,1,2-Trichloroethane
 Concen: 50.899 ug/l
 RT: 10.55 min Scan# 2729
 Delta R.T. 0.00 min
 Lab File: VN061064.D
 Acq: 17 Apr 2020 20:18

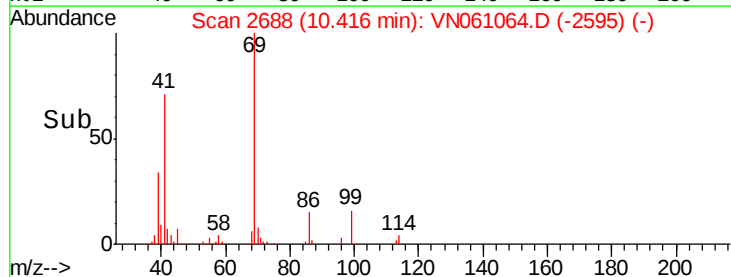
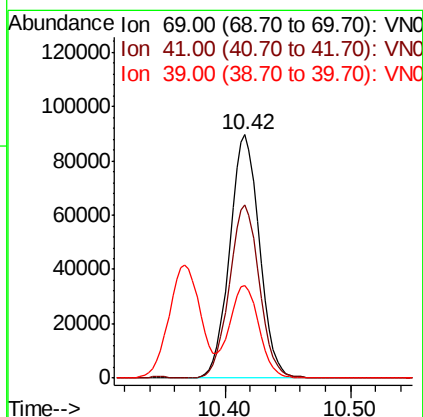
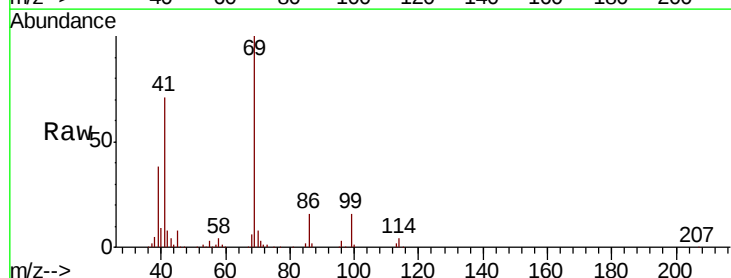
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-GW-403-405MSD

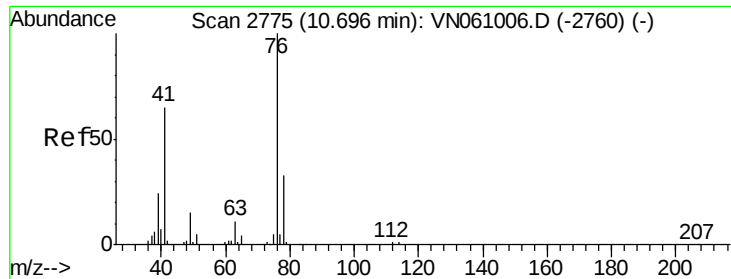
Tot Ion:	97	Resp:	90560
Ion	Ratio	Lower	Upper
97	100		
83	90.6	69.5	104.3
85	58.1	45.0	67.4
99	63.2	47.9	71.9



#56
 Ethyl methacrylate
 Concen: 52.905 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN061064.D
 Acq: 17 Apr 2020 20:18

Tgt Ion:	69	Resp:	148017
Ion	Ratio	Lower	Upper
69	100		
41	71.3	56.7	85.1
39	38.2	29.4	44.0

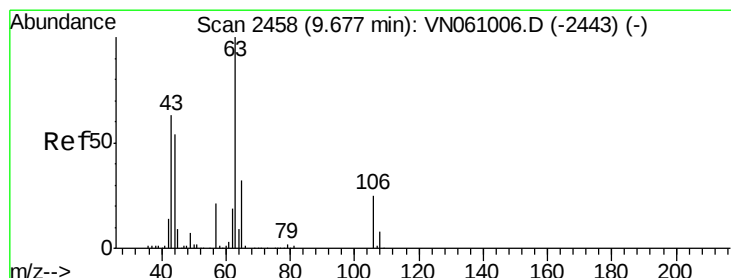
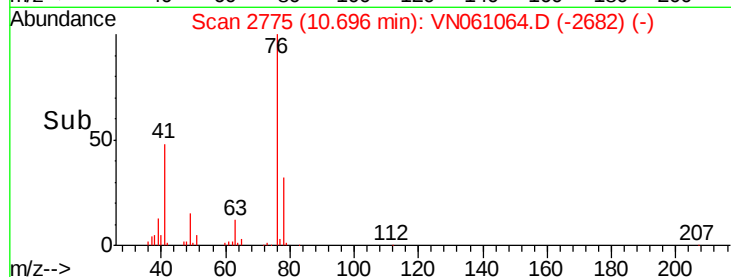
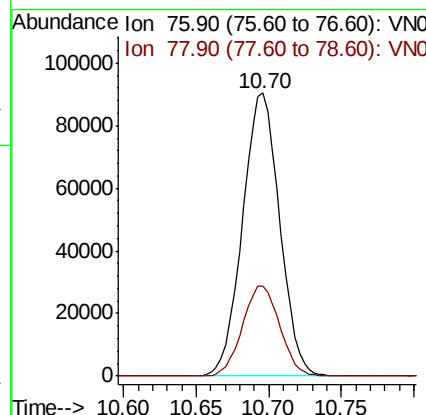
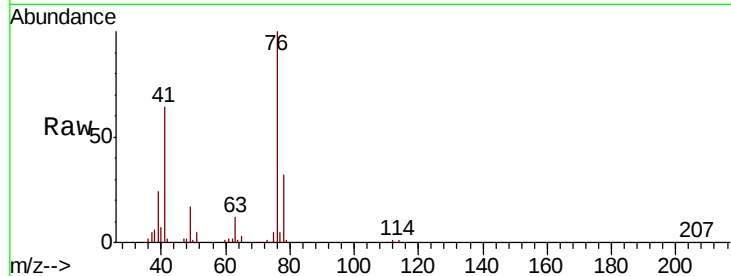




#57
 1,3-Dichloropropane
 Concen: 50.736 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. 0.00 min
 Lab File: VN061064.D
 Acq: 17 Apr 2020 20:18

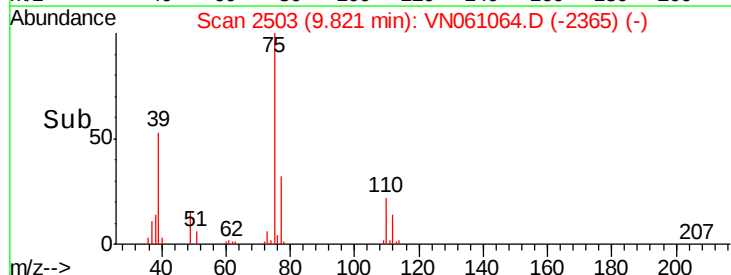
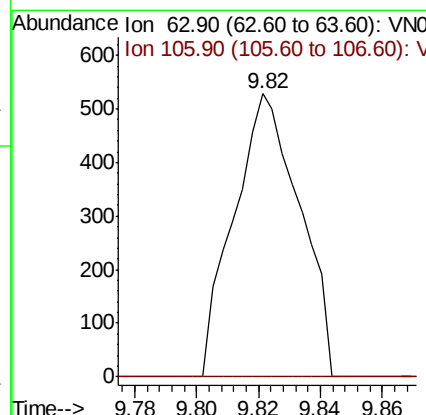
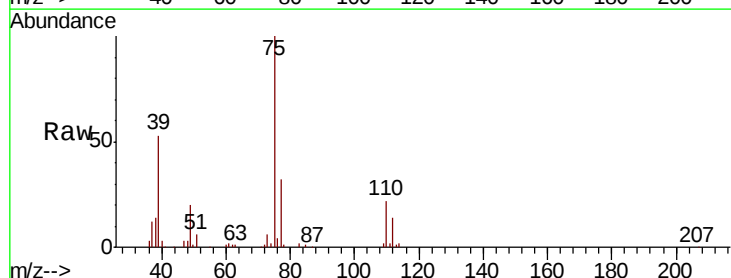
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-GW-403-405MSD

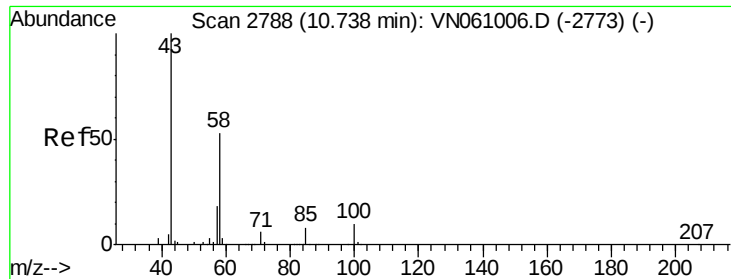
Tot Ion: 76 Resp: 161018
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.614 ug/l
 RT: 9.82 min Scan# 2503
 Delta R.T. 0.14 min
 Lab File: VN061064.D
 Acq: 17 Apr 2020 20:18

Tgt Ion: 63 Resp: 781
 Ion Ratio Lower Upper
 63 100
 106 0.0 19.5 29.3#

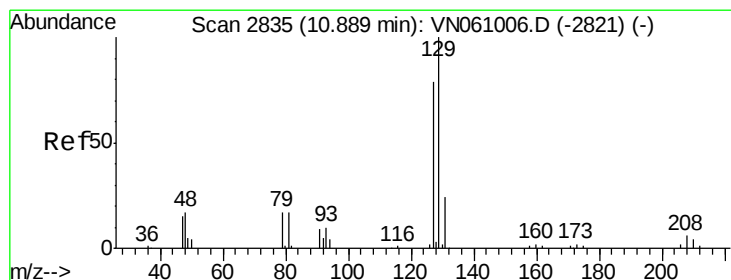
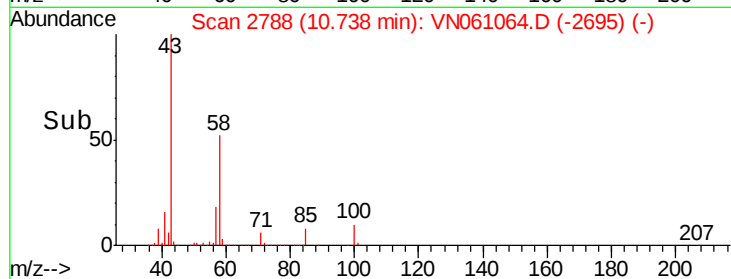
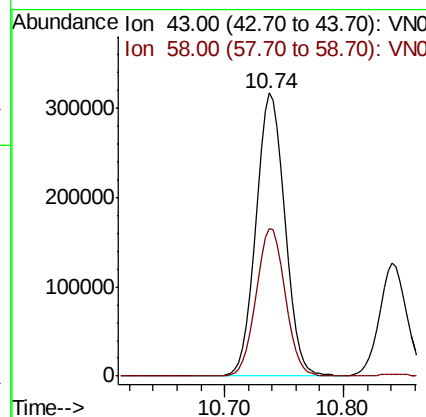
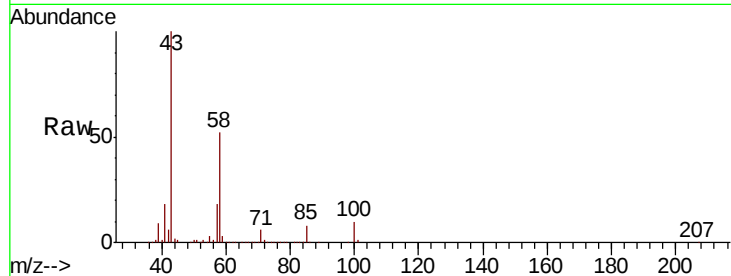




#59
2-Hexanone
Concen: 275.117 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. 0.00 min
Lab File: VN061064.D
Acq: 17 Apr 2020 20:18

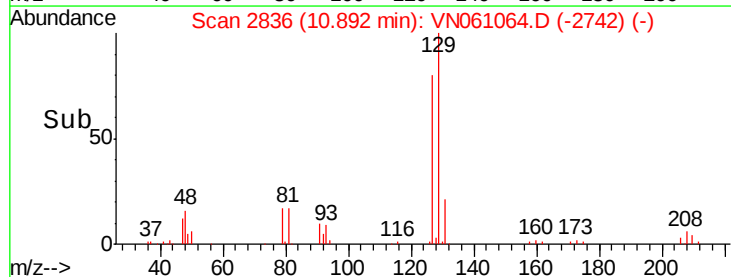
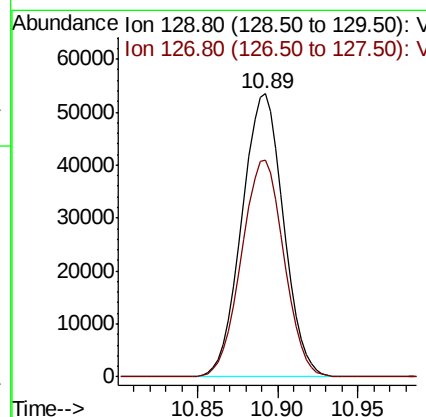
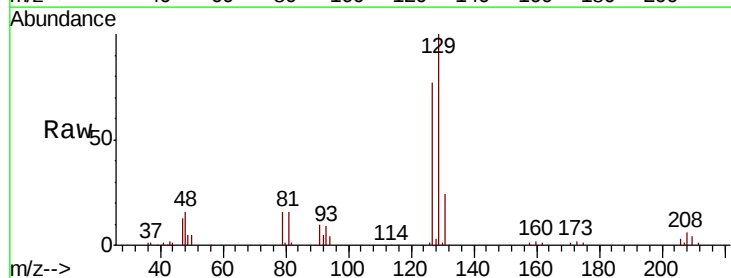
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB180-GW-403-405MSD

