

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090220\
 Data File : VN063191.D
 Acq On : 2 Sep 2020 13:29
 Operator : JC/MD
 Sample : L3889-04MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-783-785MSD

Quant Time: Sep 03 00:59:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	417103	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	767581	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	723553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	337766	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	332853	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
35) Dibromofluoromethane	7.55	113	240844	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
50) Toluene-d8	10.06	98	905144	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
62) 4-Bromofluorobenzene	12.38	95	324346	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	188788	45.959	ug/l	98
3) Chloromethane	2.03	50	257360	43.026	ug/l	97
4) Vinyl Chloride	2.17	62	285095	43.148	ug/l	98
5) Bromomethane	2.53	94	252725	45.439	ug/l	96
6) Chloroethane	2.67	64	247254	47.065	ug/l	96
7) Trichlorofluoromethane	2.98	101	462066	50.749	ug/l	98
8) Diethyl Ether	3.38	74	147104	46.532	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	211683	47.134	ug/l	99
10) Methyl Iodide	3.91	142	270368	44.140	ug/l	99
11) Tert butyl alcohol	4.73	59	219088	261.767	ug/l #	86
12) 1,1-Dichloroethene	3.70	96	213332	46.617	ug/l	99
13) Acrolein	3.57	56	128711	394.223	ug/l	98
14) Allyl chloride	4.28	41	391300	48.145	ug/l	97
15) Acrylonitrile	4.93	53	573110	244.511	ug/l	99
16) Acetone	3.77	43	493215	254.460	ug/l	99
17) Carbon Disulfide	4.01	76	601155	44.134	ug/l	100
18) Methyl Acetate	4.28	43	269396	54.206	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	836456	49.271	ug/l	98
20) Methylene Chloride	4.51	84	262494	48.144	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	248020	49.056	ug/l	97
22) Diisopropyl ether	5.90	45	870185	47.778	ug/l	97
23) Vinyl Acetate	5.84	43	3680370	253.252	ug/l	100
24) 1,1-Dichloroethane	5.80	63	477801	47.588	ug/l	100
25) 2-Butanone	6.78	43	811395	270.354	ug/l	100
26) 2,2-Dichloropropane	6.78	77	418152	45.966	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	292817	47.648	ug/l	98
28) Bromochloromethane	7.15	49	253492	48.325	ug/l	98
29) Tetrahydrofuran	7.16	42	533471	257.067	ug/l	97
30) Chloroform	7.33	83	500598	47.655	ug/l	99
31) Cyclohexane	7.61	56	398495	44.858	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	442292	48.862	ug/l	99
36) 1,1-Dichloropropene	7.75	75	362802	49.166	ug/l	99
37) Ethyl Acetate	6.88	43	352887	50.640	ug/l #	96
38) Carbon Tetrachloride	7.73	117	369002	49.309	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	388120	46.819	ug/l	98
40) Benzene	8.00	78	1078681	49.744	ug/l	100
41) Methacrylonitrile	7.16	41	509388	163.861	ug/l #	45
42) 1,2-Dichloroethane	8.09	62	416806	51.457	ug/l	100
43) Isopropyl Acetate	8.13	43	631381	52.465	ug/l #	91
44) Trichloroethene	8.80	130	281343	53.490	ug/l	97
45) 1,2-Dichloropropane	9.08	63	282825	49.261	ug/l	97
46) Dibromomethane	9.17	93	198927	52.284	ug/l	98
47) Bromodichloromethane	9.37	83	417783	51.228	ug/l	99
48) Methyl methacrylate	9.17	41	292000	53.824	ug/l	96
49) 1,4-Dioxane	9.17	88	92010	1096.533	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1832765	280.260	ug/l	100
52) Toluene	10.13	92	689409	51.037	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	450940	50.550	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	473276	50.542	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	268230	51.850	ug/l	99
56) Ethyl methacrylate	10.40	69	408473	51.884	ug/l	100
57) 1,3-Dichloropropane	10.68	76	469703	50.966	ug/l	100
59) 2-Hexanone	10.72	43	1324175	288.122	ug/l	99
60) Dibromochloromethane	10.87	129	303690	53.099	ug/l	98
61) 1,2-Dibromoethane	10.98	107	279810	52.031	ug/l	97
64) Tetrachloroethene	10.60	164	277046	53.321	ug/l	94
65) Chlorobenzene	11.41	112	706821	48.501	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	264947	48.967	ug/l	99
67) Ethyl Benzene	11.49	91	1337746	50.318	ug/l	99
68) m/p-Xylenes	11.59	106	984579	99.992	ug/l	100
69) o-Xylene	11.92	106	476861	50.132	ug/l	98
70) Stvrene	11.94	104	819018	50.100	ug/l	100
71) Bromoform	12.10	173	191113	52.047	ug/l #	97
73) Isopropylbenzene	12.23	105	1301531	50.240	ug/l	99
74) N-amyl acetate	12.05	43	554470	51.671	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	360602	48.281	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	506913	76.384	ug/l #	100
77) Bromobenzene	12.50	156	290937	49.657	ug/l	97
78) n-propylbenzene	12.57	91	1510412	50.384	ug/l	99
79) 2-Chlorotoluene	12.65	91	869109	48.405	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	1085725	50.350	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	127527	46.446	ug/l	98
82) 4-Chlorotoluene	12.75	91	928295	49.850	ug/l	98
83) tert-Butylbenzene	12.97	119	895431	48.419	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	1093816	50.325	ug/l	99
85) sec-Butylbenzene	13.15	105	1227983	50.949	ug/l	100
86) p-Isopropyltoluene	13.26	119	1099257	51.371	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	540911	50.255	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	537344	48.215	ug/l	99
89) n-Butylbenzene	13.59	91	997897	50.479	ug/l	98
90) Hexachloroethane	13.85	117	180311	45.520	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	534557	51.179	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	83299	50.729	ug/l	98
93) 1,2,4-Trichlorobenzene	14.88	180	286047	49.020	ug/l	99

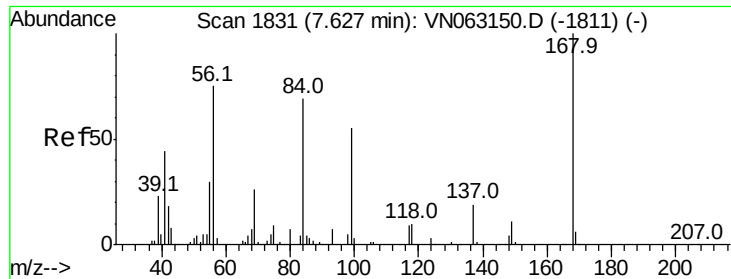
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Quant Title : SW846 8260
QLast Update : Tue Sep 01 04:21:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	101165	46.408	ug/l	96
95) Naphthalene	15.11	128	962130	49.419	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	273362	48.083	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063191.D

Acq: 2 Sep 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

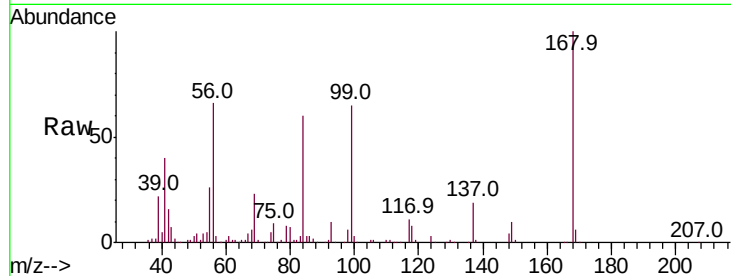
BP-VPB181-GW-783-785MSD

Tot Ion:168 Resp: 417103

Ion Ratio Lower Upper

168 100

99 65.1 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

200000

150000

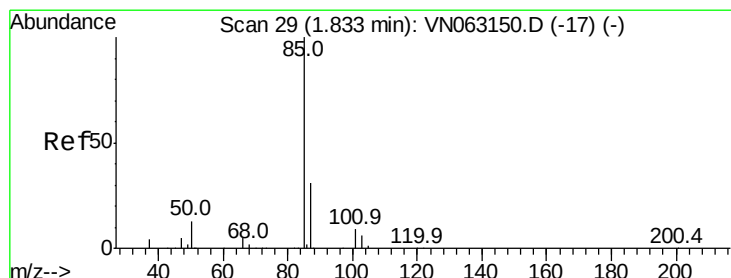
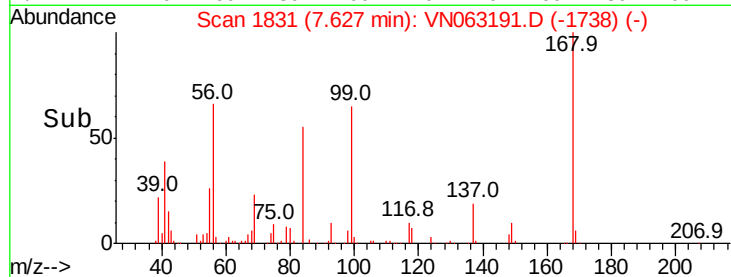
100000

50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 45.959 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063191.D

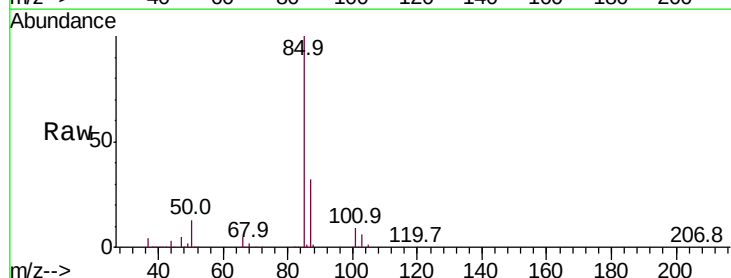
Acq: 2 Sep 2020 13:29

Tgt Ion: 85 Resp: 188788

Ion Ratio Lower Upper

85 100

87 32.4 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

150000

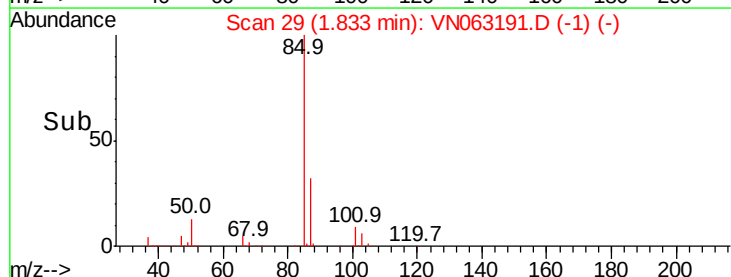
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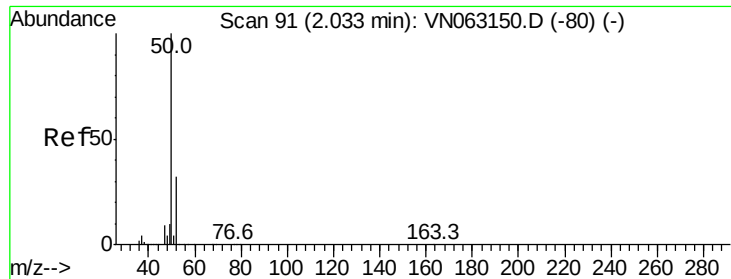
50000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 43.026 ug/l

RT: 2.03 min Scan# 91

Delta R.T. 0.00 min

Lab File: VN063191.D

Acq: 2 Sep 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

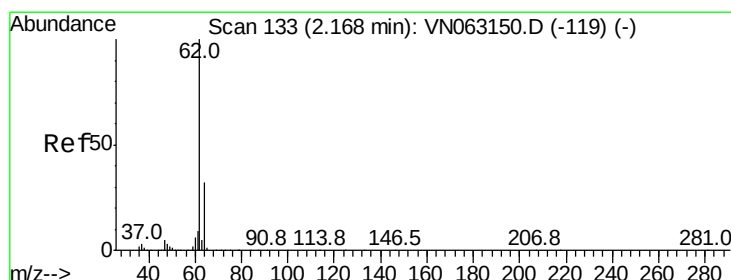
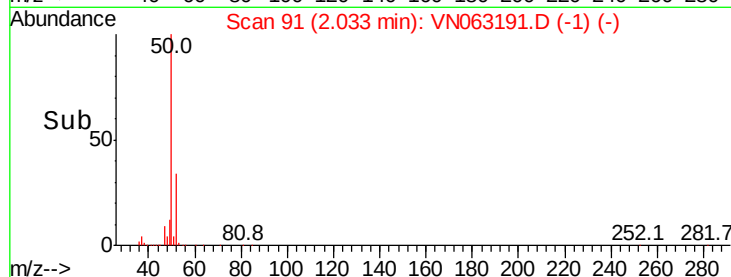
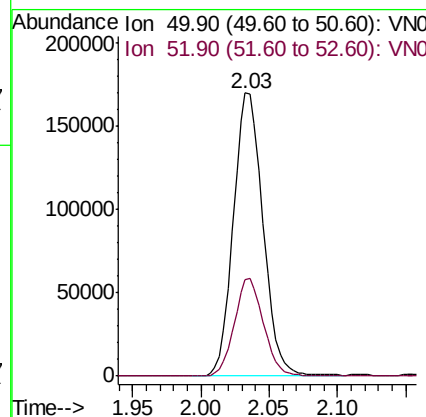
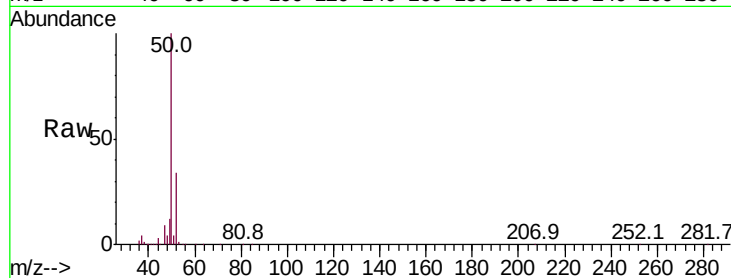
BP-VPB181-GW-783-785MSD

Tot Ion: 50 Resp: 257360

Ion Ratio Lower Upper

50 100

52 33.9 25.8 38.6



#4

Vinyl Chloride

Concen: 43.148 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063191.D

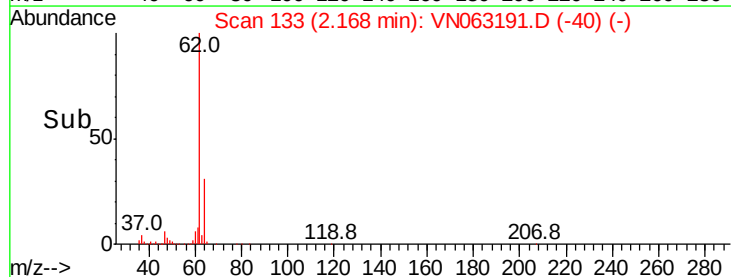
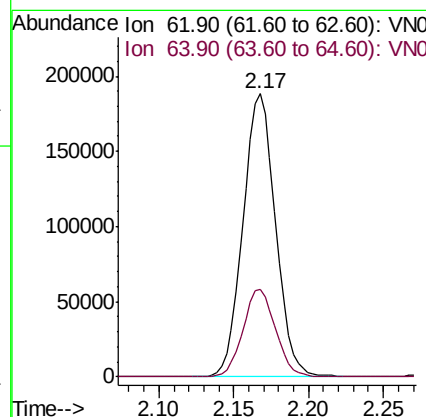
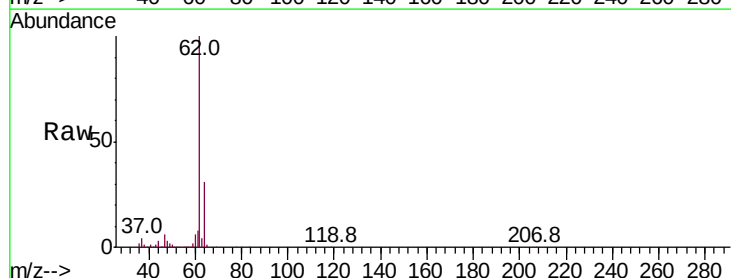
Acq: 2 Sep 2020 13:29

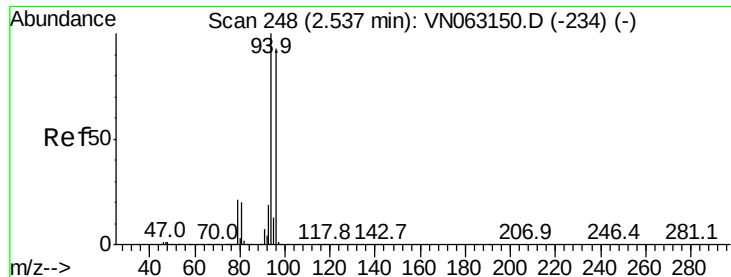
Tgt Ion: 62 Resp: 285095

Ion Ratio Lower Upper

62 100

64 30.9 25.8 38.8





#5

Bromomethane

Concen: 45.439 ug/l

RT: 2.53 min Scan# 245

Delta R.T. -0.01 min

Lab File: VN063191.D

Acq: 2 Sep 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

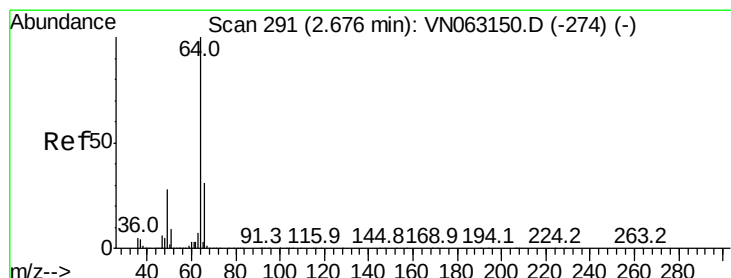
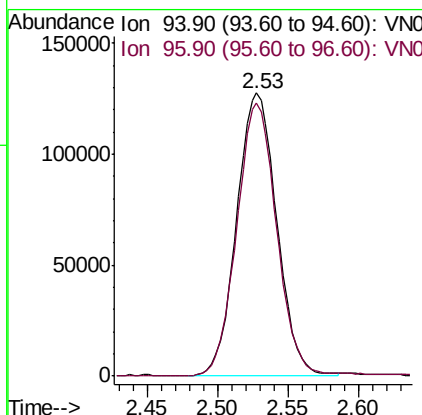
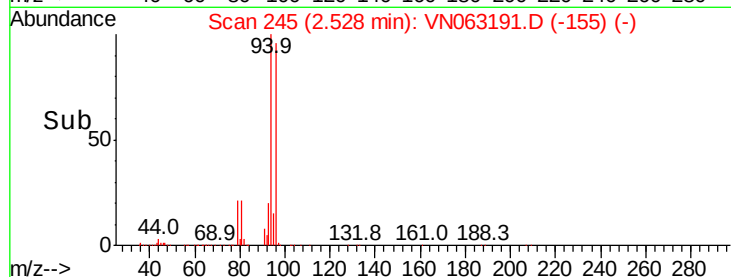
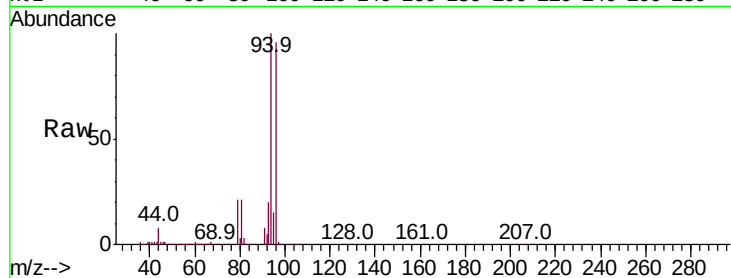
BP-VPB181-GW-783-785MSD

Tot Ion: 94 Resp: 252725

Ion Ratio Lower Upper

94 100

96 96.4 74.4 111.6



#6

Chloroethane

Concen: 47.065 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN063191.D

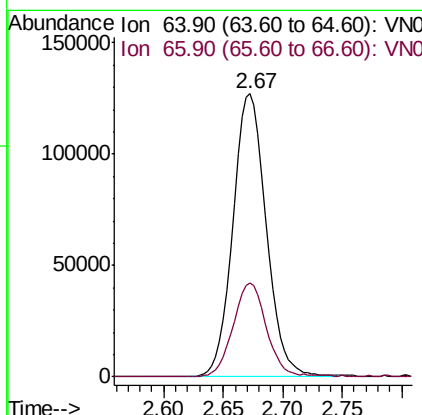
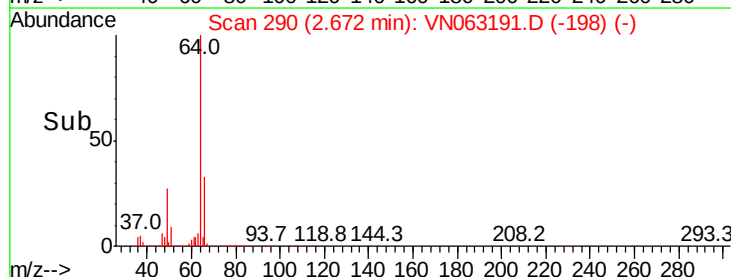
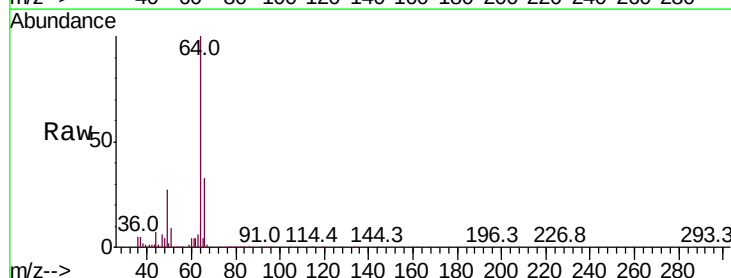
Acq: 2 Sep 2020 13:29

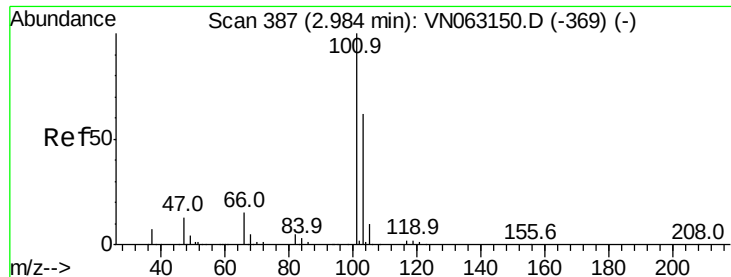
Tgt Ion: 64 Resp: 247254

Ion Ratio Lower Upper

64 100

66 33.0 24.7 37.1



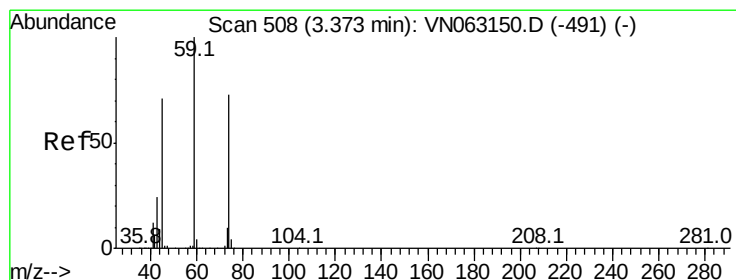
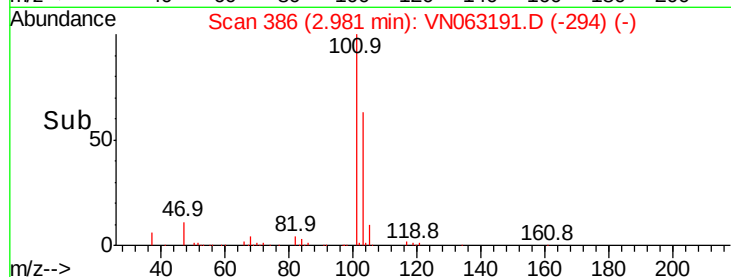
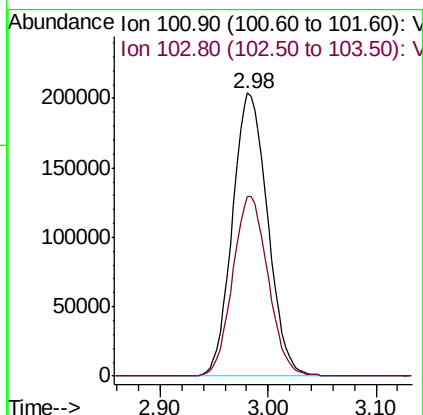
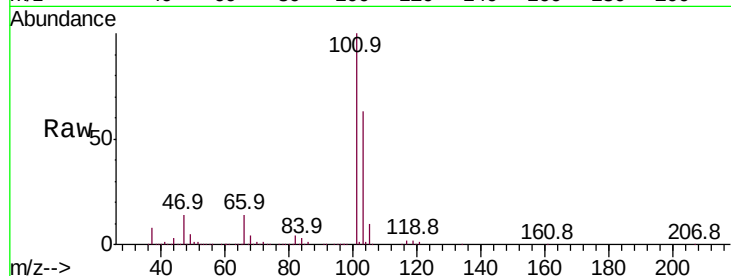


#7

Trichlorofluoromethane
 Concen: 50.749 ug/l
 RT: 2.98 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: VN063191.D
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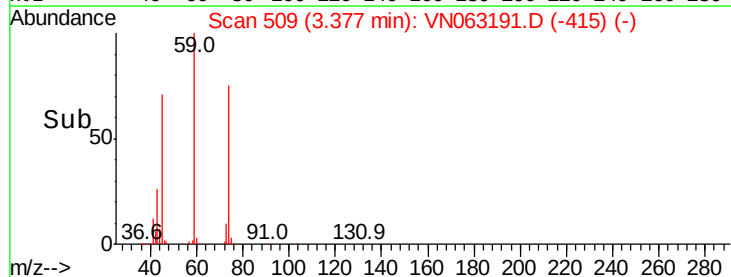
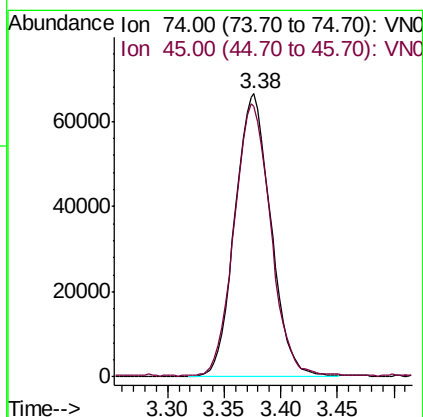
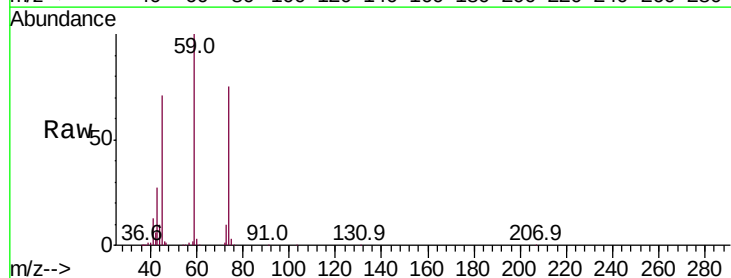
Tot Ion:101 Resp: 462066
 Ion Ratio Lower Upper
 101 100
 103 63.4 49.7 74.5

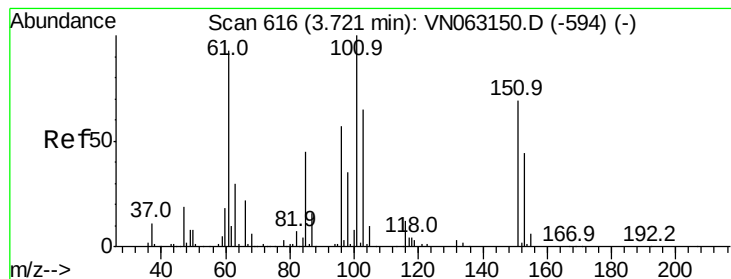


#8

Diethyl Ether
 Concen: 46.532 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063191.D
 Acq: 2 Sep 2020 13:29

Tgt Ion: 74 Resp: 147104
 Ion Ratio Lower Upper
 74 100
 45 97.1 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.134 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.00 min

Lab File: VN063191.D

Acq: 2 Sep 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-783-785MSD

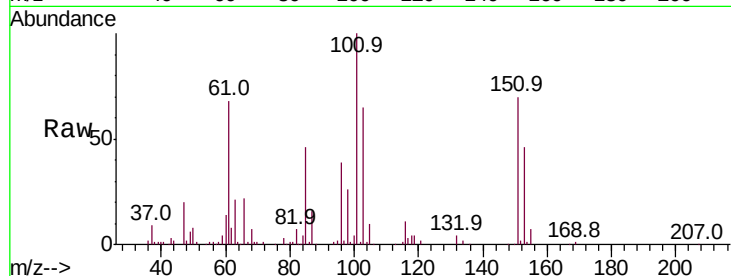
Tot Ion:101 Resp: 211683

Ion Ratio Lower Upper

101 100

85 46.8 37.8 56.8

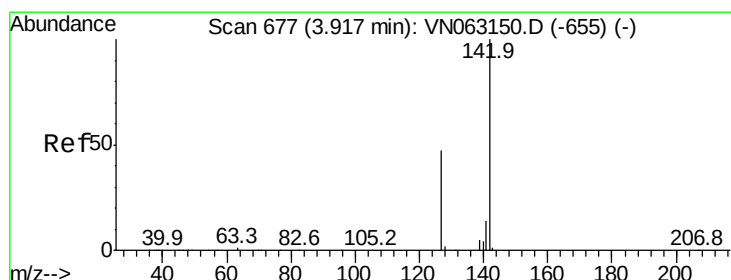
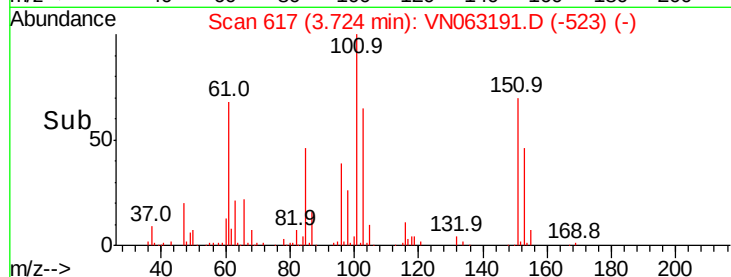
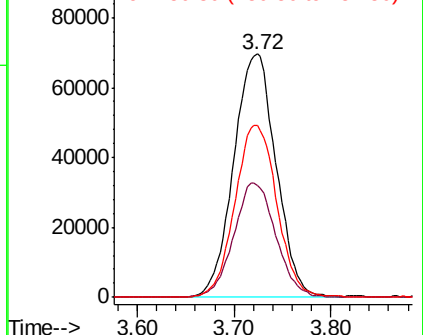
151 70.1 55.0 82.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 44.140 ug/l

RT: 3.91 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN063191.D

Acq: 2 Sep 2020 13:29

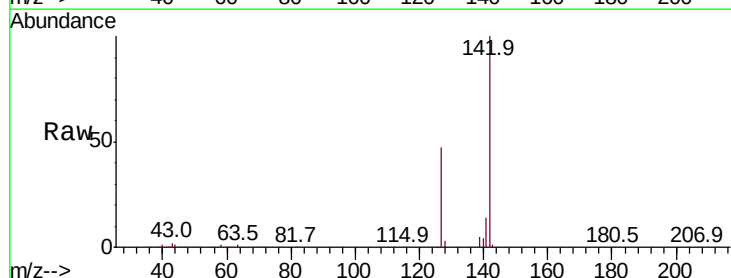
Tgt Ion:142 Resp: 270368

Ion Ratio Lower Upper

142 100

127 46.5 37.6 56.4

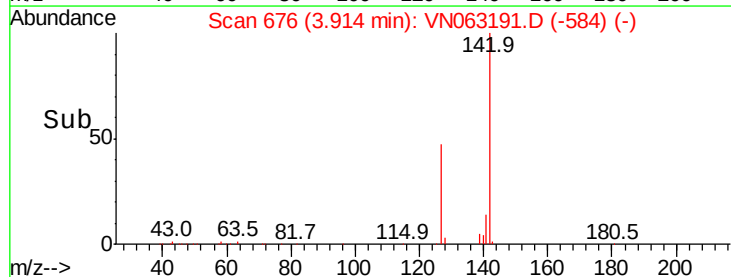
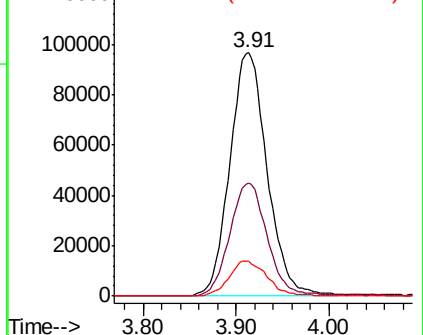
141 14.8 11.3 16.9

