

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090420\
 Data File : VN063263.D
 Acq On : 5 Sep 2020 2:48
 Operator : JC/MD
 Sample : VN0904WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBS02

Quant Time: Sep 05 07:33:34 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	7.62	168	250151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	513062	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	470818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	197988	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	225019	55.03	ug/l	0.00
Spiked Amount			Recovery	=	110.06%	
35) Dibromofluoromethane	7.55	113	163223	49.59	ug/l	0.00
Spiked Amount			Recovery	=	99.18%	
50) Toluene-d8	10.06	98	569867	44.98	ug/l	0.00
Spiked Amount			Recovery	=	89.96%	
62) 4-Bromofluorobenzene	12.38	95	190991	43.10	ug/l	0.00
Spiked Amount			Recovery	=	86.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	31251	12.685	ug/l	99
3) Chloromethane	2.04	50	67344	18.773	ug/l	99
4) Vinyl Chloride	2.17	62	65502	16.530	ug/l	99
5) Bromomethane	2.54	94	75114	22.519	ug/l	97
6) Chloroethane	2.68	64	67732	21.498	ug/l	95
7) Trichlorofluoromethane	2.98	101	92968	14.245	ug/l	97
8) Diethyl Ether	3.37	74	41424	21.848	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	42693	15.851	ug/l	96
10) Methyl Iodide	3.91	142	67876	18.477	ug/l	99
11) Tert butyl alcohol	4.72	59	55008	109.588	ug/l #	93
12) 1,1-Dichloroethene	3.70	96	47035	17.138	ug/l	95
13) Acrolein	3.57	56	10739	68.420	ug/l	97
14) Allyl chloride	4.28	41	82197	16.863	ug/l #	86
15) Acrylonitrile	4.93	53	155928	112.237	ug/l	98
16) Acetone	3.78	43	133847	115.142	ug/l	99
17) Carbon Disulfide	4.01	76	124532	15.244	ug/l	99
18) Methyl Acetate	4.28	43	74008	24.830	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	219880	21.596	ug/l	97
20) Methylene Chloride	4.50	84	72578	21.928	ug/l #	93
21) trans-1,2-Dichloroethene	4.99	96	58072	19.152	ug/l	94
22) Diisopropyl ether	5.90	45	234440	21.463	ug/l	99
23) Vinyl Acetate	5.84	43	939805	107.830	ug/l	99
24) 1,1-Dichloroethane	5.79	63	61866	10.274	ug/l	99
25) 2-Butanone	6.78	43	210439	116.914	ug/l	93
26) 2,2-Dichloropropane	6.78	77	67655	12.401	ug/l	96
27) cis-1,2-Dichloroethene	6.78	96	76079	20.642	ug/l	93
28) Bromochloromethane	7.15	49	65747	20.899	ug/l	97
29) Tetrahydrofuran	7.17	42	138030	110.905	ug/l	96
30) Chloroform	7.33	83	132924	21.099	ug/l	96
31) Cyclohexane	7.61	56	74774	12.786	ug/l #	94
32) 1,1,1-Trichloroethane	7.53	97	99141	18.262	ug/l	98
36) 1,1-Dichloropropene	7.75	75	78352	15.885	ug/l	99
37) Ethyl Acetate	6.88	43	98356	21.338	ug/l #	99
38) Carbon Tetrachloride	7.73	117	74261	14.846	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	62388	11.259	ug/l	96
40) Benzene	8.00	78	279662	19.295	ug/l	98
41) Methacrylonitrile	7.12	41	31904	15.354	ug/l #	70
42) 1,2-Dichloroethane	8.08	62	114682	21.182	ug/l	100
43) Isopropyl Acetate	8.13	43	161260	20.048	ug/l	98
44) Trichloroethene	8.80	130	67685	19.252	ug/l	95
45) 1,2-Dichloropropane	9.08	63	73859	19.246	ug/l	97
46) Dibromomethane	9.17	93	53688	21.111	ug/l	98
47) Bromodichloromethane	9.37	83	108037	19.819	ug/l	98
48) Methyl methacrylate	9.17	41	76382	21.064	ug/l	98
49) 1,4-Dioxane	9.17	88	24818	442.494	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	494061	113.029	ug/l	100
52) Toluene	10.13	92	170681	18.904	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	106769	17.906	ug/l	93
54) cis-1,3-Dichloropropene	9.81	75	113090	18.068	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	74610	21.577	ug/l	98
56) Ethyl methacrylate	10.40	69	106474	20.233	ug/l	97
57) 1,3-Dichloropropane	10.68	76	129728	21.060	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	257591	94.528	ug/l	100
59) 2-Hexanone	10.72	43	346060	112.652	ug/l	99
60) Dibromochloromethane	10.87	129	77181	20.189	ug/l	96
61) 1,2-Dibromoethane	10.98	107	76183	21.194	ug/l	97
64) Tetrachloroethene	10.60	164	61319	18.137	ug/l	99
65) Chlorobenzene	11.41	112	177954	18.766	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	68819	19.547	ug/l	99
67) Ethyl Benzene	11.49	91	297917	17.221	ug/l	100
68) m/p-Xylenes	11.59	106	218988	34.179	ug/l	98
69) o-Xylene	11.92	106	113149	18.281	ug/l	99
70) Styrene	11.94	104	188225	17.695	ug/l	99
71) Bromoform	12.10	173	46158	19.318	ug/l #	99
73) Isopropylbenzene	12.23	105	262366	17.277	ug/l	100
74) N-amyl acetate	12.05	43	130729	20.784	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	101488	23.181	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	124983	32.129	ug/l #	100
77) Bromobenzene	12.50	156	71848	20.920	ug/l	95
78) n-propylbenzene	12.57	91	294985	16.787	ug/l	99
79) 2-Chlorotoluene	12.65	91	191307	18.177	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	216477	17.127	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	26111	16.223	ug/l	90
82) 4-Chlorotoluene	12.75	91	191115	17.509	ug/l	97
83) tert-Butylbenzene	12.97	119	170309	15.711	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	225218	17.677	ug/l	98
85) sec-Butylbenzene	13.15	105	216272	15.308	ug/l	99
86) p-Isopropyltoluene	13.26	119	192296	15.331	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	119558	18.950	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	121778	18.641	ug/l	99
89) n-Butylbenzene	13.59	91	157643	13.604	ug/l	100
90) Hexachloroethane	13.85	117	32183	13.861	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	120713	19.717	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	17965	18.665	ug/l	94

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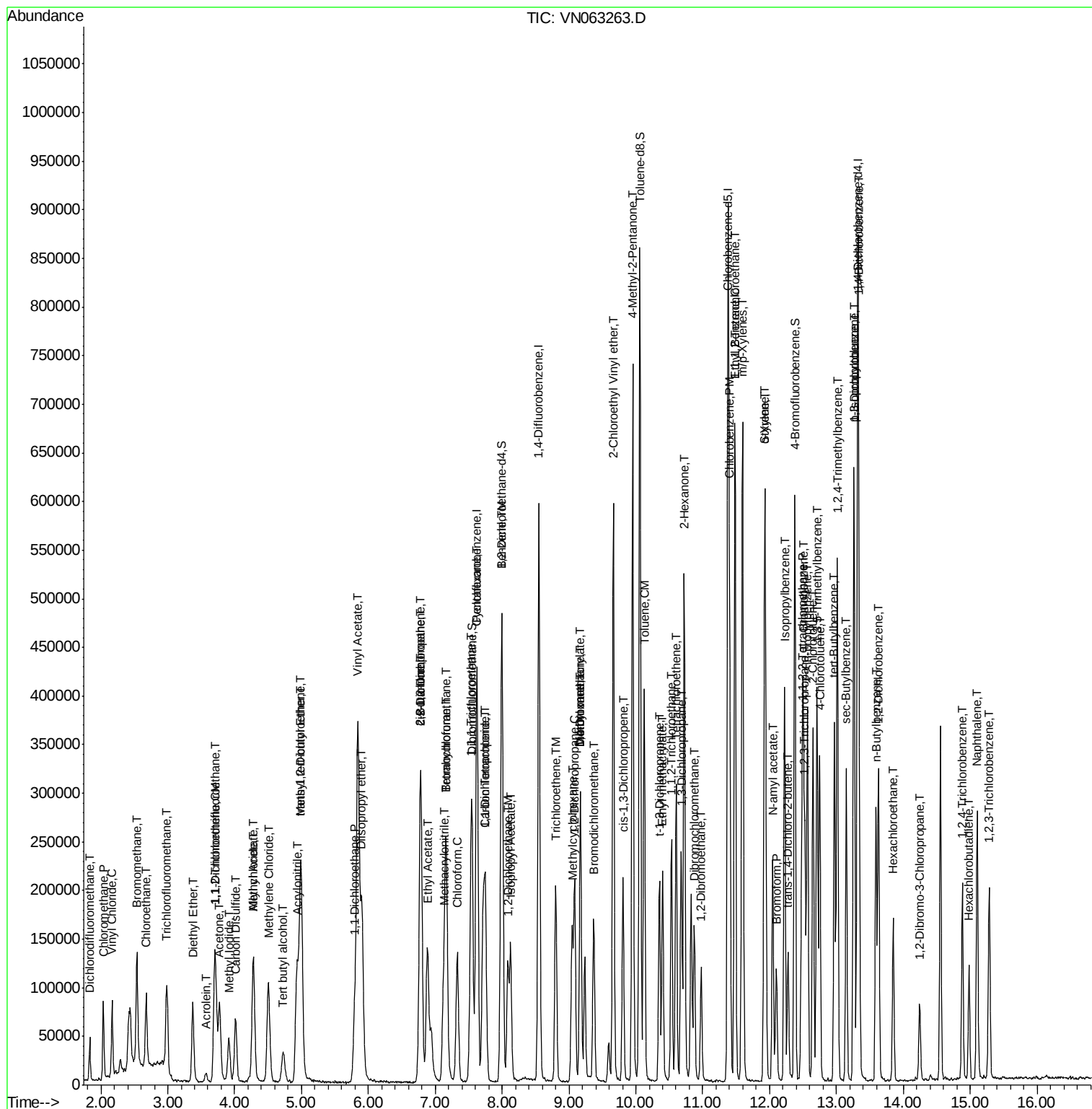
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	57373	16.773	ug/l	98
94) Hexachlorobutadiene	14.99	225	17001	13.305	ug/l	98
95) Naphthalene	15.11	128	226117	19.814	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	56254	16.881	ug/l	98

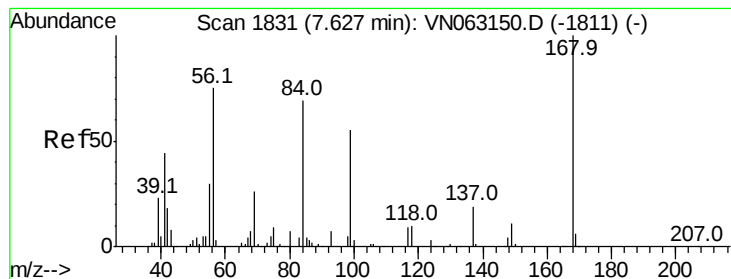
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090420\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

Instrument :

MSVOA_N

ClientSampleId :

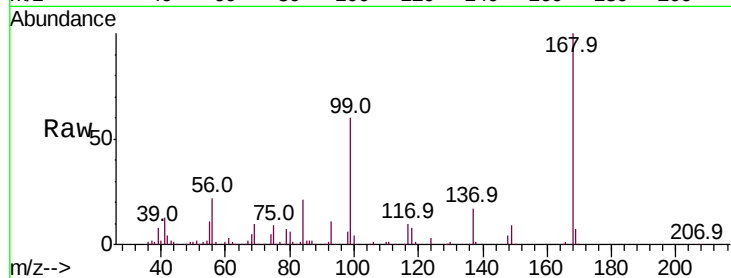
VN0904WBS02

Tot Ion:168 Resp: 250151

Ion Ratio Lower Upper

168 100

99 59.7 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

100000

80000

60000

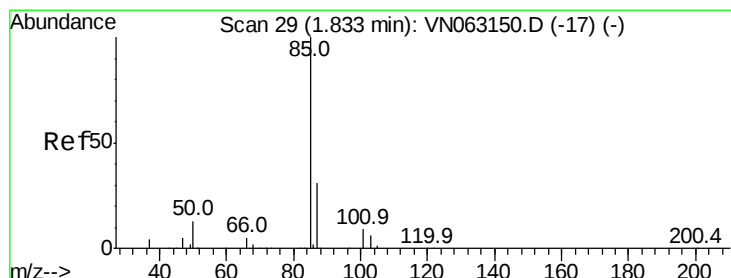
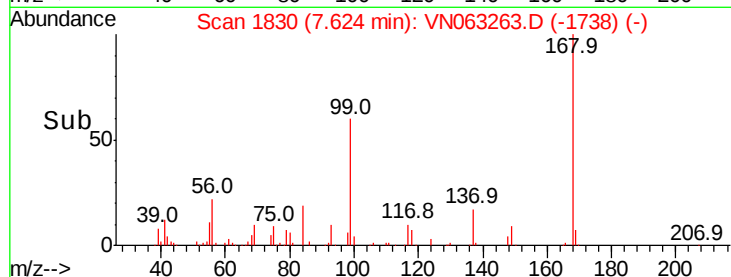
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 12.685 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN063263.D

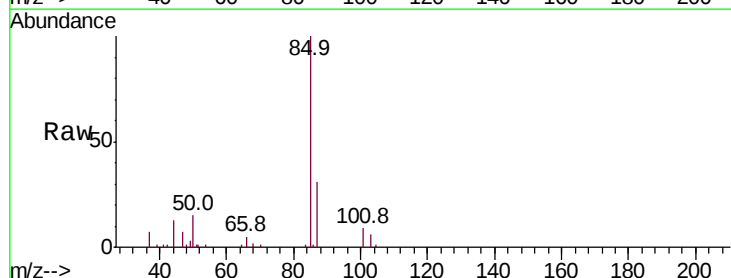
Acq: 5 Sep 2020 2:48

Tgt Ion: 85 Resp: 31251

Ion Ratio Lower Upper

85 100

87 30.7 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

25000

20000

15000

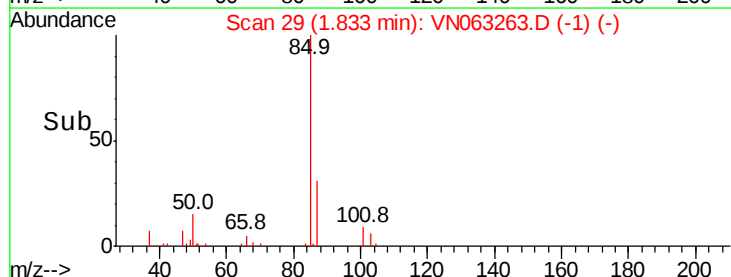
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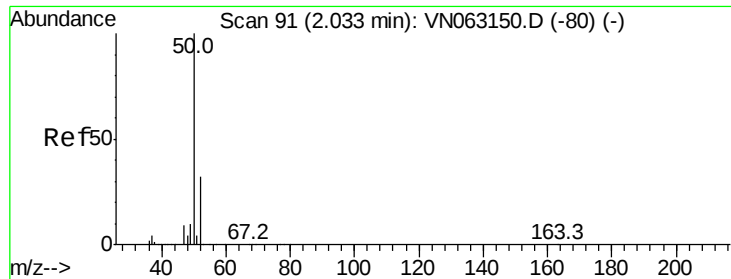
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0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 18.773 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

Instrument :

MSVOA_N

ClientSampleId :

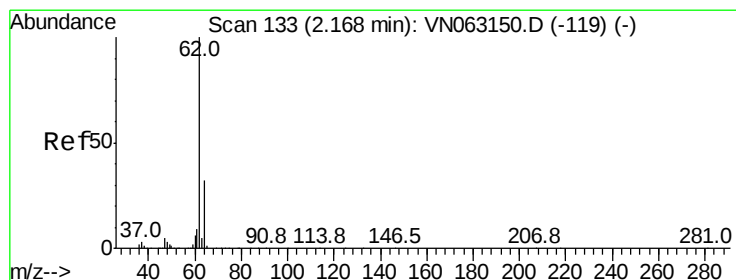
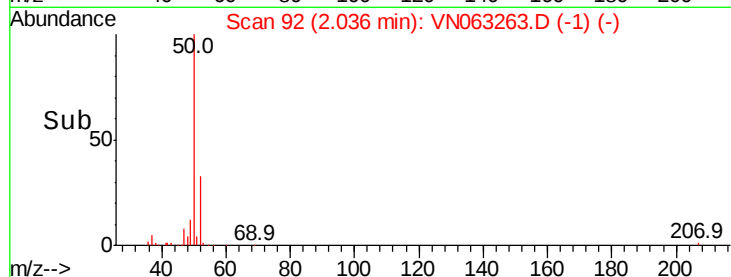
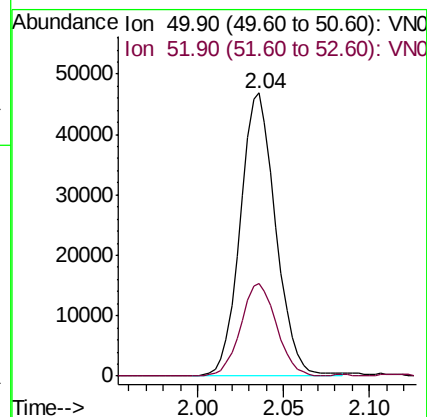
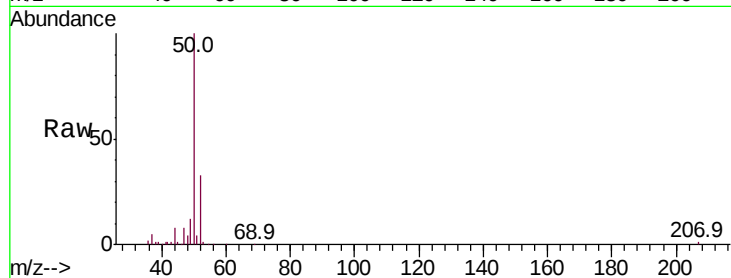
VN0904WBS02

Tot Ion: 50 Resp: 67344

Ion Ratio Lower Upper

50 100

52 32.7 25.8 38.6



#4

Vinyl Chloride

Concen: 16.530 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN063263.D

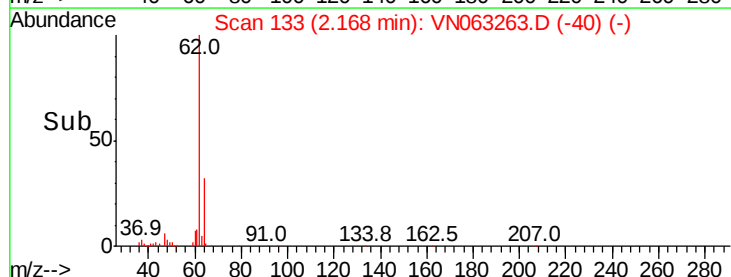
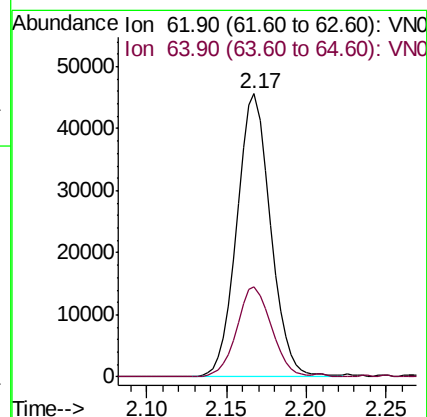
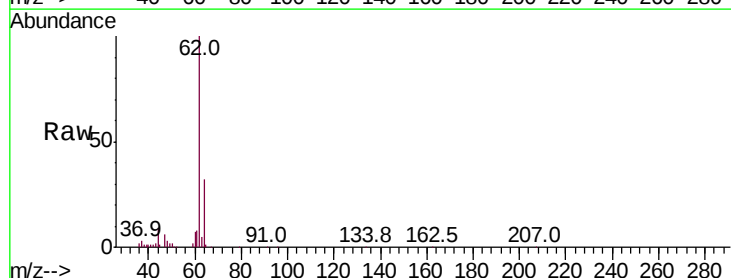
Acq: 5 Sep 2020 2:48

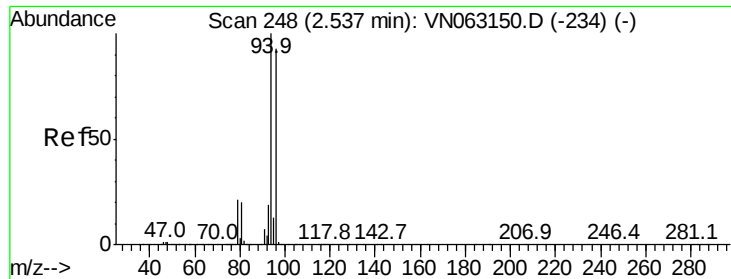
Tgt Ion: 62 Resp: 65502

Ion Ratio Lower Upper

62 100

64 31.7 25.8 38.8





#5

Bromomethane

Concen: 22.519 ug/l

RT: 2.54 min Scan# 248

Delta R.T. -0.00 min

Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

Instrument :

MSVOA_N

ClientSampleId :

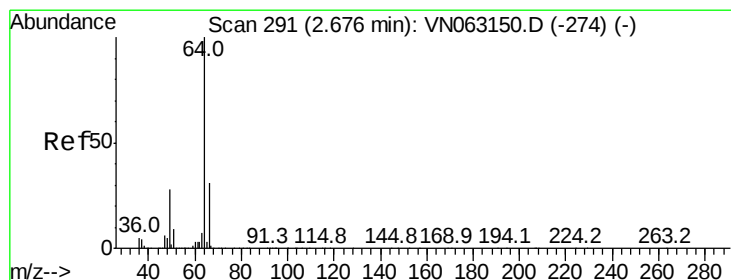
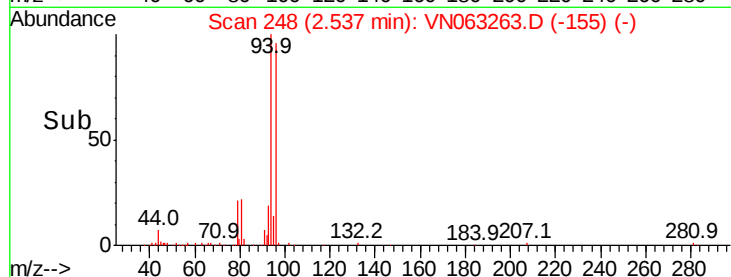
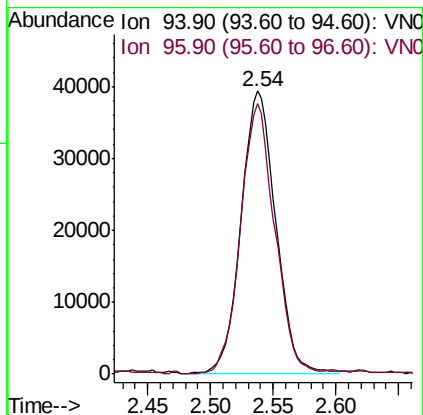
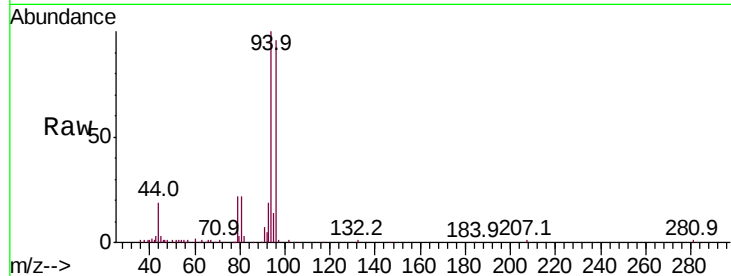
VN0904WBS02

Tot Ion: 94 Resp: 75114

Ion Ratio Lower Upper

94 100

96 96.0 74.4 111.6



#6

Chloroethane

Concen: 21.498 ug/l

RT: 2.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VN063263.D

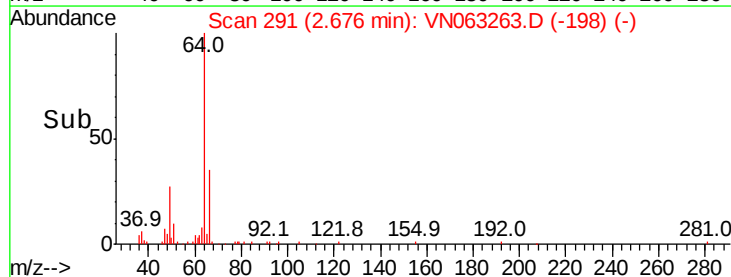
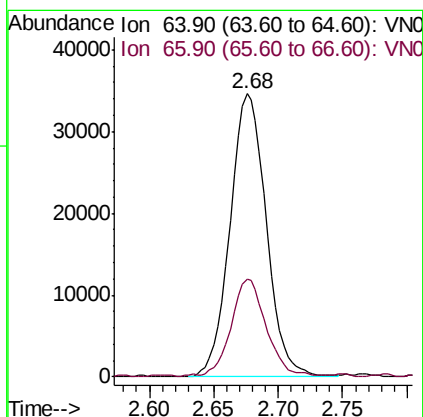
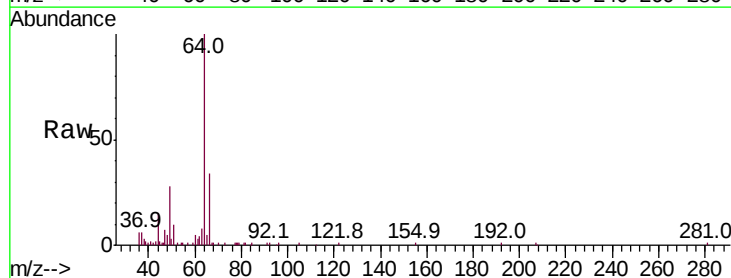
Acq: 5 Sep 2020 2:48