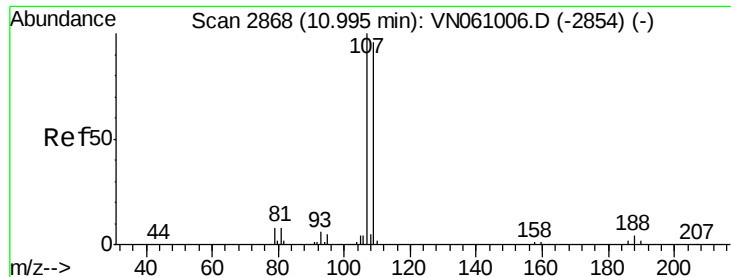
Tot Ion: 43 Resp: 533588
Ion Ratio Lower Upper
43 100
58 52.7 26.4 79.0



#60
Dibromochloromethane
Concen: 52.065 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN061064.D
Acq: 17 Apr 2020 20:18

Tgt Ion: 129 Resp: 95159
Ion Ratio Lower Upper
129 100
127 78.0 39.0 116.9

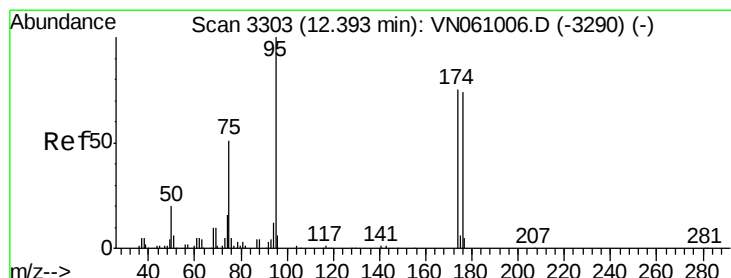
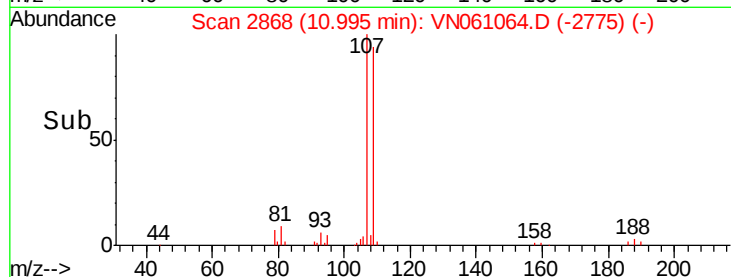
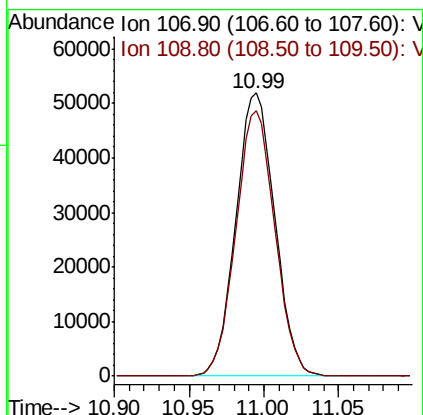
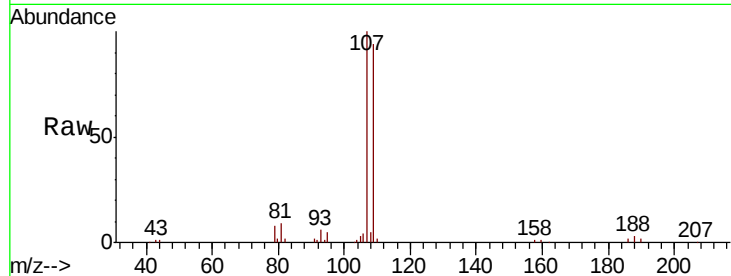




#61
 1,2-Dibromoethane
 Concen: 52.012 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. 0.00 min
 Lab File: VN061064.D
 Acq: 17 Apr 2020 20:18

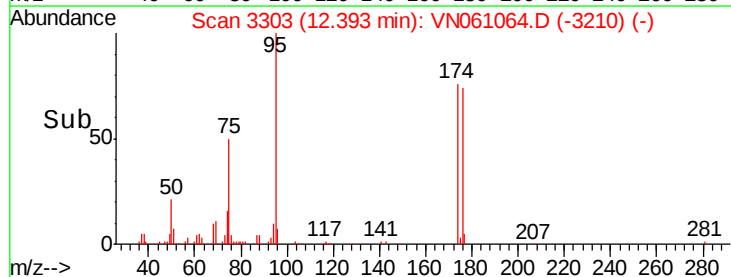
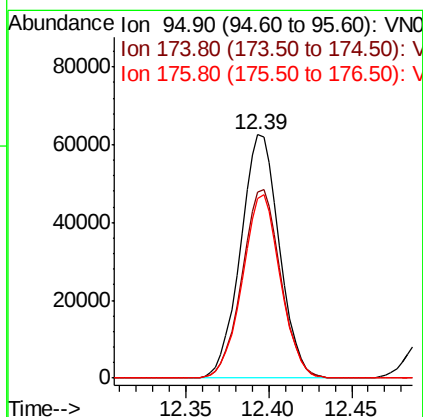
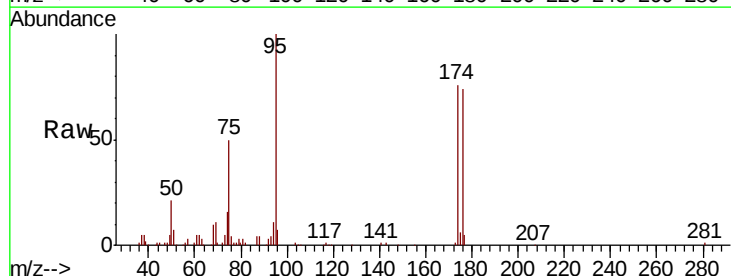
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-GW-403-405MSD

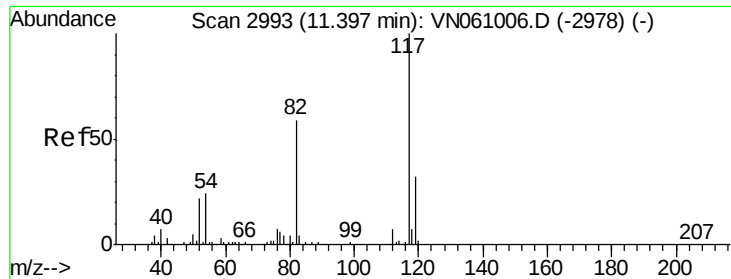
Tot Ion: 107 Resp: 94297
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 45.872 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. 0.00 min
 Lab File: VN061064.D
 Acq: 17 Apr 2020 20:18

Tgt Ion: 95 Resp: 101568
 Ion Ratio Lower Upper
 95 100
 174 77.1 0.0 151.2
 176 73.9 0.0 148.2

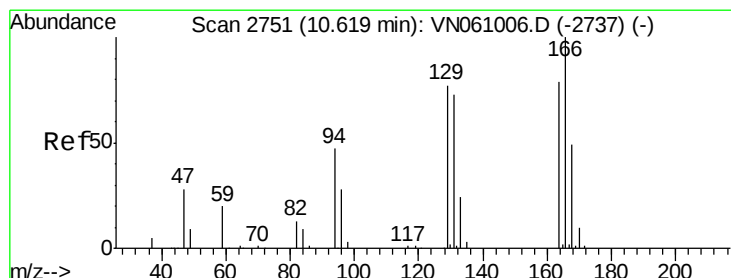
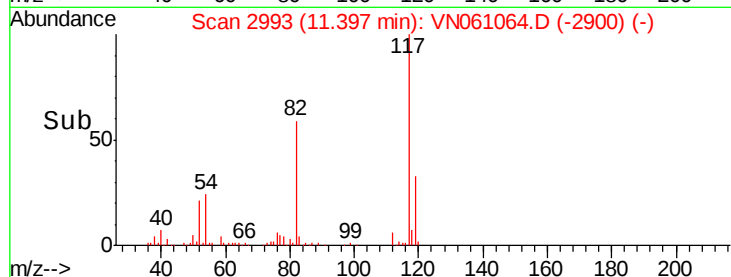
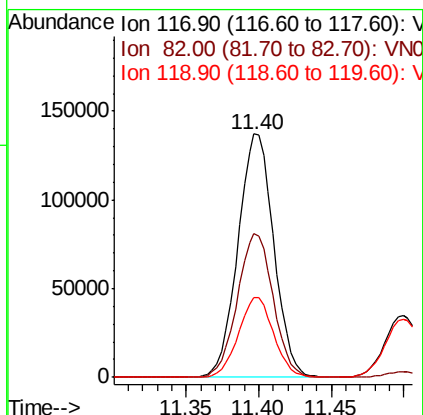
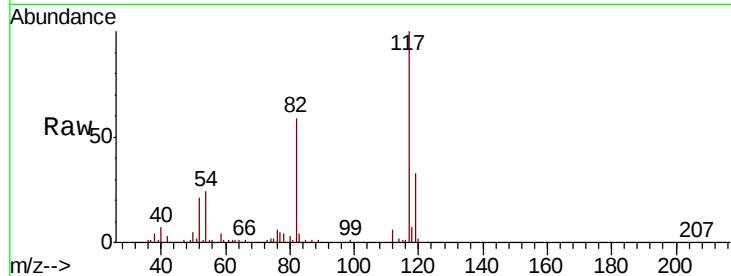




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. 0.00 min
Lab File: VN061064.D
Acq: 17 Apr 2020 20:18

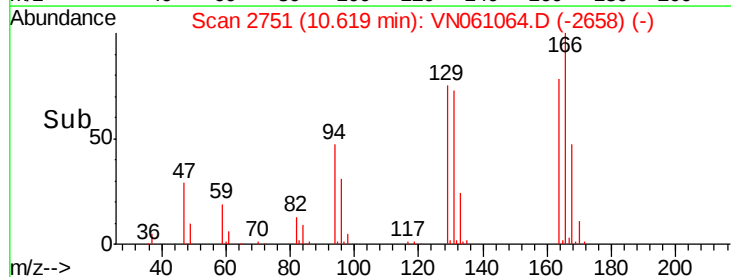
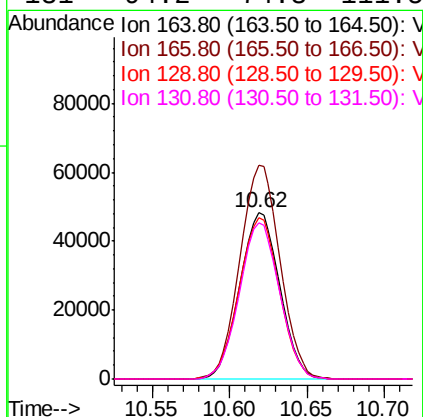
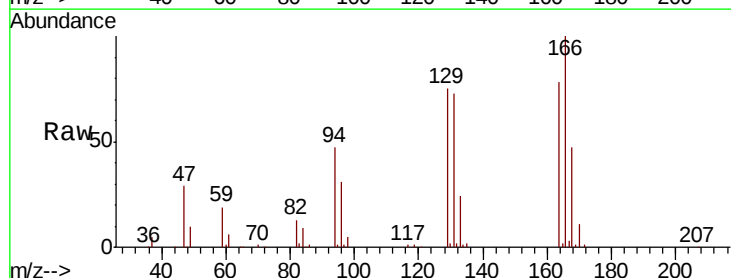
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB180-GW-403-405MSD

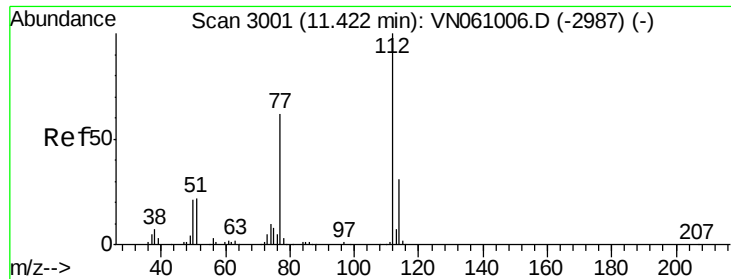
Tot Ion:117 Resp: 235337
Ion Ratio Lower Upper
117 100
82 58.8 47.1 70.7
119 32.9 25.7 38.5



#64
Tetrachloroethene
Concen: 48.257 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. 0.00 min
Lab File: VN061064.D
Acq: 17 Apr 2020 20:18

Tgt Ion:164 Resp: 86902
Ion Ratio Lower Upper
164 100
166 128.4 101.6 152.4
129 96.7 78.5 117.7
131 94.2 74.3 111.5

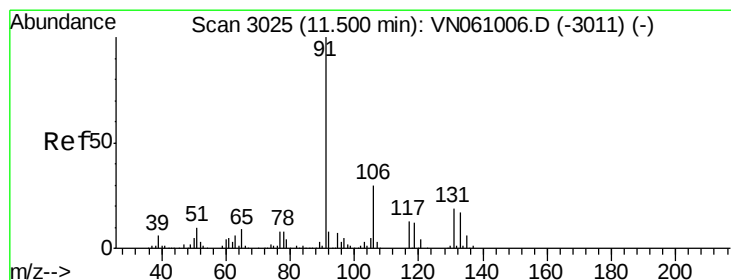
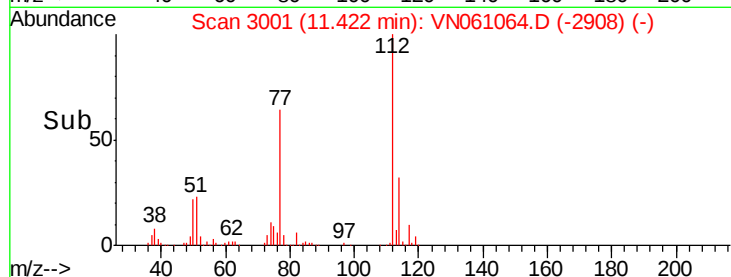
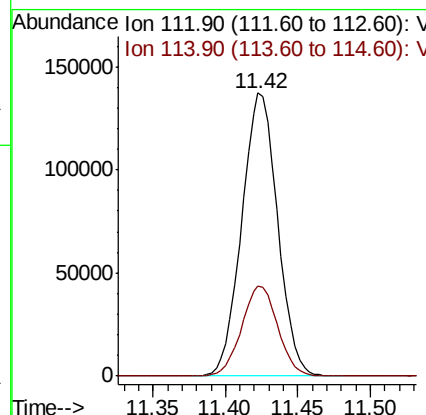
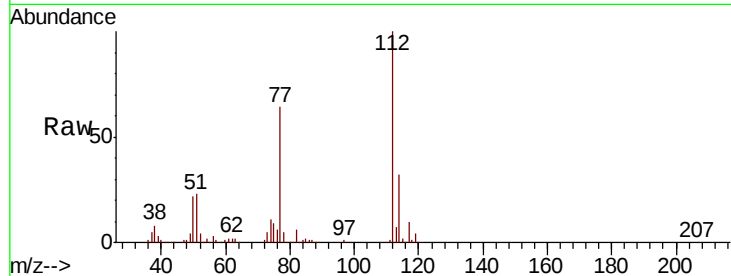