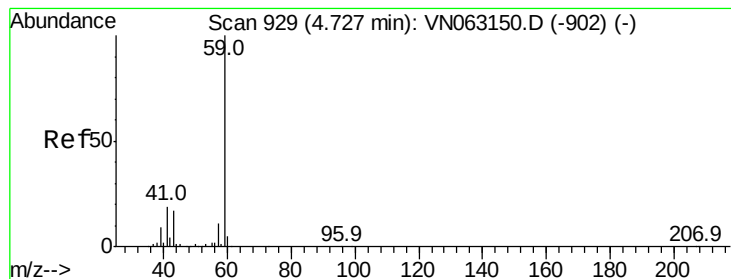


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



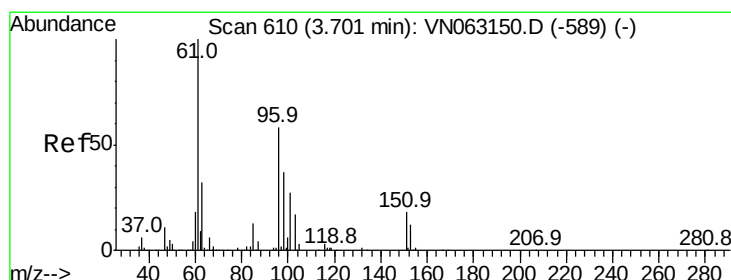
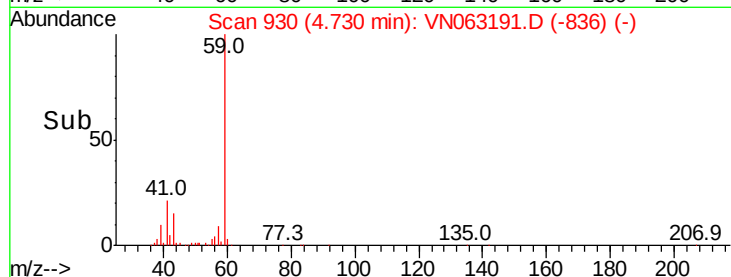
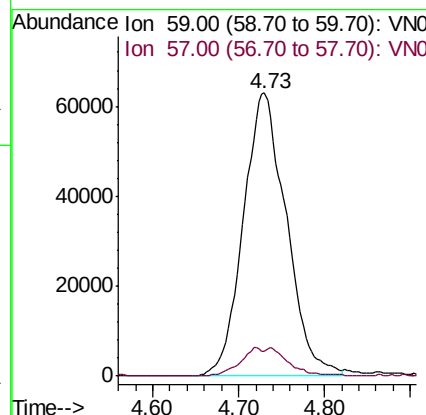
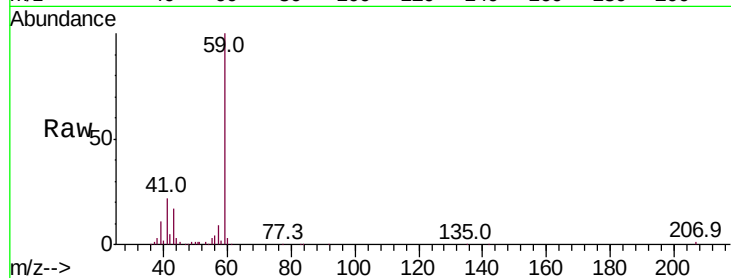


#11

Tert butyl alcohol
 Concen: 261.767 ug/l
 RT: 4.73 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: VN063191.D
 Acq: 2 Sep 2020 13:29

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-783-785MSD

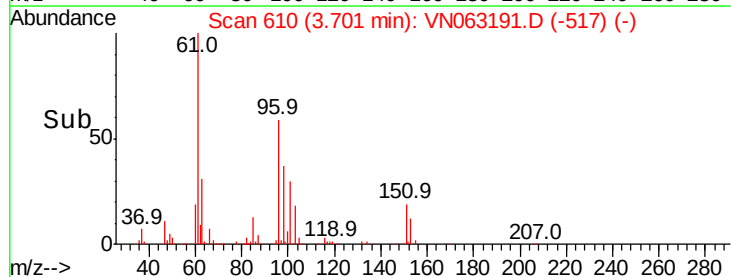
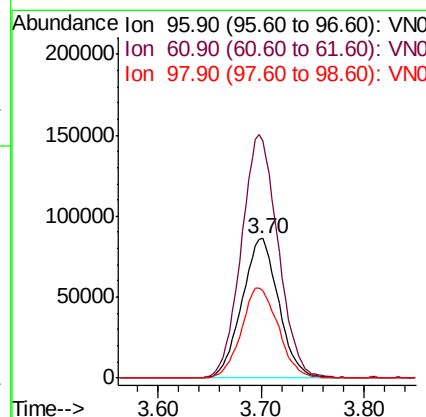
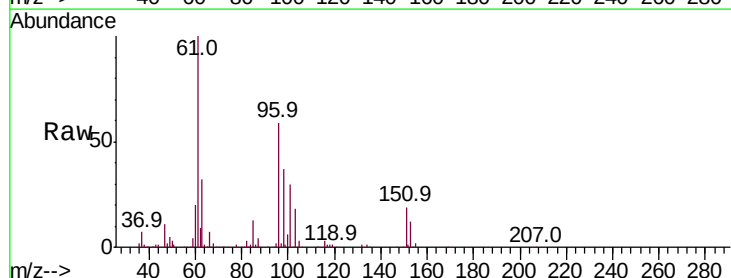
Tot Ion: 59 Resp: 219088
 Ion Ratio Lower Upper
 59 100
 57 5.1 8.4 12.6#

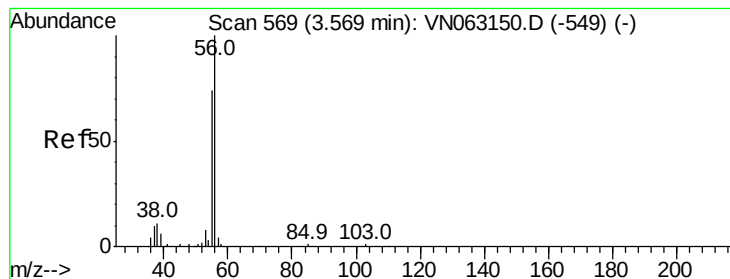


#12

1,1-Dichloroethene
 Concen: 46.617 ug/l
 RT: 3.70 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN063191.D
 Acq: 2 Sep 2020 13:29

Tgt Ion: 96 Resp: 213332
 Ion Ratio Lower Upper
 96 100
 61 169.7 137.4 206.2
 98 62.6 50.5 75.7





#13

Acrolein

Concen: 394.223 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN063191.D

Acq: 2 Sep 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

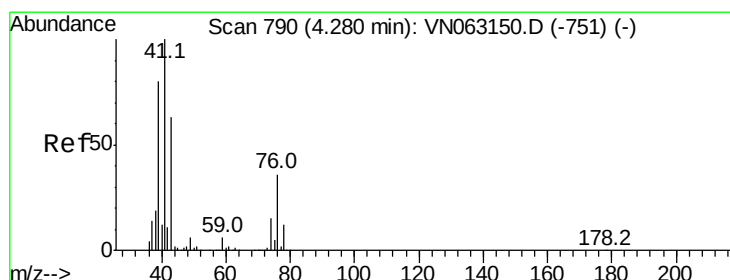
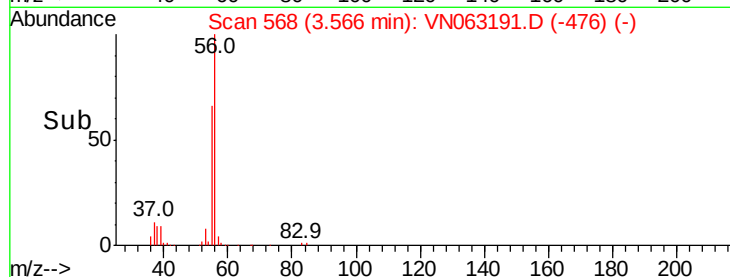
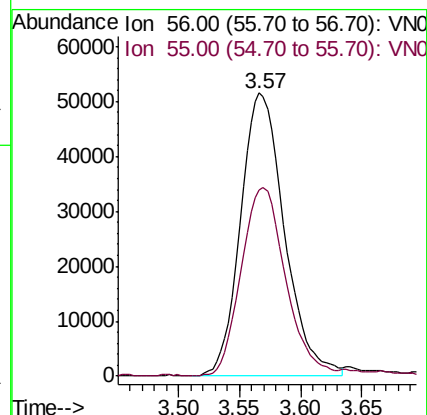
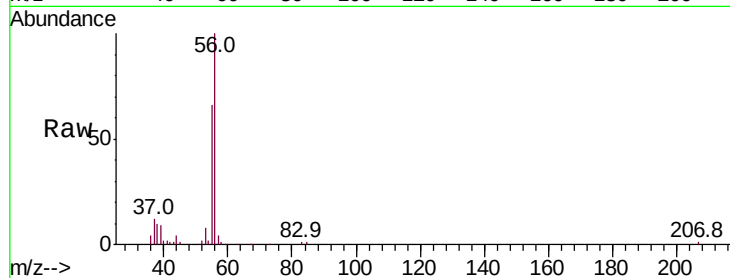
BP-VPB181-GW-783-785MSD

Tot Ion: 56 Resp: 128711

Ion Ratio Lower Upper

56 100

55 67.3 55.4 83.0



#14

Allyl chloride

Concen: 48.145 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063191.D

Acq: 2 Sep 2020 13:29

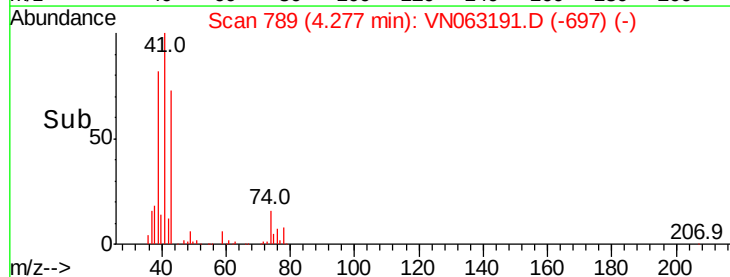
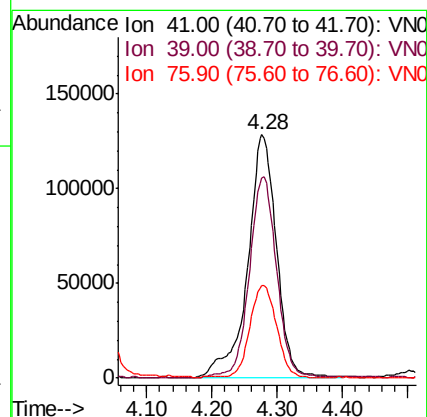
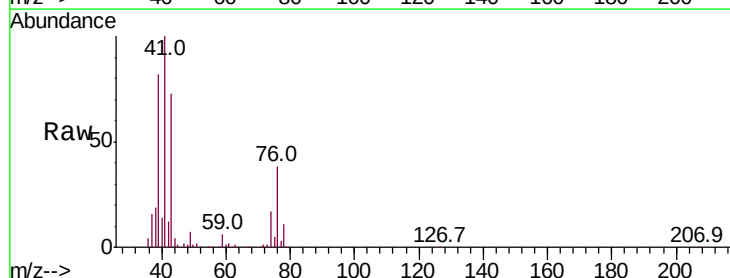
Tgt Ion: 41 Resp: 391300

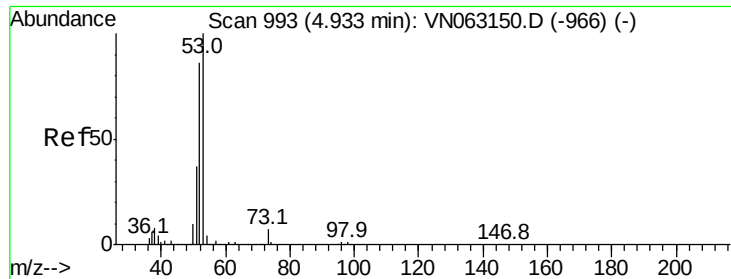
Ion Ratio Lower Upper

41 100

39 78.9 60.2 90.2

76 35.2 27.7 41.5





#15

Acrylonitrile

Concen: 244.511 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063191.D

Acq: 2 Sep 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-783-785MSD

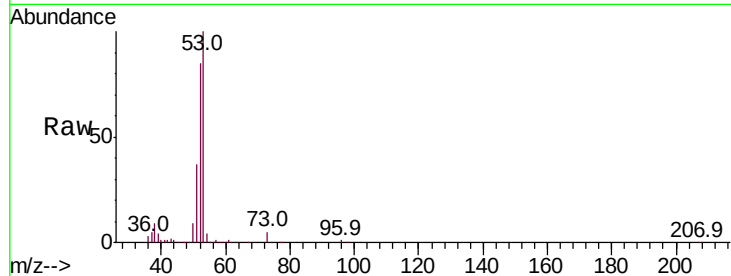
Tot Ion: 53 Resp: 573110

Ion Ratio Lower Upper

53 100

52 85.2 67.2 100.8

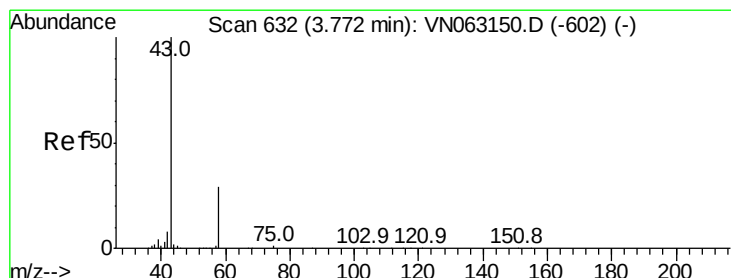
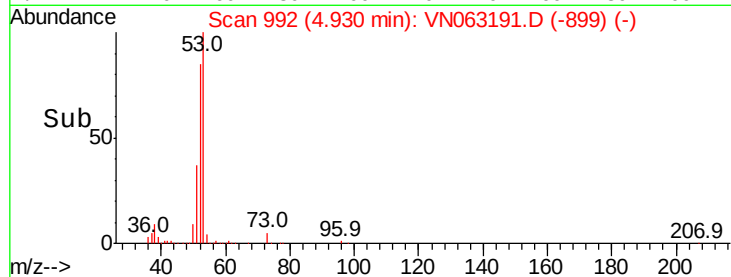
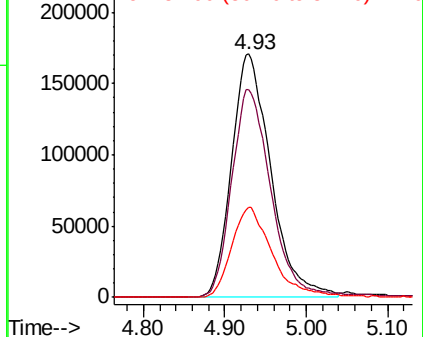
51 38.4 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 254.460 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN063191.D

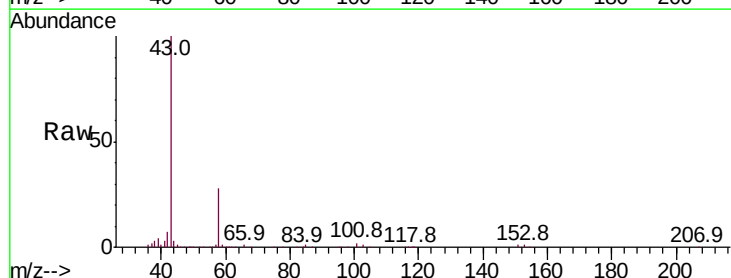
Acq: 2 Sep 2020 13:29

Tgt Ion: 43 Resp: 493215

Ion Ratio Lower Upper

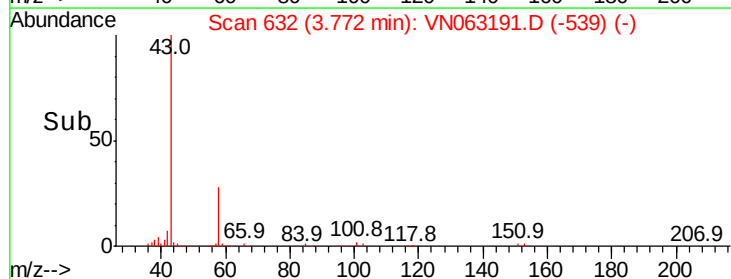
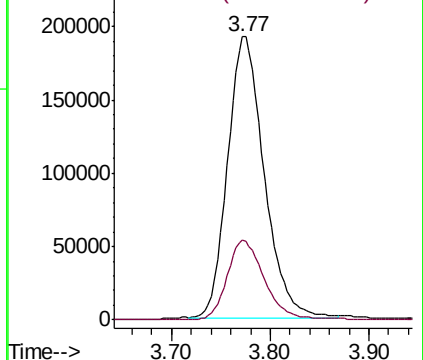
43 100

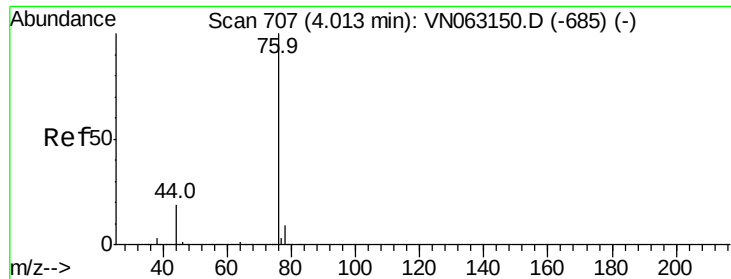
58 28.4 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

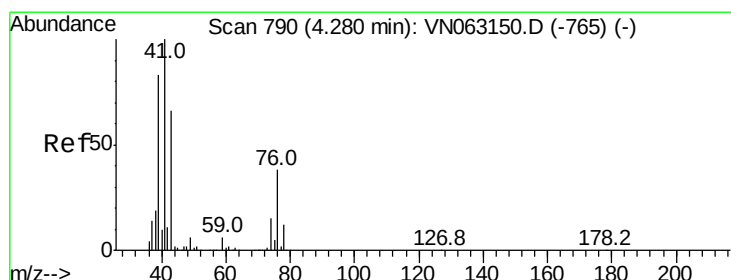
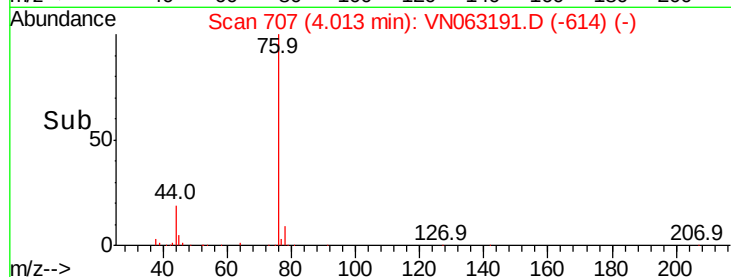
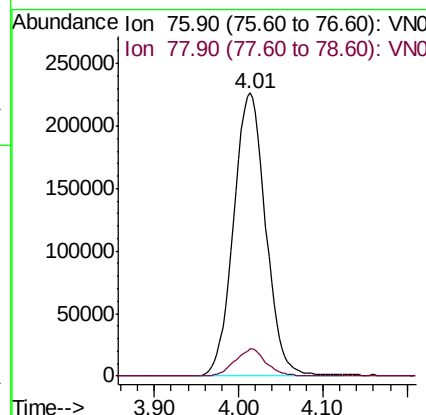
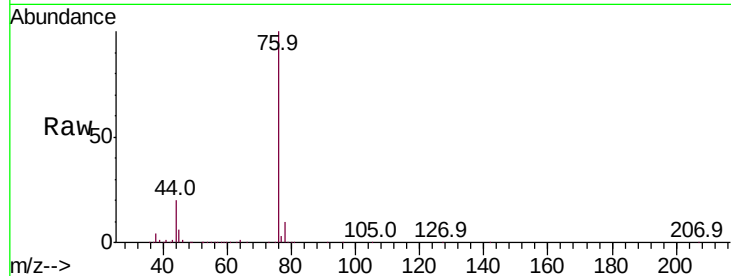




#17
Carbon Disulfide
Concen: 44.134 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN063191.D
Acq: 2 Sep 2020 13:29

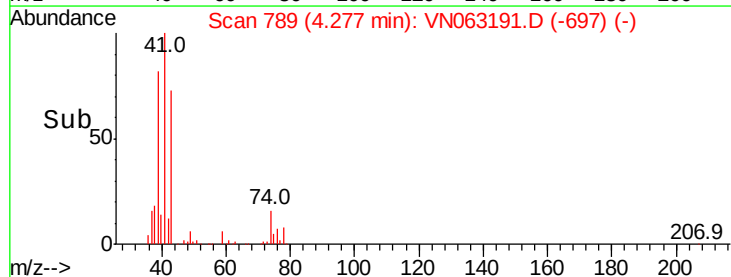
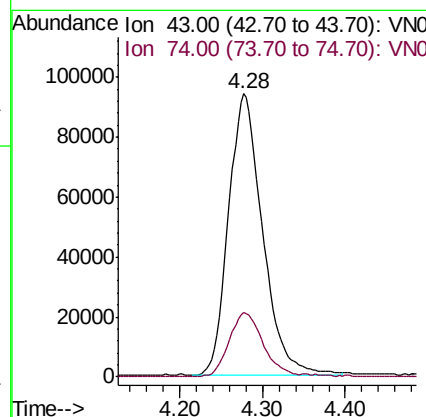
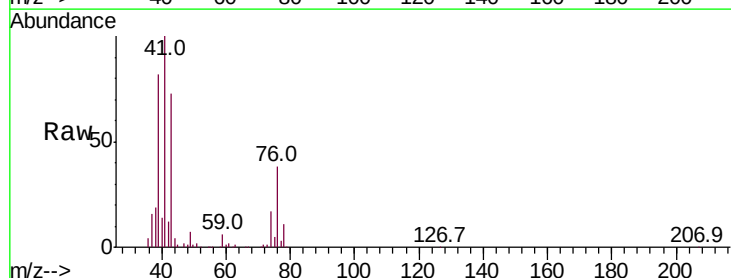
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-783-785MSD

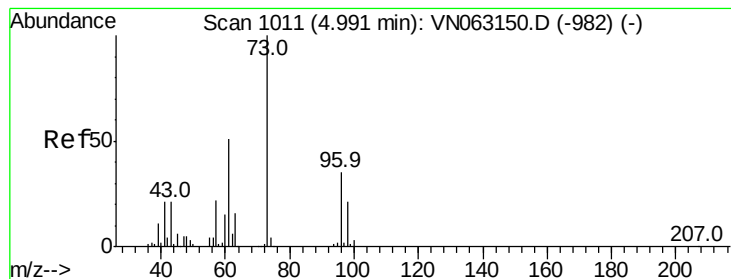
Tot Ion: 76 Resp: 601155
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3



#18
Methyl Acetate
Concen: 54.206 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063191.D
Acq: 2 Sep 2020 13:29

Tgt Ion: 43 Resp: 269396
Ion Ratio Lower Upper
43 100
74 22.7 19.0 28.6



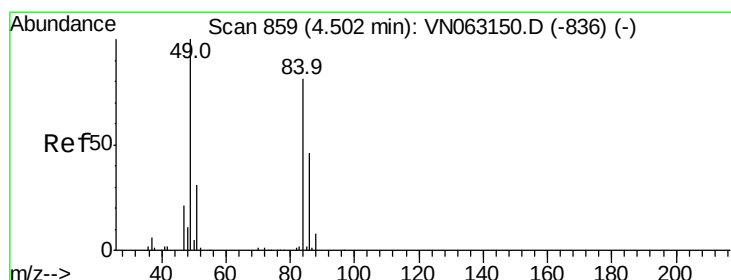
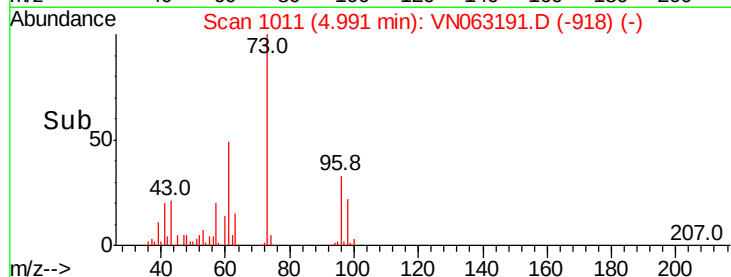
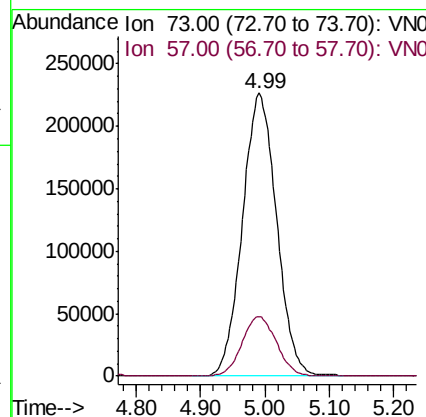
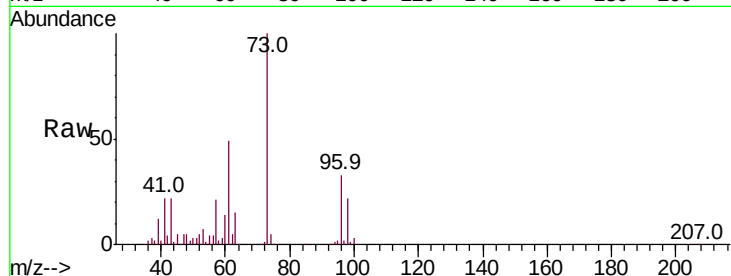


#19

Methvl tert-butvl Ether
 Concen: 49.271 ug/l
 RT: 4.99 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VN063191.D
 Acq: 2 Sep 2020 13:29

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-783-785MSD

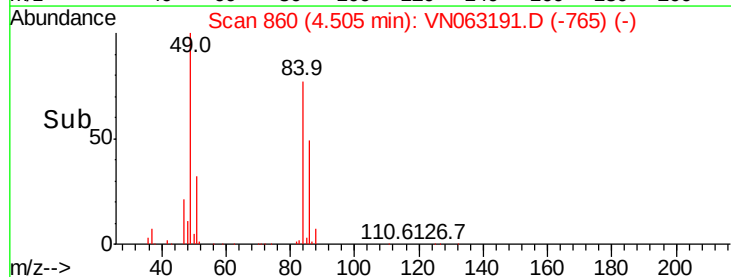
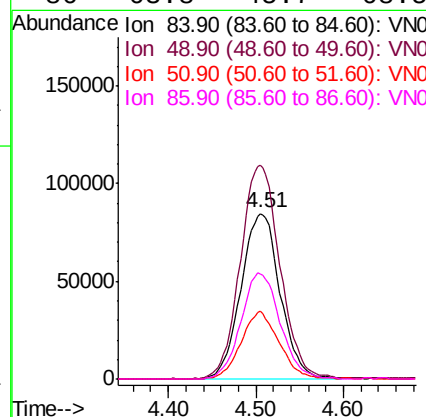
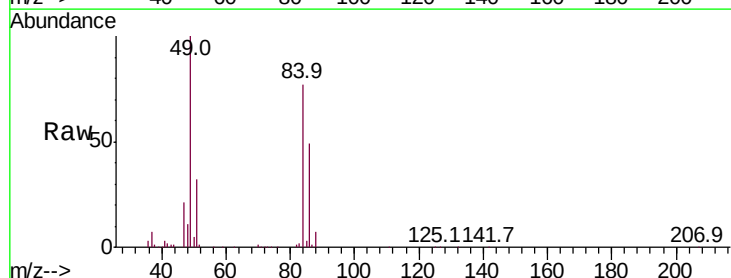
Tot Ion: 73 Resp: 836456
 Ion Ratio Lower Upper
 73 100
 57 21.0 17.6 26.4

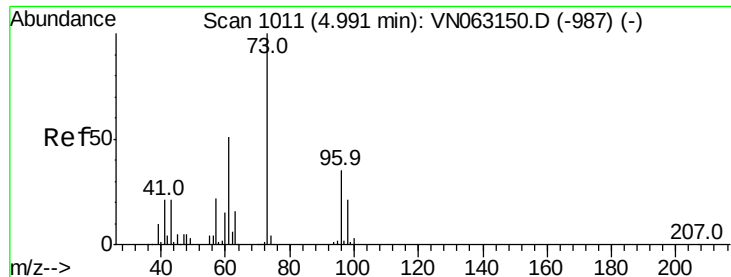


#20

Methylene Chloride
 Concen: 48.144 ug/l
 RT: 4.51 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: VN063191.D
 Acq: 2 Sep 2020 13:29

Tgt Ion: 84 Resp: 262494
 Ion Ratio Lower Upper
 84 100
 49 129.1 98.4 147.6
 51 41.2 30.4 45.6
 86 63.8 45.7 68.5





#21

trans-1,2-Dichloroethene

Concen: 49.056 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.00 min

Lab File: VN063191.D

Acq: 2 Sep 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-783-785MSD

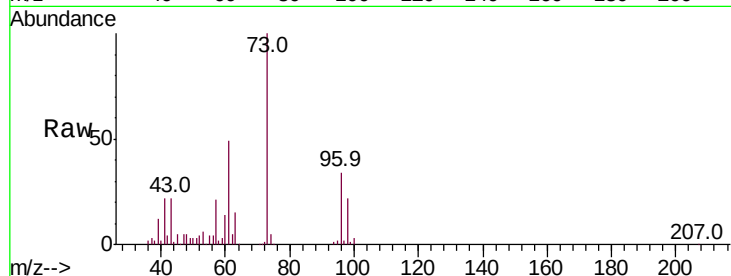
Tot Ion: 96 Resp: 248020

Ion Ratio Lower Upper

96 100

61 143.2 116.2 174.4

98 65.6 48.0 72.0



Abundance Ion 95.90 (95.60 to 96.60): VN063150.D (-987) (-)

Ion 60.90 (60.60 to 61.60): VN063150.D (-987) (-)

Ion 97.90 (97.60 to 98.60): VN063150.D (-987) (-)

150000

100000

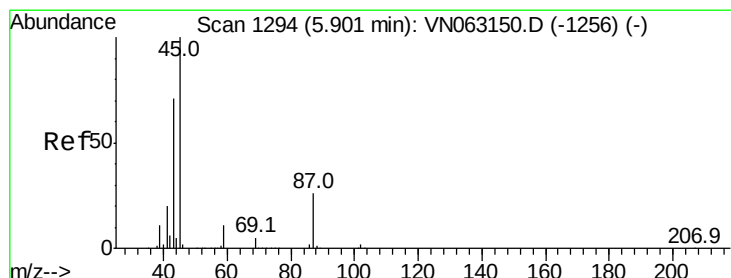
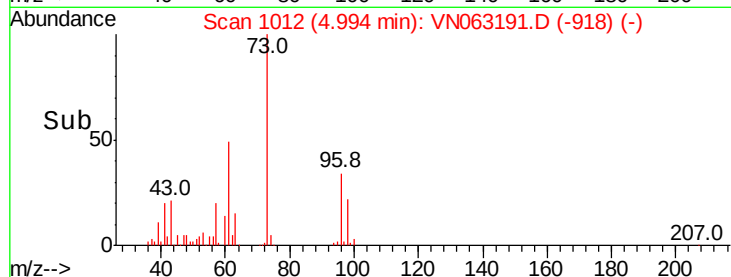
50000

0

4.90 5.00 5.10

4.99

Time-->



#22

Diisopropyl ether

Concen: 47.778 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VN063191.D

Acq: 2 Sep 2020 13:29

Tgt Ion: 45 Resp: 870185

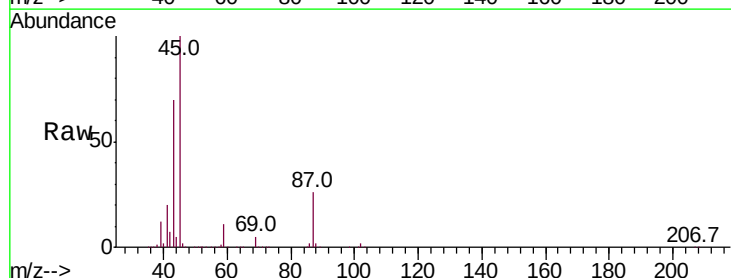
Ion Ratio Lower Upper

45 100

43 67.9 56.8 85.2

87 26.0 21.1 31.7

59 11.3 8.9 13.3



Abundance Ion 45.00 (44.70 to 45.70): VN063150.D (-1256) (-)

Ion 43.00 (42.70 to 43.70): VN063150.D (-1256) (-)

Ion 87.00 (86.70 to 87.70): VN063150.D (-1256) (-)

Ion 59.00 (58.70 to 59.70): VN063150.D (-1256) (-)