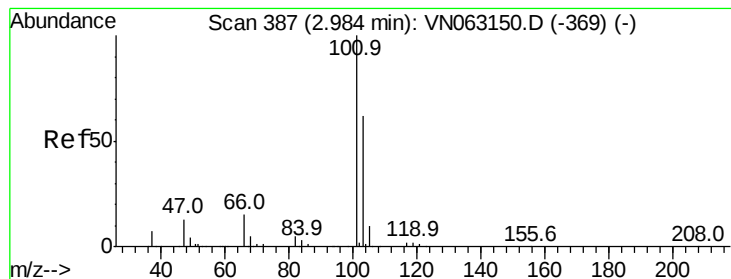
Tgt Ion: 64 Resp: 67732

Ion Ratio Lower Upper

64 100

66 33.7 24.7 37.1



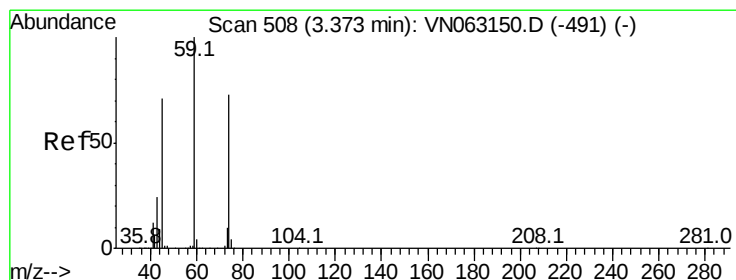
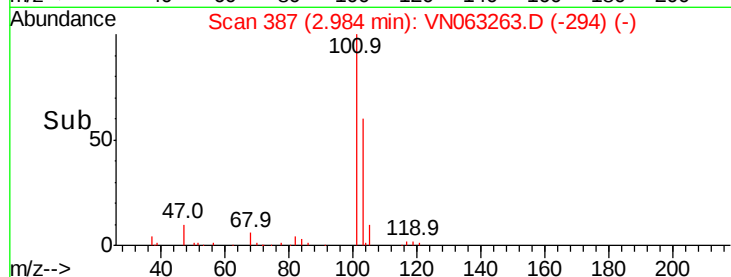
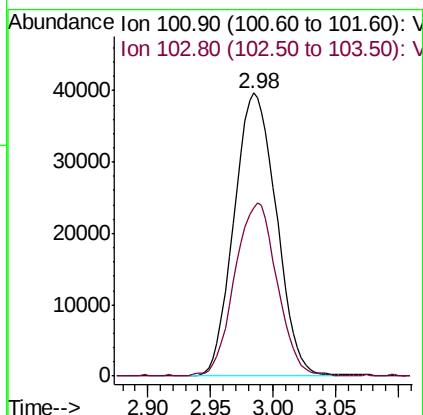
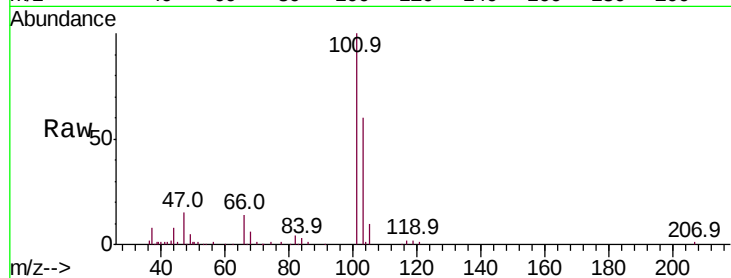


#7

Trichlorofluoromethane
 Concen: 14.245 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN063263.D
 Acq: 5 Sep 2020 2:48

Instrument :
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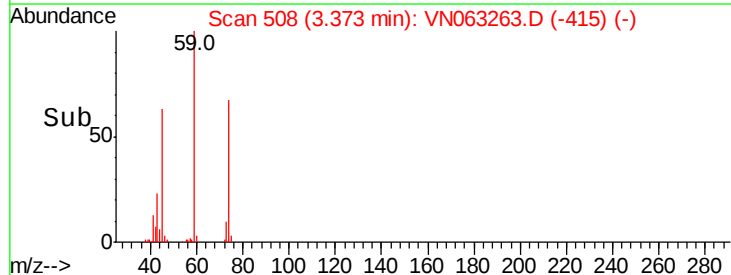
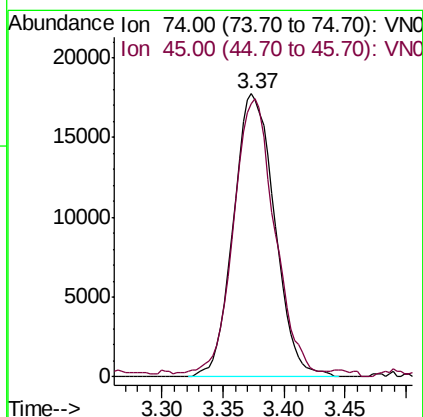
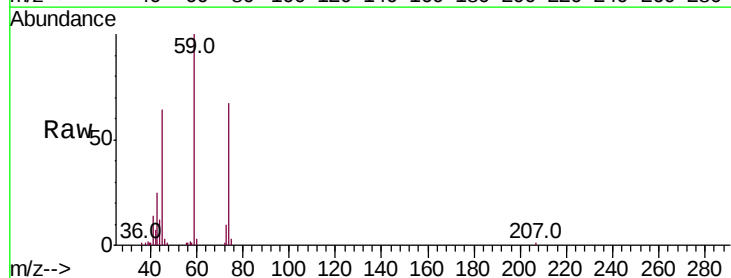
Tot Ion:101 Resp: 92968
 Ion Ratio Lower Upper
 101 100
 103 59.6 49.7 74.5

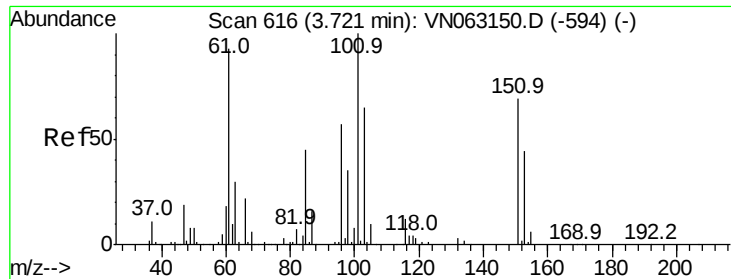


#8

Diethyl Ether
 Concen: 21.848 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063263.D
 Acq: 5 Sep 2020 2:48

Tgt Ion: 74 Resp: 41424
 Ion Ratio Lower Upper
 74 100
 45 95.9 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.851 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

Instrument :

MSVOA_N

ClientSampleId :

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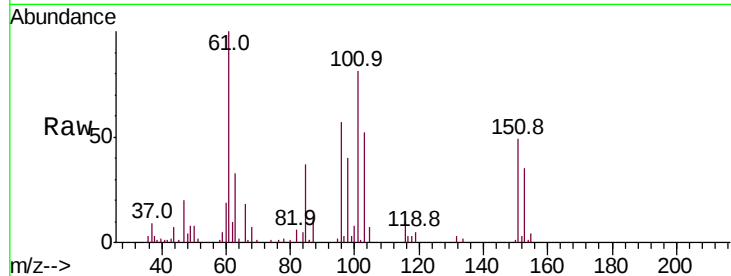
Tot Ion:101 Resp: 42693

Ion Ratio Lower Upper

101 100

85 44.5 37.8 56.8

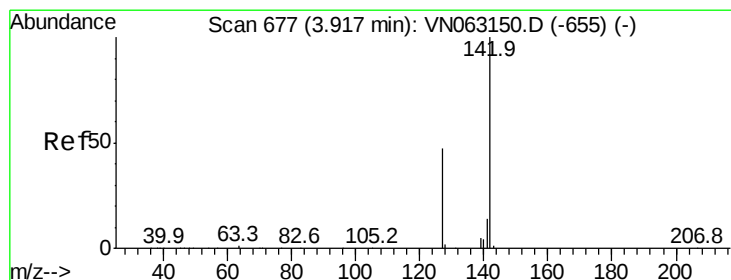
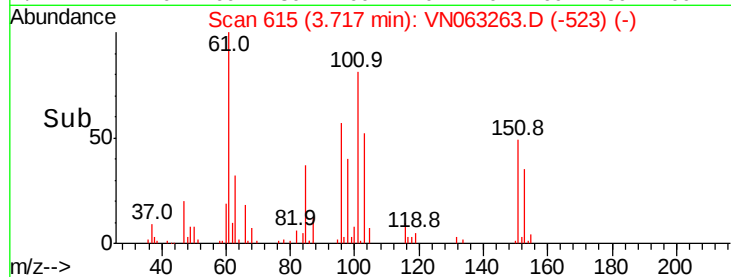
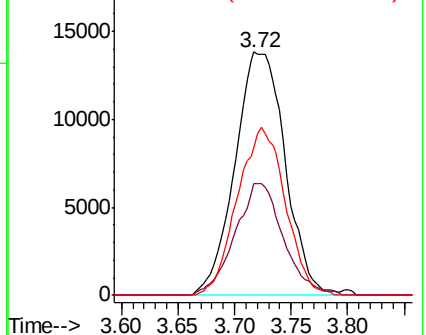
151 65.9 55.0 82.4



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: 18.477 ug/l

RT: 3.91 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

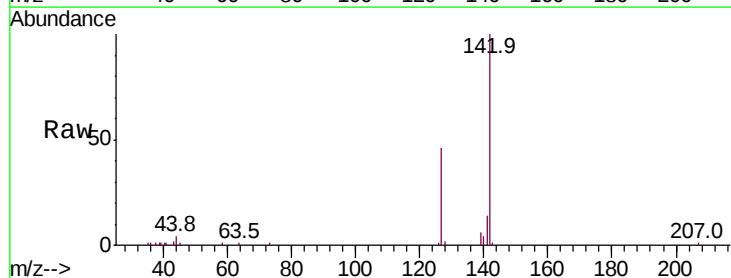
Tgt Ion:142 Resp: 67876

Ion Ratio Lower Upper

142 100

127 48.2 37.6 56.4

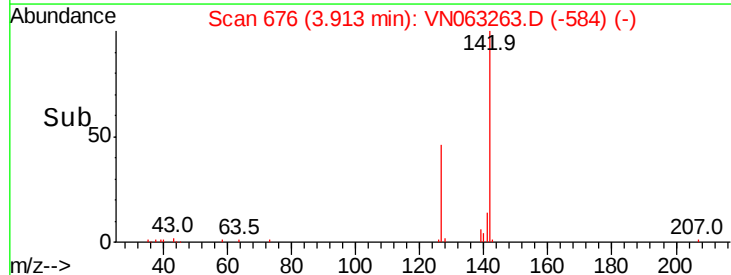
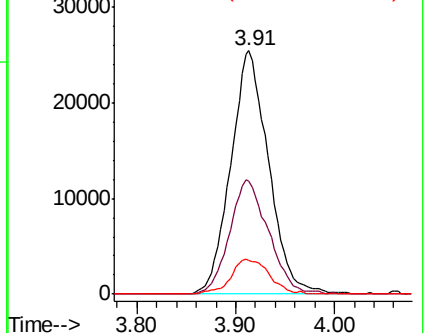
141 14.4 11.3 16.9

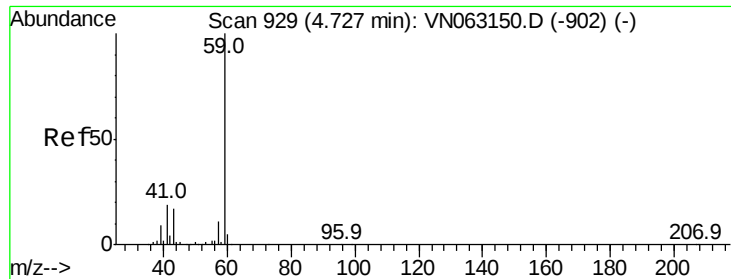


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



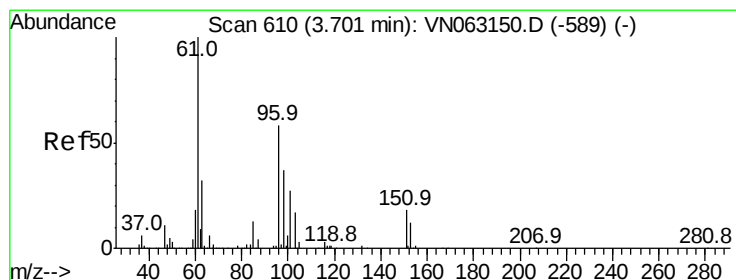
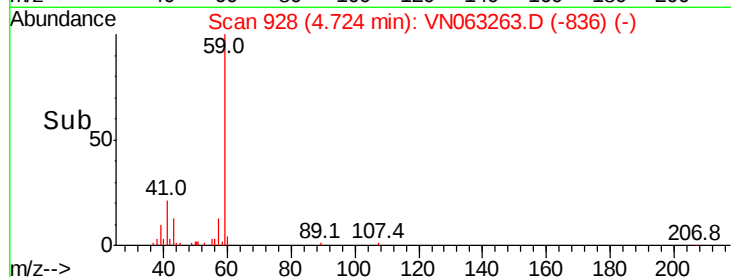
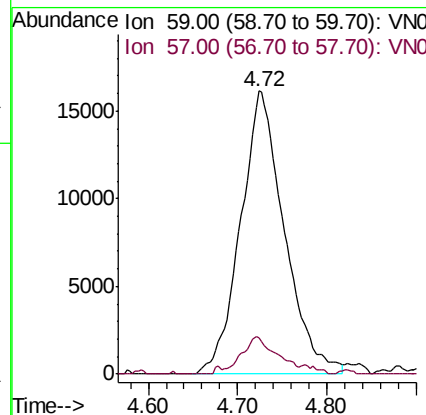
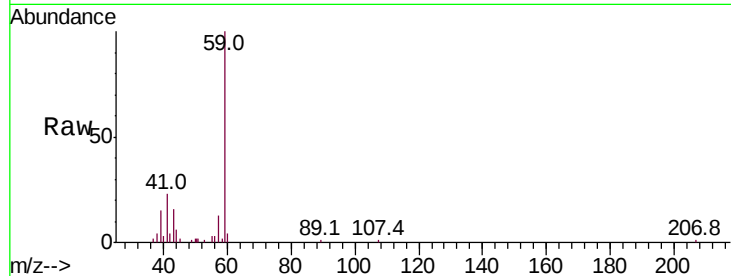


#11

Tert butyl alcohol
 Concen: 109.588 ug/l
 RT: 4.72 min Scan# 928
 Delta R.T. -0.00 min
 Lab File: VN063263.D
 Acq: 5 Sep 2020 2:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBS02

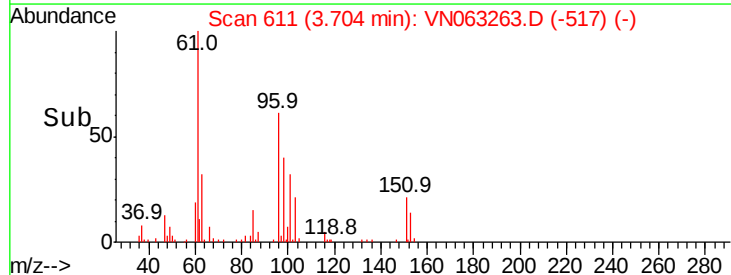
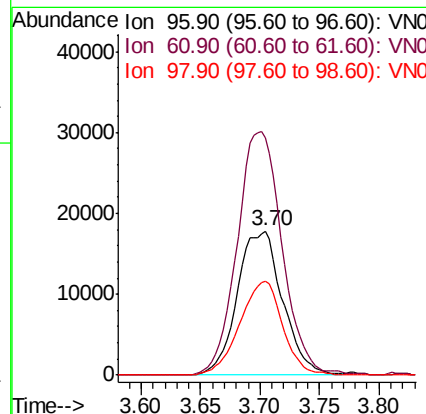
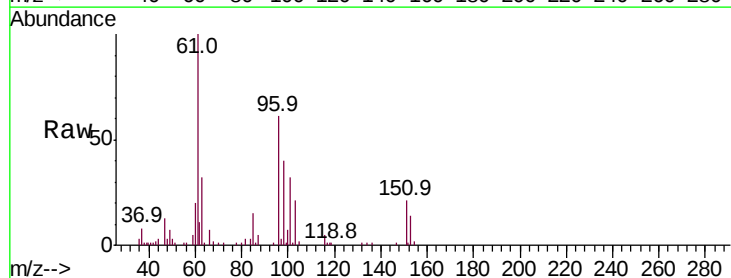
Tot Ion: 59 Resp: 55008
 Ion Ratio Lower Upper
 59 100
 57 7.8 8.4 12.6#

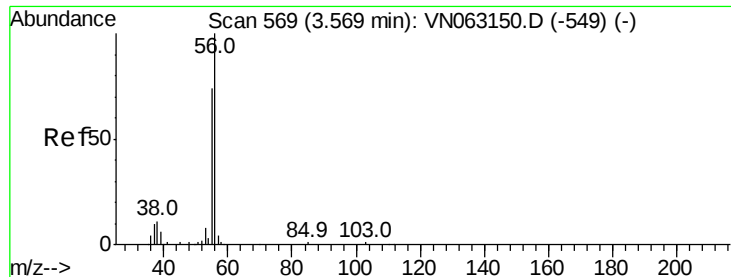


#12

1,1-Dichloroethene
 Concen: 17.138 ug/l
 RT: 3.70 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: VN063263.D
 Acq: 5 Sep 2020 2:48

Tgt Ion: 96 Resp: 47035
 Ion Ratio Lower Upper
 96 100
 61 164.8 137.4 206.2
 98 65.5 50.5 75.7





#13

Acrolein

Concen: 68.420 ug/l

RT: 3.57 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

Instrument :

MSVOA_N

ClientSampleId :

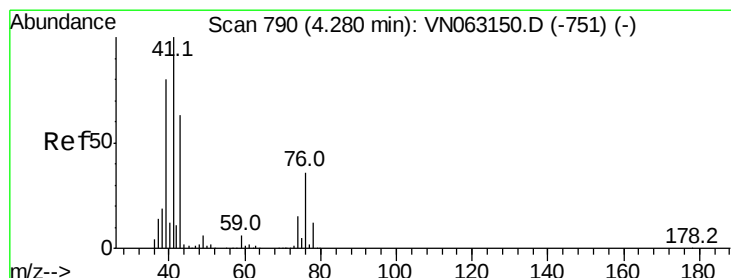
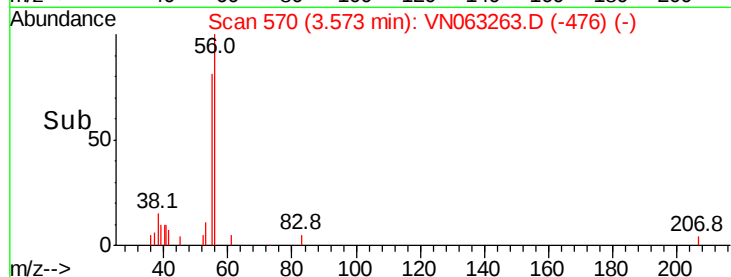
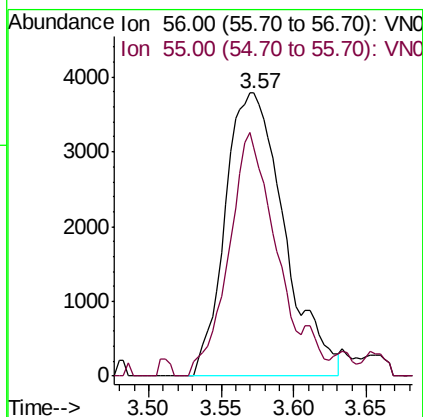
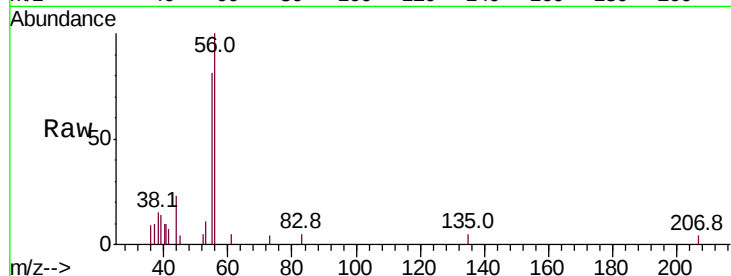
VN0904WBS02

Tot Ion: 56 Resp: 10739

Ion Ratio Lower Upper

56 100

55 66.5 55.4 83.0



#14

Allyl chloride

Concen: 16.863 ug/l

RT: 4.28 min Scan# 790

Delta R.T. -0.00 min

Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

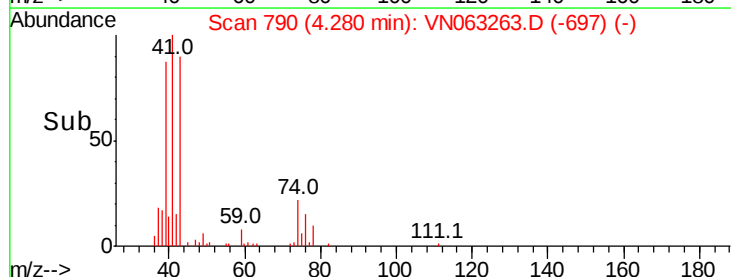
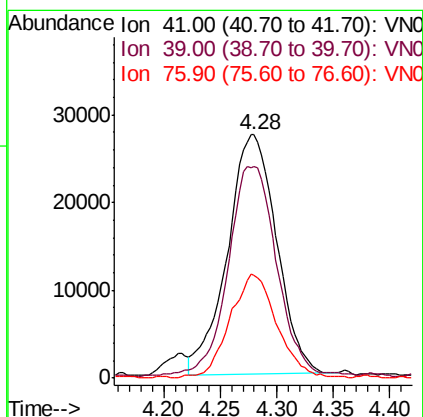
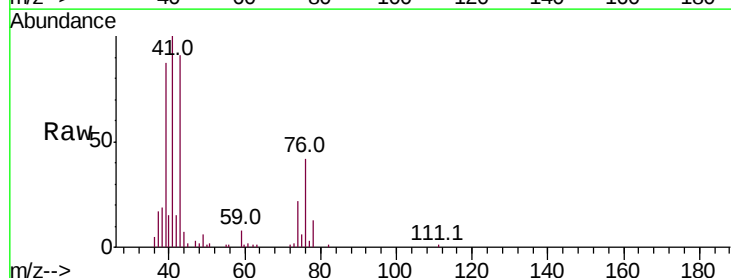
Tgt Ion: 41 Resp: 82197

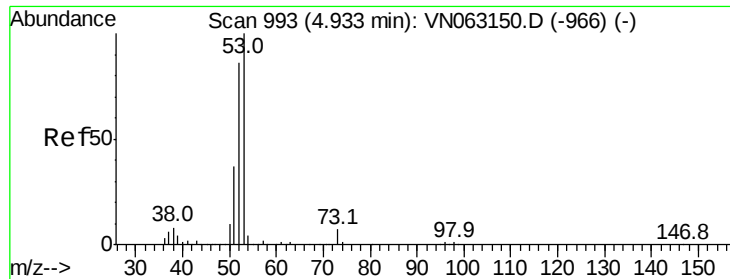
Ion Ratio Lower Upper

41 100

39 87.6 60.2 90.2

76 41.6 27.7 41.5#





#15

Acrylonitrile

Concen: 112.237 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBS02

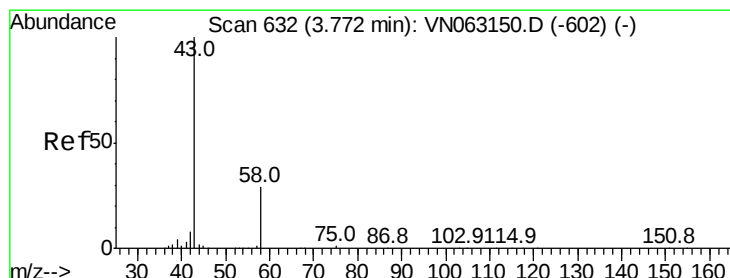
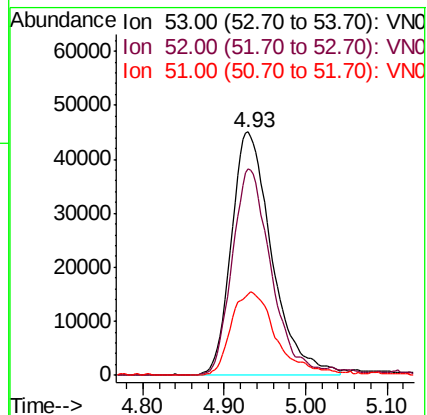
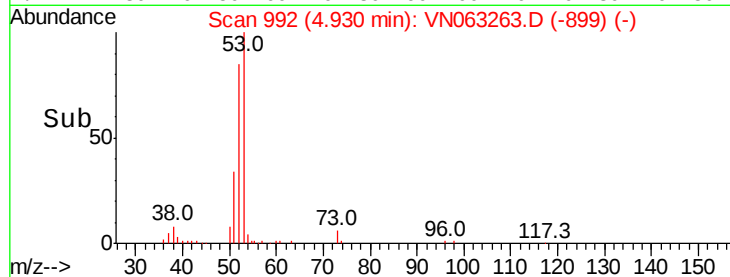
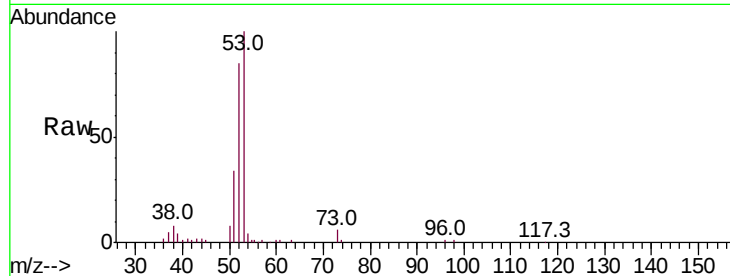
Tot Ion: 53 Resp: 155928

Ion Ratio Lower Upper

53 100

52 81.4 67.2 100.8

51 38.0 30.2 45.4



#16

Acetone

Concen: 115.142 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063263.D

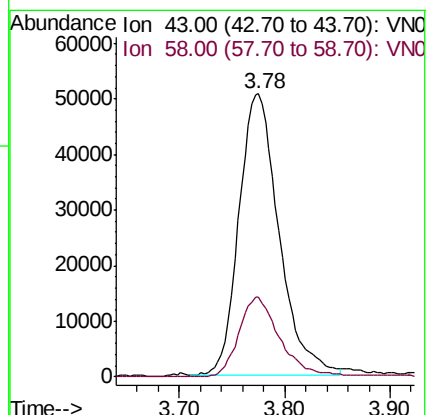
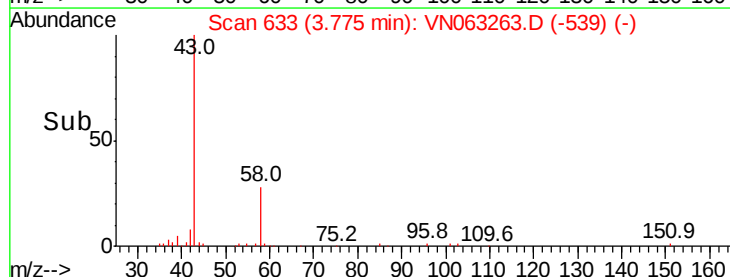
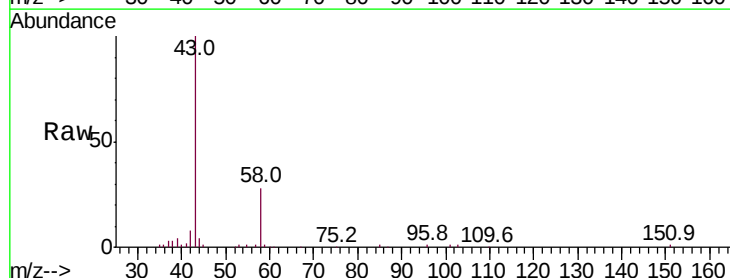
Acq: 5 Sep 2020 2:48