#65
Chlorobenzene
Concen: 48.487 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. 0.00 min
Lab File: VN061064.D
Acq: 17 Apr 2020 20:18

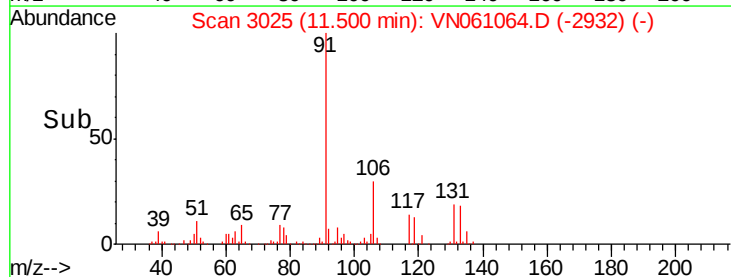
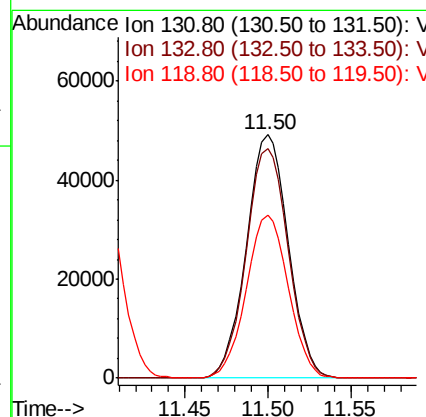
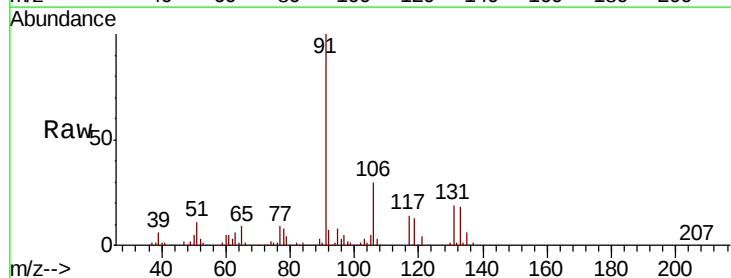
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB180-GW-403-405MSD

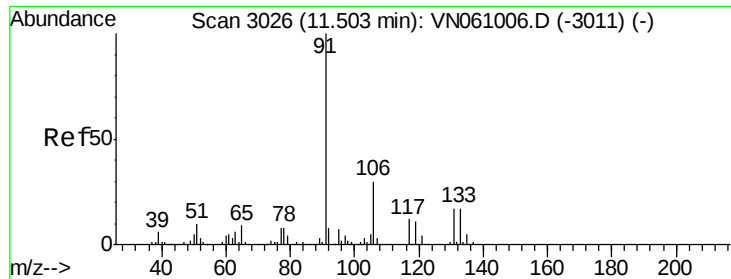
Tot Ion:112 Resp: 235563
Ion Ratio Lower Upper
112 100
114 32.0 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 49.838 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. 0.00 min
Lab File: VN061064.D
Acq: 17 Apr 2020 20:18

Tgt Ion:131 Resp: 86625
Ion Ratio Lower Upper
131 100
133 95.0 47.9 143.8
119 67.1 33.3 99.8

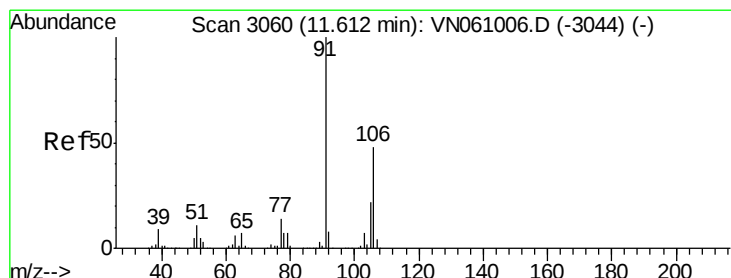
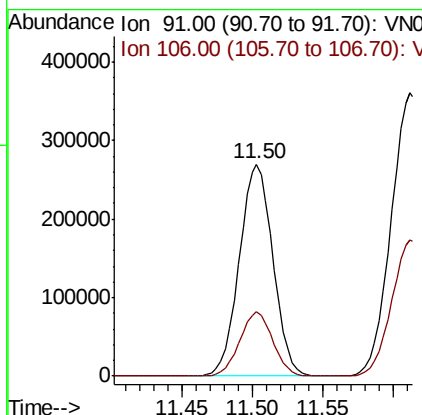
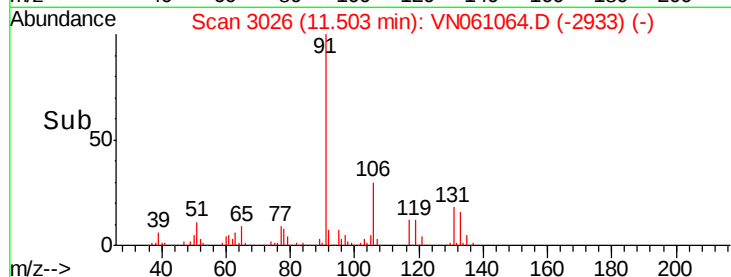
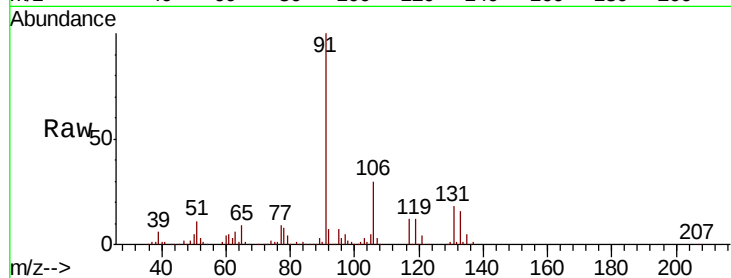




#67
Ethyl Benzene
Concen: 49.258 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN061064.D
Acq: 17 Apr 2020 20:18

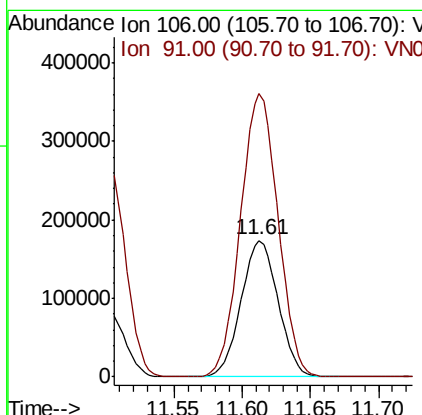
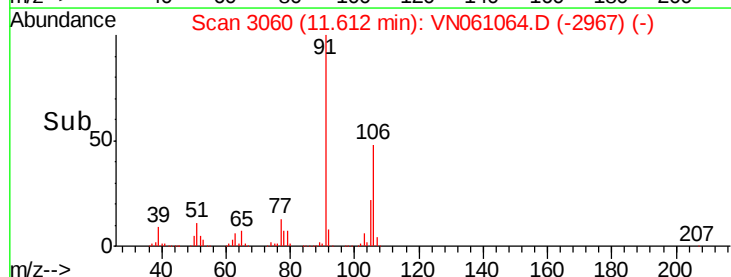
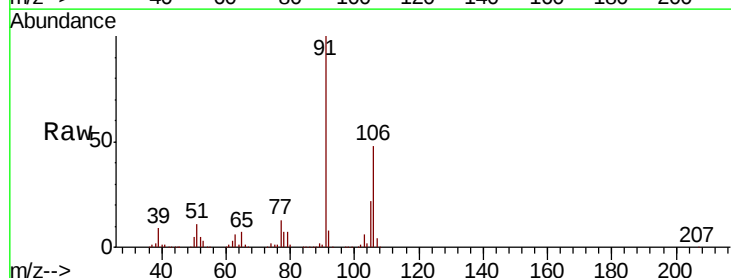
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB180-GW-403-405MSD

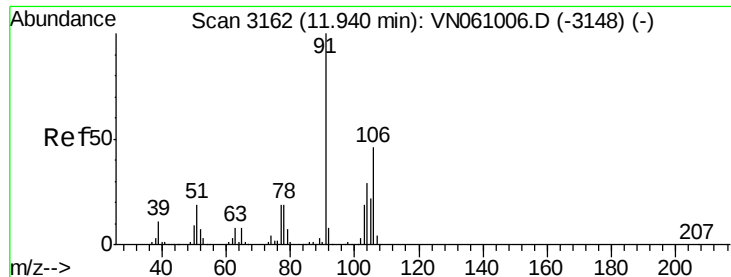
Tot Ion: 91 Resp: 450147
Ion Ratio Lower Upper
91 100
106 30.1 23.8 35.8



#68
m/p-Xylenes
Concen: 98.884 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. 0.00 min
Lab File: VN061064.D
Acq: 17 Apr 2020 20:18

Tgt Ion: 106 Resp: 326578
Ion Ratio Lower Upper
106 100
91 210.4 167.9 251.9

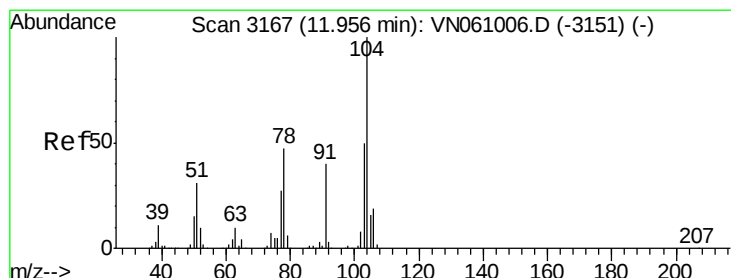
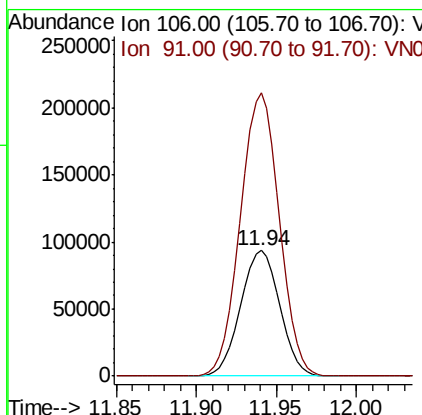
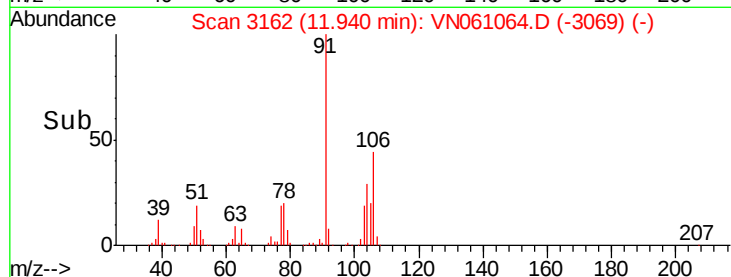
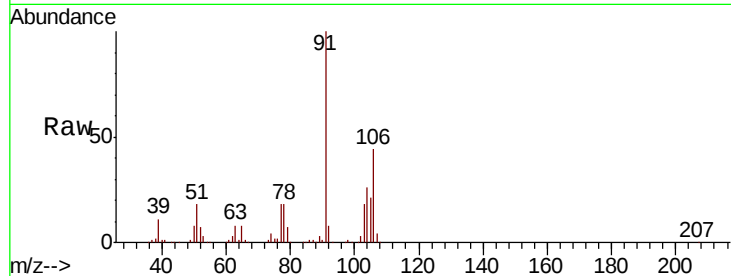




#69
o-Xylene
Concen: 49.150 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN061064.D
Acq: 17 Apr 2020 20:18

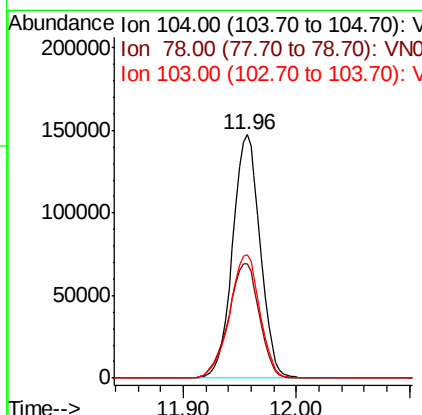
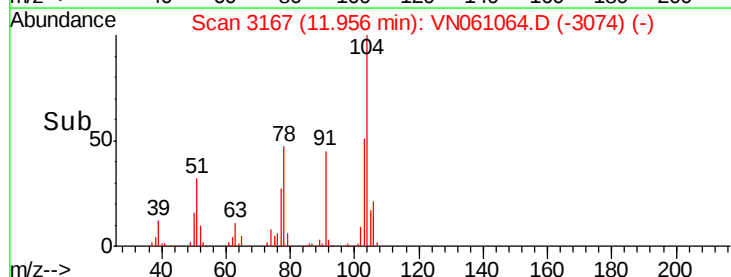
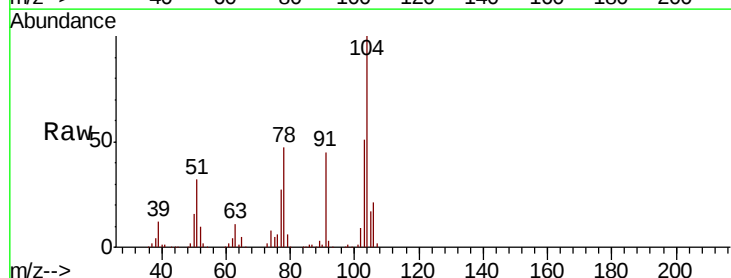
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB180-GW-403-405MSD