1500000

1000000

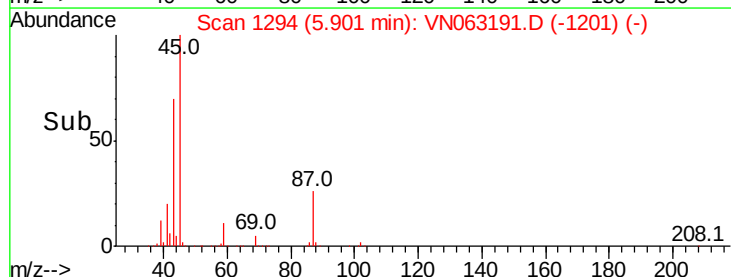
500000

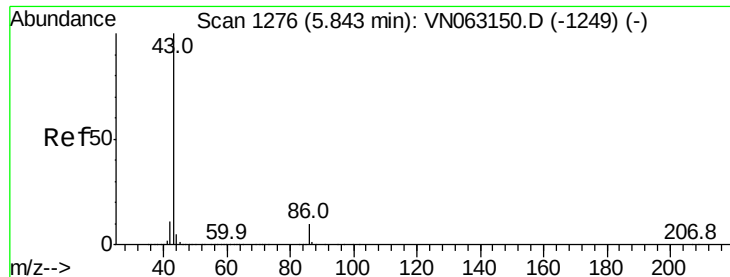
0

5.70 5.80 5.90 6.00

5.90

Time-->





#23

Vinyl Acetate

Concen: 253.252 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN063191.D

Acq: 2 Sep 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

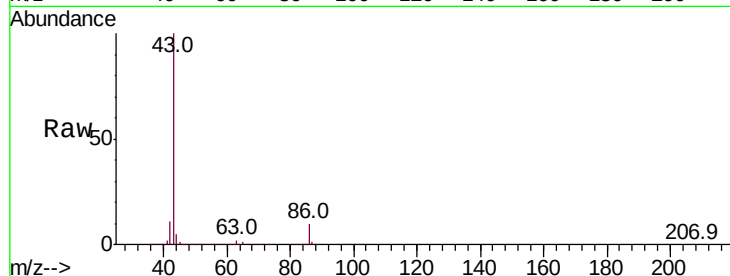
BP-VPB181-GW-783-785MSD

Tot Ion: 43 Resp: 3680370

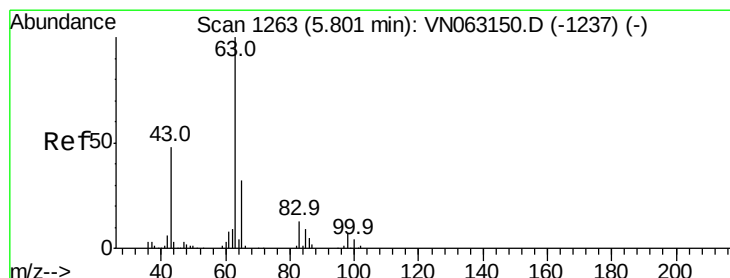
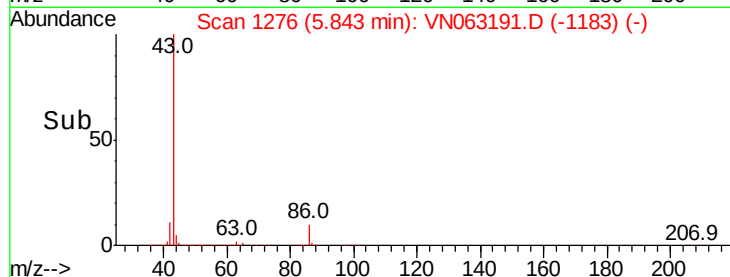
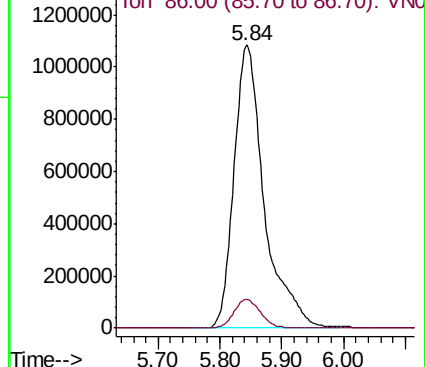
Ion Ratio Lower Upper

43 100

86 10.2 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VN063150.D (-1249) (-)



#24

1,1-Dichloroethane

Concen: 47.588 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN063191.D

Acq: 2 Sep 2020 13:29

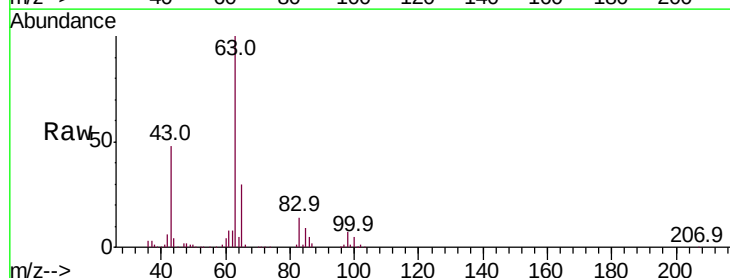
Tgt Ion: 63 Resp: 477801

Ion Ratio Lower Upper

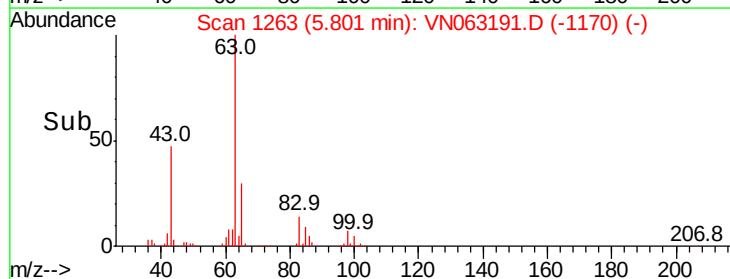
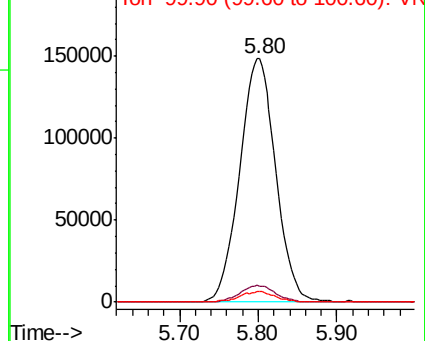
63 100

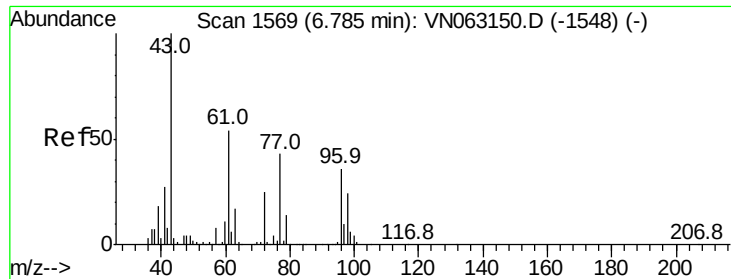
98 6.7 3.4 10.1

100 4.6 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VN063150.D (-1237) (-)

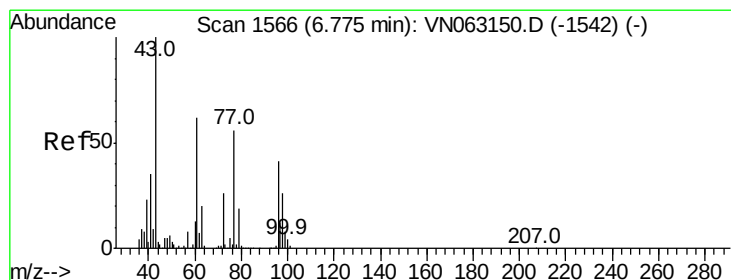
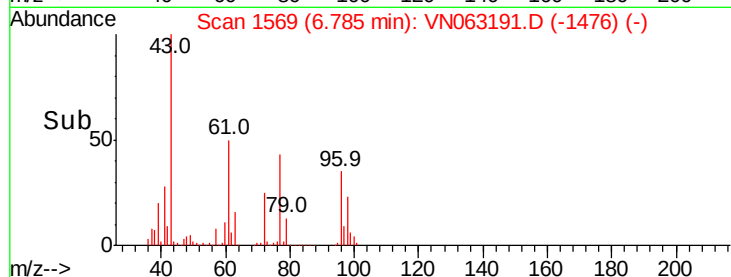
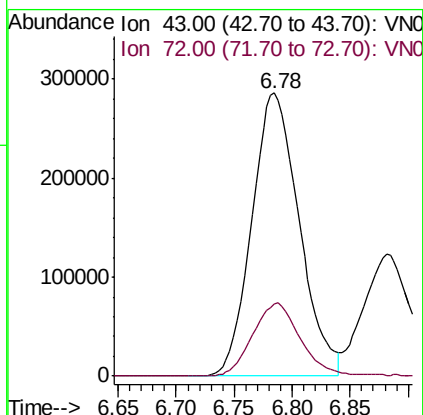
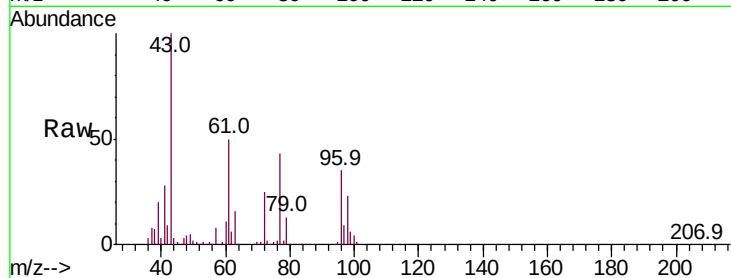




#25
2-Butanone
Concen: 270.354 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063191.D
Acq: 2 Sep 2020 13:29

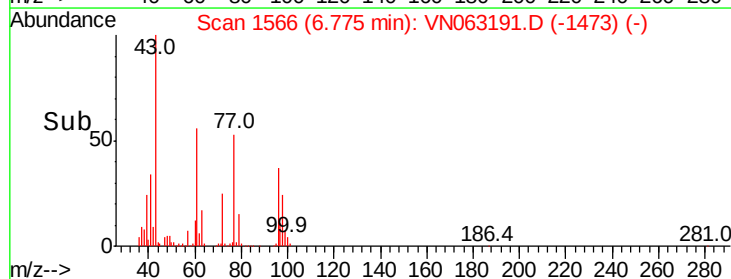
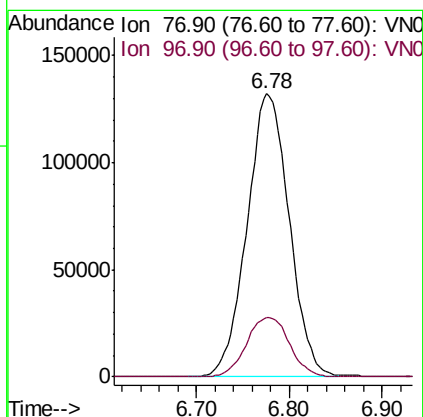
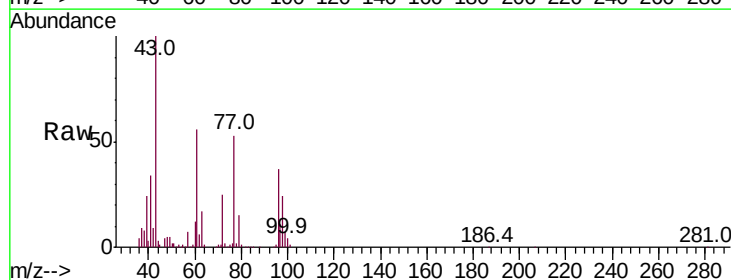
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-783-785MSD

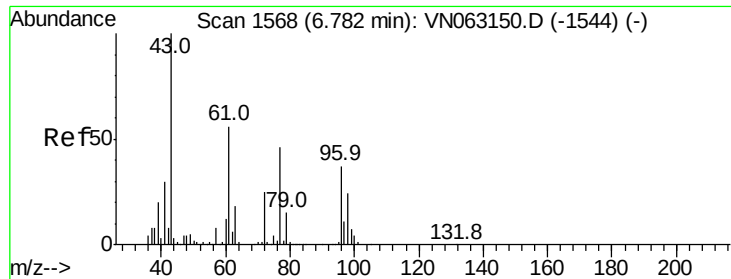
Tot Ion: 43 Resp: 811395
Ion Ratio Lower Upper
43 100
72 25.5 20.2 30.4



#26
2,2-Dichloropropane
Concen: 45.966 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN063191.D
Acq: 2 Sep 2020 13:29

Tgt Ion: 77 Resp: 418152
Ion Ratio Lower Upper
77 100
97 21.5 10.7 31.9

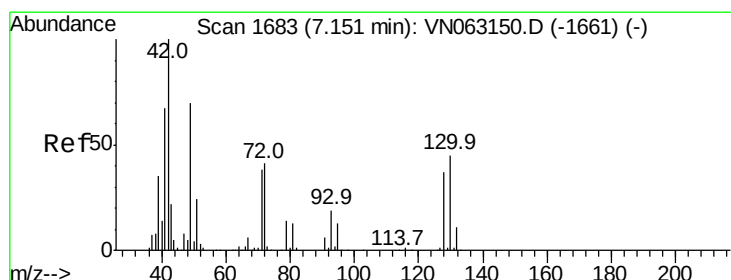
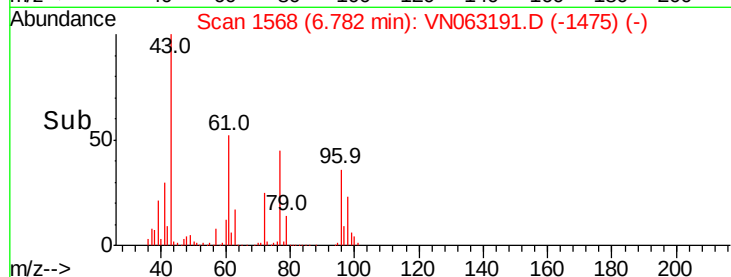
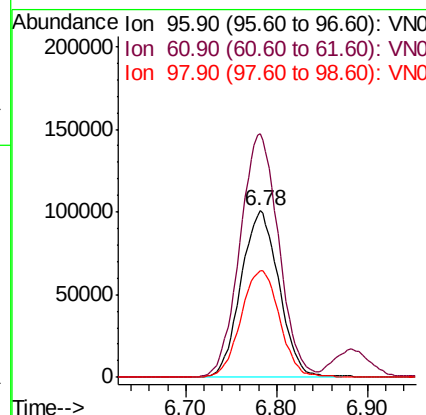
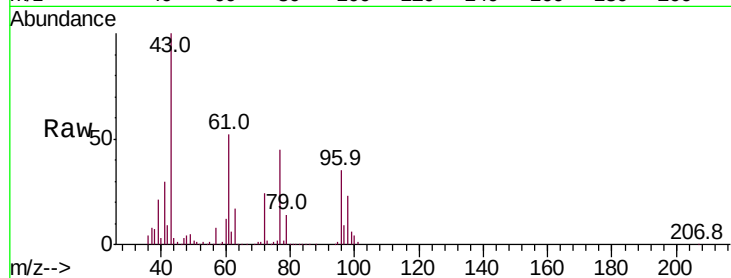




#27
 cis-1,2-Dichloroethene
 Concen: 47.648 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN063191.D
 Acq: 2 Sep 2020 13:29

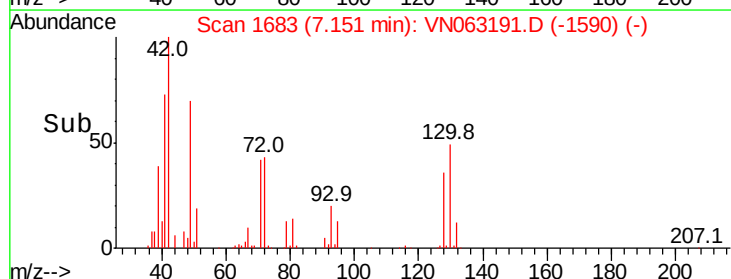
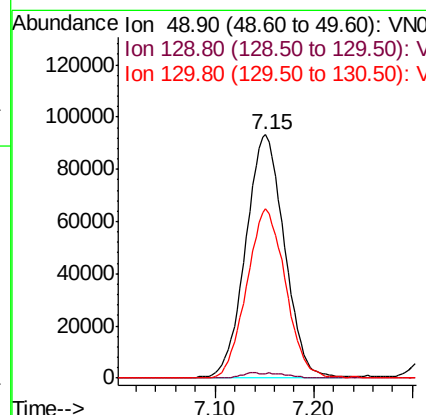
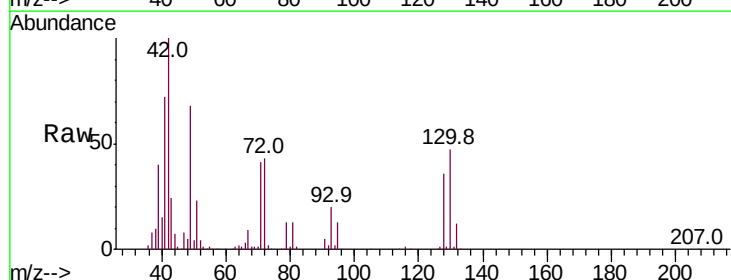
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-783-785MSD

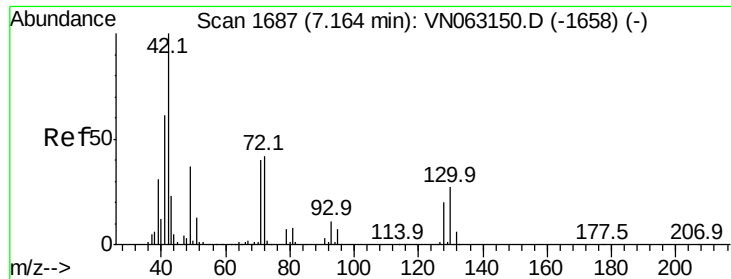
Tot Ion	96	Resp	292817
Ion	Ratio	Lower	Upper
96	100		
61	148.7	0.0	303.2
98	65.0	0.0	129.0



#28
 Bromochloromethane
 Concen: 48.325 ug/l
 RT: 7.15 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: VN063191.D
 Acq: 2 Sep 2020 13:29

Tgt Ion	49	Resp	253492
Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	4.0
130	69.4	54.4	81.6

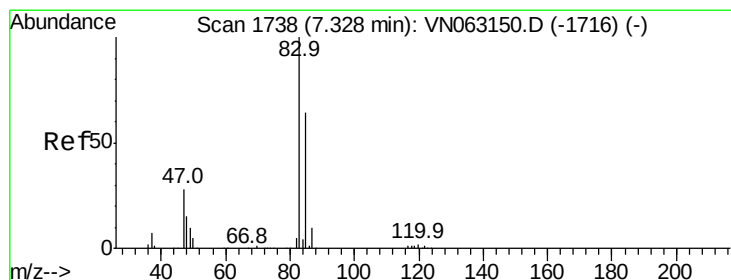
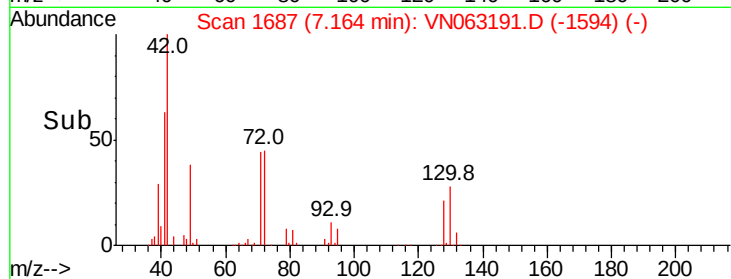
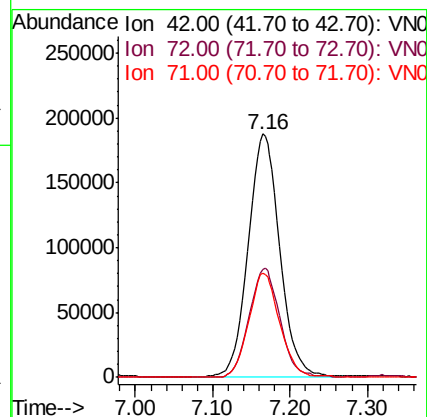
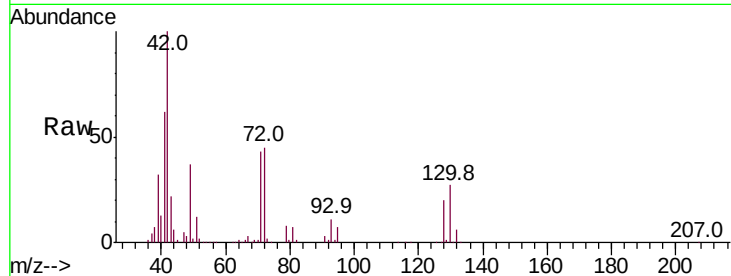




#29
Tetrahydrofuran
Concen: 257.067 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN063191.D
Acq: 2 Sep 2020 13:29

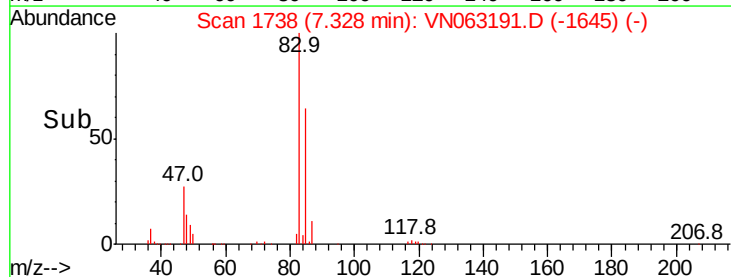
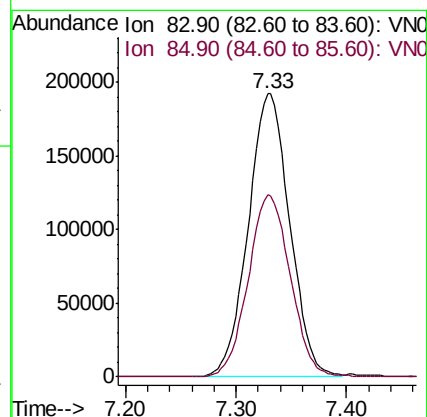
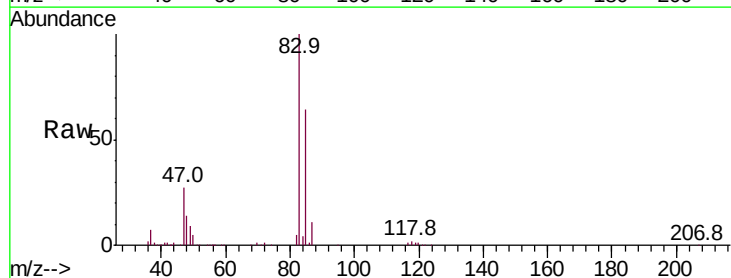
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-783-785MSD

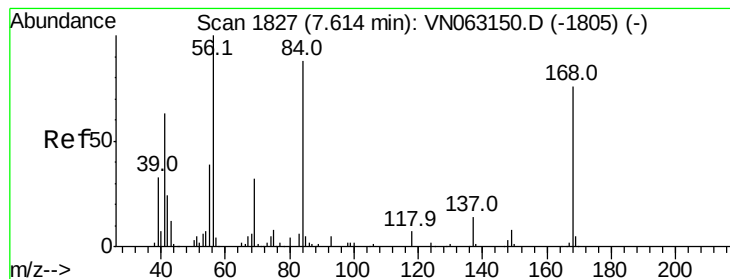
Tot Ion: 42 Resp: 533471
Ion Ratio Lower Upper
42 100
72 43.7 33.9 50.9
71 42.2 31.9 47.9



#30
Chloroform
Concen: 47.655 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN063191.D
Acq: 2 Sep 2020 13:29

Tgt Ion: 83 Resp: 500598
Ion Ratio Lower Upper
83 100
85 64.2 51.0 76.6





#31

Cyclohexane

Concen: 44.858 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN063191.D

Acq: 2 Sep 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-783-785MSD

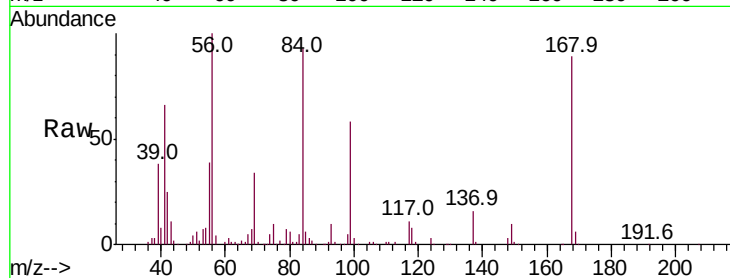
Tot Ion: 56 Resp: 398495

Ion Ratio Lower Upper

56 100

69 33.8 25.4 38.0

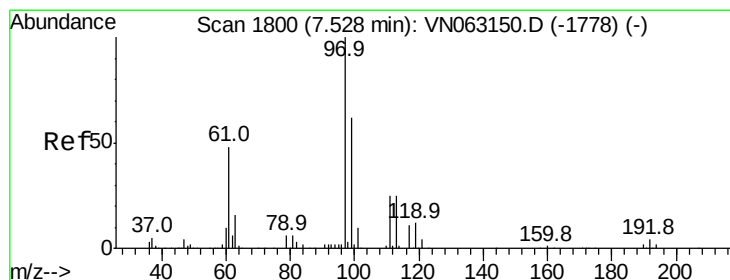
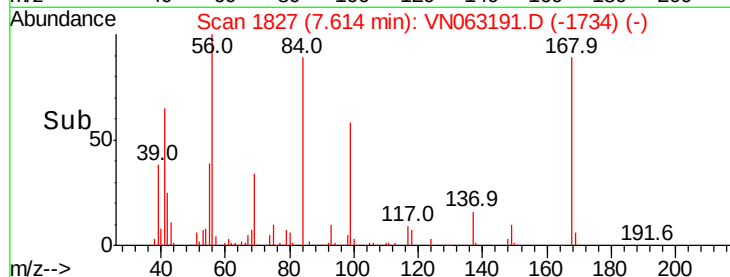
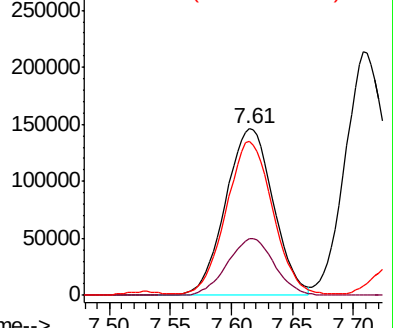
84 91.2 70.2 105.4



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 48.862 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN063191.D

Acq: 2 Sep 2020 13:29

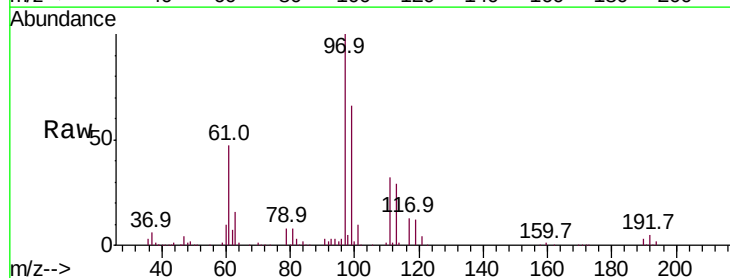
Tgt Ion: 97 Resp: 442292

Ion Ratio Lower Upper

97 100

99 64.4 50.8 76.2

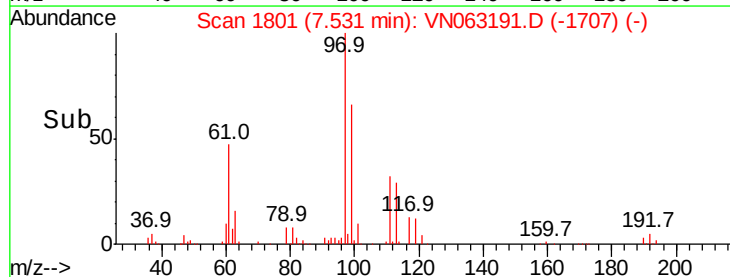
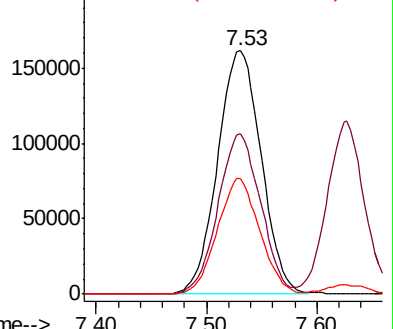
61 46.3 37.4 56.2

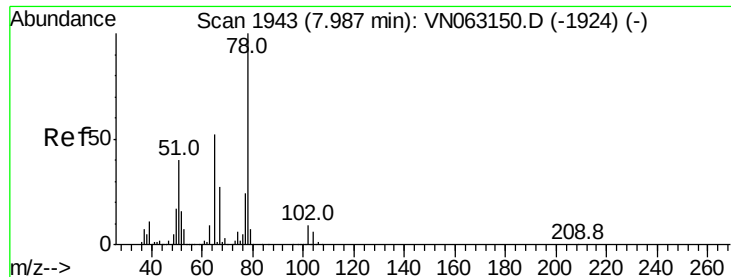


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 48.817 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

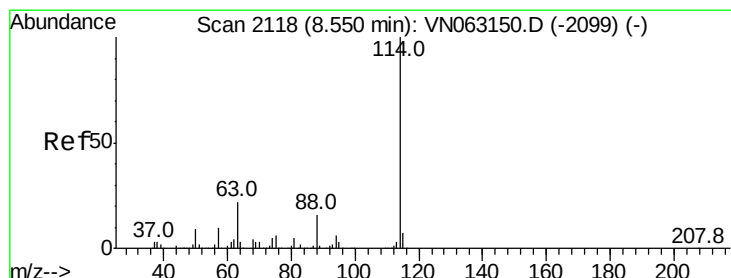
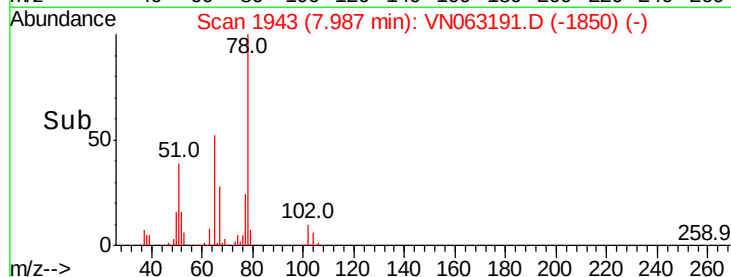
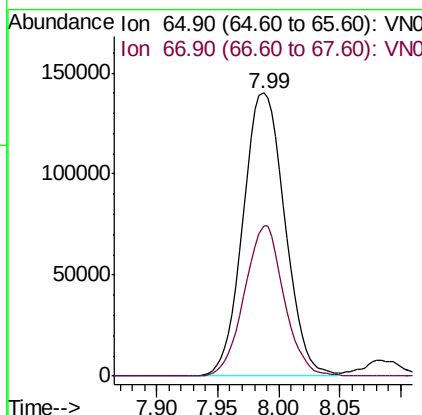
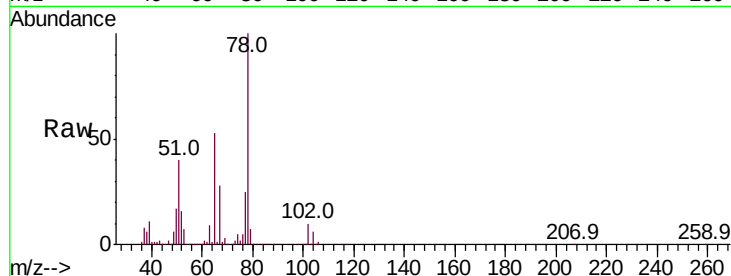
Lab File: VN063191.D

Acq: 2 Sep 2020 13:29

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-783-785MSD

Tot Ion: 65 Resp: 332853

Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

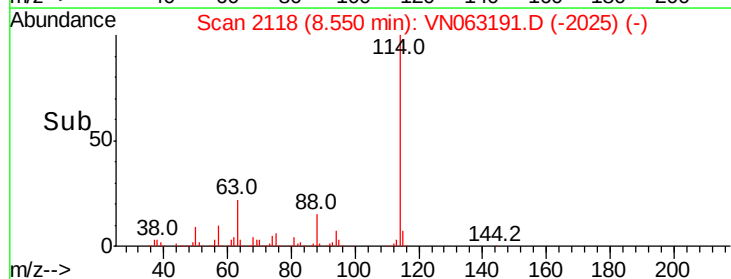
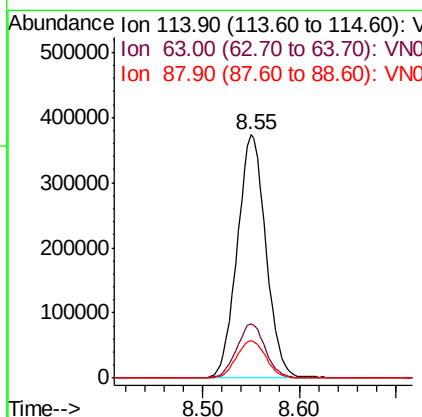
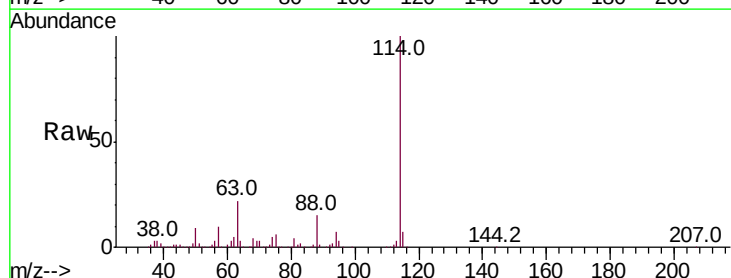
Delta R.T. 0.00 min