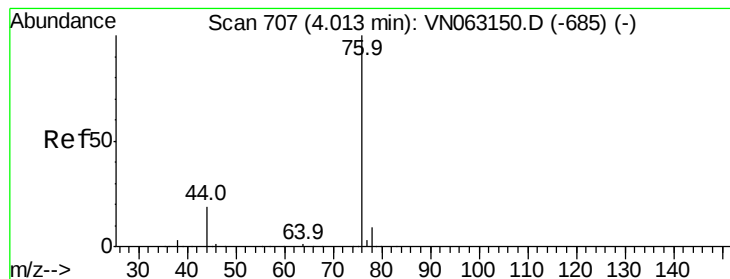
Tgt Ion: 43 Resp: 133847

Ion Ratio Lower Upper

43 100

58 28.4 23.1 34.7





#17

Carbon Disulfide

Concen: 15.244 ug/l

RT: 4.01 min Scan# 707

Delta R.T. -0.00 min

Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

Instrument :

MSVOA_N

ClientSampleId :

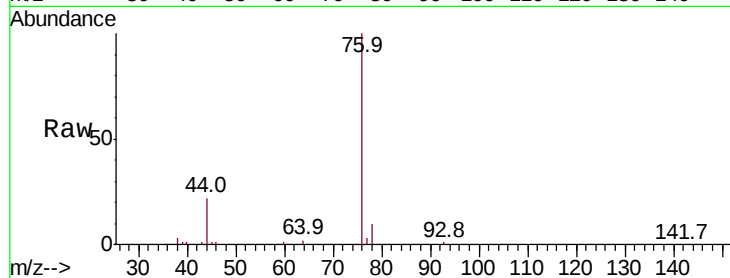
VN0904WBS02

Tot Ion: 76 Resp: 124532

Ion Ratio Lower Upper

76 100

78 9.6 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.01

50000

40000

30000

20000

10000

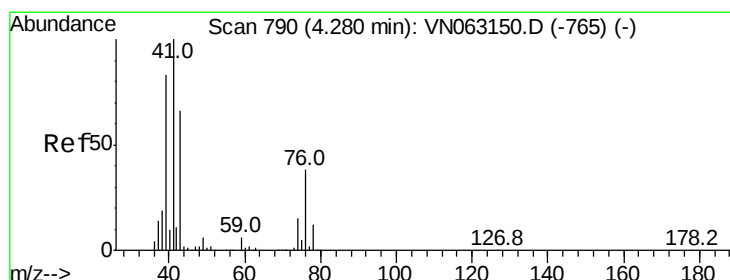
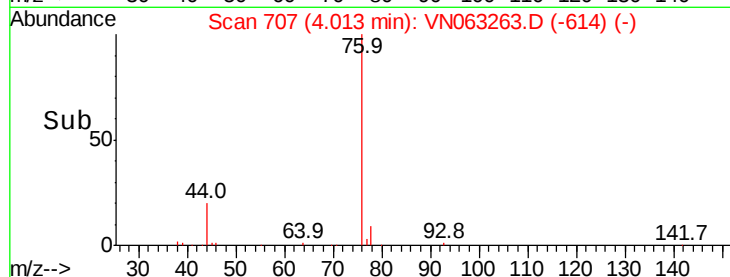
0

Time-->

3.90

4.00

4.10



#18

Methyl Acetate

Concen: 24.830 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063263.D

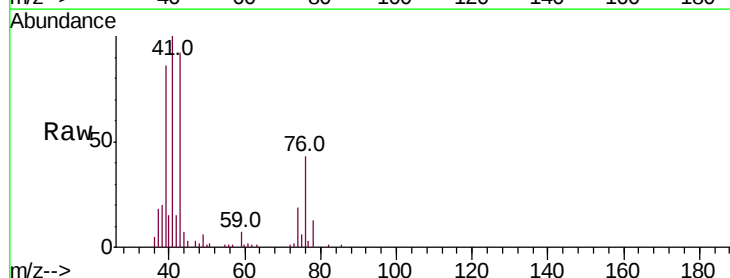
Acq: 5 Sep 2020 2:48

Tgt Ion: 43 Resp: 74008

Ion Ratio Lower Upper

43 100

74 23.4 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.28

30000

25000

20000

15000

10000

5000

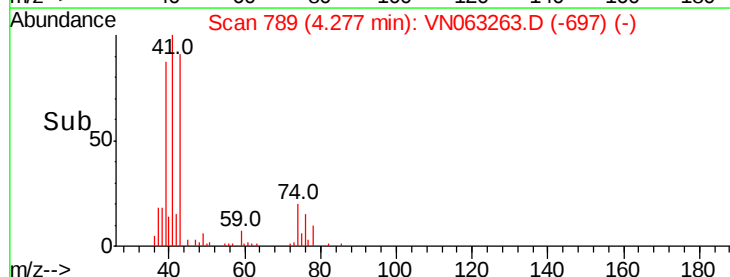
0

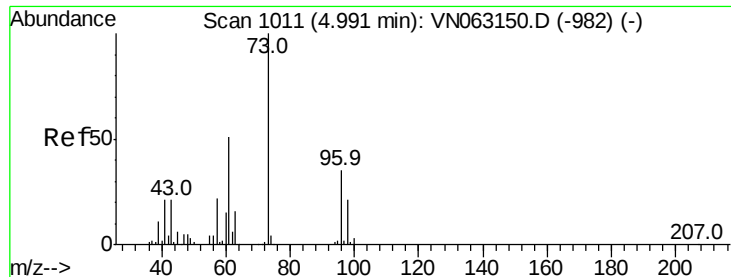
Time-->

4.20

4.30

4.40

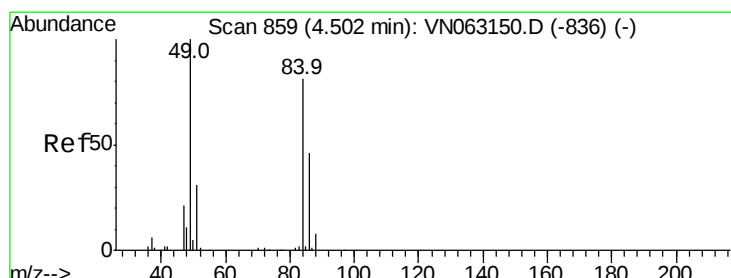
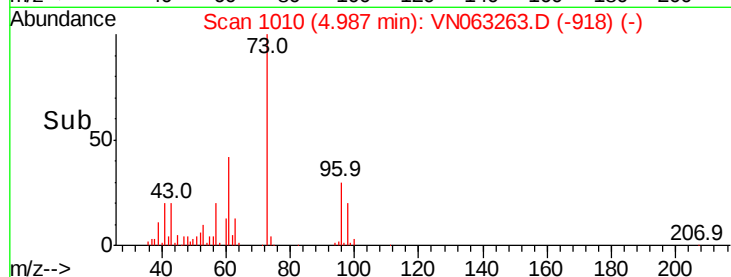
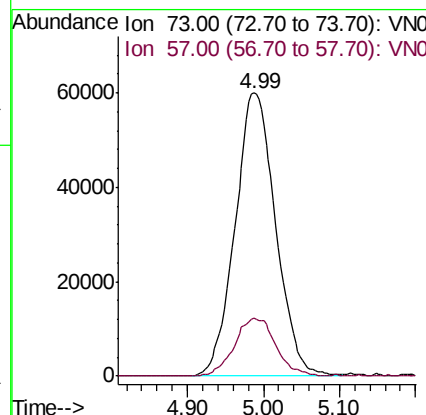
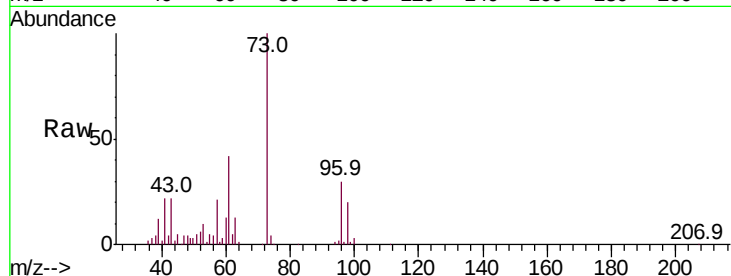




#19
Methyl tert-butyl Ether
Concen: 21.596 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063263.D
Acq: 5 Sep 2020 2:48

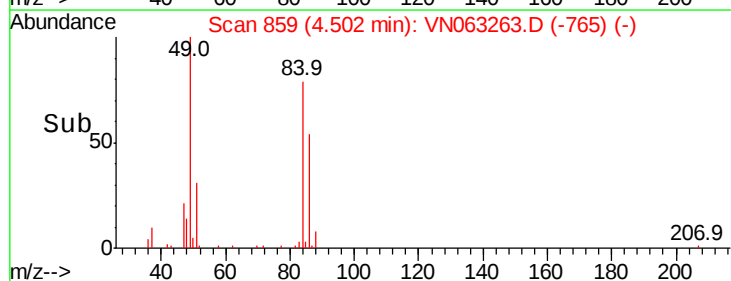
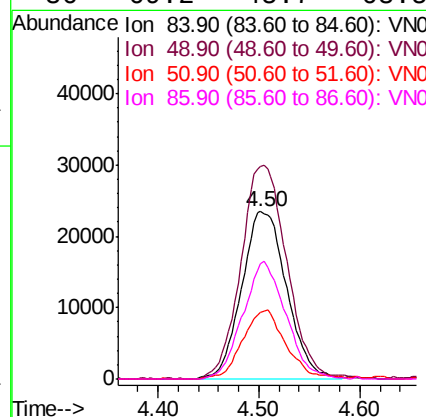
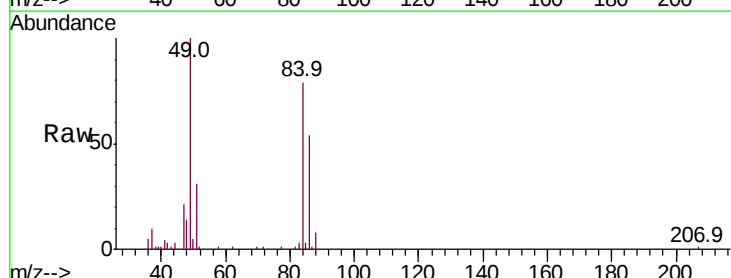
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS02

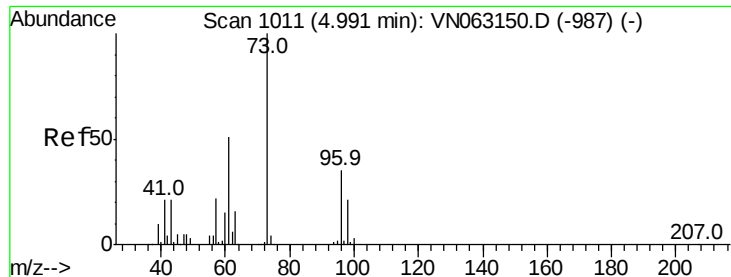
Tot Ion: 73 Resp: 219880
Ion Ratio Lower Upper
73 100
57 20.7 17.6 26.4



#20
Methylene Chloride
Concen: 21.928 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN063263.D
Acq: 5 Sep 2020 2:48

Tgt Ion: 84 Resp: 72578
Ion Ratio Lower Upper
84 100
49 127.3 98.4 147.6
51 39.8 30.4 45.6
86 69.2 45.7 68.5#

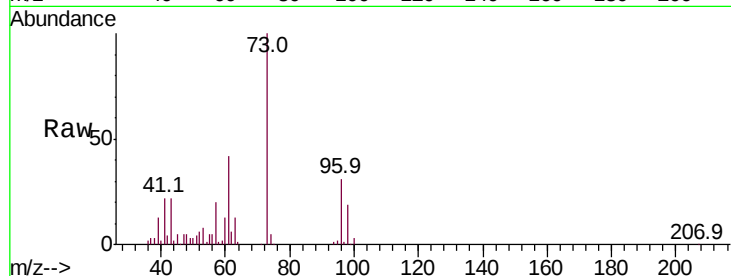




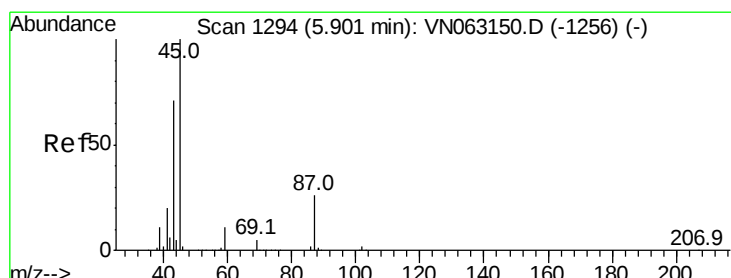
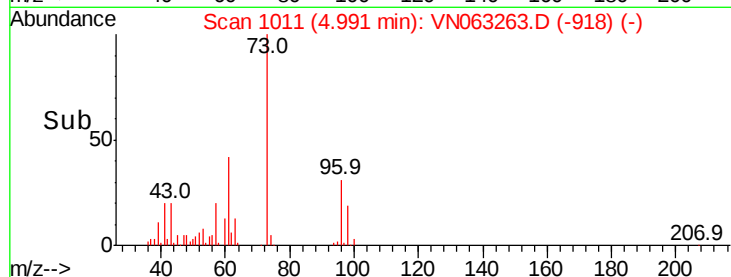
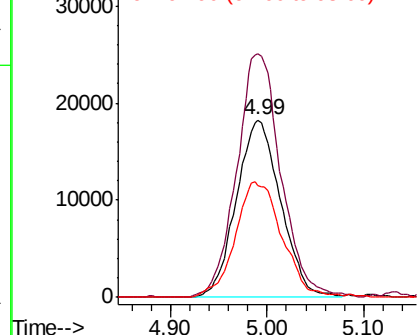
#21
trans-1,2-Dichloroethene
Concen: 19.152 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN063263.D
Acq: 5 Sep 2020 2:48

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS02

Tot Ion: 96 Resp: 58072
Ion Ratio Lower Upper
96 100
61 136.5 116.2 174.4
98 63.3 48.0 72.0

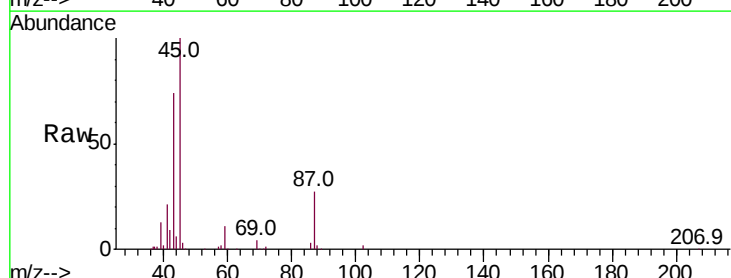


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

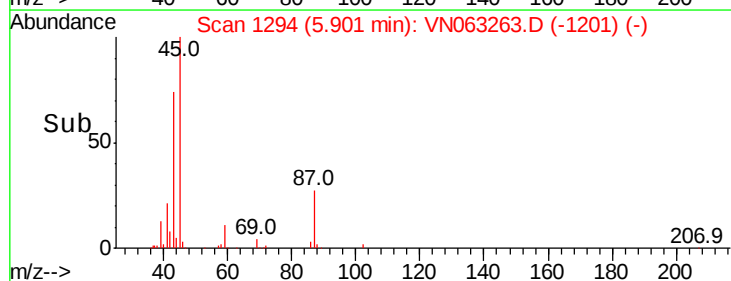
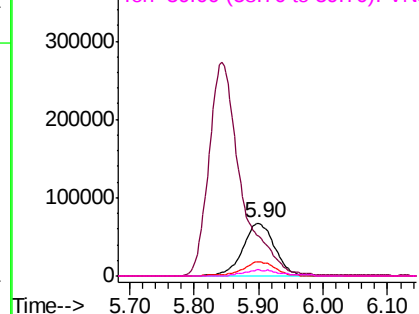


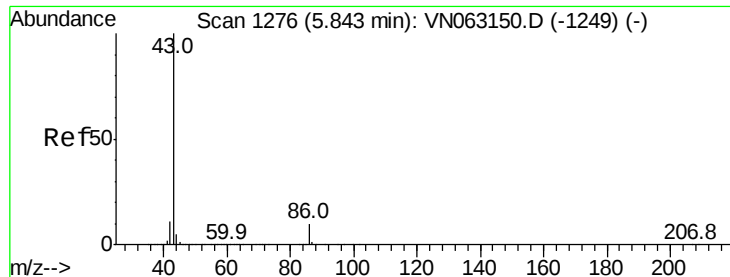
#22
Diisopropyl ether
Concen: 21.463 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN063263.D
Acq: 5 Sep 2020 2:48

Tgt Ion: 45 Resp: 234440
Ion Ratio Lower Upper
45 100
43 72.2 56.8 85.2
87 27.2 21.1 31.7
59 10.9 8.9 13.3



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





#23

Vinyl Acetate

Concen: 107.830 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

Instrument :

MSVOA_N

ClientSampleId :

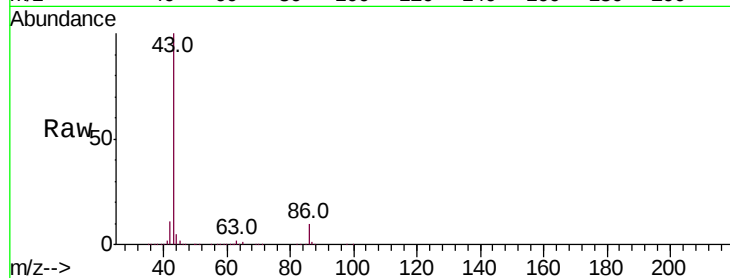
VN0904WBS02

Tot Ion: 43 Resp: 939805

Ion Ratio Lower Upper

43 100

86 10.0 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.84

300000

250000

200000

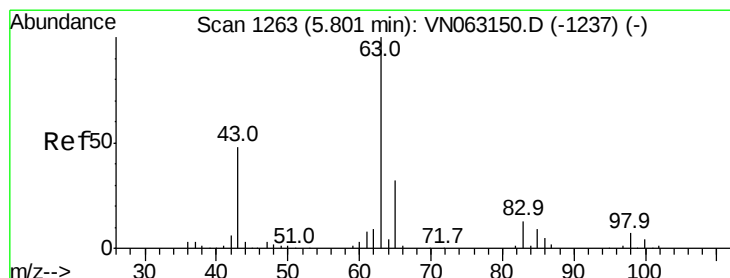
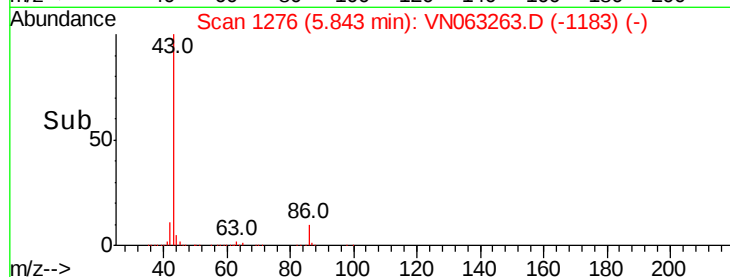
150000

100000

50000

0

Time--> 5.70 5.80 5.90 6.00



#24

1,1-Dichloroethane

Concen: 10.274 ug/l

RT: 5.79 min Scan# 1260

Delta R.T. -0.01 min

Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

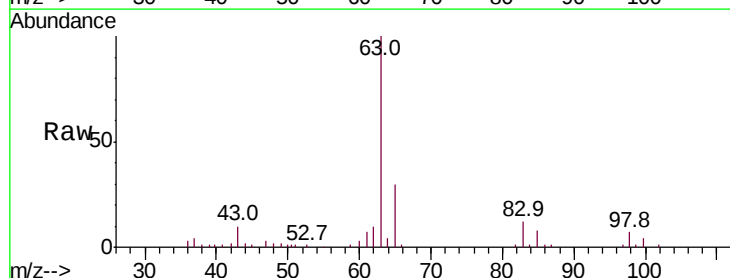
Tgt Ion: 63 Resp: 61866

Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.1

100 4.4 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

50000

40000

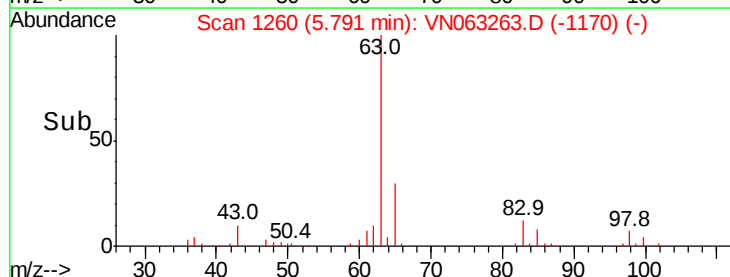
30000

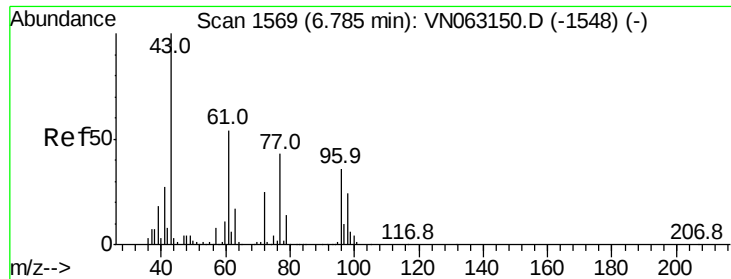
20000

10000

0

Time--> 5.70 5.75 5.80





#25

2-Butanone

Concen: 116.914 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

Instrument :

MSVOA_N

ClientSampleId :

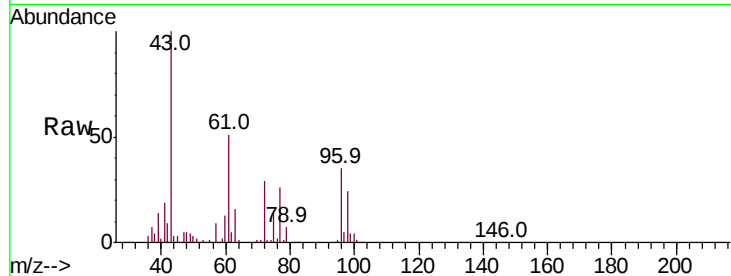
VN0904WBS02

Tot Ion: 43 Resp: 210439

Ion Ratio Lower Upper

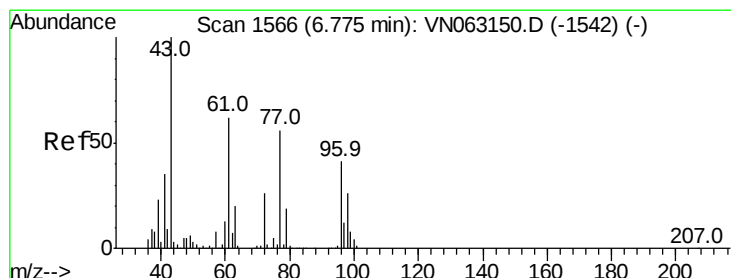
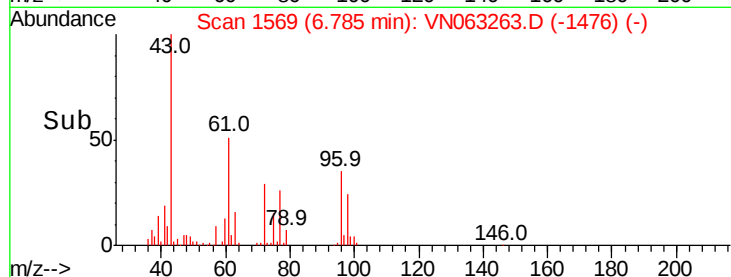
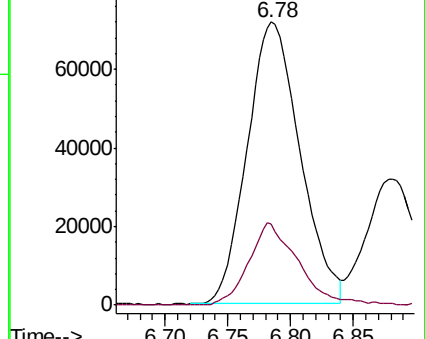
43 100

72 28.8 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 12.401 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN063263.D

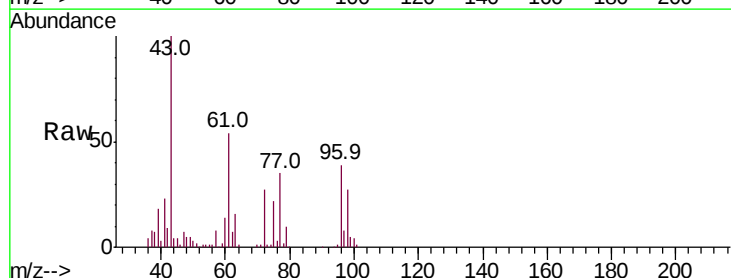
Acq: 5 Sep 2020 2:48

Tgt Ion: 77 Resp: 67655

Ion Ratio Lower Upper

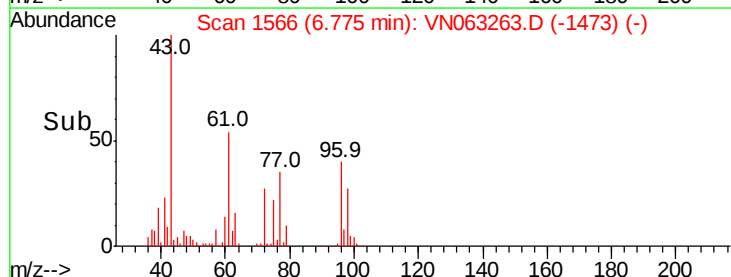
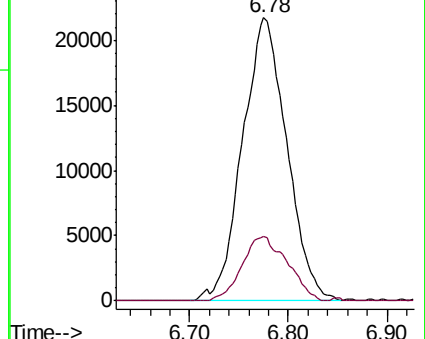
77 100

