

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082520\
 Data File : VN063123.D
 Acq On : 25 Aug 2020 19:52
 Operator : JC/MD
 Sample : L3783-03MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-498-500MS

Quant Time: Aug 26 05:43:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	215326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	338488	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	293285	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	131913	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	134731	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	
35) Dibromofluoromethane	7.55	113	101685	46.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.20%	
50) Toluene-d8	10.06	98	409320	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
62) 4-Bromofluorobenzene	12.38	95	138126	46.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.40%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	107638	38.327	ug/l	100
3) Chloromethane	2.04	50	127796	43.285	ug/l	99
4) Vinyl Chloride	2.17	62	143131	50.129	ug/l	98
5) Bromomethane	2.54	94	57440	33.893	ug/l	96
6) Chloroethane	2.68	64	85018	50.433	ug/l	99
7) Trichlorofluoromethane	2.99	101	142553	40.035	ug/l	99
8) Diethyl Ether	3.38	74	66463	52.763	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	78634	40.983	ug/l	98
10) Methyl Iodide	3.91	142	81516	33.518	ug/l	99
11) Tert butyl alcohol	4.74	59	92789	256.691	ug/l	100
12) 1,1-Dichloroethene	3.70	96	87985	48.138	ug/l	95
13) Acrolein	3.58	56	3021	26.677	ug/l	93
14) Allyl chloride	4.28	41	123423	38.298	ug/l	98
15) Acrylonitrile	4.94	53	272132	256.133	ug/l	99
16) Acetone	3.78	43	231664	291.758	ug/l	98
17) Carbon Disulfide	4.01	76	189177	39.521	ug/l	99
18) Methyl Acetate	4.28	43	265980	104.877	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	369229	57.925	ug/l	100
20) Methylene Chloride	4.51	84	107888	47.894	ug/l	98
21) trans-1,2-Dichloroethene	5.00	96	92340	48.275	ug/l	99
22) Diisopropyl ether	5.91	45	405001	55.380	ug/l	97
23) Vinyl Acetate	5.85	43	1169603	237.002	ug/l	100
24) 1,1-Dichloroethane	5.80	63	206403	50.507	ug/l	99
25) 2-Butanone	6.79	43	360383	265.991	ug/l	98
26) 2,2-Dichloropropane	6.78	77	132671	41.281	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	120220	50.144	ug/l	99
28) Bromochloromethane	7.15	49	103532	48.419	ug/l	98
29) Tetrahydrofuran	7.17	42	236016	269.907	ug/l	99
30) Chloroform	7.33	83	207620	50.445	ug/l	98
31) Cyclohexane	7.62	56	157075	41.761	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	162951	48.496	ug/l	99
36) 1,1-Dichloropropene	7.75	75	129658	43.467	ug/l	99
37) Ethyl Acetate	6.89	43	131932	47.202	ug/l	99
38) Carbon Tetrachloride	7.73	117	114898	38.153	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	136875	34.488	ug/l	98
40) Benzene	8.00	78	440894	46.602	ug/l	100
41) Methacrylonitrile	7.13	41	73835	55.444	ug/l	95
42) 1,2-Dichloroethane	8.09	62	152595	48.036	ug/l	99
43) Isopropyl Acetate	8.13	43	232472	50.204	ug/l	99
44) Trichloroethene	8.81	130	131680	55.955	ug/l	100
45) 1,2-Dichloropropane	9.09	63	129985	47.531	ug/l	98
46) Dibromomethane	9.18	93	74145	46.932	ug/l	99
47) Bromodichloromethane	9.37	83	157484	45.513	ug/l	99
48) Methyl methacrylate	9.17	41	116992	53.398	ug/l	96
49) 1,4-Dioxane	9.17	88	34561	721.179	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	754166	257.667	ug/l	100
52) Toluene	10.13	92	268456	47.039	ug/l	100
53) t-1,3-Dichloropropene	10.36	75	164266	45.906	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	183248	46.683	ug/l	99
55) 1,1,2-Trichloroethane	10.54	97	112762	46.208	ug/l	98
56) Ethyl methacrylate	10.40	69	187030	49.636	ug/l	100
57) 1,3-Dichloropropane	10.68	76	189690	46.811	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.81	63	966	13.203	ug/l #	49
59) 2-Hexanone	10.72	43	542186	265.571	ug/l	100
60) Dibromochloromethane	10.88	129	113239	41.931	ug/l	100
61) 1,2-Dibromoethane	10.98	107	109061	46.512	ug/l	99
64) Tetrachloroethene	10.61	164	151430	78.547	ug/l	98
65) Chlorobenzene	11.41	112	280311	47.589	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	94394	41.201	ug/l	100
67) Ethyl Benzene	11.49	91	492938	49.528	ug/l	99
68) m/p-Xylenes	11.60	106	372961	100.824	ug/l	99
69) o-Xylene	11.92	106	183926	51.778	ug/l	99
70) Styrene	11.94	104	296965	42.430	ug/l	99
71) Bromoform	12.10	173	62700	34.382	ug/l #	100
73) Isopropylbenzene	12.23	105	462420	51.190	ug/l	99
74) N-amyl acetate	12.05	43	209195	64.660	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	131099	44.799	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	188384	73.470	ug/l #	100
77) Bromobenzene	12.50	156	123327	49.640	ug/l	99
78) n-propylbenzene	12.57	91	515913	50.106	ug/l	100
79) 2-Chlorotoluene	12.65	91	314914	48.625	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	378640	50.705	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	46362	49.659	ug/l	98
82) 4-Chlorotoluene	12.75	91	328904	49.875	ug/l	99
83) tert-Butylbenzene	12.97	119	313155	48.587	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	388324	53.379	ug/l	100
85) sec-Butylbenzene	13.15	105	391892	44.990	ug/l	99
86) p-Isopropyltoluene	13.26	119	363829	47.936	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	205775	48.194	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	207225	47.817	ug/l	99
89) n-Butylbenzene	13.59	91	308828	43.323	ug/l	100
90) Hexachloroethane	13.85	117	26270	16.284	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	207266	50.254	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	28782	63.265	ug/l	99

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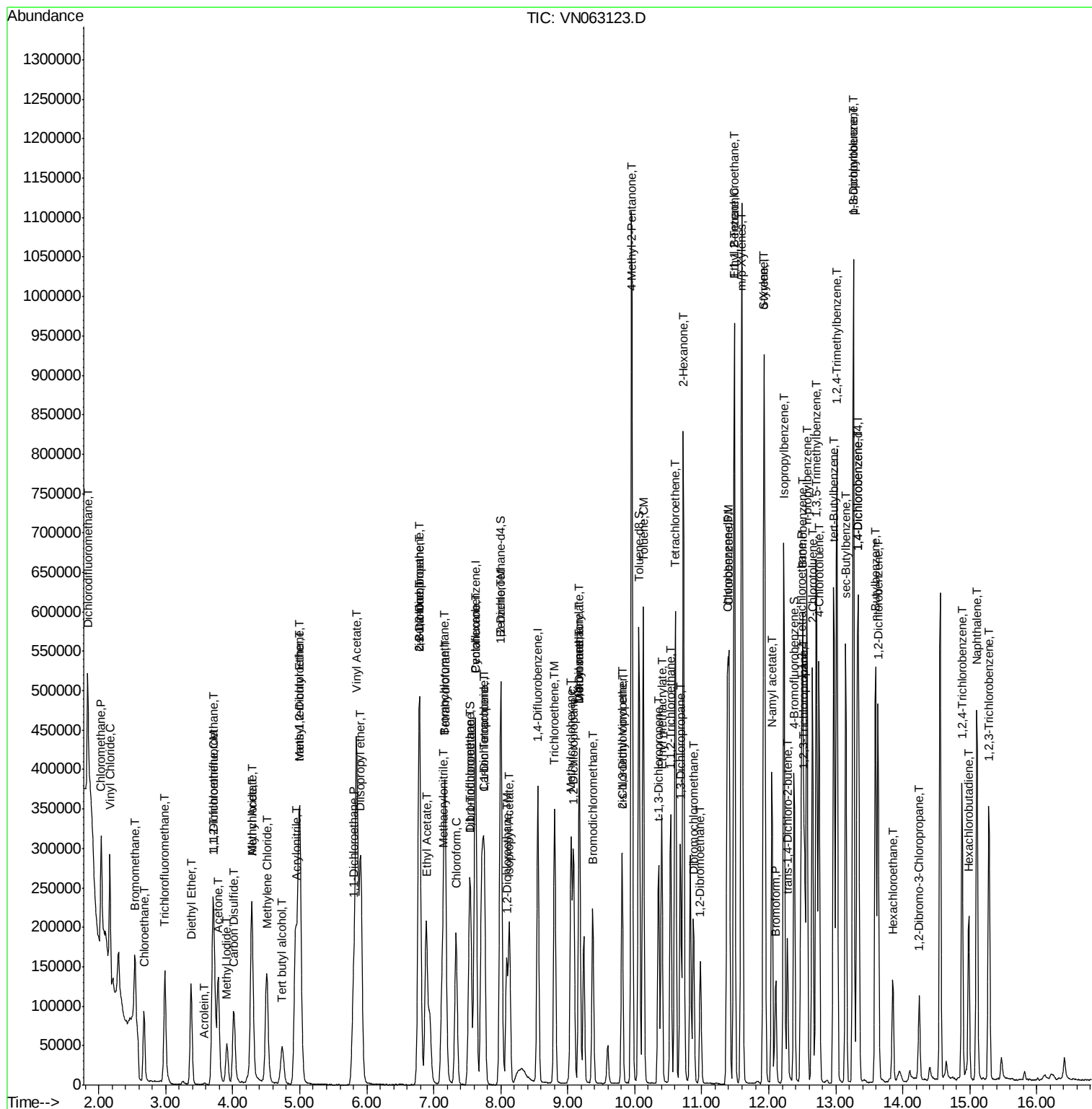
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	127186	55.120	ug/l	98
94) Hexachlorobutadiene	14.99	225	44420	29.146	ug/l	99
95) Naphthalene	15.10	128	404899	73.891	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	127100	56.180	ug/l	100

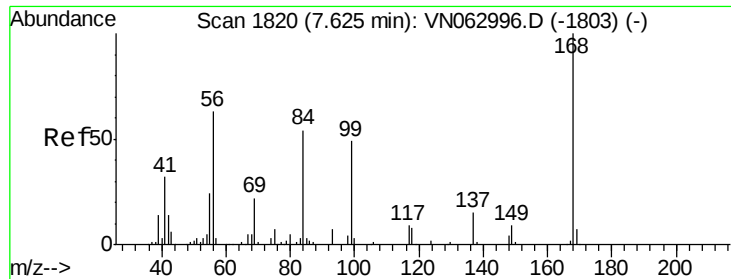
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN063123.D

Acq: 25 Aug 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

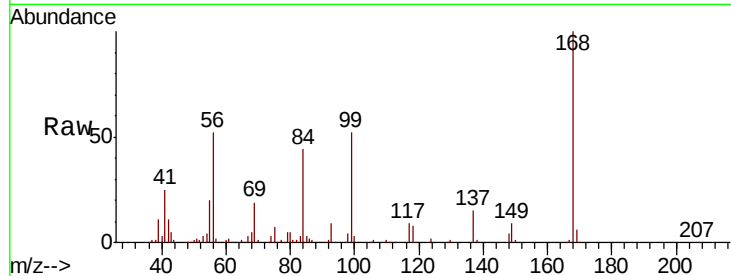
BP-VPB181-GW-498-500MS

Tot Ion:168 Resp: 215326

Ion Ratio Lower Upper

168 100

99 51.7 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

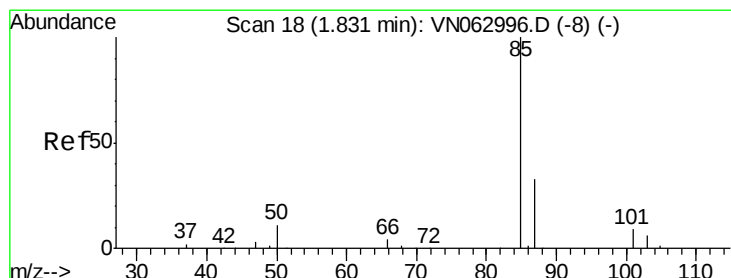
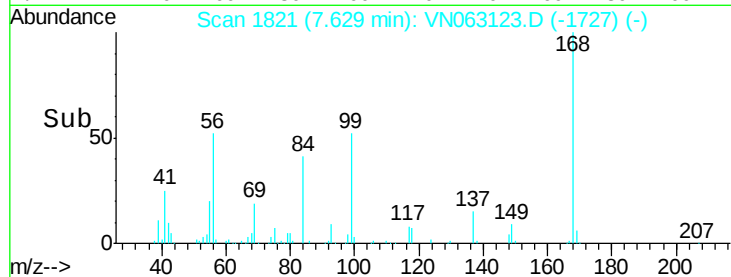
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 38.327 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN063123.D

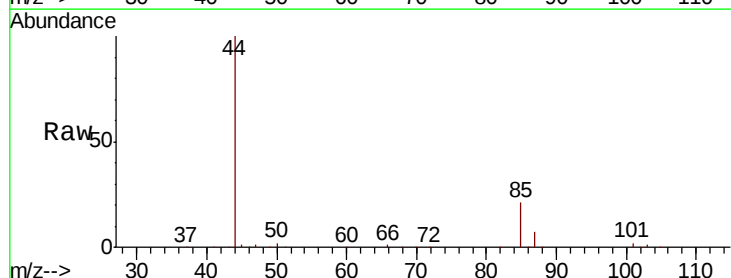
Acq: 25 Aug 2020 19:52

Tgt Ion: 85 Resp: 107638

Ion Ratio Lower Upper

85 100

87 32.9 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

80000

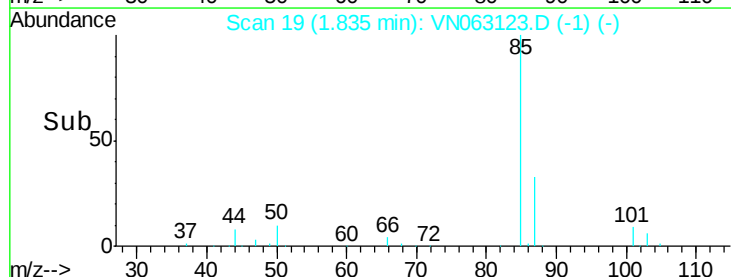
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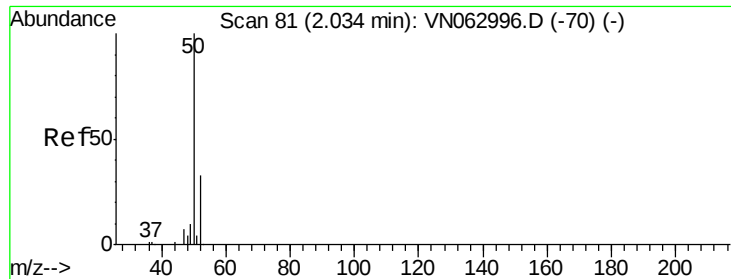
40000

20000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 43.285 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN063123.D

Acq: 25 Aug 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

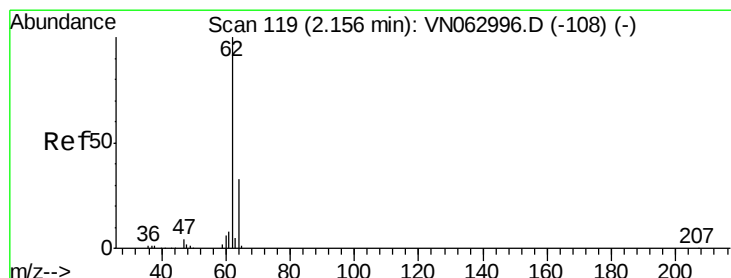
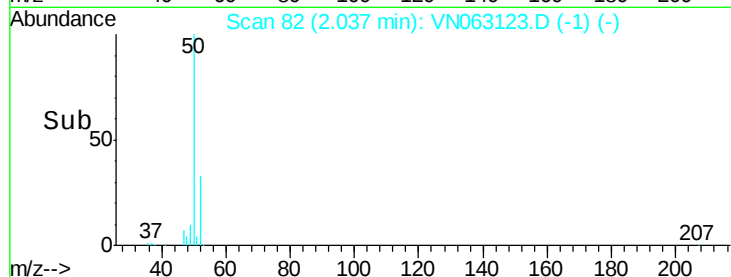
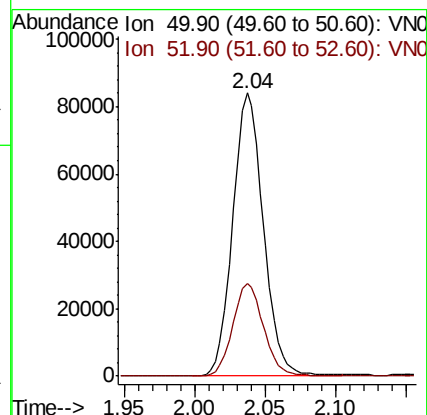
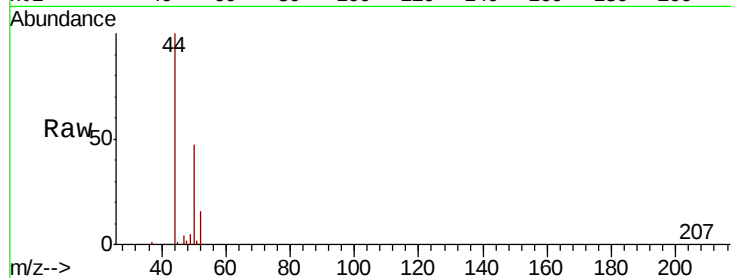
BP-VPB181-GW-498-500MS

Tot Ion: 50 Resp: 127796

Ion Ratio Lower Upper

50 100

52 32.8 26.0 39.0



#4

Vinyl Chloride

Concen: 50.129 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.01 min

Lab File: VN063123.D

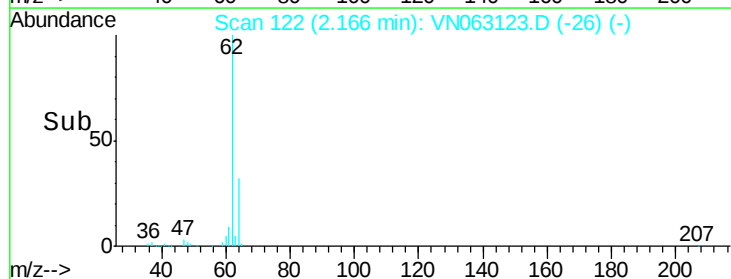
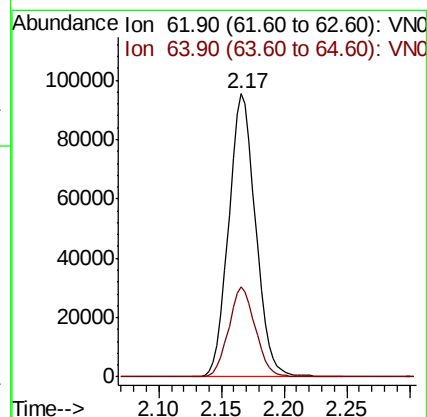
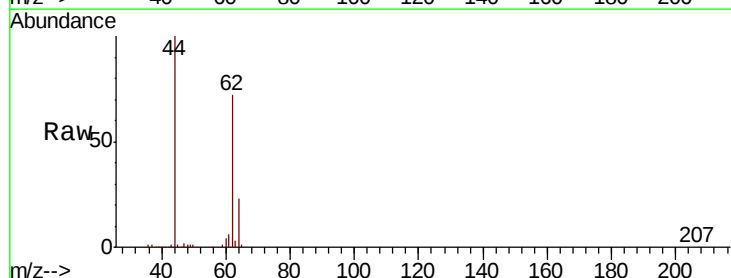
Acq: 25 Aug 2020 19:52

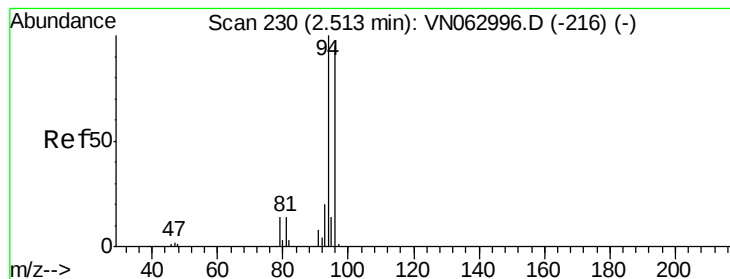
Tgt Ion: 62 Resp: 143131

Ion Ratio Lower Upper

62 100

64 31.6 26.2 39.2





#5

Bromomethane

Concen: 33.893 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.03 min

Lab File: VN063123.D

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Instrument :

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ClientSampleId :

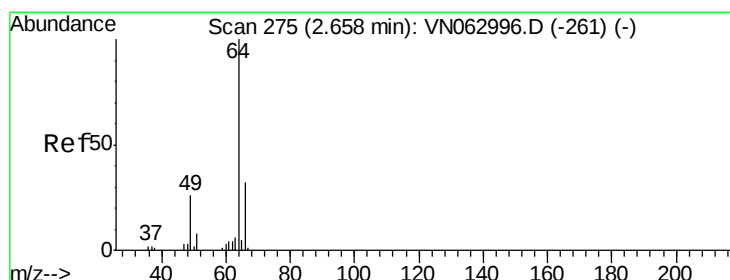
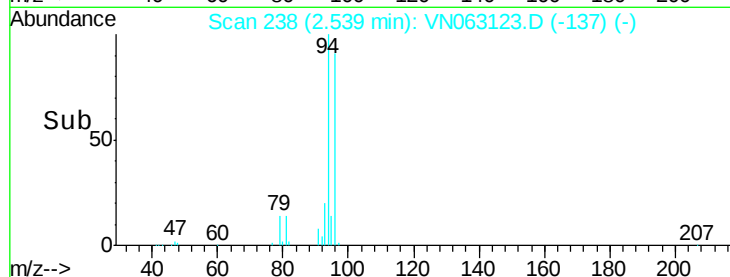
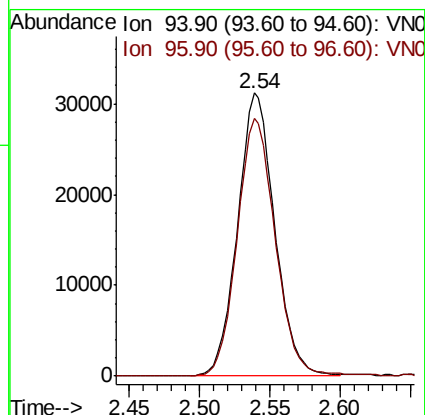
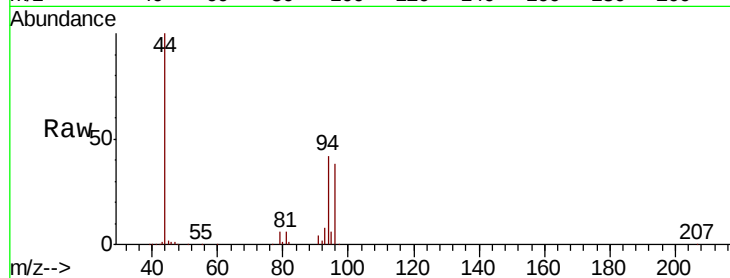
BP-VPB181-GW-498-500MS

Tot Ion: 94 Resp: 57440

Ion Ratio Lower Upper

94 100

96 90.9 75.8 113.8



#6

Chloroethane

Concen: 50.433 ug/l

RT: 2.68 min Scan# 281

Delta R.T. 0.02 min

Lab File: VN063123.D

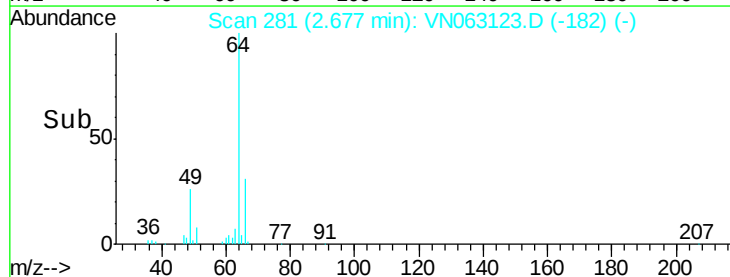
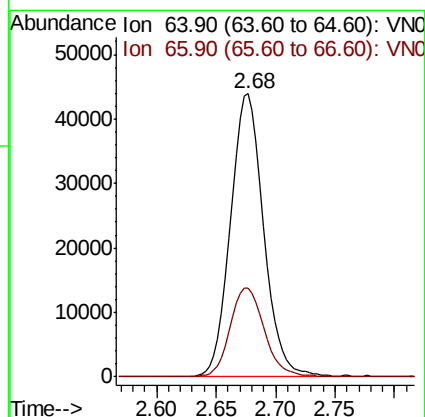
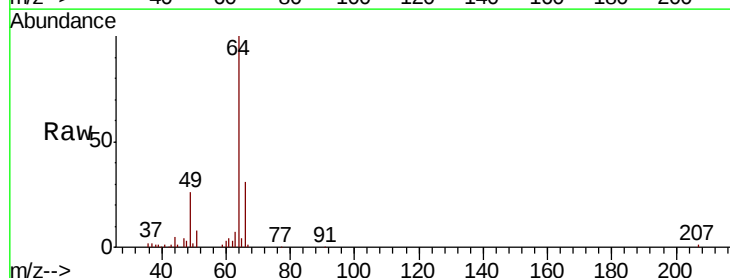
Acq: 25 Aug 2020 19:52

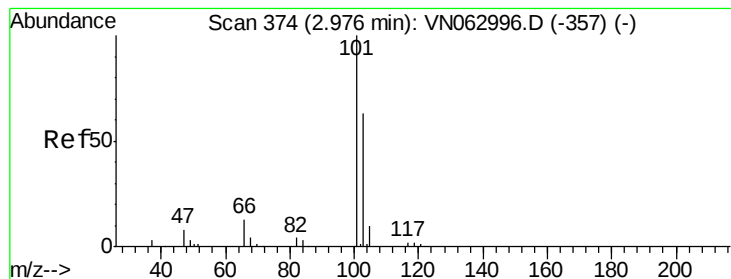
Tgt Ion: 64 Resp: 85018

Ion Ratio Lower Upper

64 100

66 31.4 25.4 38.0



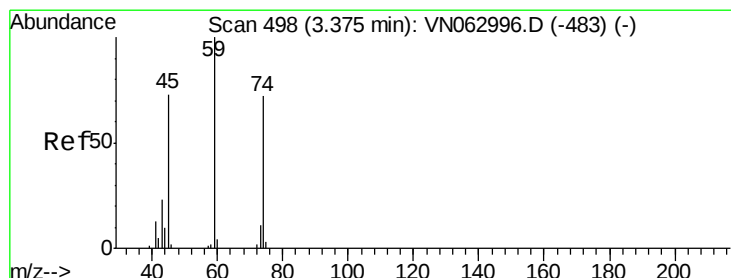
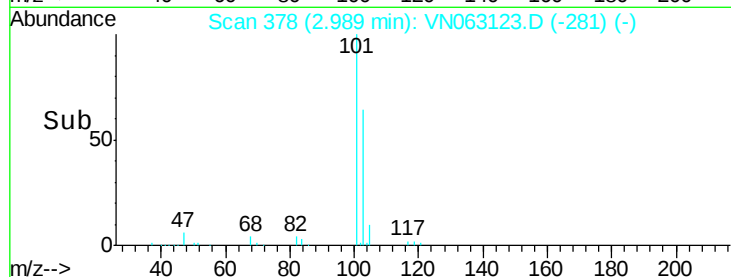
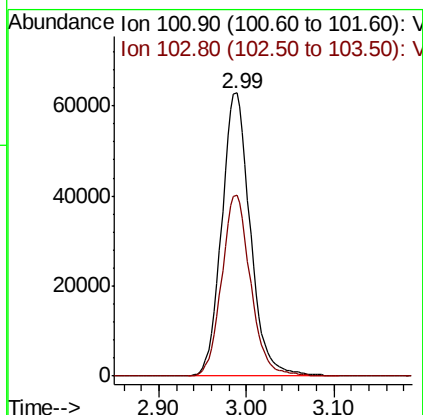
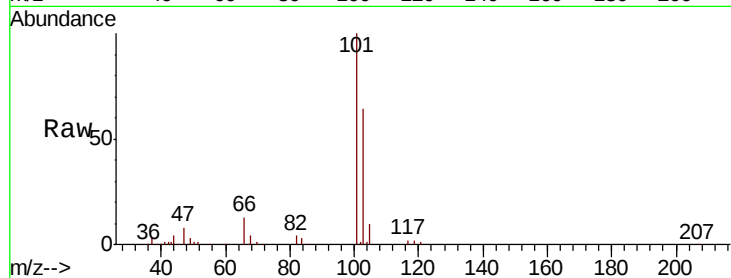


#7

Trichlorofluoromethane
 Concen: 40.035 ug/l
 RT: 2.99 min Scan# 378
 Delta R.T. 0.01 min
 Lab File: VN063123.D
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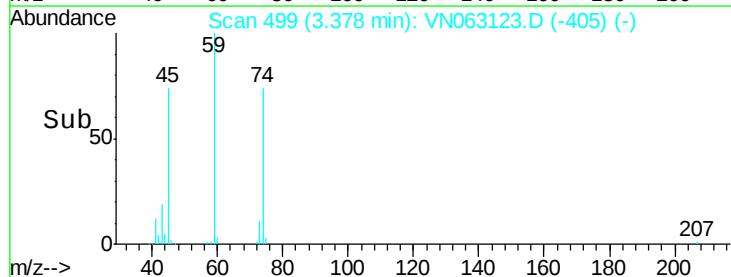
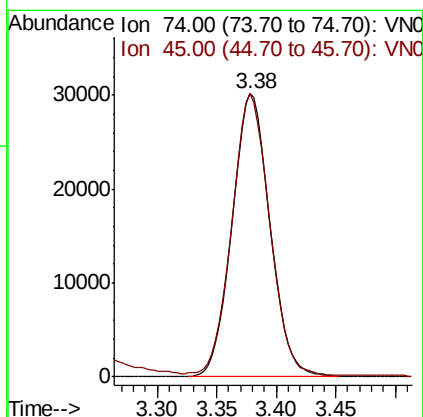
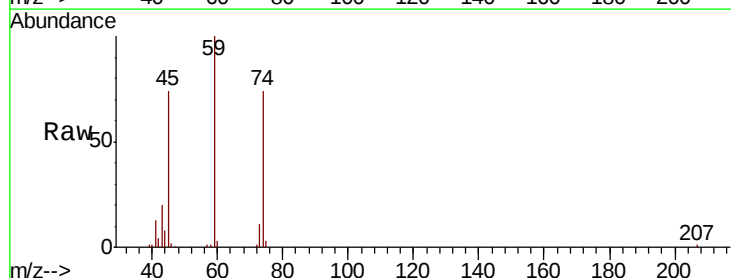
Tot Ion:101 Resp: 142553
 Ion Ratio Lower Upper
 101 100
 103 63.8 50.5 75.7

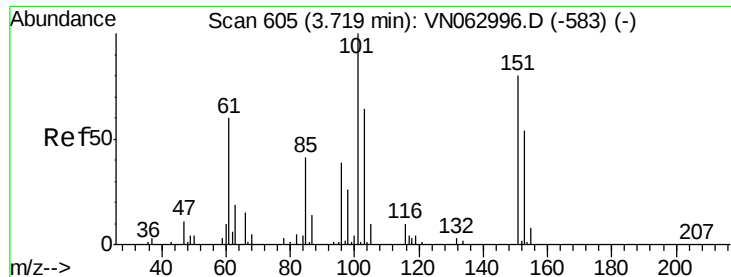


#8

Diethyl Ether
 Concen: 52.763 ug/l
 RT: 3.38 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: VN063123.D
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Tgt Ion: 74 Resp: 66463
 Ion Ratio Lower Upper
 74 100
 45 99.1 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 40.983 ug/l

RT: 3.72 min Scan# 606

Delta R.T. 0.00 min

Lab File: VN063123.D

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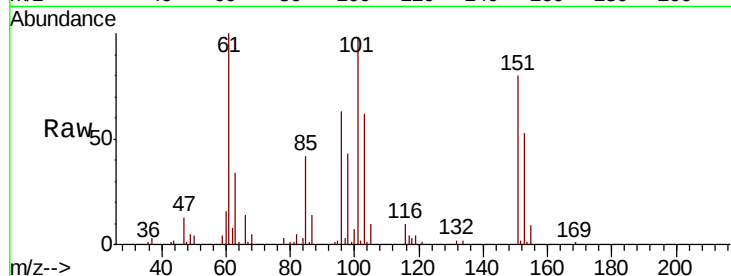
Tot Ion:101 Resp: 78634

Ion Ratio Lower Upper

101 100

85 42.8 34.0 51.0

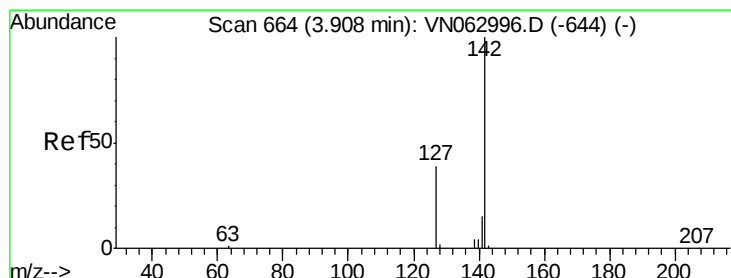
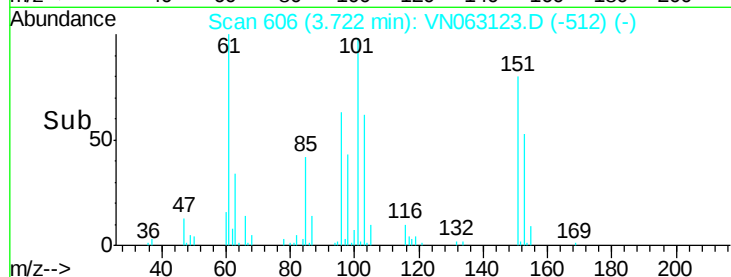
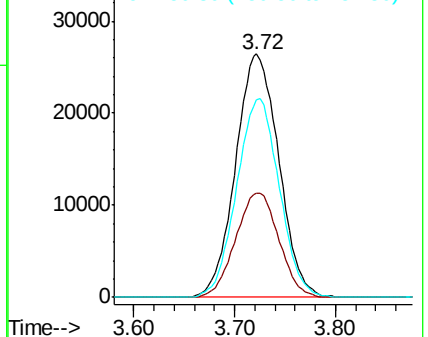
151 80.4 65.8 98.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 33.518 ug/l