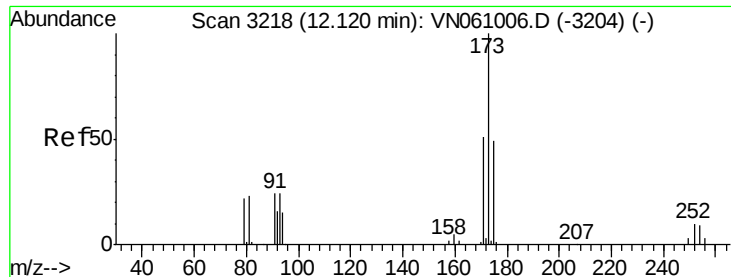
Tot Ion:106 Resp: 156071
Ion Ratio Lower Upper
106 100
91 224.4 110.7 332.1



#70
Styrene
Concen: 48.874 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN061064.D
Acq: 17 Apr 2020 20:18

Tgt Ion:104 Resp: 249851
Ion Ratio Lower Upper
104 100
78 52.7 42.2 63.4
103 55.7 44.4 66.6

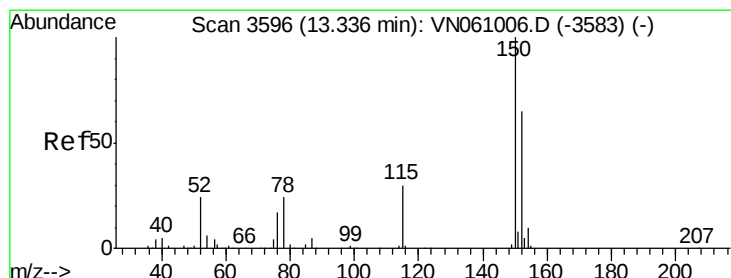
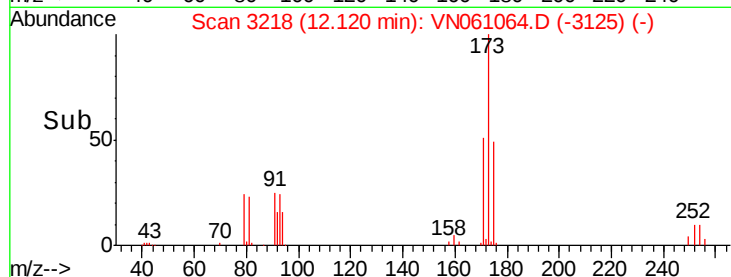
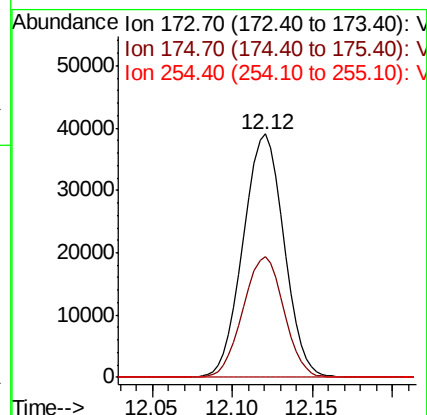
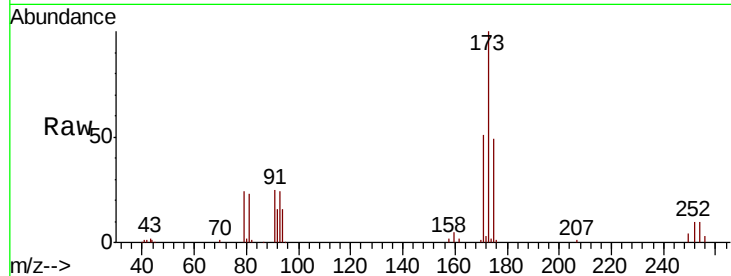




#71
Bromoform
Concen: 52.480 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061064.D
Acq: 17 Apr 2020 20:18

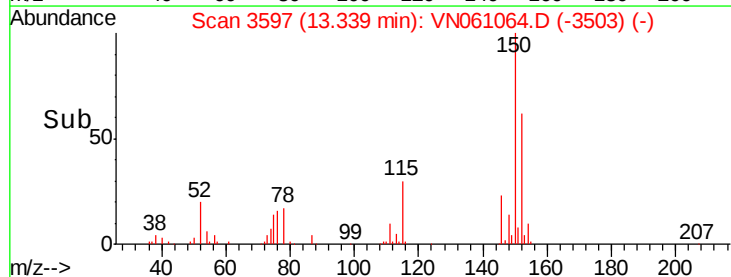
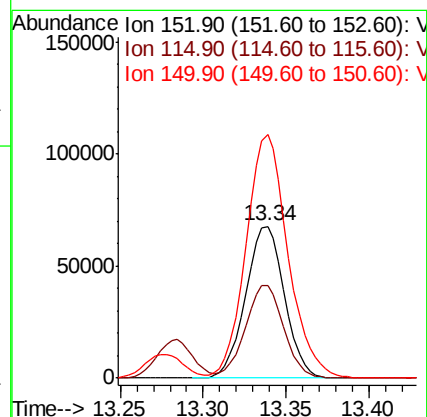
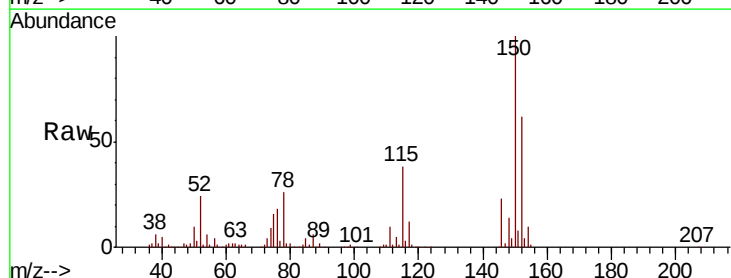
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB180-GW-403-405MSD

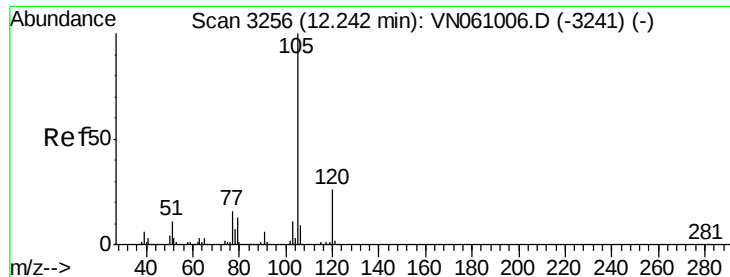
Tot Ion:173 Resp: 68087
Ion Ratio Lower Upper
173 100
175 49.4 24.5 73.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN061064.D
Acq: 17 Apr 2020 20:18

Tgt Ion:152 Resp: 109849
Ion Ratio Lower Upper
152 100
115 60.5 30.8 92.4
150 173.4 0.0 349.0





#73

Isopropylbenzene

Concen: 47.960 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN061064.D

Acq: 17 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

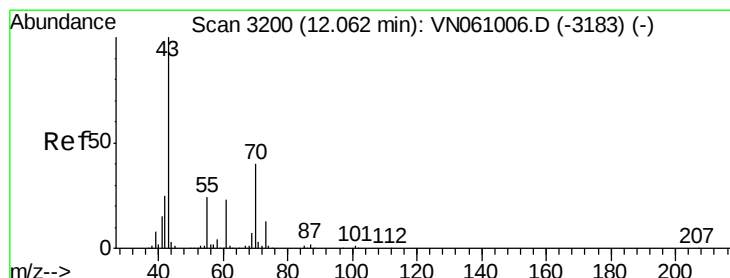
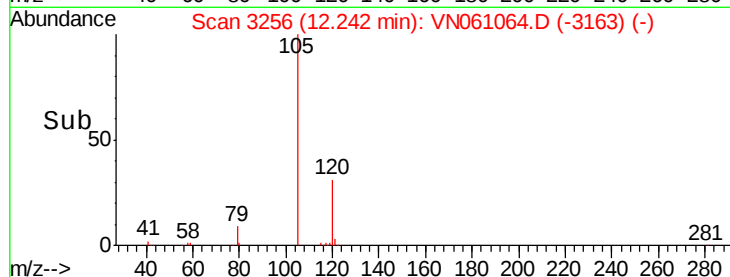
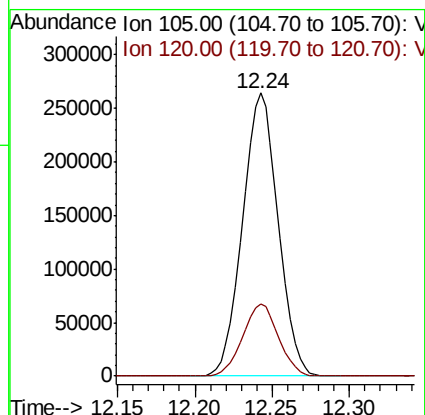
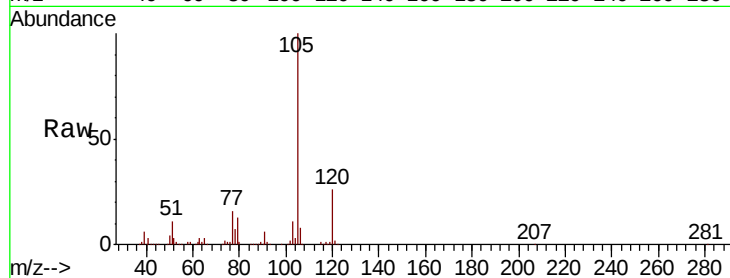
BP-VPB180-GW-403-405MSD

Tot Ion:105 Resp: 422072

Ion Ratio Lower Upper

105 100

120 25.7 13.0 38.9



#74

N-ethyl acetate

Concen: 47.498 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN061064.D

Acq: 17 Apr 2020 20:18

Tgt Ion: 43 Resp: 194385

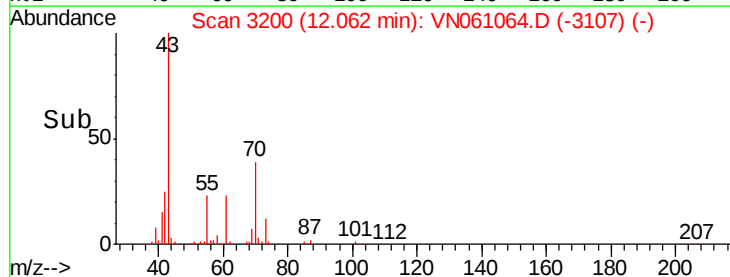
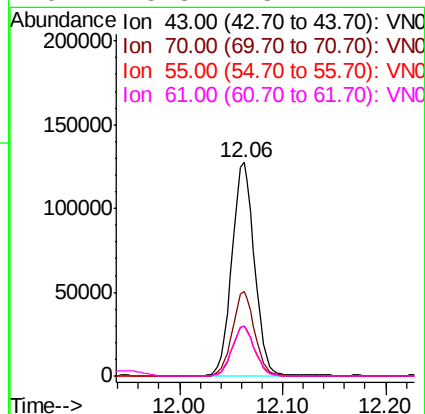
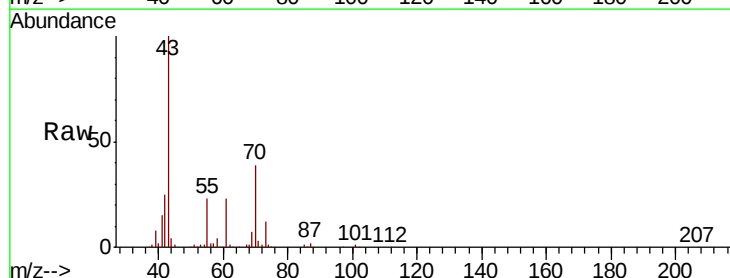
Ion Ratio Lower Upper

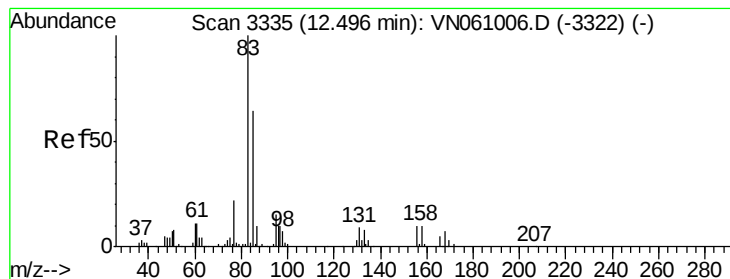
43 100

70 38.9 31.0 46.6

55 23.2 18.6 27.8

61 23.3 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 50.522 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. 0.00 min

Lab File: VN061064.D

Acq: 17 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB180-GW-403-405MSD

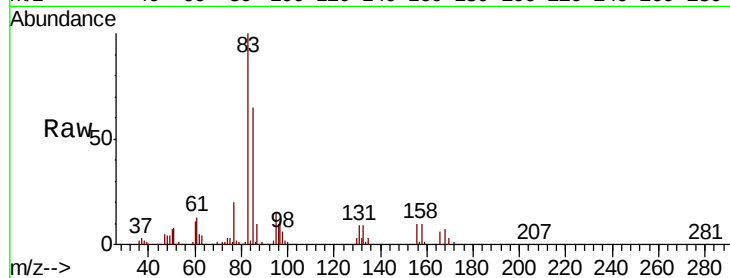
Tot Ion: 83 Resp: 135723

Ion Ratio Lower Upper

83 100

131 9.2 4.8 14.3

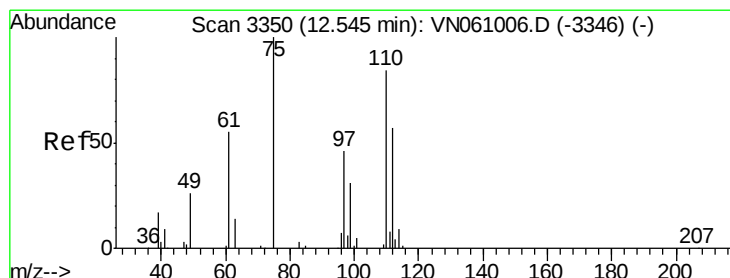
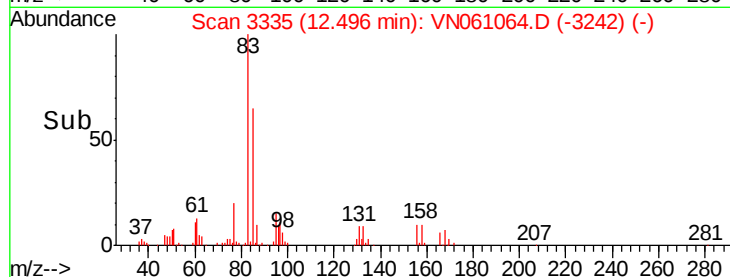
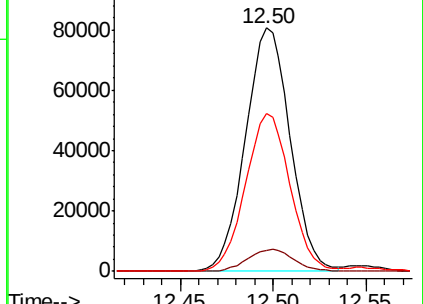
85 64.4 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN061006.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN061006.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN061006.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 76.037 ug/l