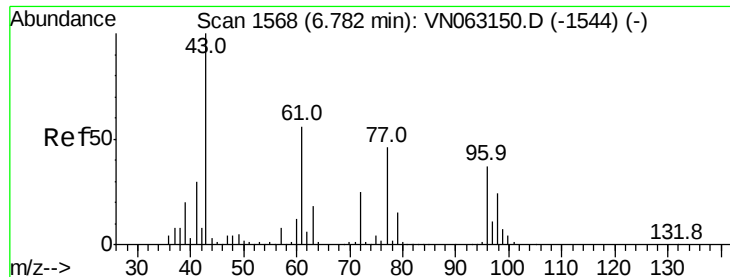
97 23.3 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 20.642 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBS02

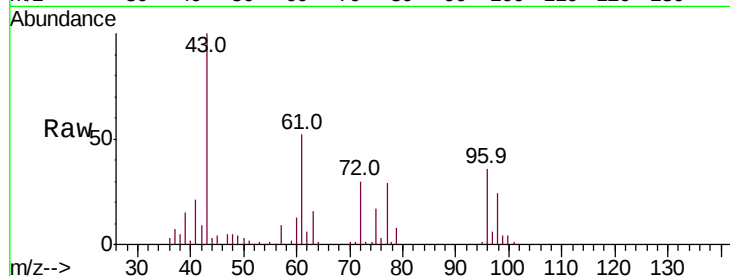
Tot Ion: 96 Resp: 76079

Ion Ratio Lower Upper

96 100

61 140.3 0.0 303.2

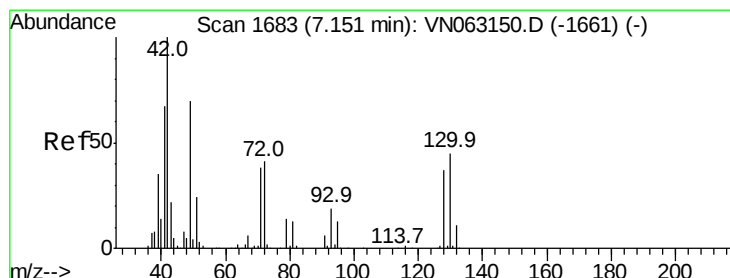
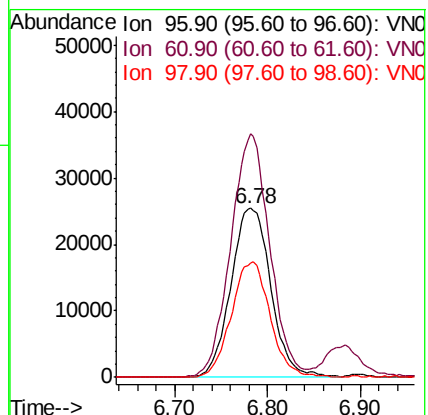
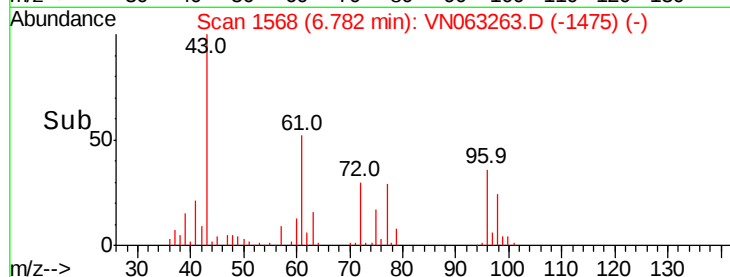
98 66.5 0.0 129.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 20.899 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

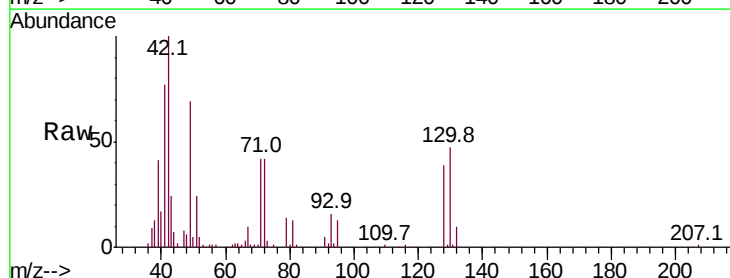
Tgt Ion: 49 Resp: 65747

Ion Ratio Lower Upper

49 100

129 1.2 0.0 4.0

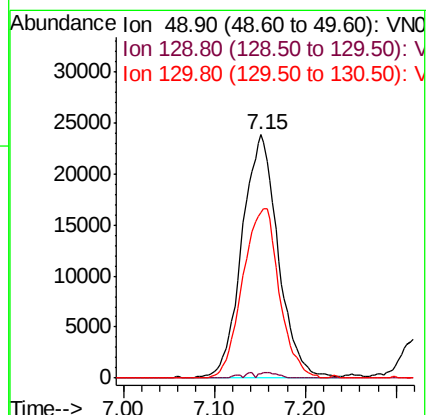
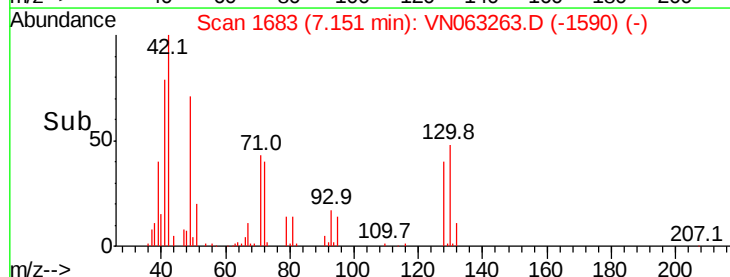
130 70.4 54.4 81.6

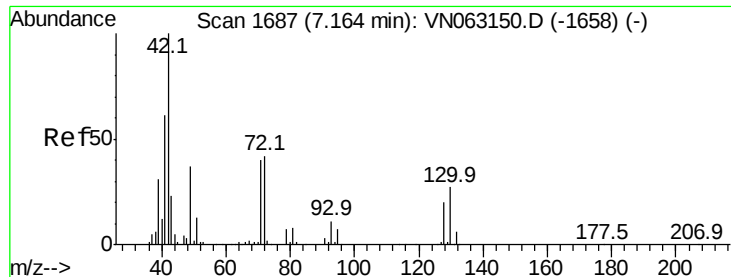


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 110.905 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBS02

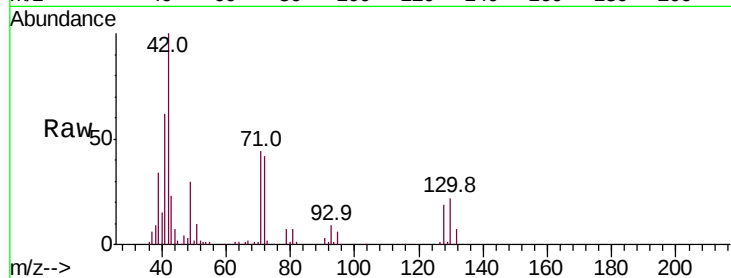
Tot Ion: 42 Resp: 138030

Ion Ratio Lower Upper

42 100

72 43.1 33.9 50.9

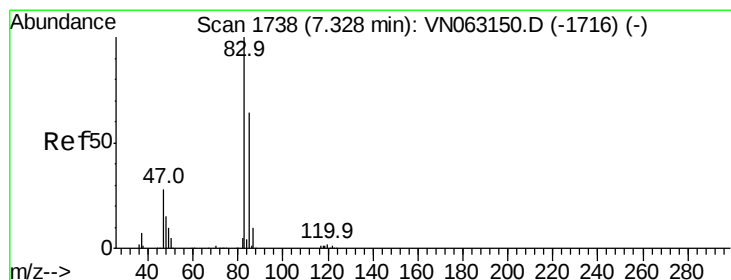
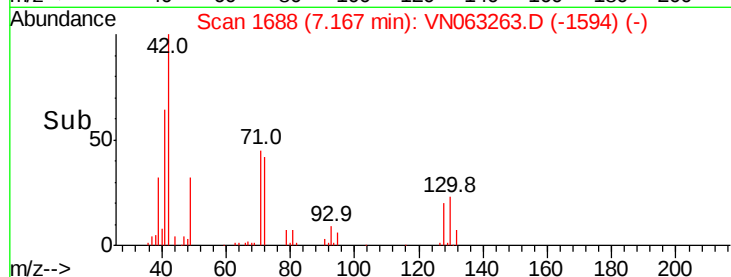
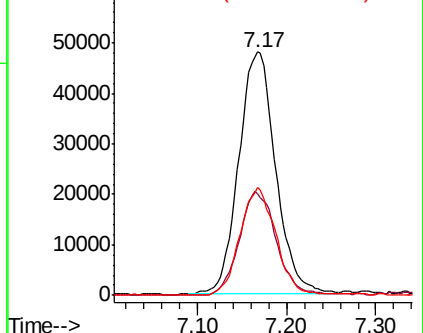
71 43.7 31.9 47.9



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 21.099 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VN063263.D

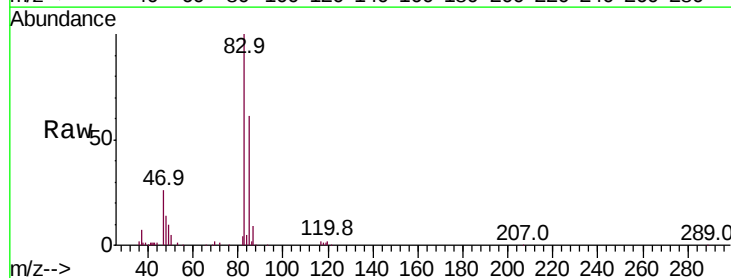
Acq: 5 Sep 2020 2:48

Tgt Ion: 83 Resp: 132924

Ion Ratio Lower Upper

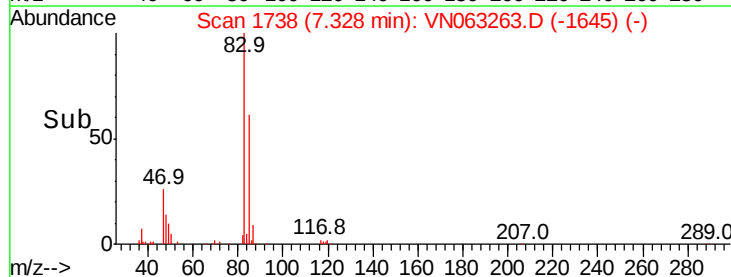
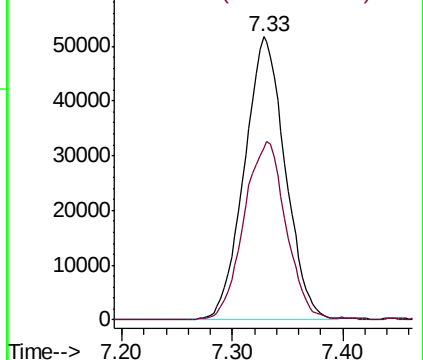
83 100

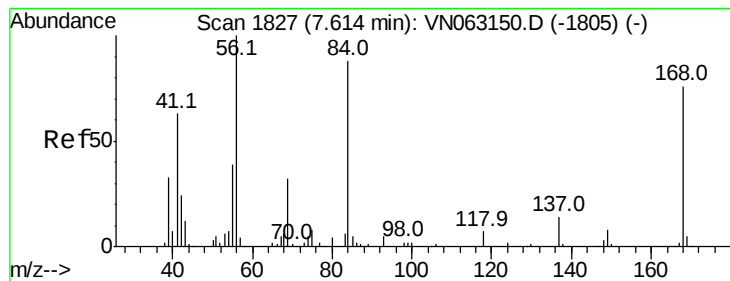
85 60.9 51.0 76.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 12.786 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBS02

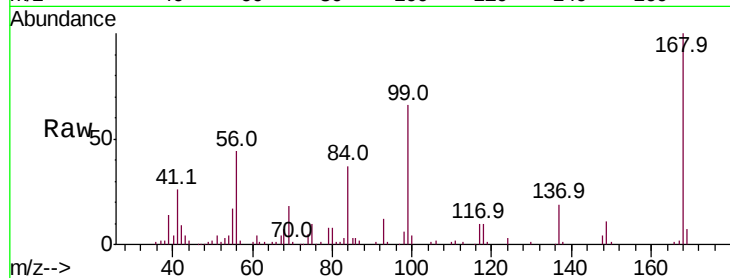
Tot Ion: 56 Resp: 74774

Ion Ratio Lower Upper

56 100

69 40.5 25.4 38.0#

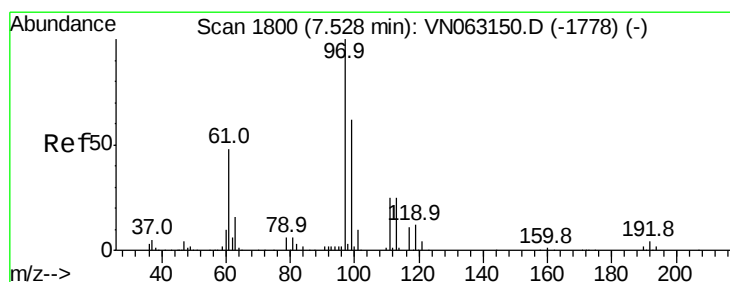
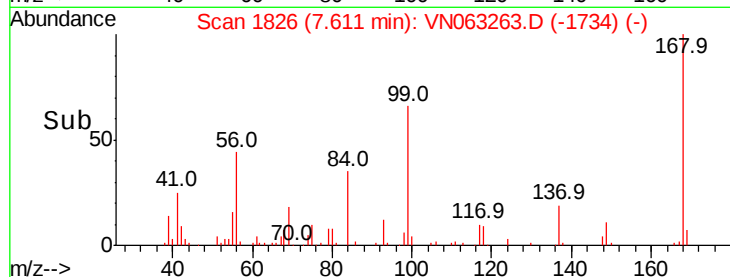
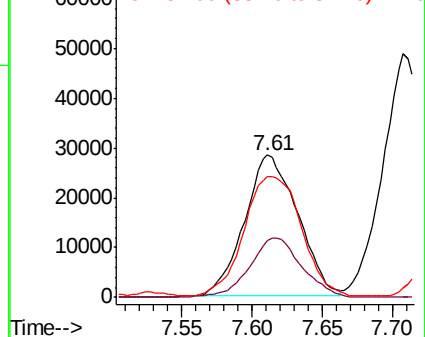
84 85.0 70.2 105.4



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: 18.262 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

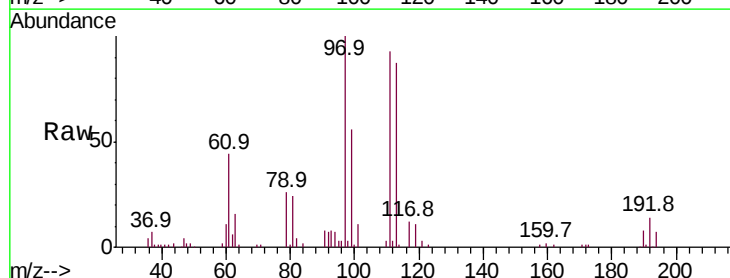
Tgt Ion: 97 Resp: 99141

Ion Ratio Lower Upper

97 100

99 60.8 50.8 76.2

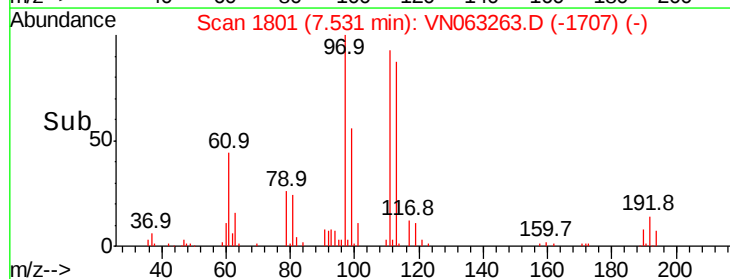
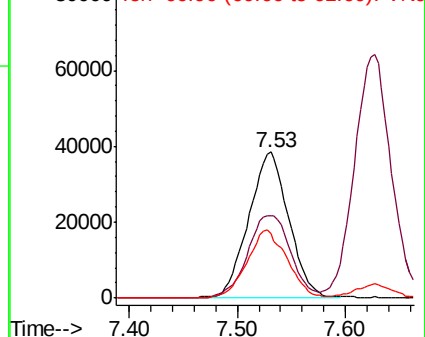
61 47.0 37.4 56.2

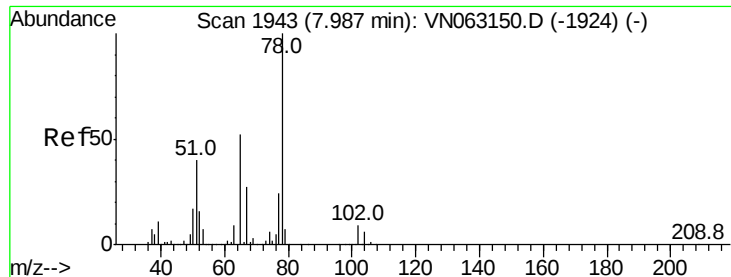


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 55.027 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

Instrument :

MSVOA_N

ClientSampleId :

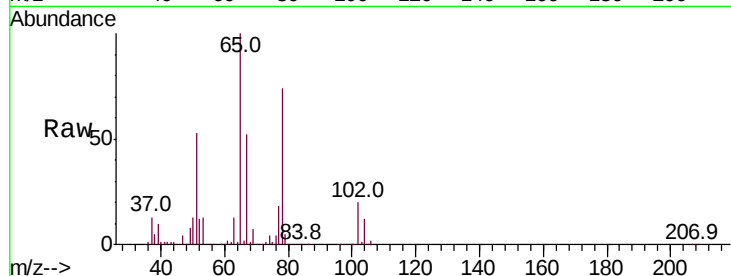
VN0904WBS02

Tot Ion: 65 Resp: 225019

Ion Ratio Lower Upper

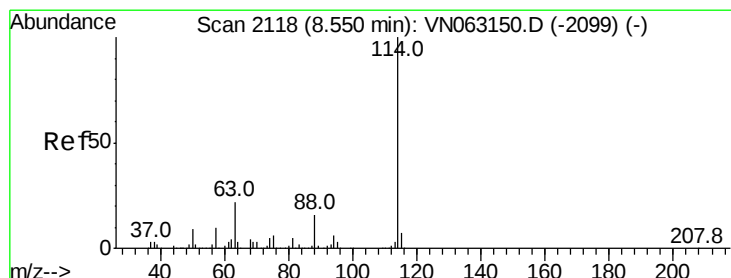
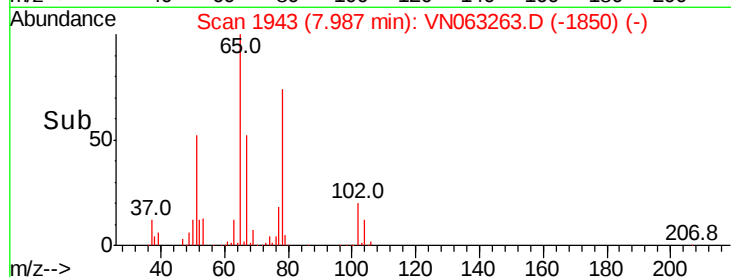
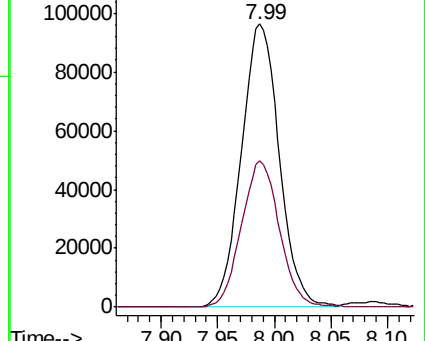
65 100

67 51.8 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

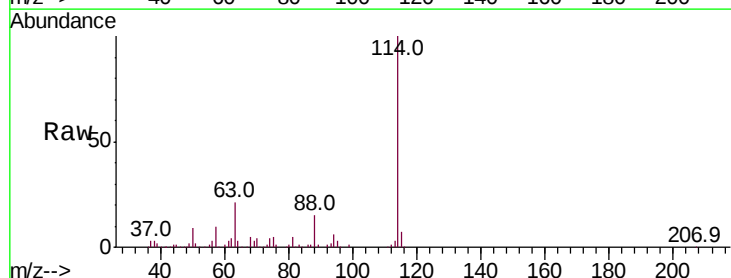
Tgt Ion: 114 Resp: 513062

Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.0

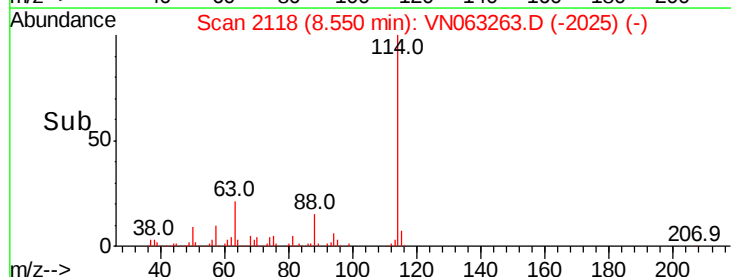
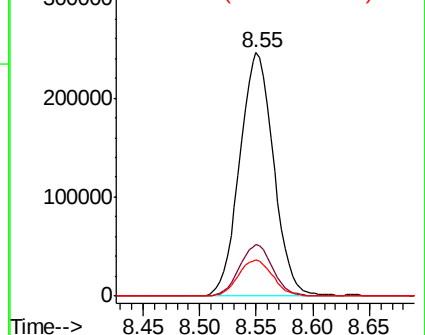
88 14.8 0.0 31.6

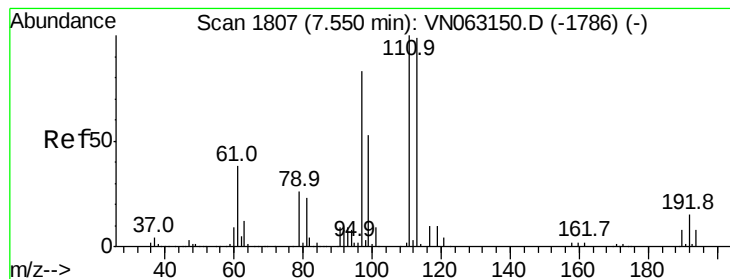


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0





#35

Dibromofluoromethane

Concen: 49.588 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBS02

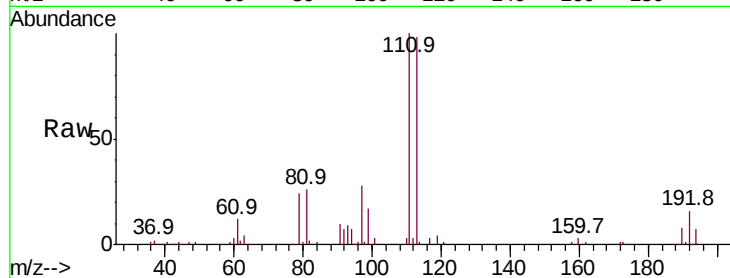
Tot Ion:113 Resp: 163223

Ion Ratio Lower Upper

113 100

111 104.5 80.7 121.1

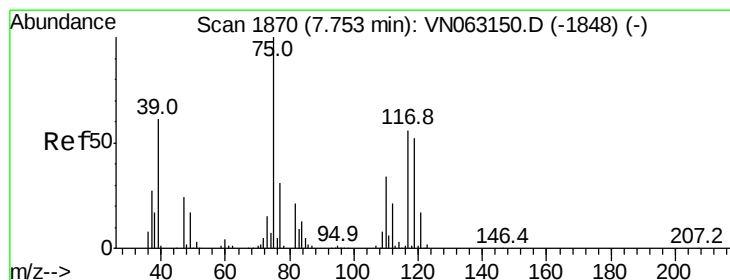
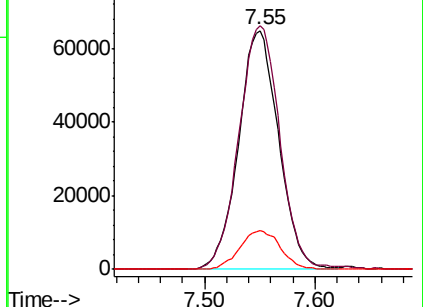
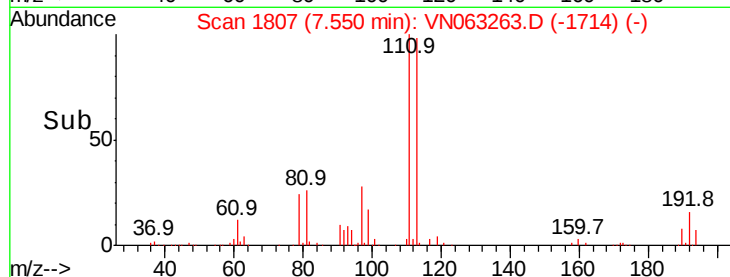
192 16.5 12.6 19.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 15.885 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. -0.00 min

Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

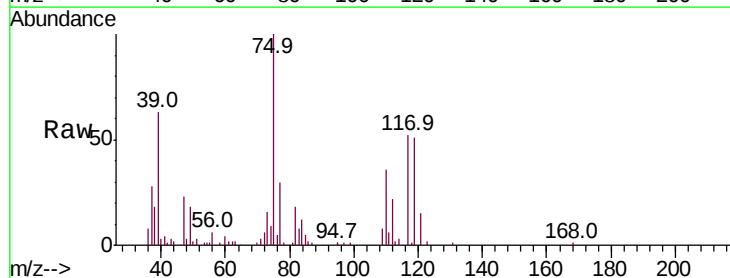
Tgt Ion: 75 Resp: 78352

Ion Ratio Lower Upper

75 100

110 33.5 16.6 49.8

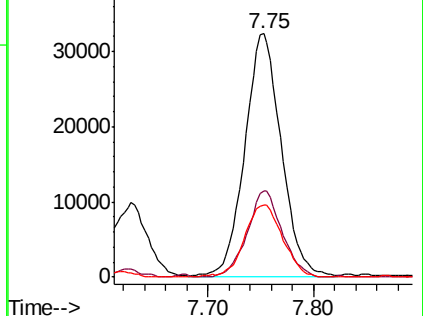
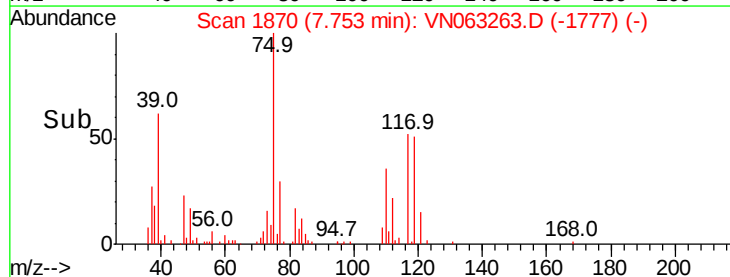
77 30.7 25.4 38.2