RT: 3.91 min Scan# 665

Delta R.T. 0.00 min

Lab File: VN063123.D

Acq: 25 Aug 2020 19:52

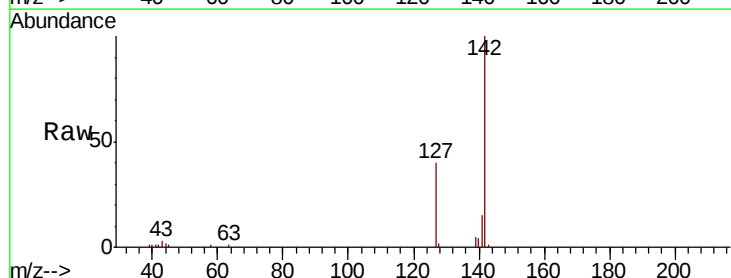
Tgt Ion:142 Resp: 81516

Ion Ratio Lower Upper

142 100

127 39.1 32.2 48.4

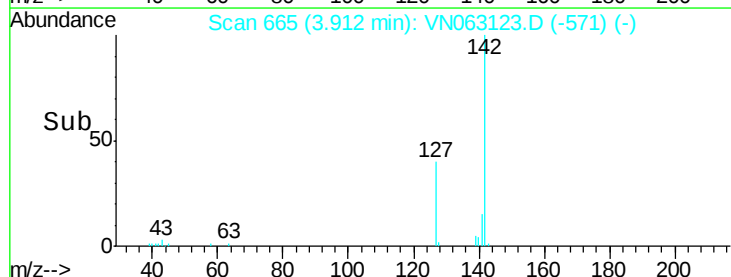
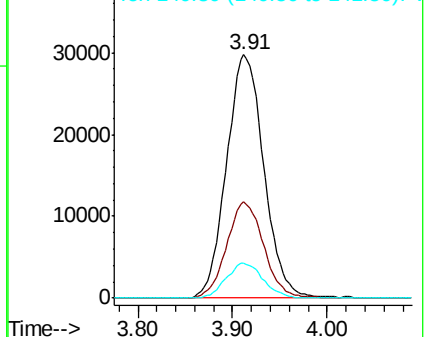
141 14.2 11.3 16.9

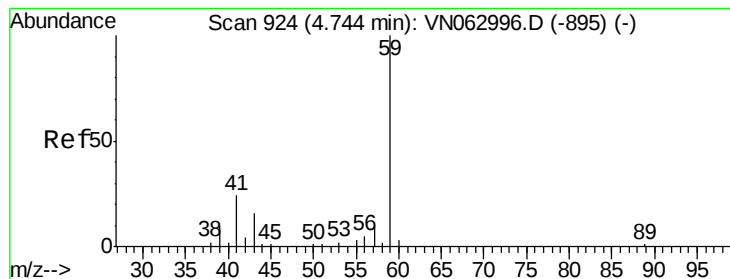


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



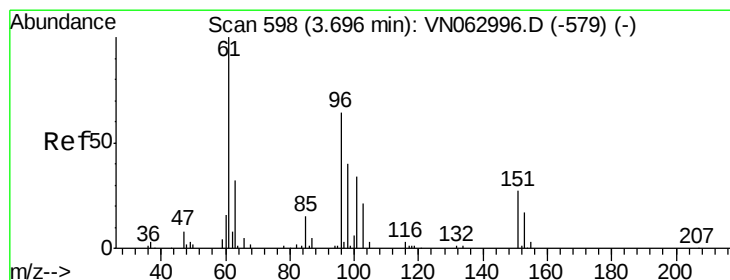
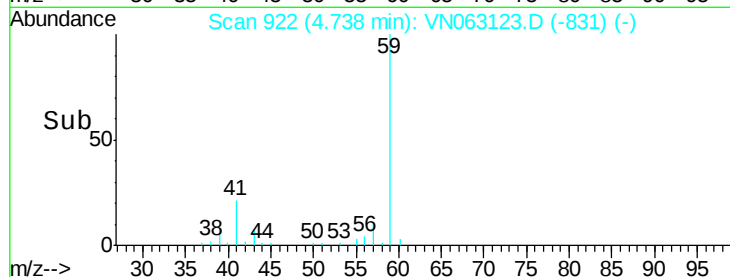
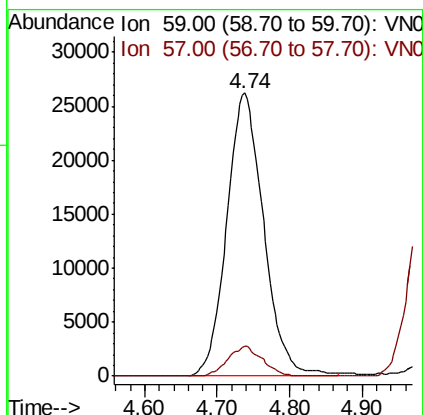
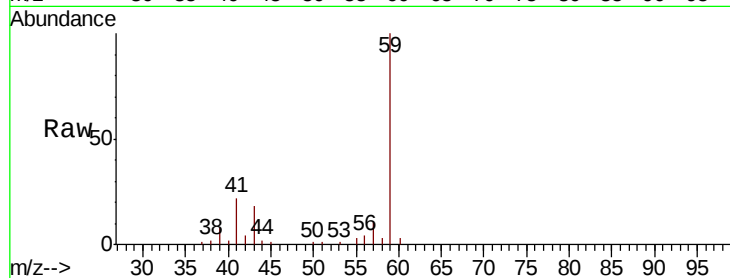


#11

Tert butyl alcohol
 Concen: 256.691 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: VN063123.D
 Acq: 25 Aug 2020 19:52

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-498-500MS

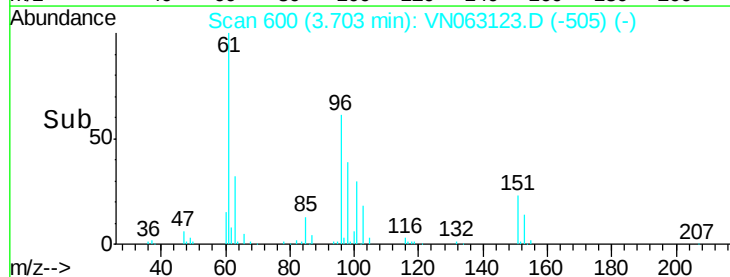
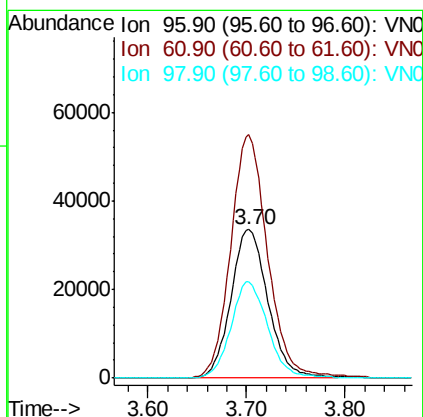
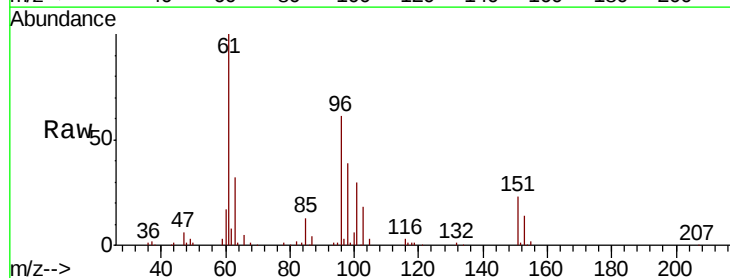
Tot Ion: 59 Resp: 92789
 Ion Ratio Lower Upper
 59 100
 57 9.8 7.8 11.6

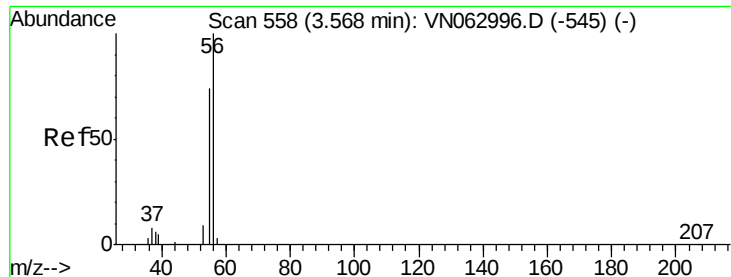


#12

1,1-Dichloroethene
 Concen: 48.138 ug/l
 RT: 3.70 min Scan# 600
 Delta R.T. 0.01 min
 Lab File: VN063123.D
 Acq: 25 Aug 2020 19:52

Tgt Ion: 96 Resp: 87985
 Ion Ratio Lower Upper
 96 100
 61 164.2 125.5 188.3
 98 64.8 50.4 75.6





#13

Acrolein

Concen: 26.677 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.01 min

Lab File: VN063123.D

Acq: 25 Aug 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

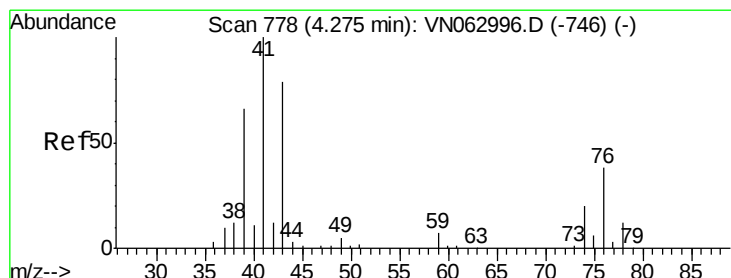
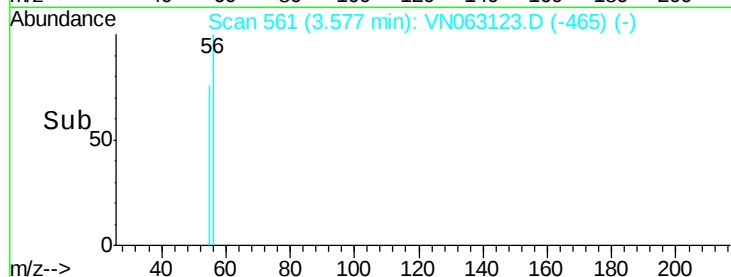
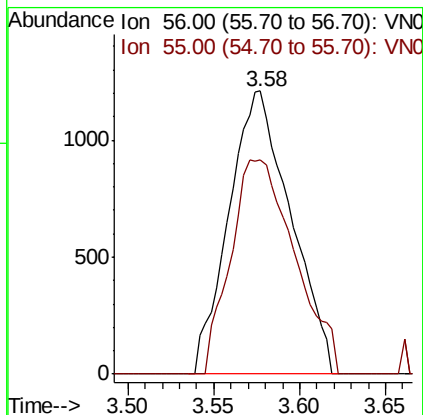
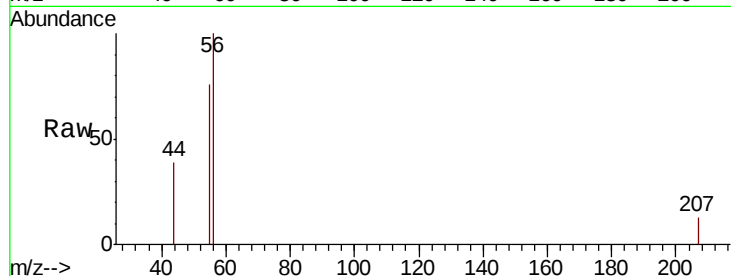
BP-VPB181-GW-498-500MS

Tot Ion: 56 Resp: 3021

Ion Ratio Lower Upper

56 100

55 78.6 58.4 87.6



#14

Allyl chloride

Concen: 38.298 ug/l

RT: 4.28 min Scan# 780

Delta R.T. 0.01 min

Lab File: VN063123.D

Acq: 25 Aug 2020 19:52

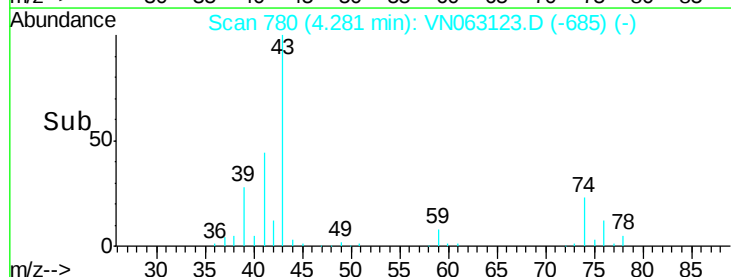
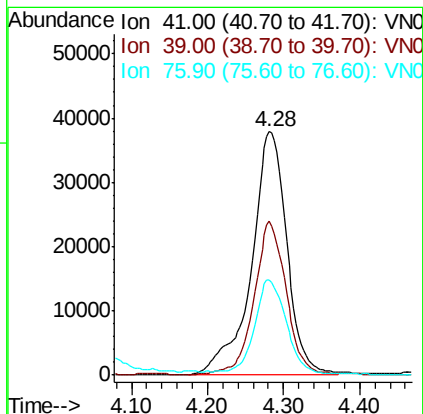
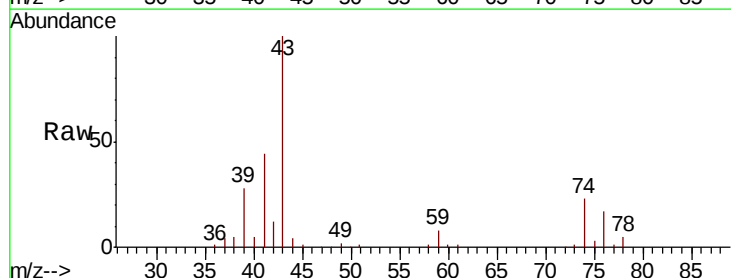
Tgt Ion: 41 Resp: 123423

Ion Ratio Lower Upper

41 100

39 57.2 47.9 71.9

76 33.7 27.0 40.6





#15

Acrylonitrile

Concen: 256.133 ug/l

RT: 4.94 min Scan# 984

Delta R.T. 0.01 min

Lab File: VN063123.D

Acq: 25 Aug 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-498-500MS

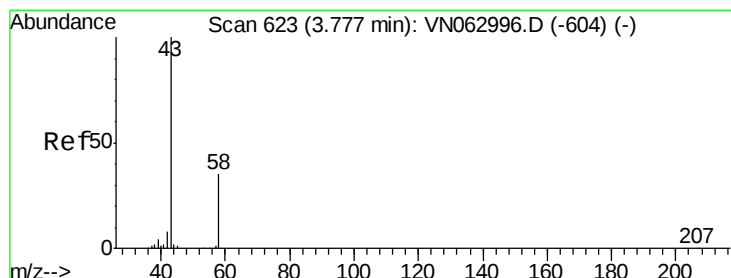
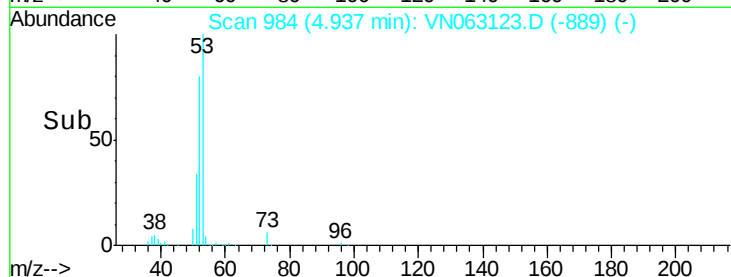
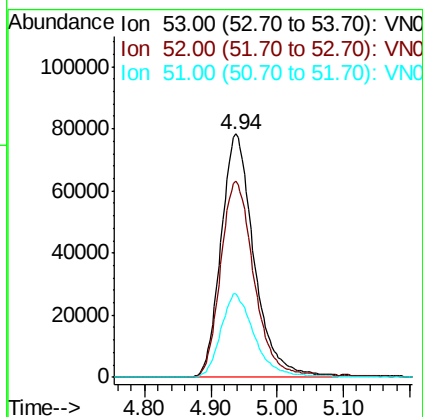
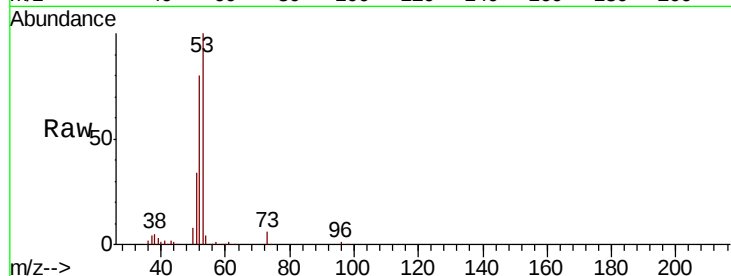
Tot Ion: 53 Resp: 272132

Ion Ratio Lower Upper

53 100

52 81.5 65.6 98.4

51 34.9 28.2 42.4



#16

Acetone

Concen: 291.758 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN063123.D

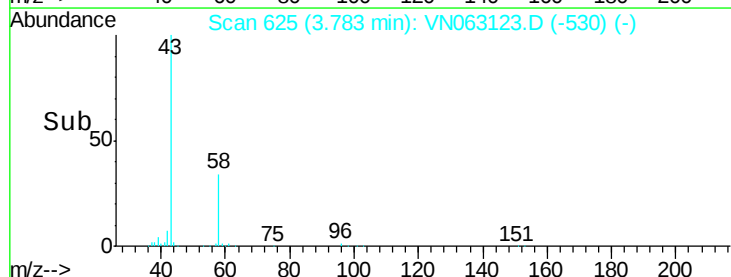
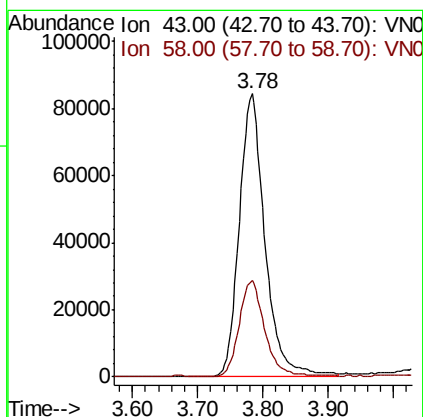
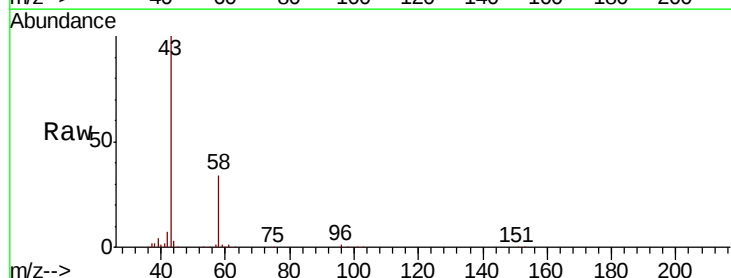
Acq: 25 Aug 2020 19:52

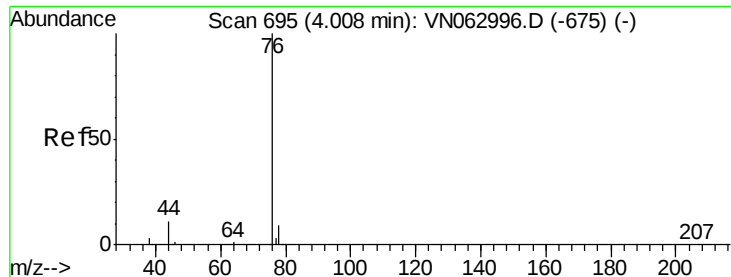
Tgt Ion: 43 Resp: 231664

Ion Ratio Lower Upper

43 100

58 33.7 27.8 41.6





#17

Carbon Disulfide

Concen: 39.521 ug/l

RT: 4.01 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN063123.D

Acq: 25 Aug 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

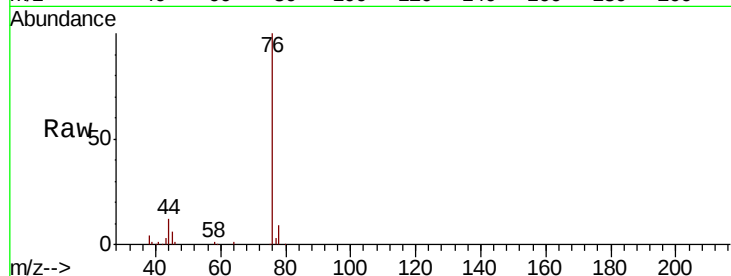
BP-VPB181-GW-498-500MS

Tot Ion: 76 Resp: 189177

Ion Ratio Lower Upper

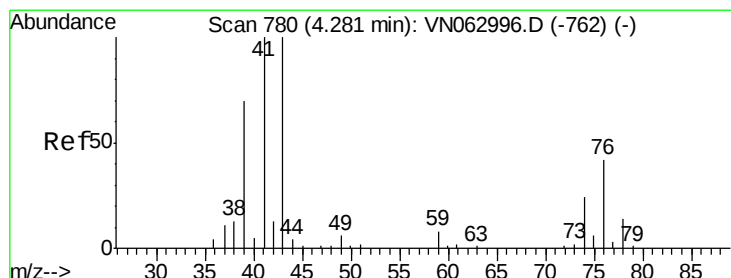
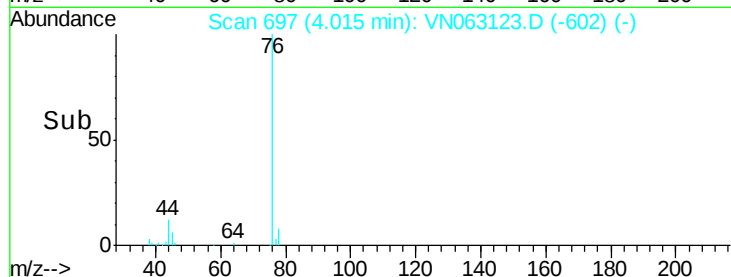
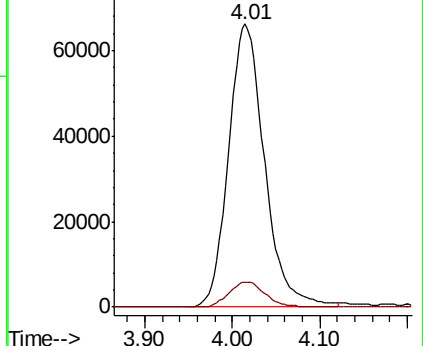
76 100

78 8.8 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VN062996.D (-675) (-)

Ion 77.90 (77.60 to 78.60): VN062996.D (-675) (-)



#18

Methyl Acetate

Concen: 104.877 ug/l

RT: 4.28 min Scan# 781

Delta R.T. 0.00 min

Lab File: VN063123.D

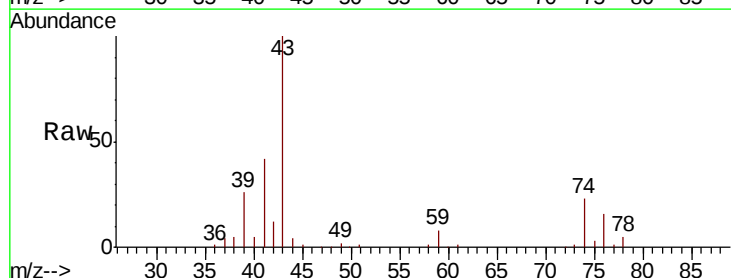
Acq: 25 Aug 2020 19:52

Tgt Ion: 43 Resp: 265980

Ion Ratio Lower Upper

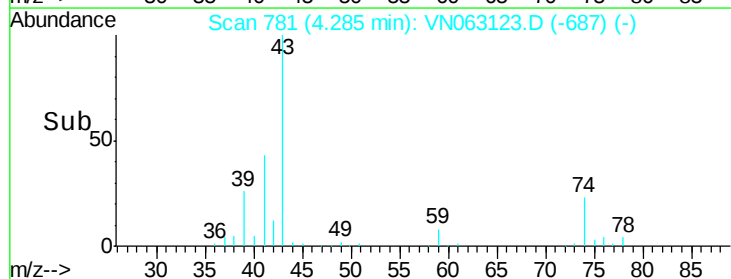
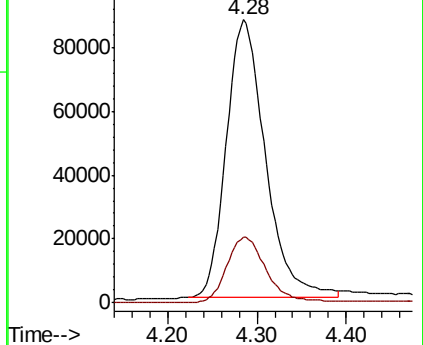
43 100

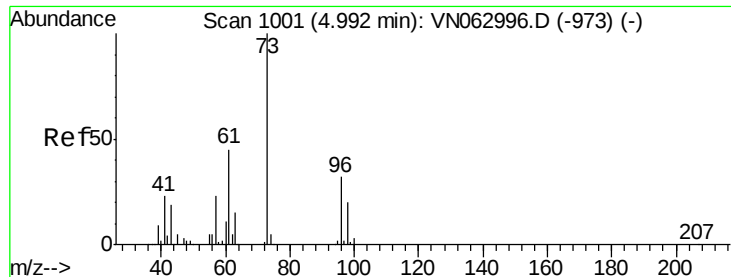
74 24.0 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-762) (-)

Ion 74.00 (73.70 to 74.70): VN062996.D (-762) (-)

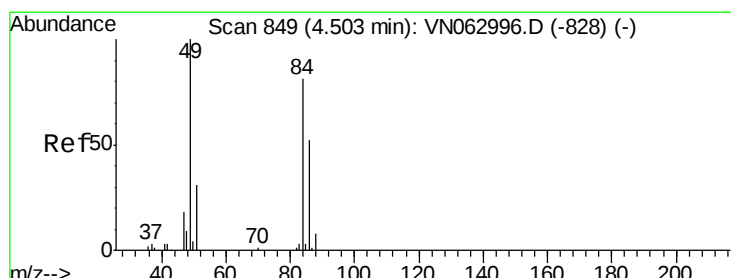
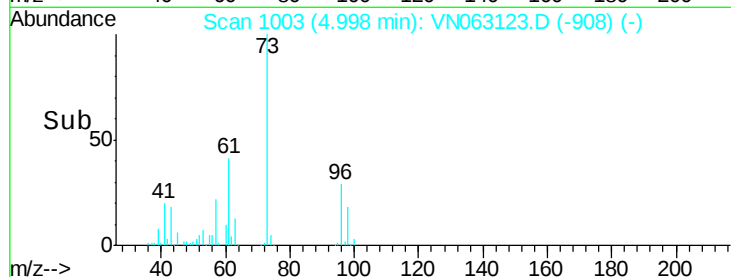
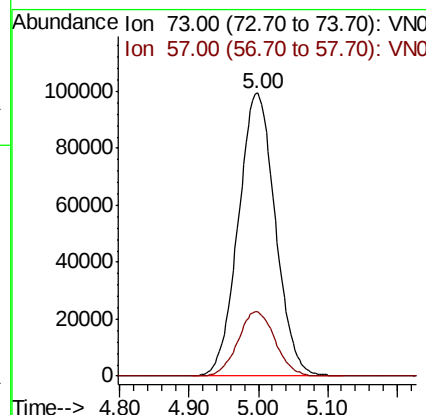
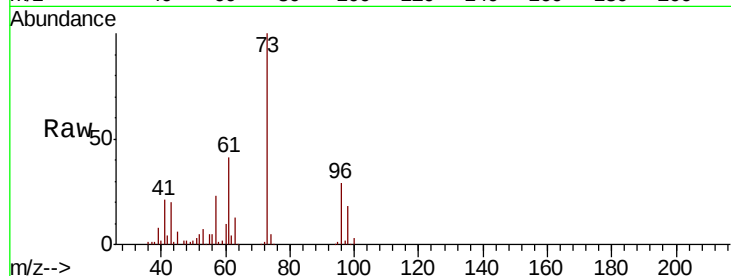




#19
Methvl tert-butvl Ether
Concen: 57.925 ug/l
RT: 5.00 min Scan# 1003
Delta R.T. 0.01 min
Lab File: VN063123.D
Acq: 25 Aug 2020 19:52

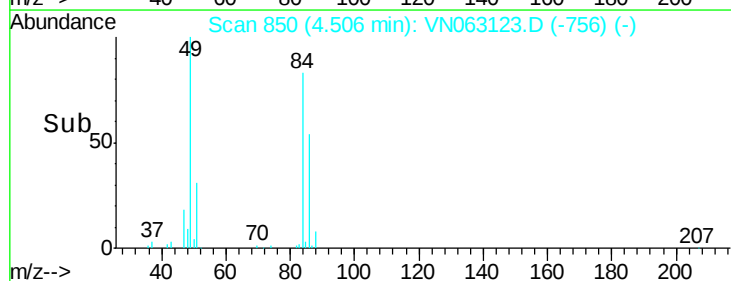
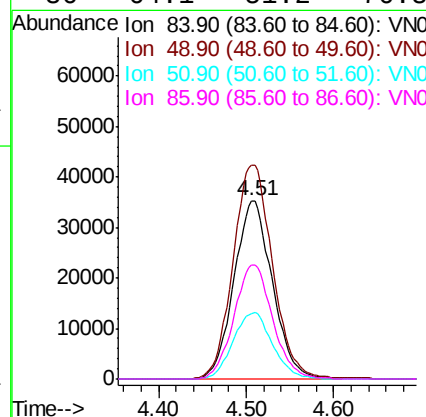
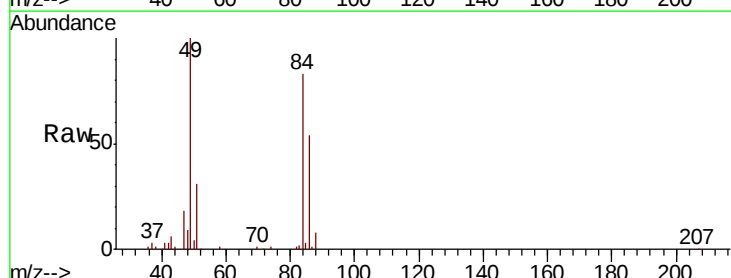
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-498-500MS

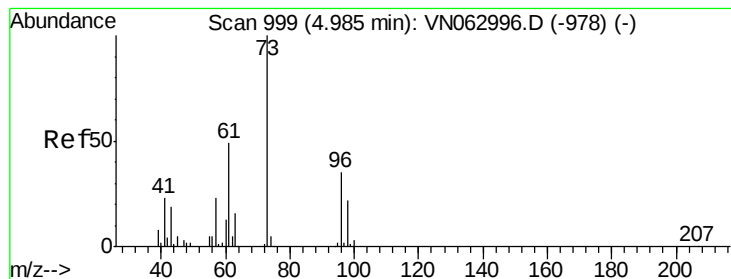
Tot Ion: 73 Resp: 369229
Ion Ratio Lower Upper
73 100
57 22.7 18.1 27.1



#20
Methylene Chloride
Concen: 47.894 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.00 min
Lab File: VN063123.D
Acq: 25 Aug 2020 19:52

Tgt Ion: 84 Resp: 107888
Ion Ratio Lower Upper
84 100
49 119.8 98.7 148.1
51 36.8 30.8 46.2
86 64.1 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 48.275 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VN063123.D

Acq: 25 Aug 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-498-500MS

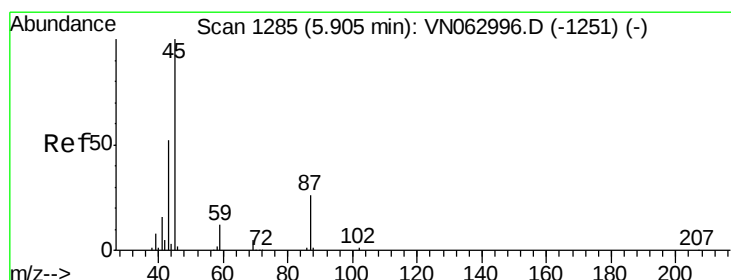
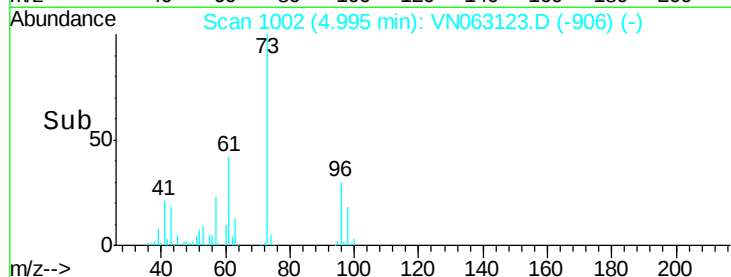
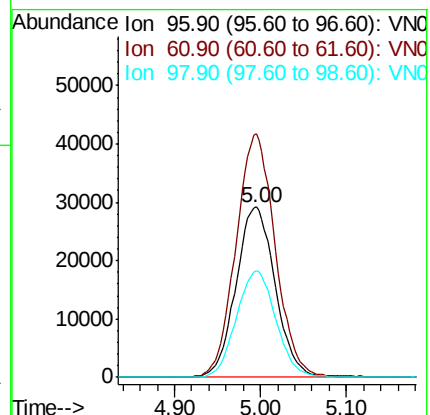
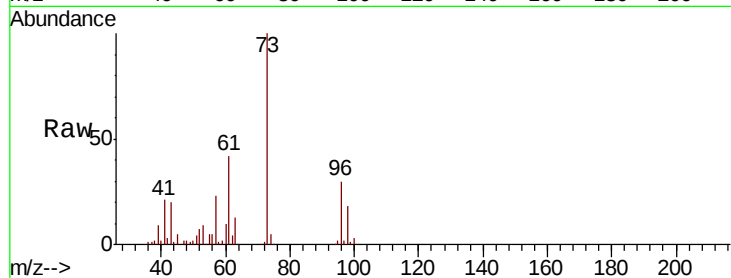
Tot Ion: 96 Resp: 92340