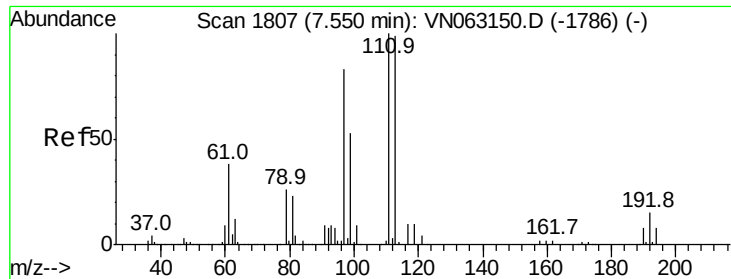
Lab File: VN063191.D

Acq: 2 Sep 2020 13:29

Tgt Ion: 114 Resp: 767581

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	43.0
88	15.4	0.0	31.6

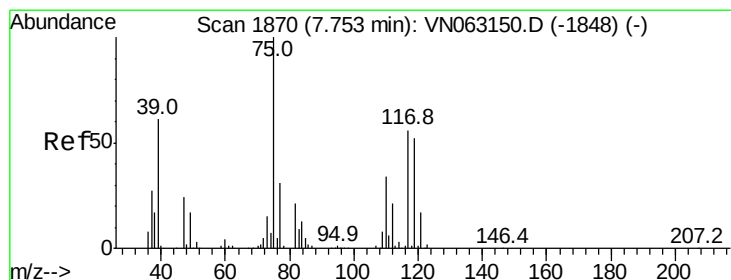
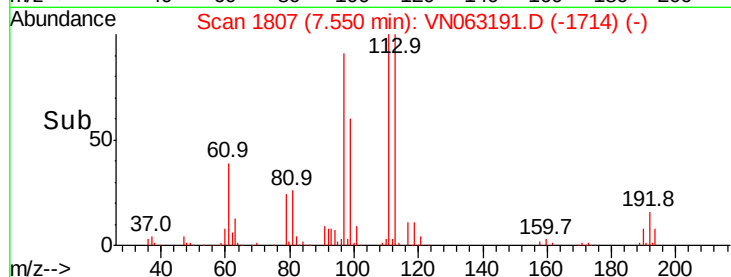
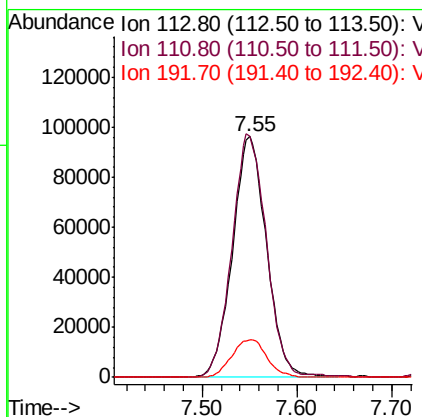
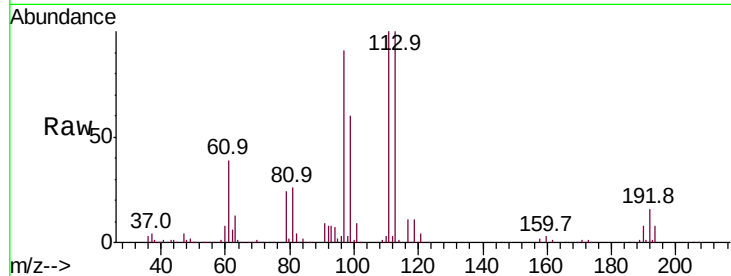




#35
Dibromofluoromethane
Concen: 48.908 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063191.D
Acq: 2 Sep 2020 13:29

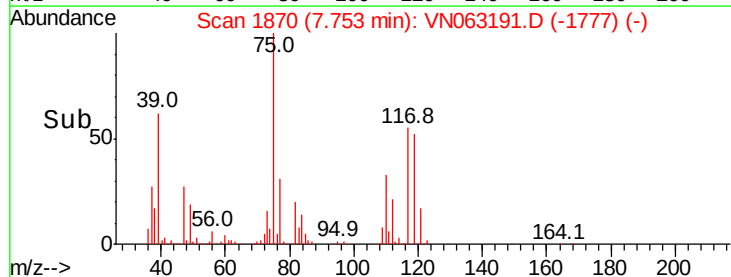
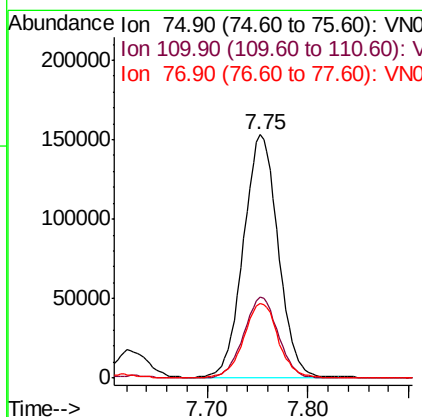
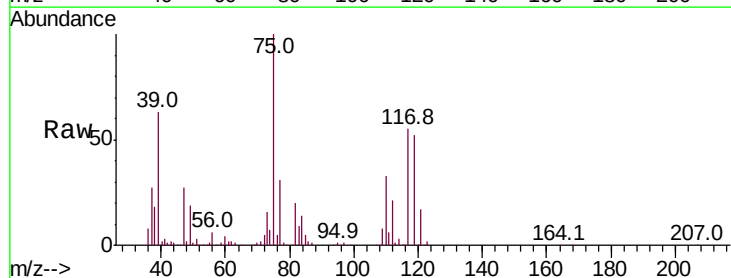
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-783-785MSD

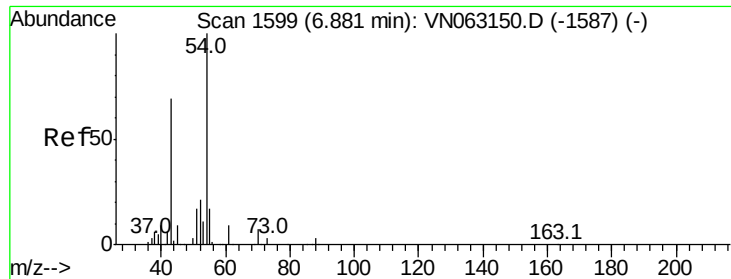
Tot Ion:113 Resp: 240844
Ion Ratio Lower Upper
113 100
111 101.6 80.7 121.1
192 16.2 12.6 19.0



#36
1,1-Dichloropropene
Concen: 49.166 ug/l
RT: 7.75 min Scan# 1870
Delta R.T. 0.00 min
Lab File: VN063191.D
Acq: 2 Sep 2020 13:29

Tgt Ion: 75 Resp: 362802
Ion Ratio Lower Upper
75 100
110 33.2 16.6 49.8
77 30.5 25.4 38.2

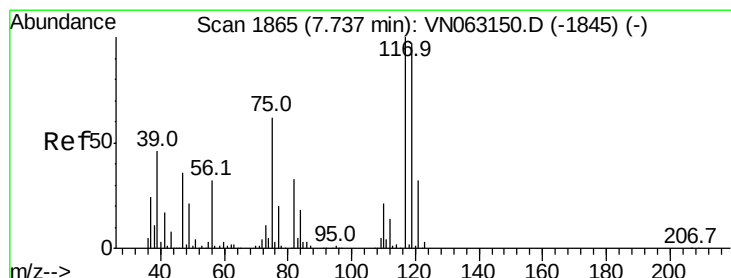
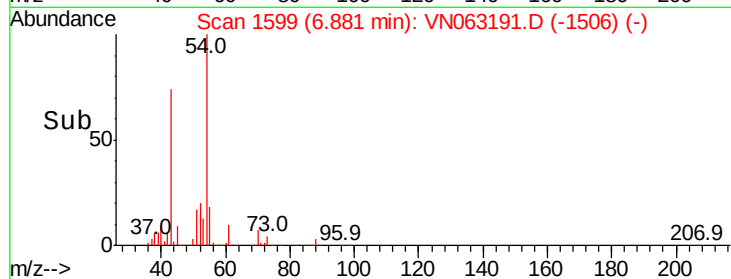
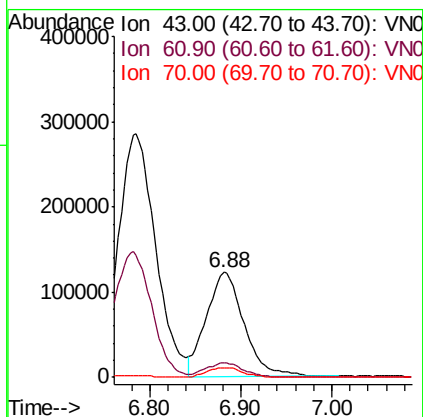
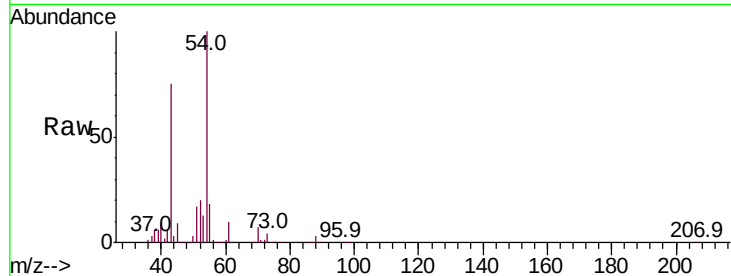




#37
Ethyl Acetate
Concen: 50.640 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063191.D
Acq: 2 Sep 2020 13:29

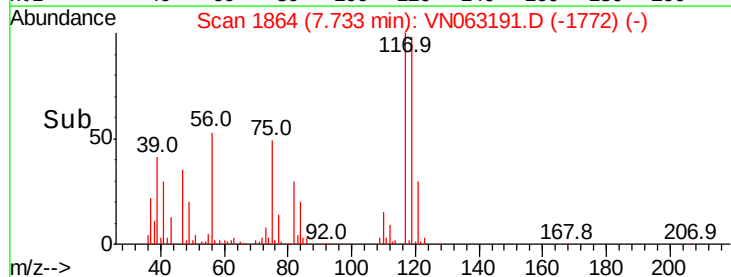
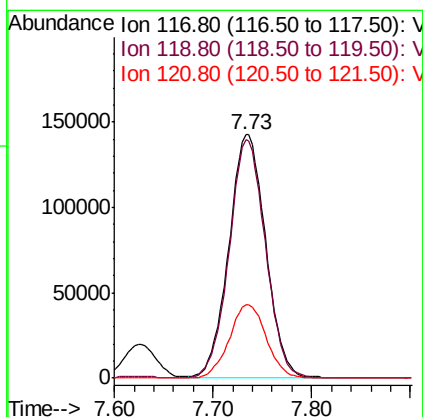
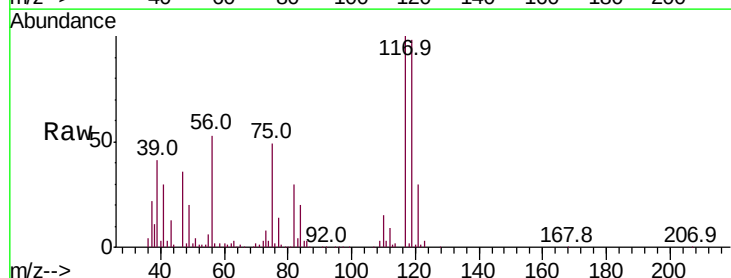
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-783-785MSD

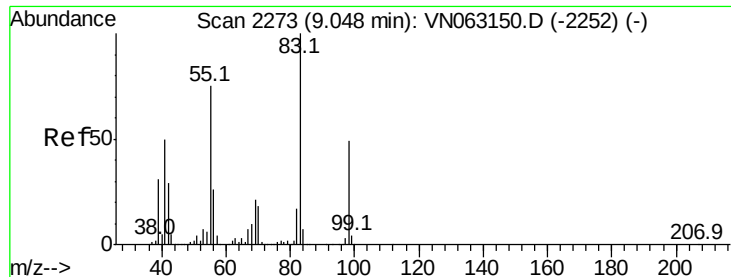
Tot Ion: 43 Resp: 352887
Ion Ratio Lower Upper
43 100
61 12.9 10.2 15.4
70 8.7 3.0 4.6#



#38
Carbon Tetrachloride
Concen: 49.309 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063191.D
Acq: 2 Sep 2020 13:29

Tgt Ion: 117 Resp: 369002
Ion Ratio Lower Upper
117 100
119 97.7 77.2 115.8
121 30.0 25.6 38.4

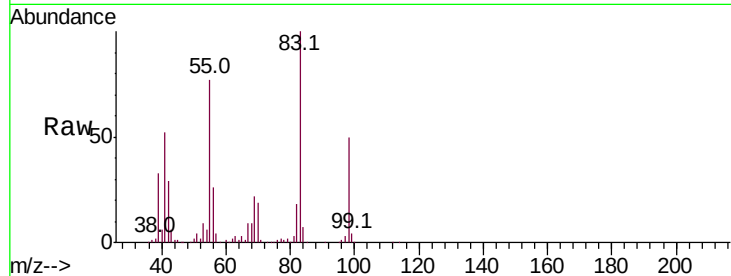




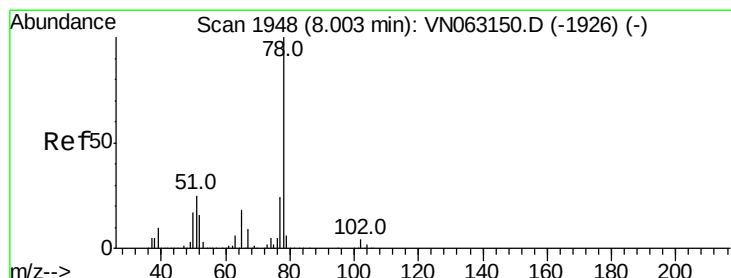
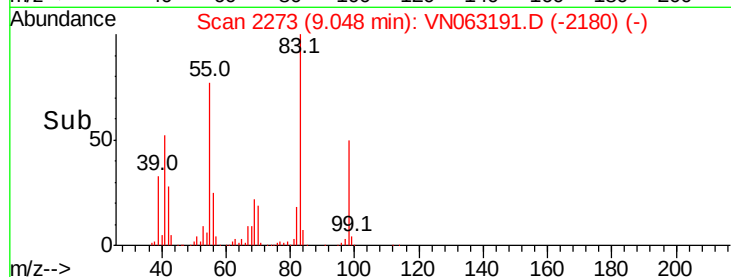
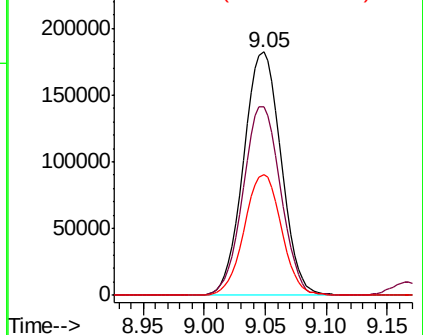
#39
Methylvlcyclohexane
Concen: 46.819 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063191.D
Acq: 2 Sep 2020 13:29

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-783-785MSD

Tot Ion	83	Resp	388120
Ion	Ratio	Lower	Upper
83	100		
55	77.2	60.3	90.5
98	49.7	38.9	58.3

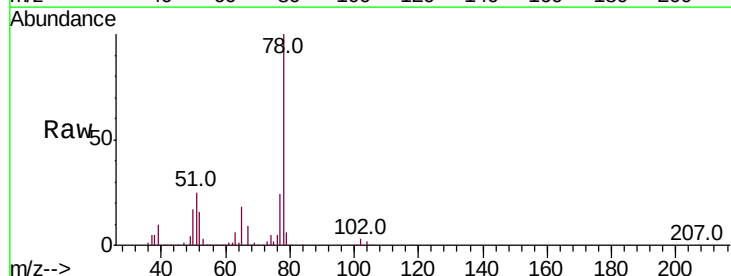


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

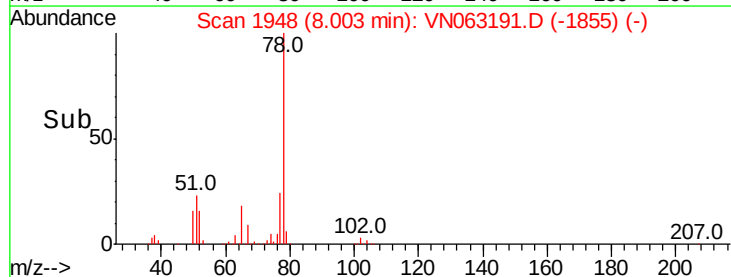
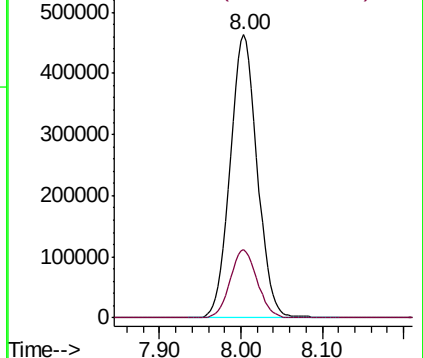


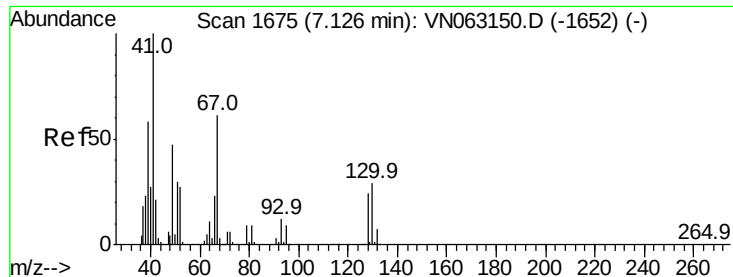
#40
Benzene
Concen: 49.744 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063191.D
Acq: 2 Sep 2020 13:29

Tgt Ion	78	Resp	1078681
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.3	28.9



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

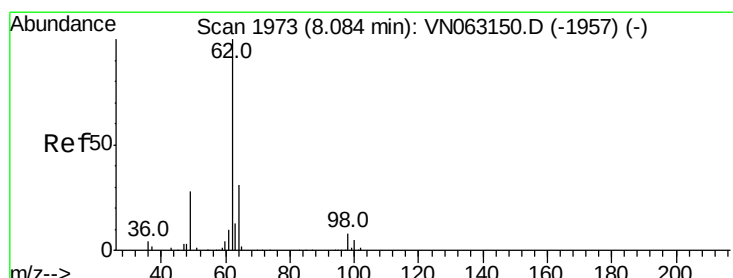
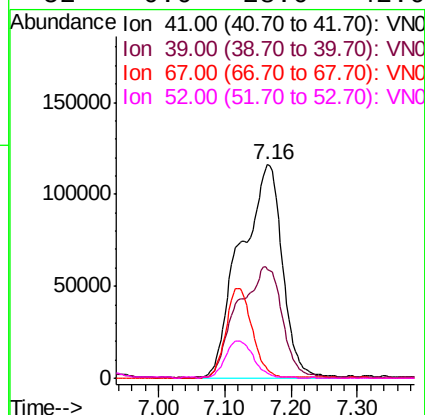
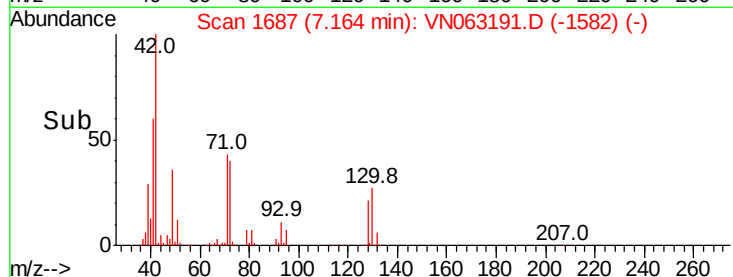
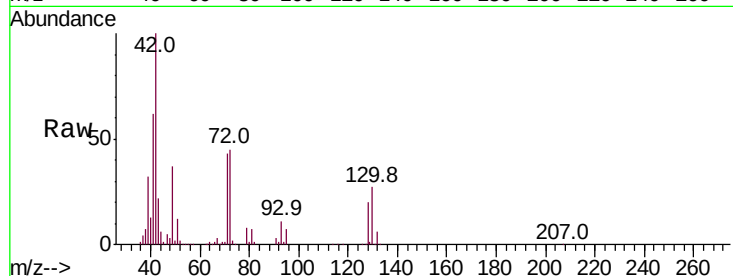




#41
Methacrylonitrile
Concen: 163.861 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.04 min
Lab File: VN063191.D
Acq: 2 Sep 2020 13:29

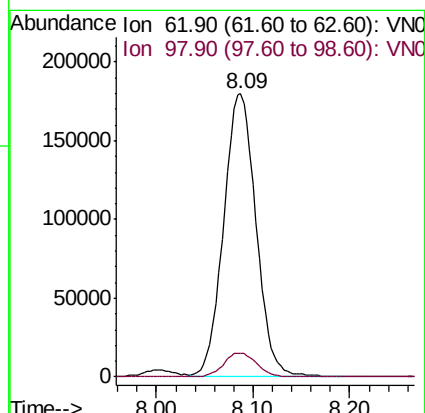
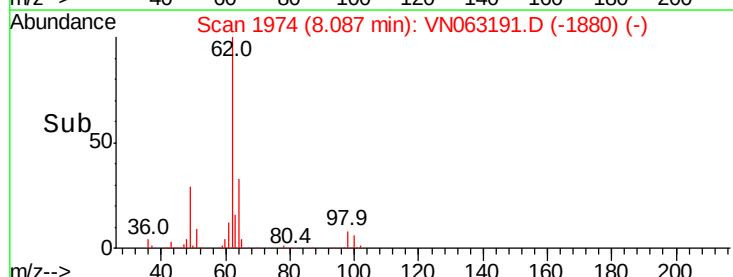
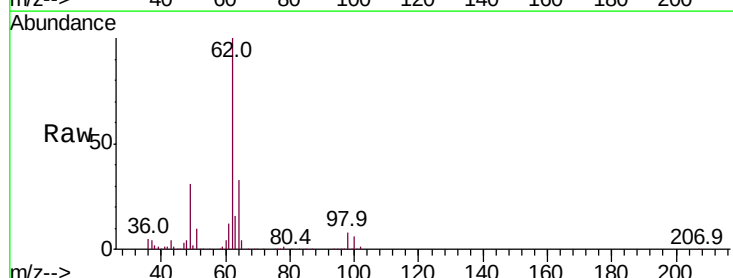
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-783-785MSD

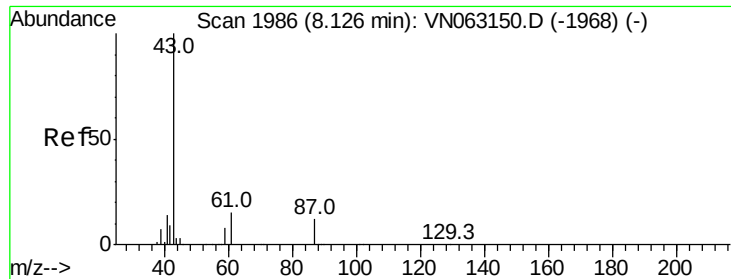
Tot Ion	Ratio	Lower	Upper
41	100		
39	55.1	46.6	70.0
67	0.0	62.6	94.0#
52	0.0	28.0	42.0#



#42
1,2-Dichloroethane
Concen: 51.457 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063191.D
Acq: 2 Sep 2020 13:29

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.2

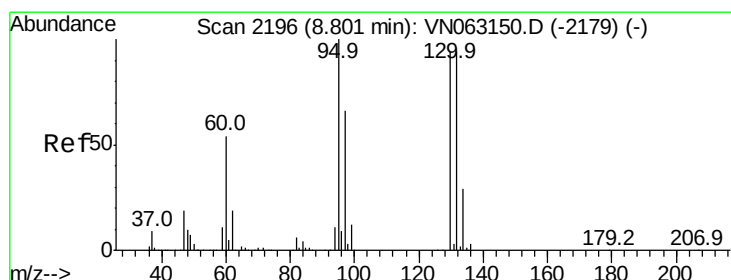
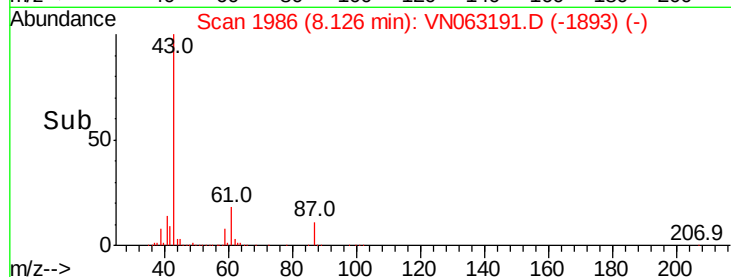
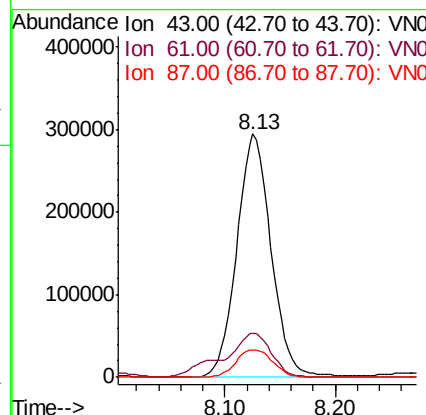
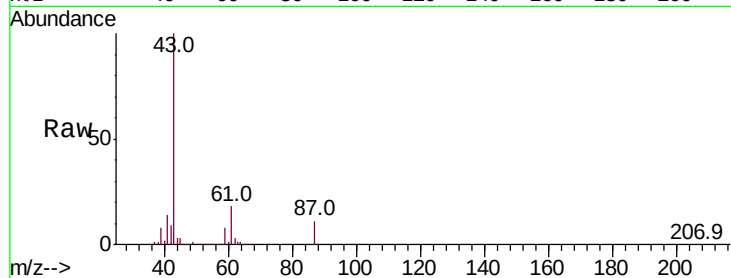




#43
Isopropyl Acetate
Concen: 52.465 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN063191.D
Acq: 2 Sep 2020 13:29

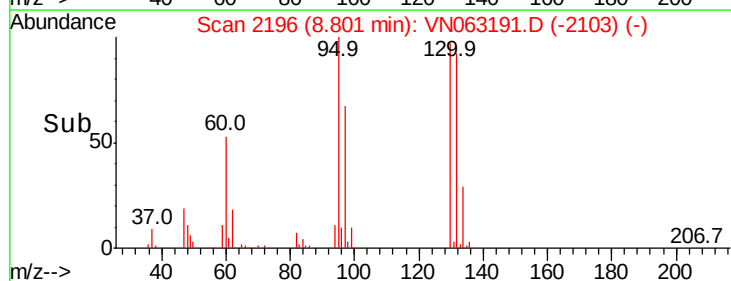
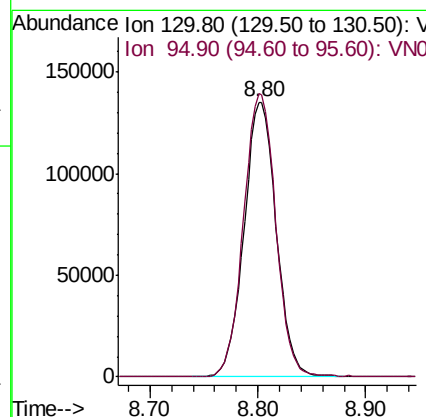
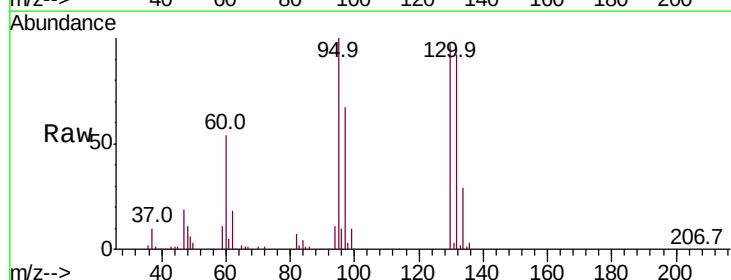
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-783-785MSD

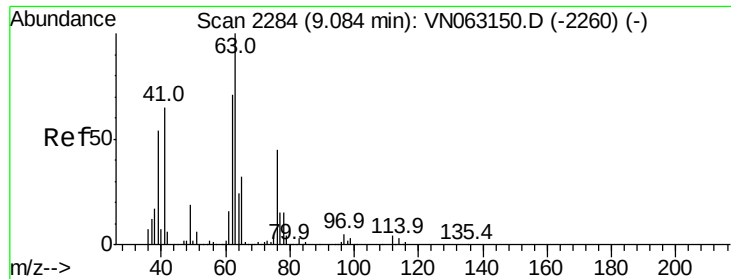
Tot Ion: 43 Resp: 631381
Ion Ratio Lower Upper
43 100
61 18.7 20.2 30.4#
87 12.3 9.8 14.6



#44
Trichloroethene
Concen: 53.490 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN063191.D
Acq: 2 Sep 2020 13:29

Tgt Ion:130 Resp: 281343
Ion Ratio Lower Upper
130 100
95 103.0 0.0 212.0

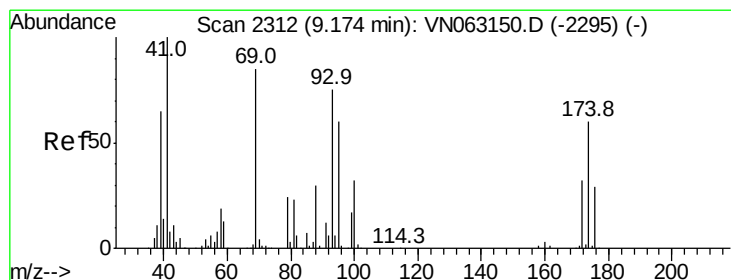
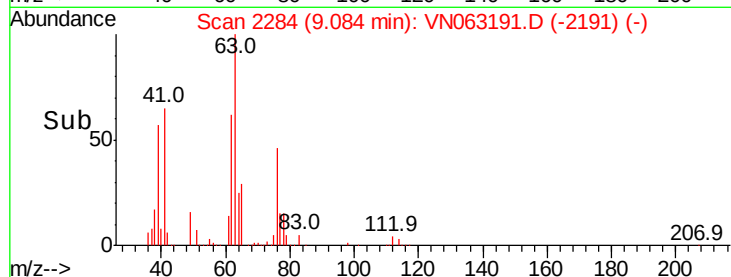
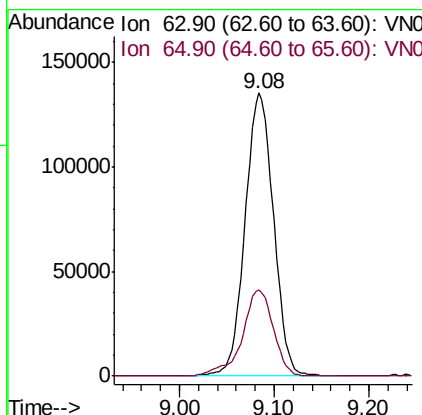
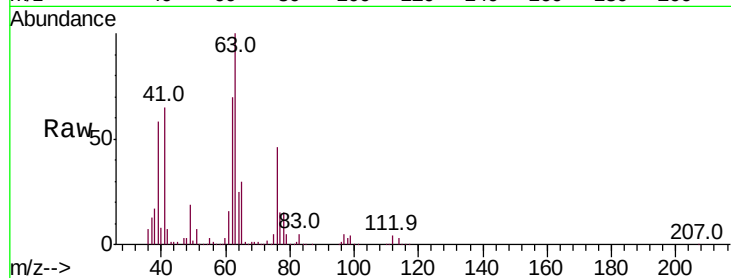




#45
 1,2-Dichloropropane
 Concen: 49.261 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN063191.D
 Acq: 2 Sep 2020 13:29

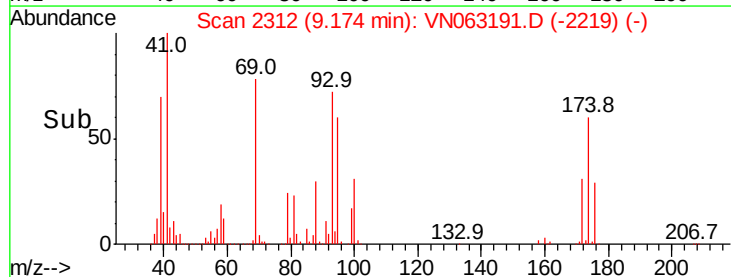
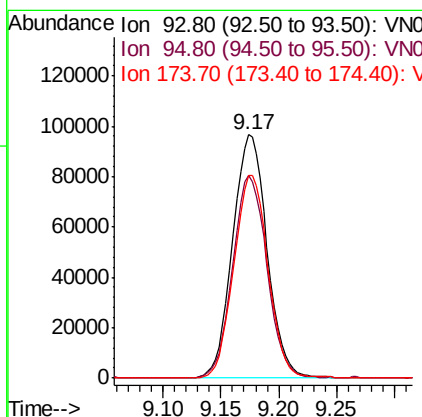
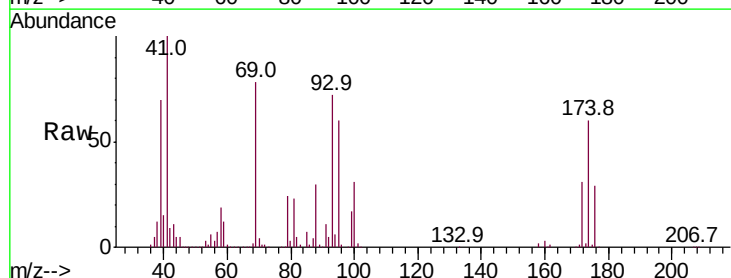
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-783-785MSD

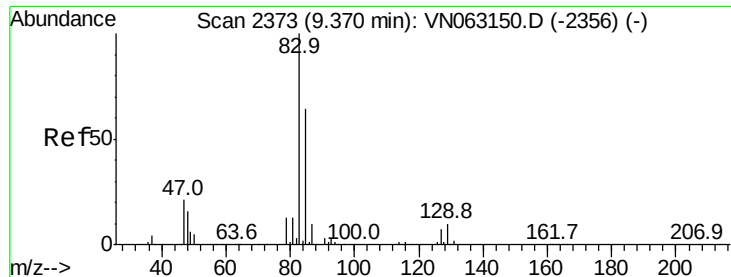
Tot Ion: 63 Resp: 282825
 Ion Ratio Lower Upper
 63 100
 65 30.1 25.4 38.0



#46
 Dibromomethane
 Concen: 52.284 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN063191.D
 Acq: 2 Sep 2020 13:29