RT: 12.54 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VN061064.D

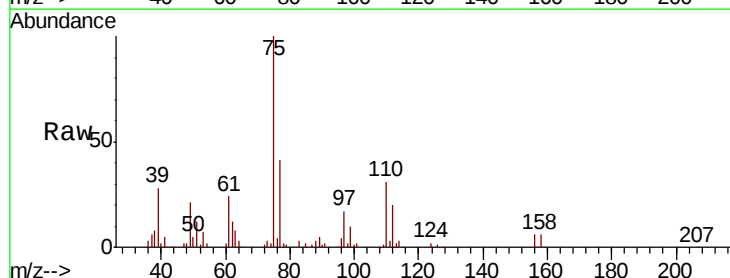
Acq: 17 Apr 2020 20:18

Tgt Ion: 75 Resp: 183724

Ion Ratio Lower Upper

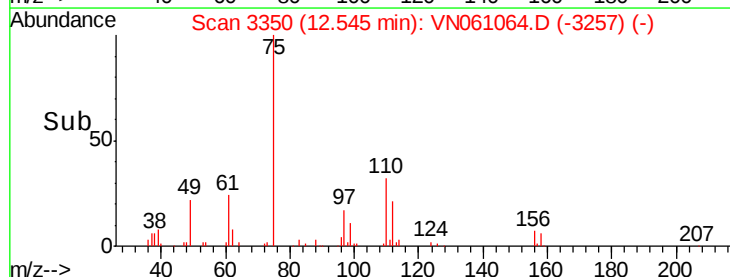
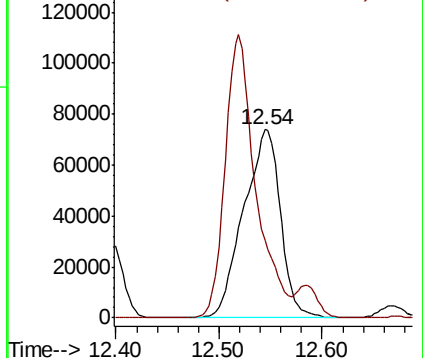
75 100

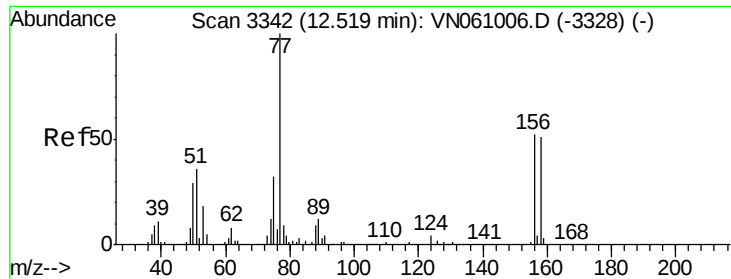
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061006.D (-3346) (-)

Ion 77.00 (76.70 to 77.70): VN061006.D (-3346) (-)





#77

Bromobenzene

Concen: 48.660 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. 0.00 min

Lab File: VN061064.D

Acq: 17 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB180-GW-403-405MSD

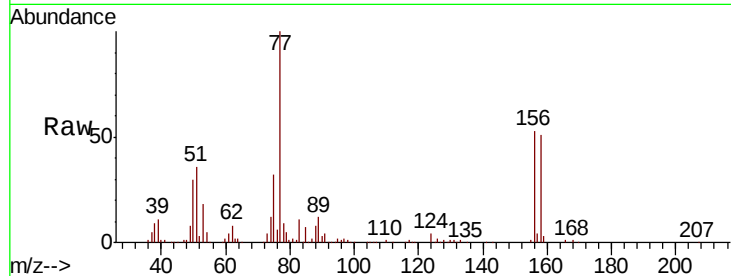
Tot Ion:156 Resp: 99984

Ion Ratio Lower Upper

156 100

77 229.7 115.6 346.8

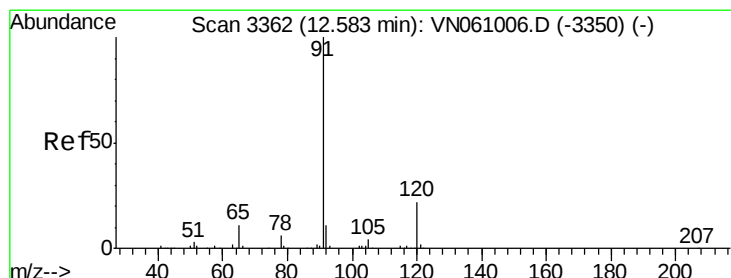
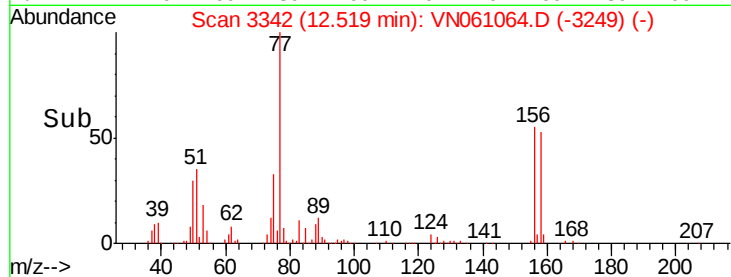
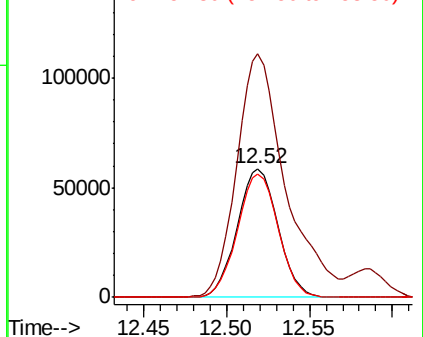
158 96.7 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.777 ug/l

RT: 12.58 min Scan# 3362

Delta R.T. 0.00 min

Lab File: VN061064.D

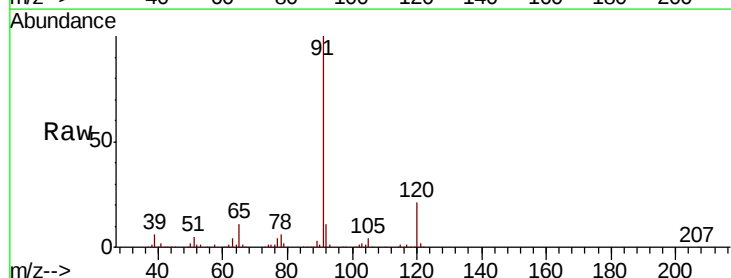
Acq: 17 Apr 2020 20:18

Tgt Ion: 91 Resp: 502224

Ion Ratio Lower Upper

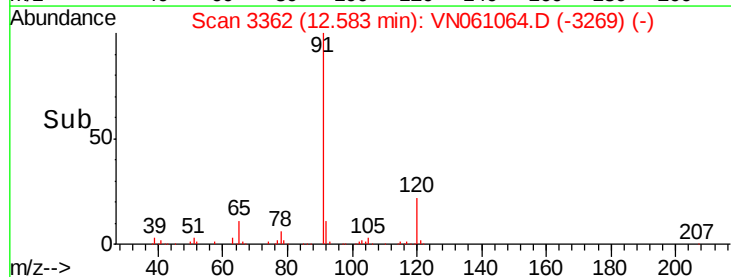
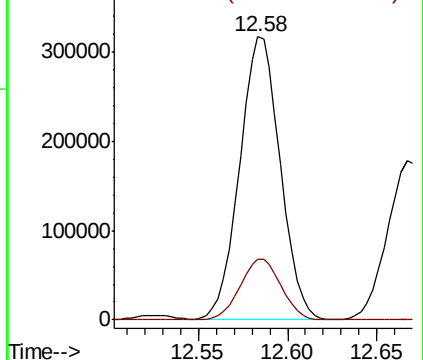
91 100

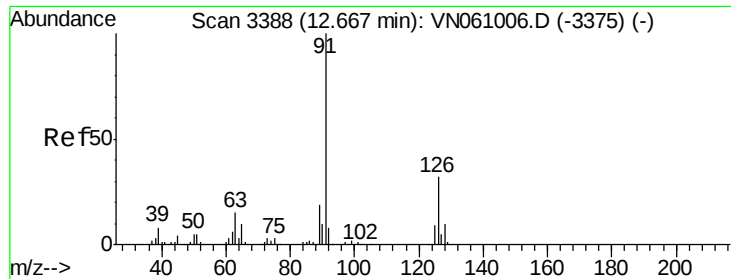
120 21.7 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

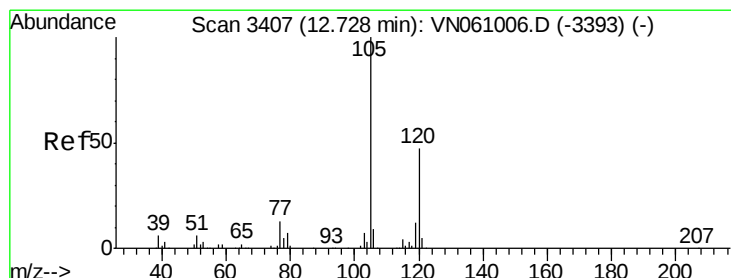
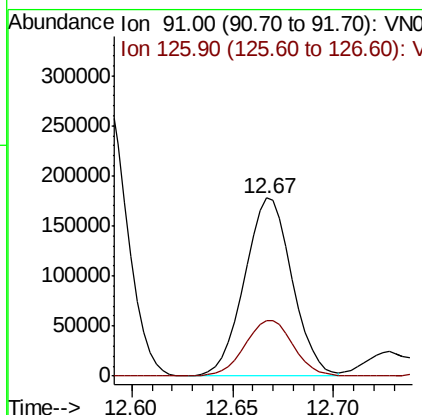
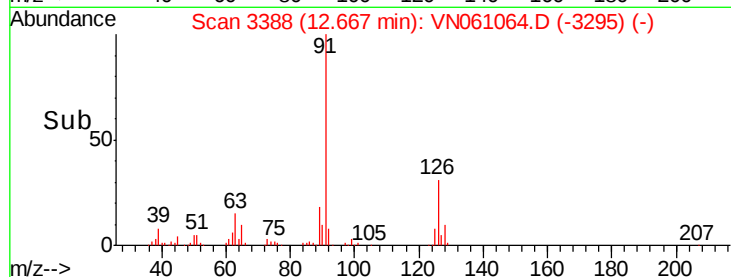
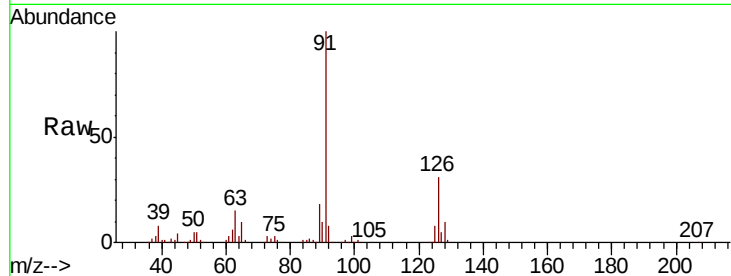




#79
 2-Chlorotoluene
 Concen: 48.519 ug/l
 RT: 12.67 min Scan# 3388
 Delta R.T. 0.00 min
 Lab File: VN061064.D
 Acq: 17 Apr 2020 20:18

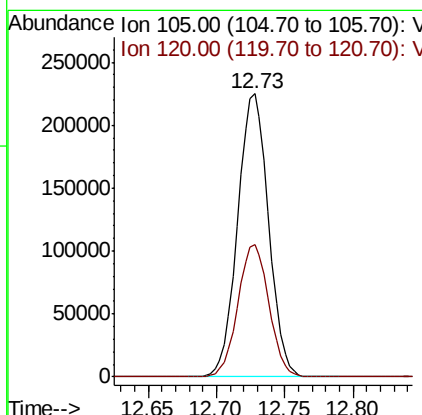
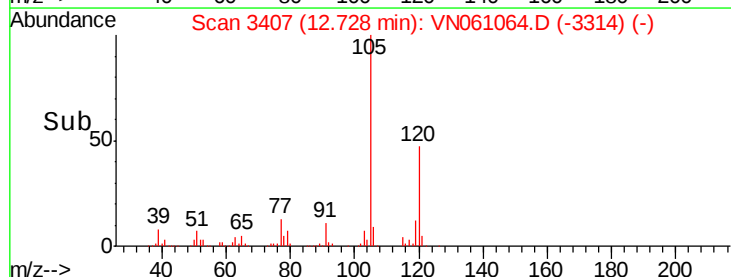
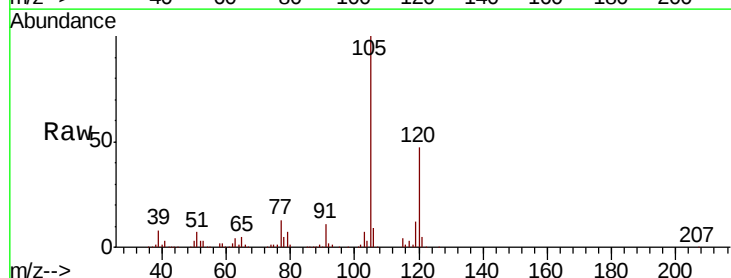
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-GW-403-405MSD