Ion Ratio Lower Upper

96 100

61 142.2 112.5 168.7

98 62.3 49.4 74.0



#22

Diisopropyl ether

Concen: 55.380 ug/l

RT: 5.91 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VN063123.D

Acq: 25 Aug 2020 19:52

Tgt Ion: 45 Resp: 405001

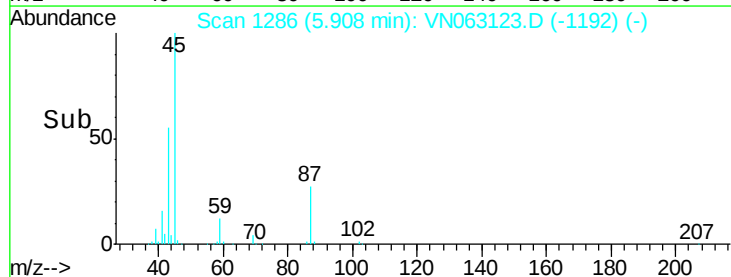
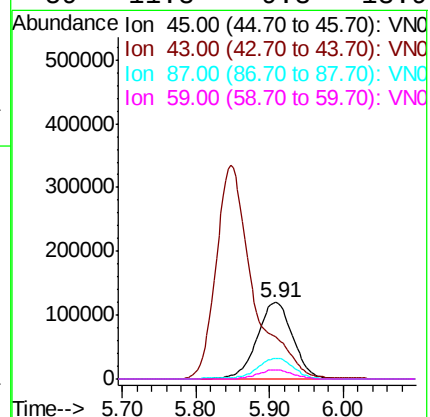
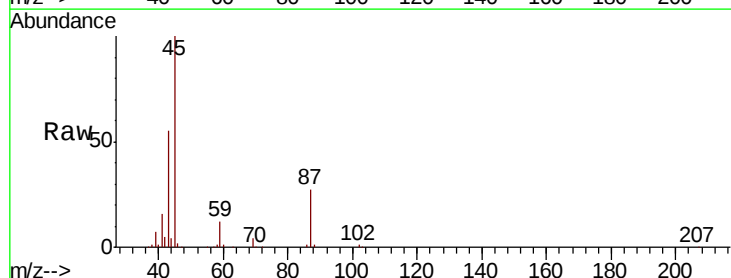
Ion Ratio Lower Upper

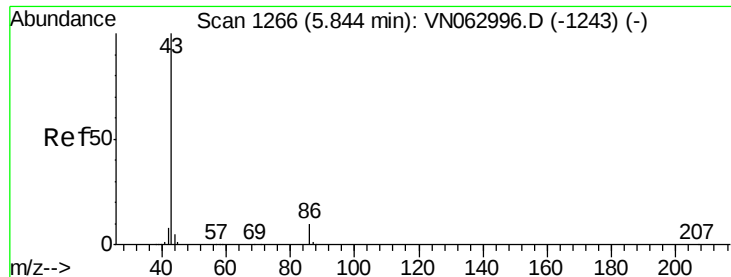
45 100

43 53.5 45.7 68.5

87 27.1 21.8 32.6

59 11.8 9.3 13.9

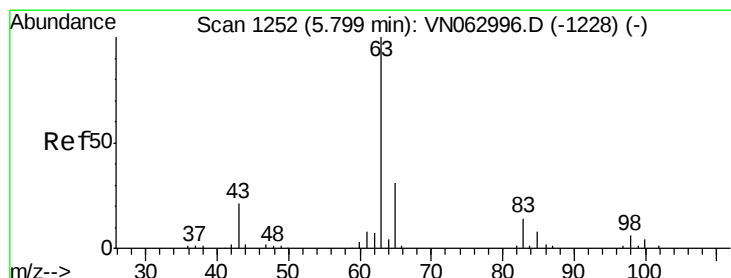
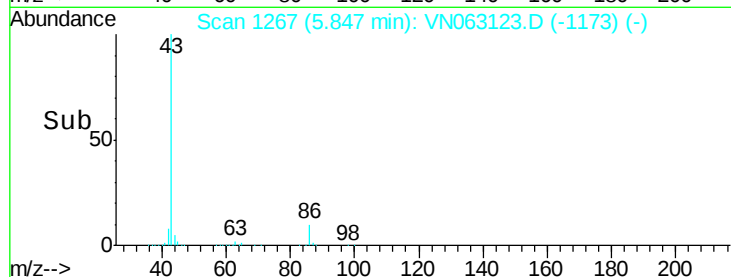
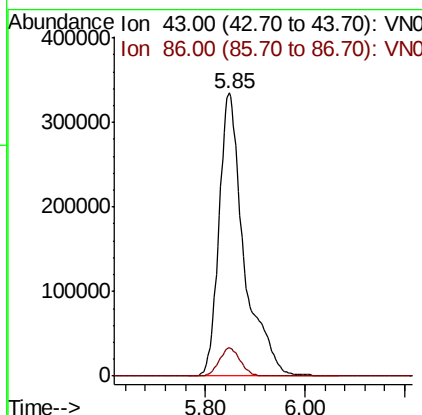
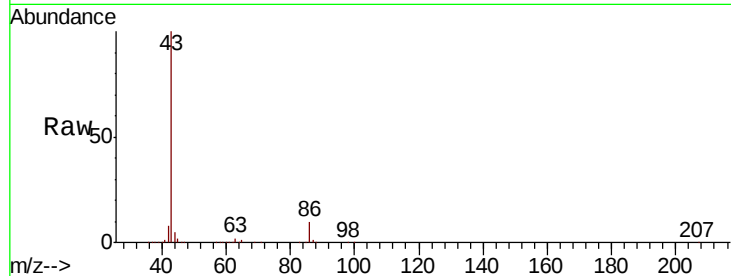




#23
 Vinyl Acetate
 Concen: 237.002 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: VN063123.D
 Acq: 25 Aug 2020 19:52

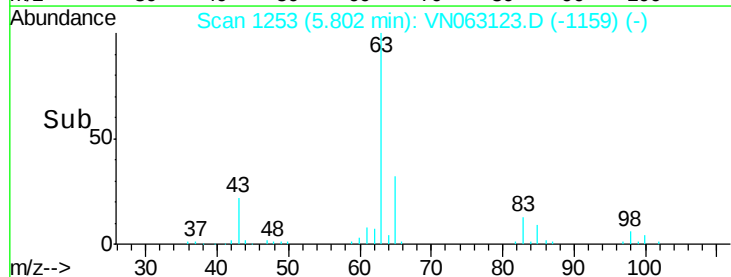
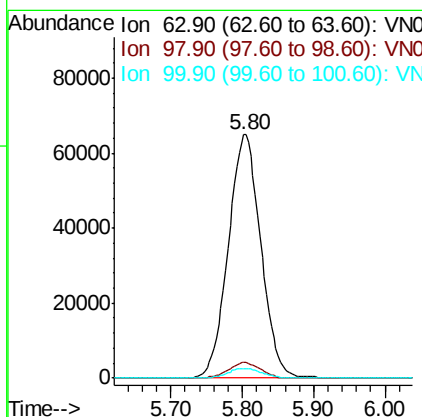
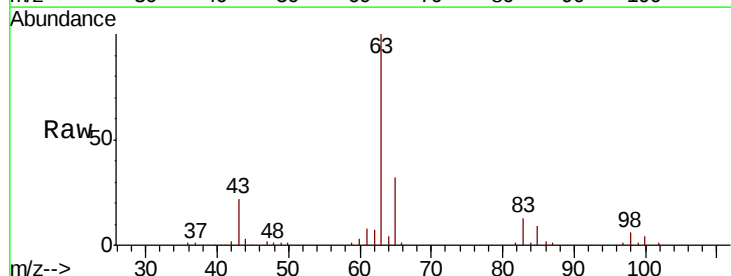
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-498-500MS

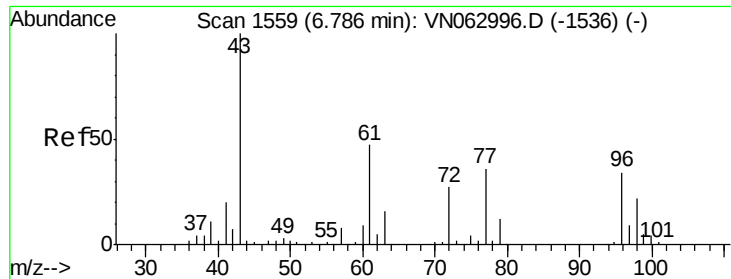
Tot Ion: 43 Resp: 1169603
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 50.507 ug/l
 RT: 5.80 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: VN063123.D
 Acq: 25 Aug 2020 19:52

Tgt Ion: 63 Resp: 206403
 Ion Ratio Lower Upper
 63 100
 98 6.5 2.9 8.7
 100 4.0 2.0 5.8





#25

2-Butanone

Concen: 265.991 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VN063123.D

Acq: 25 Aug 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

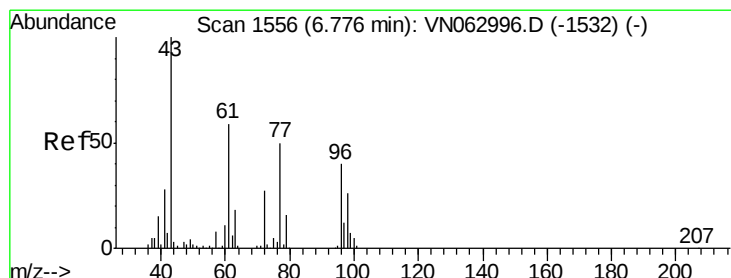
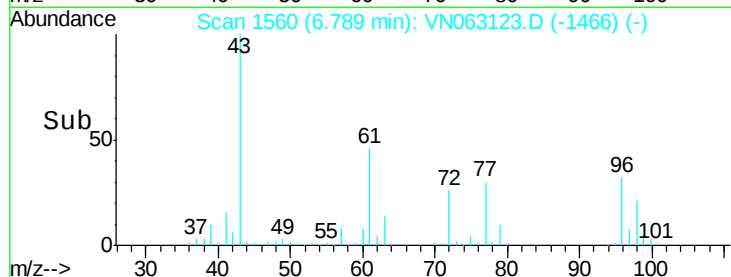
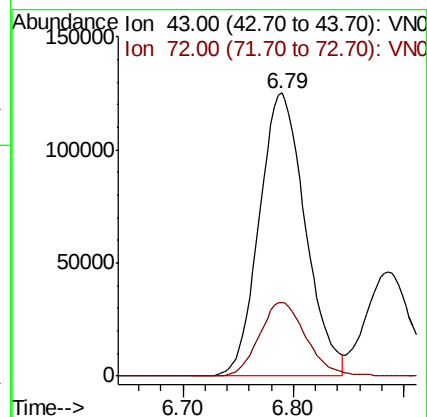
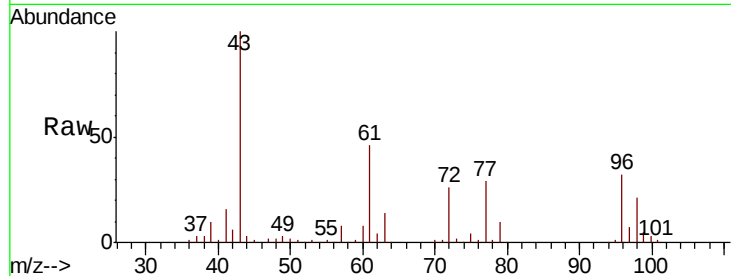
BP-VPB181-GW-498-500MS

Tot Ion: 43 Resp: 360383

Ion Ratio Lower Upper

43 100

72 26.1 21.8 32.6



#26

2,2-Dichloropropane

Concen: 41.281 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN063123.D

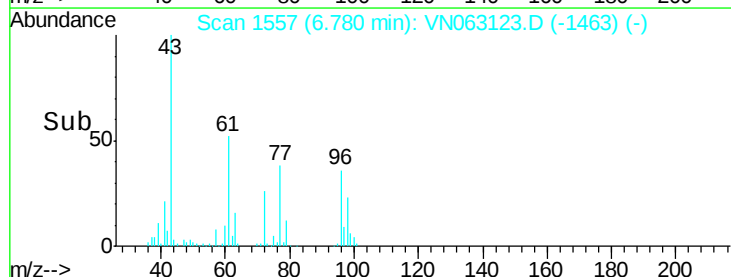
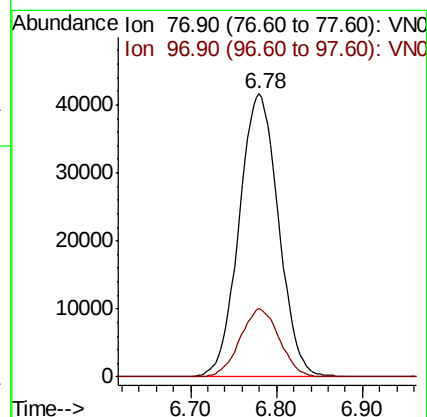
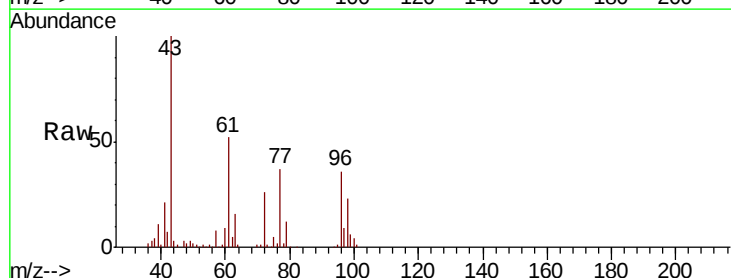
Acq: 25 Aug 2020 19:52

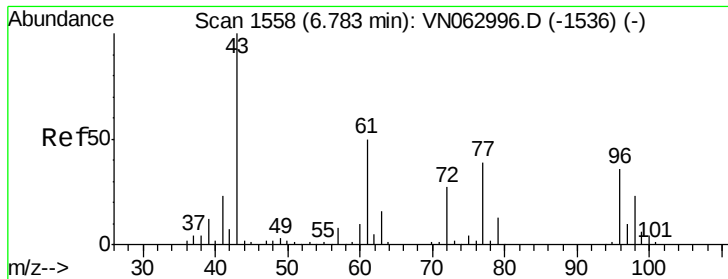
Tgt Ion: 77 Resp: 132671

Ion Ratio Lower Upper

77 100

97 23.9 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 50.144 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN063123.D

Acq: 25 Aug 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-498-500MS

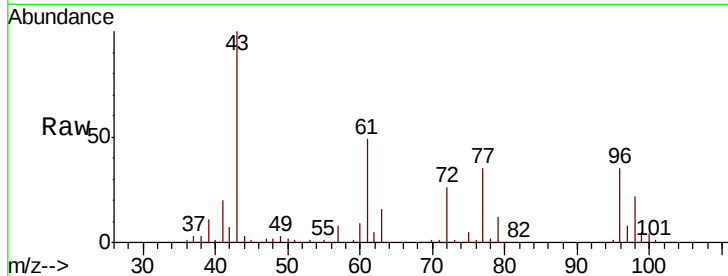
Tot Ion: 96 Resp: 120220

Ion Ratio Lower Upper

96 100

61 144.5 0.0 292.8

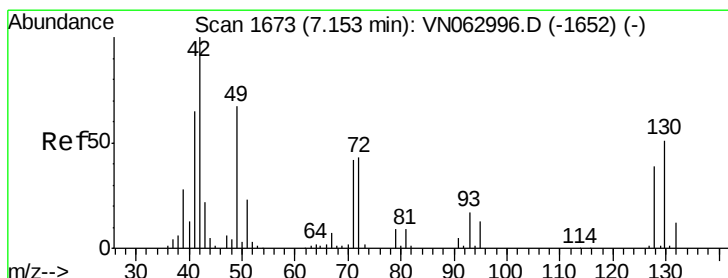
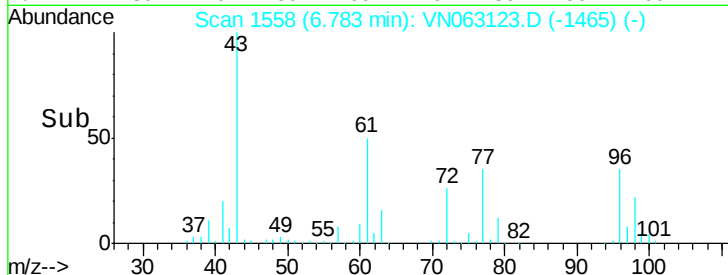
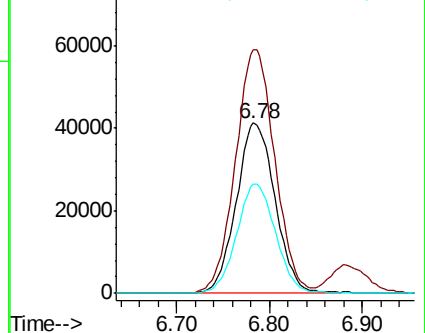
98 64.3 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN063123.D (-1465) (-)

Ion 60.90 (60.60 to 61.60): VN063123.D (-1465) (-)

Ion 97.90 (97.60 to 98.60): VN063123.D (-1465) (-)



#28

Bromochloromethane

Concen: 48.419 ug/l

RT: 7.15 min Scan# 1673

Delta R.T. 0.00 min

Lab File: VN063123.D

Acq: 25 Aug 2020 19:52

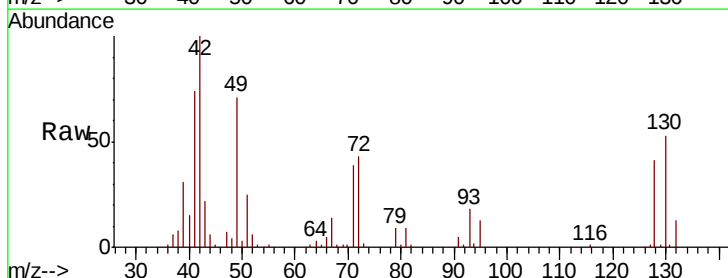
Tgt Ion: 49 Resp: 103532

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.6

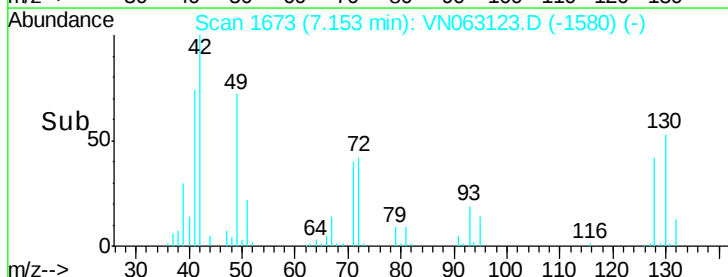
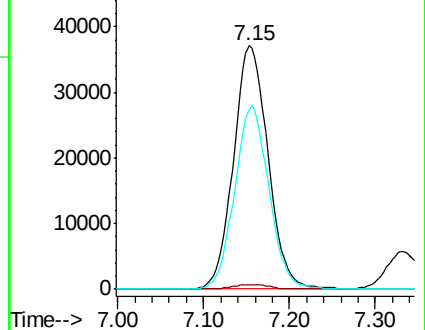
130 74.8 61.1 91.7

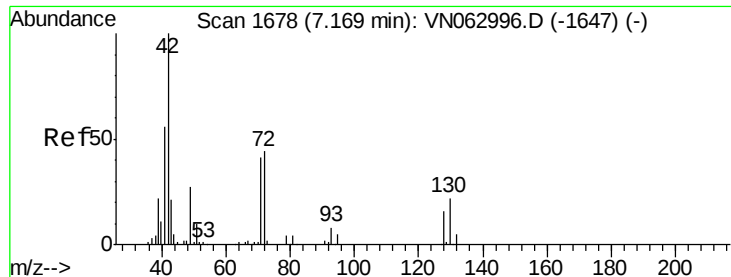


Abundance Ion 48.90 (48.60 to 49.60): VN063123.D (-1580) (-)

Ion 128.80 (128.50 to 129.50): VN063123.D (-1580) (-)

Ion 129.80 (129.50 to 130.50): VN063123.D (-1580) (-)

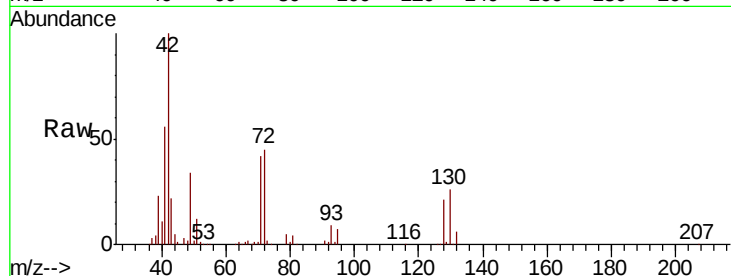




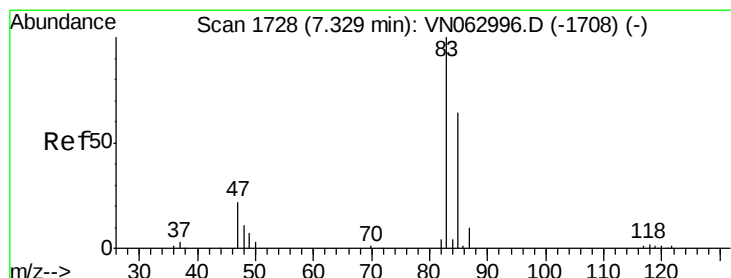
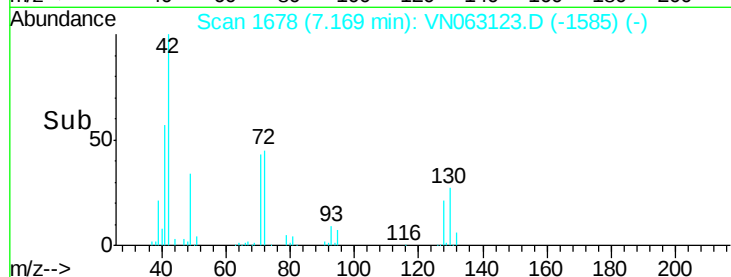
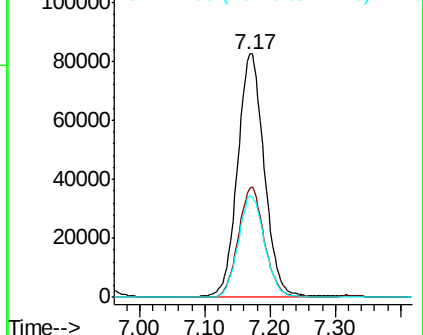
#29
Tetrahydrofuran
Concen: 269.907 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN063123.D
Acq: 25 Aug 2020 19:52

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-498-500MS

Tot Ion: 42 Resp: 236016
Ion Ratio Lower Upper
42 100
72 43.7 34.6 52.0
71 40.9 32.3 48.5

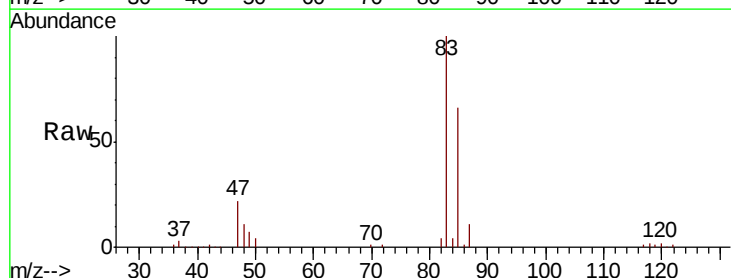


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

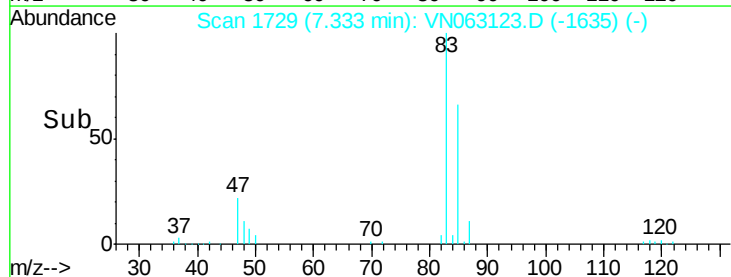
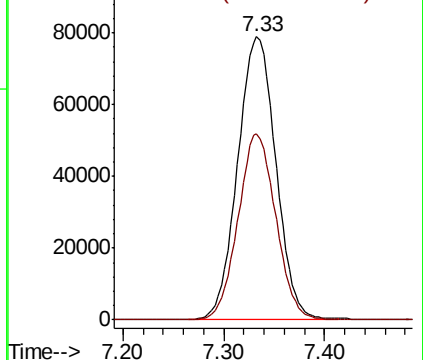


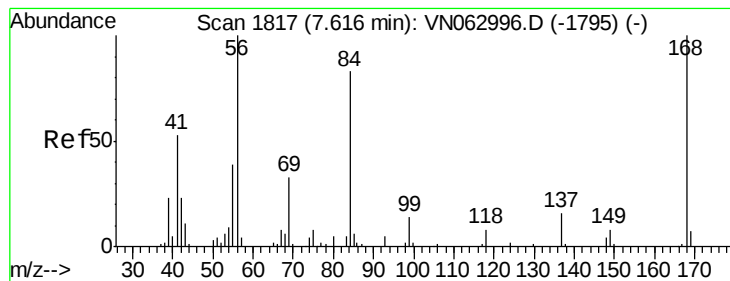
#30
Chloroform
Concen: 50.445 ug/l
RT: 7.33 min Scan# 1729
Delta R.T. 0.00 min
Lab File: VN063123.D
Acq: 25 Aug 2020 19:52

Tgt Ion: 83 Resp: 207620
Ion Ratio Lower Upper
83 100
85 65.9 51.5 77.3



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





#31

Cyclohexane

Concen: 41.761 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN063123.D

Acq: 25 Aug 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-498-500MS

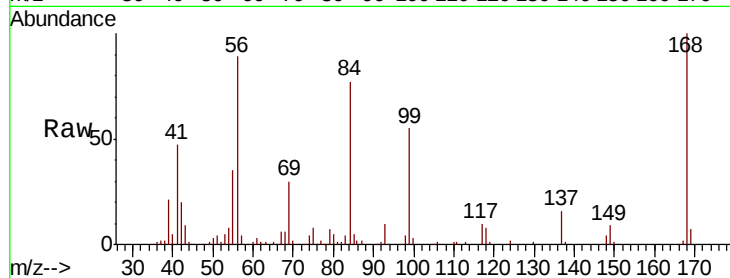
Tot Ion: 56 Resp: 157075

Ion Ratio Lower Upper

56 100

69 33.3 26.6 40.0

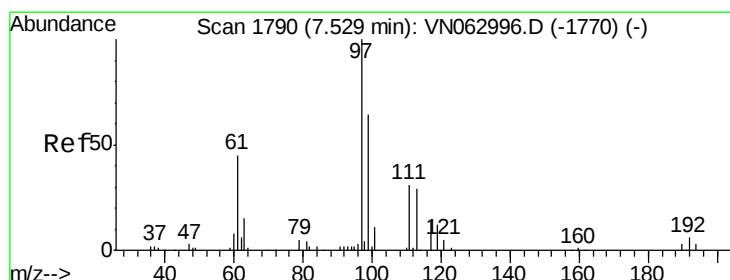
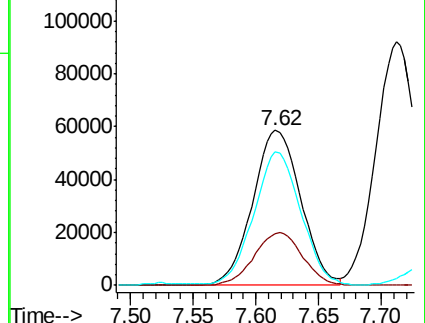
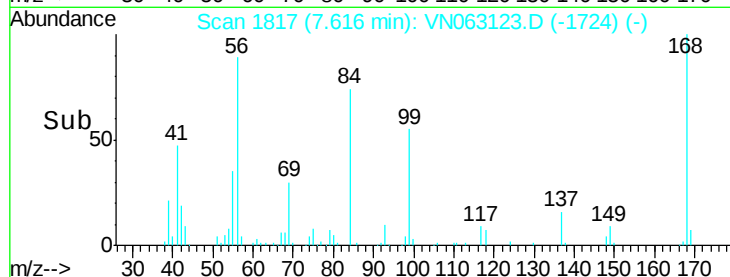
84 85.0 66.4 99.6



Abundance Ion 56.00 (55.70 to 56.70): VN063123.D (-1724) (-)

Ion 69.00 (68.70 to 69.70): VN063123.D (-1724) (-)

Ion 84.00 (83.70 to 84.70): VN063123.D (-1724) (-)



#32

1,1,1-Trichloroethane

Concen: 48.496 ug/l

RT: 7.53 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VN063123.D

Acq: 25 Aug 2020 19:52

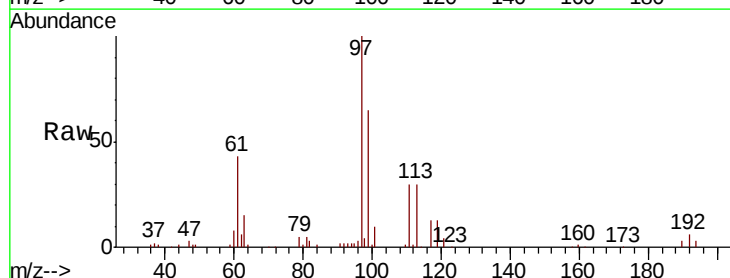
Tgt Ion: 97 Resp: 162951

Ion Ratio Lower Upper

97 100

99 65.0 52.0 78.0

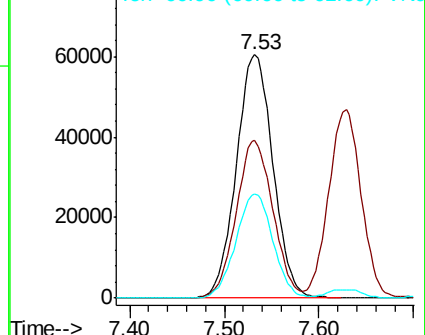
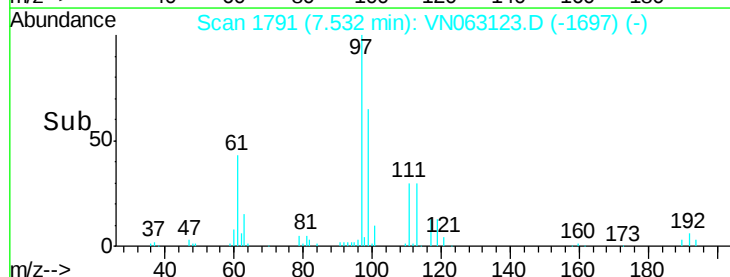
61 43.3 36.2 54.4



Abundance Ion 96.90 (96.60 to 97.60): VN063123.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN063123.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN063123.D (-1697) (-)





#33

1,2-Dichloroethane-d4

Concen: 52.794 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN063123.D

Acq: 25 Aug 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

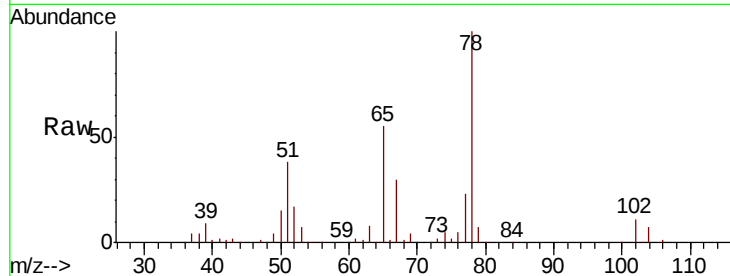
BP-VPB181-GW-498-500MS

Tot Ion: 65 Resp: 134731

Ion Ratio Lower Upper

65 100

67 54.9 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN063123.D (-1840) (-)

Ion 66.90 (66.60 to 67.60): VN063123.D (-1840) (-)

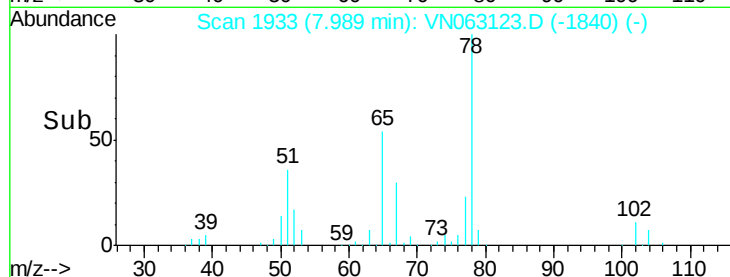
60000

40000

20000

0

Time-->

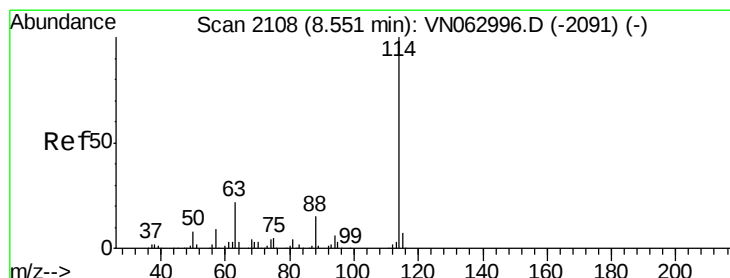


7.99

7.95

8.00

8.05



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN063123.D

Acq: 25 Aug 2020 19:52

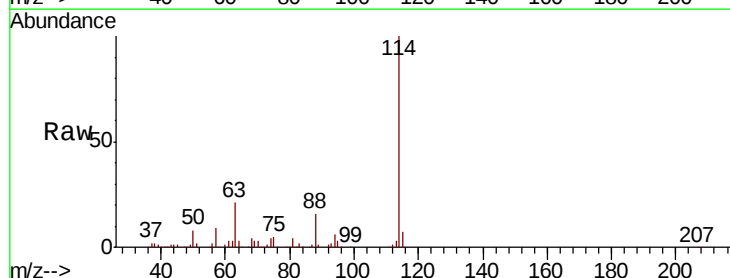
Tgt Ion: 114 Resp: 338488

Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.2

88 16.0 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): VN063123.D (-2015) (-)