Tgt Ion: 93 Resp: 198927
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.2 97.8
 174 83.0 64.6 97.0





#47

Bromodichloromethane

Concen: 51.228 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063191.D

Acq: 2 Sep 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-783-785MSD

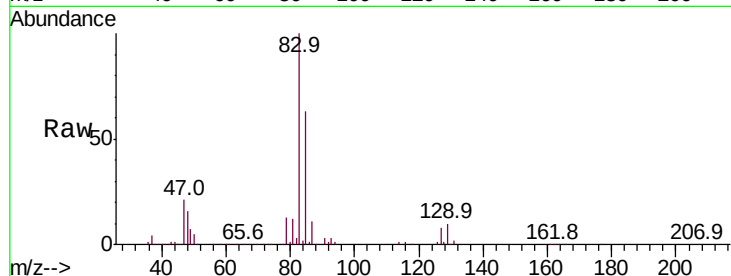
Tot Ion: 83 Resp: 417783

Ion Ratio Lower Upper

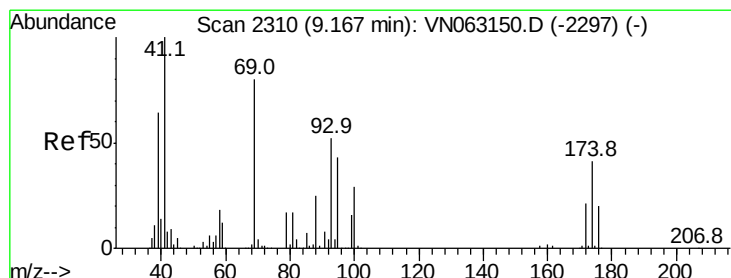
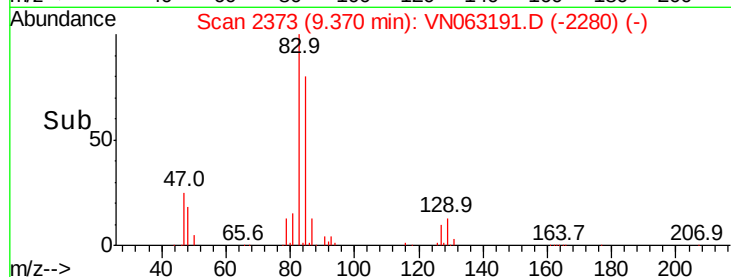
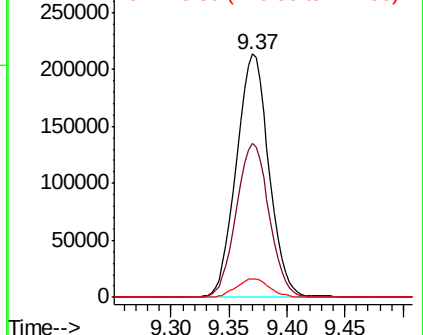
83 100

85 63.4 51.0 76.6

127 7.5 5.7 8.5



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



#48

Methyl methacrylate

Concen: 53.824 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063191.D

Acq: 2 Sep 2020 13:29

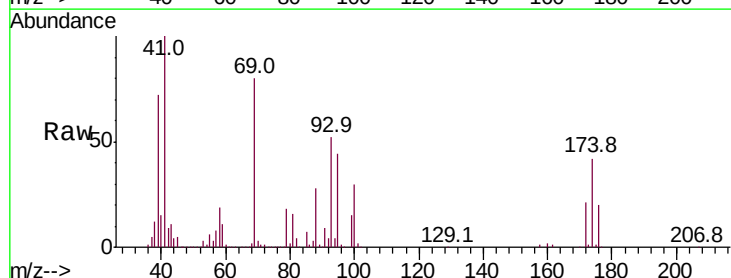
Tgt Ion: 41 Resp: 292000

Ion Ratio Lower Upper

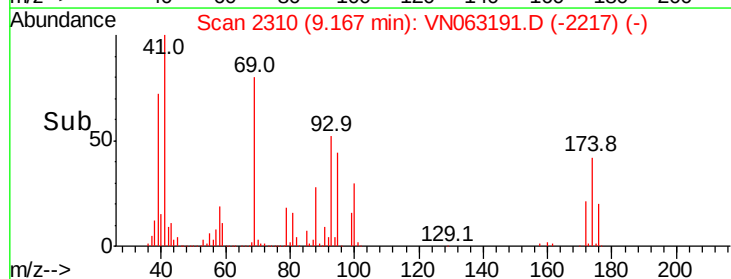
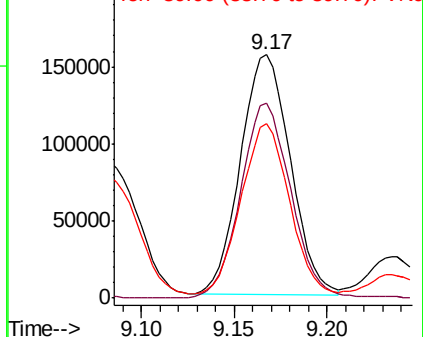
41 100

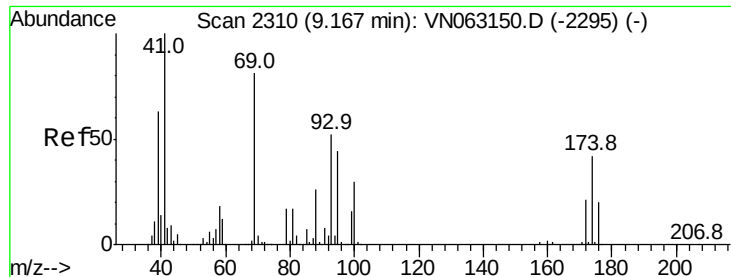
69 82.3 65.9 98.9

39 71.7 52.0 78.0



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





#49

1,4-Dioxane

Concen: 1096.533 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063191.D

Acq: 2 Sep 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-783-785MSD

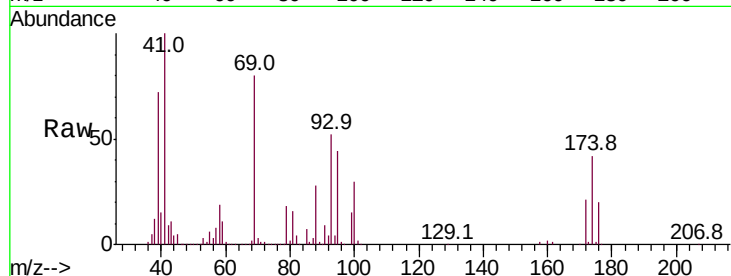
Tot Ion: 88 Resp: 92010

Ion Ratio Lower Upper

88 100

43 37.2 28.6 42.8

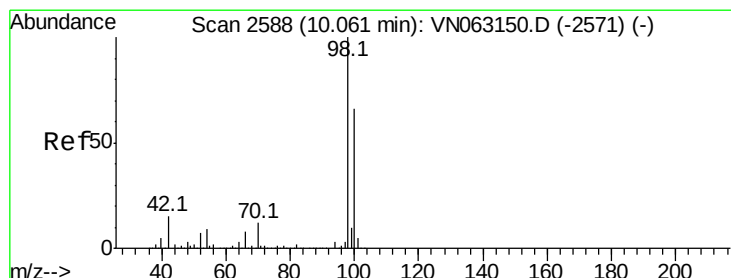
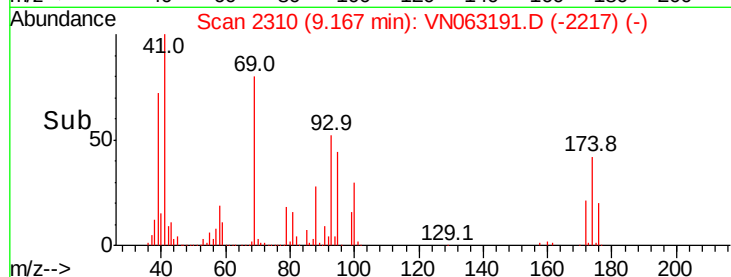
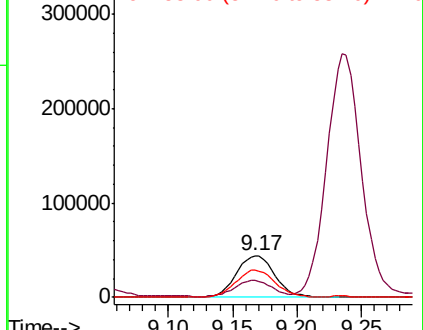
58 67.4 53.2 79.8



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: 47.754 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063191.D

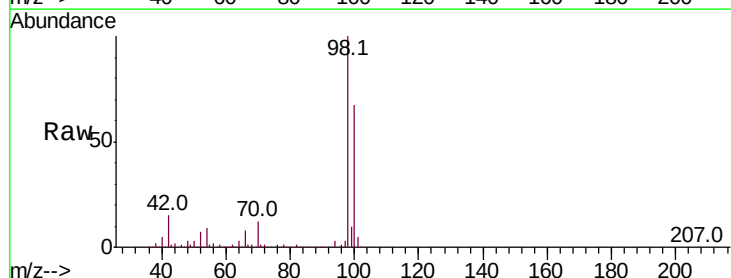
Acq: 2 Sep 2020 13:29

Tgt Ion: 98 Resp: 905144

Ion Ratio Lower Upper

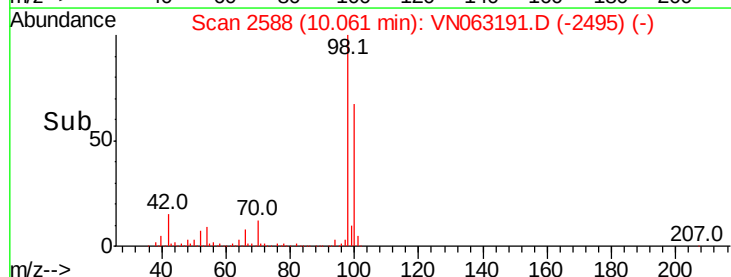
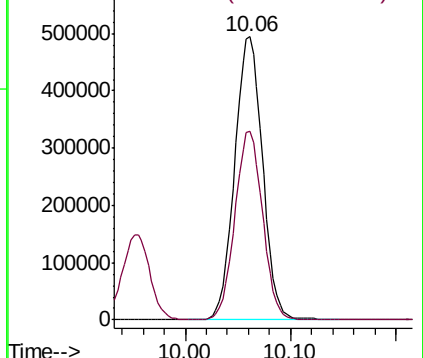
98 100

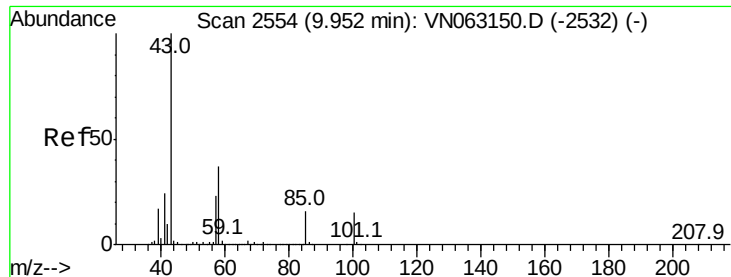
100 65.8 52.0 78.0



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: 280.260 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063191.D

Acq: 2 Sep 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

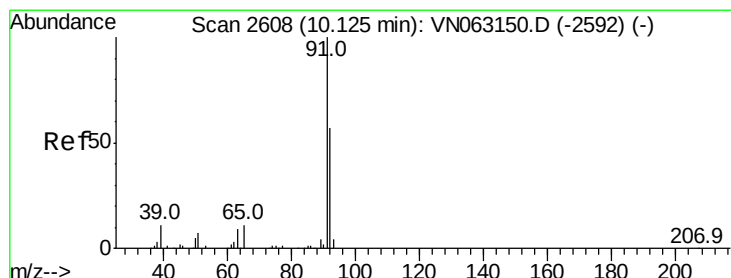
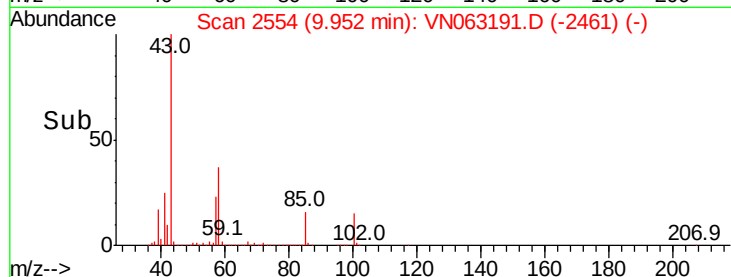
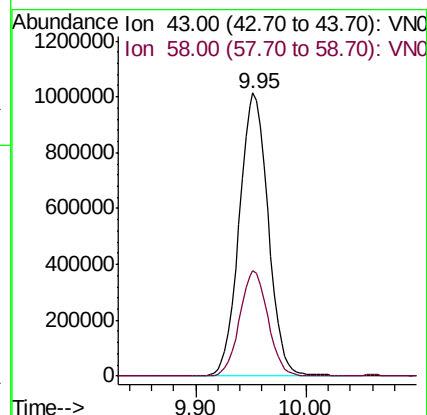
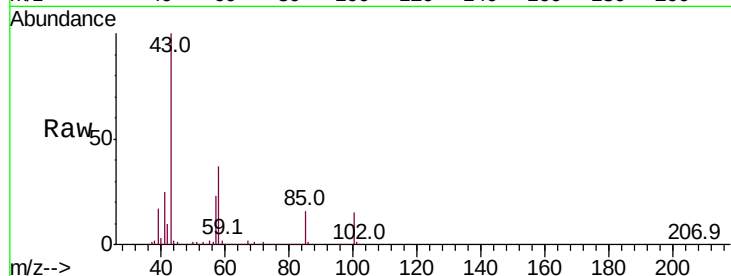
BP-VPB181-GW-783-785MSD

Tot Ion: 43 Resp: 1832765

Ion Ratio Lower Upper

43 100

58 36.6 29.2 43.8



#52

Toluene

Concen: 51.037 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063191.D

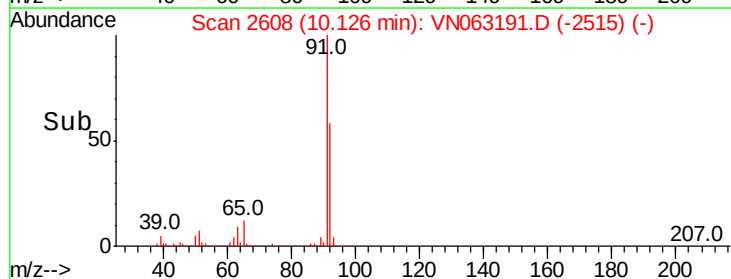
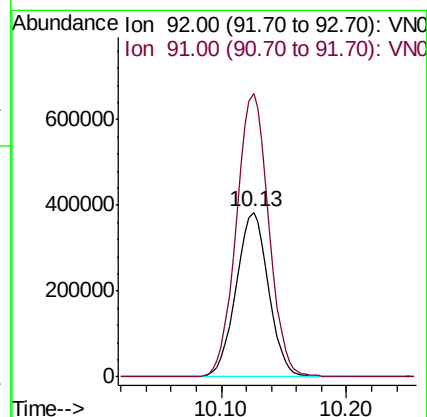
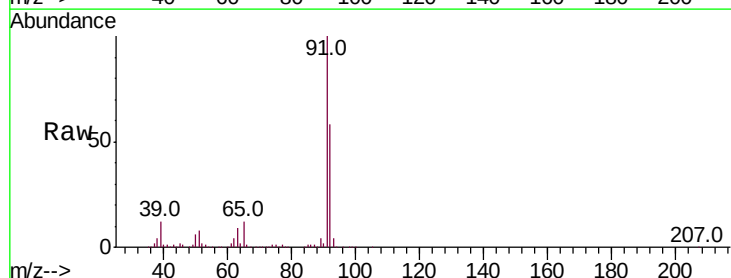
Acq: 2 Sep 2020 13:29

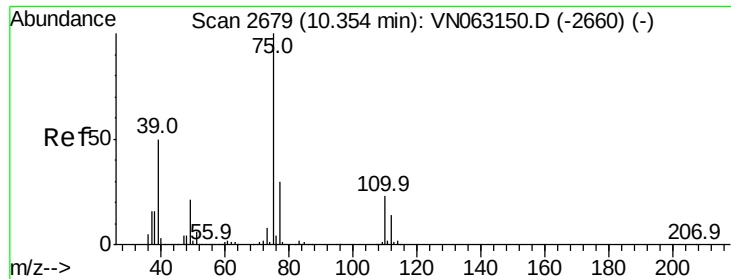
Tgt Ion: 92 Resp: 689409

Ion Ratio Lower Upper

92 100

91 172.5 141.2 211.8

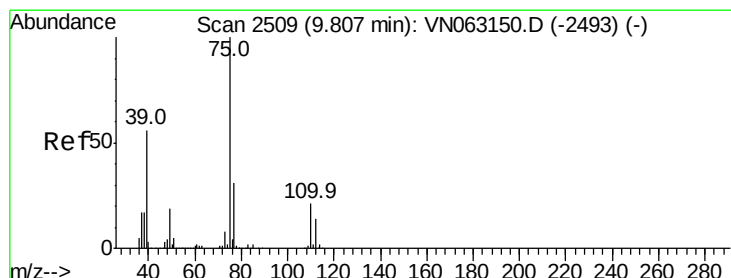
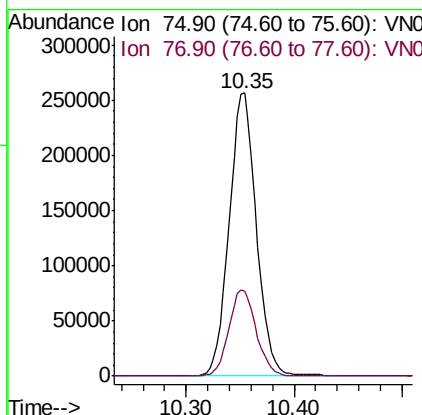
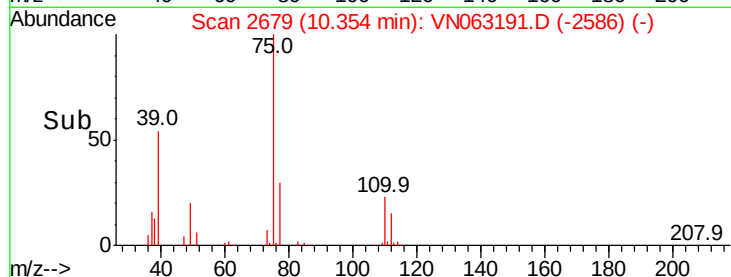
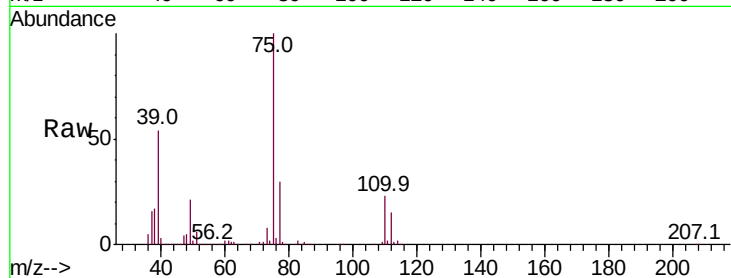




#53
 t-1,3-Dichloropropene
 Concen: 50.550 ug/l
 RT: 10.35 min Scan# 2679
 Delta R.T. 0.00 min
 Lab File: VN063191.D
 Acq: 2 Sep 2020 13:29

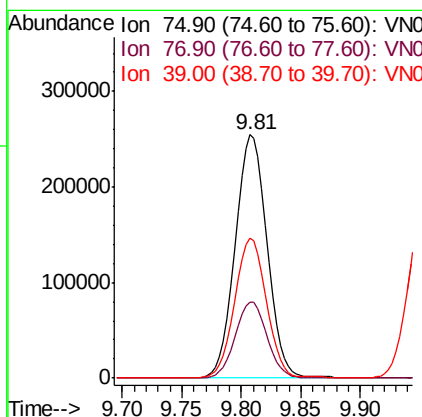
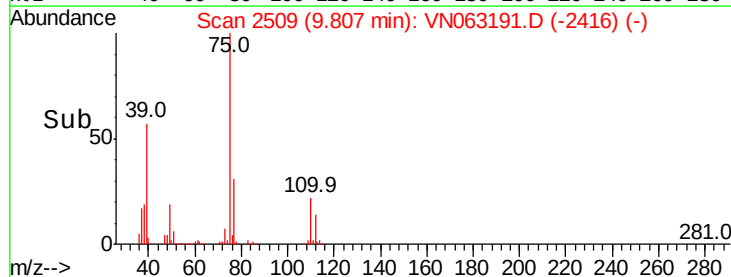
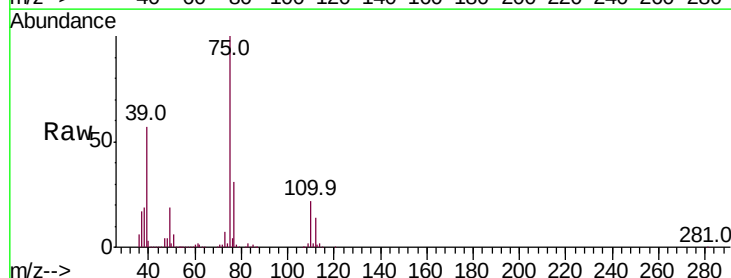
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-783-785MSD

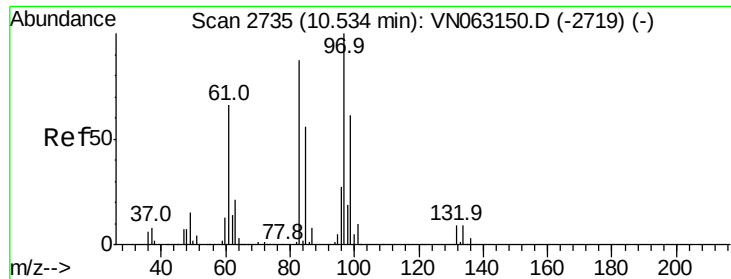
Tot Ion: 75 Resp: 450940
 Ion Ratio Lower Upper
 75 100
 77 29.8 24.2 36.2



#54
 cis-1,3-Dichloropropene
 Concen: 50.542 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN063191.D
 Acq: 2 Sep 2020 13:29

Tgt Ion: 75 Resp: 473276
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.8 37.2
 39 57.1 45.0 67.6

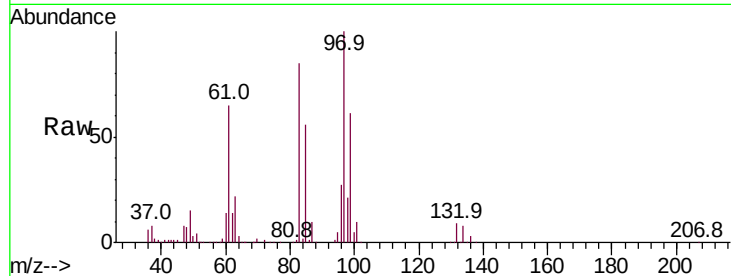




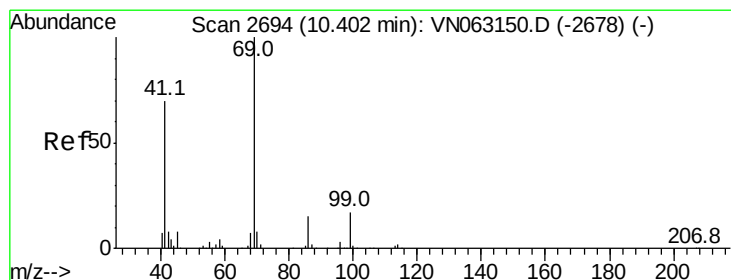
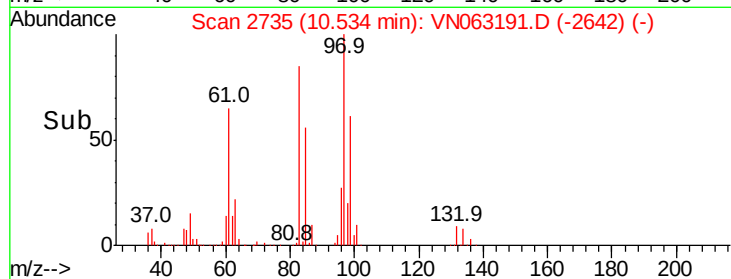
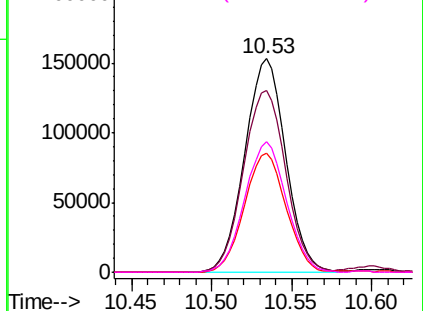
#55
 1,1,2-Trichloroethane
 Concen: 51.850 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063191.D
 Acq: 2 Sep 2020 13:29

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-783-785MSD

Tot Ion:	97	Resp:	268230
Ion	Ratio	Lower	Upper
97	100		
83	85.1	69.8	104.8
85	55.5	44.9	67.3
99	60.8	48.8	73.2

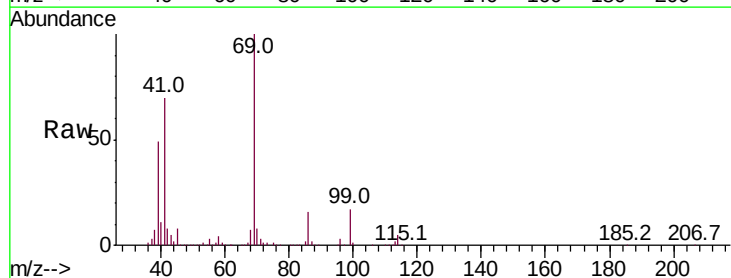


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

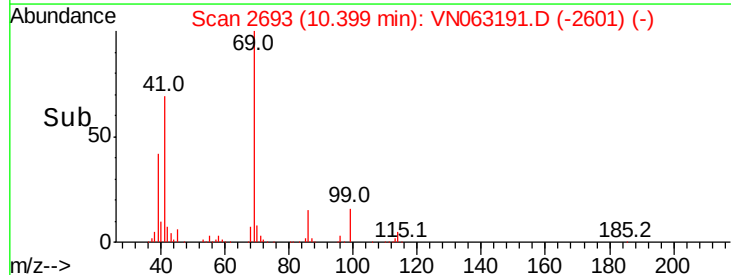
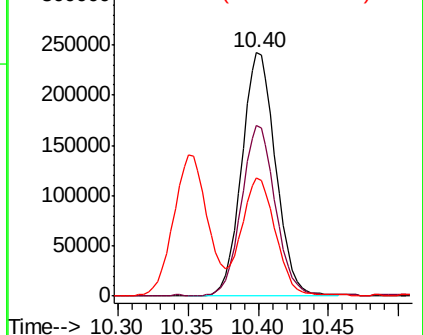


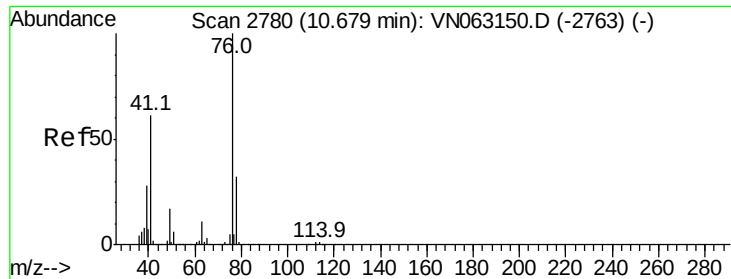
#56
 Ethyl methacrylate
 Concen: 51.884 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063191.D
 Acq: 2 Sep 2020 13:29

Tgt Ion:	69	Resp:	408473
Ion	Ratio	Lower	Upper
69	100		
41	69.3	55.5	83.3
39	48.2	38.2	57.2



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

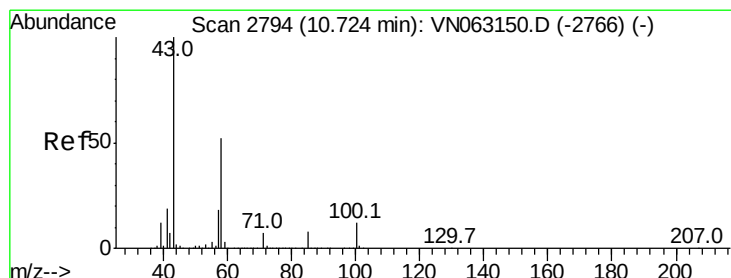
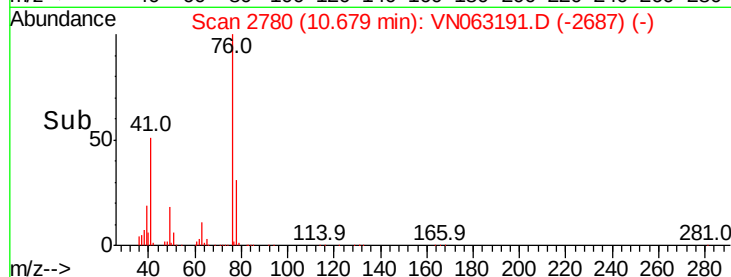
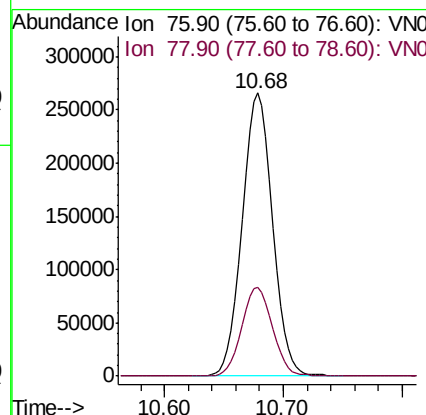
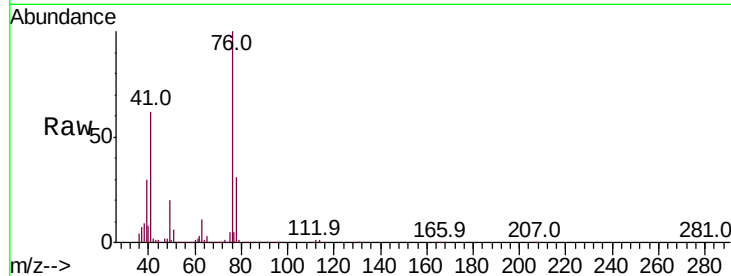




#57
 1,3-Dichloropropane
 Concen: 50.966 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063191.D
 Acq: 2 Sep 2020 13:29

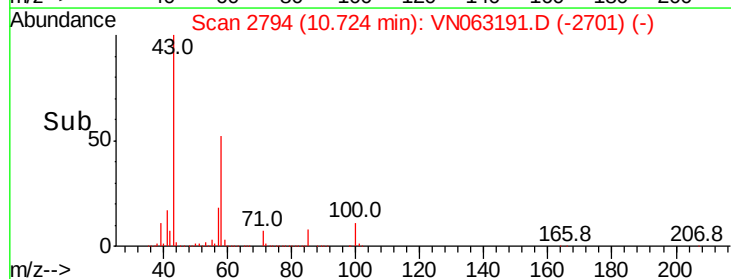
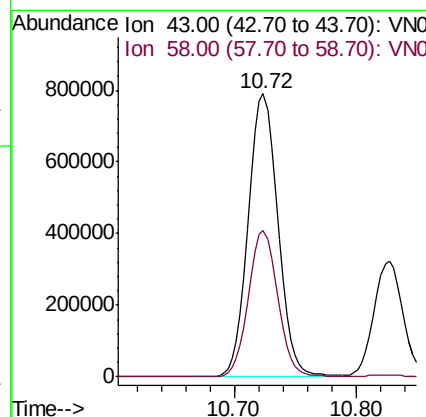
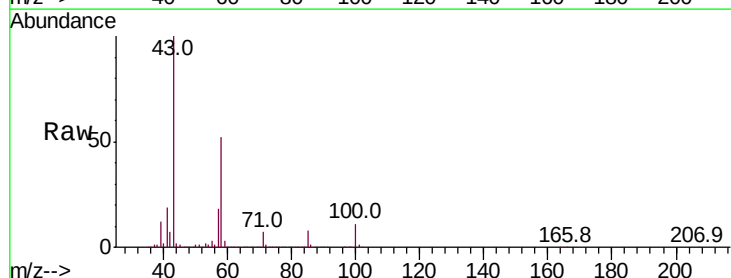
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-783-785MSD

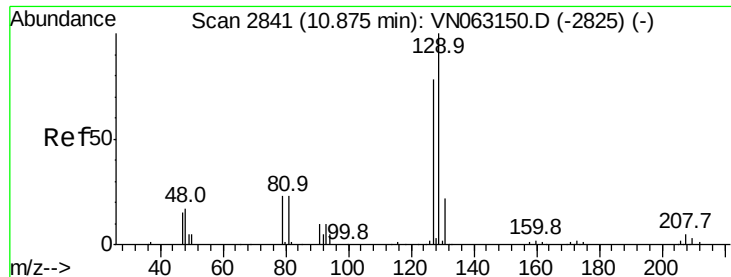
Tot Ion: 76 Resp: 469703
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.5 38.3



#59
 2-Hexanone
 Concen: 288.122 ug/l
 RT: 10.72 min Scan# 2794
 Delta R.T. 0.00 min
 Lab File: VN063191.D
 Acq: 2 Sep 2020 13:29