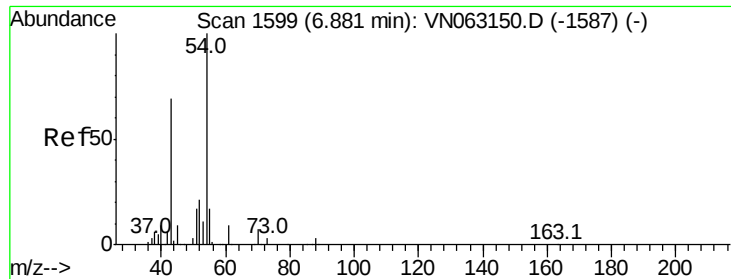


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

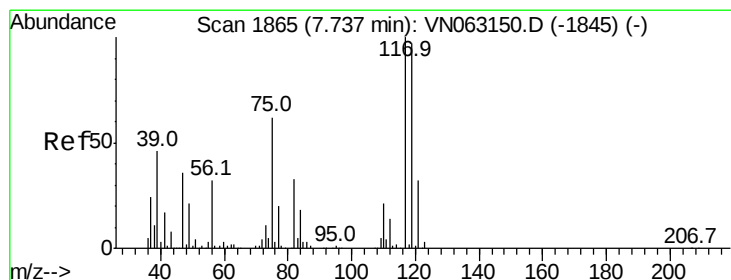
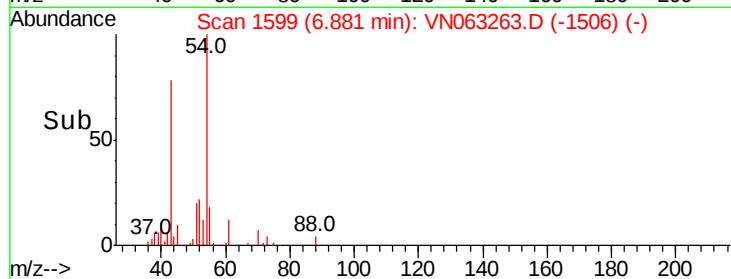
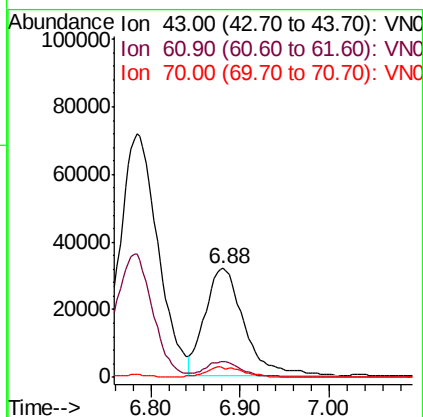
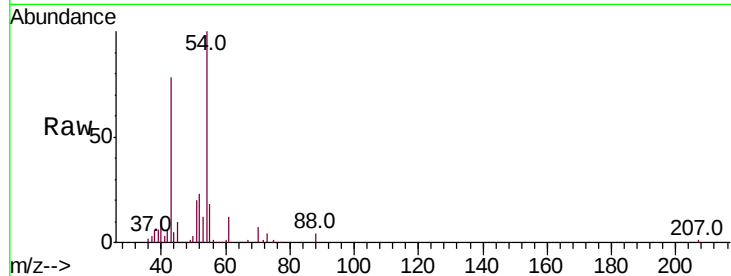




#37
Ethyl Acetate
Concen: 21.338 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063263.D
Acq: 5 Sep 2020 2:48

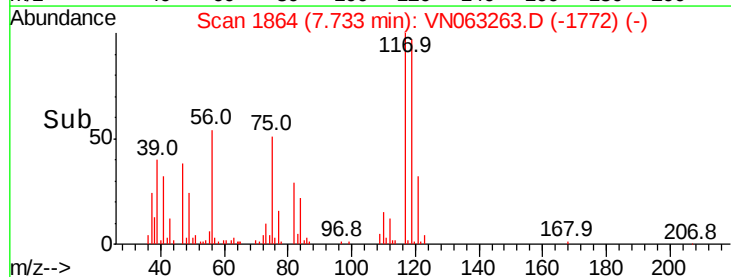
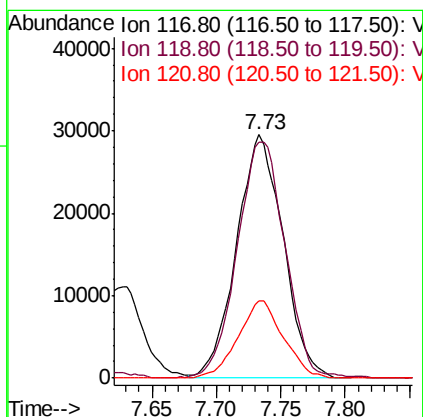
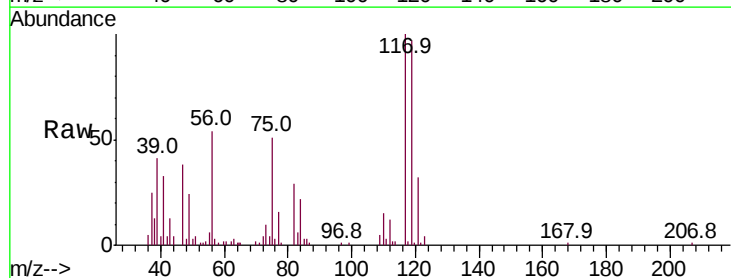
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS02

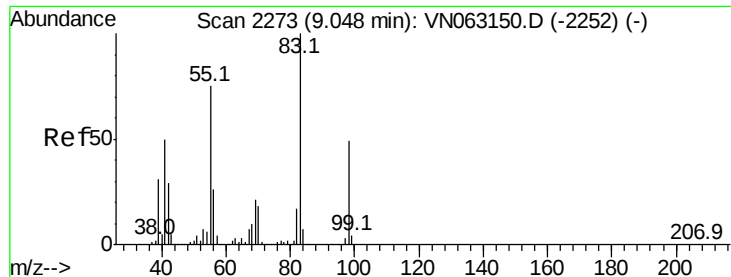
Tot Ion: 43 Resp: 98356
Ion Ratio Lower Upper
43 100
61 12.6 10.2 15.4
70 4.8 3.0 4.6#



#38
Carbon Tetrachloride
Concen: 14.846 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063263.D
Acq: 5 Sep 2020 2:48

Tgt Ion: 117 Resp: 74261
Ion Ratio Lower Upper
117 100
119 96.4 77.2 115.8
121 31.9 25.6 38.4

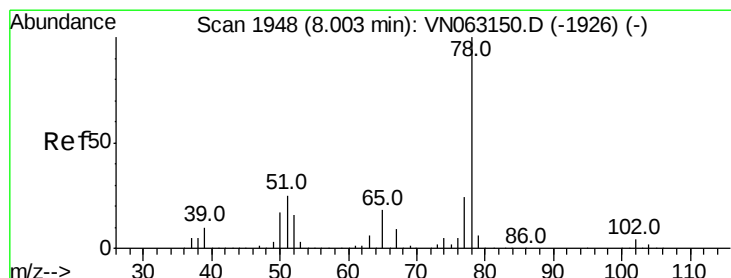
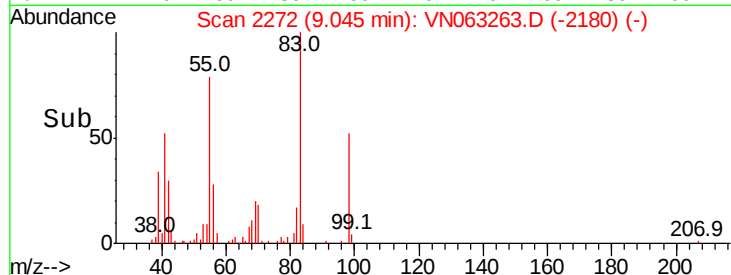
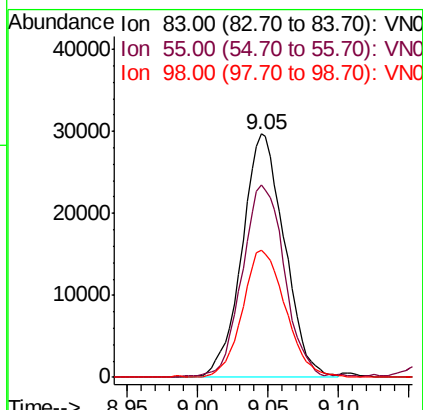
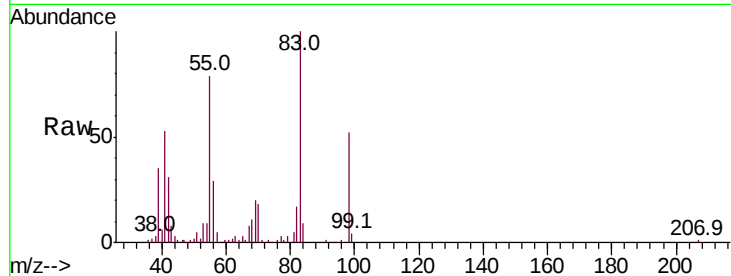




#39
Methvlcvclohexane
Concen: 11.259 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063263.D
Acq: 5 Sep 2020 2:48

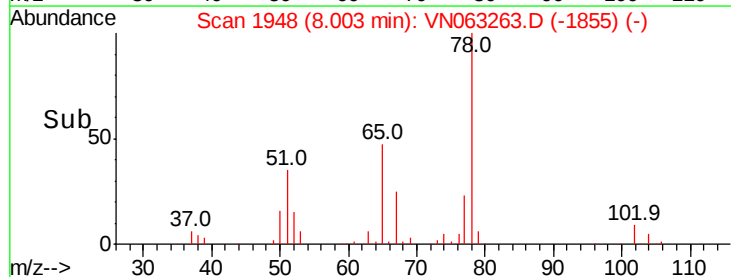
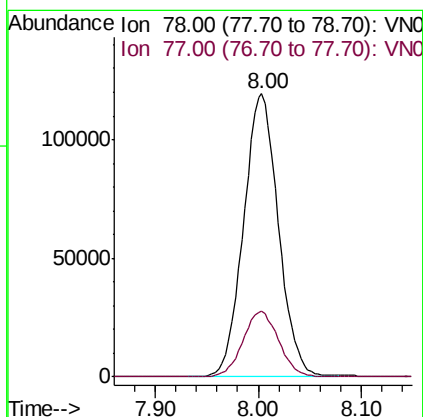
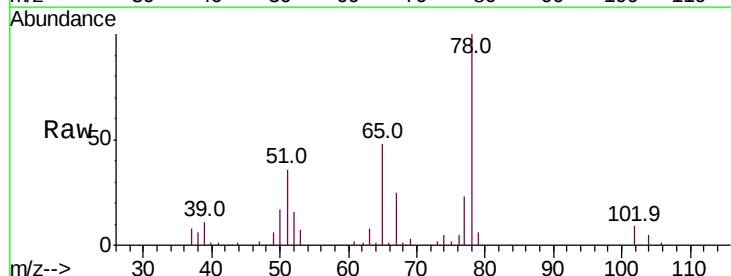
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS02

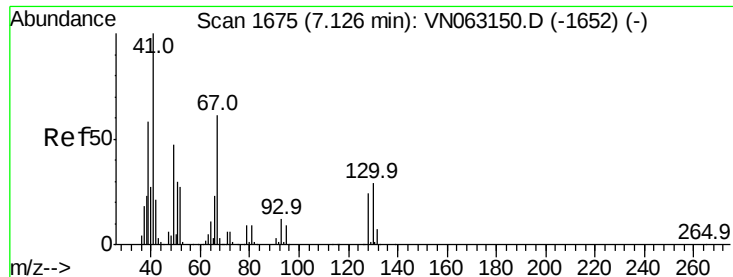
Tot Ion	83	Resp	62388
Ion Ratio	100	Lower	Upper
55	78.5	60.3	90.5
98	52.0	38.9	58.3



#40
Benzene
Concen: 19.295 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN063263.D
Acq: 5 Sep 2020 2:48

Tgt Ion	78	Resp	279662
Ion Ratio	100	Lower	Upper
77	23.0	19.3	28.9

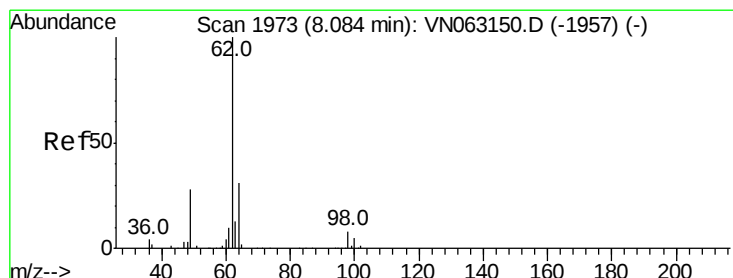
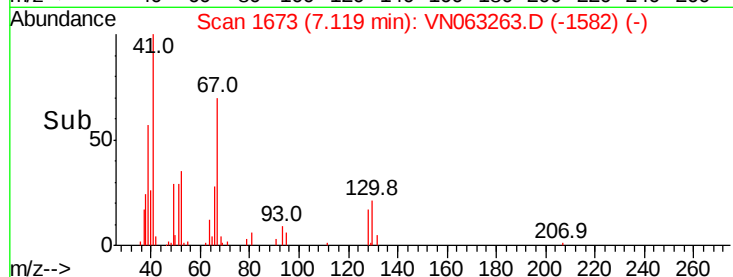
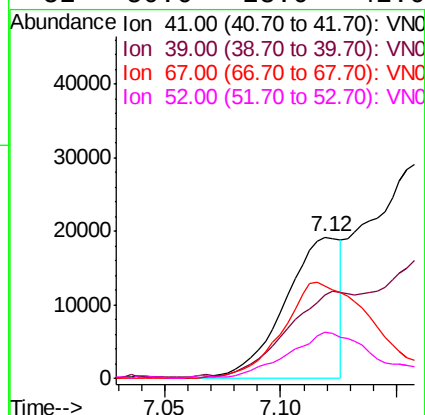
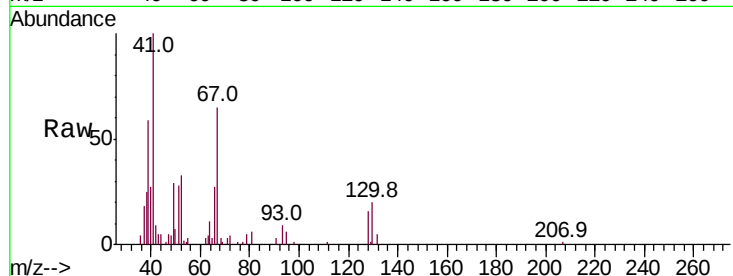




#41
Methacrylonitrile
Concen: 15.354 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.01 min
Lab File: VN063263.D
Acq: 5 Sep 2020 2:48

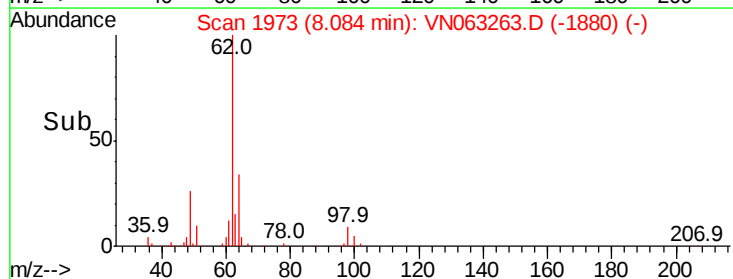
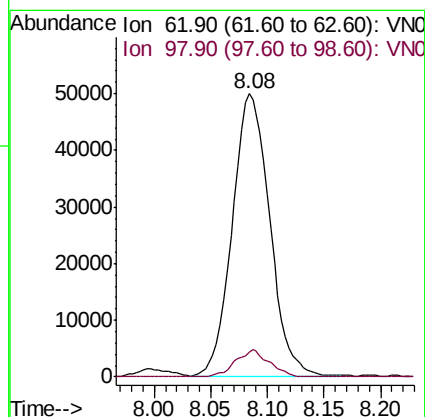
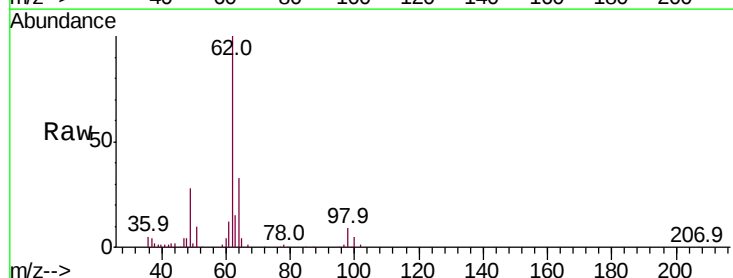
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS02

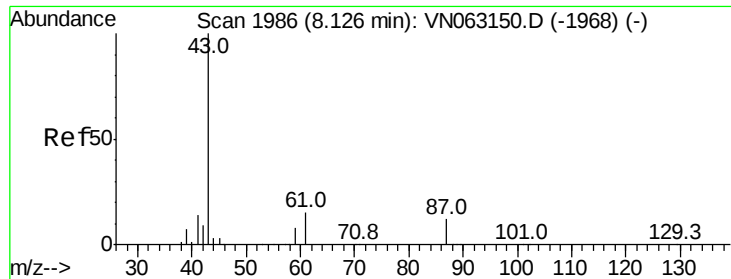
Tot Ion	Ratio	Lower	Upper
41	100		
39	71.6	46.6	70.0#
67	114.0	62.6	94.0#
52	50.6	28.0	42.0#



#42
1,2-Dichloroethane
Concen: 21.182 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063263.D
Acq: 5 Sep 2020 2:48

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.2





#43

Isopropyl Acetate

Concen: 20.048 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBS02

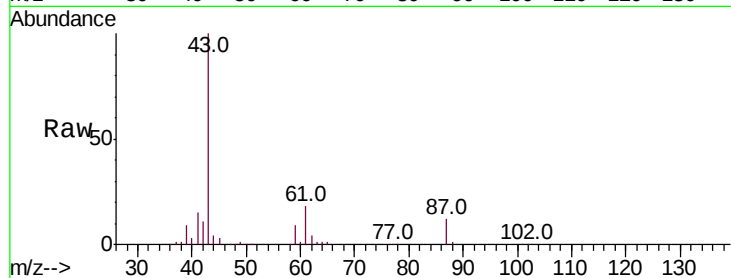
Tot Ion: 43 Resp: 161260

Ion Ratio Lower Upper

43 100

61 26.5 20.2 30.4

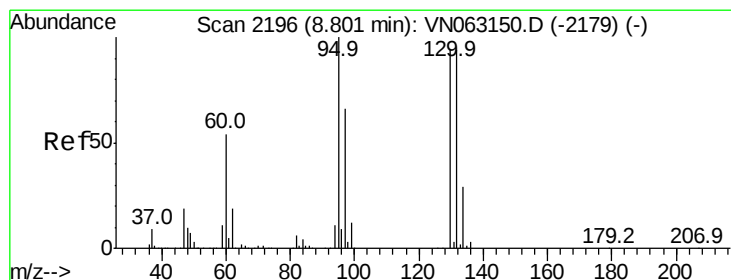
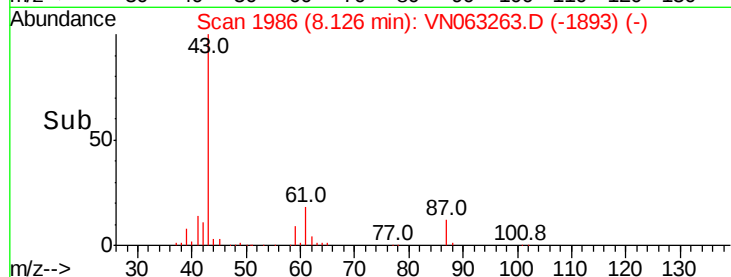
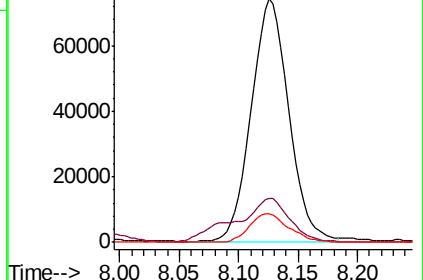
87 12.6 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN063150.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN063150.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN063150.D (-1968) (-)



#44

Trichloroethene

Concen: 19.252 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063263.D

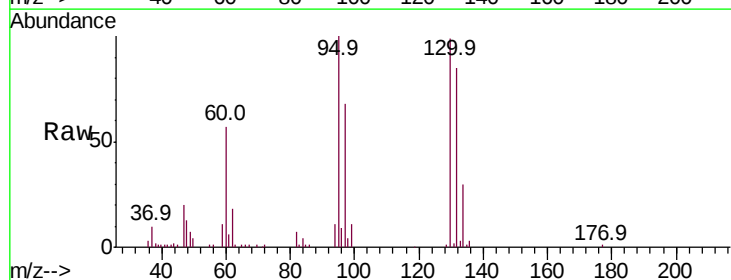
Acq: 5 Sep 2020 2:48

Tgt Ion:130 Resp: 67685

Ion Ratio Lower Upper

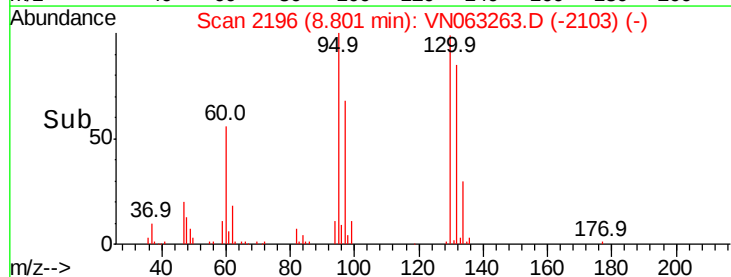
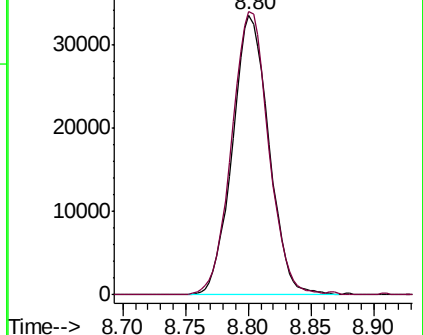
130 100

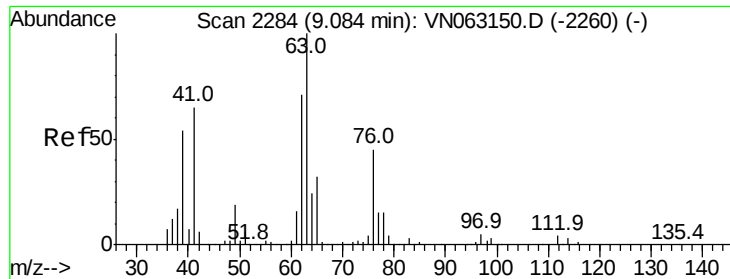
95 101.1 0.0 212.0



Abundance Ion 129.80 (129.50 to 130.50): VN063150.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN063150.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 19.246 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

Instrument :

MSVOA_N

ClientSampleId :

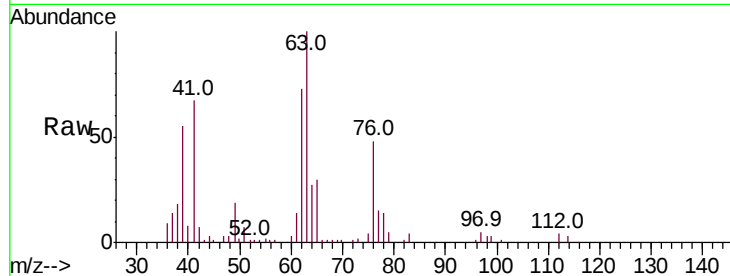
VN0904WBS02

Tot Ion: 63 Resp: 73859

Ion Ratio Lower Upper

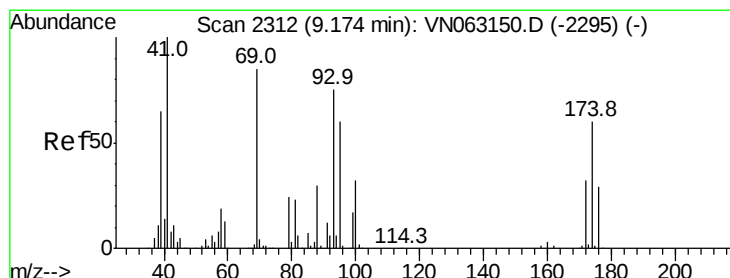
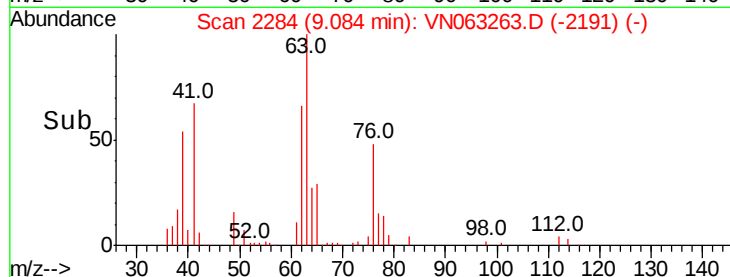
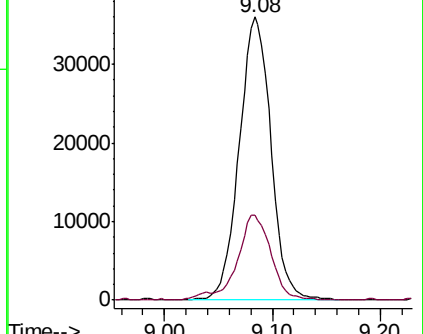
63 100

65 30.0 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 21.111 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