Ion 63.00 (62.70 to 63.70): VN063123.D (-2015) (-)

Ion 87.90 (87.60 to 88.60): VN063123.D (-2015) (-)

200000

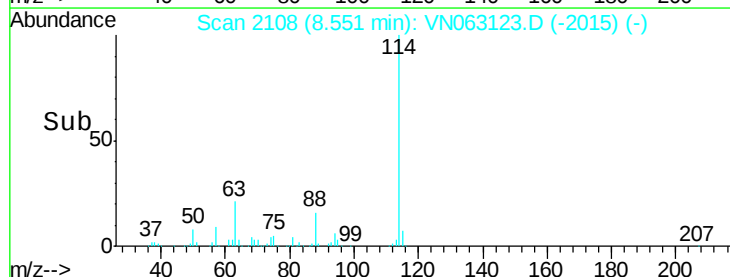
150000

100000

50000

0

Time-->

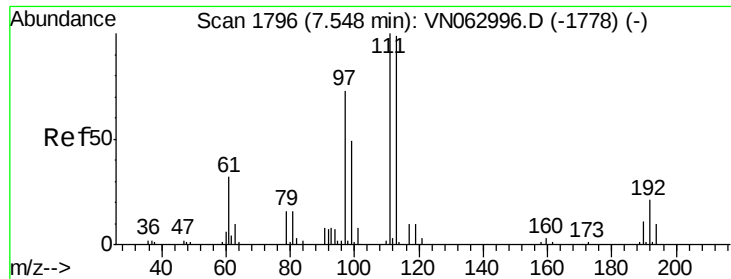


8.55

8.50

8.60

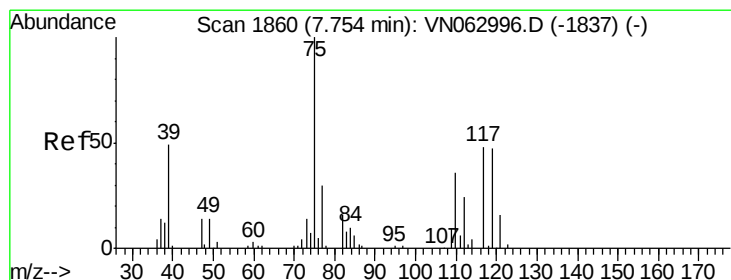
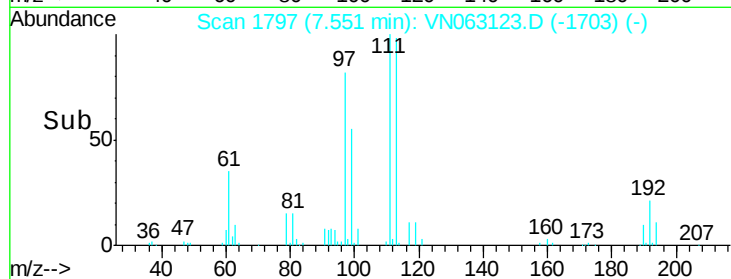
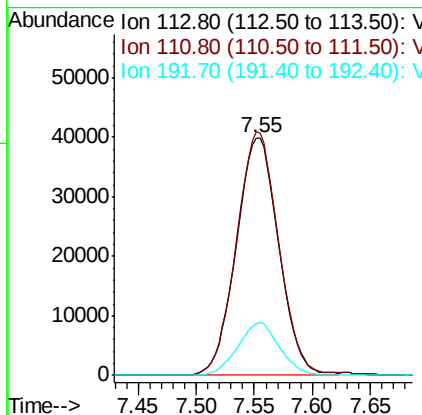
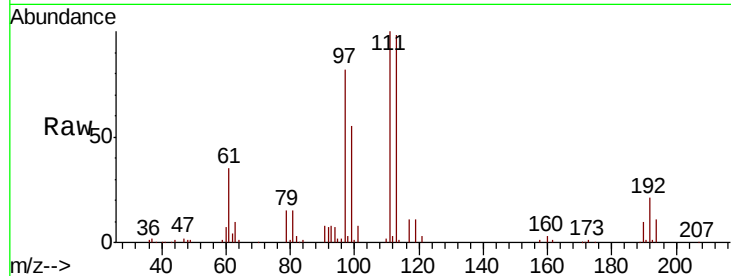
8.70



#35
 Dibromofluoromethane
 Concen: 46.104 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN063123.D
 Acq: 25 Aug 2020 19:52

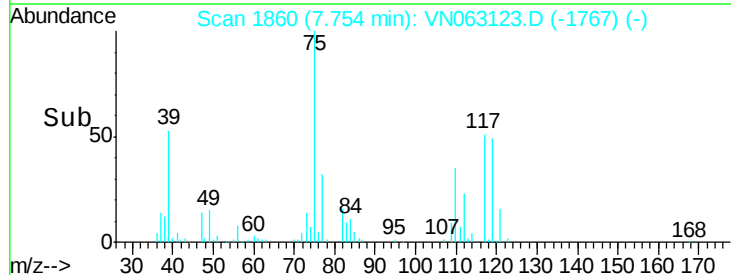
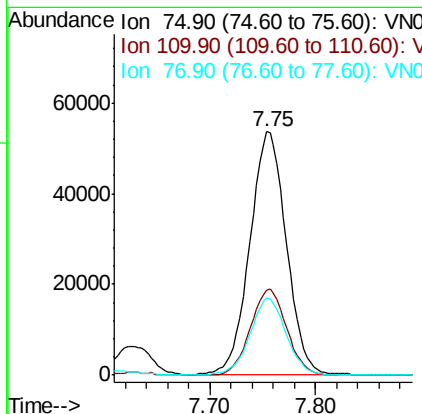
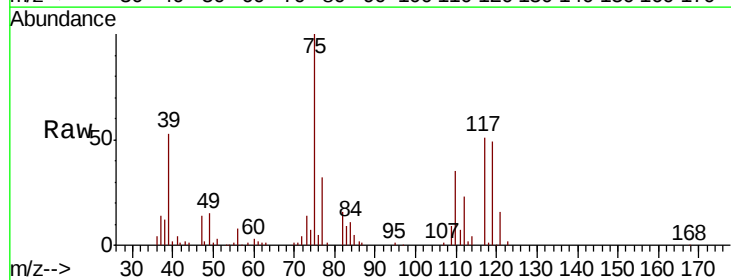
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-498-500MS

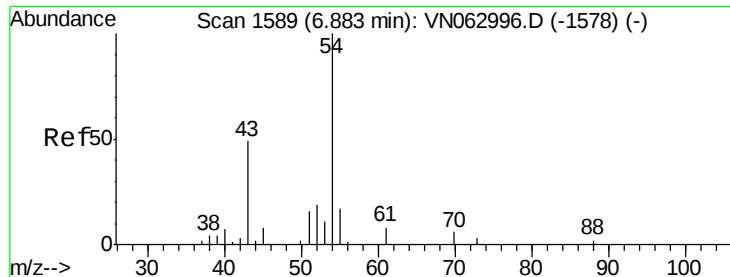
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.7	122.5
192	21.7	17.5	26.3



#36
 1,1-Dichloropropene
 Concen: 43.467 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN063123.D
 Acq: 25 Aug 2020 19:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.8	17.5	52.6
77	31.2	24.2	36.4

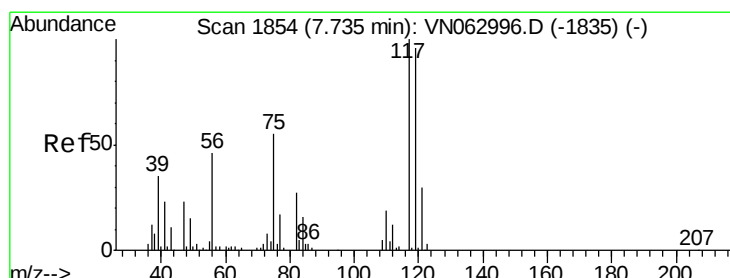
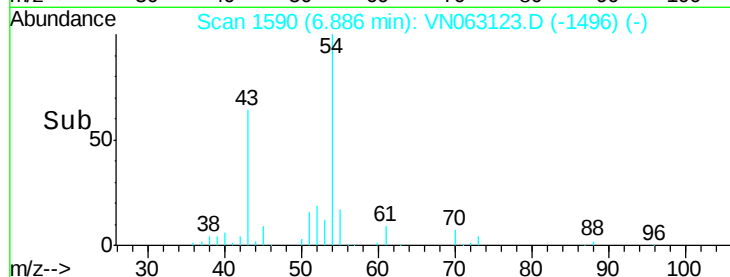
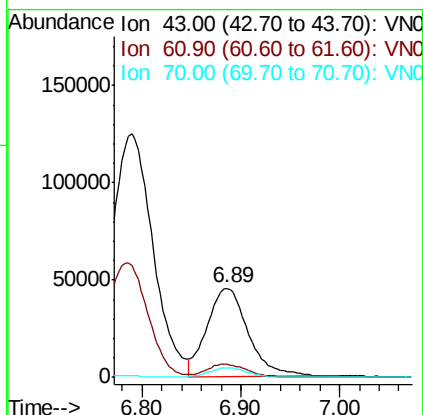
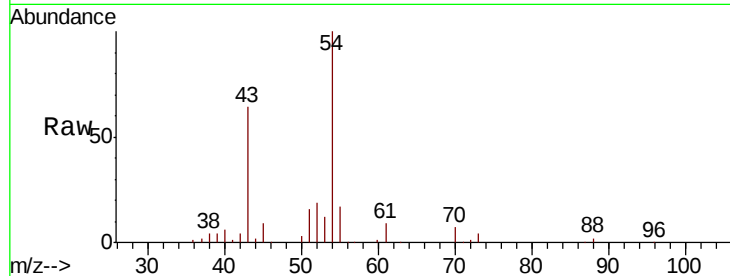




#37
Ethyl Acetate
Concen: 47.202 ug/l
RT: 6.89 min Scan# 1590
Delta R.T. 0.00 min
Lab File: VN063123.D
Acq: 25 Aug 2020 19:52

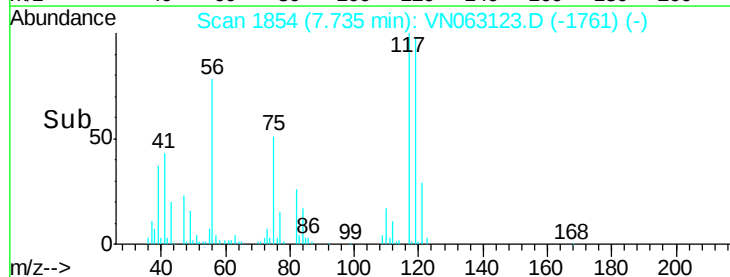
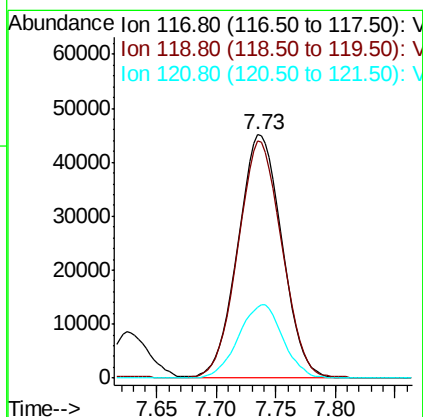
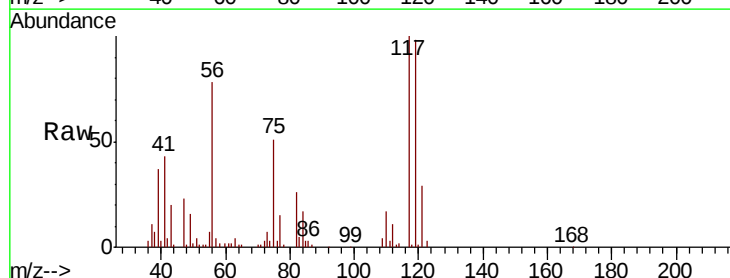
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-498-500MS

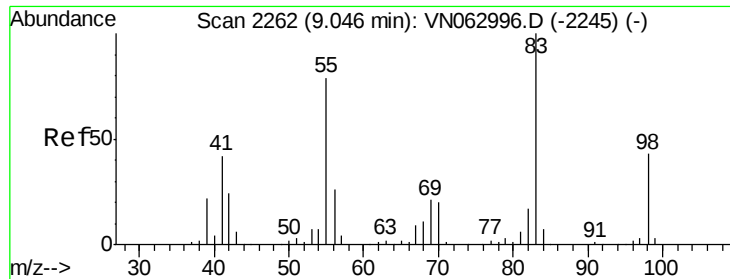
Tot Ion: 43 Resp: 131932
Ion Ratio Lower Upper
43 100
61 15.1 11.8 17.8
70 10.5 8.2 12.2



#38
Carbon Tetrachloride
Concen: 38.153 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN063123.D
Acq: 25 Aug 2020 19:52

Tgt Ion: 117 Resp: 114898
Ion Ratio Lower Upper
117 100
119 97.6 76.2 114.4
121 29.2 24.2 36.2

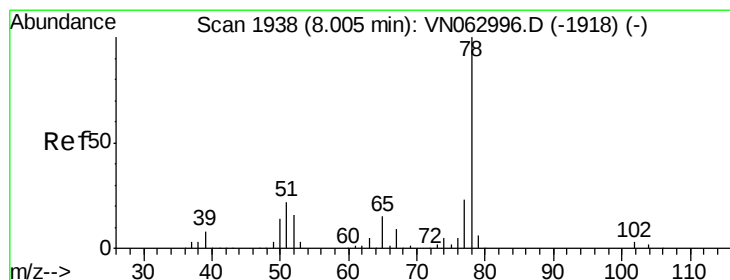
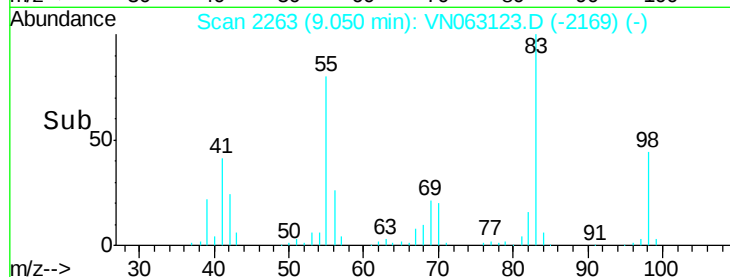
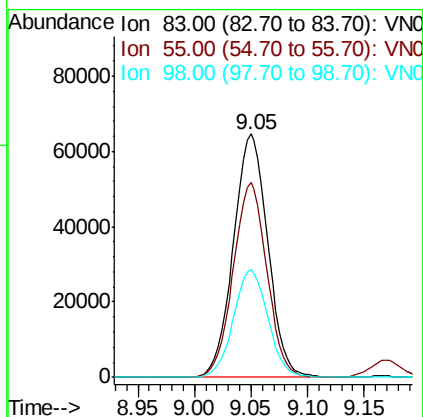
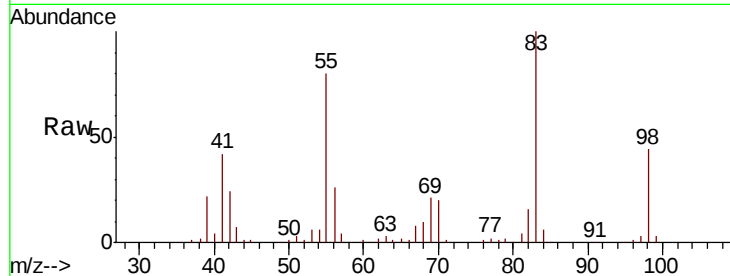




#39
Methvlcvclohexane
Concen: 34.488 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VN063123.D
Acq: 25 Aug 2020 19:52

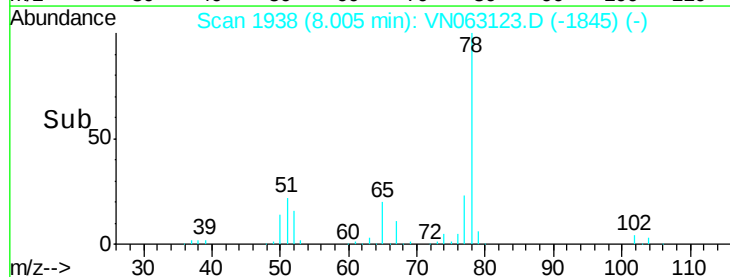
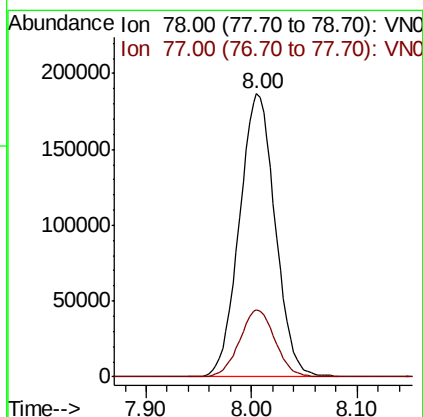
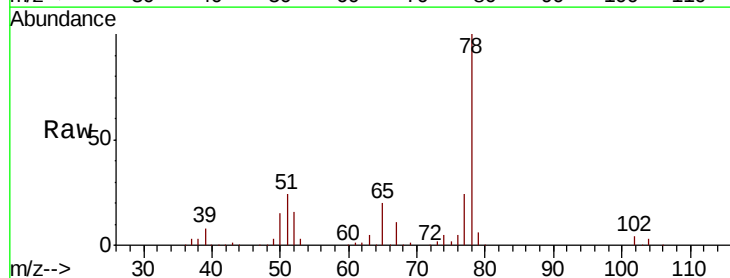
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-498-500MS

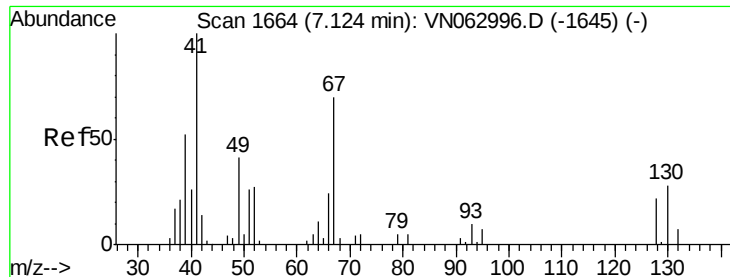
Tot Ion: 83 Resp: 136875
Ion Ratio Lower Upper
83 100
55 80.2 63.3 94.9
98 44.4 34.2 51.4



#40
Benzene
Concen: 46.602 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN063123.D
Acq: 25 Aug 2020 19:52

Tgt Ion: 78 Resp: 440894
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2

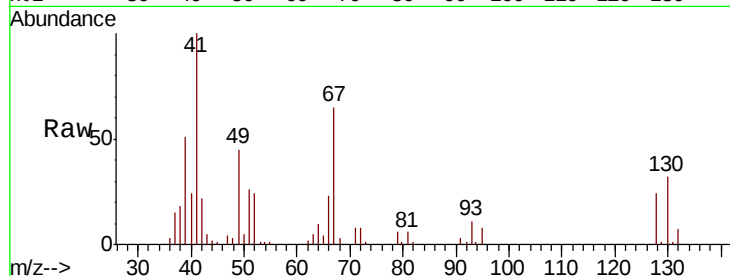




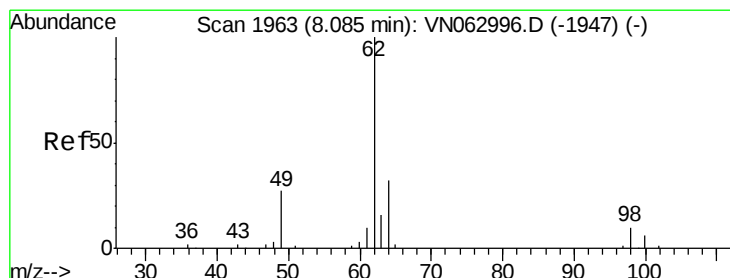
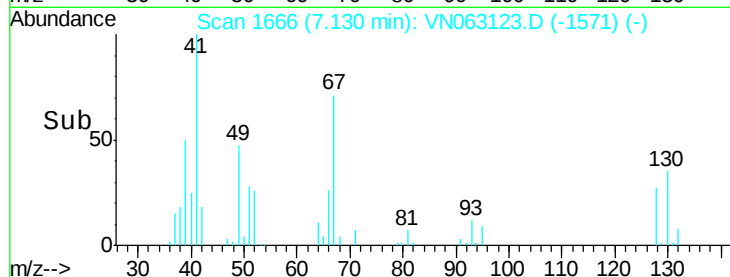
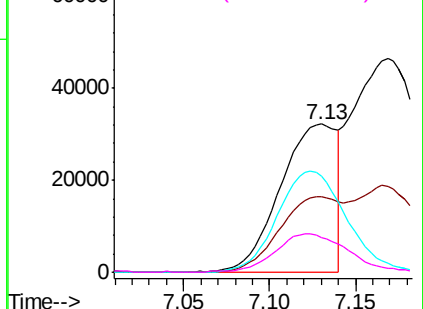
#41
Methacrylonitrile
Concen: 55.444 ug/l
RT: 7.13 min Scan# 1666
Delta R.T. 0.01 min
Lab File: VN063123.D
Acq: 25 Aug 2020 19:52

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-498-500MS

Tot Ion:	41	Resp:	73835
Ion	Ratio	Lower	Upper
41	100		
39	55.2	41.6	62.4
67	83.6	71.8	107.8
52	33.4	28.2	42.4

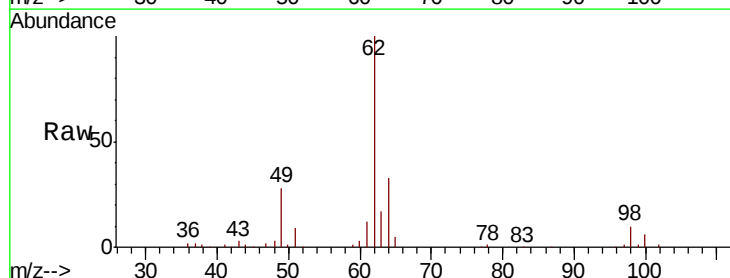


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

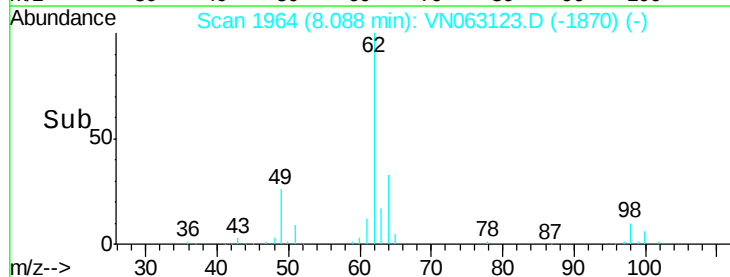
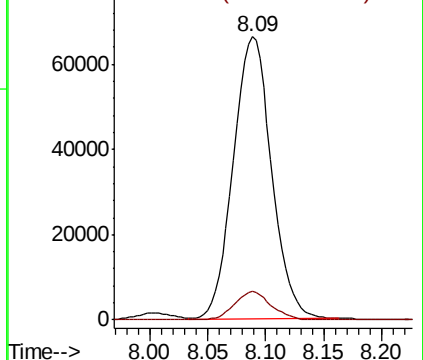


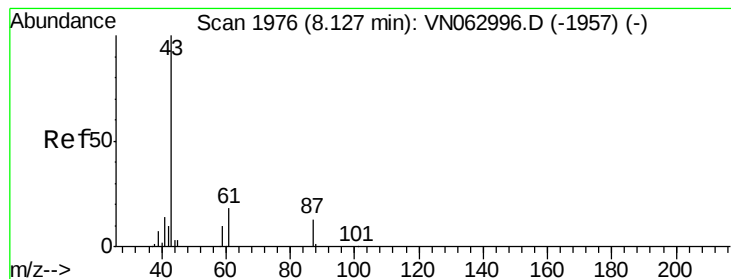
#42
1,2-Dichloroethane
Concen: 48.036 ug/l
RT: 8.09 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VN063123.D
Acq: 25 Aug 2020 19:52

Tgt Ion:	62	Resp:	152595
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.4



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





#43

Isopropyl Acetate

Concen: 50.204 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN063123.D

Acq: 25 Aug 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-498-500MS

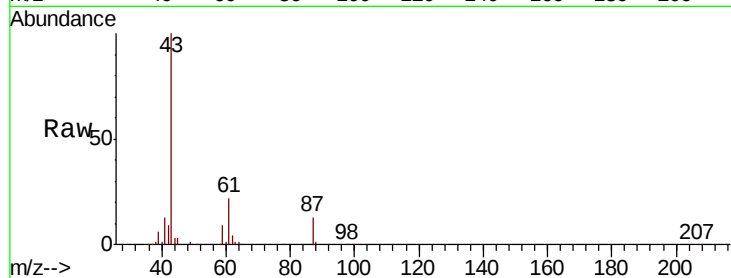
Tot Ion: 43 Resp: 232472

Ion Ratio Lower Upper

43 100

61 28.7 22.6 33.8

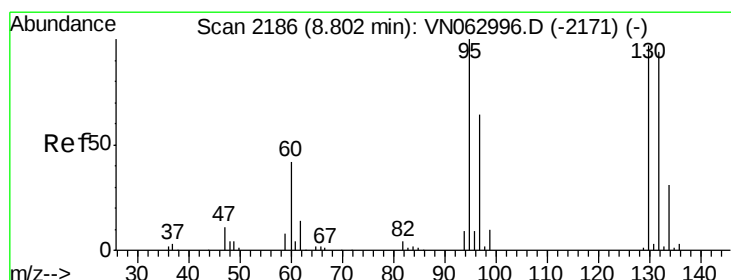
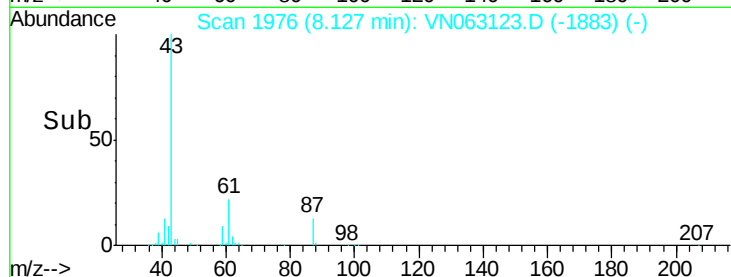
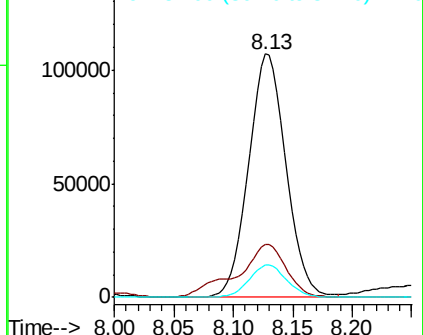
87 13.4 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VN063123.D (-1883) (-)

Ion 61.00 (60.70 to 61.70): VN063123.D (-1883) (-)

Ion 87.00 (86.70 to 87.70): VN063123.D (-1883) (-)



#44

Trichloroethene

Concen: 55.955 ug/l

RT: 8.81 min Scan# 2187

Delta R.T. 0.00 min

Lab File: VN063123.D

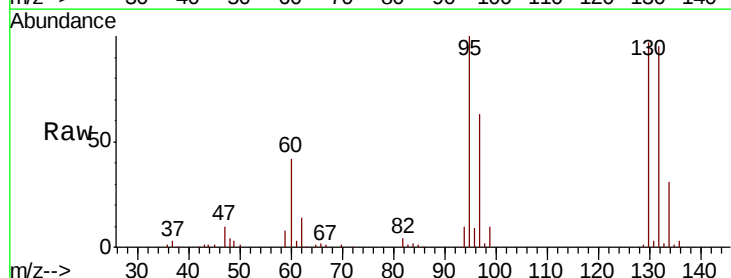
Acq: 25 Aug 2020 19:52

Tgt Ion: 130 Resp: 131680

Ion Ratio Lower Upper

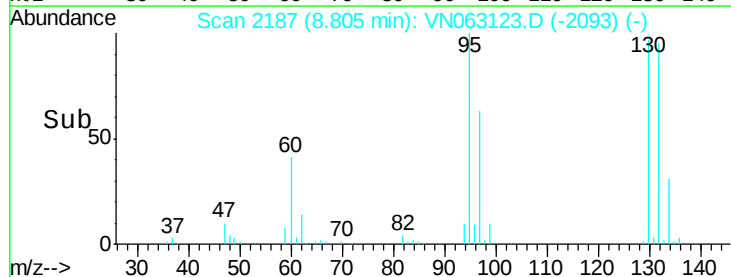
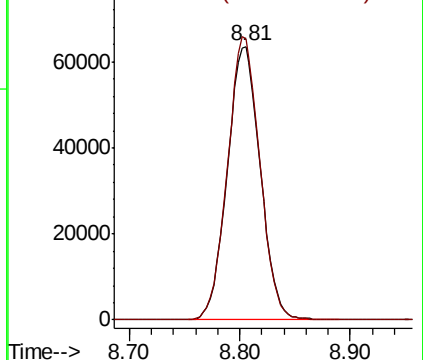
130 100

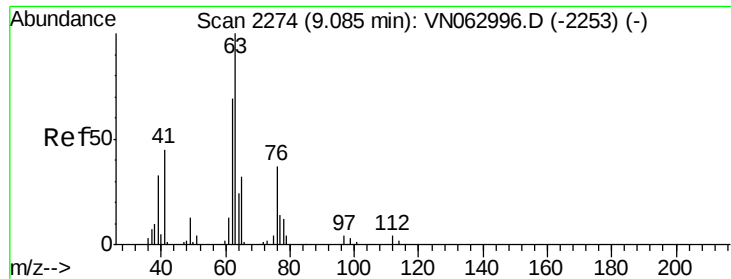
95 102.9 0.0 205.6



Abundance Ion 129.80 (129.50 to 130.50): VN063123.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN063123.D (-2093) (-)

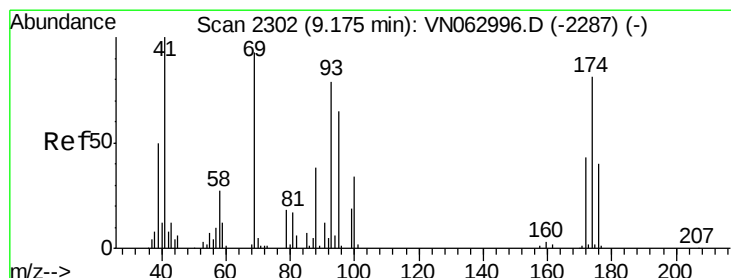
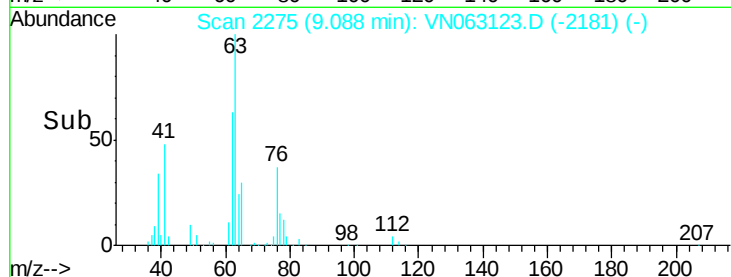
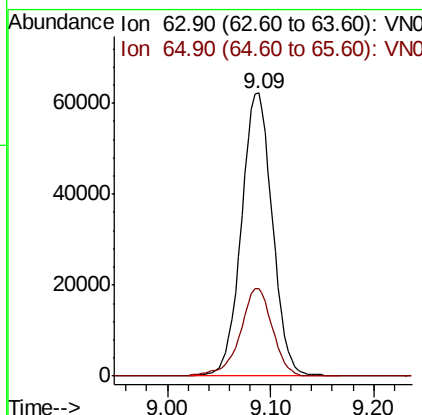
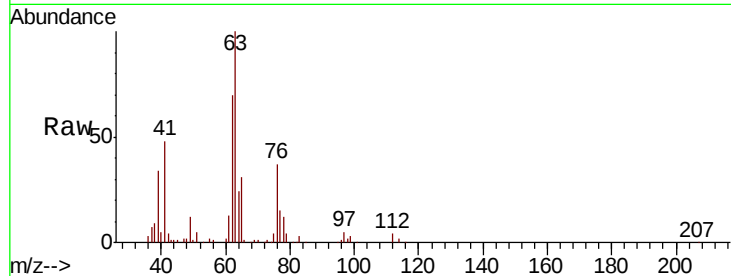




#45
 1,2-Dichloropropane
 Concen: 47.531 ug/l
 RT: 9.09 min Scan# 2275
 Delta R.T. 0.00 min
 Lab File: VN063123.D
 Acq: 25 Aug 2020 19:52

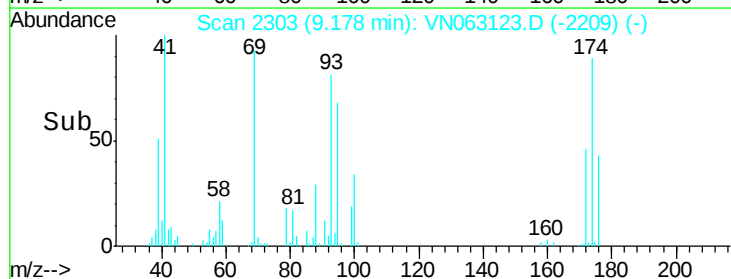
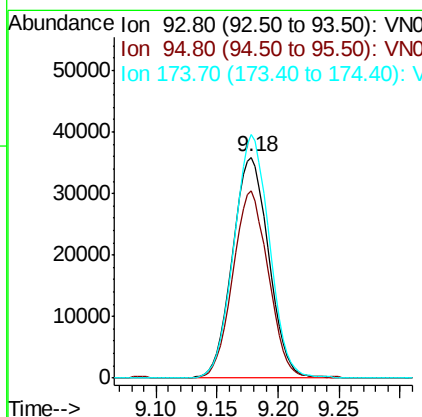
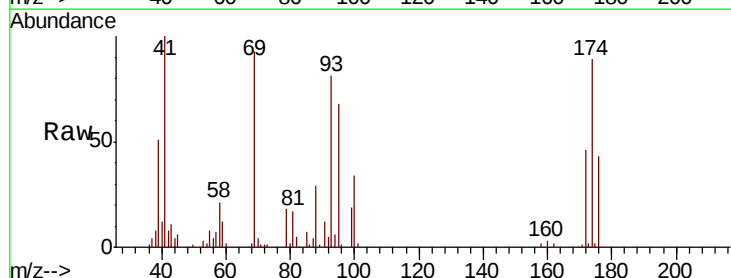
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-498-500MS