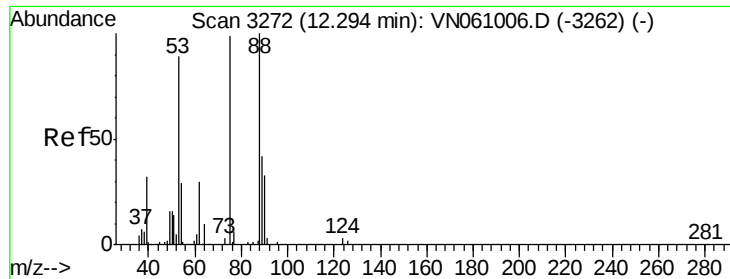
Tot Ion: 91 Resp: 292997
 Ion Ratio Lower Upper
 91 100
 126 31.9 16.1 48.2



#80
 1,3,5-Trimethylbenzene
 Concen: 48.600 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN061064.D
 Acq: 17 Apr 2020 20:18

Tgt Ion: 105 Resp: 353526
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.6 70.8





#81

trans-1,4-Dichloro-2-butene

Concen: 48.184 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN061064.D

Acq: 17 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB180-GW-403-405MSD

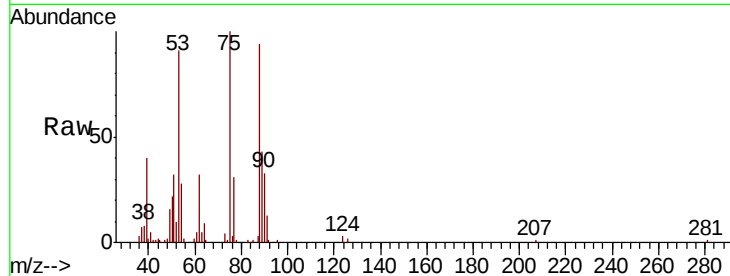
Tot Ion: 75 Resp: 47200

Ion Ratio Lower Upper

75 100

53 92.7 74.7 112.1

89 42.3 34.6 52.0

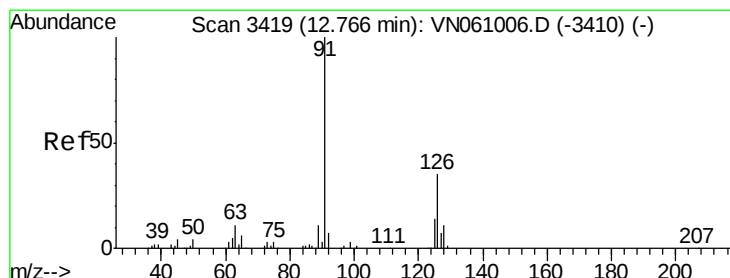
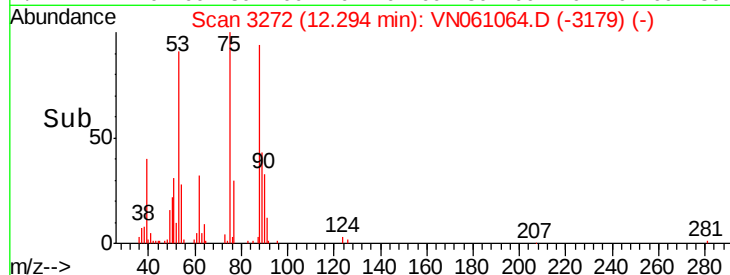


Abundance Ion 74.90 (74.60 to 75.60): VN061006.D (-3262) (-)

Ion 53.00 (52.70 to 53.70): VN061006.D (-3262) (-)

Ion 88.90 (88.60 to 89.60): VN061006.D (-3262) (-)

Time-->



#82

4-Chlorotoluene

Concen: 48.445 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. 0.00 min

Lab File: VN061064.D

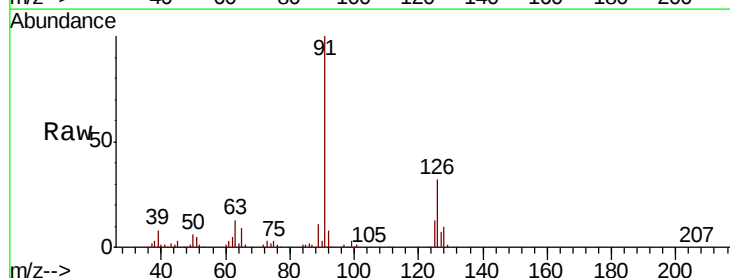
Acq: 17 Apr 2020 20:18

Tgt Ion: 91 Resp: 303414

Ion Ratio Lower Upper

91 100

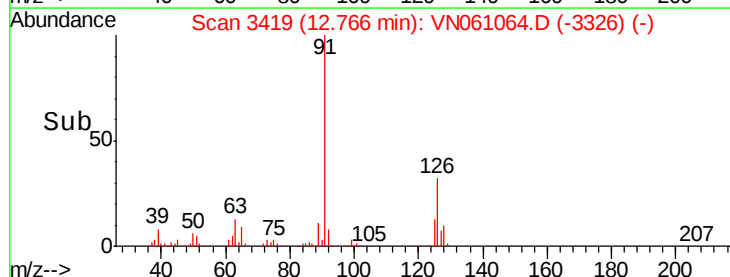
126 31.2 15.9 47.6

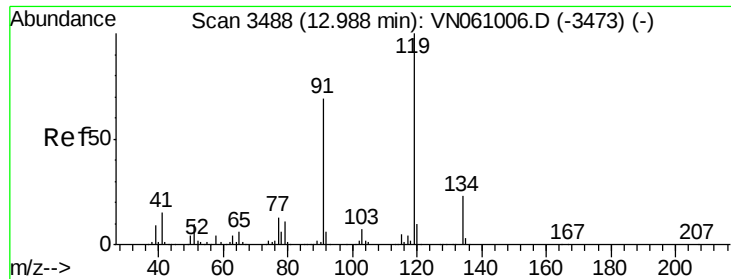


Abundance Ion 91.00 (90.70 to 91.70): VN061006.D (-3410) (-)

Ion 125.90 (125.60 to 126.60): VN061006.D (-3410) (-)

Time-->

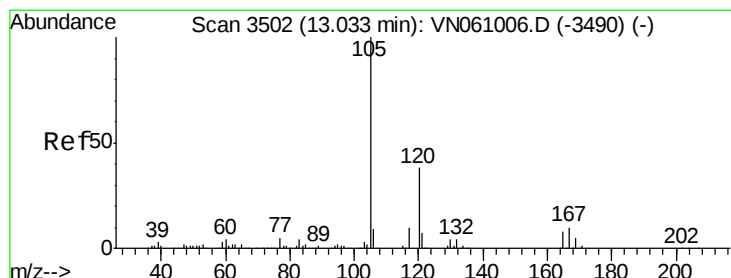
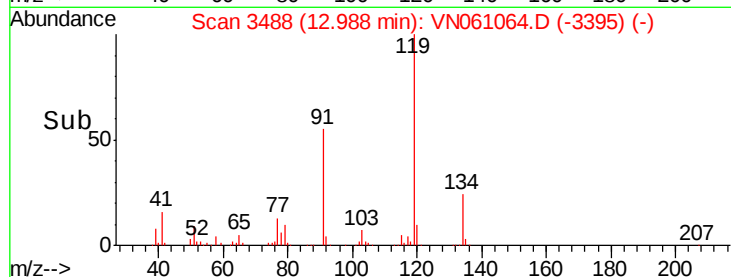
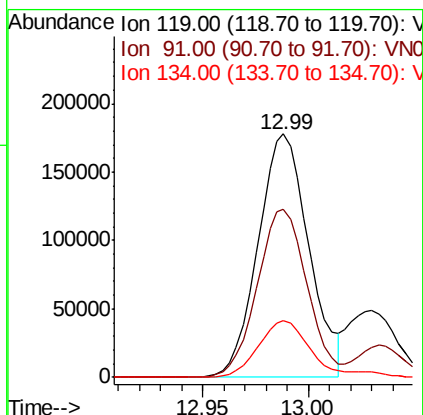
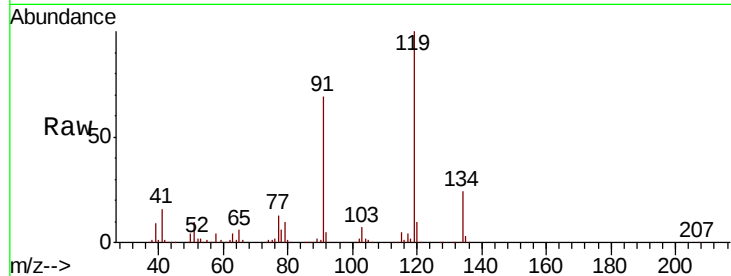




#83
tert-Butylbenzene
Concen: 48.661 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. 0.00 min
Lab File: VN061064.D
Acq: 17 Apr 2020 20:18

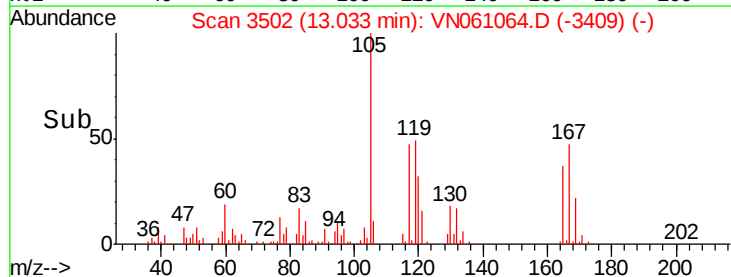
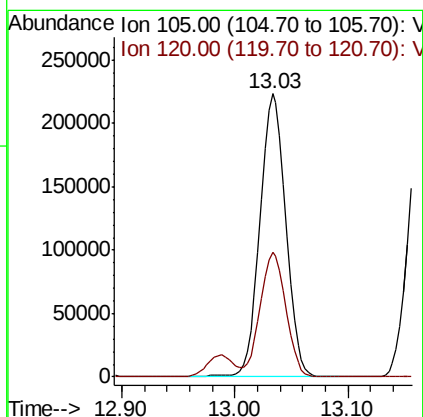
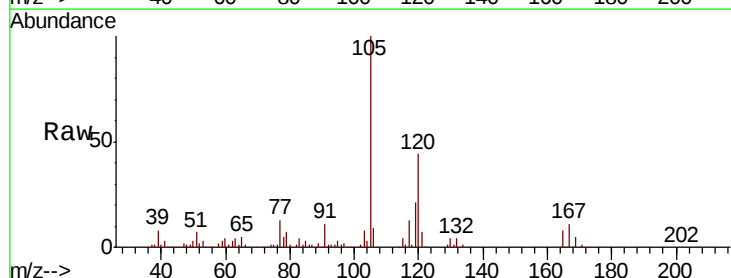
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB180-GW-403-405MSD

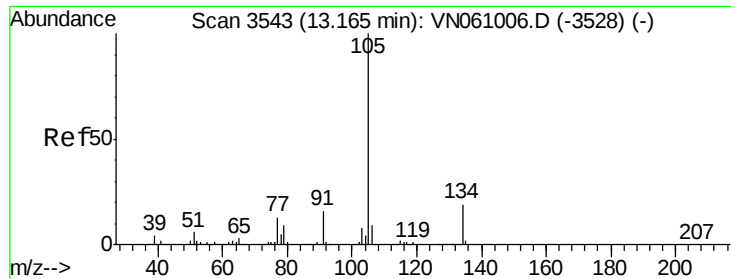
Tot Ion:119 Resp: 297687
Ion Ratio Lower Upper
119 100
91 68.1 34.1 102.3
134 24.7 12.4 37.2



#84
1,2,4-Trimethylbenzene
Concen: 49.368 ug/l
RT: 13.03 min Scan# 3502
Delta R.T. 0.00 min
Lab File: VN061064.D
Acq: 17 Apr 2020 20:18

Tgt Ion:105 Resp: 354978
Ion Ratio Lower Upper
105 100
120 44.1 22.1 66.5

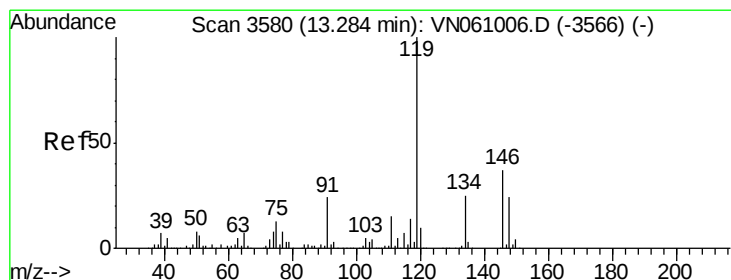
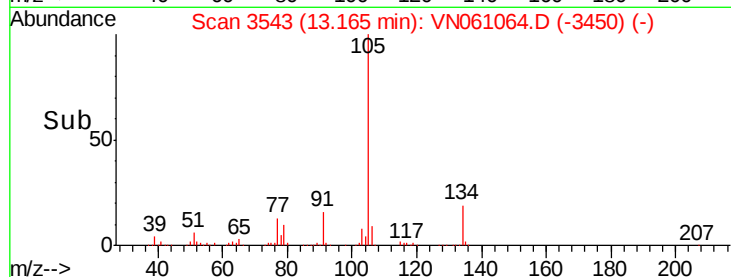
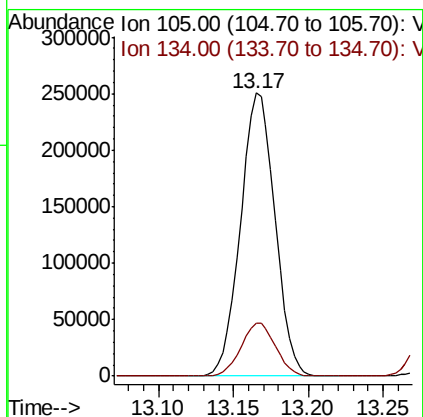
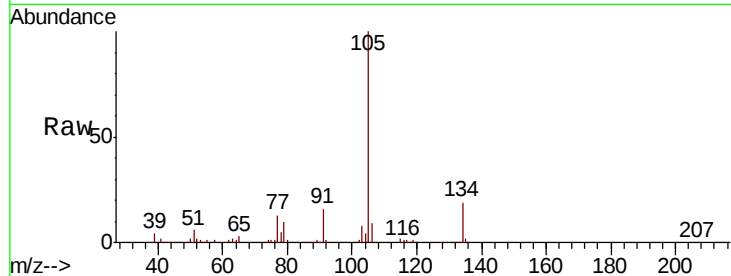