Tgt Ion: 43 Resp: 1324175
 Ion Ratio Lower Upper
 43 100
 58 51.2 25.9 77.8





#60

Dibromochloromethane

Concen: 53.099 ug/l

RT: 10.87 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN063191.D

Acq: 2 Sep 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

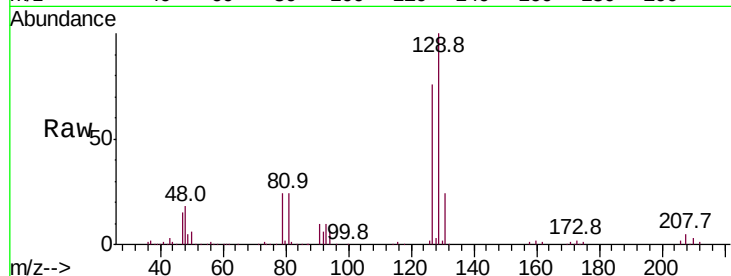
BP-VPB181-GW-783-785MSD

Tot Ion:129 Resp: 303690

Ion Ratio Lower Upper

129 100

127 76.4 39.0 117.0



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

10.87

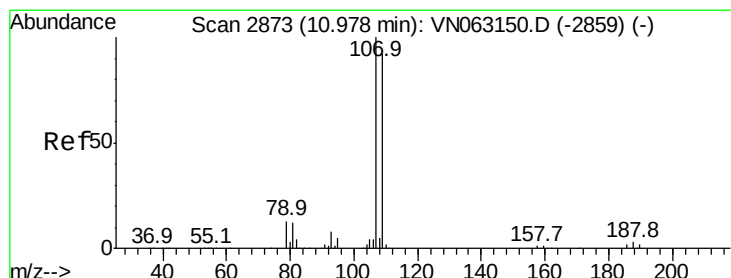
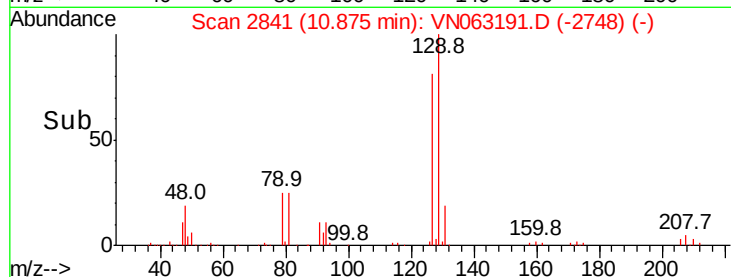
150000

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 52.031 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN063191.D

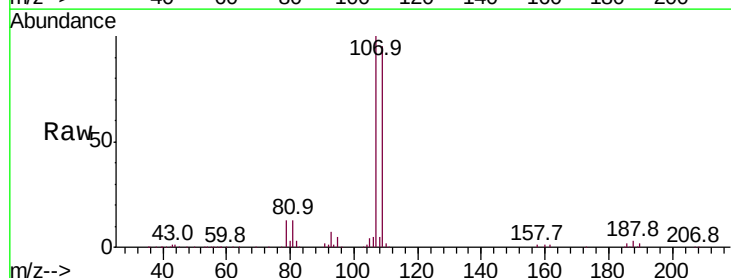
Acq: 2 Sep 2020 13:29

Tgt Ion:107 Resp: 279810

Ion Ratio Lower Upper

107 100

109 94.9 73.4 110.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.98

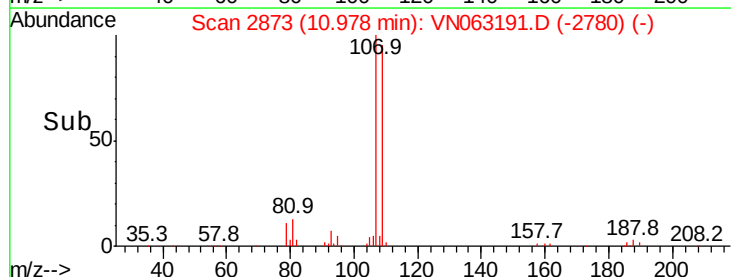
150000

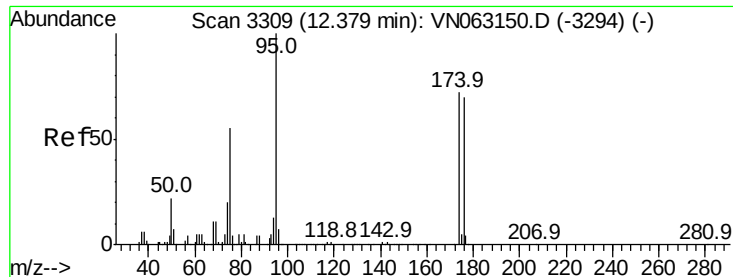
100000

50000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 48.919 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063191.D

Acq: 2 Sep 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-783-785MSD

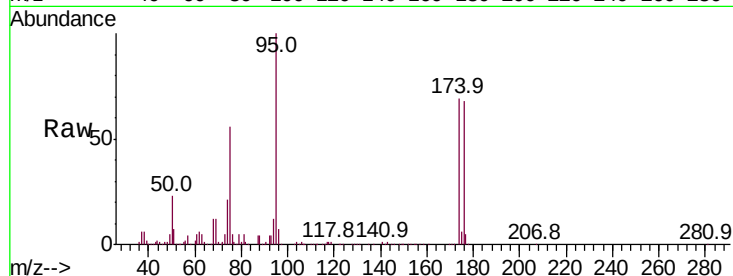
Tot Ion: 95 Resp: 324346

Ion Ratio Lower Upper

95 100

174 70.9 0.0 143.8

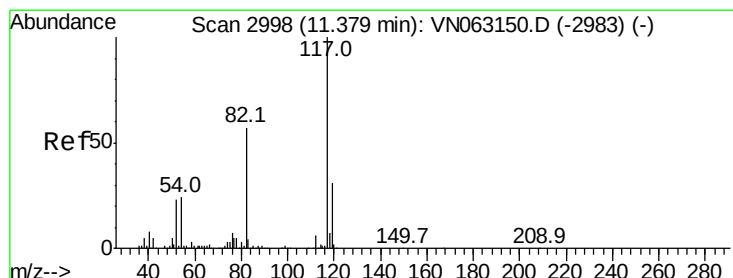
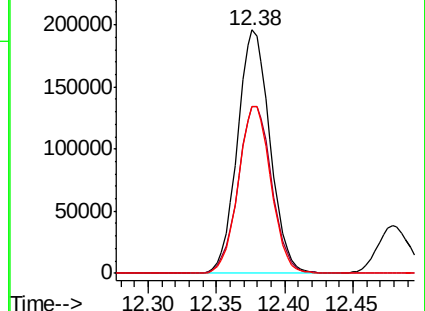
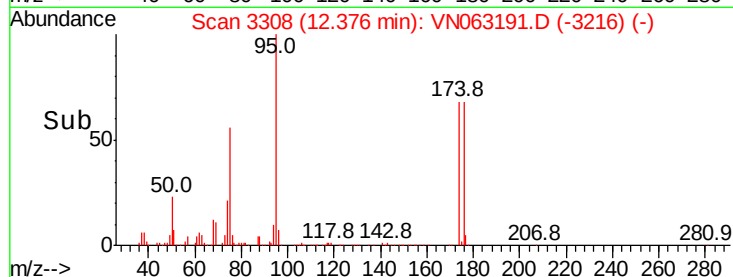
176 68.8 0.0 138.4



Abundance Ion 94.90 (94.60 to 95.60): VN063150.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN063150.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN063150.D (-3294) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN063191.D

Acq: 2 Sep 2020 13:29

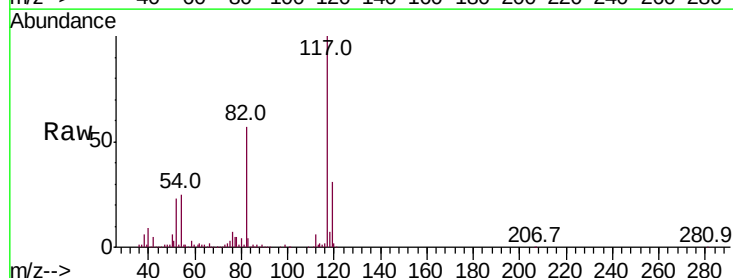
Tgt Ion: 117 Resp: 723553

Ion Ratio Lower Upper

117 100

82 57.1 45.4 68.0

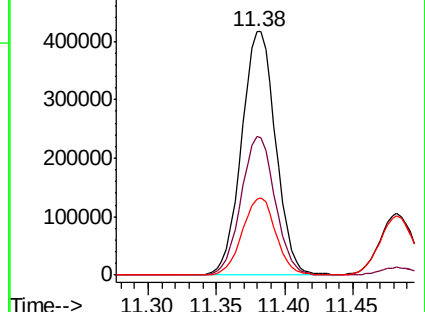
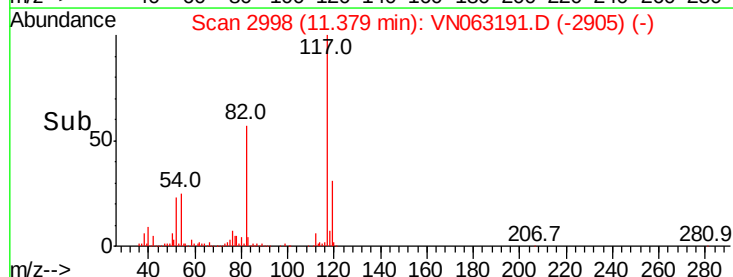
119 31.3 24.6 37.0

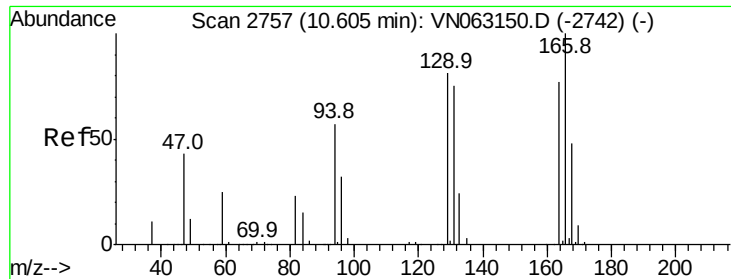


Abundance Ion 116.90 (116.60 to 117.60): VN063150.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN063150.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN063150.D (-2983) (-)





#64

Tetrachloroethene

Concen: 53.321 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VN063191.D

Acq: 2 Sep 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-783-785MSD

Tot Ion:164 Resp: 277046

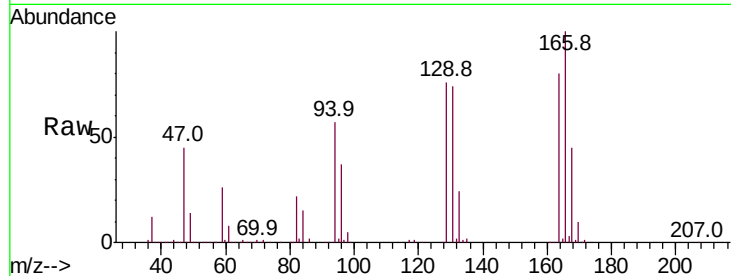
Ion Ratio Lower Upper

164 100

166 124.6 103.4 155.2

129 94.2 83.4 125.0

131 92.5 77.8 116.8

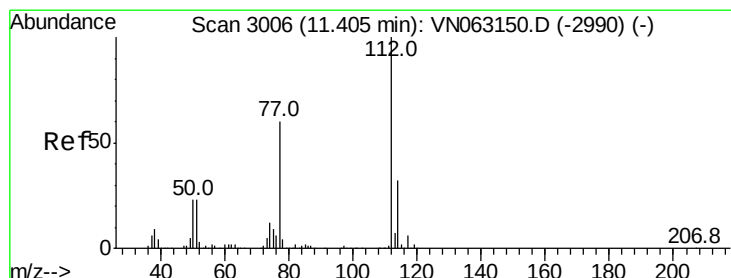
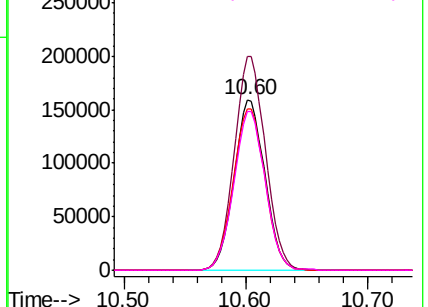
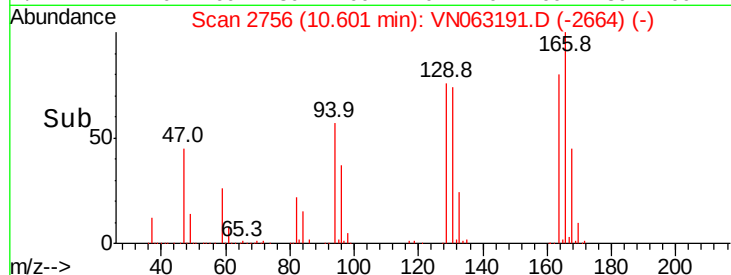


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 48.501 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VN063191.D

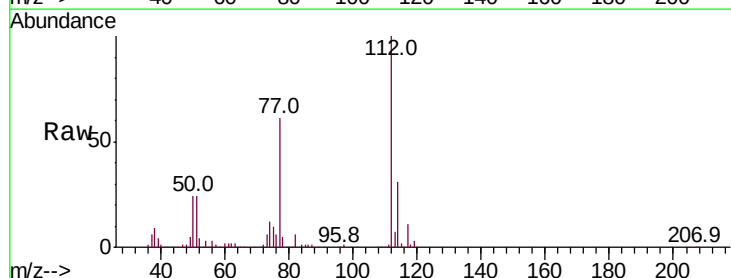
Acq: 2 Sep 2020 13:29

Tgt Ion:112 Resp: 706821

Ion Ratio Lower Upper

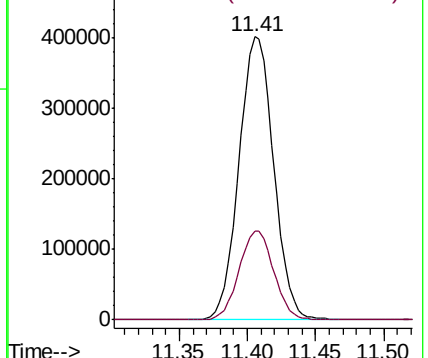
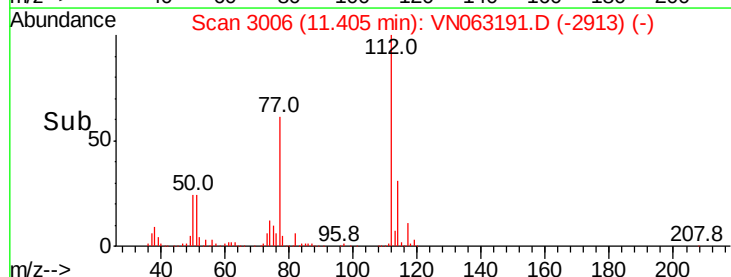
112 100

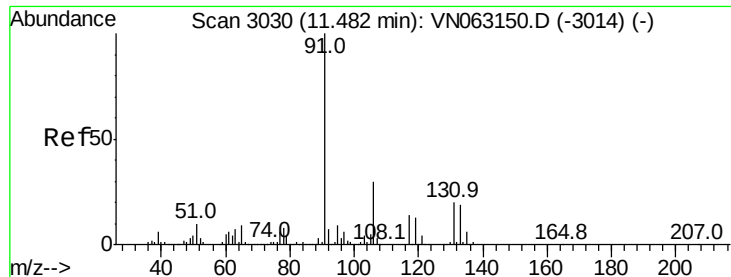
114 31.3 25.2 37.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 48.967 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN063191.D

Acq: 2 Sep 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-783-785MSD

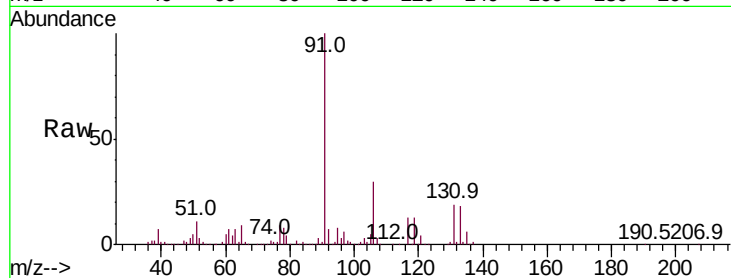
Tot Ion:131 Resp: 264947

Ion Ratio Lower Upper

131 100

133 95.0 47.3 142.0

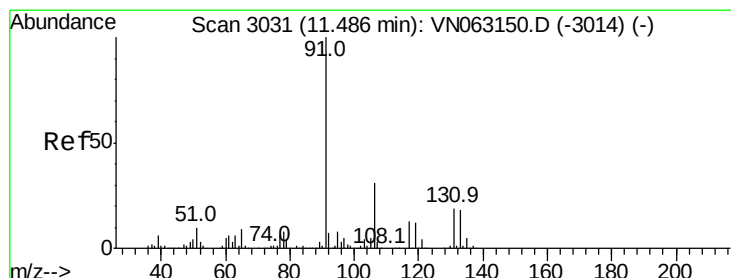
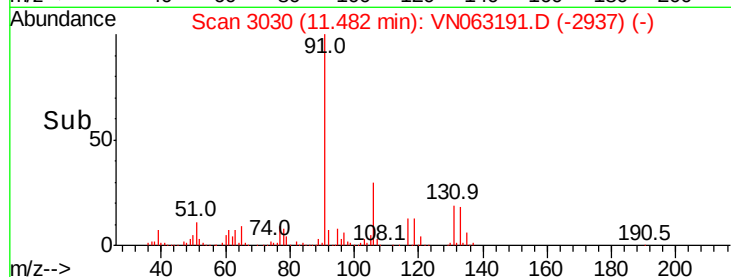
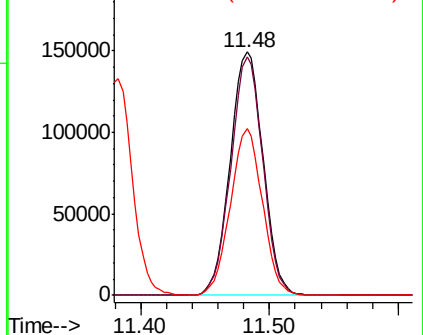
119 66.8 32.4 97.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 50.318 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN063191.D

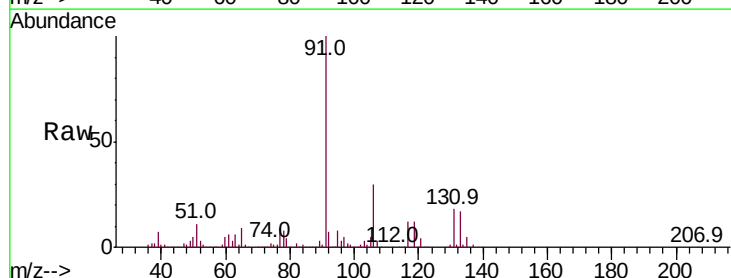
Acq: 2 Sep 2020 13:29

Tgt Ion: 91 Resp: 1337746

Ion Ratio Lower Upper

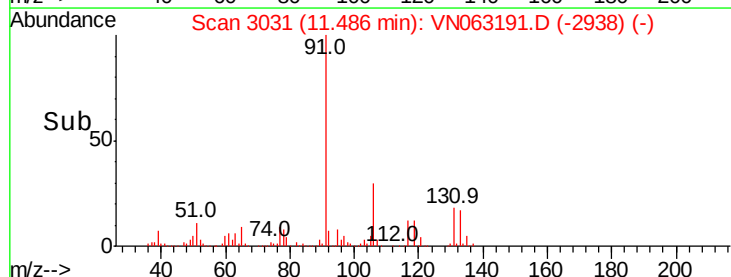
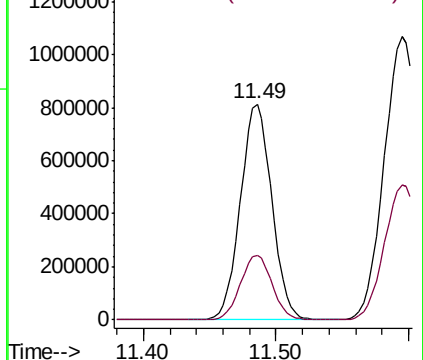
91 100

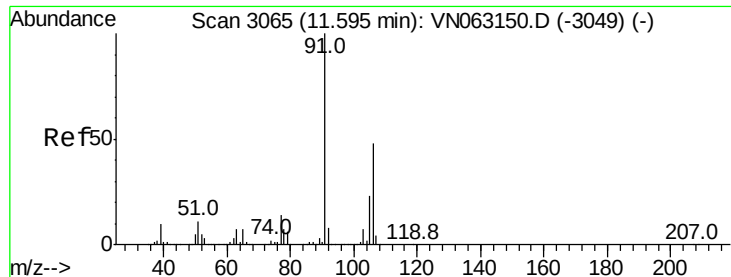
106 30.1 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 99.992 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN063191.D

Acq: 2 Sep 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

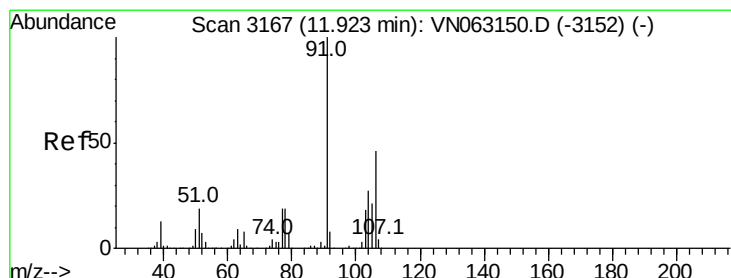
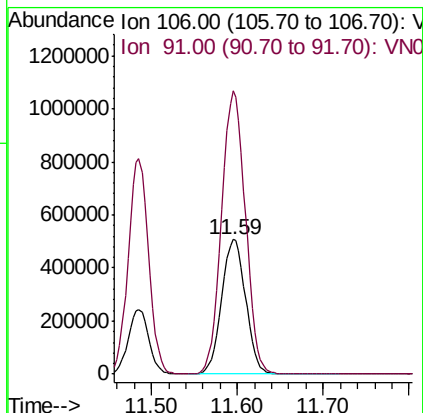
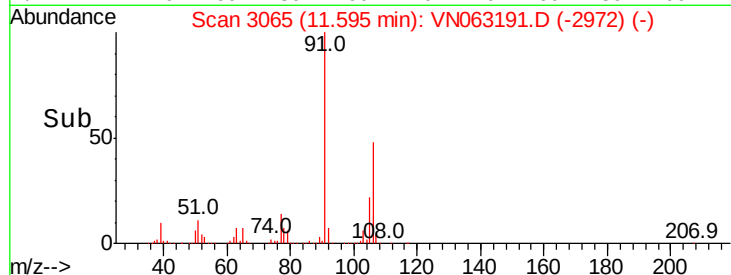
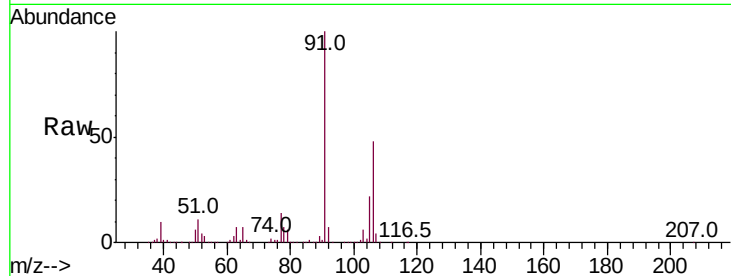
BP-VPB181-GW-783-785MSD

Tot Ion:106 Resp: 984579

Ion Ratio Lower Upper

106 100

91 208.5 166.7 250.1



#69

o-Xylene

Concen: 50.132 ug/l

RT: 11.92 min Scan# 3167

Delta R.T. 0.00 min

Lab File: VN063191.D

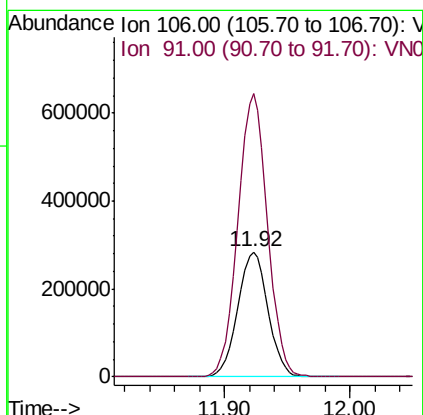
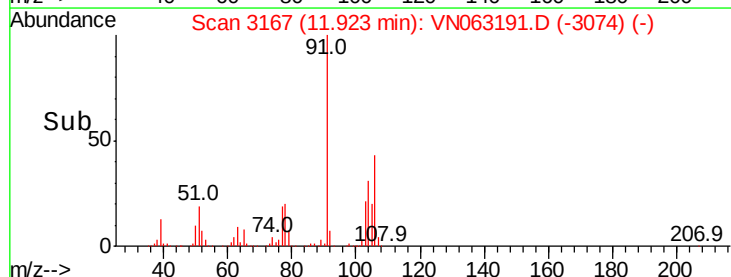
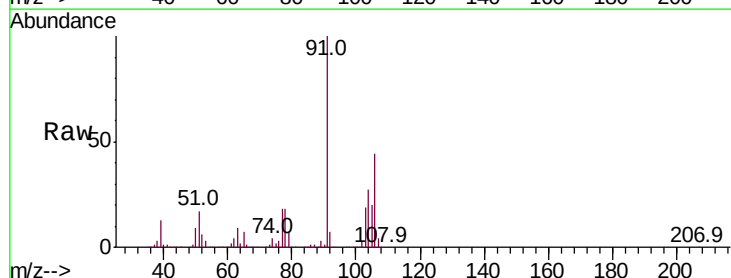
Acq: 2 Sep 2020 13:29

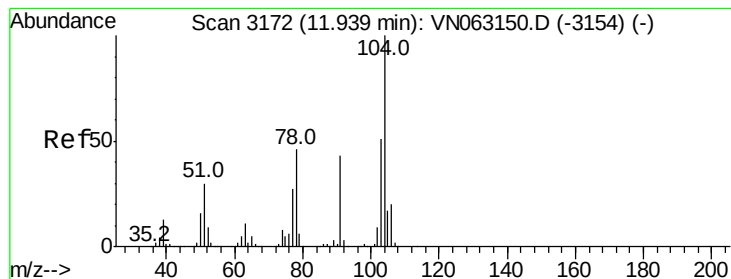
Tgt Ion:106 Resp: 476861

Ion Ratio Lower Upper

106 100

91 220.7 108.6 325.6





#70

Stvrene

Concen: 50.100 ug/l

RT: 11.94 min Scan# 3172

Delta R.T. 0.00 min

Lab File: VN063191.D

Acq: 2 Sep 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-783-785MSD

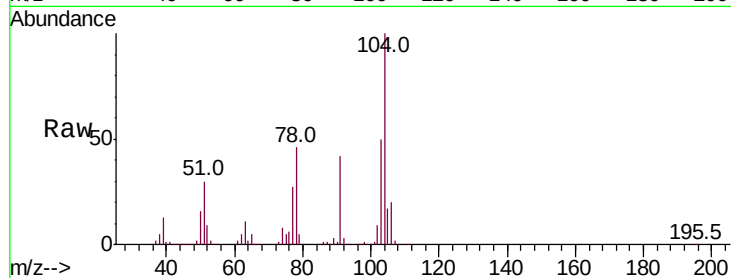
Tot Ion:104 Resp: 819018

Ion Ratio Lower Upper

104 100

78 51.2 41.0 61.6

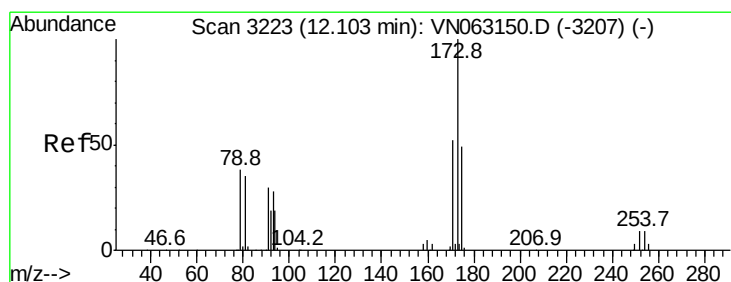
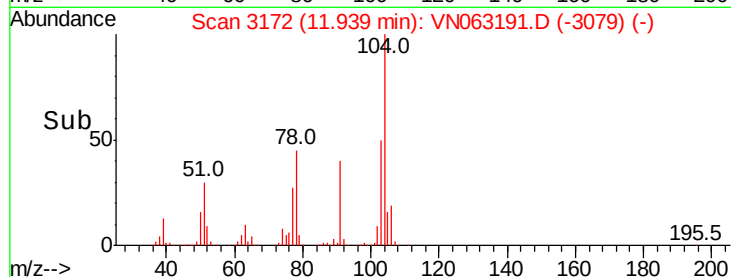
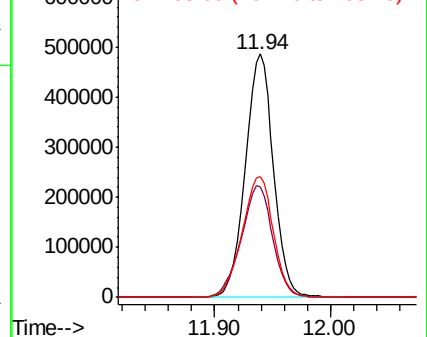
103 55.4 43.8 65.8



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: 52.047 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063191.D

Acq: 2 Sep 2020 13:29

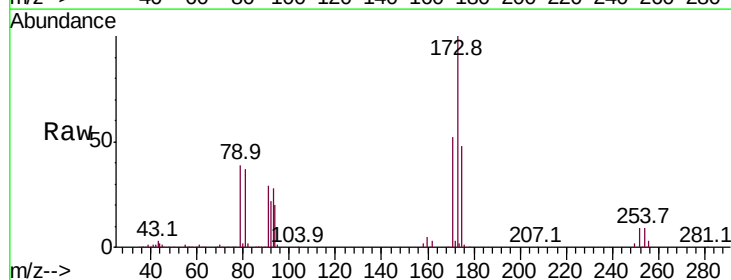
Tgt Ion:173 Resp: 191113

Ion Ratio Lower Upper

173 100

175 47.5 24.6 73.8

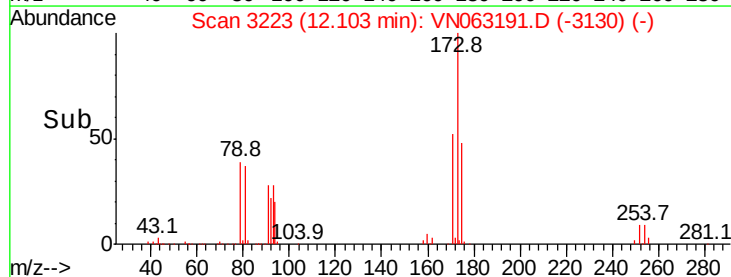
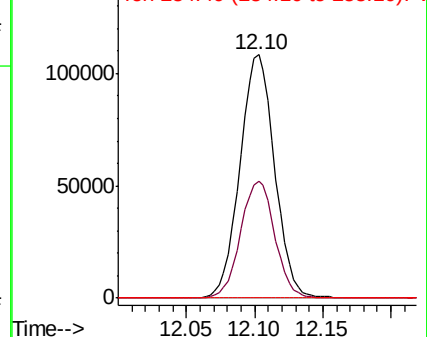
254 0.0 0.0 0.0#

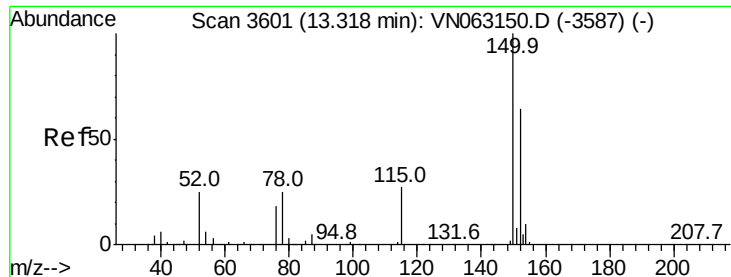


Abundance Ion 172.70 (172.40 to 173.40): V

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# 3601

Delta R.T. 0.00 min

Lab File: VN063191.D

Acq: 2 Sep 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-783-785MSD

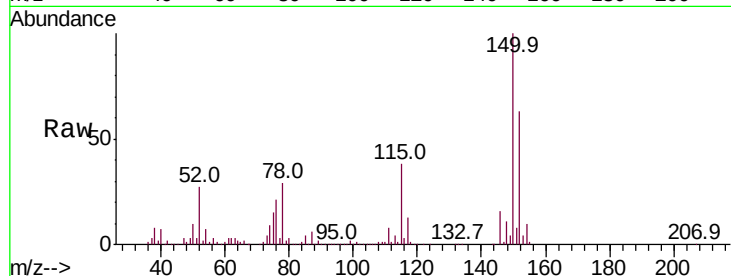
Tot Ion:152 Resp: 337766

Ion Ratio Lower Upper

152 100

115 62.1 32.0 96.2

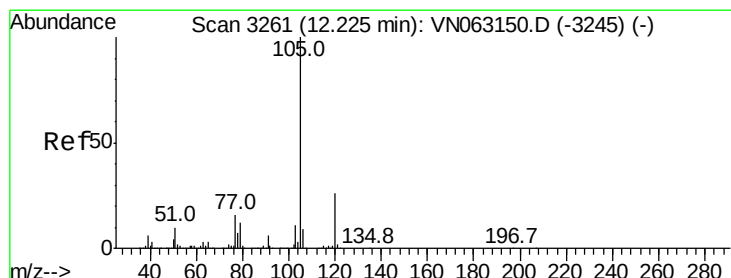
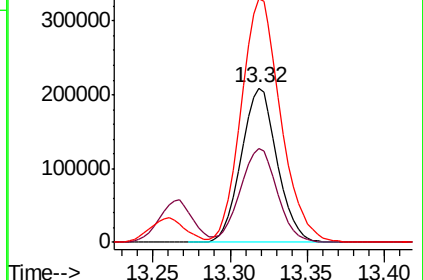
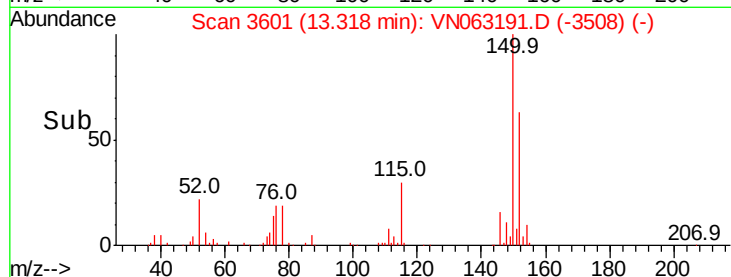
150 173.1 0.0 353.0