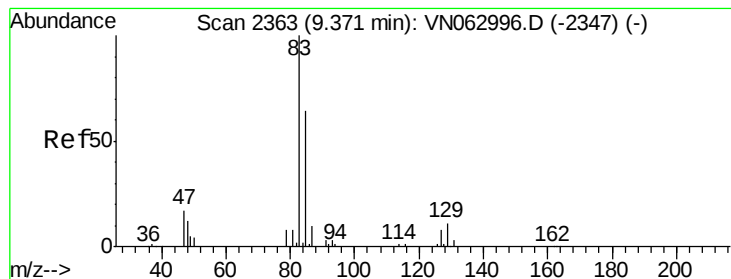
Tot Ion: 63 Resp: 129985
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.6 38.4



#46
 Dibromomethane
 Concen: 46.932 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. 0.00 min
 Lab File: VN063123.D
 Acq: 25 Aug 2020 19:52

Tgt Ion: 93 Resp: 74145
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.2 99.4
 174 107.6 84.6 127.0





#47

Bromodichloromethane

Concen: 45.513 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN063123.D

Acq: 25 Aug 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-498-500MS

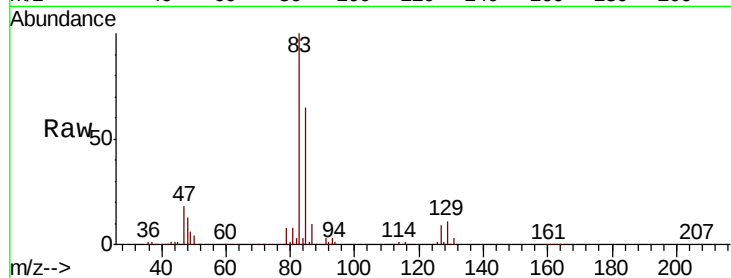
Tot Ion: 83 Resp: 157484

Ion Ratio Lower Upper

83 100

85 64.7 51.1 76.7

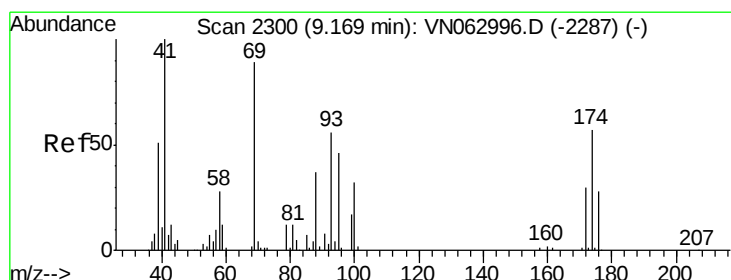
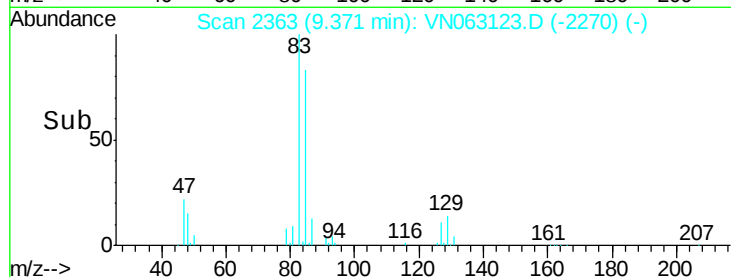
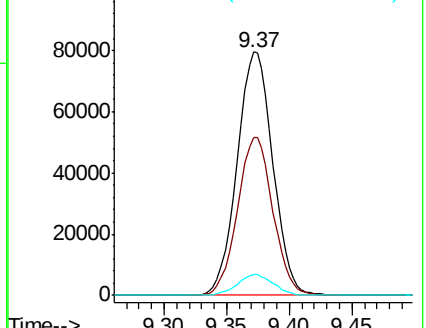
127 8.7 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN063123.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN063123.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN063123.D (-2270) (-)



#48

Methyl methacrylate

Concen: 53.398 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN063123.D

Acq: 25 Aug 2020 19:52

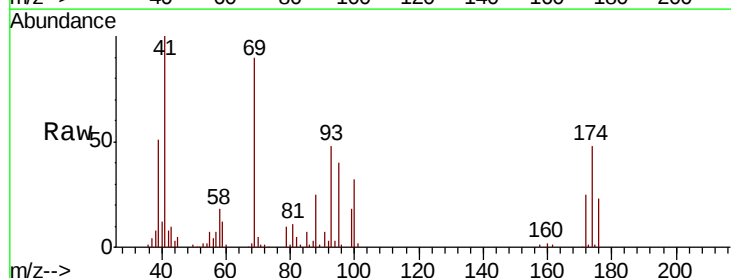
Tgt Ion: 41 Resp: 116992

Ion Ratio Lower Upper

41 100

69 89.2 74.2 111.4

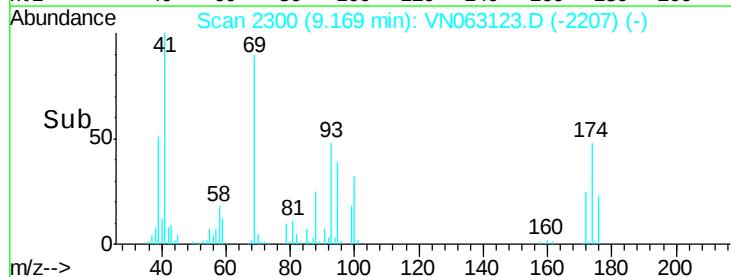
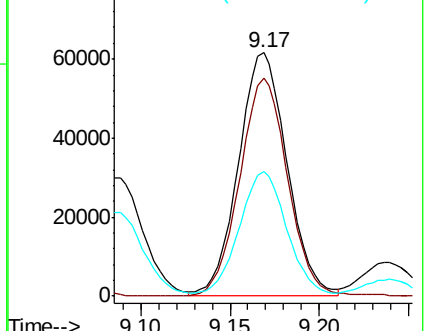
39 50.6 42.5 63.7

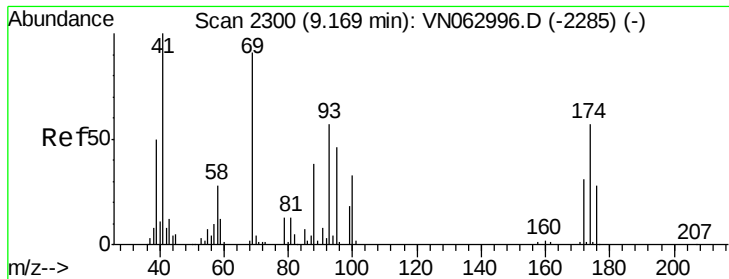


Abundance Ion 41.00 (40.70 to 41.70): VN063123.D (-2207) (-)

Ion 69.00 (68.70 to 69.70): VN063123.D (-2207) (-)

Ion 39.00 (38.70 to 39.70): VN063123.D (-2207) (-)

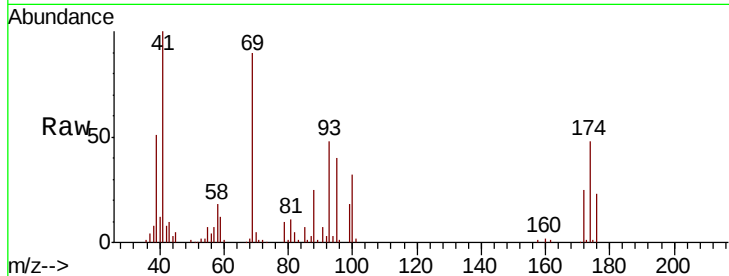




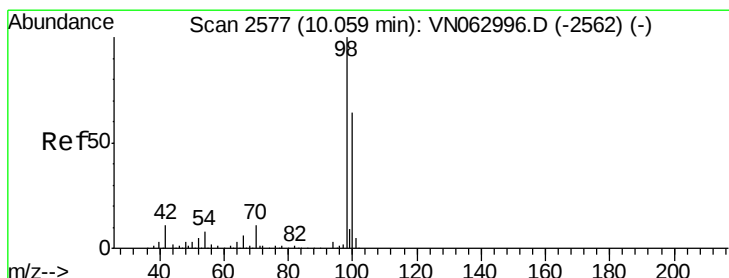
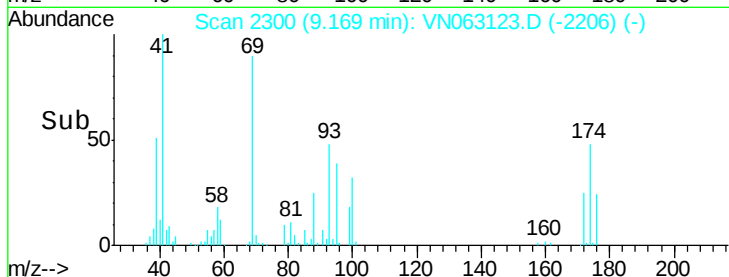
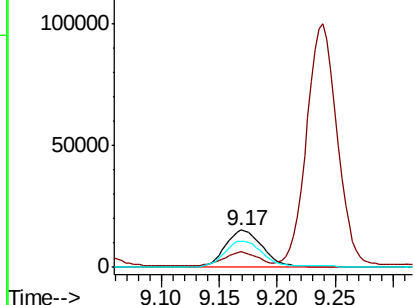
#49
 1,4-Dioxane
 Concen: 721.179 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: VN063123.D
 Acq: 25 Aug 2020 19:52

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-498-500MS

Tot Ion: 88 Resp: 34561
 Ion Ratio Lower Upper
 88 100
 43 32.4 25.2 37.8
 58 72.3 56.7 85.1

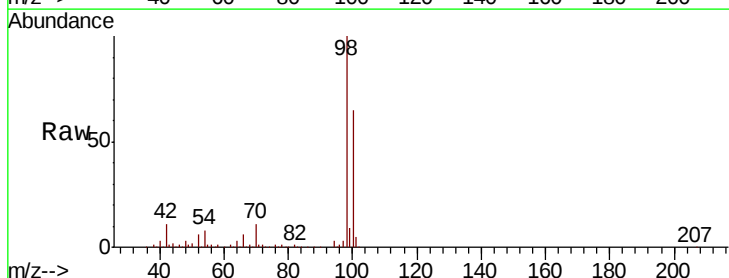


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

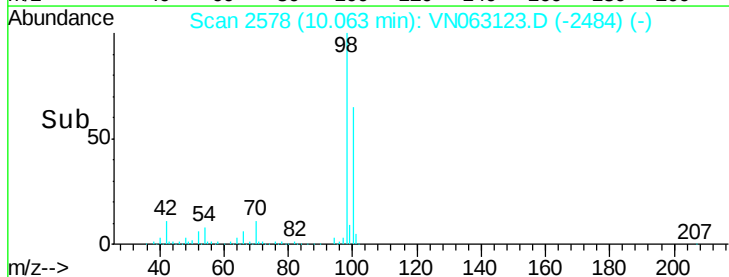
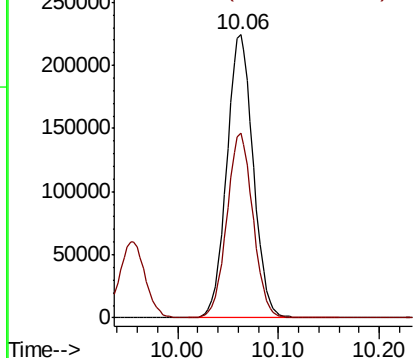


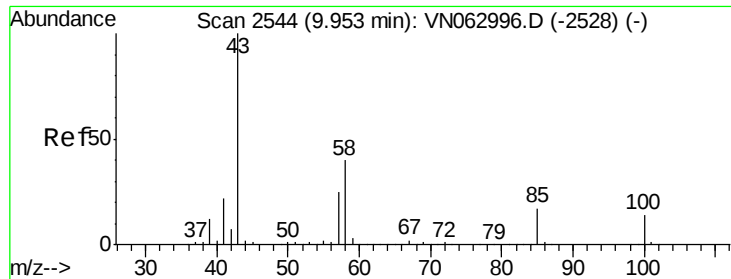
#50
 Toluene-d8
 Concen: 48.316 ug/l
 RT: 10.06 min Scan# 2578
 Delta R.T. 0.00 min
 Lab File: VN063123.D
 Acq: 25 Aug 2020 19:52

Tgt Ion: 98 Resp: 409320
 Ion Ratio Lower Upper
 98 100
 100 64.4 51.2 76.8



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





#51

4-Methyl-2-Pentanone

Concen: 257.667 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN063123.D

Acq: 25 Aug 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

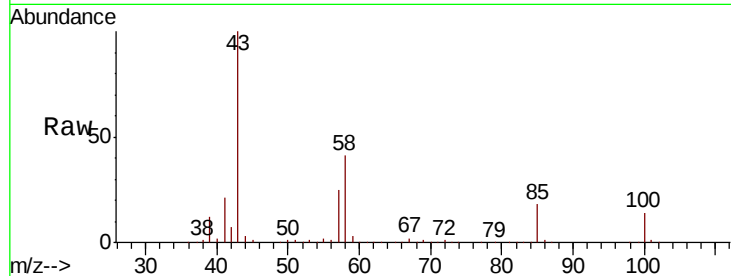
BP-VPB181-GW-498-500MS

Tot Ion: 43 Resp: 754166

Ion Ratio Lower Upper

43 100

58 40.4 32.2 48.2



Abundance Ion 43.00 (42.70 to 43.70): VN063123.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN063123.D (-2528) (-)

9.95

400000

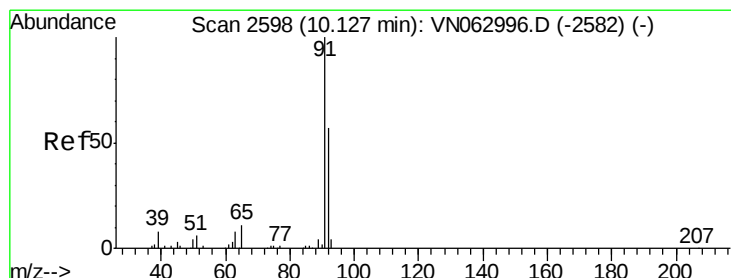
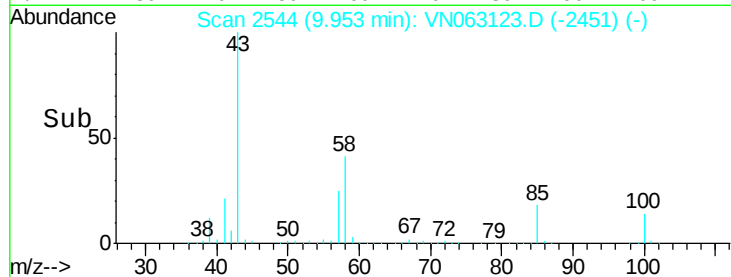
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 47.039 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN063123.D

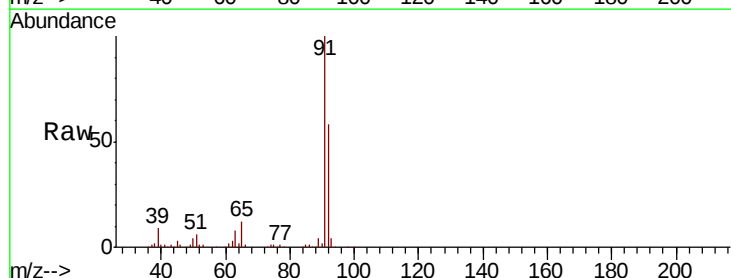
Acq: 25 Aug 2020 19:52

Tgt Ion: 92 Resp: 268456

Ion Ratio Lower Upper

92 100

91 174.6 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VN063123.D (-2505) (-)

Ion 91.00 (90.70 to 91.70): VN063123.D (-2505) (-)

10.13

300000

250000

200000

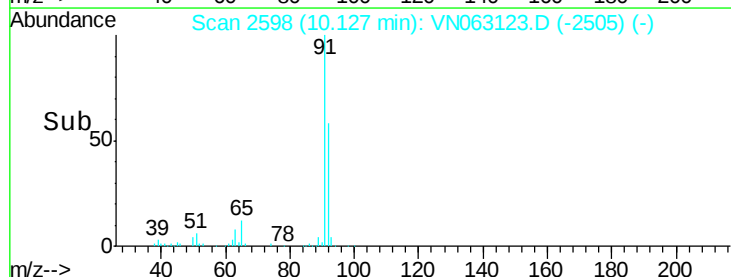
150000

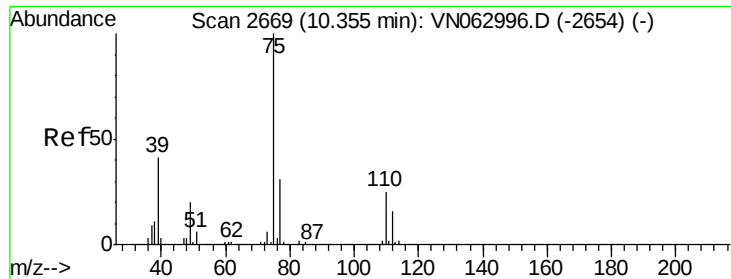
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 45.906 ug/l

RT: 10.36 min Scan# 2669

Delta R.T. 0.00 min

Lab File: VN063123.D

Acq: 25 Aug 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

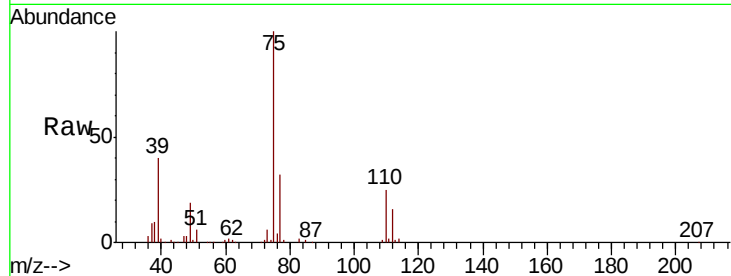
BP-VPB181-GW-498-500MS

Tot Ion: 75 Resp: 164266

Ion Ratio Lower Upper

75 100

77 31.9 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.36

80000

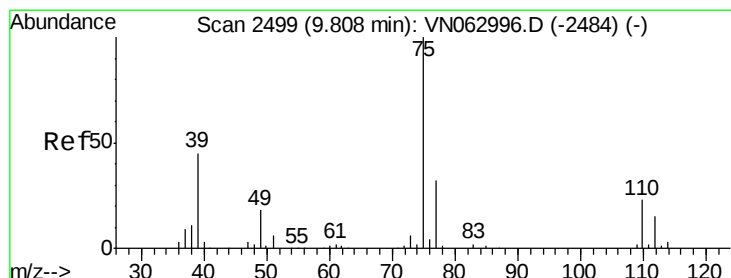
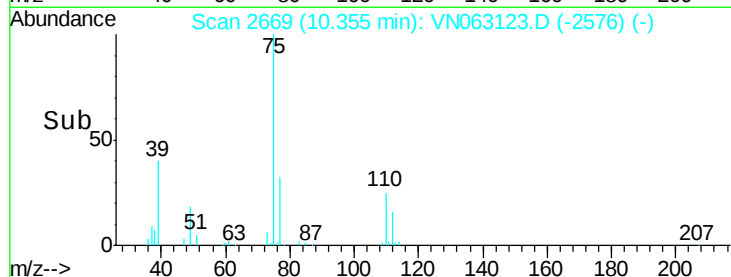
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 46.683 ug/l

RT: 9.81 min Scan# 2500

Delta R.T. 0.00 min

Lab File: VN063123.D

Acq: 25 Aug 2020 19:52

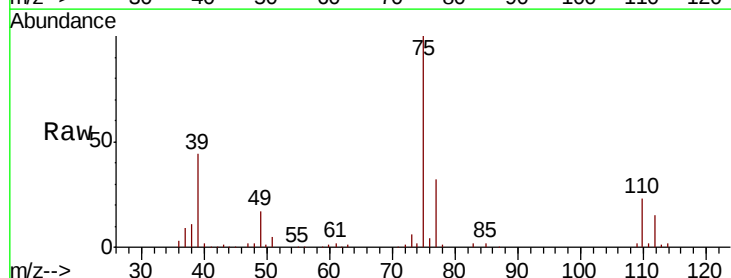
Tgt Ion: 75 Resp: 183248

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.2

39 43.6 35.7 53.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

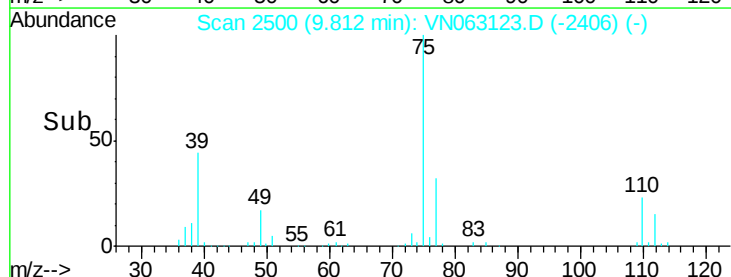
9.81

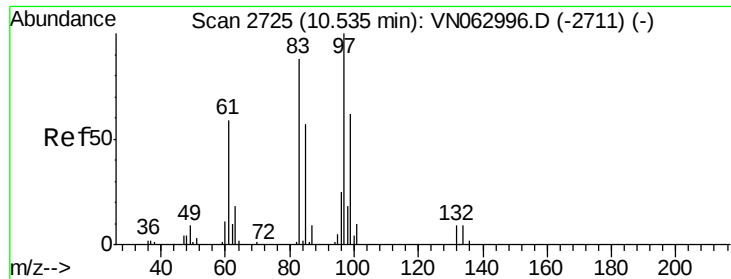
100000

50000

0

Time-->



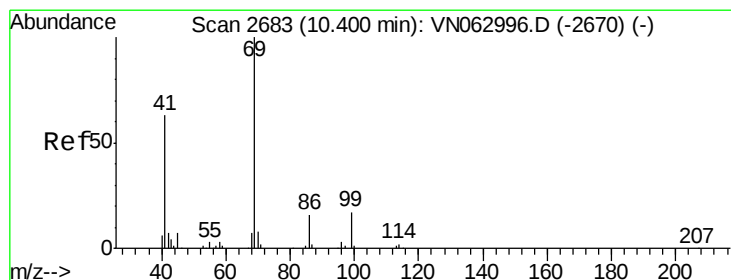
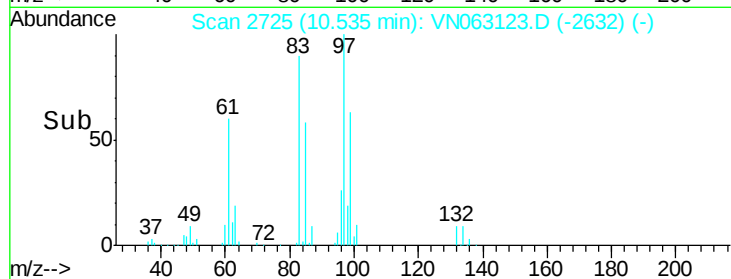
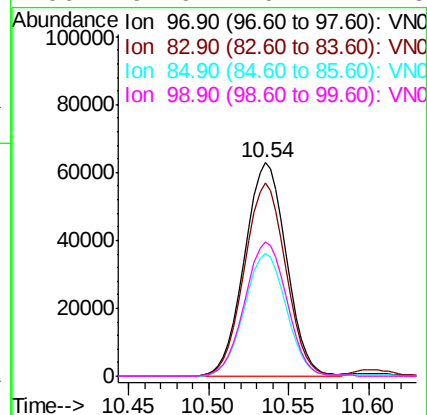
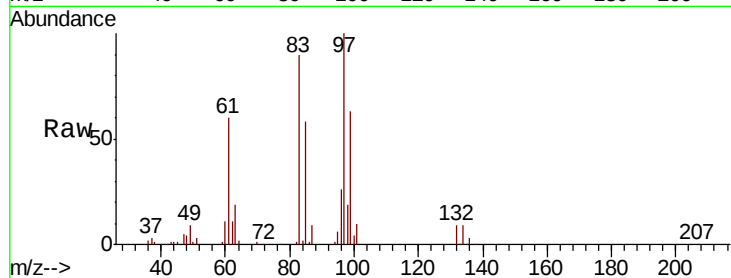


#55
 1,1,2-Trichloroethane
 Concen: 46.208 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN063123.D
 Acq: 25 Aug 2020 19:52

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-498-500MS

Tot Ion: 97 Resp: 112762

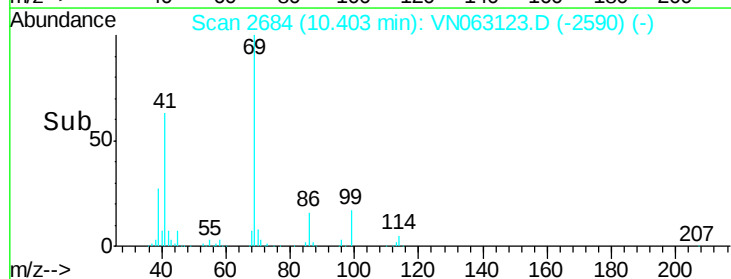
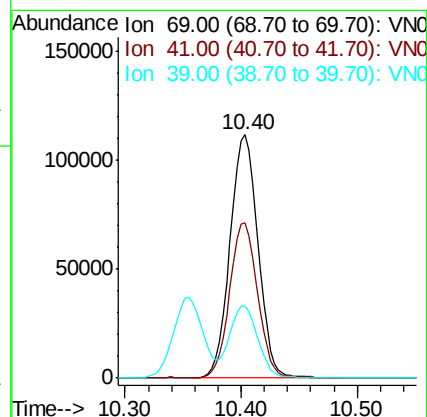
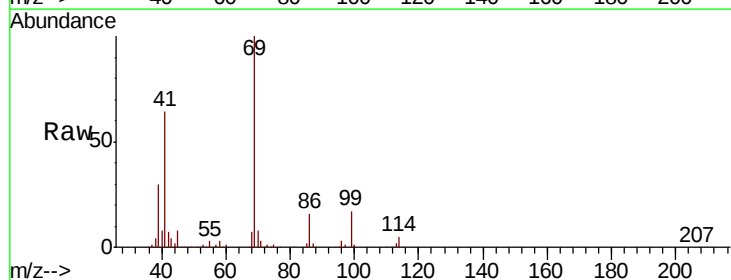
Ion	Ratio	Lower	Upper
97	100		
83	90.4	70.5	105.7
85	57.7	45.8	68.6
99	62.9	49.7	74.5

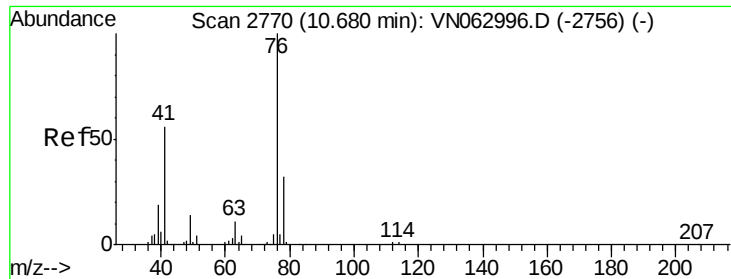


#56
 Ethyl methacrylate
 Concen: 49.636 ug/l
 RT: 10.40 min Scan# 2684
 Delta R.T. 0.00 min
 Lab File: VN063123.D
 Acq: 25 Aug 2020 19:52

Tgt Ion: 69 Resp: 187030

Ion	Ratio	Lower	Upper
69	100		
41	63.2	50.2	75.2
39	30.3	24.2	36.4





#57

1,3-Dichloropropane

Concen: 46.811 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN063123.D

Acq: 25 Aug 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

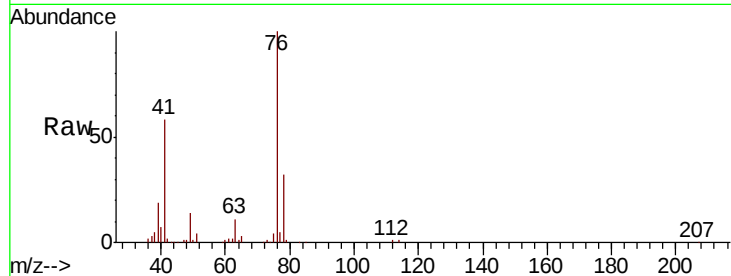
BP-VPB181-GW-498-500MS

Tot Ion: 76 Resp: 189690

Ion Ratio Lower Upper

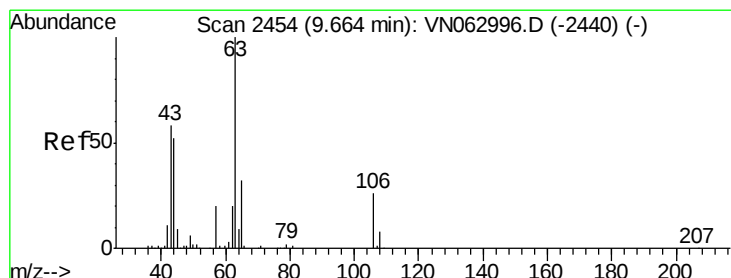
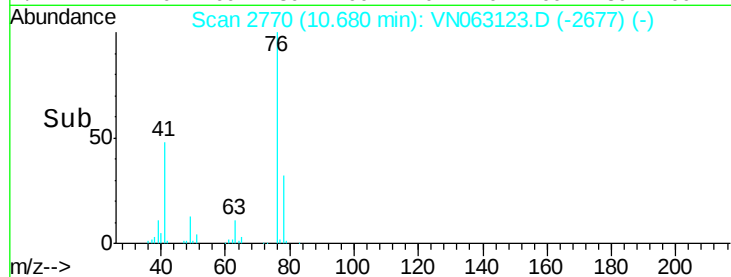
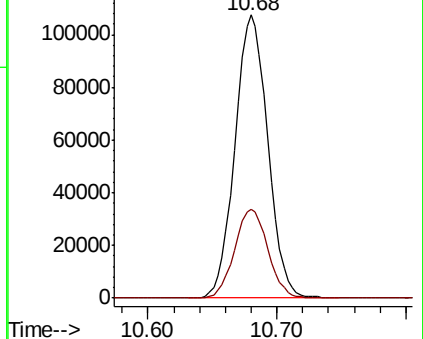
76 100

78 31.9 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN063123.D (-2677) (-)

Ion 77.90 (77.60 to 78.60): VN063123.D (-2677) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 13.203 ug/l

RT: 9.81 min Scan# 2501

Delta R.T. 0.15 min

Lab File: VN063123.D

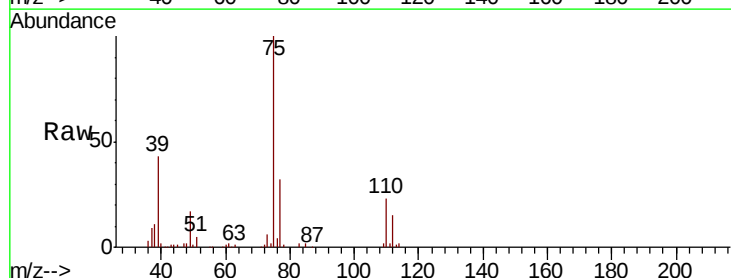
Acq: 25 Aug 2020 19:52

Tgt Ion: 63 Resp: 966

Ion Ratio Lower Upper

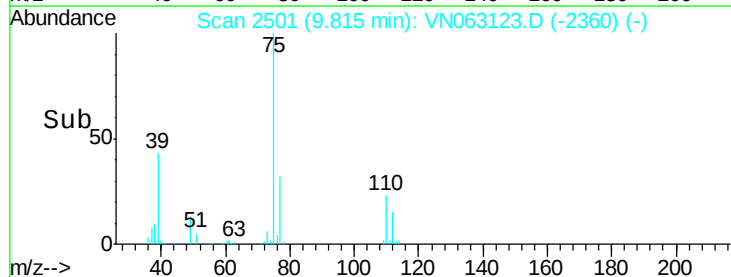
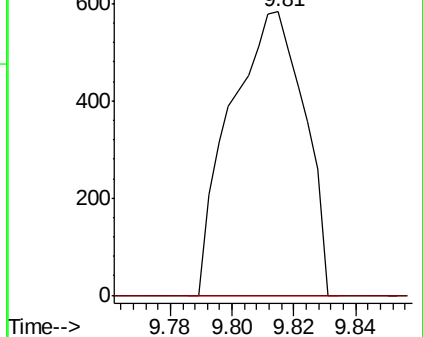
63 100

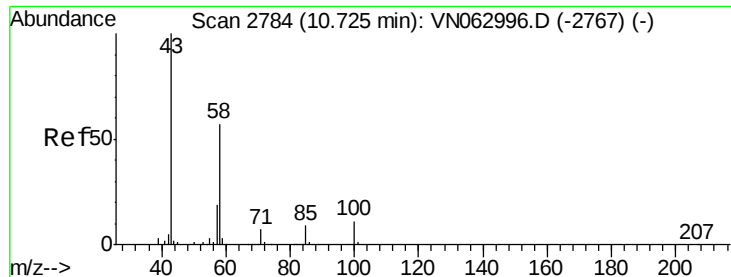
106 0.0 20.7 31.1#



Abundance Ion 62.90 (62.60 to 63.60): VN063123.D (-2360) (-)