#85
 sec-Butylbenzene
 Concen: 48.409 ug/l
 RT: 13.17 min Scan# 3543
 Delta R.T. 0.00 min
 Lab File: VN061064.D
 Acq: 17 Apr 2020 20:18

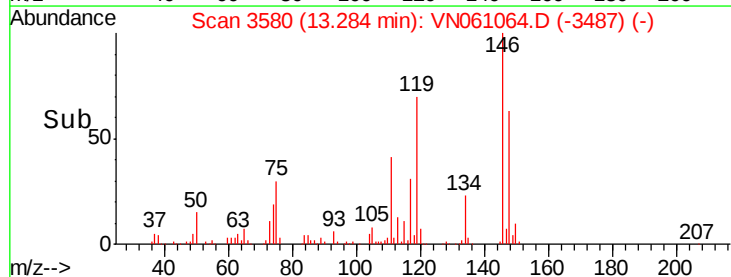
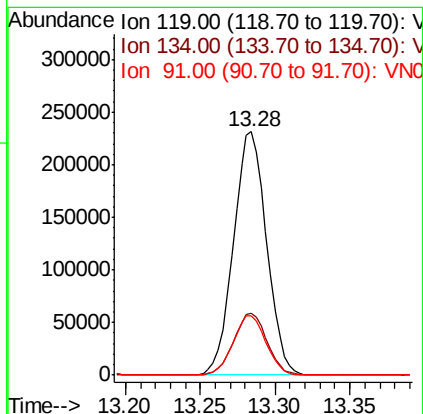
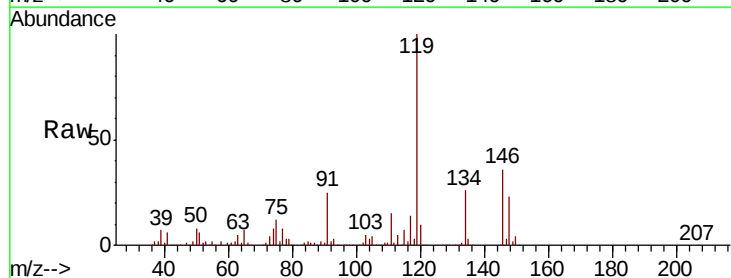
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-GW-403-405MSD

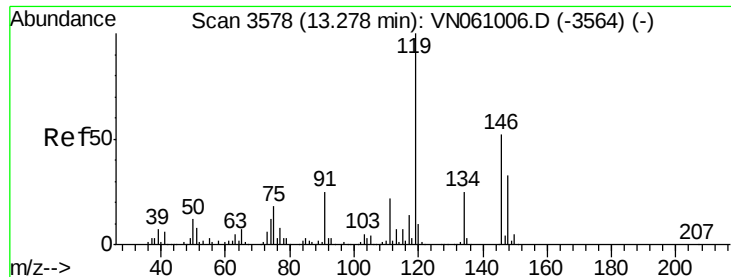
Tot Ion:105 Resp: 401259
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 48.055 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN061064.D
 Acq: 17 Apr 2020 20:18

Tgt Ion:119 Resp: 354699
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.4
 91 24.4 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 47.971 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

Lab File: VN061064.D

Acq: 17 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB180-GW-403-405MSD

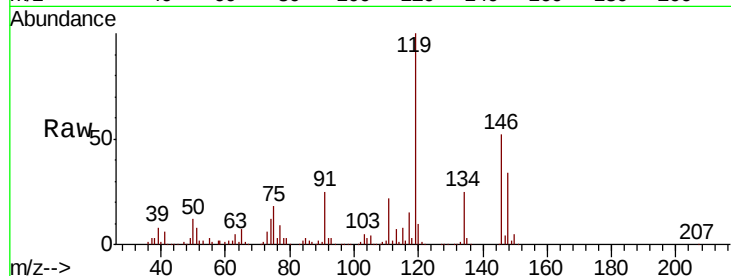
Tot Ion:146 Resp: 175664

Ion Ratio Lower Upper

146 100

111 41.3 20.6 61.8

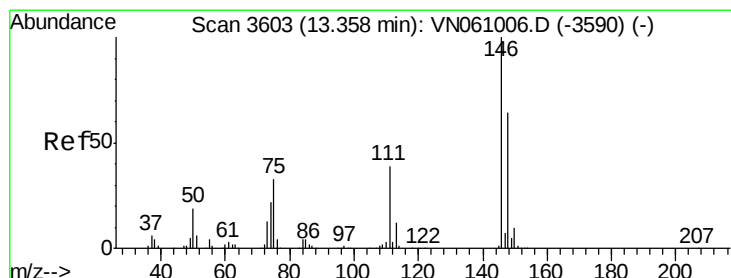
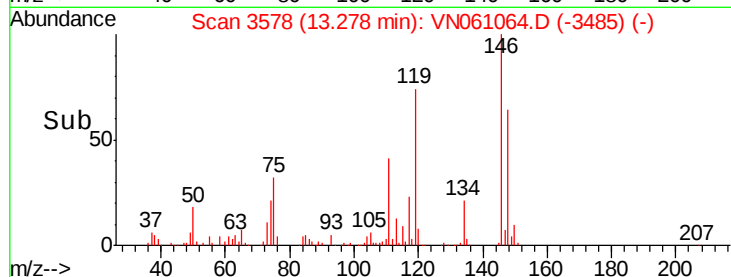
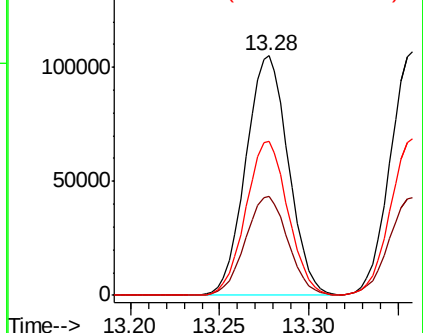
148 63.5 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 47.578 ug/l

RT: 13.36 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN061064.D

Acq: 17 Apr 2020 20:18

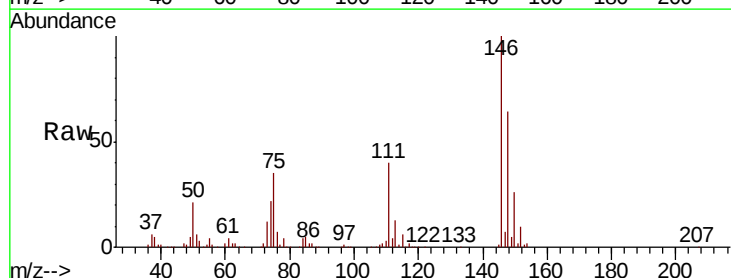
Tgt Ion:146 Resp: 175275

Ion Ratio Lower Upper

146 100

111 40.7 20.1 60.3

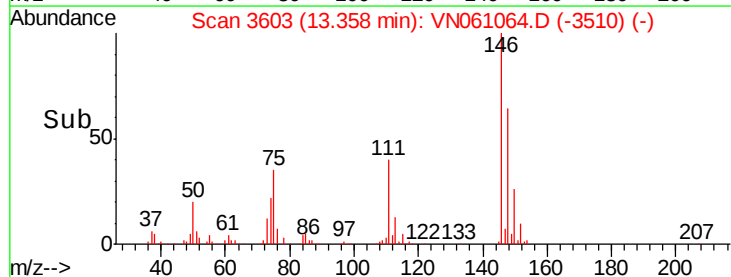
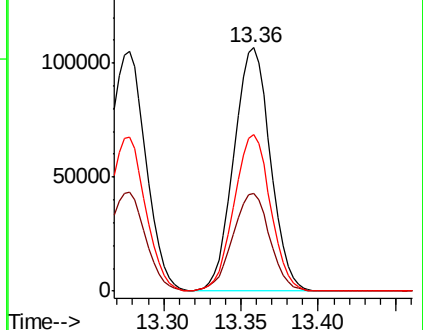
148 63.9 32.1 96.3

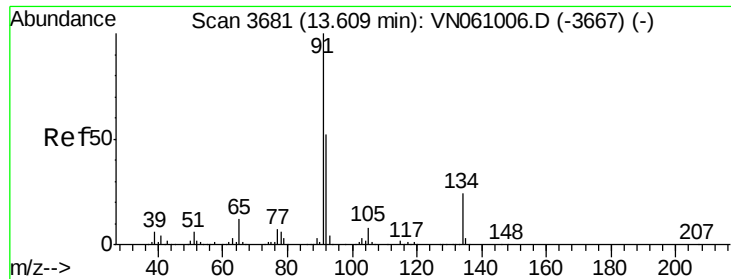


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

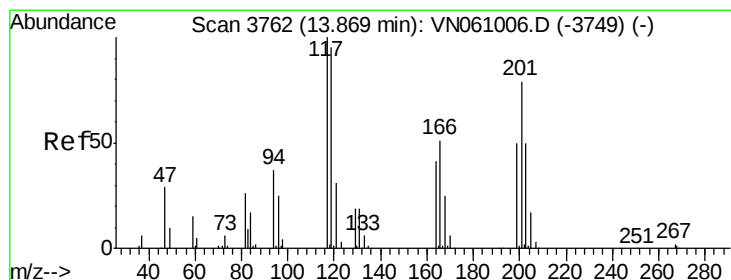
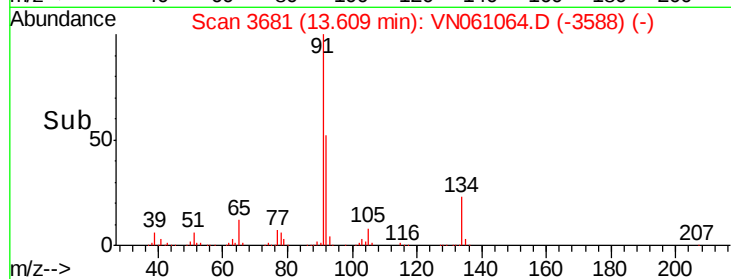
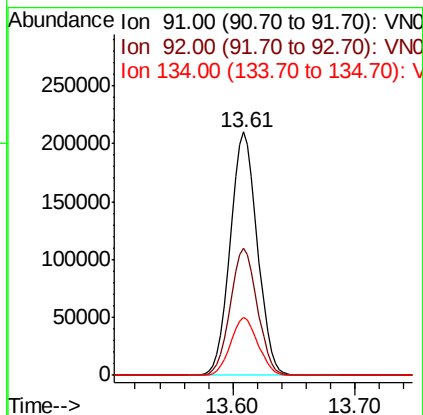
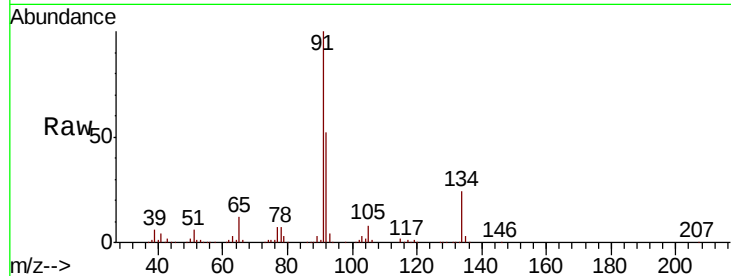




#89
n-Butylbenzene
Concen: 47.280 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. 0.00 min
Lab File: VN061064.D
Acq: 17 Apr 2020 20:18

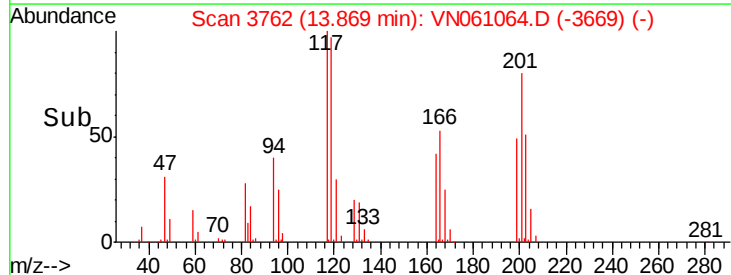
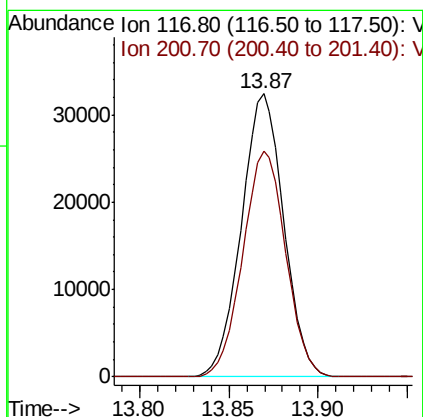
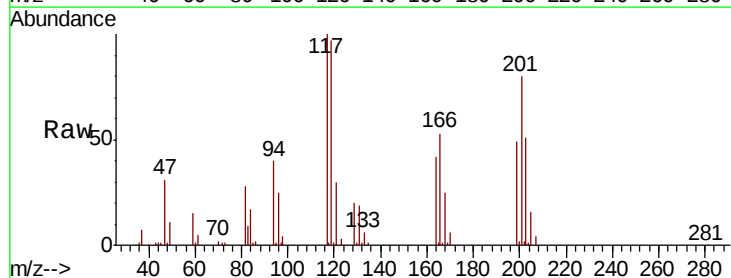
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB180-GW-403-405MSD