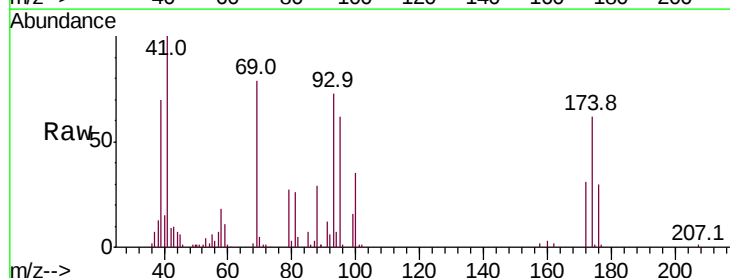
Tgt Ion: 93 Resp: 53688

Ion Ratio Lower Upper

93 100

95 82.7 65.2 97.8

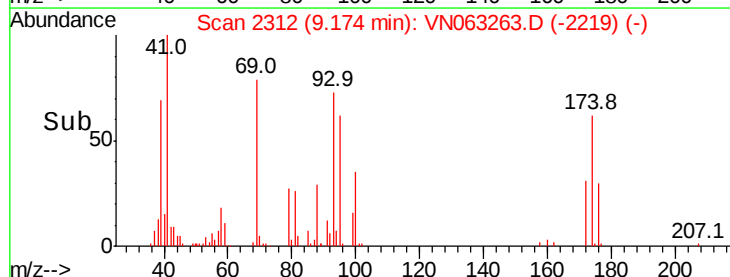
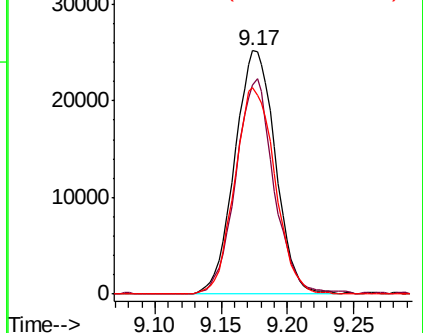
174 84.0 64.6 97.0

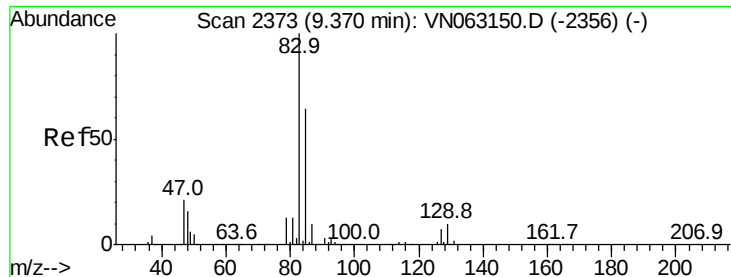


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.819 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBS02

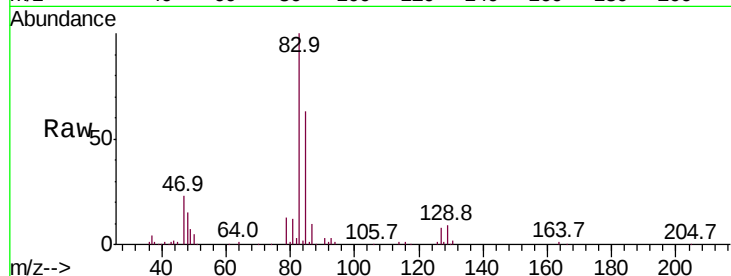
Tot Ion: 83 Resp: 108037

Ion Ratio Lower Upper

83 100

85 62.7 51.0 76.6

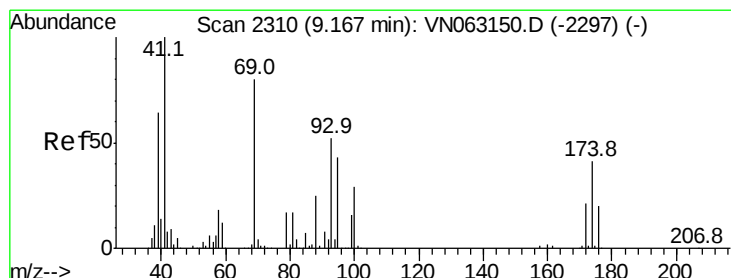
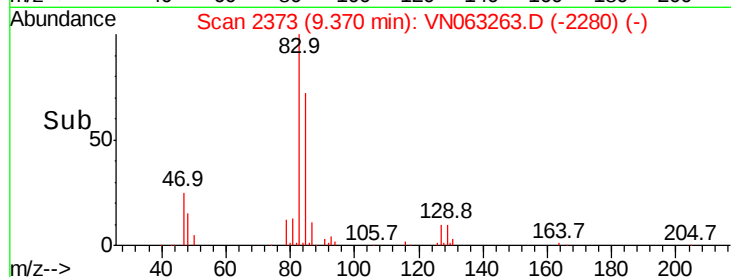
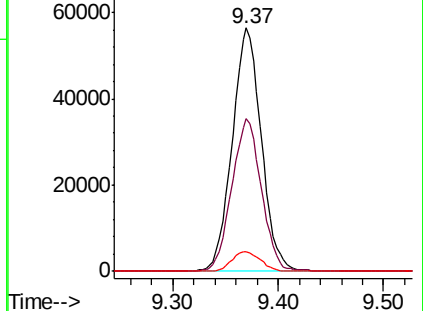
127 8.3 5.7 8.5



Abundance Ion 82.90 (82.60 to 83.60): VN063150.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN063150.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN063150.D (-2356) (-)



#48

Methyl methacrylate

Concen: 21.064 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

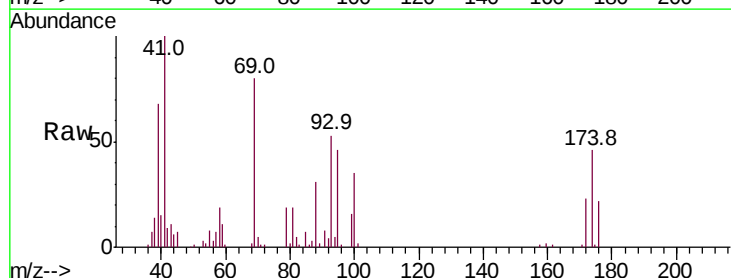
Tgt Ion: 41 Resp: 76382

Ion Ratio Lower Upper

41 100

69 82.5 65.9 98.9

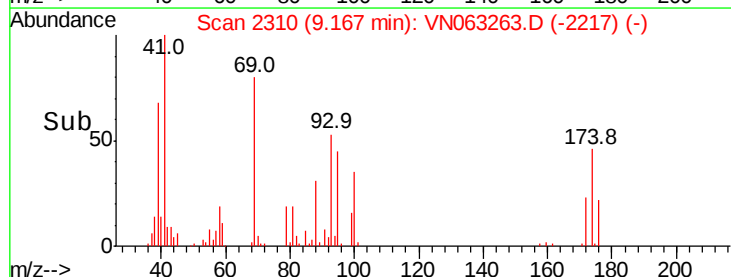
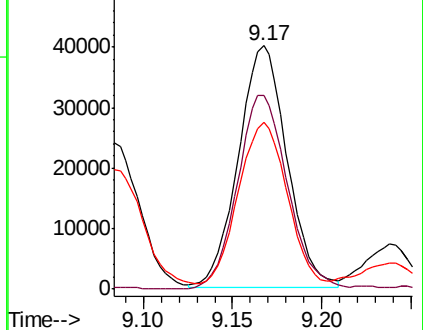
39 68.7 52.0 78.0

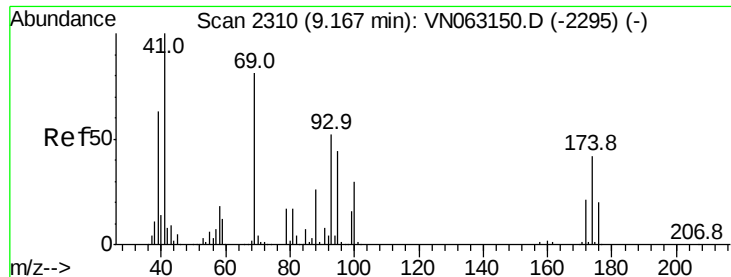


Abundance Ion 41.00 (40.70 to 41.70): VN063150.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN063150.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN063150.D (-2297) (-)





#49

1,4-Dioxane

Concen: 442.494 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

Instrument :

MSVOA_N

ClientSampled :

VN0904WBS02

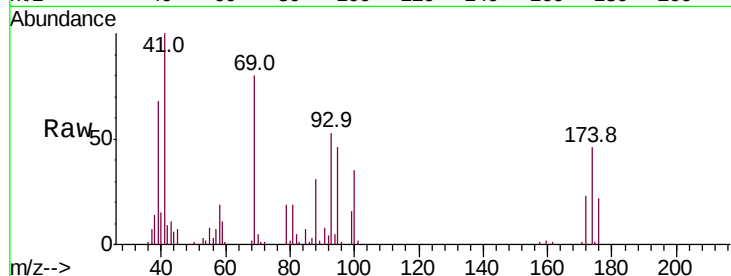
Tot Ion: 88 Resp: 24818

Ion Ratio Lower Upper

88 100

43 33.5 28.6 42.8

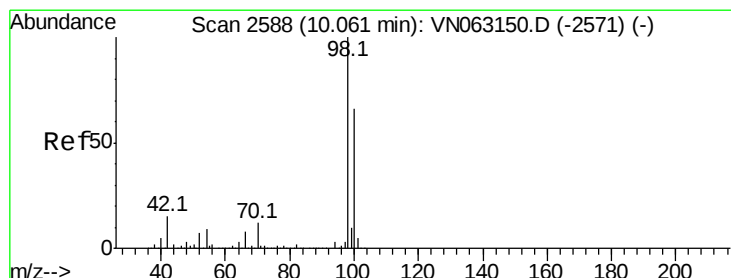
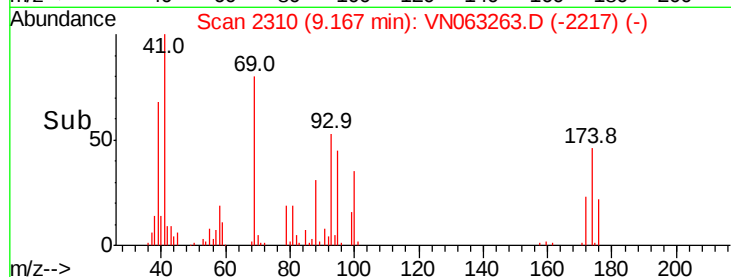
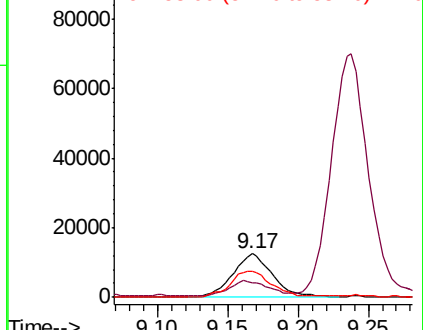
58 62.3 53.2 79.8



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: 44.980 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. -0.00 min

Lab File: VN063263.D

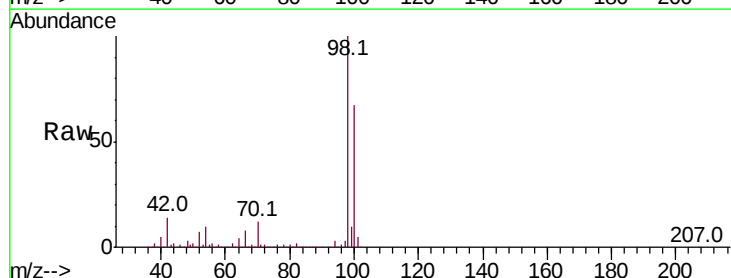
Acq: 5 Sep 2020 2:48

Tgt Ion: 98 Resp: 569867

Ion Ratio Lower Upper

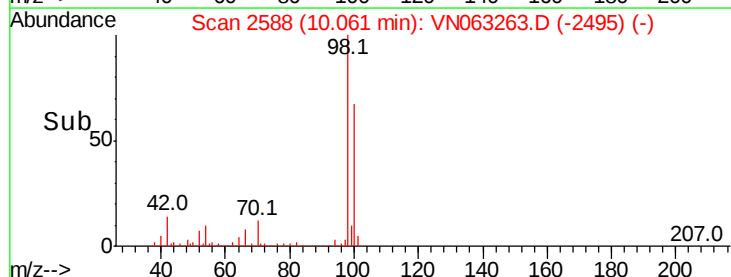
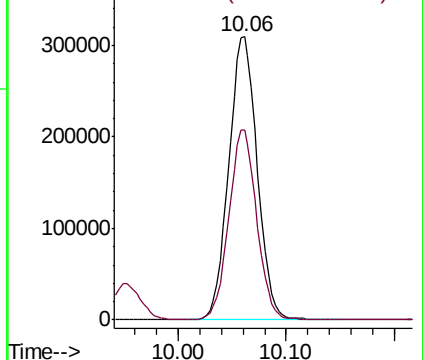
98 100

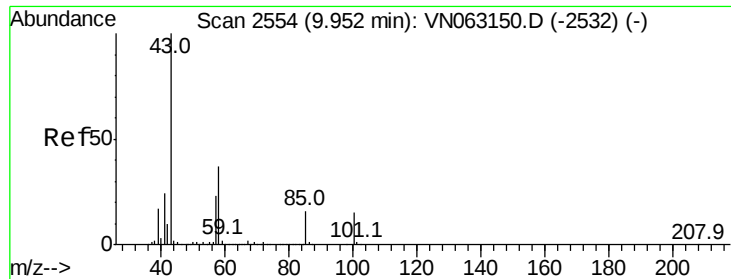
100 65.3 52.0 78.0



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: 113.029 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

Instrument :

MSVOA_N

ClientSampleId :

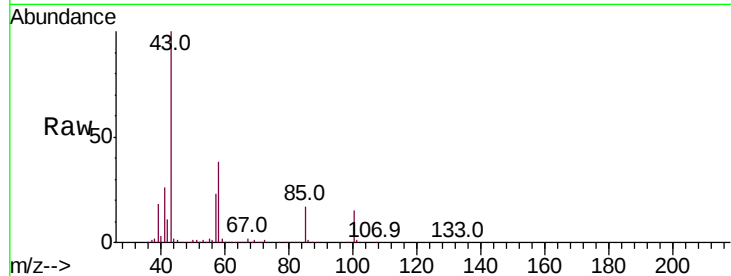
VN0904WBS02

Tot Ion: 43 Resp: 494061

Ion Ratio Lower Upper

43 100

58 36.3 29.2 43.8



Abundance Ion 43.00 (42.70 to 43.70): VN063150.D (-2532) (-)

Ion 58.00 (57.70 to 58.70): VN063150.D (-2532) (-)

9.95

250000

200000

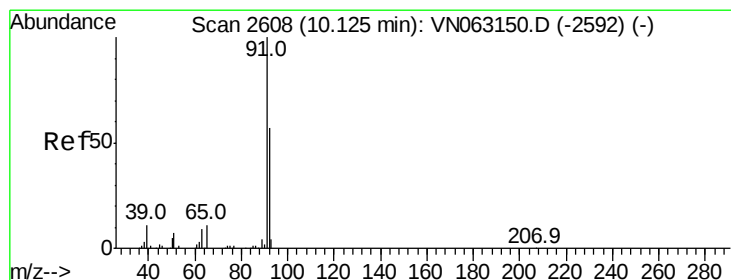
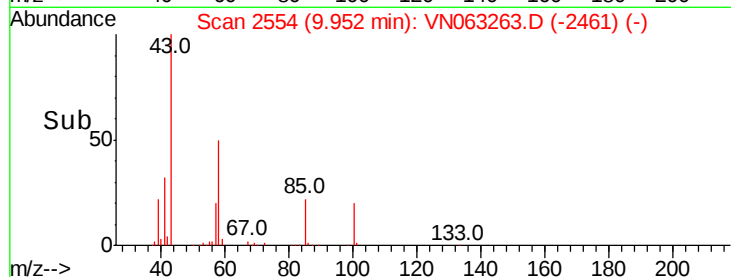
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.904 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. -0.00 min

Lab File: VN063263.D

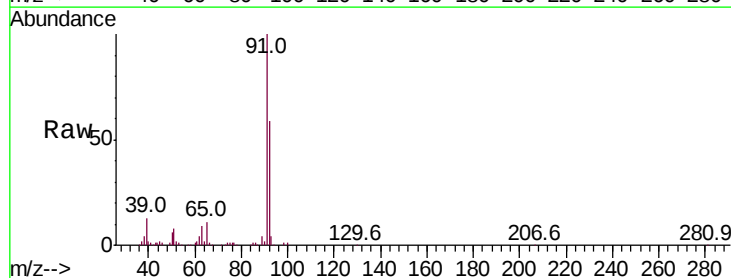
Acq: 5 Sep 2020 2:48

Tgt Ion: 92 Resp: 170681

Ion Ratio Lower Upper

92 100

91 172.5 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN063150.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN063150.D (-2592) (-)

10.13

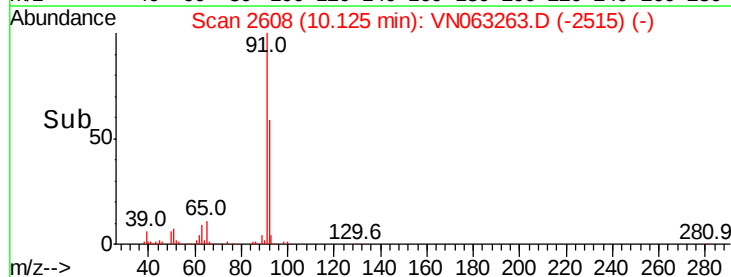
150000

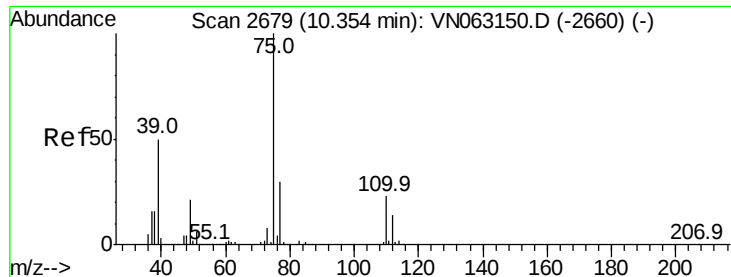
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.906 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. -0.00 min

Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

Instrument :

MSVOA_N

ClientSampled :

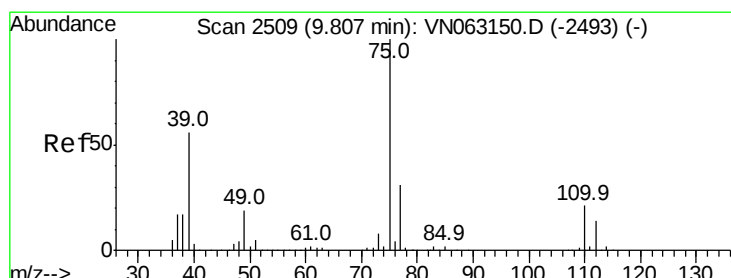
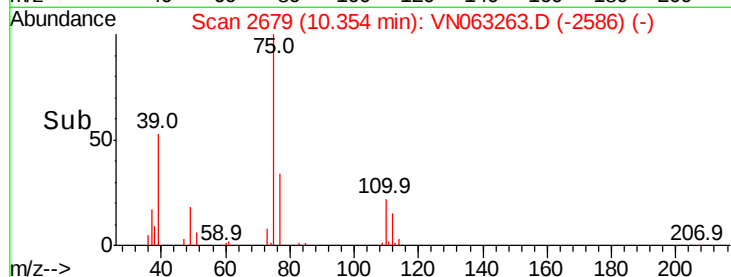
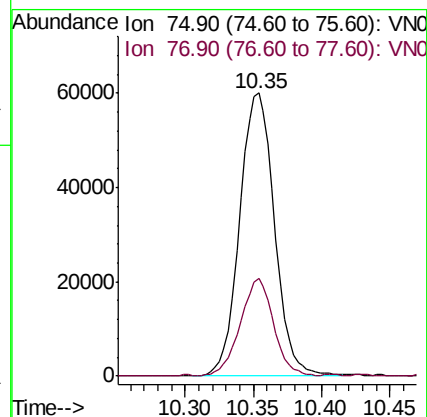
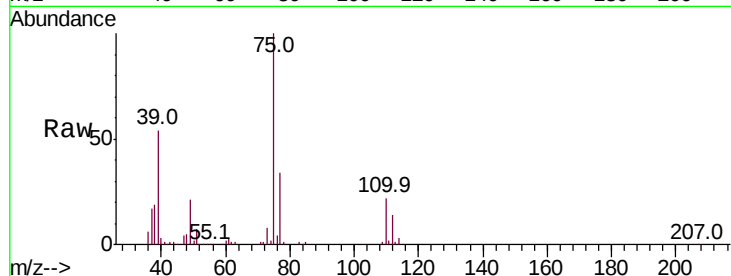
VN0904WBS02

Tot Ion: 75 Resp: 106769

Ion Ratio Lower Upper

75 100

77 34.0 24.2 36.2



#54

cis-1,3-Dichloropropene

Concen: 18.068 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

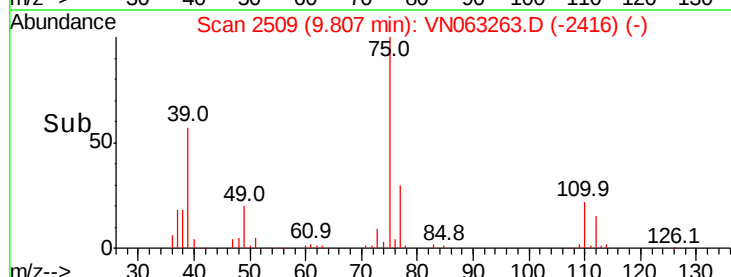
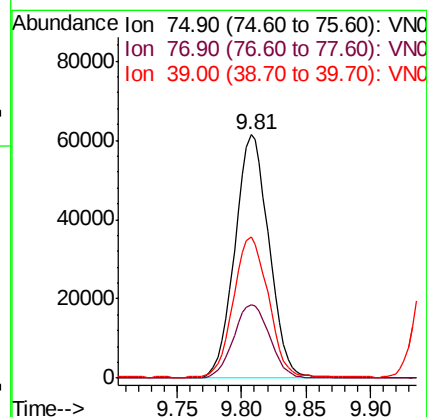
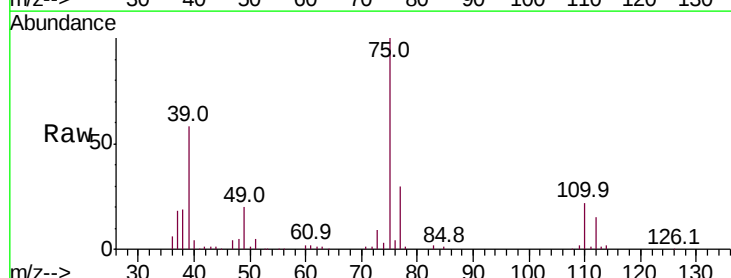
Tgt Ion: 75 Resp: 113090

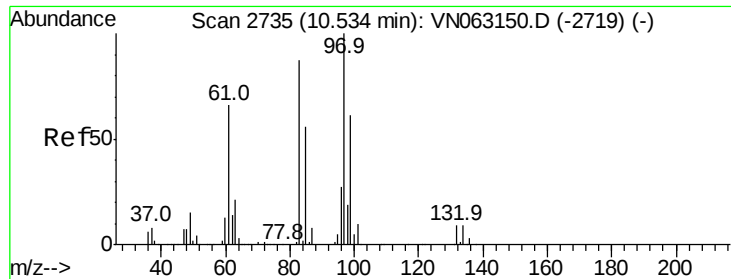
Ion Ratio Lower Upper

75 100

77 30.1 24.8 37.2

39 57.4 45.0 67.6

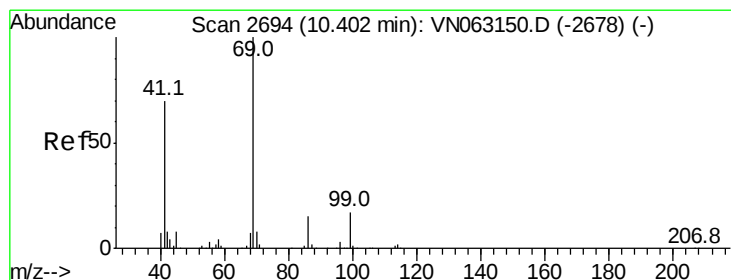
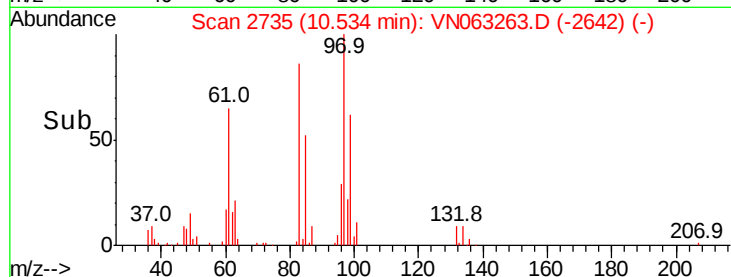
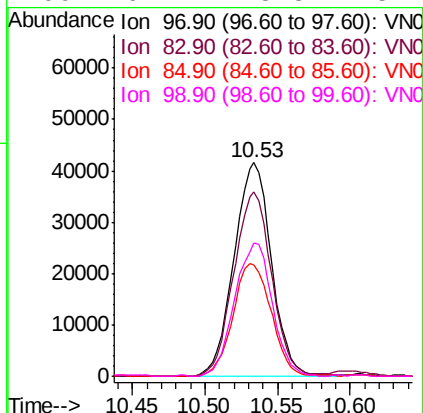
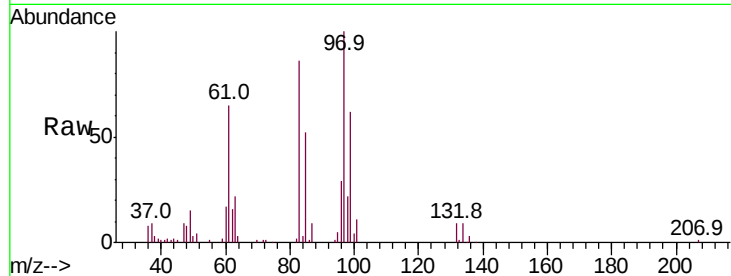




#55
 1,1,2-Trichloroethane
 Concen: 21.577 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN063263.D
 Acq: 5 Sep 2020 2:48