Ion 105.90 (105.60 to 106.60): VN063123.D (-2360) (-)

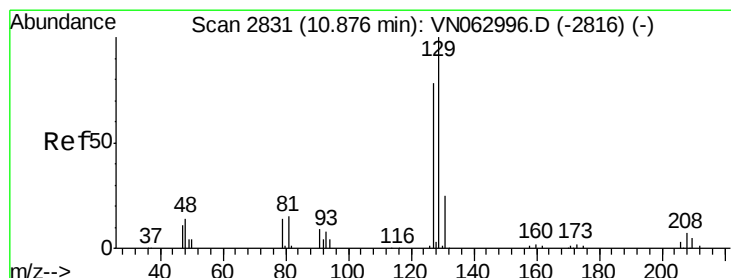
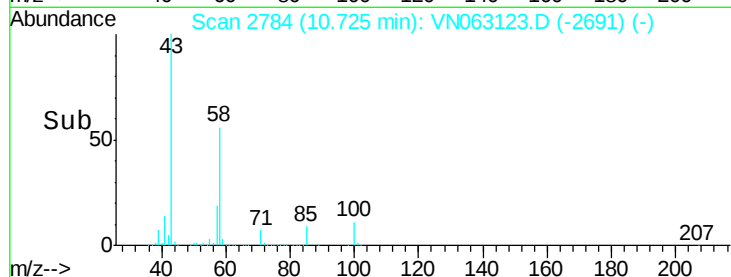
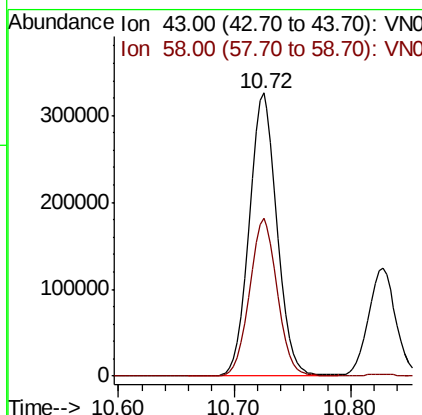
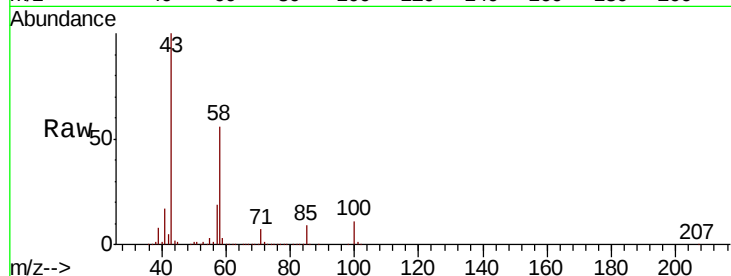




#59
2-Hexanone
Concen: 265.571 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN063123.D
Acq: 25 Aug 2020 19:52

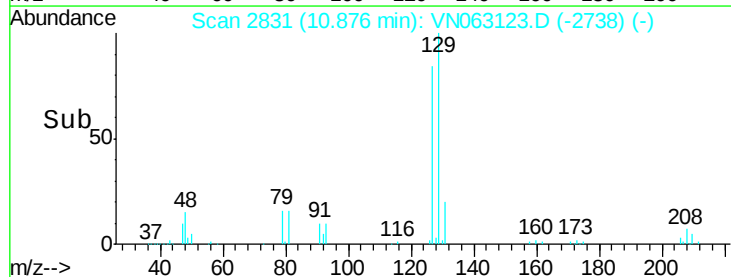
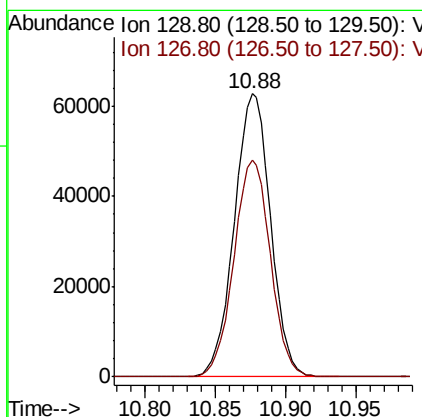
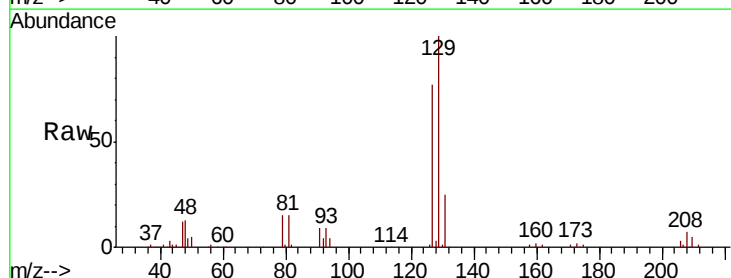
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-498-500MS

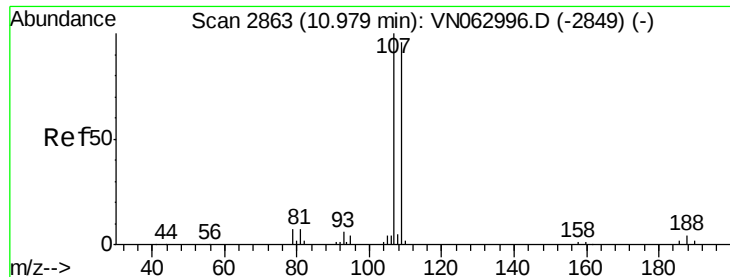
Tot Ion: 43 Resp: 542186
Ion Ratio Lower Upper
43 100
58 56.1 28.1 84.3



#60
Dibromochloromethane
Concen: 41.931 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. 0.00 min
Lab File: VN063123.D
Acq: 25 Aug 2020 19:52

Tgt Ion: 129 Resp: 113239
Ion Ratio Lower Upper
129 100
127 77.0 38.4 115.2

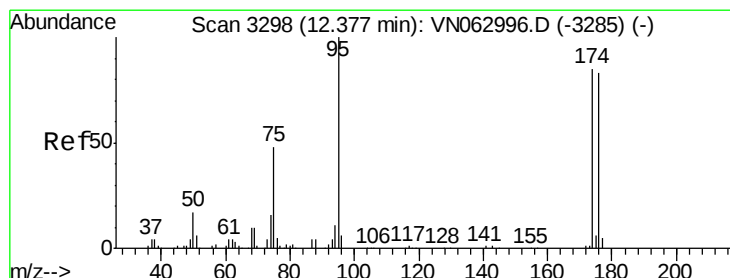
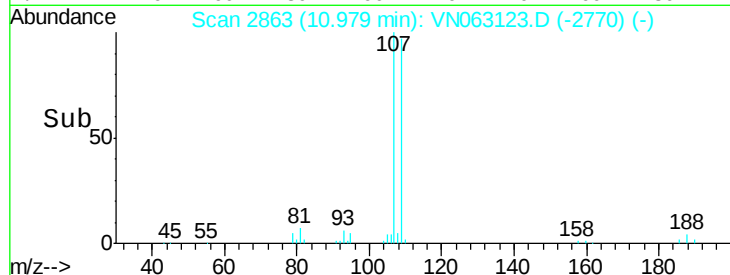
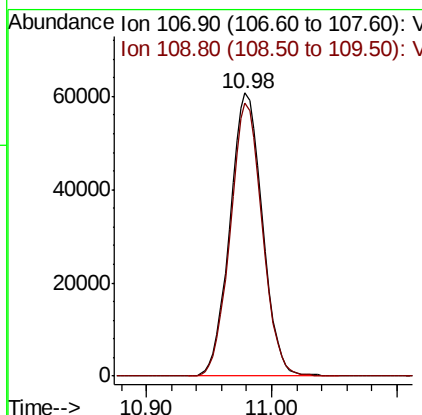
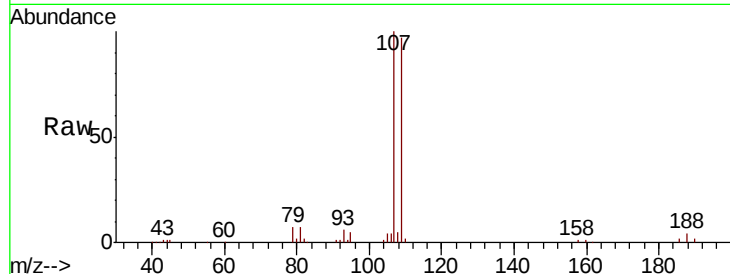




#61
 1,2-Dibromoethane
 Concen: 46.512 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN063123.D
 Acq: 25 Aug 2020 19:52

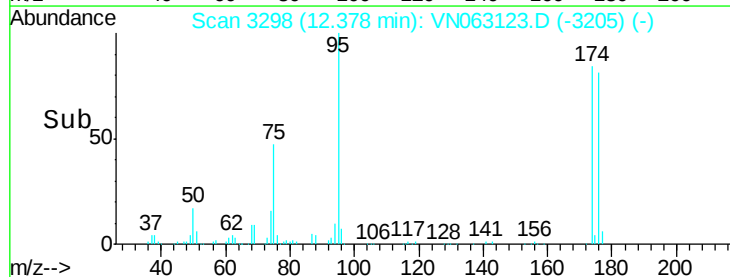
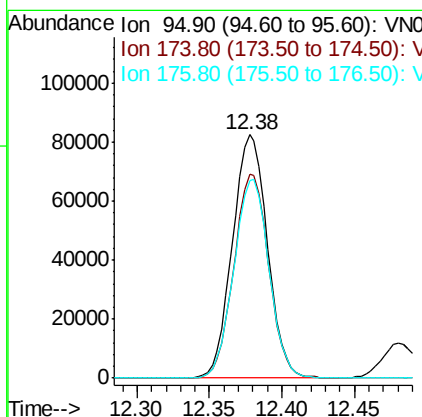
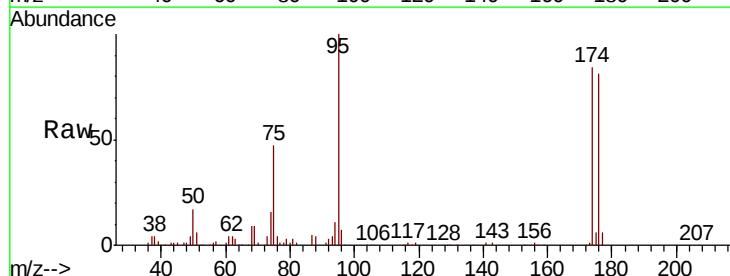
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-498-500MS

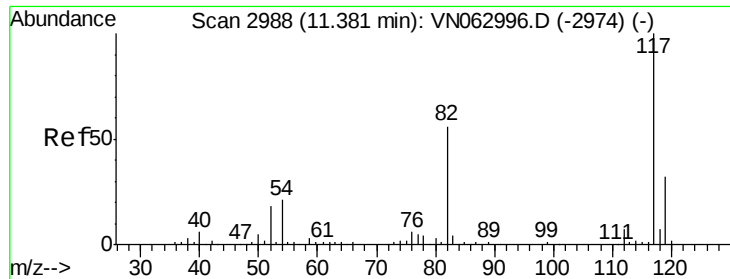
Tot Ion:107 Resp: 109061
 Ion Ratio Lower Upper
 107 100
 109 95.2 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 46.203 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN063123.D
 Acq: 25 Aug 2020 19:52

Tgt Ion: 95 Resp: 138126
 Ion Ratio Lower Upper
 95 100
 174 83.6 0.0 170.8
 176 82.5 0.0 164.8

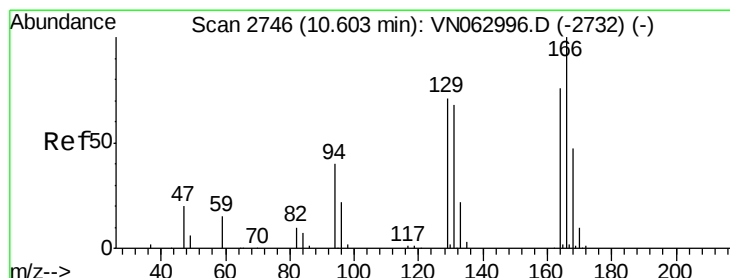
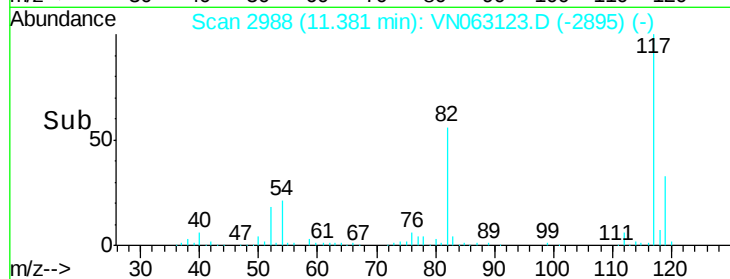
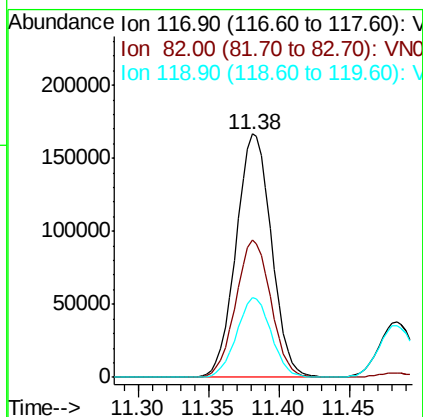
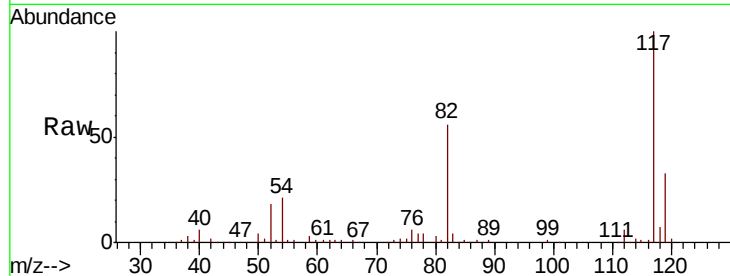




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN063123.D
Acq: 25 Aug 2020 19:52

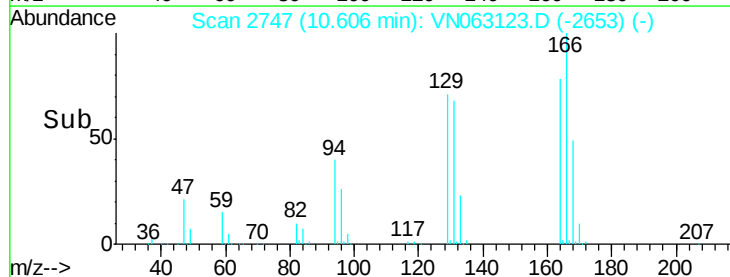
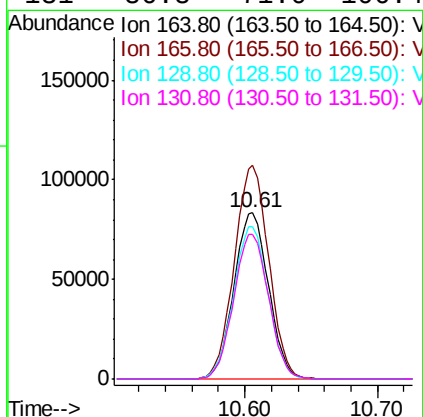
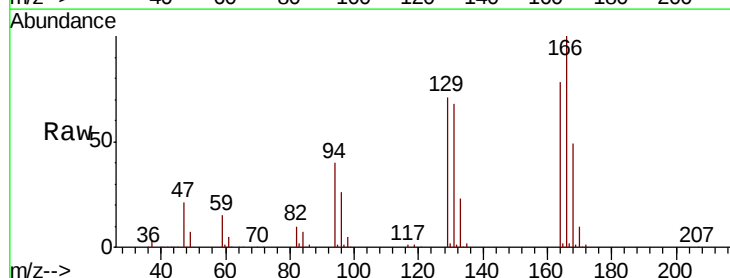
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-498-500MS

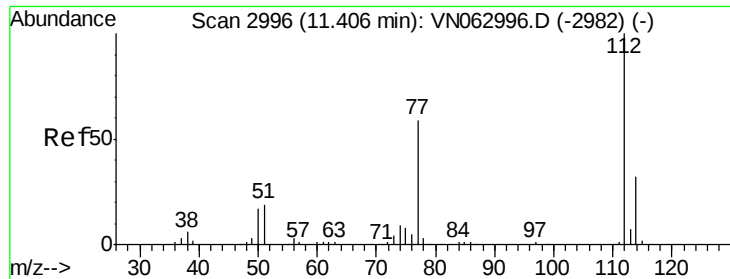
Tot Ion:117 Resp: 293285
Ion Ratio Lower Upper
117 100
82 56.2 44.5 66.7
119 32.7 25.5 38.3



#64
Tetrachloroethene
Concen: 78.547 ug/l
RT: 10.61 min Scan# 2747
Delta R.T. 0.00 min
Lab File: VN063123.D
Acq: 25 Aug 2020 19:52

Tgt Ion:164 Resp: 151430
Ion Ratio Lower Upper
164 100
166 128.4 105.0 157.6
129 91.7 74.7 112.1
131 86.8 71.0 106.4





#65

Chlorobenzene

Concen: 47.589 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN063123.D

Acq: 25 Aug 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

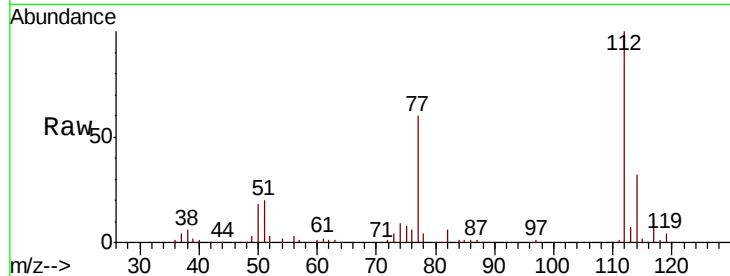
BP-VPB181-GW-498-500MS

Tot Ion:112 Resp: 280311

Ion Ratio Lower Upper

112 100

114 31.8 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.41

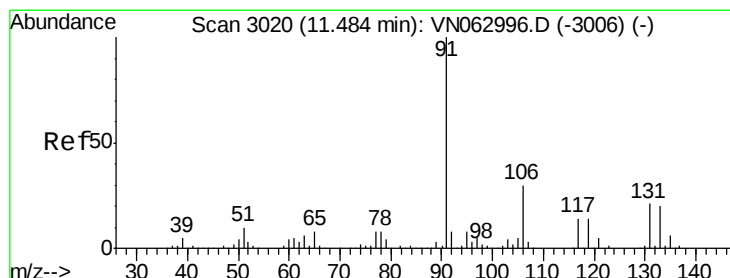
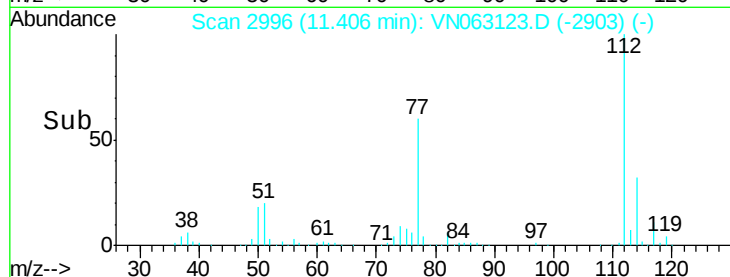
150000

100000

50000

0

Time--> 11.30 11.40 11.50



#66

1,1,1,2-Tetrachloroethane

Concen: 41.201 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN063123.D

Acq: 25 Aug 2020 19:52

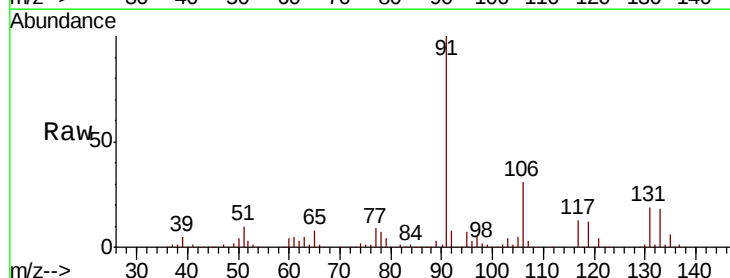
Tgt Ion:131 Resp: 94394

Ion Ratio Lower Upper

131 100

133 95.2 47.5 142.6

119 66.5 33.1 99.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.48

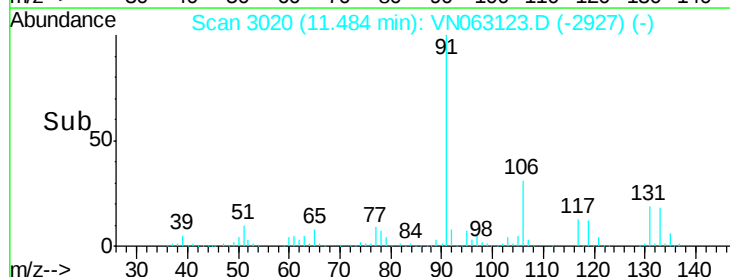
60000

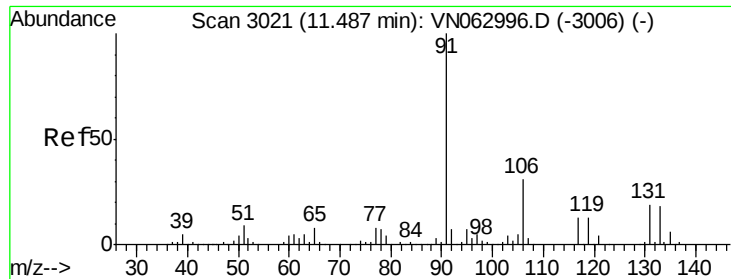
40000

20000

0

Time--> 11.40 11.45 11.50 11.55

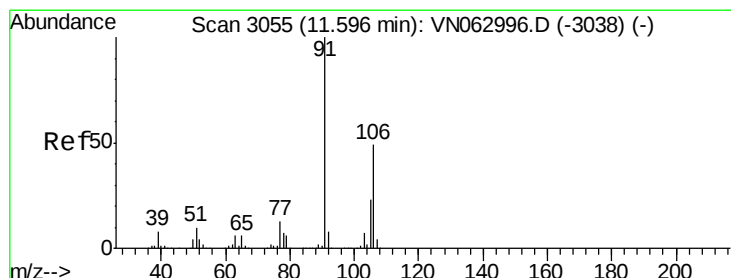
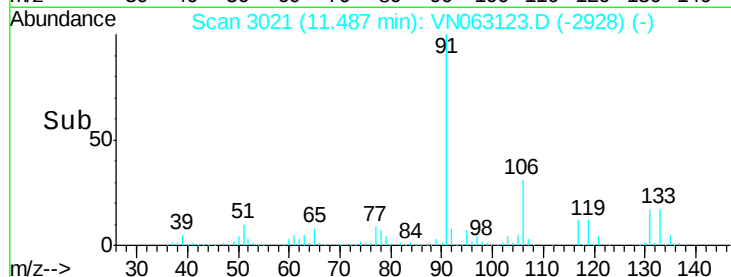
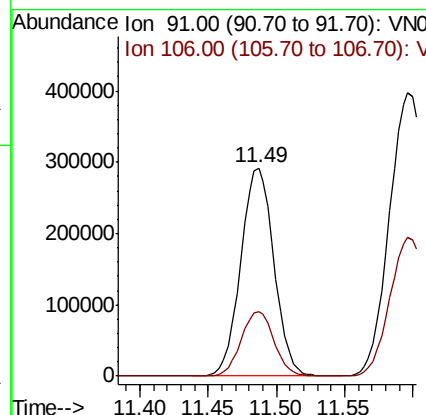
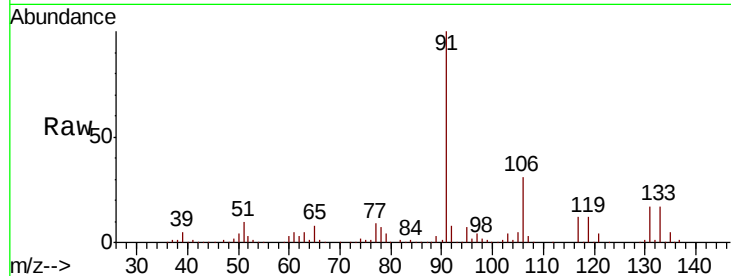




#67
Ethyl Benzene
Concen: 49.528 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. 0.00 min
Lab File: VN063123.D
Acq: 25 Aug 2020 19:52

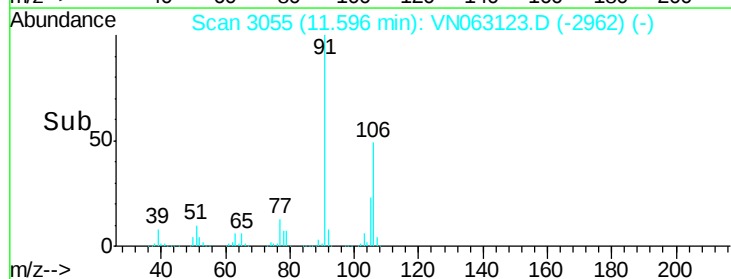
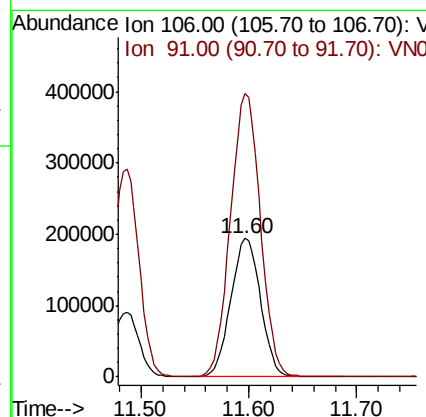
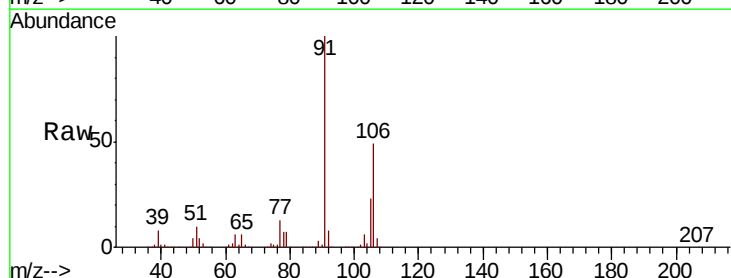
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-498-500MS

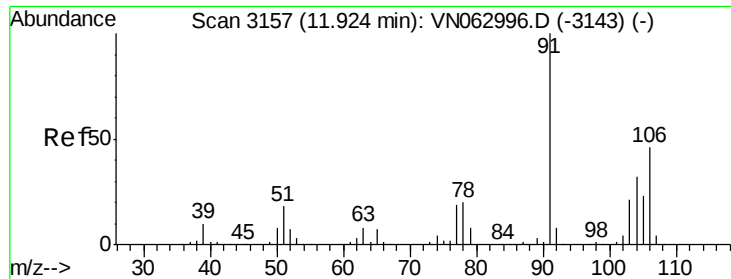
Tot Ion: 91 Resp: 492938
Ion Ratio Lower Upper
91 100
106 31.1 24.6 37.0



#68
m/p-Xylenes
Concen: 100.824 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN063123.D
Acq: 25 Aug 2020 19:52

Tgt Ion: 106 Resp: 372961
Ion Ratio Lower Upper
106 100
91 205.7 163.0 244.4

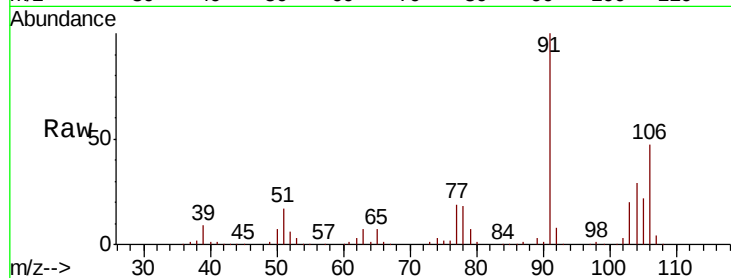




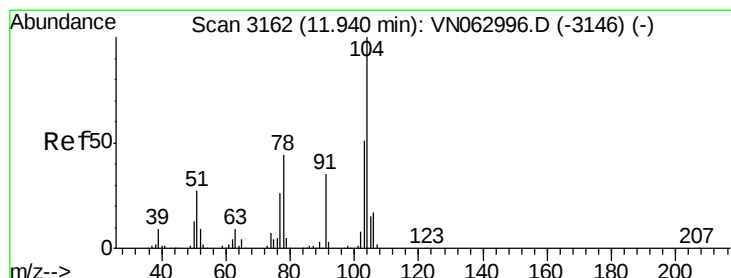
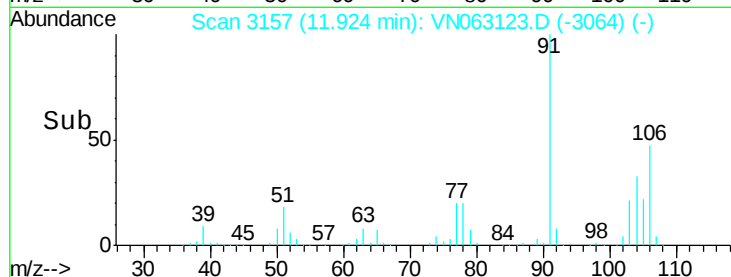
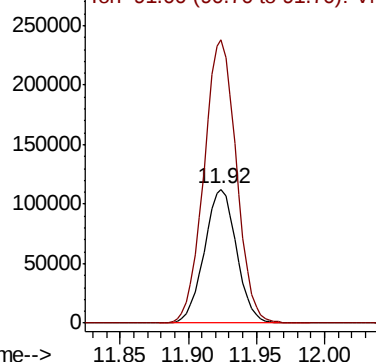
#69
o-Xylene
Concen: 51.778 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN063123.D
Acq: 25 Aug 2020 19:52

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-498-500MS

Tot Ion:106 Resp: 183926
Ion Ratio Lower Upper
106 100
91 213.8 107.3 321.9

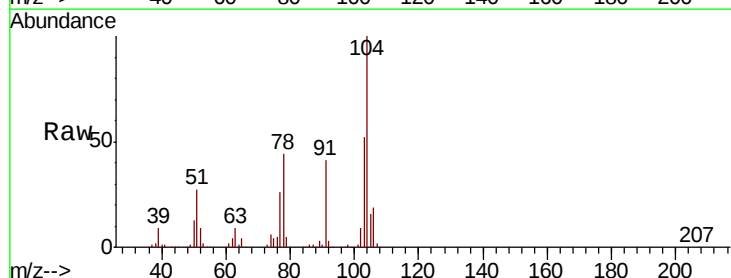


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

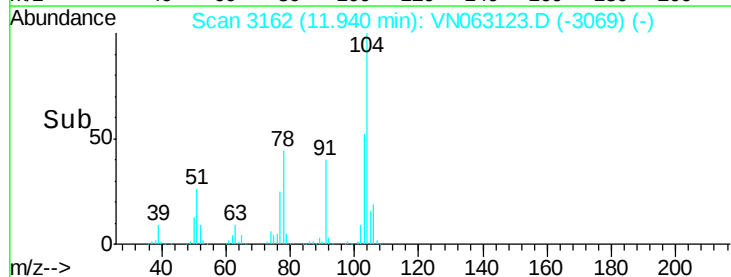
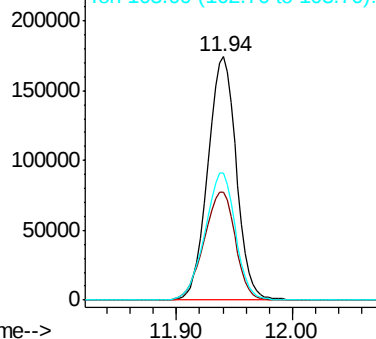


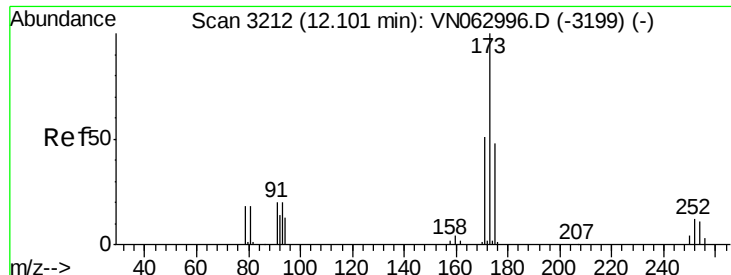
#70
Styrene
Concen: 42.430 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN063123.D
Acq: 25 Aug 2020 19:52

Tgt Ion:104 Resp: 296965
Ion Ratio Lower Upper
104 100
78 49.2 39.0 58.6
103 56.0 44.3 66.5