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: 50.240 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063191.D

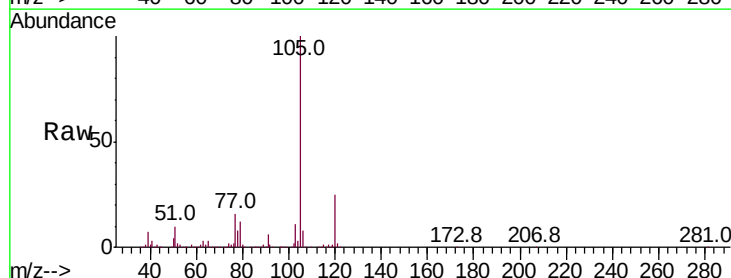
Acq: 2 Sep 2020 13:29

Tgt Ion:105 Resp: 1301531

Ion Ratio Lower Upper

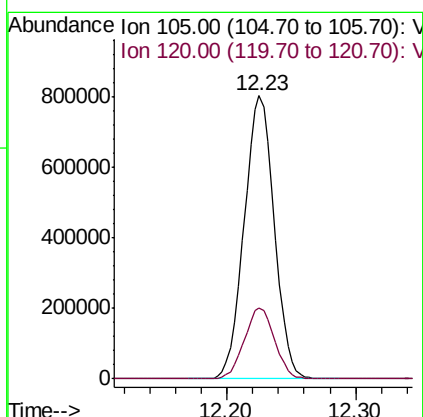
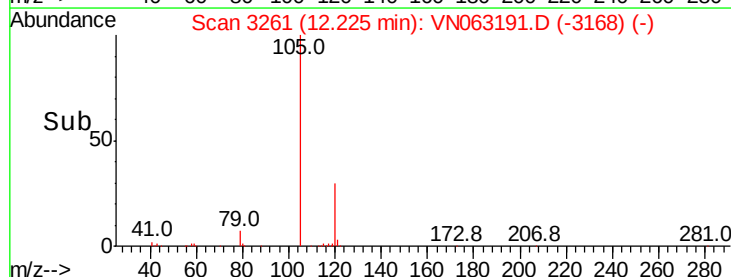
105 100

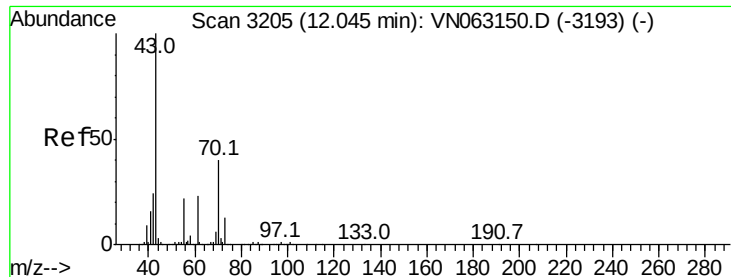
120 25.2 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyl acetate

Concen: 51.671 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063191.D

Acq: 2 Sep 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-783-785MSD

Tot Ion: 43 Resp: 554470

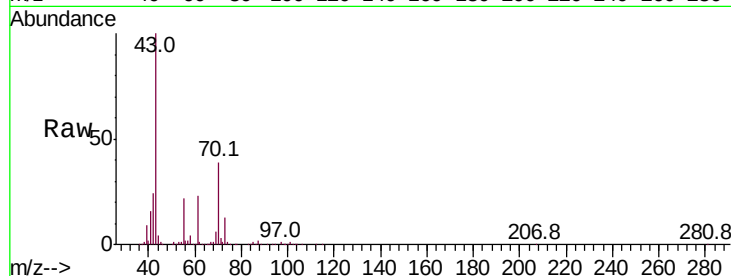
Ion Ratio Lower Upper

43 100

70 39.2 32.1 48.1

55 21.9 17.4 26.0

61 22.3 18.6 27.8

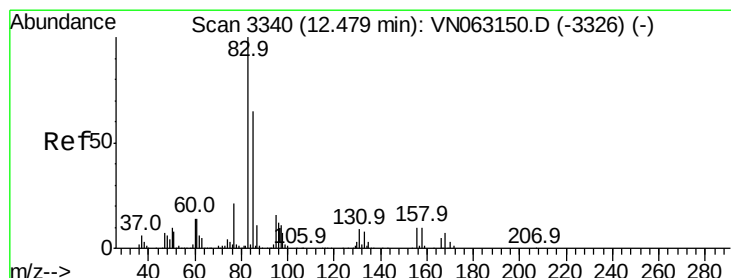
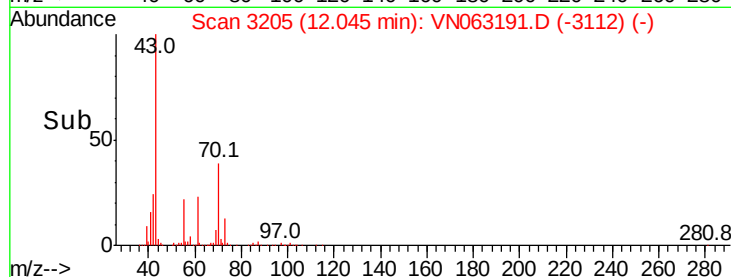
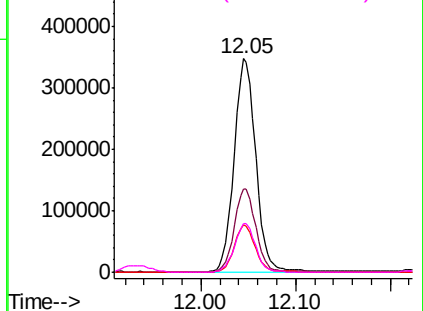


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: 48.281 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063191.D

Acq: 2 Sep 2020 13:29

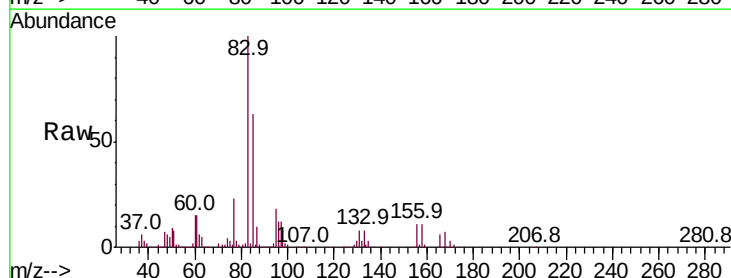
Tgt Ion: 83 Resp: 360602

Ion Ratio Lower Upper

83 100

131 9.3 4.7 14.0

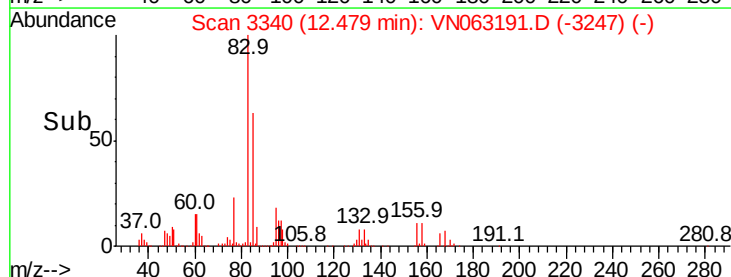
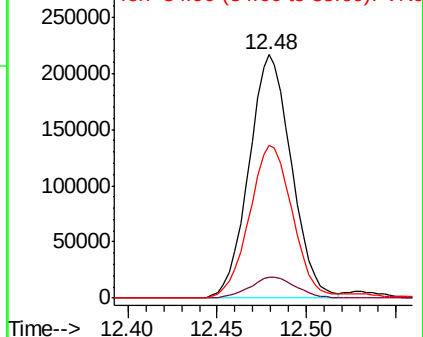
85 63.7 32.7 98.1

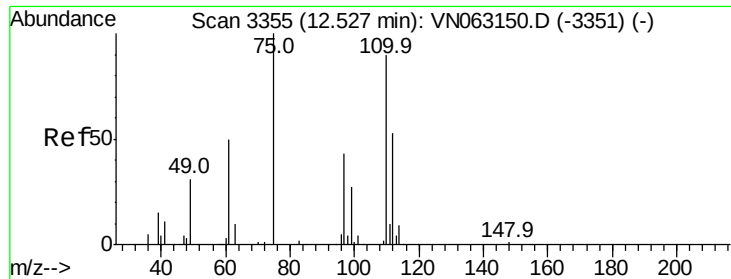


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0

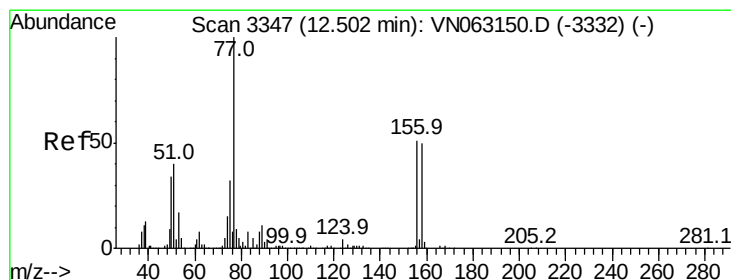
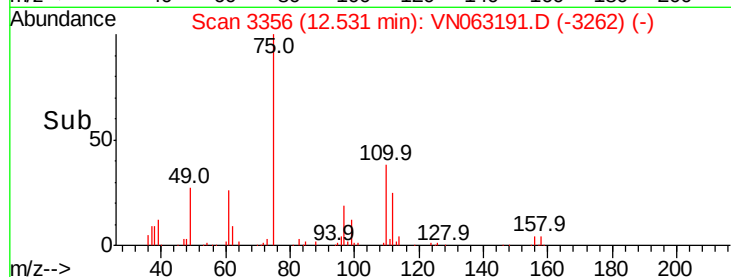
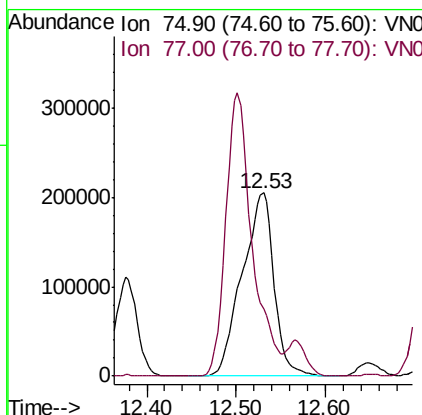
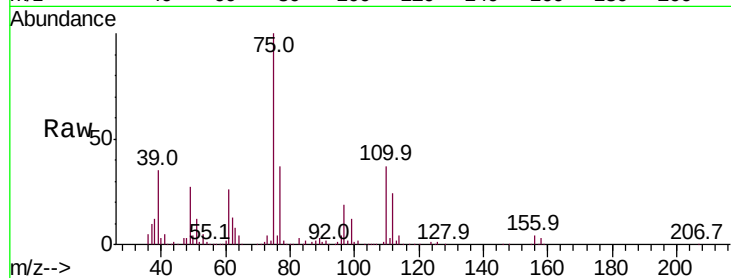




#76
 1,2,3-Trichloropropane
 Concen: 76.384 ug/l
 RT: 12.53 min Scan# 3356
 Delta R.T. 0.00 min
 Lab File: VN063191.D
 Acq: 2 Sep 2020 13:29

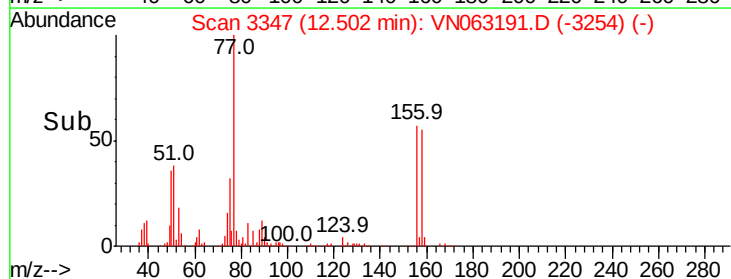
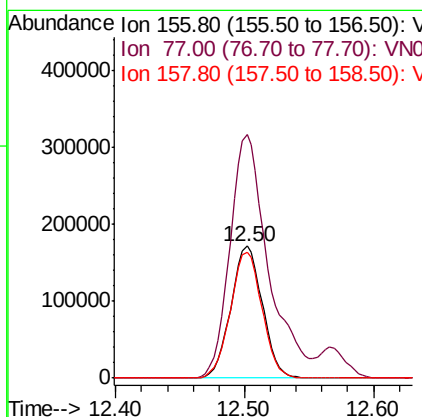
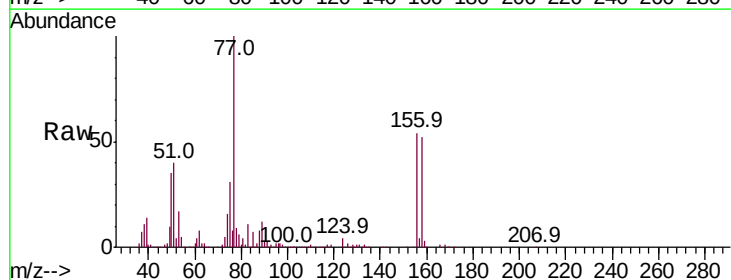
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-783-785MSD

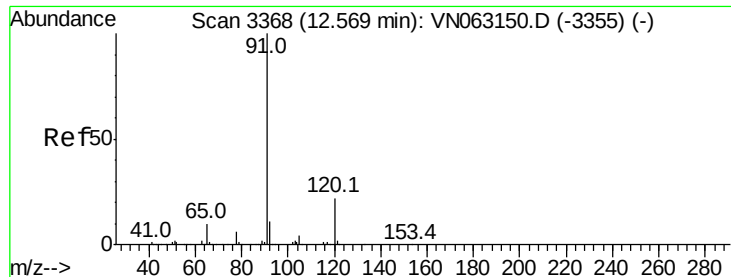
Tot Ion: 75 Resp: 506913
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



#77
 Bromobenzene
 Concen: 49.657 ug/l
 RT: 12.50 min Scan# 3347
 Delta R.T. 0.00 min
 Lab File: VN063191.D
 Acq: 2 Sep 2020 13:29

Tgt Ion: 156 Resp: 290937
 Ion Ratio Lower Upper
 156 100
 77 225.4 116.1 348.3
 158 95.8 48.8 146.4





#78

n-propylbenzene

Concen: 50.384 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063191.D

Acq: 2 Sep 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

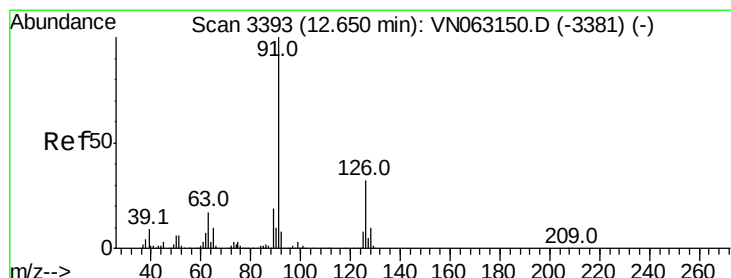
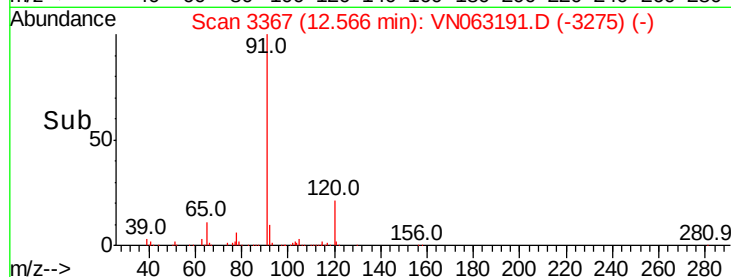
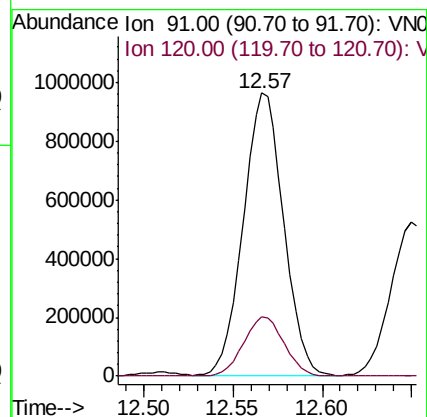
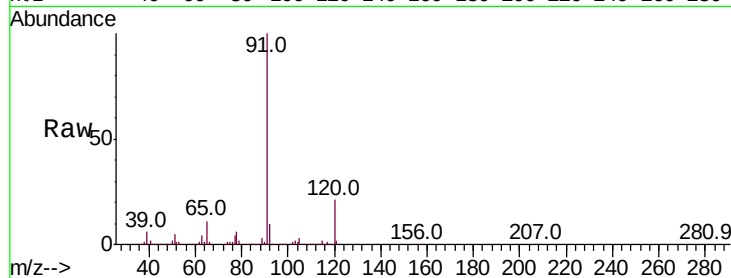
BP-VPB181-GW-783-785MSD

Tot Ion: 91 Resp: 1510412

Ion Ratio Lower Upper

91 100

120 21.3 10.9 32.7



#79

2-Chlorotoluene

Concen: 48.405 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN063191.D

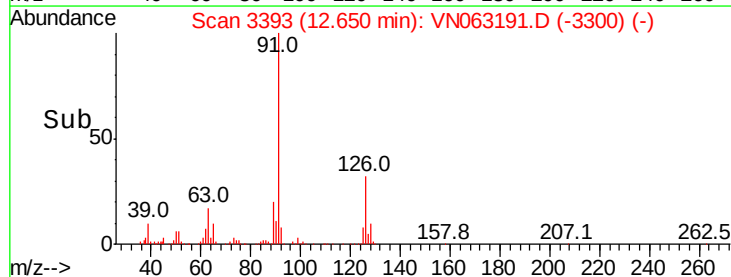
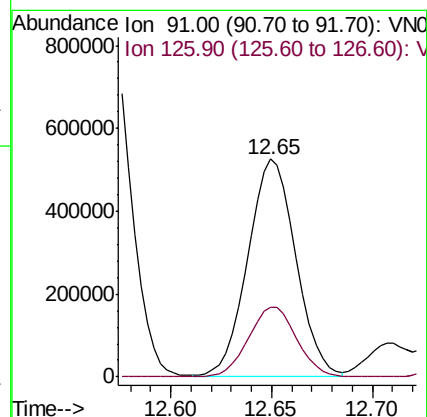
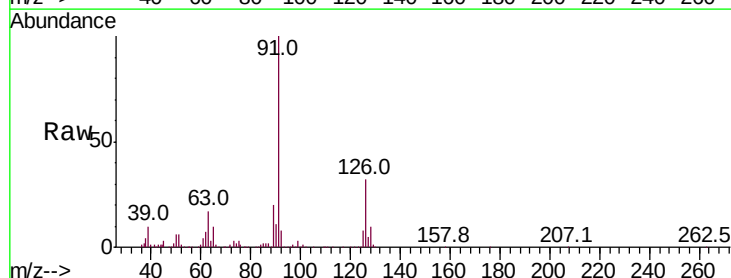
Acq: 2 Sep 2020 13:29

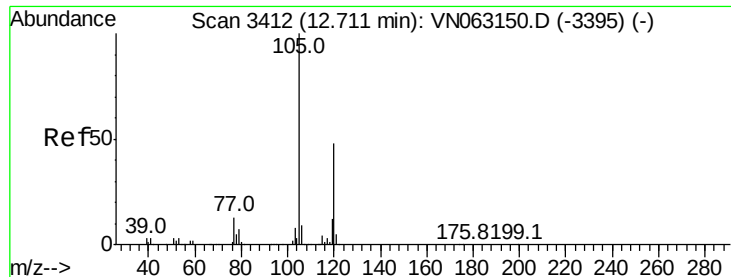
Tgt Ion: 91 Resp: 869109

Ion Ratio Lower Upper

91 100

126 32.7 16.1 48.3





#80

1,3,5-Trimethylbenzene

Concen: 50.350 ug/l

RT: 12.71 min Scan# 3412

Delta R.T. 0.00 min

Lab File: VN063191.D

Acq: 2 Sep 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

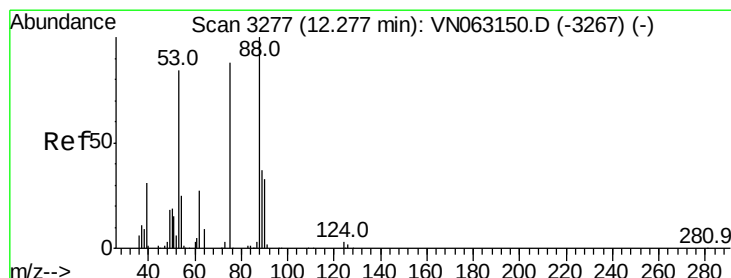
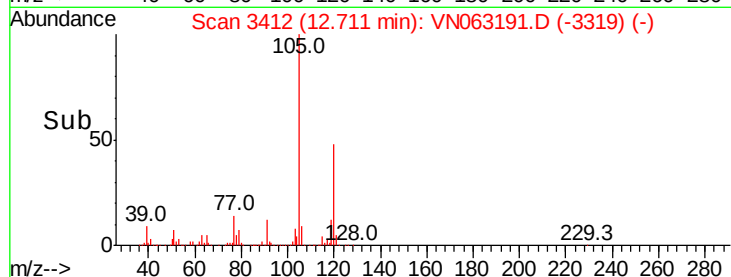
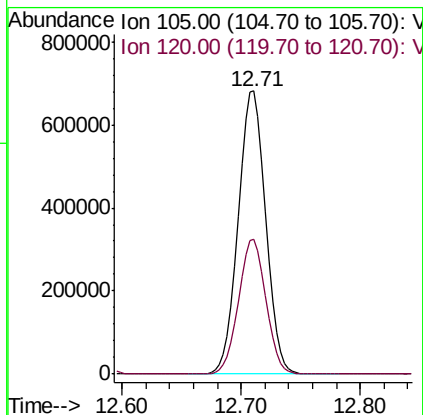
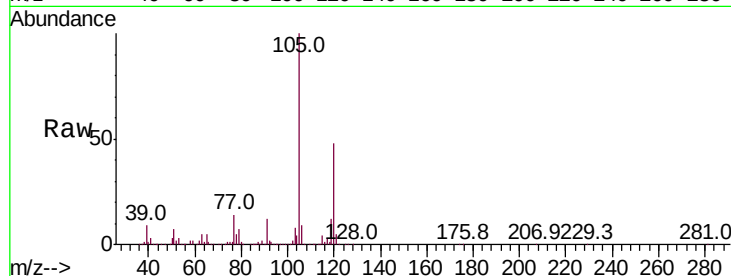
BP-VPB181-GW-783-785MSD

Tot Ion:105 Resp: 1085725

Ion Ratio Lower Upper

105 100

120 47.4 24.2 72.6



#81

trans-1,4-Dichloro-2-butene

Concen: 46.446 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063191.D

Acq: 2 Sep 2020 13:29

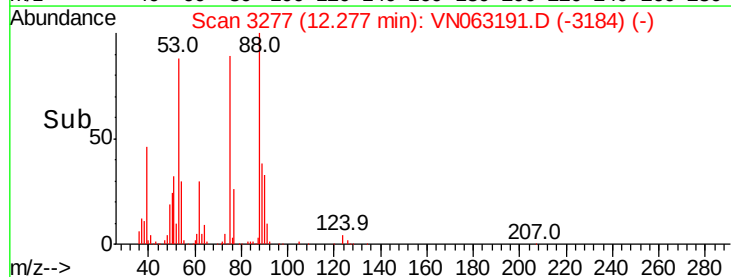
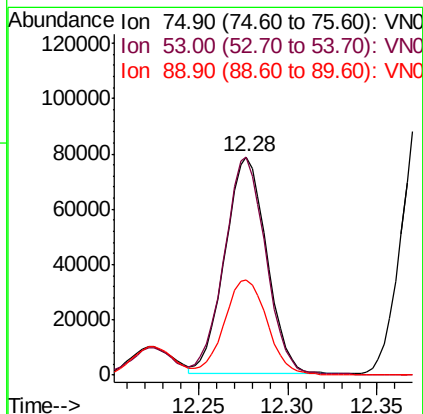
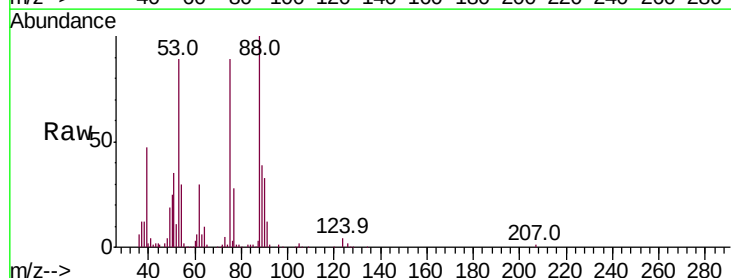
Tgt Ion: 75 Resp: 127527

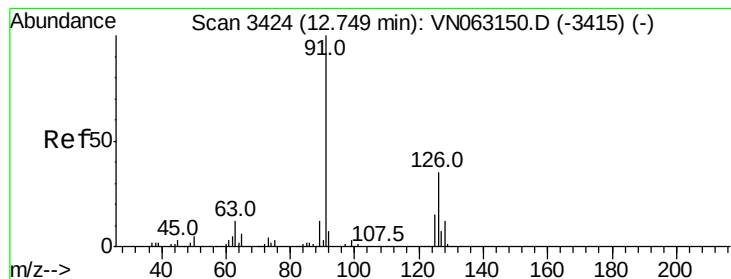
Ion Ratio Lower Upper

75 100

53 100.8 78.7 118.1

89 45.4 35.3 52.9





#82

4-Chlorotoluene

Concen: 49.850 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063191.D

Acq: 2 Sep 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

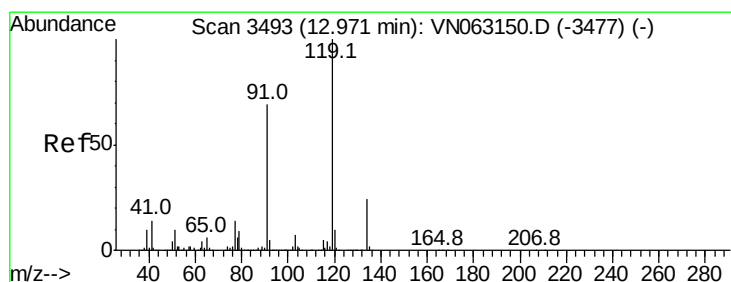
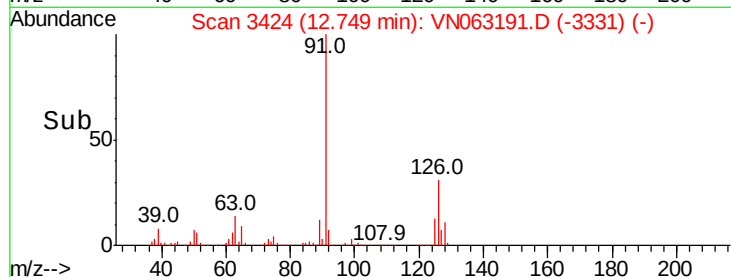
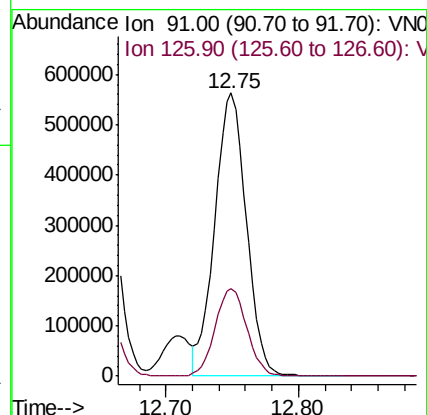
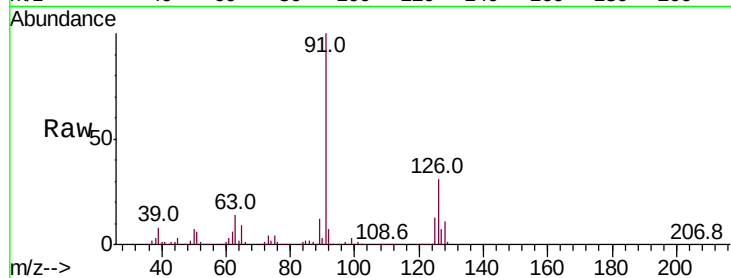
BP-VPB181-GW-783-785MSD

Tot Ion: 91 Resp: 928295

Ion Ratio Lower Upper

91 100

126 31.0 16.2 48.5



#83

tert-Butylbenzene

Concen: 48.419 ug/l

RT: 12.97 min Scan# 3493

Delta R.T. 0.00 min

Lab File: VN063191.D

Acq: 2 Sep 2020 13:29

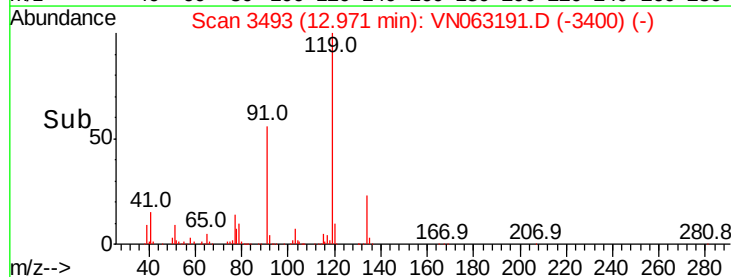
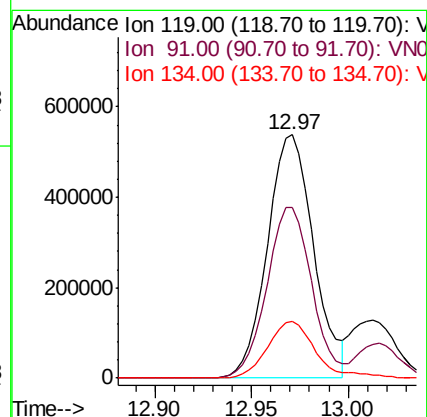
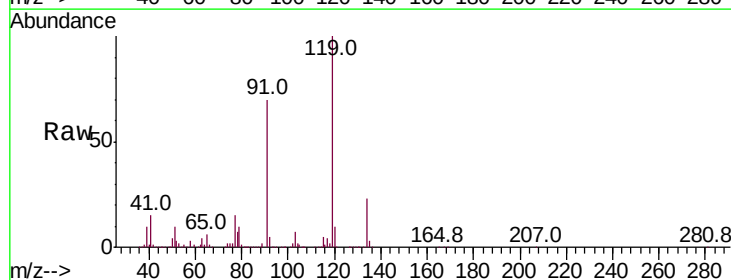
Tgt Ion: 119 Resp: 895431