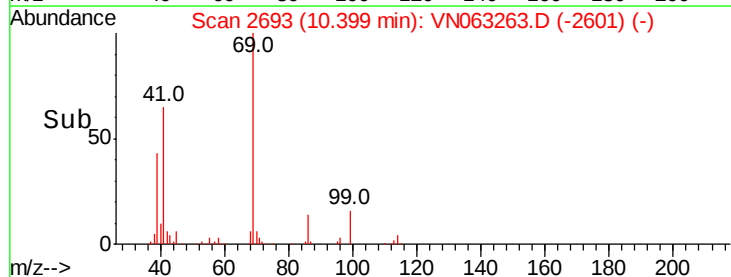
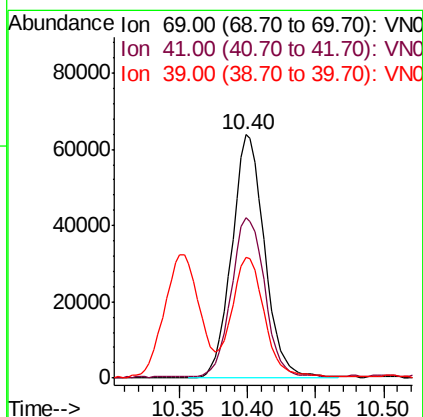
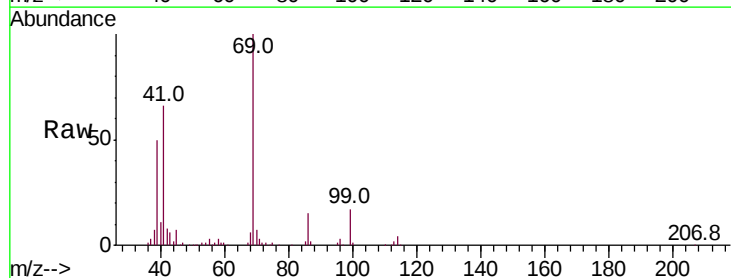
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBS02

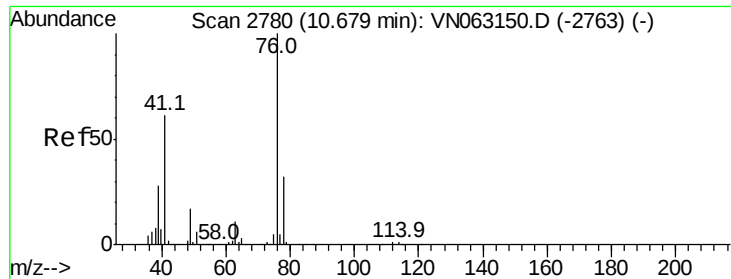
Tot Ion: 97 Resp: 74610
 Ion Ratio Lower Upper
 97 100
 83 86.5 69.8 104.8
 85 52.4 44.9 67.3
 99 62.1 48.8 73.2



#56
 Ethyl methacrylate
 Concen: 20.233 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063263.D
 Acq: 5 Sep 2020 2:48

Tgt Ion: 69 Resp: 106474
 Ion Ratio Lower Upper
 69 100
 41 66.2 55.5 83.3
 39 49.3 38.2 57.2

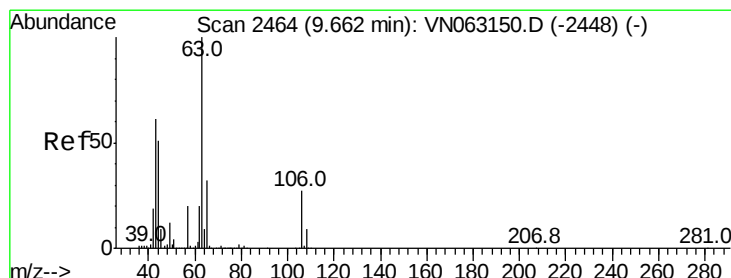
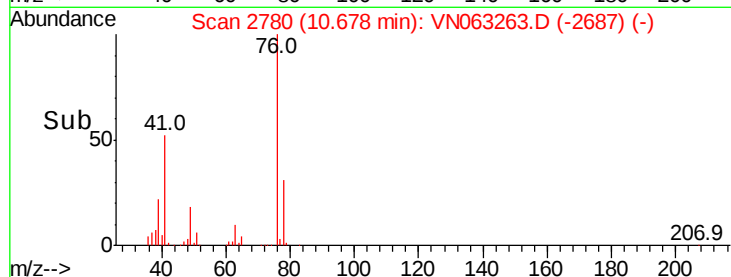
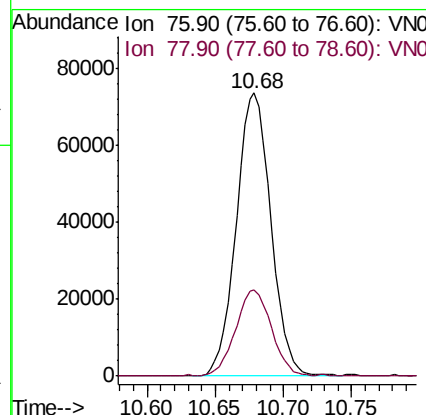
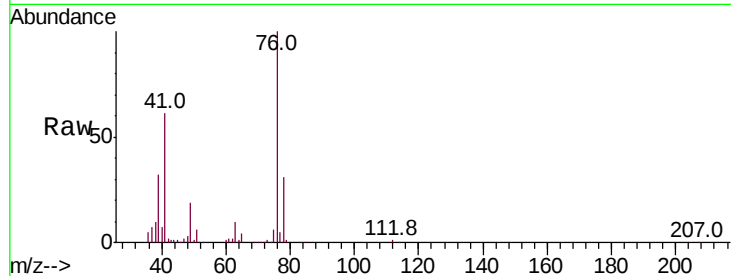




#57
 1,3-Dichloropropane
 Concen: 21.060 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. -0.00 min
 Lab File: VN063263.D
 Acq: 5 Sep 2020 2:48

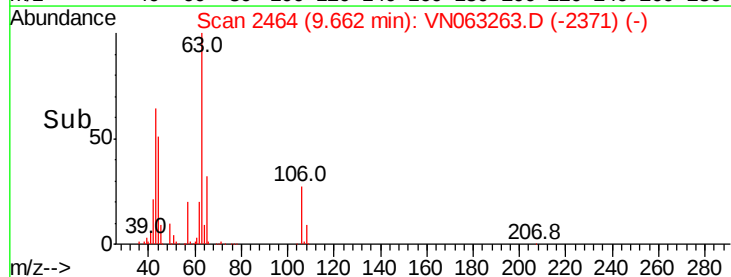
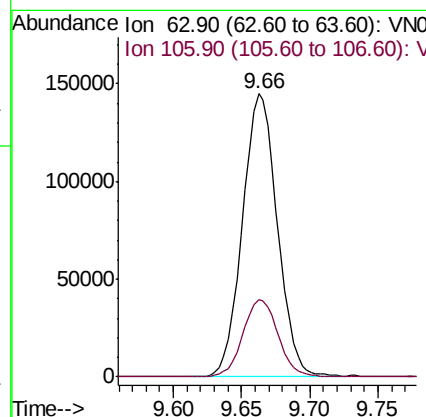
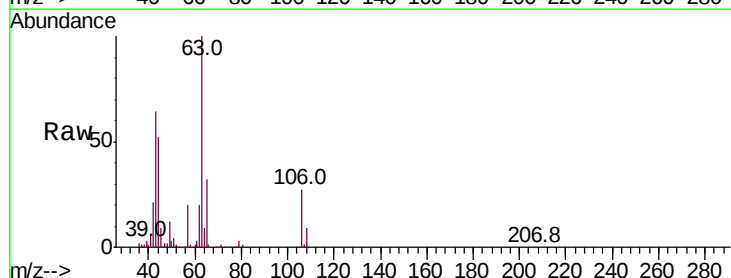
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBS02

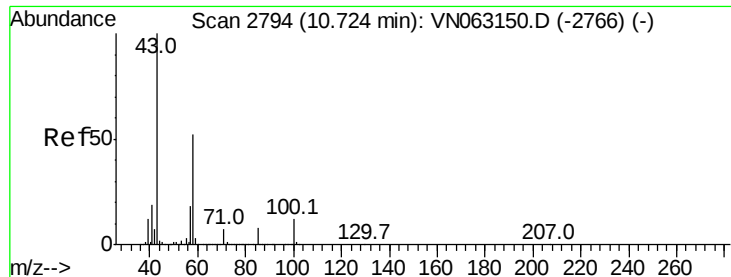
Tot Ion: 76 Resp: 129728
 Ion Ratio Lower Upper
 76 100
 78 30.9 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.528 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN063263.D
 Acq: 5 Sep 2020 2:48

Tgt Ion: 63 Resp: 257591
 Ion Ratio Lower Upper
 63 100
 106 27.4 21.8 32.6

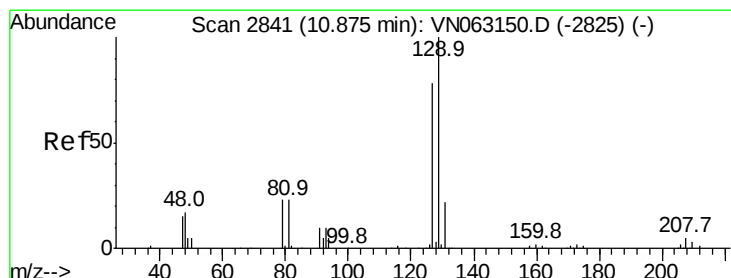
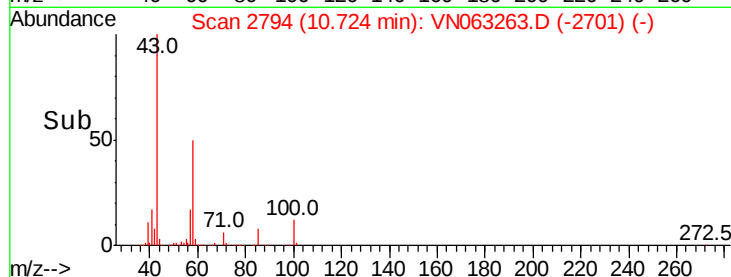
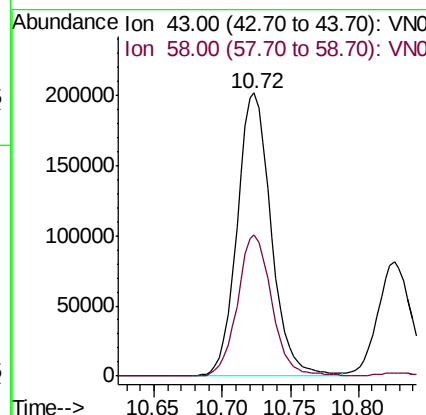
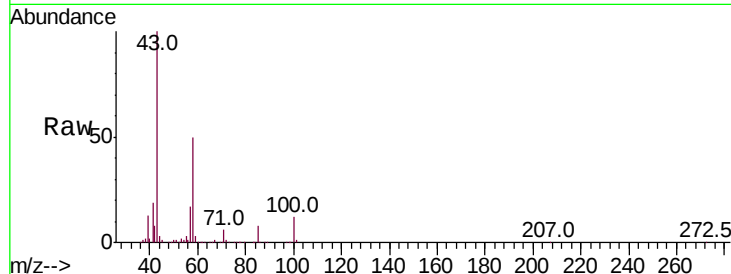




#59
2-Hexanone
Concen: 112.652 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. -0.00 min
Lab File: VN063263.D
Acq: 5 Sep 2020 2:48

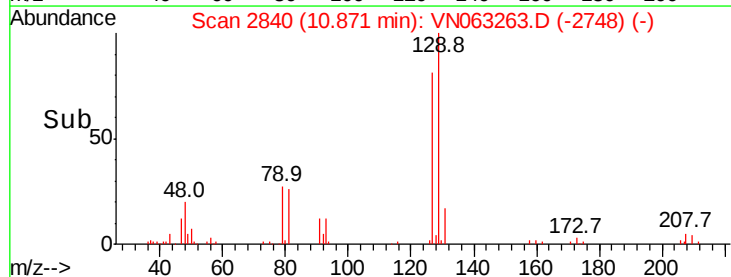
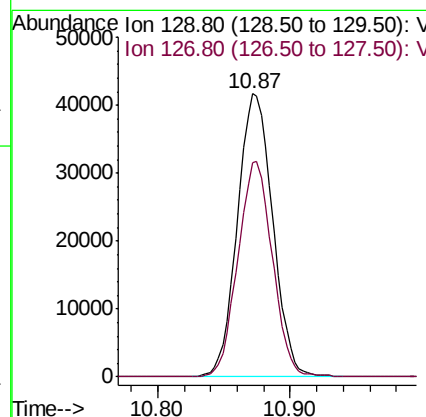
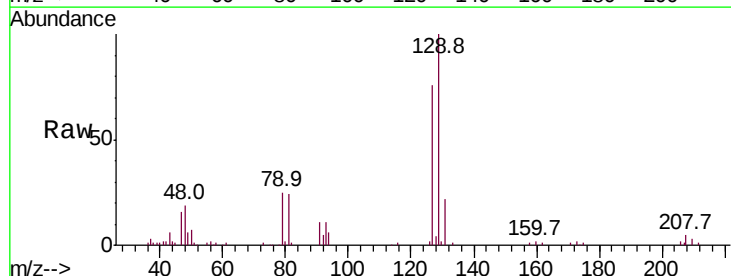
Instrument :
MSVOA_N
ClientSampled :
VN0904WBS02

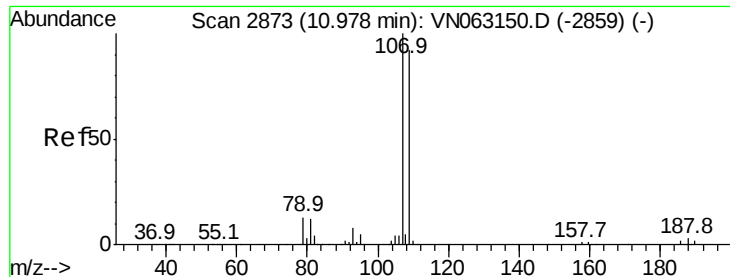
Tot Ion: 43 Resp: 346060
Ion Ratio Lower Upper
43 100
58 51.0 25.9 77.8



#60
Dibromochloromethane
Concen: 20.189 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063263.D
Acq: 5 Sep 2020 2:48

Tgt Ion: 129 Resp: 77181
Ion Ratio Lower Upper
129 100
127 74.3 39.0 117.0





#61

1,2-Dibromoethane

Concen: 21.194 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

Instrument :

MSVOA_N

ClientSampleId :

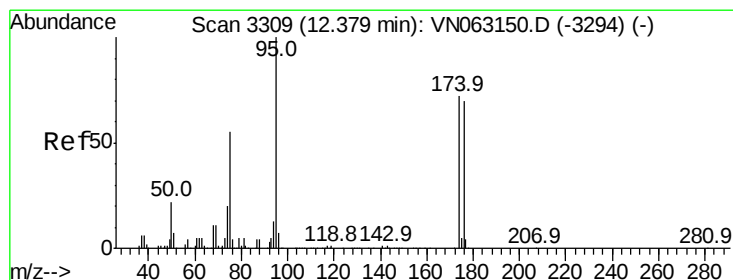
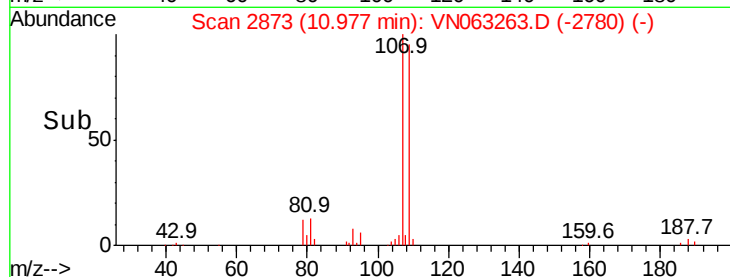
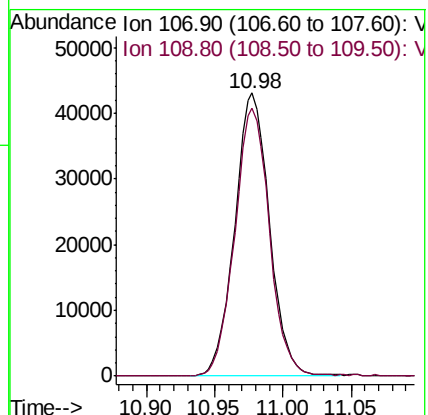
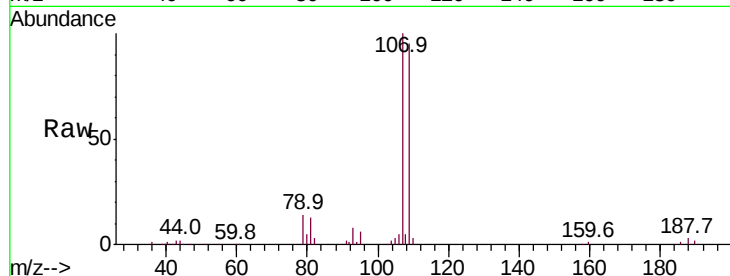
VN0904WBS02

Tot Ion:107 Resp: 76183

Ion Ratio Lower Upper

107 100

109 94.8 73.4 110.0



#62

4-Bromofluorobenzene

Concen: 43.096 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

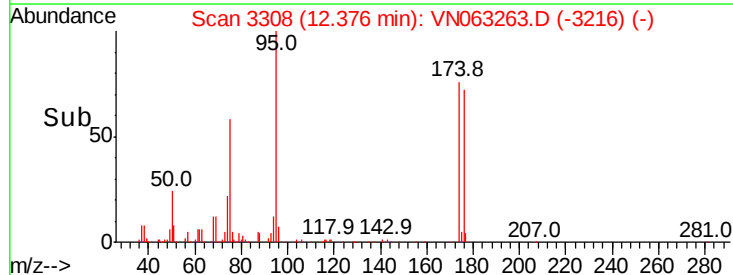
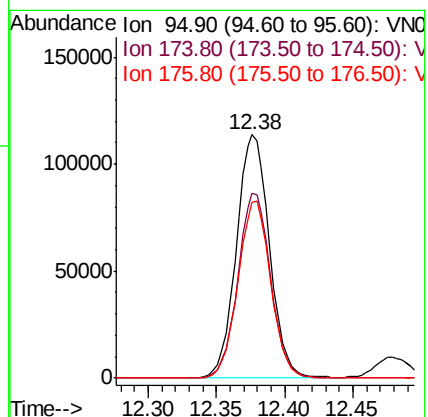
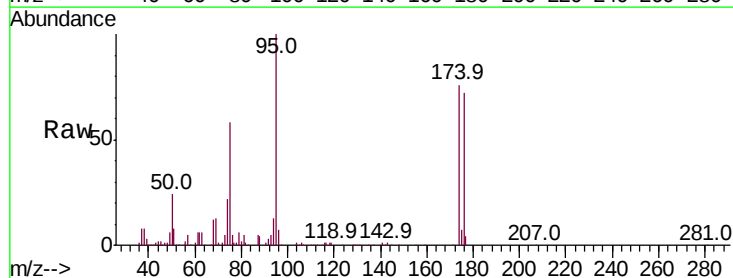
Tgt Ion: 95 Resp: 190991

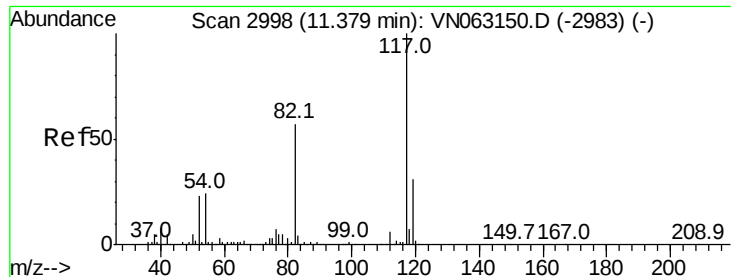
Ion Ratio Lower Upper

95 100

174 75.4 0.0 143.8

176 71.9 0.0 138.4

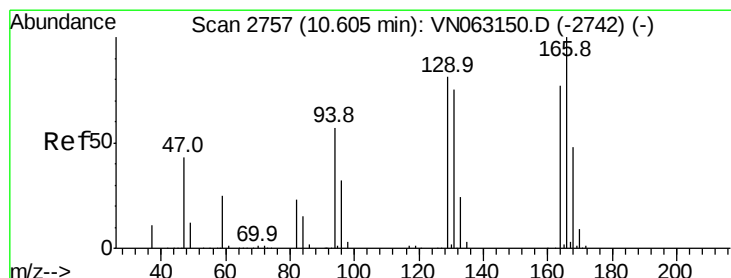
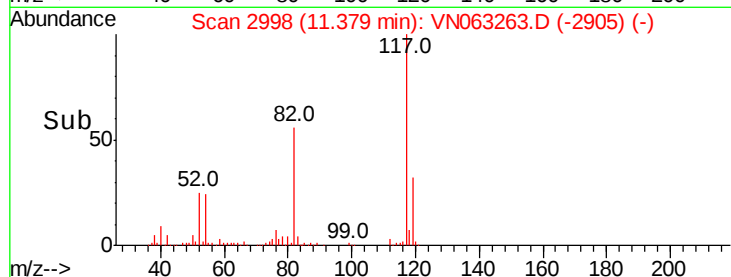
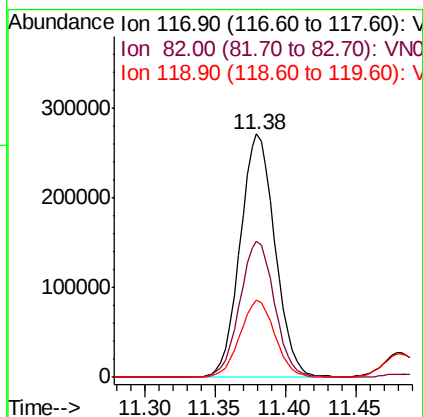
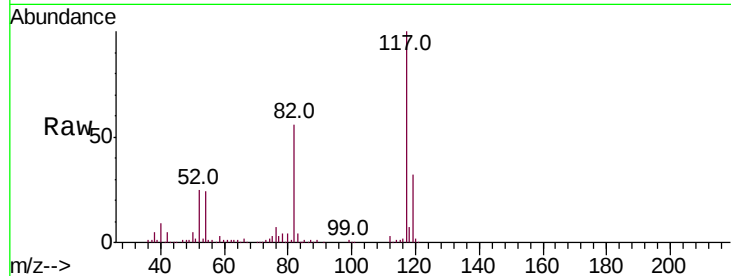




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063263.D
Acq: 5 Sep 2020 2:48

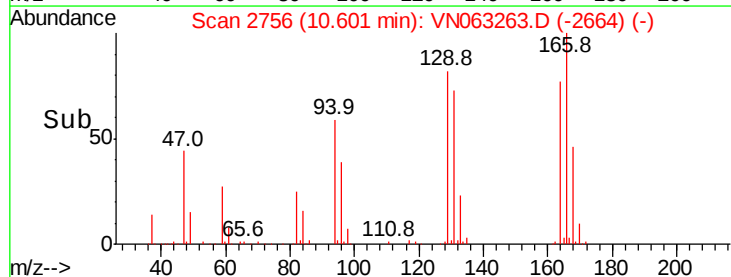
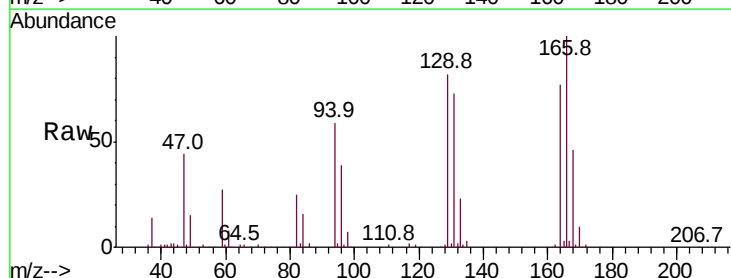
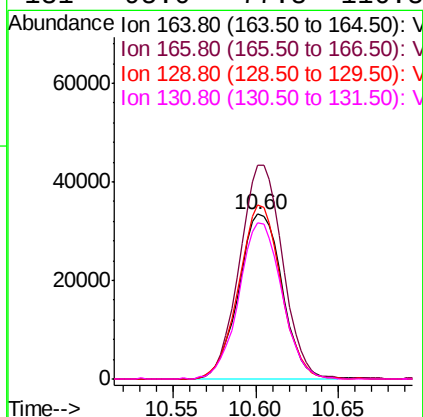
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS02

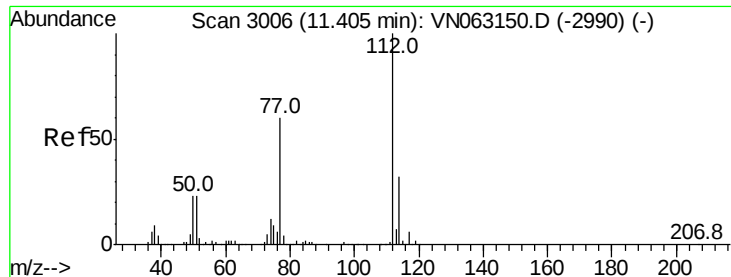
Tot Ion:117 Resp: 470818
Ion Ratio Lower Upper
117 100
82 55.9 45.4 68.0
119 31.7 24.6 37.0



#64
Tetrachloroethene
Concen: 18.137 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063263.D
Acq: 5 Sep 2020 2:48

Tgt Ion:164 Resp: 61319
Ion Ratio Lower Upper
164 100
166 129.7 103.4 155.2
129 106.1 83.4 125.0
131 95.0 77.8 116.8

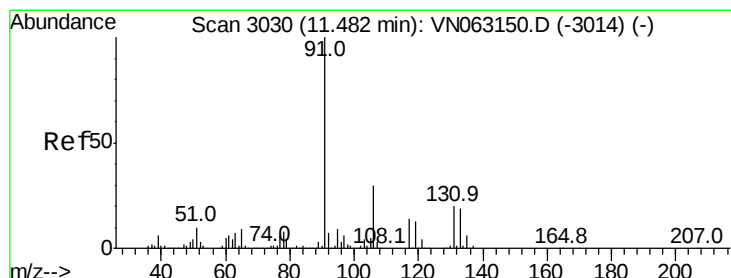
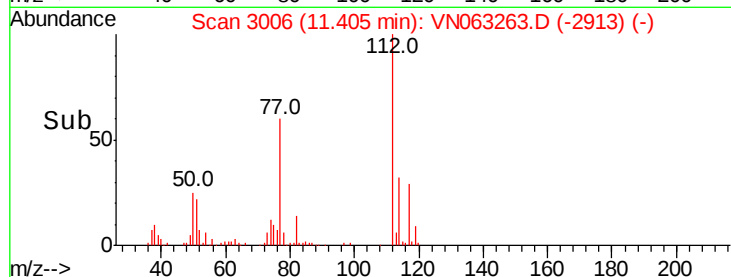
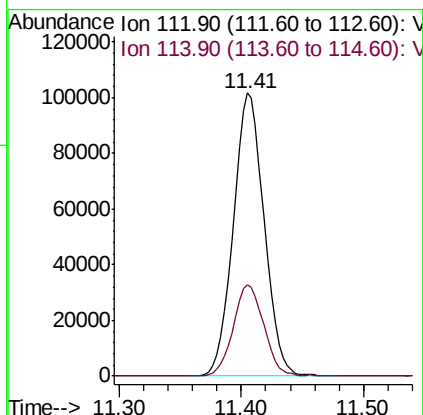
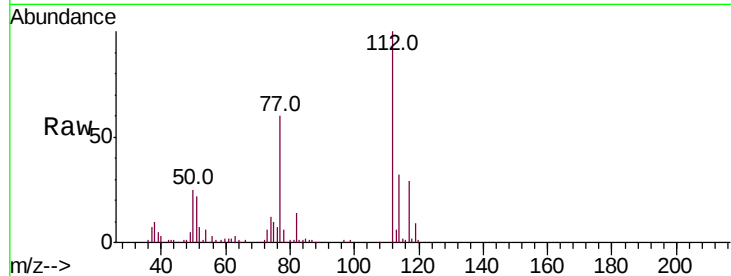