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





#71

Bromoform

Concen: 34.382 ug/l

RT: 12.10 min Scan# 3213

Delta R.T. 0.00 min

Lab File: VN063123.D

Acq: 25 Aug 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-498-500MS

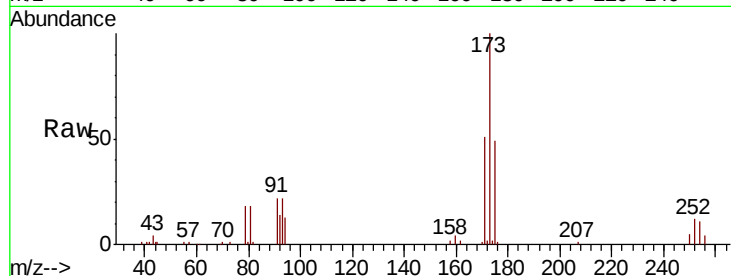
Tot Ion:173 Resp: 62700

Ion Ratio Lower Upper

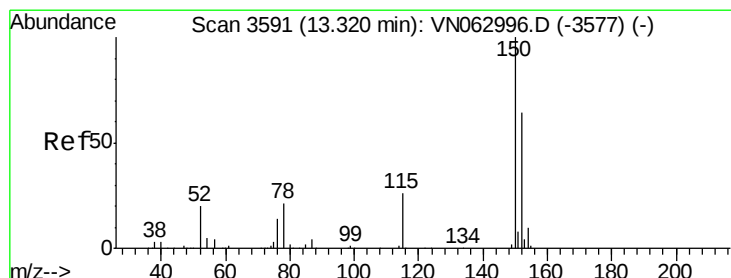
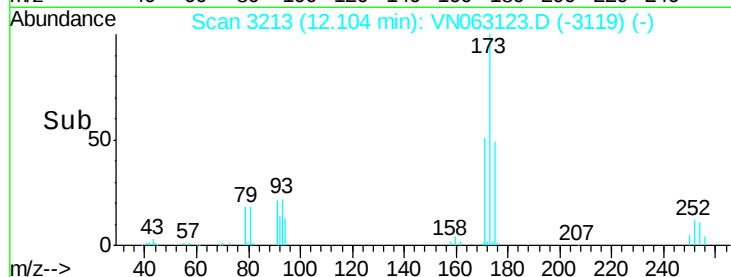
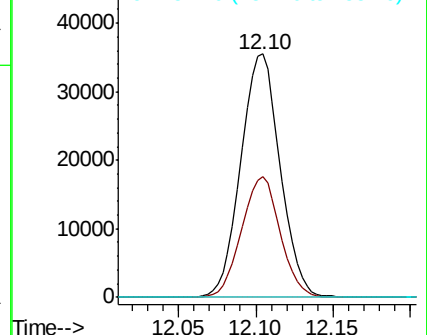
173 100

175 48.4 24.3 72.8

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN063123.D

Acq: 25 Aug 2020 19:52

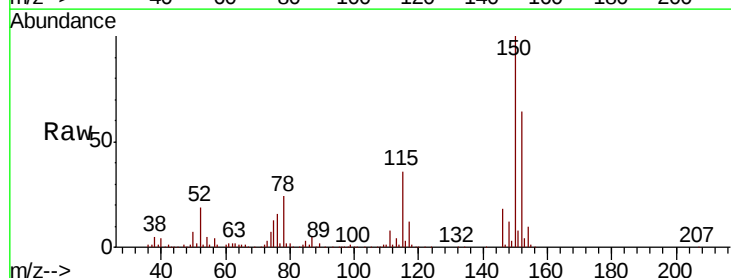
Tgt Ion:152 Resp: 131913

Ion Ratio Lower Upper

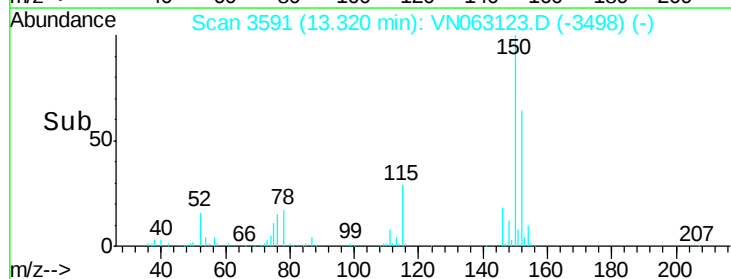
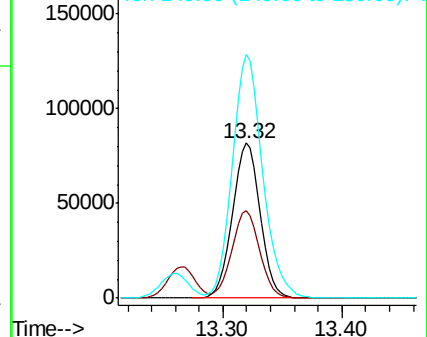
152 100

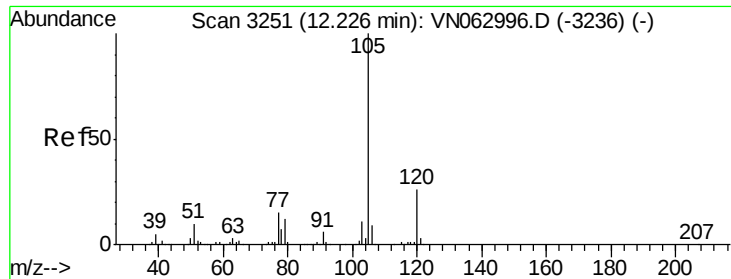
115 56.6 28.7 86.3

150 171.9 0.0 348.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.190 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN063123.D

Acq: 25 Aug 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

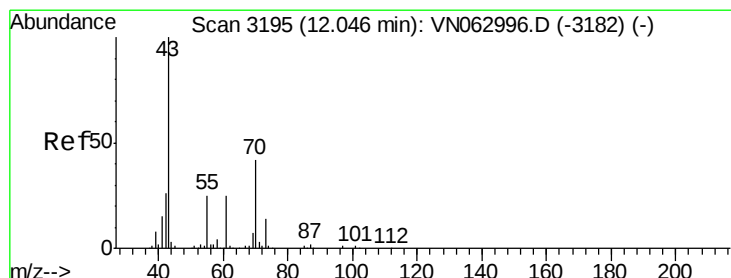
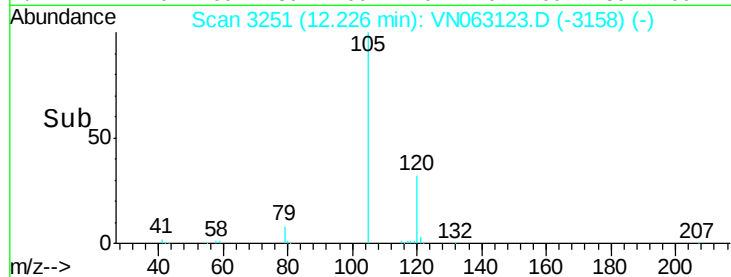
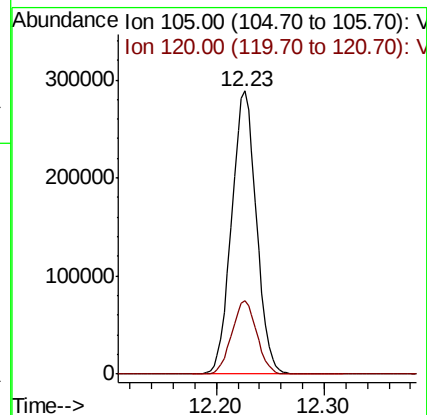
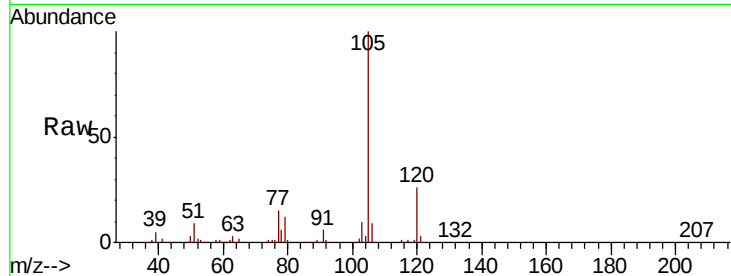
BP-VPB181-GW-498-500MS

Tot Ion:105 Resp: 462420

Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.6



#74

N-ethyl acetate

Concen: 64.660 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN063123.D

Acq: 25 Aug 2020 19:52

Tgt Ion: 43 Resp: 209195

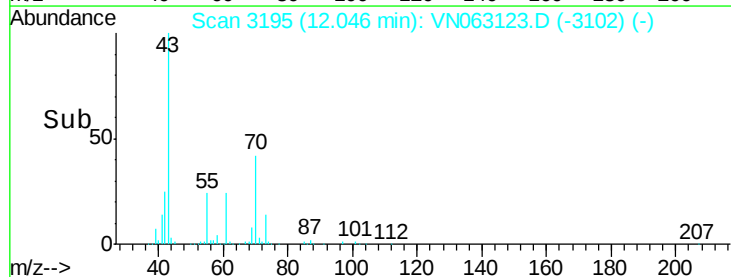
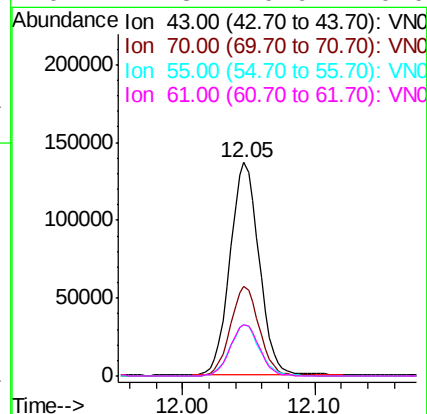
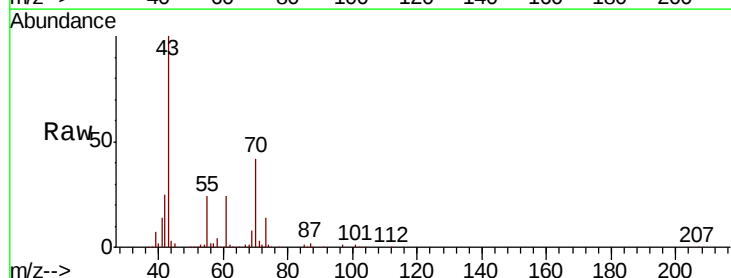
Ion Ratio Lower Upper

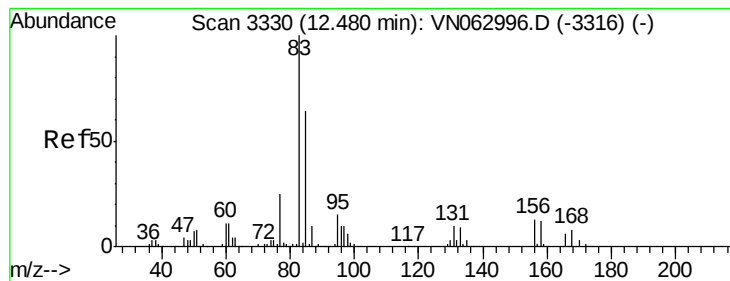
43 100

70 42.0 33.4 50.0

55 24.4 20.2 30.2

61 24.3 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 44.799 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN063123.D

Acq: 25 Aug 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-498-500MS

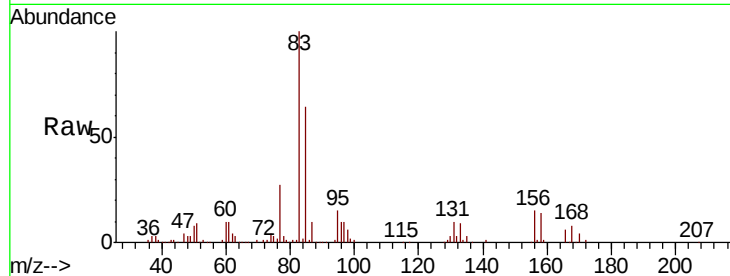
Tot Ion: 83 Resp: 131099

Ion Ratio Lower Upper

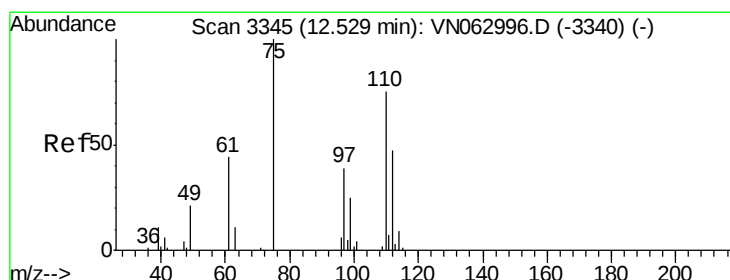
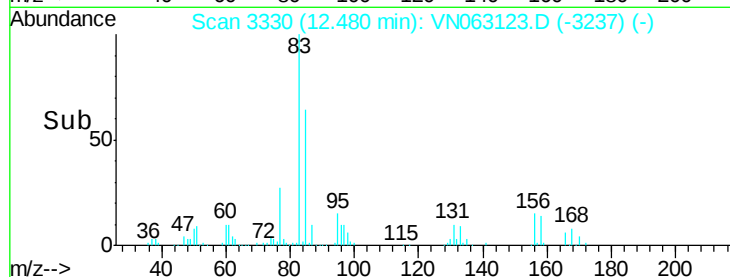
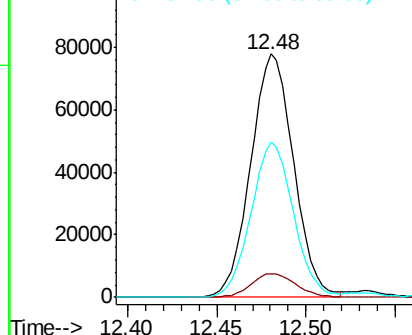
83 100

131 10.2 4.9 14.7

85 62.7 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 73.470 ug/l

RT: 12.53 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN063123.D

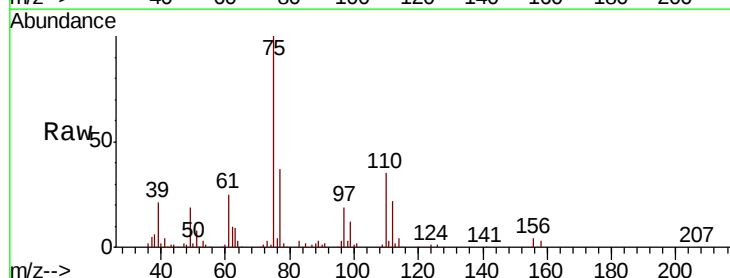
Acq: 25 Aug 2020 19:52

Tgt Ion: 75 Resp: 188384

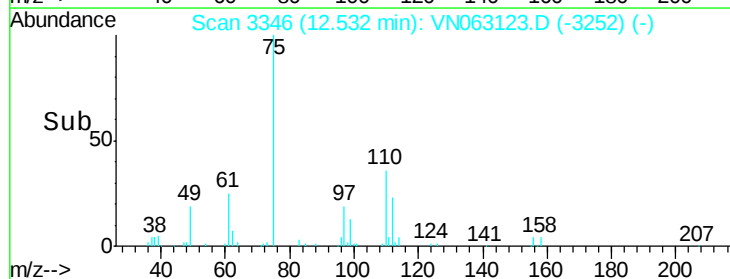
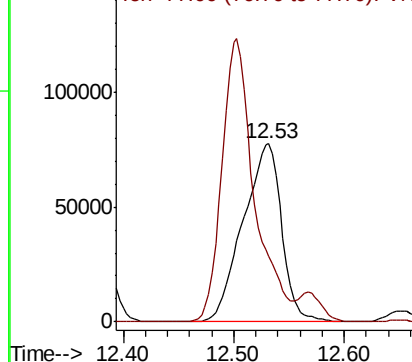
Ion Ratio Lower Upper

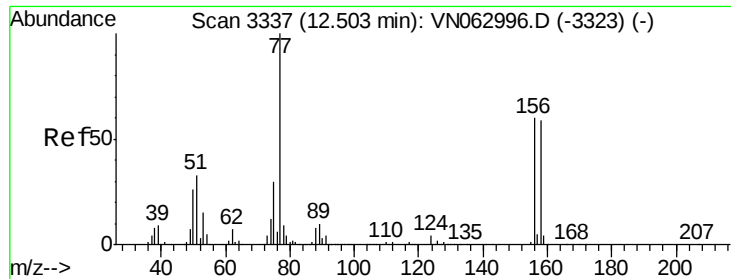
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 49.640 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN063123.D

Acq: 25 Aug 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-498-500MS

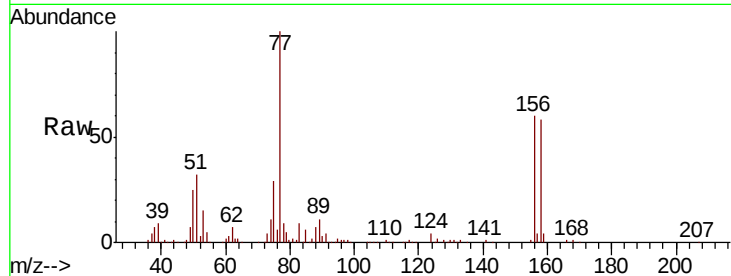
Tot Ion:156 Resp: 123327

Ion Ratio Lower Upper

156 100

77 203.6 101.0 302.9

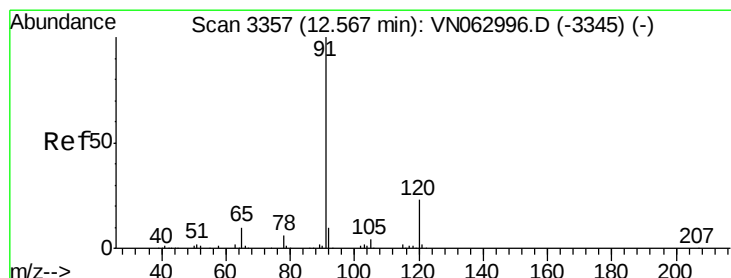
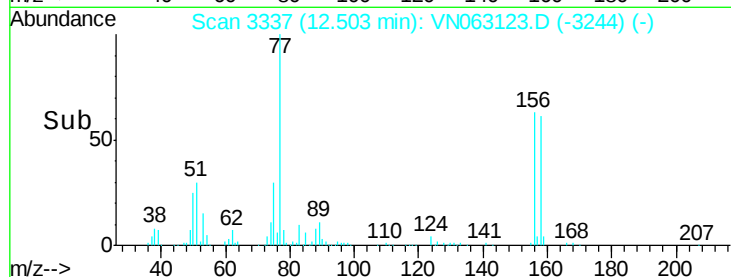
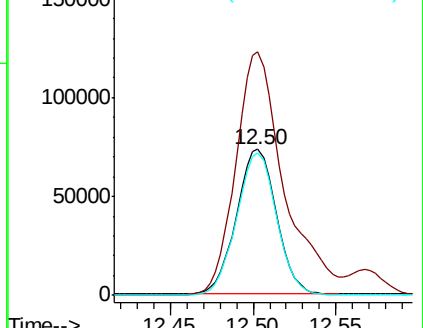
158 98.5 49.4 148.0



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: 50.106 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN063123.D

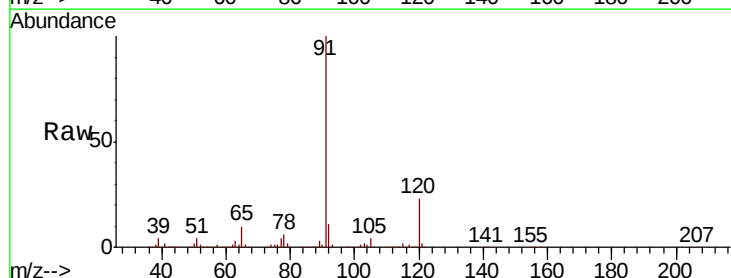
Acq: 25 Aug 2020 19:52

Tgt Ion: 91 Resp: 515913

Ion Ratio Lower Upper

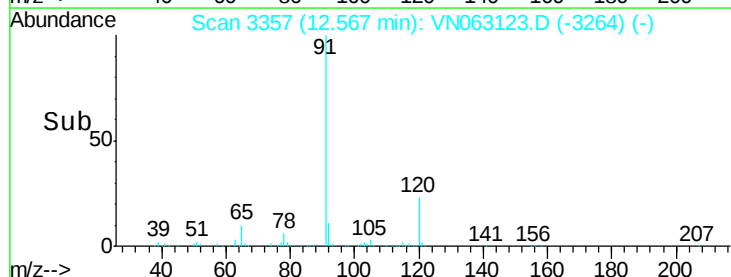
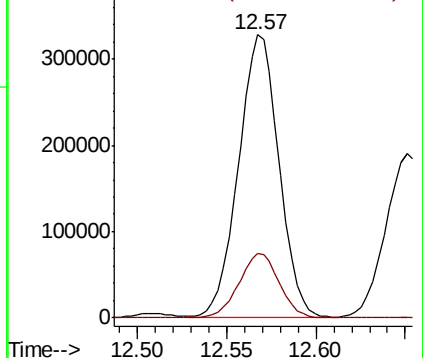
91 100

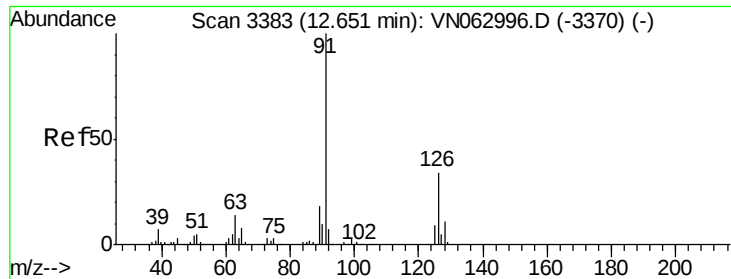
120 22.8 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.625 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN063123.D

Acq: 25 Aug 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

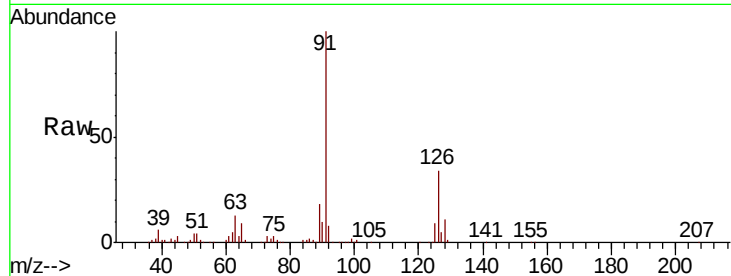
BP-VPB181-GW-498-500MS

Tot Ion: 91 Resp: 314914

Ion Ratio Lower Upper

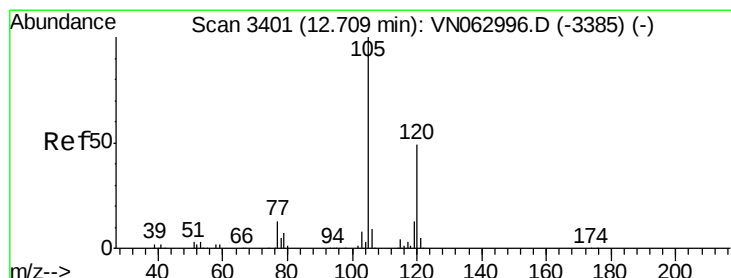
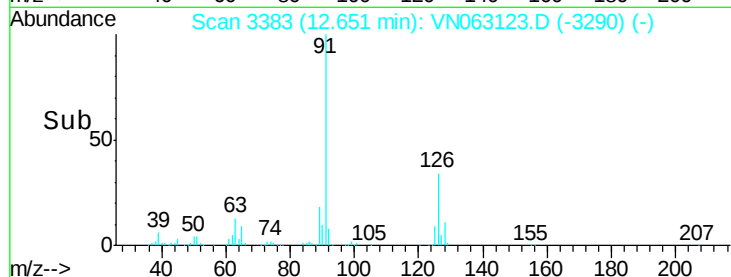
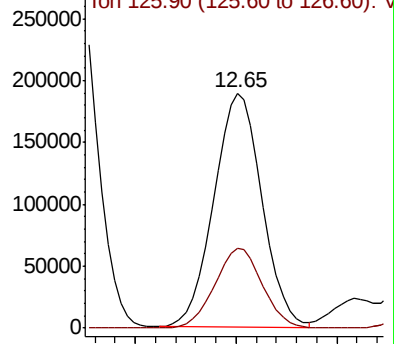
91 100

126 33.9 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VN063123.D (-3383) (-)

Ion 125.90 (125.60 to 126.60): VN063123.D (-3383) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.705 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN063123.D

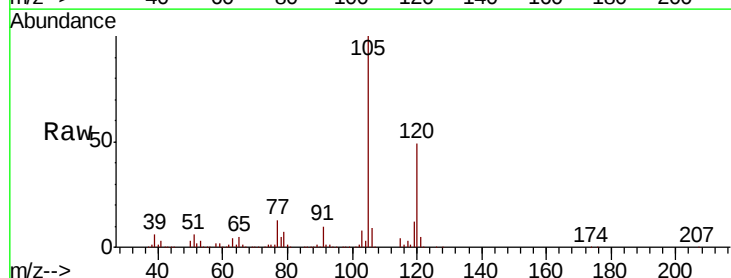
Acq: 25 Aug 2020 19:52

Tgt Ion: 105 Resp: 378640

Ion Ratio Lower Upper

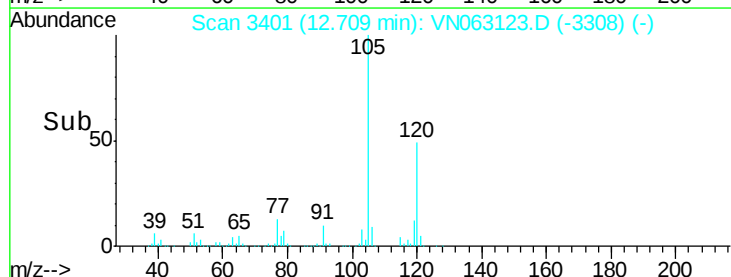
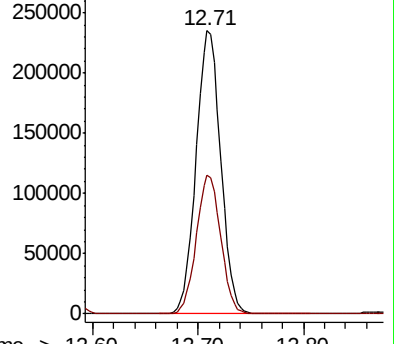
105 100

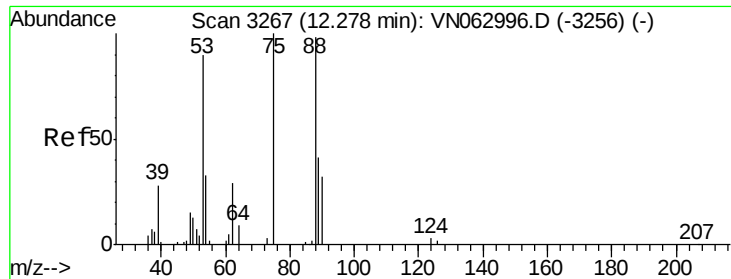
120 48.5 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VN063123.D (-3401) (-)

Ion 120.00 (119.70 to 120.70): VN063123.D (-3401) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.659 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. 0.00 min

Lab File: VN063123.D

Acq: 25 Aug 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-498-500MS

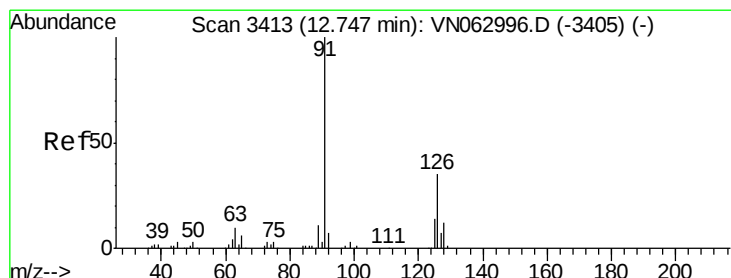
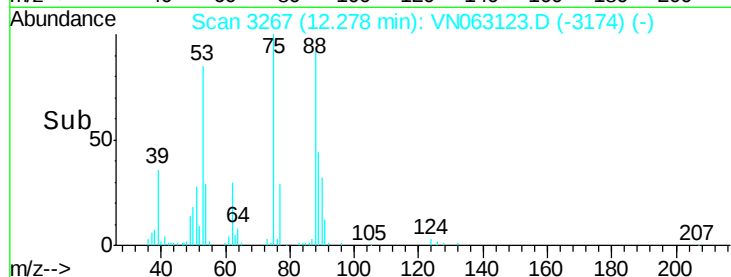
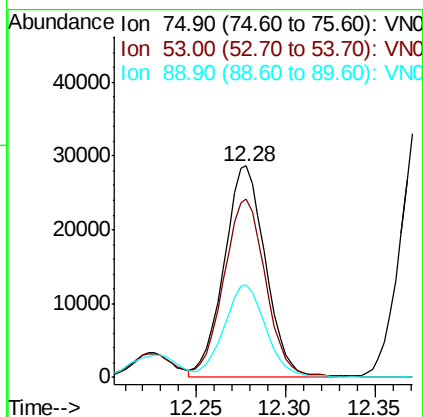
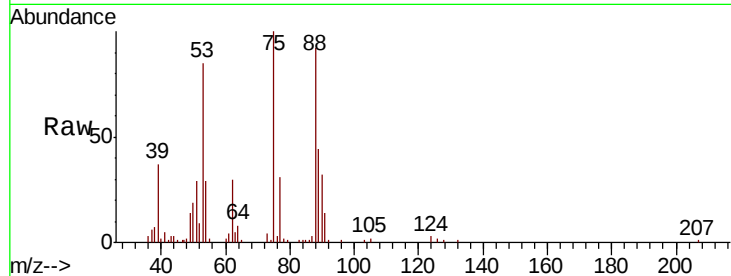
Tot Ion: 75 Resp: 46362

Ion Ratio Lower Upper

75 100

53 85.3 69.2 103.8

89 44.0 34.2 51.4



#82

4-Chlorotoluene

Concen: 49.875 ug/l

RT: 12.75 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN063123.D

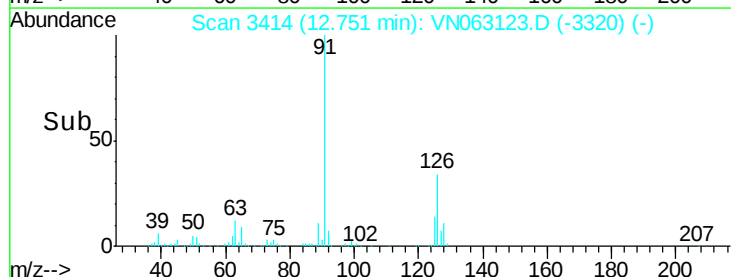
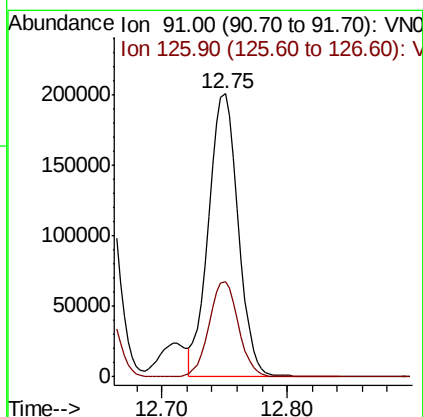
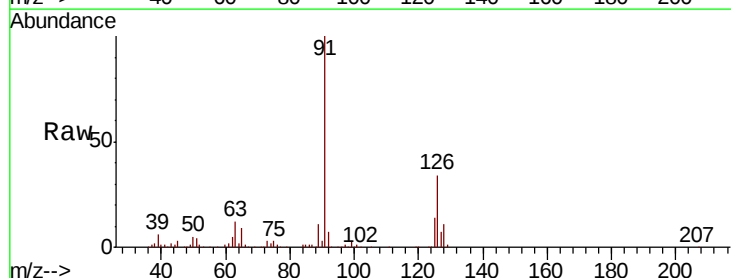
Acq: 25 Aug 2020 19:52

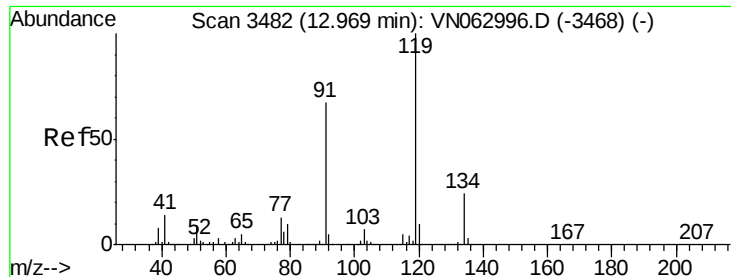
Tgt Ion: 91 Resp: 328904

Ion Ratio Lower Upper

91 100

126 33.3 16.5 49.5

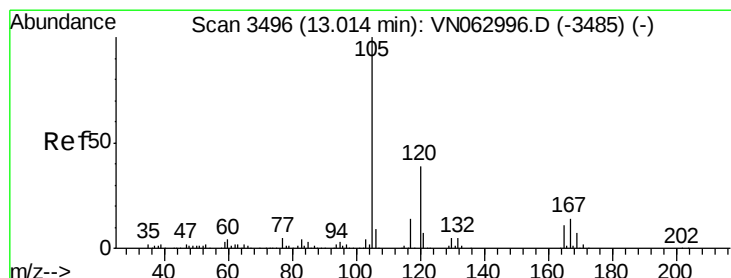
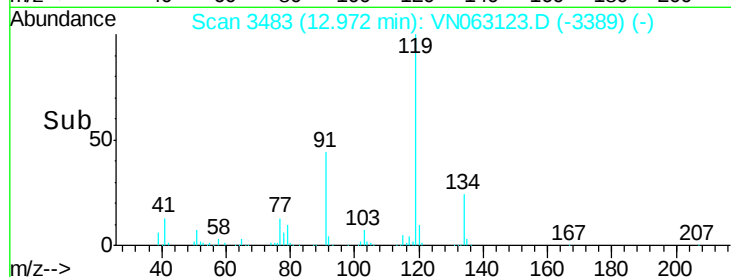
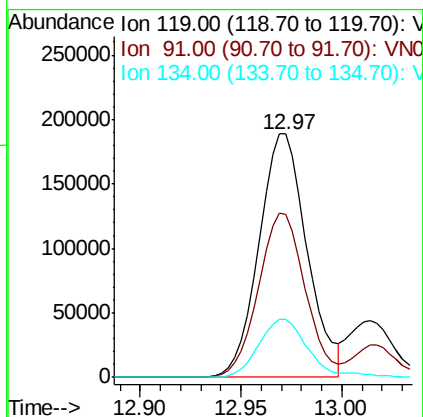
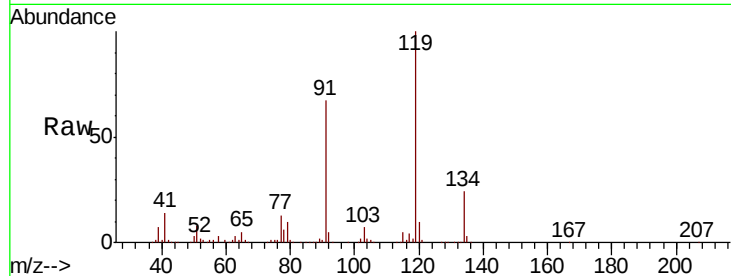