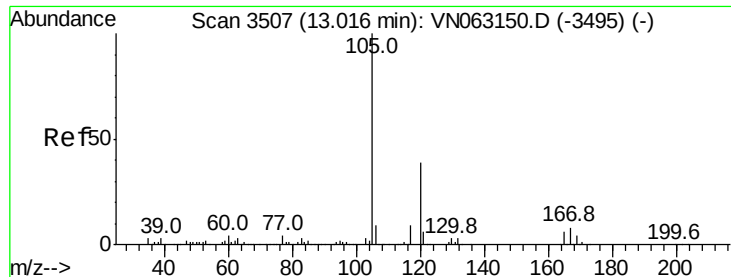
Ion Ratio Lower Upper

119 100

91 67.9 33.7 101.0

134 24.4 12.0 36.0

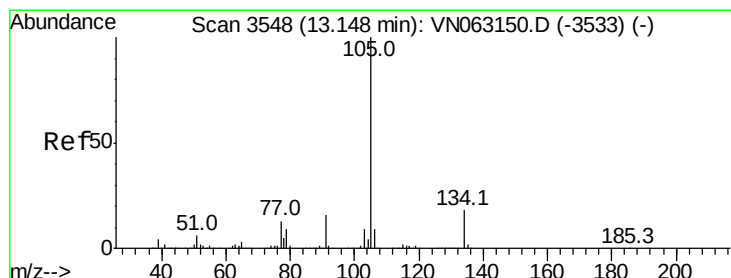
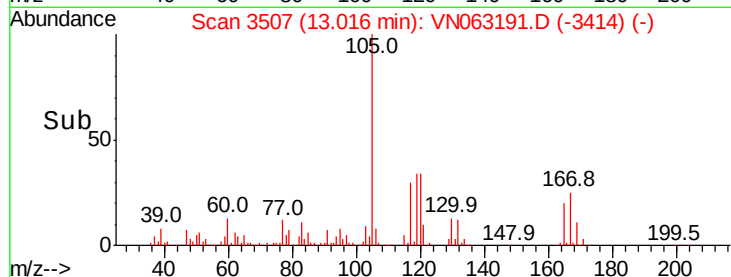
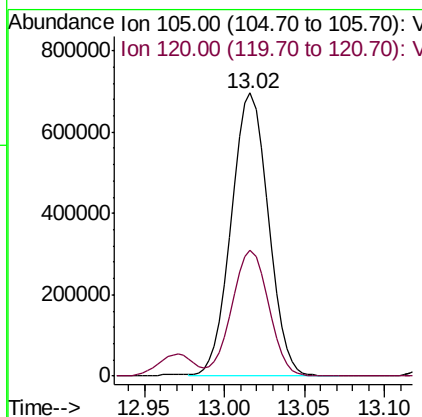
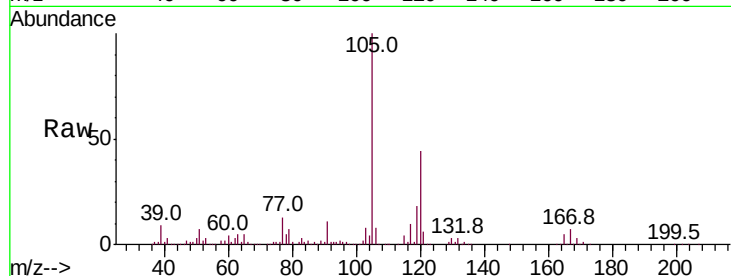




#84
 1,2,4-Trimethylbenzene
 Concen: 50.325 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063191.D
 Acq: 2 Sep 2020 13:29

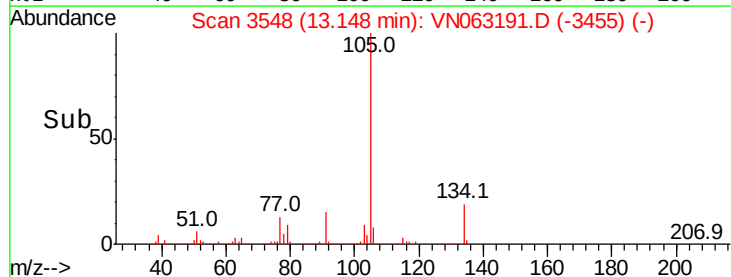
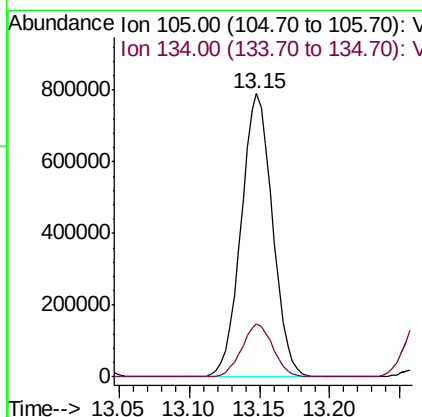
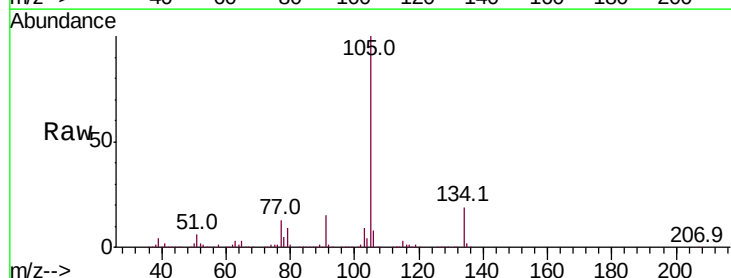
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-783-785MSD

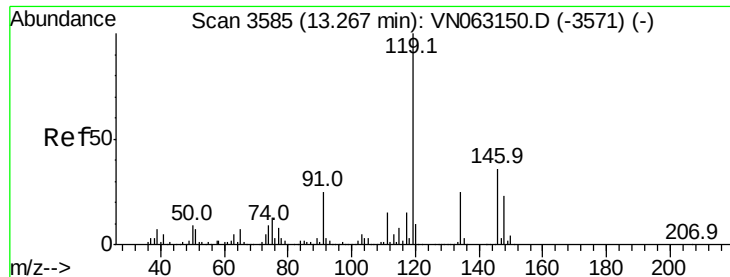
Tot Ion:105 Resp: 1093816
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.6 67.7



#85
 sec-Butylbenzene
 Concen: 50.949 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063191.D
 Acq: 2 Sep 2020 13:29

Tgt Ion:105 Resp: 1227983
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.4 28.3





#86

p-Isopropyltoluene

Concen: 51.371 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063191.D

Acq: 2 Sep 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-783-785MSD

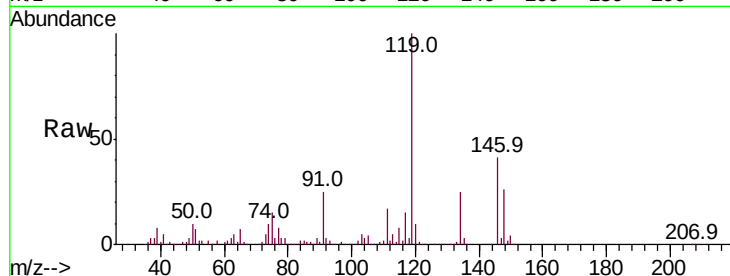
Tot Ion:119 Resp: 1099257

Ion Ratio Lower Upper

119 100

134 24.7 12.4 37.4

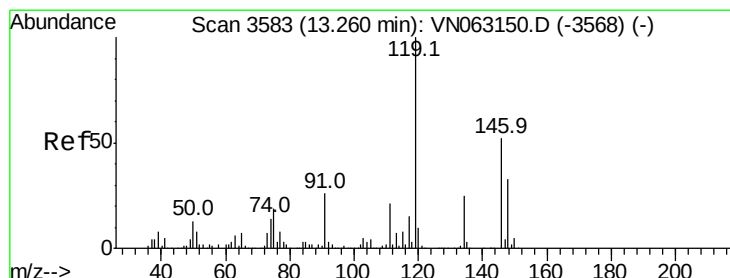
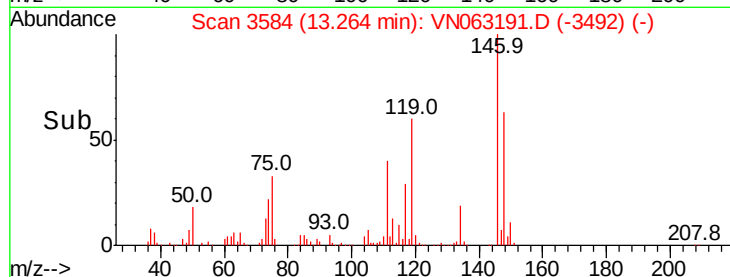
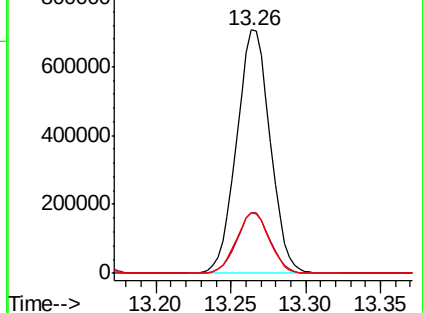
91 25.0 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 50.255 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN063191.D

Acq: 2 Sep 2020 13:29

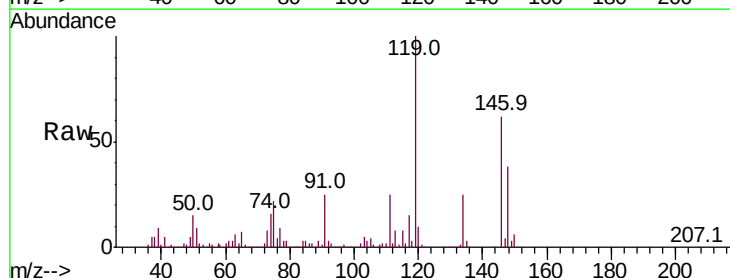
Tgt Ion:146 Resp: 540911

Ion Ratio Lower Upper

146 100

111 40.8 21.3 63.7

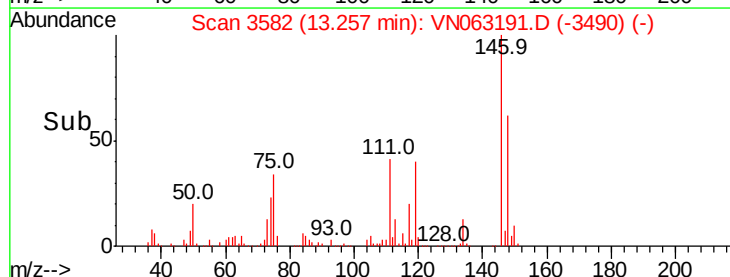
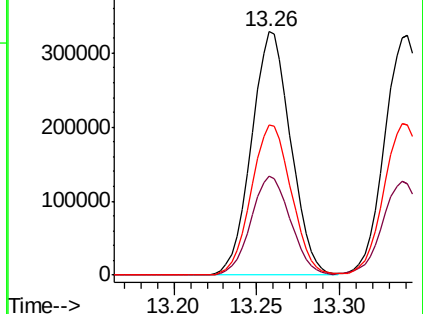
148 62.9 31.9 95.9

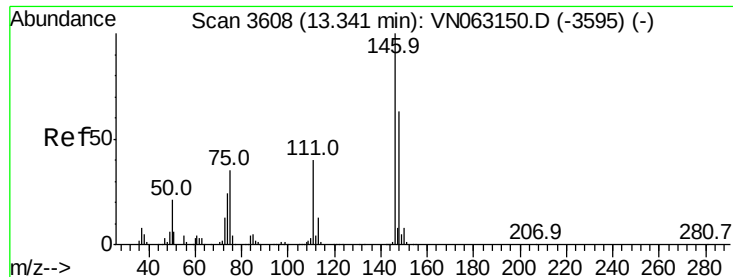


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 48.215 ug/l

RT: 13.34 min Scan# 3608

Delta R.T. 0.00 min

Lab File: VN063191.D

Acq: 2 Sep 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-783-785MSD

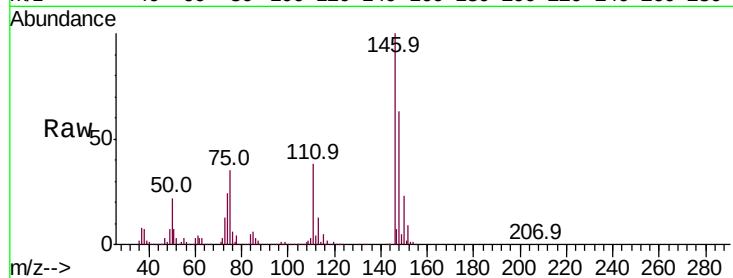
Tot Ion:146 Resp: 537344

Ion Ratio Lower Upper

146 100

111 40.0 20.5 61.5

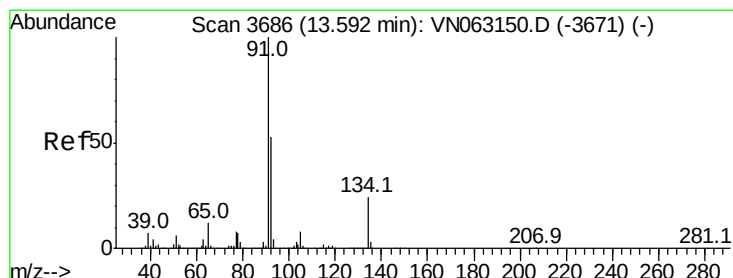
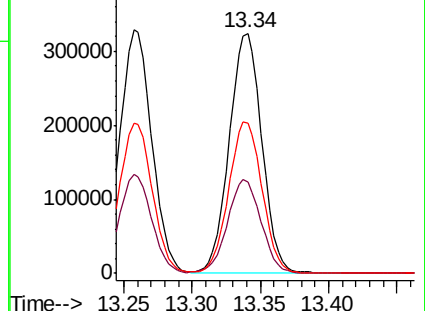
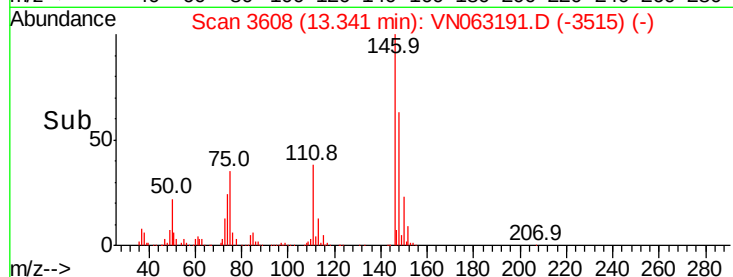
148 64.7 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 50.479 ug/l

RT: 13.59 min Scan# 3686

Delta R.T. 0.00 min

Lab File: VN063191.D

Acq: 2 Sep 2020 13:29

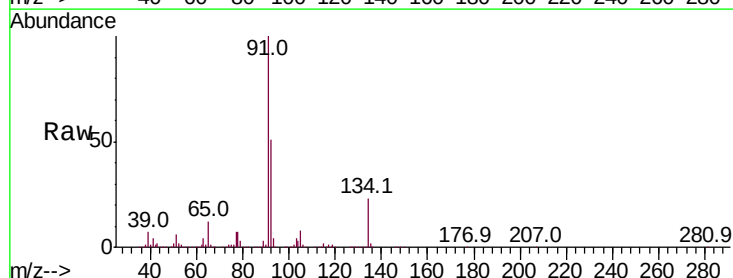
Tgt Ion: 91 Resp: 997897

Ion Ratio Lower Upper

91 100

92 51.2 26.3 78.8

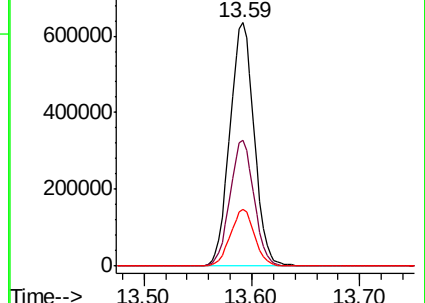
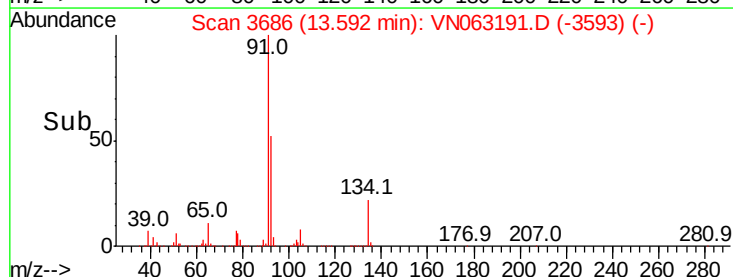
134 23.1 12.0 36.0

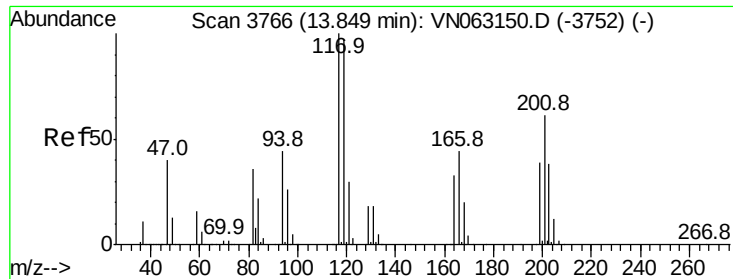


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V

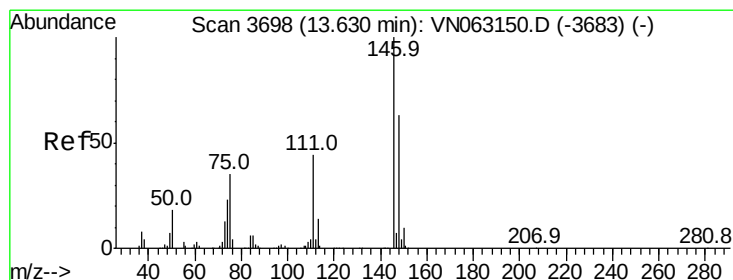
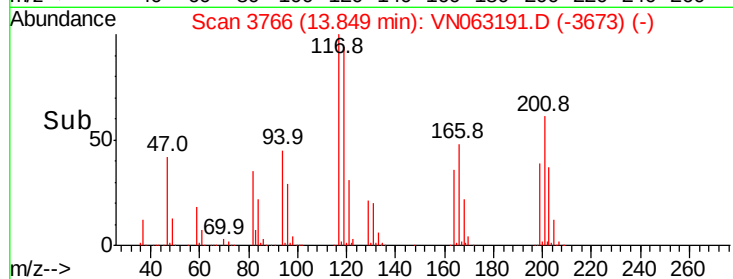
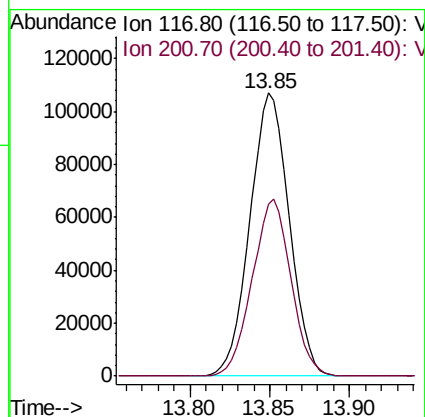
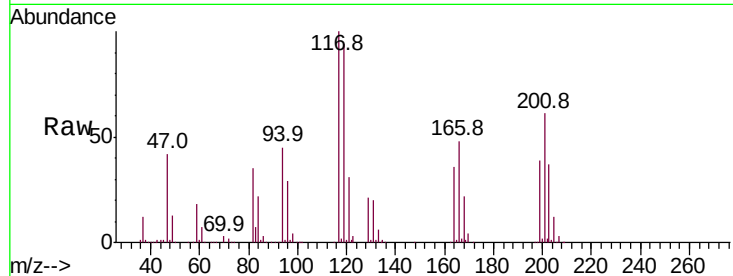




#90
Hexachloroethane
Concen: 45.520 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063191.D
Acq: 2 Sep 2020 13:29

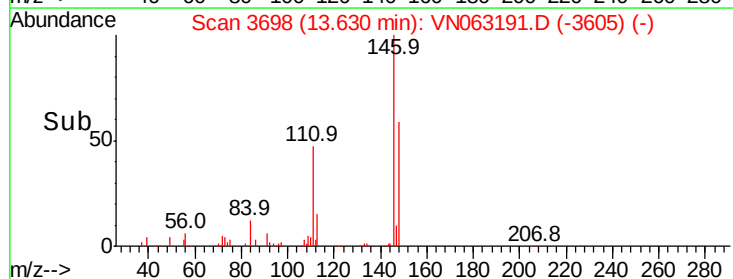
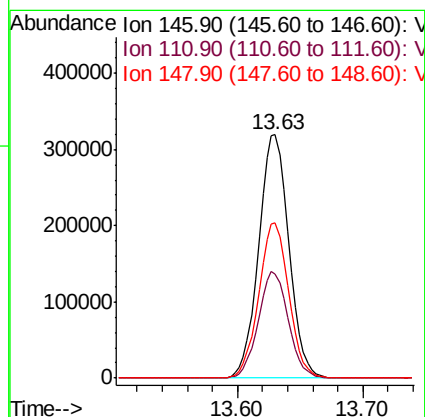
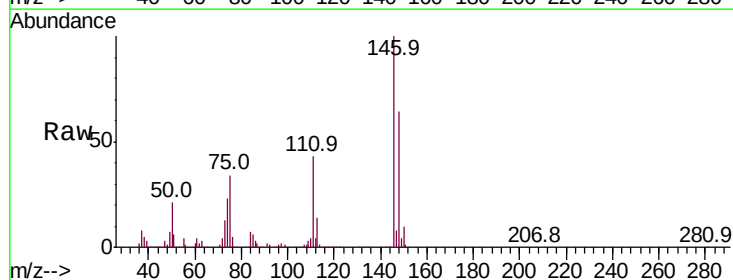
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-783-785MSD

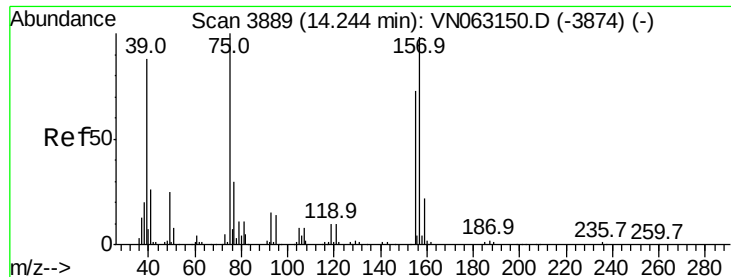
Tot Ion:117 Resp: 180311
Ion Ratio Lower Upper
117 100
201 61.4 30.6 92.0



#91
1,2-Dichlorobenzene
Concen: 51.179 ug/l
RT: 13.63 min Scan# 3698
Delta R.T. 0.00 min
Lab File: VN063191.D
Acq: 2 Sep 2020 13:29

Tgt Ion:146 Resp: 534557
Ion Ratio Lower Upper
146 100
111 43.4 22.0 66.0
148 63.6 31.6 95.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 50.729 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN063191.D

Acq: 2 Sep 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-783-785MSD

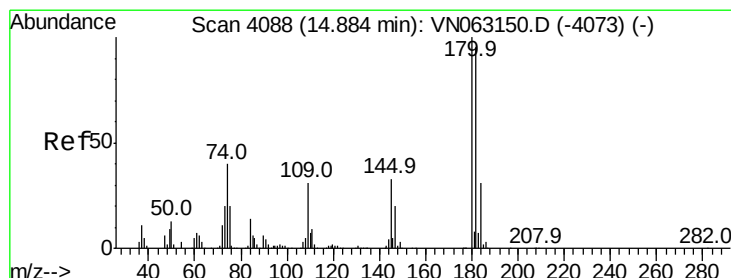
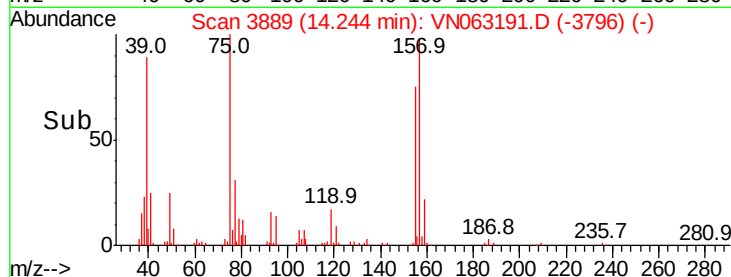
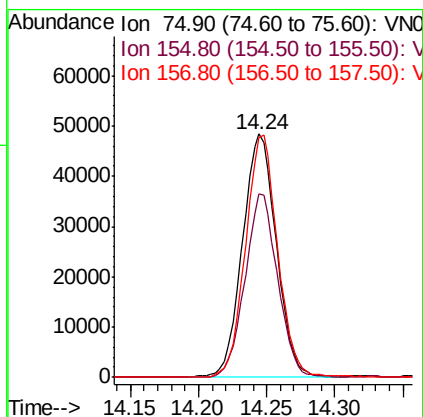
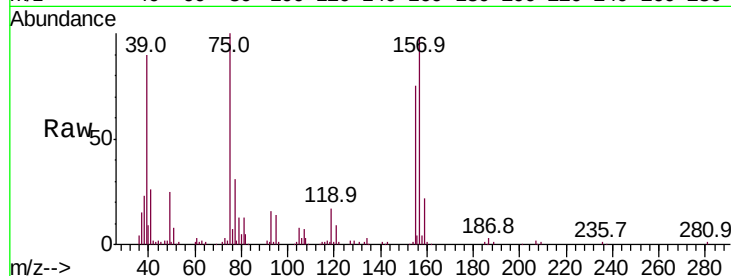
Tot Ion: 75 Resp: 83299

Ion Ratio Lower Upper

75 100

155 73.0 36.1 108.5

157 94.5 48.4 145.0



#93

1,2,4-Trichlorobenzene

Concen: 49.020 ug/l

RT: 14.88 min Scan# 4088

Delta R.T. 0.00 min

Lab File: VN063191.D

Acq: 2 Sep 2020 13:29

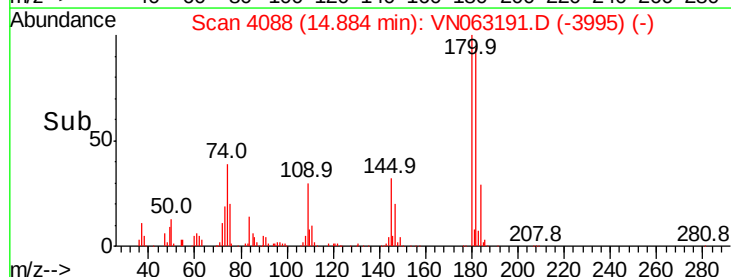
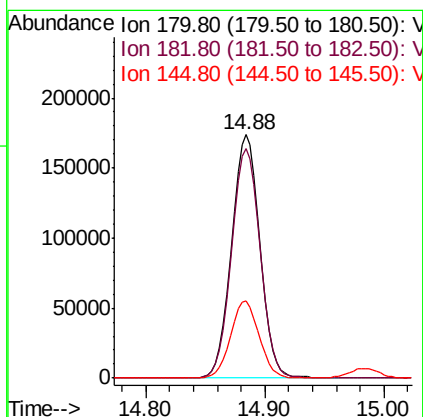
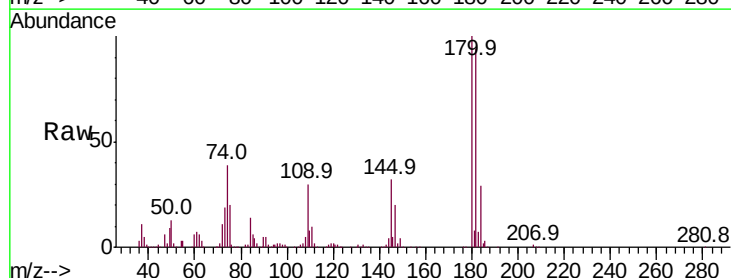
Tgt Ion: 180 Resp: 286047

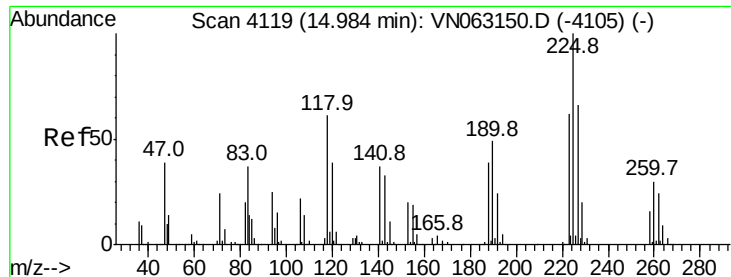
Ion Ratio Lower Upper

180 100

182 95.6 47.5 142.5

145 31.9 16.6 49.8





#94

Hexachlorobutadiene

Concen: 46.408 ug/l

RT: 14.98 min Scan# 4119

Delta R.T. 0.00 min

Lab File: VN063191.D

Acq: 2 Sep 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-783-785MSD

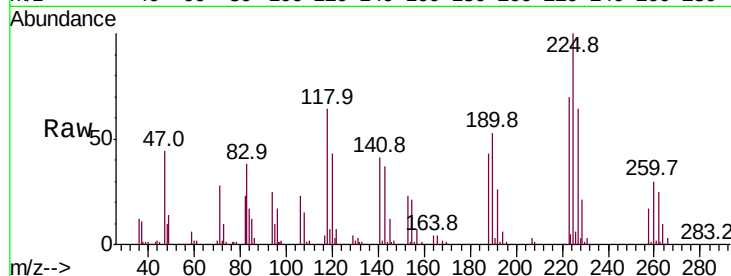
Tot Ion:225 Resp: 101165

Ion Ratio Lower Upper

225 100

223 65.0 30.9 92.7

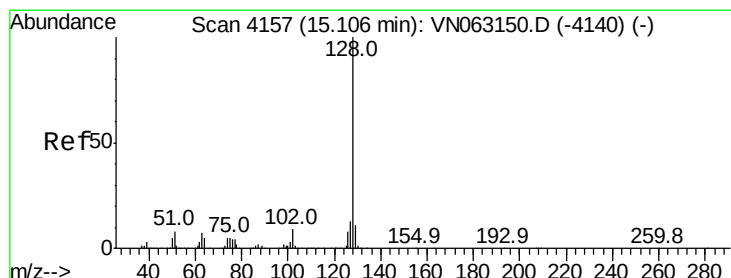
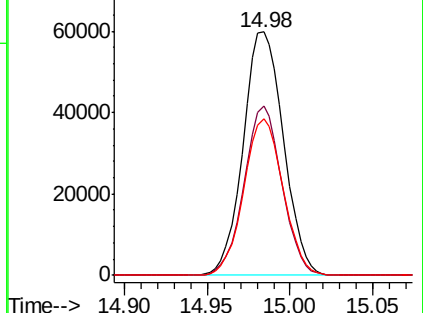
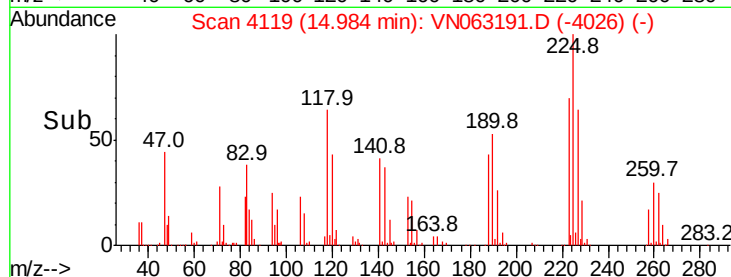
227 62.7 32.9 98.7



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 49.419 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063191.D

Acq: 2 Sep 2020 13:29

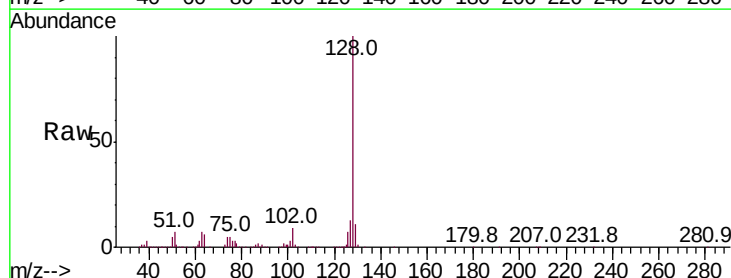
Tgt Ion:128 Resp: 962130

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

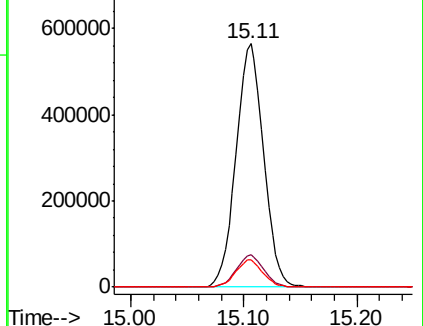
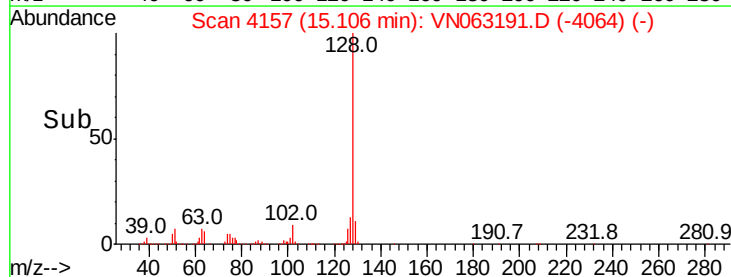
129 11.0 8.6 13.0

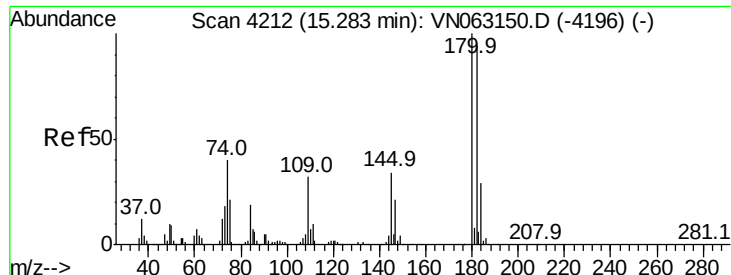


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

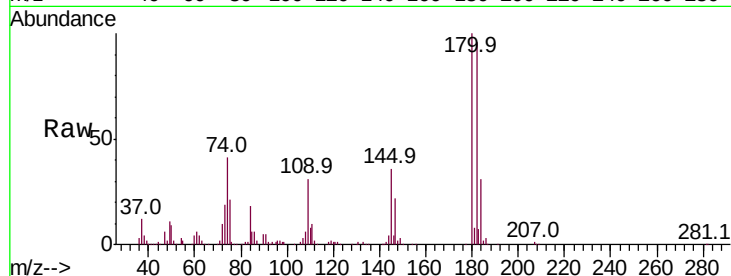




#96
 1,2,3-Trichlorobenzene
 Concen: 48.083 ug/l
 RT: 15.29 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN063191.D
 Acq: 2 Sep 2020 13:29

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-783-785MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.5	142.5
145	35.9	17.3	52.0



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