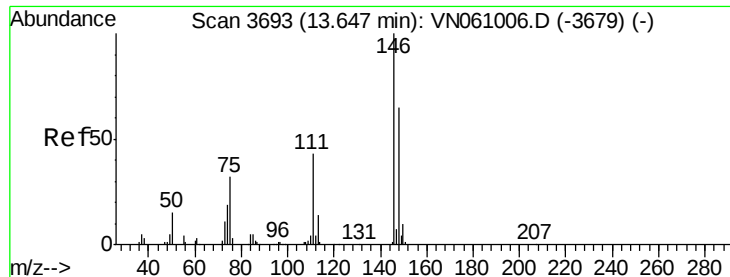
Tot Ion: 91 Resp: 324520
Ion Ratio Lower Upper
91 100
92 52.1 26.1 78.2
134 23.9 12.3 36.8



#90
Hexachloroethane
Concen: 47.489 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN061064.D
Acq: 17 Apr 2020 20:18

Tgt Ion: 117 Resp: 53778
Ion Ratio Lower Upper
117 100
201 80.5 39.3 117.9

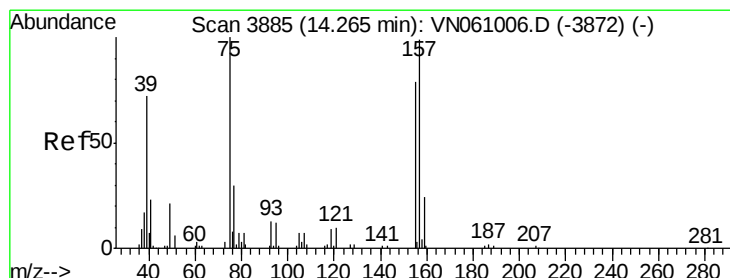
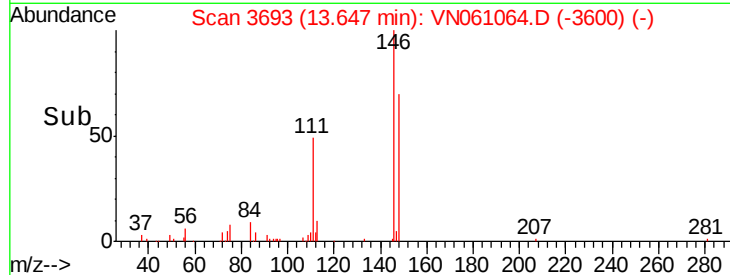
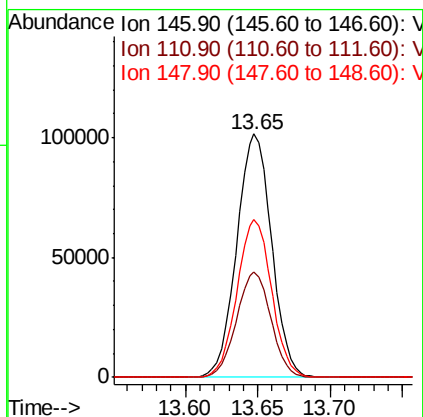
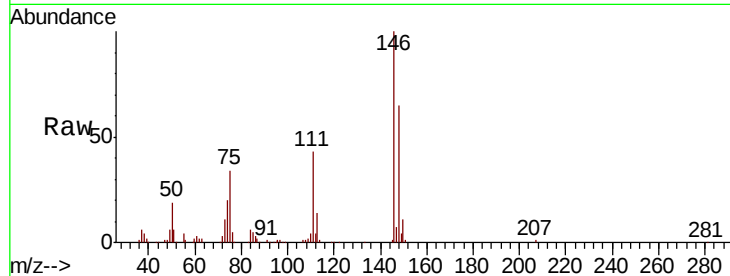




#91
 1,2-Dichlorobenzene
 Concen: 48.485 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. 0.00 min
 Lab File: VN061064.D
 Acq: 17 Apr 2020 20:18

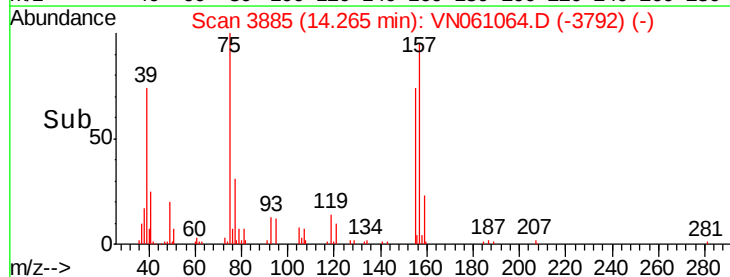
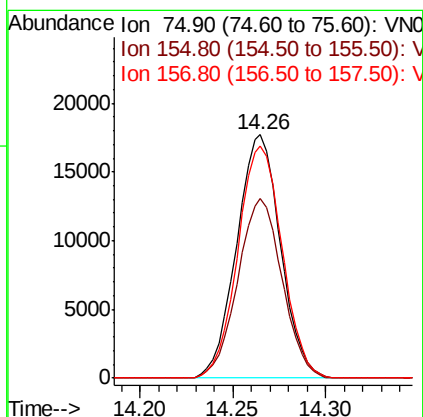
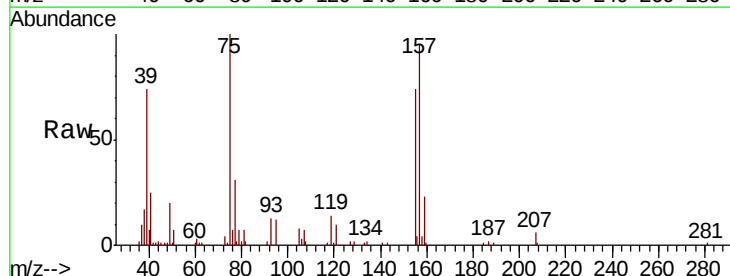
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-GW-403-405MSD

Tot Ion:146 Resp: 169454
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.3 64.0
 148 64.1 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.034 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN061064.D
 Acq: 17 Apr 2020 20:18

Tgt Ion: 75 Resp: 29133
 Ion Ratio Lower Upper
 75 100
 155 74.5 39.5 118.5
 157 96.5 50.1 150.4

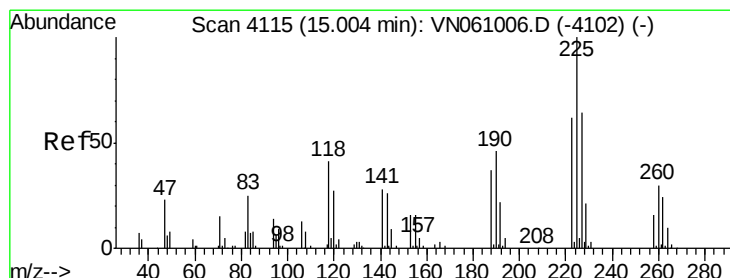
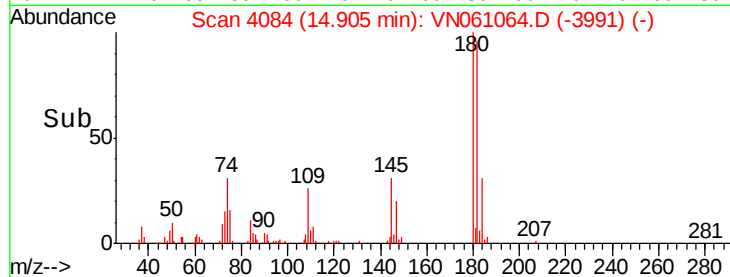
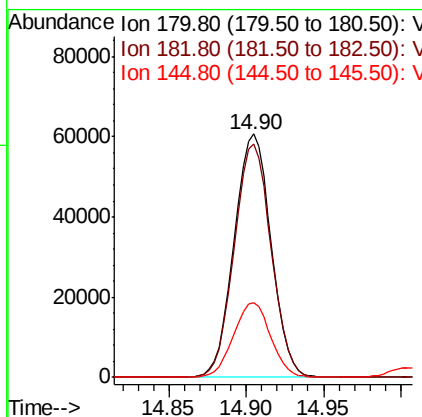
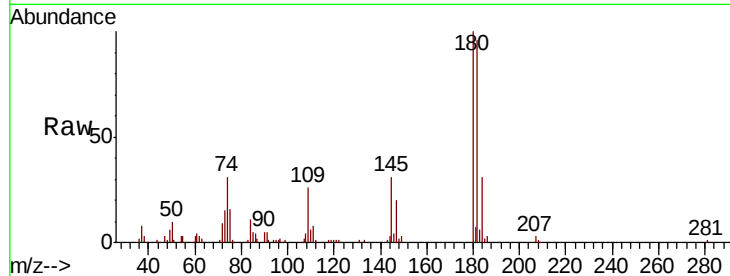




#93
 1,2,4-Trichlorobenzene
 Concen: 48.595 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN061064.D
 Acq: 17 Apr 2020 20:18

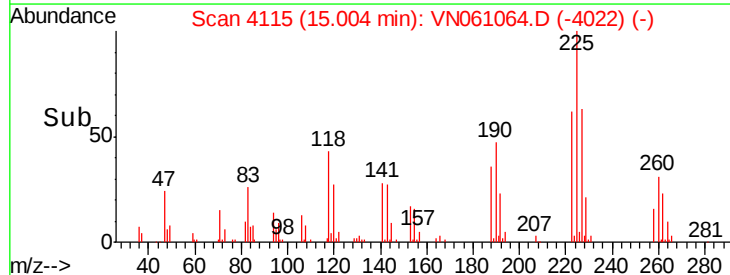
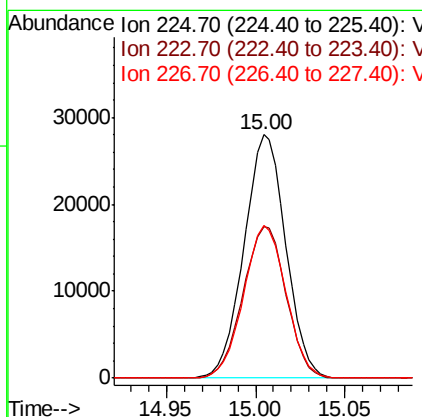
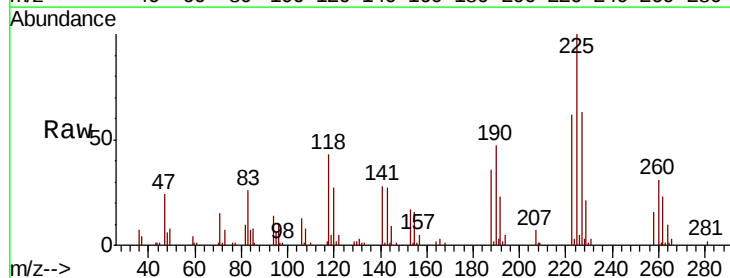
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-GW-403-405MSD

Tot Ion:180 Resp: 100526
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.8 143.3
 145 30.9 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 42.966 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. 0.00 min
 Lab File: VN061064.D
 Acq: 17 Apr 2020 20:18

Tgt Ion:225 Resp: 45723
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.3 93.8
 227 63.7 31.9 95.5

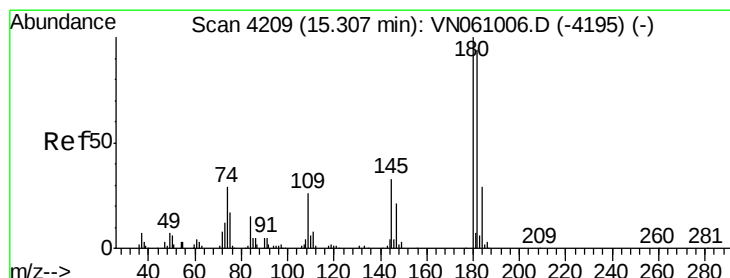
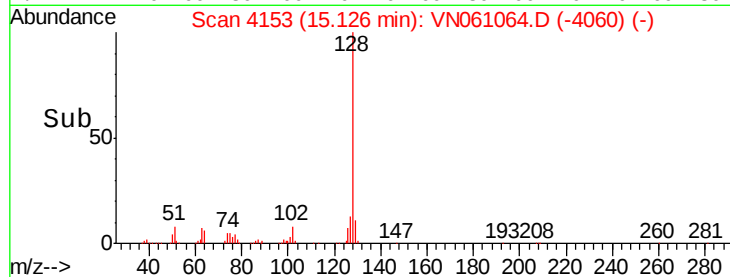
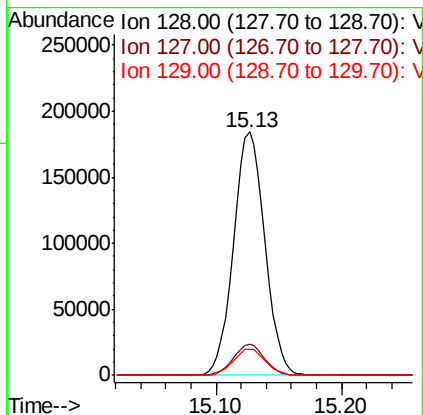
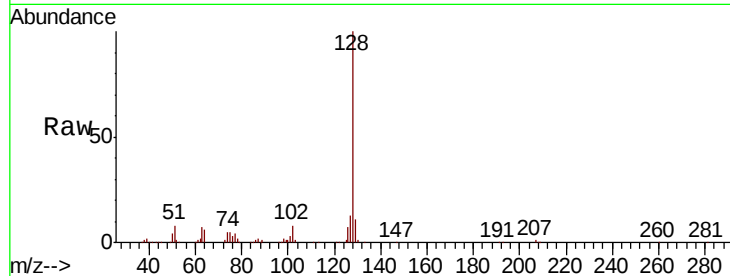




#95
Naphthalene
Concen: 52.904 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN061064.D
Acq: 17 Apr 2020 20:18

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB180-GW-403-405MSD

Tot Ion:128 Resp: 319163
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.071 ug/l
RT: 15.31 min Scan# 4209
Delta R.T. 0.00 min
Lab File: VN061064.D
Acq: 17 Apr 2020 20:18

Tgt Ion:180 Resp: 97825
Ion Ratio Lower Upper
180 100
182 96.3 47.6 142.8
145 33.2 16.4 49.2