#83
tert-Butylbenzene
Concen: 48.587 ug/l
RT: 12.97 min Scan# 3483
Delta R.T. 0.00 min
Lab File: VN063123.D
Acq: 25 Aug 2020 19:52

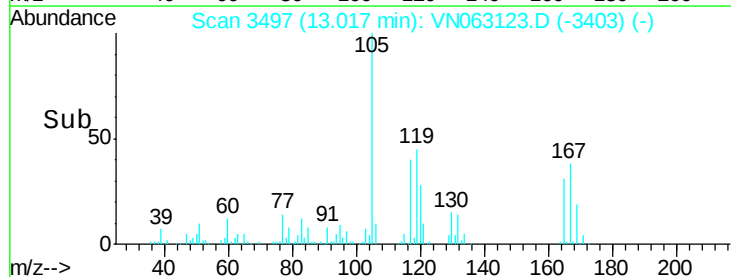
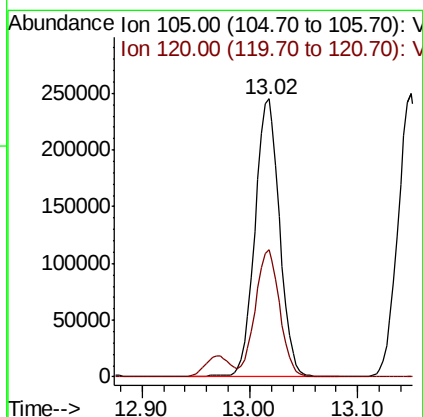
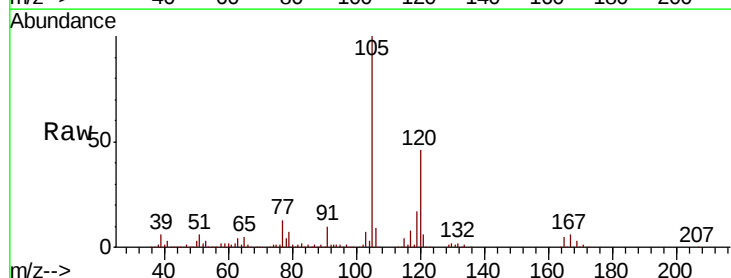
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-498-500MS

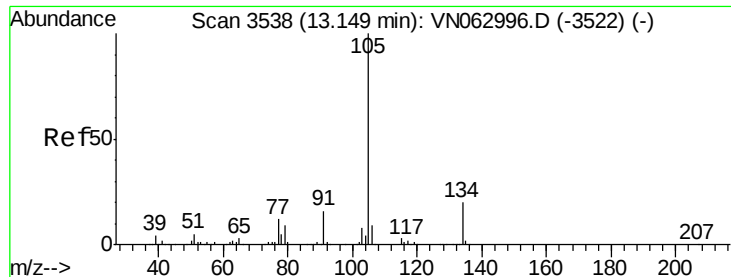
Tot Ion:119 Resp: 313155
Ion Ratio Lower Upper
119 100
91 65.4 32.5 97.4
134 24.6 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 53.379 ug/l
RT: 13.02 min Scan# 3497
Delta R.T. 0.00 min
Lab File: VN063123.D
Acq: 25 Aug 2020 19:52

Tgt Ion:105 Resp: 388324
Ion Ratio Lower Upper
105 100
120 45.2 22.5 67.5

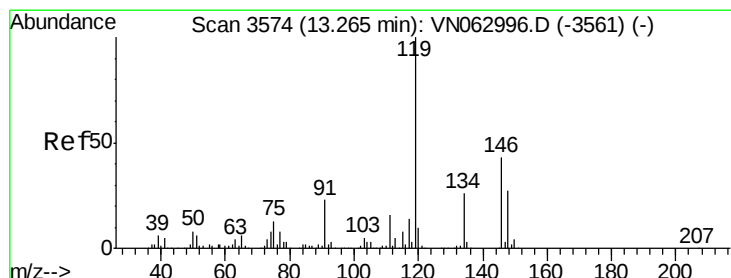
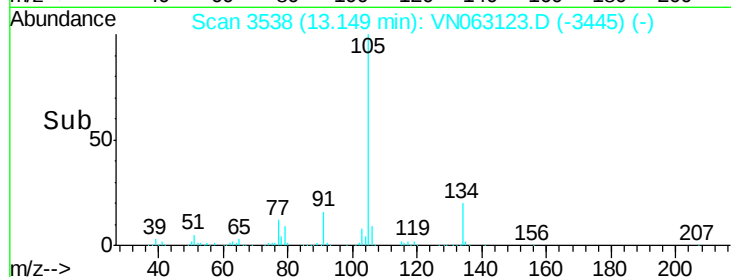
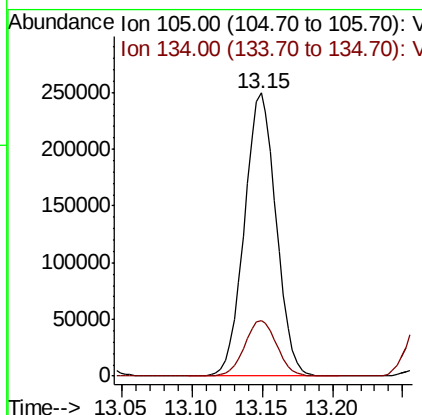
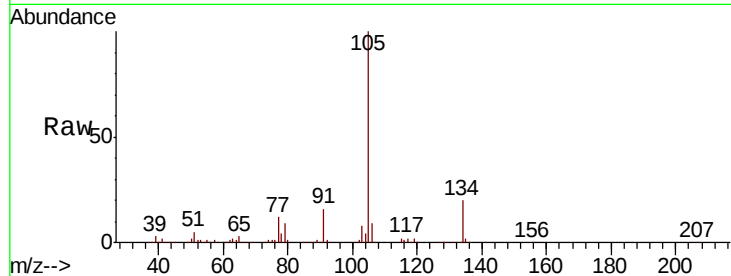




#85
 sec-Butylbenzene
 Concen: 44.990 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. 0.00 min
 Lab File: VN063123.D
 Acq: 25 Aug 2020 19:52

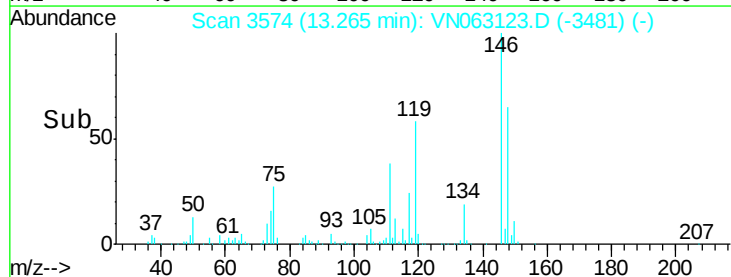
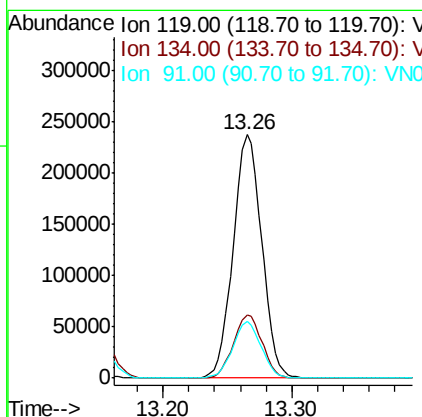
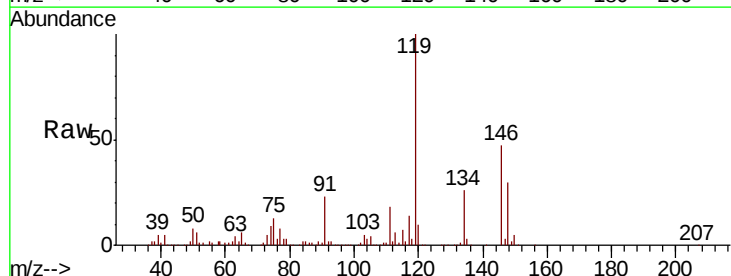
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-498-500MS

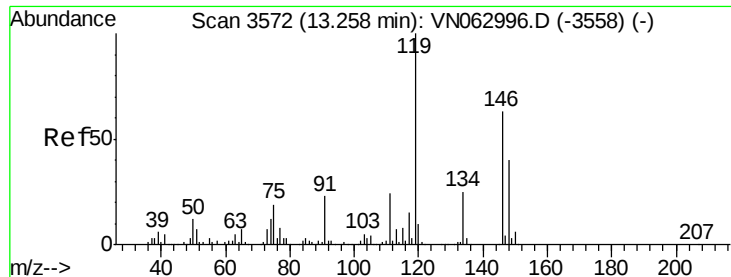
Tot Ion:105 Resp: 391892
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 47.936 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN063123.D
 Acq: 25 Aug 2020 19:52

Tgt Ion:119 Resp: 363829
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.3
 91 22.8 11.5 34.4

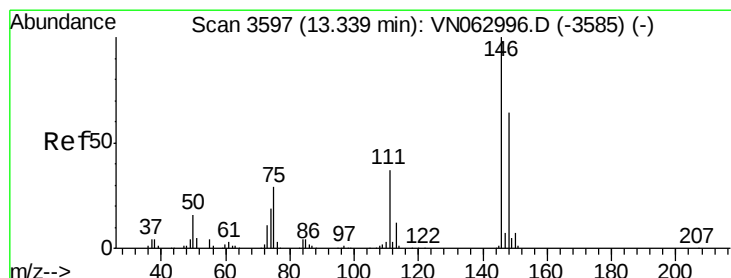
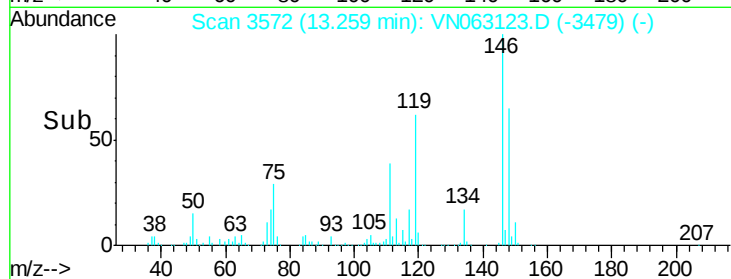
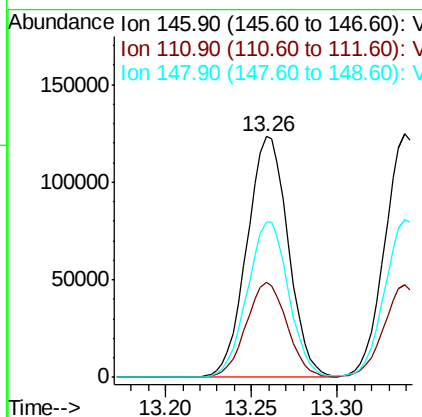
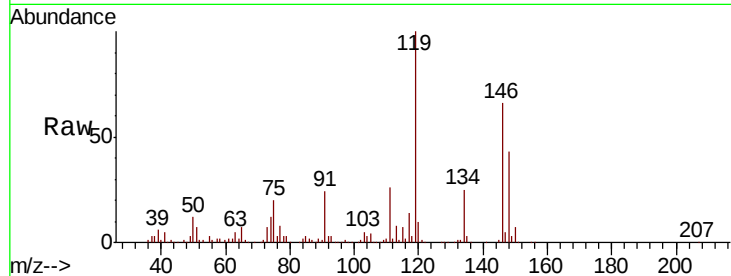




#87
 1,3-Dichlorobenzene
 Concen: 48.194 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN063123.D
 Acq: 25 Aug 2020 19:52

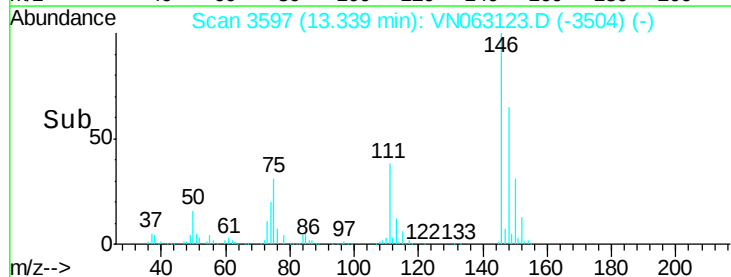
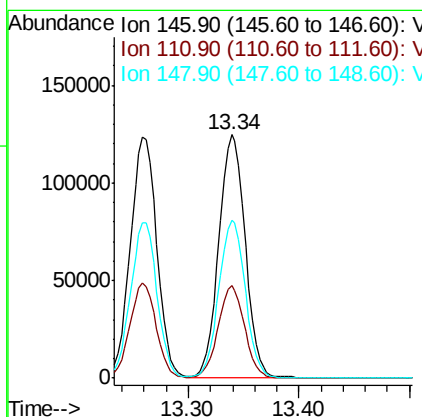
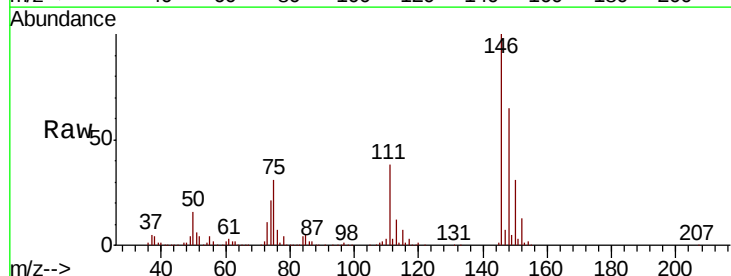
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-498-500MS

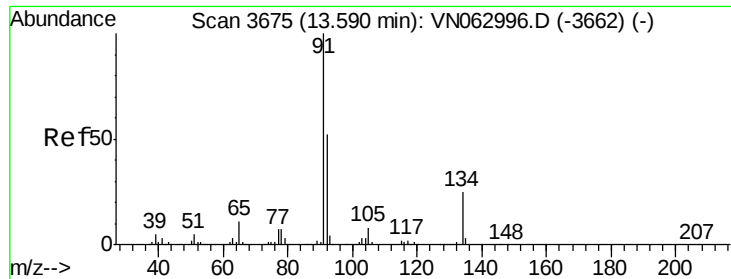
Tot Ion:146 Resp: 205775
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.4 58.1
 148 64.4 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 47.817 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN063123.D
 Acq: 25 Aug 2020 19:52

Tgt Ion:146 Resp: 207225
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.8 56.4
 148 65.2 32.4 97.0

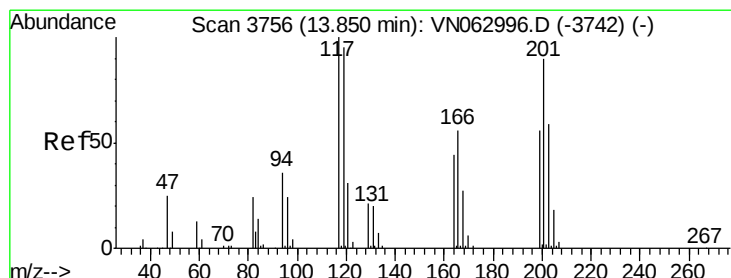
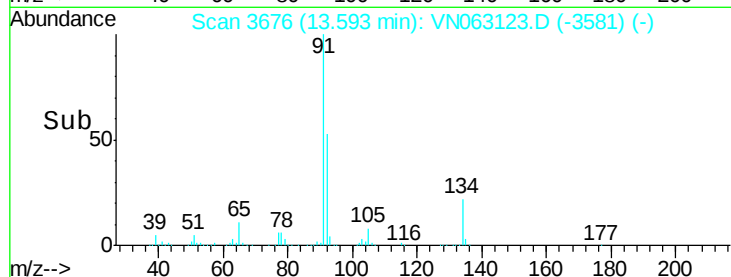
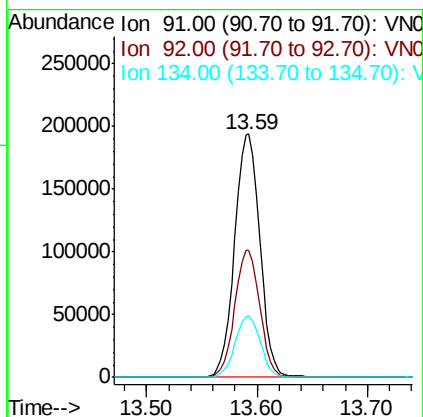
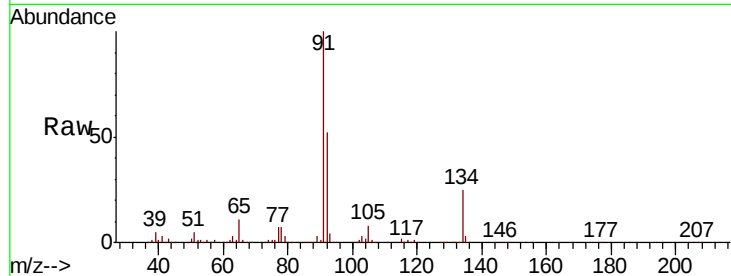




#89
n-Butylbenzene
Concen: 43.323 ug/l
RT: 13.59 min Scan# 3676
Delta R.T. 0.00 min
Lab File: VN063123.D
Acq: 25 Aug 2020 19:52

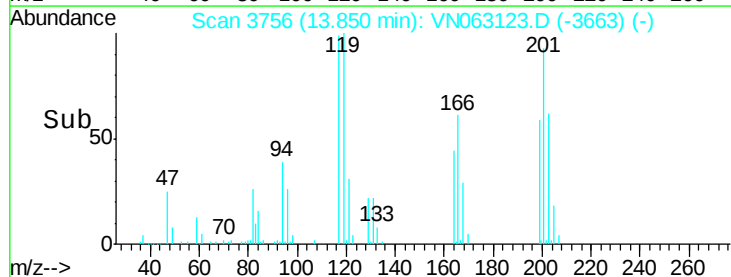
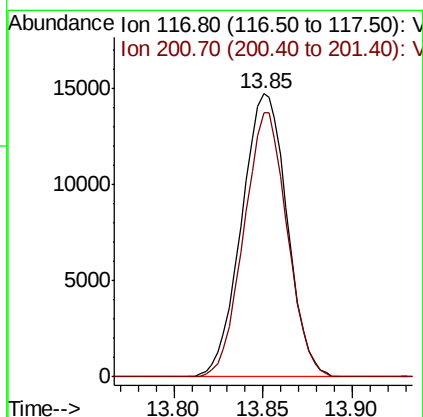
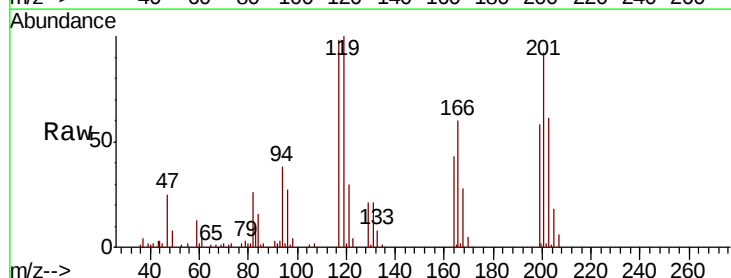
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-498-500MS

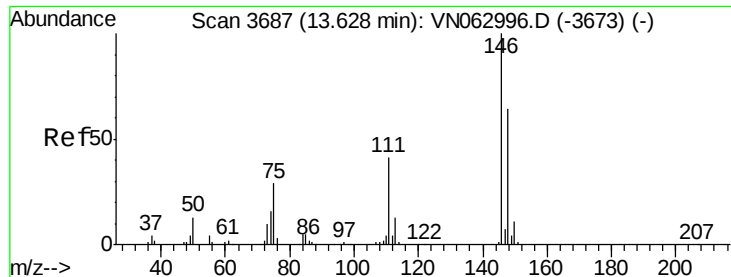
Tot Ion: 91 Resp: 308828
Ion Ratio Lower Upper
91 100
92 51.8 25.9 77.6
134 25.1 12.4 37.0



#90
Hexachloroethane
Concen: 16.284 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN063123.D
Acq: 25 Aug 2020 19:52

Tgt Ion: 117 Resp: 26270
Ion Ratio Lower Upper
117 100
201 88.8 44.1 132.4

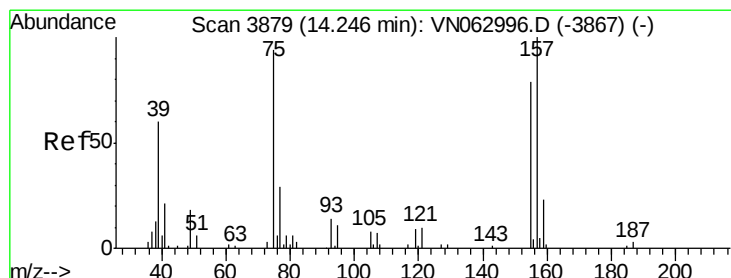
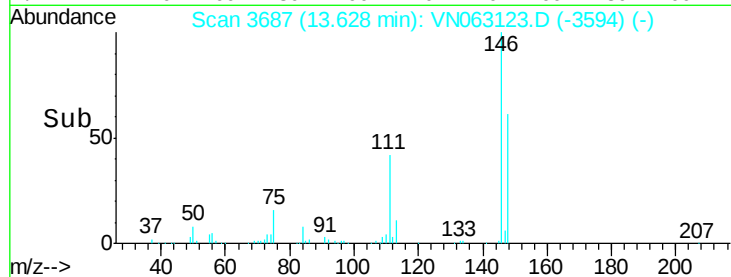
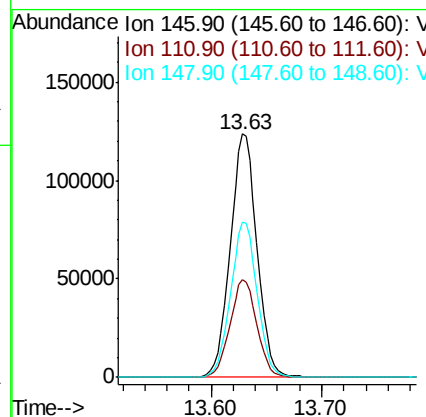
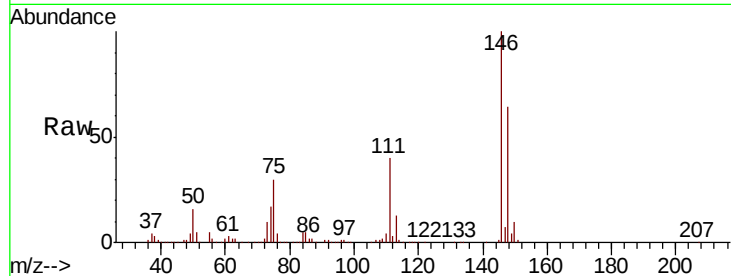




#91
 1,2-Dichlorobenzene
 Concen: 50.254 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN063123.D
 Acq: 25 Aug 2020 19:52

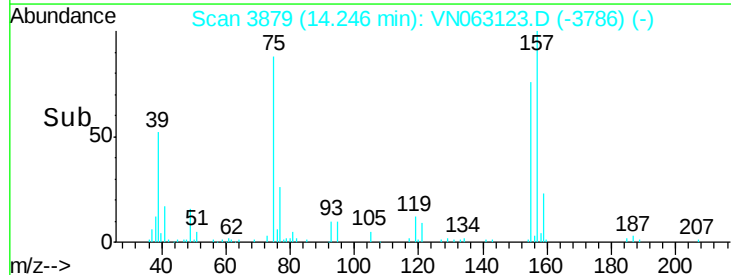
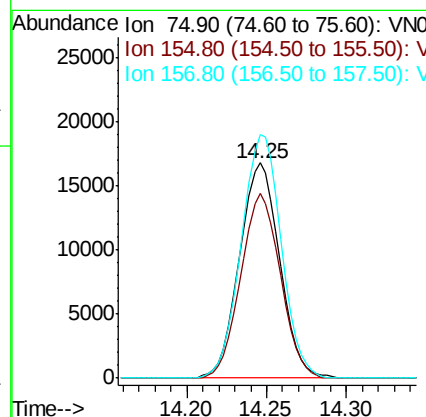
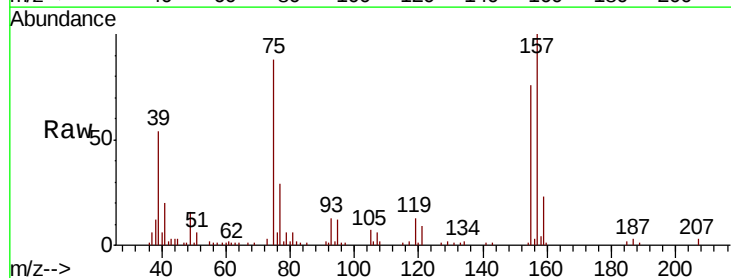
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-498-500MS

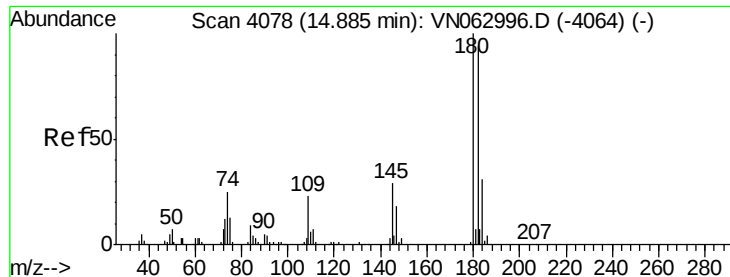
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.2	60.5
148	63.6	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 63.265 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN063123.D
 Acq: 25 Aug 2020 19:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.6	42.4	127.1
157	112.9	55.2	165.6

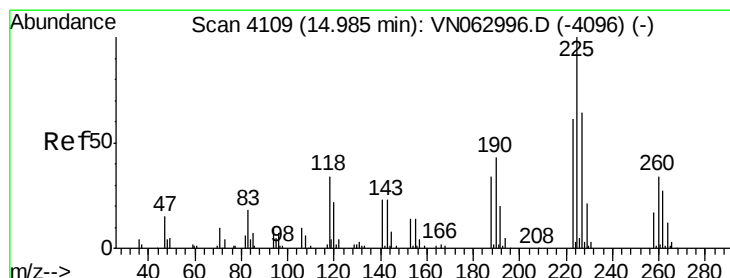
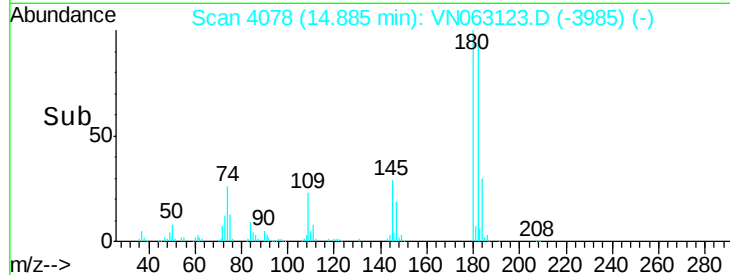
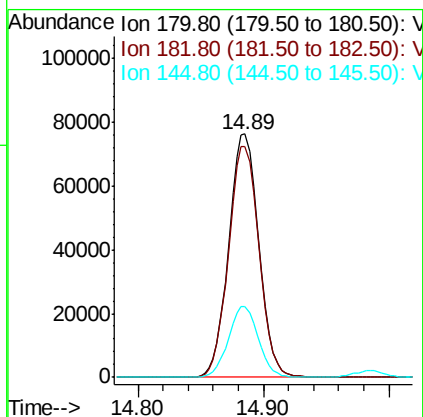
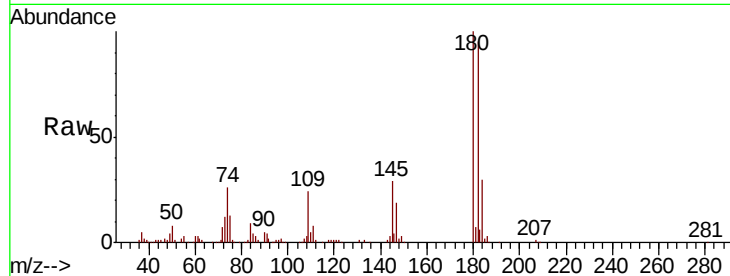




#93
 1,2,4-Trichlorobenzene
 Concen: 55.120 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN063123.D
 Acq: 25 Aug 2020 19:52

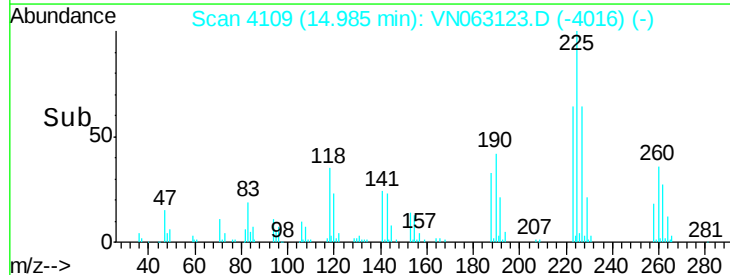
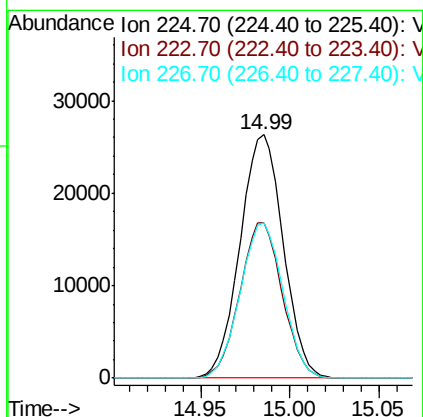
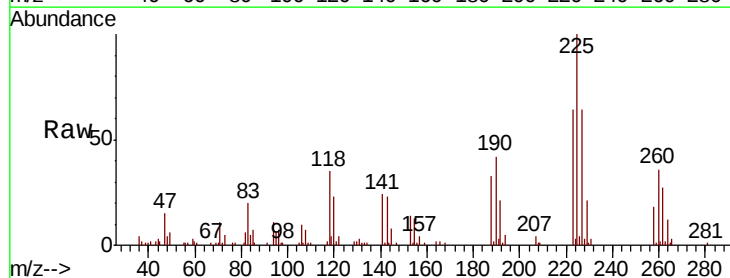
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-498-500MS

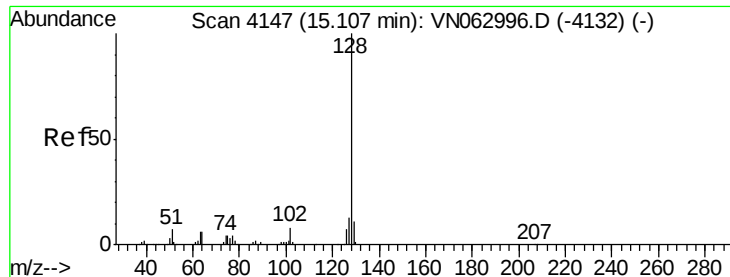
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.0	141.2
145	29.1	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 29.146 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN063123.D
 Acq: 25 Aug 2020 19:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	30.9	92.5
227	63.0	31.9	95.9

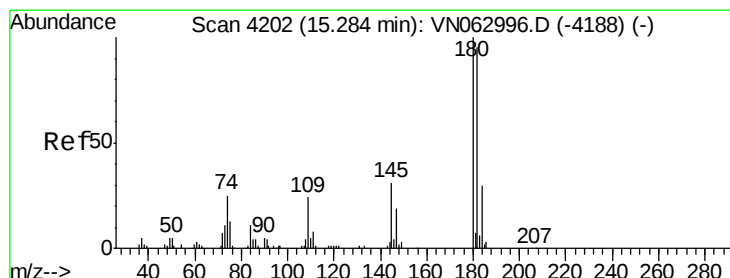
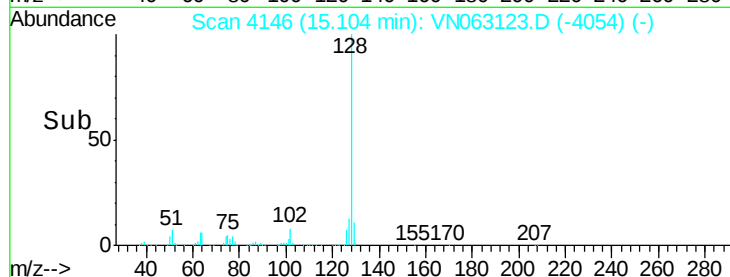
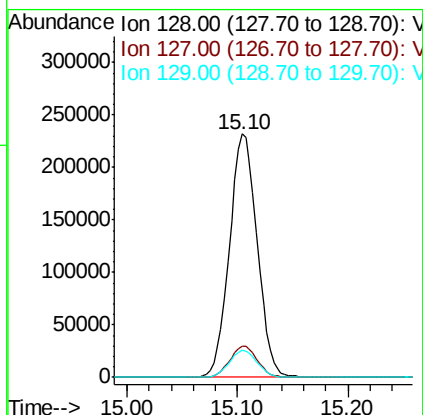
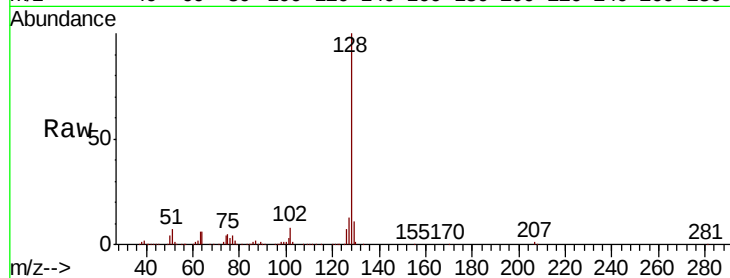




#95
Naphthalene
Concen: 73.891 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN063123.D
Acq: 25 Aug 2020 19:52

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-498-500MS

Tot Ion:128 Resp: 404899
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 11.1 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 56.180 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN063123.D
Acq: 25 Aug 2020 19:52

Tgt Ion:180 Resp: 127100
Ion Ratio Lower Upper
180 100
182 94.2 47.3 141.9
145 30.8 15.6 46.7