#65
Chlorobenzene
Concen: 18.766 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063263.D
Acq: 5 Sep 2020 2:48

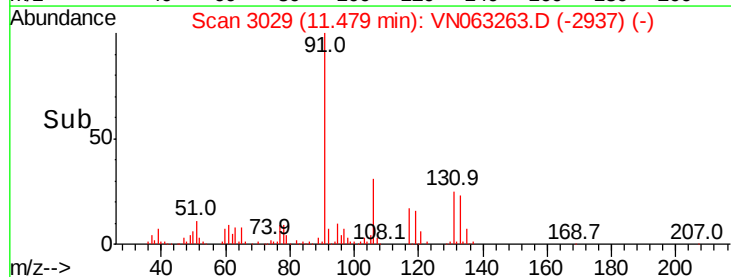
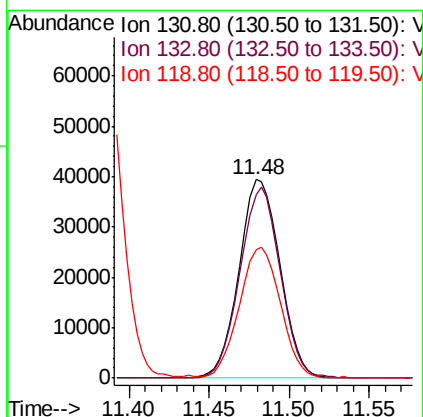
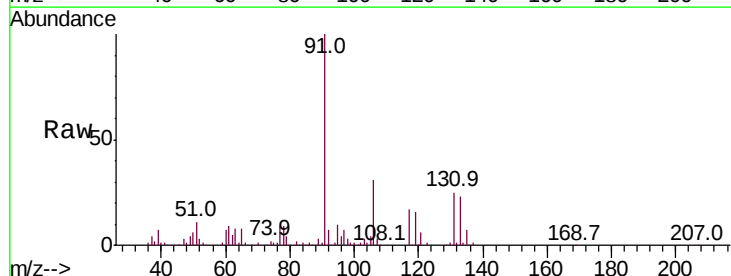
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS02

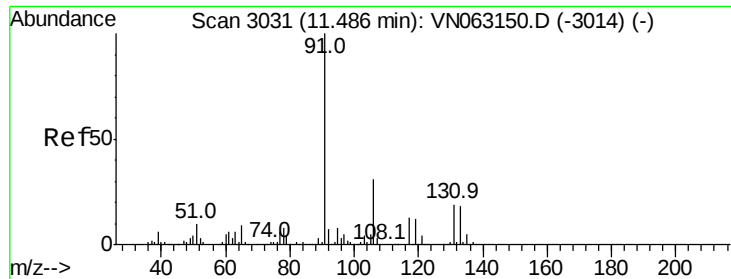
Tot Ion:112 Resp: 177954
Ion Ratio Lower Upper
112 100
114 32.4 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.547 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN063263.D
Acq: 5 Sep 2020 2:48

Tgt Ion:131 Resp: 68819
Ion Ratio Lower Upper
131 100
133 94.9 47.3 142.0
119 66.3 32.4 97.0





#67

Ethyl Benzene

Concen: 17.221 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

Instrument :

MSVOA_N

ClientSampled :

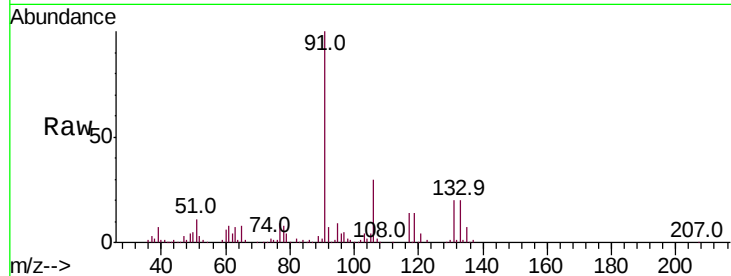
VN0904WBS02

Tot Ion: 91 Resp: 297917

Ion Ratio Lower Upper

91 100

106 30.2 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VN063263.D (-2938) (-)

Ion 106.00 (105.70 to 106.70): VN063263.D (-2938) (-)

250000

200000

150000

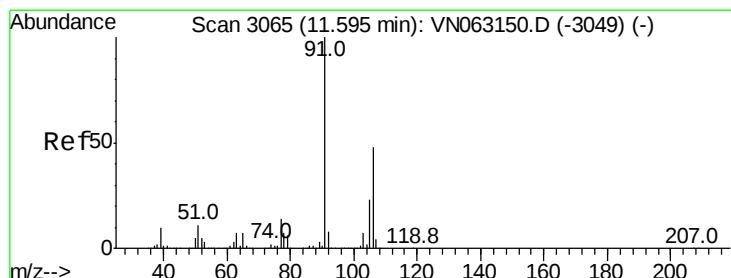
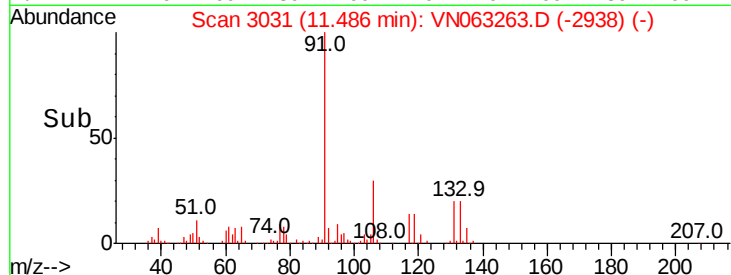
100000

50000

0

11.40 11.45 11.50 11.55

Time-->



#68

m/p-Xylenes

Concen: 34.179 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063263.D

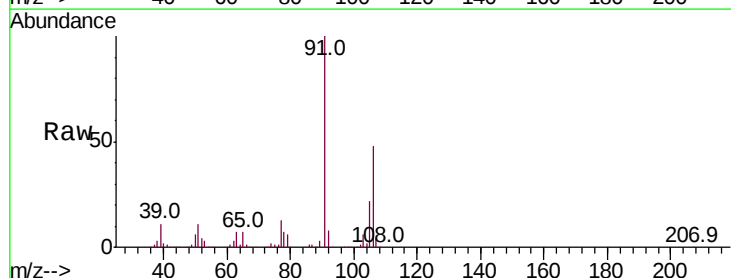
Acq: 5 Sep 2020 2:48

Tgt Ion:106 Resp: 218988

Ion Ratio Lower Upper

106 100

91 205.5 166.7 250.1



Abundance Ion 106.00 (105.70 to 106.70): VN063263.D (-2972) (-)

Ion 91.00 (90.70 to 91.70): VN063263.D (-2972) (-)

250000

200000

150000

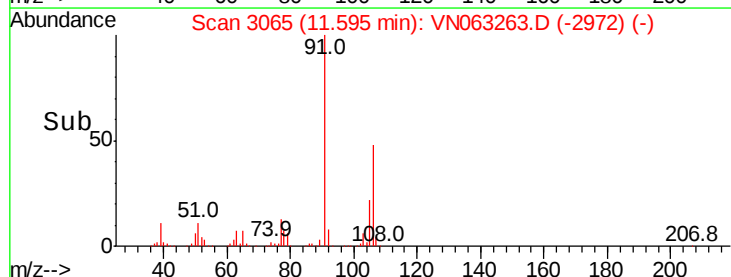
100000

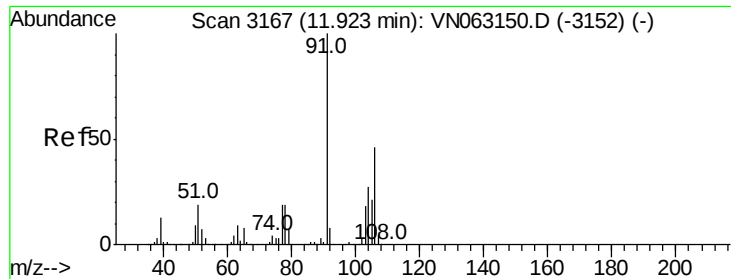
50000

0

11.50 11.60 11.70

Time-->

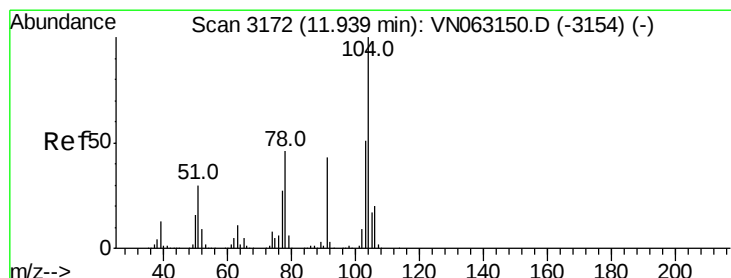
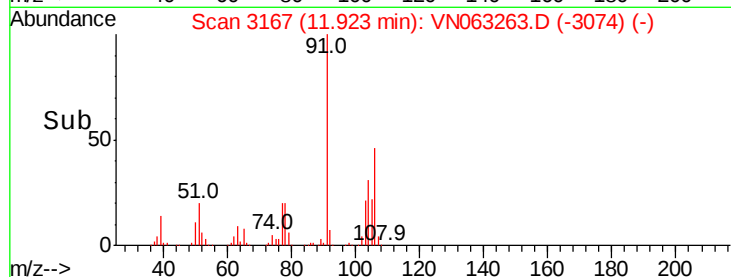
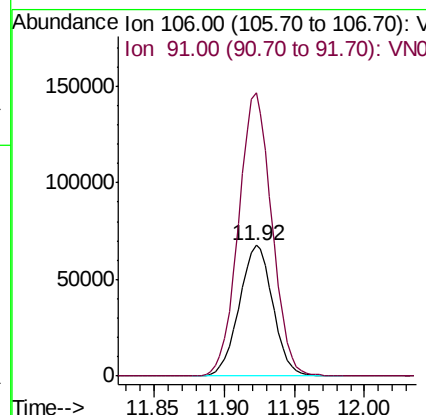
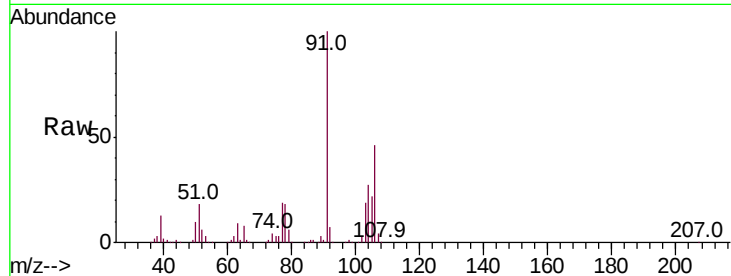




#69
o-Xylene
Concen: 18.281 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN063263.D
Acq: 5 Sep 2020 2:48

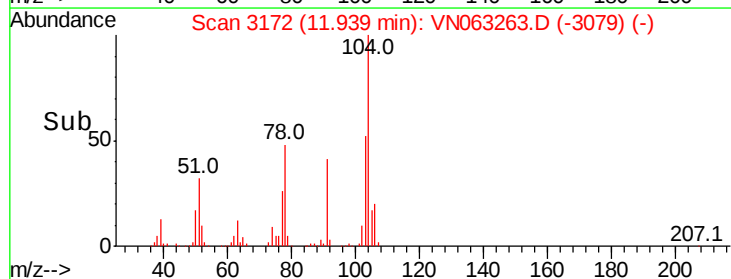
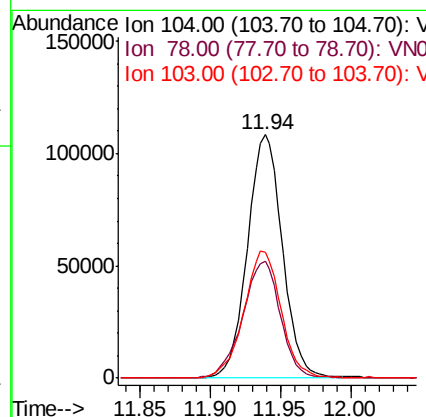
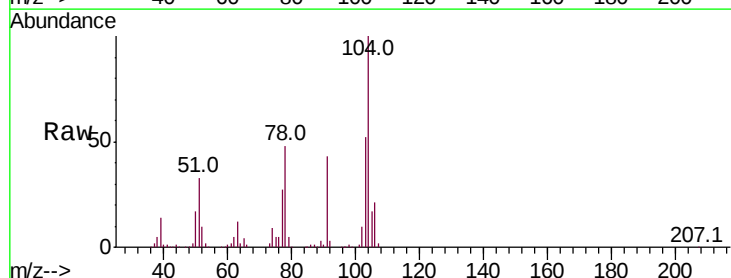
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS02

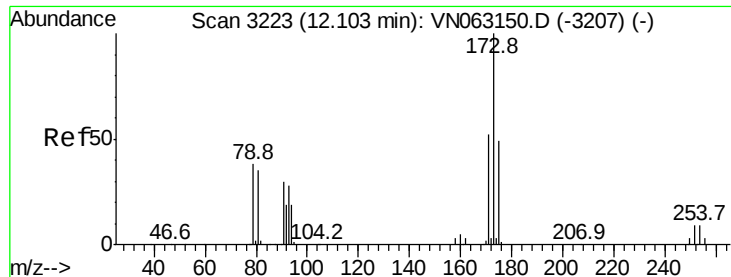
Tot Ion:106 Resp: 113149
Ion Ratio Lower Upper
106 100
91 215.1 108.6 325.6



#70
Styrene
Concen: 17.695 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063263.D
Acq: 5 Sep 2020 2:48

Tgt Ion:104 Resp: 188225
Ion Ratio Lower Upper
104 100
78 51.9 41.0 61.6
103 55.8 43.8 65.8





#71

Bromoform

Concen: 19.318 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBS02

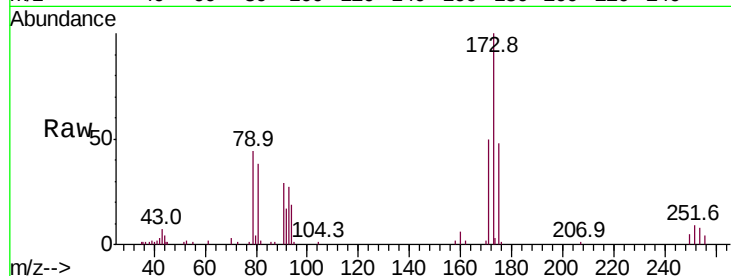
Tot Ion:173 Resp: 46158

Ion Ratio Lower Upper

173 100

175 48.5 24.6 73.8

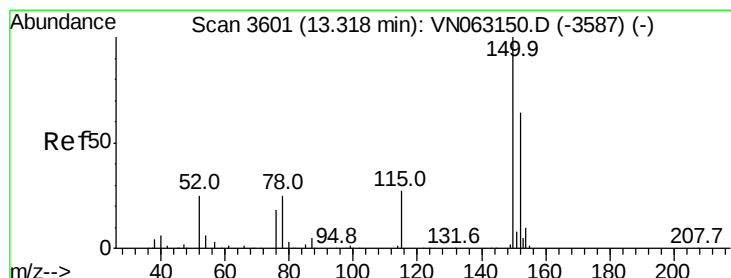
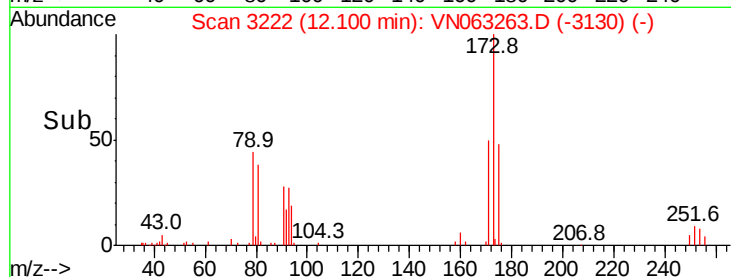
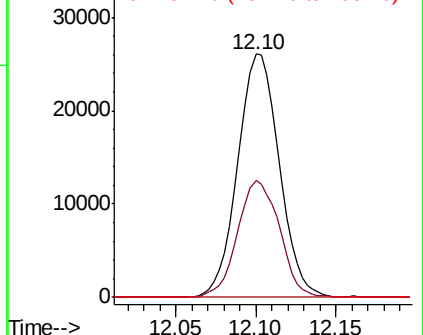
254 0.0 0.0 0.0



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: VN063263.D

Acq: 5 Sep 2020 2:48

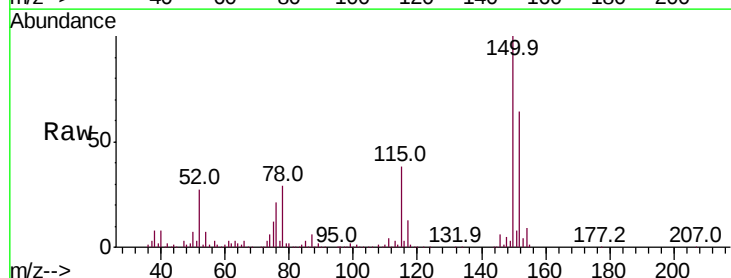
Tgt Ion:152 Resp: 197988

Ion Ratio Lower Upper

152 100

115 61.5 32.0 96.2

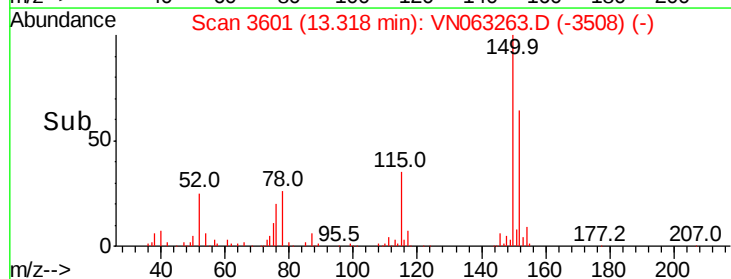
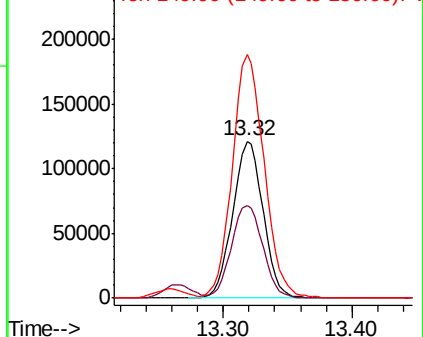
150 162.1 0.0 353.0

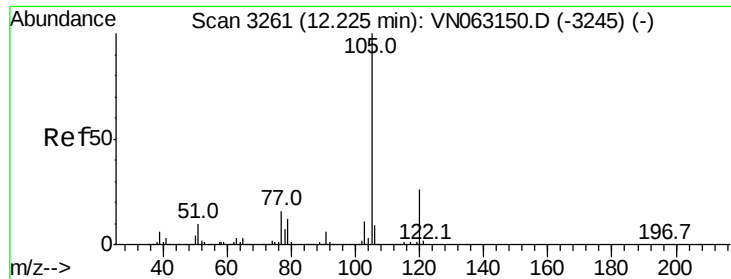


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.277 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. -0.00 min

Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

Instrument :

MSVOA_N

ClientSampleId :

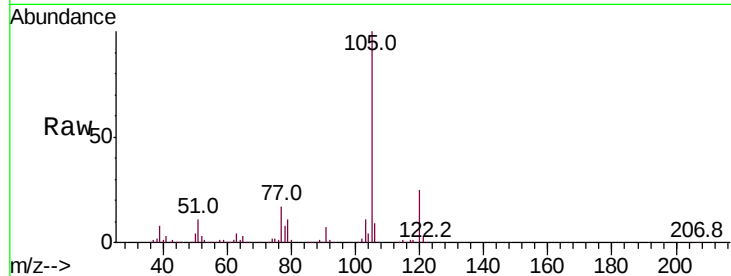
VN0904WBS02

Tot Ion:105 Resp: 262366

Ion Ratio Lower Upper

105 100

120 25.5 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.23

150000

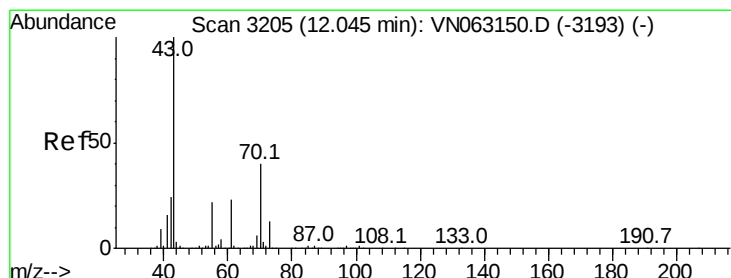
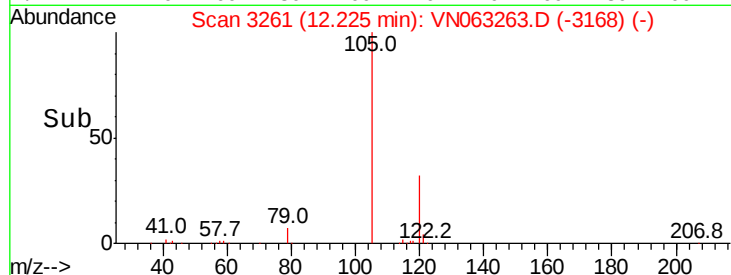
100000

50000

0

Time-->

12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 20.784 ug/l

RT: 12.05 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

Tgt Ion: 43 Resp: 130729

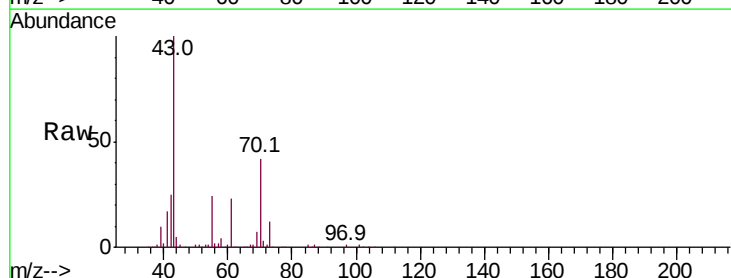
Ion Ratio Lower Upper

43 100

70 41.1 32.1 48.1

55 22.4 17.4 26.0

61 22.0 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

120000

100000

80000

60000

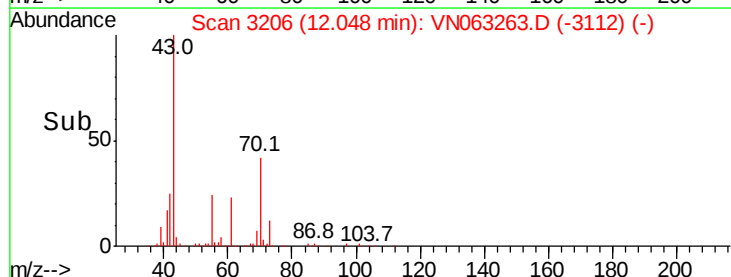
40000

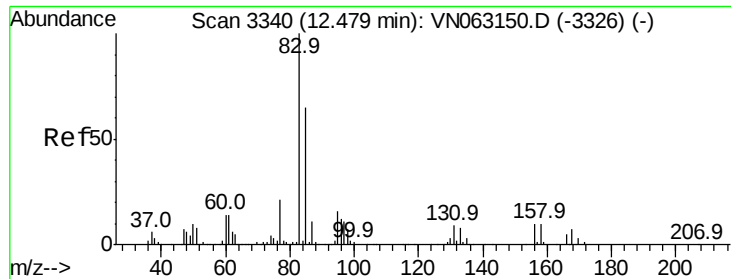
20000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 23.181 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBS02

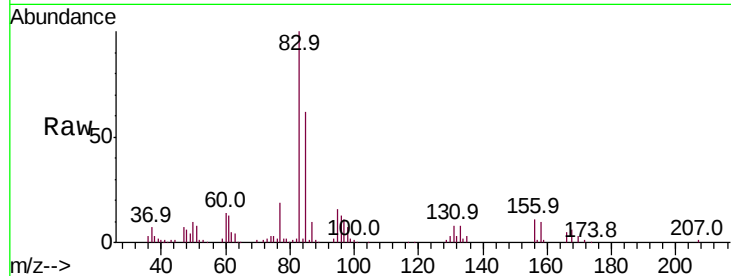
Tot Ion: 83 Resp: 101488

Ion Ratio Lower Upper

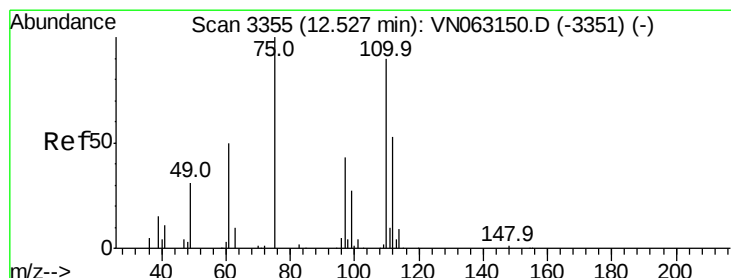
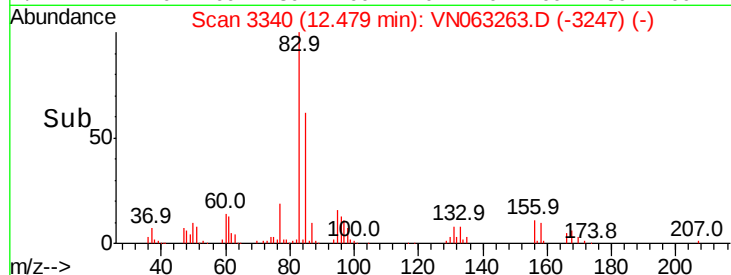
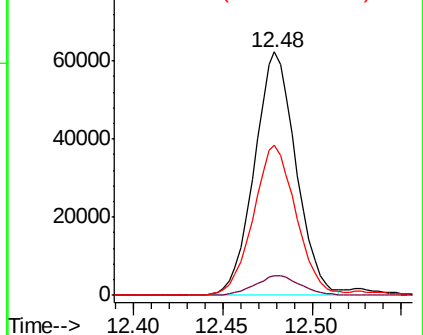
83 100

131 8.7 4.7 14.0

85 63.6 32.7 98.1



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



#76

1,2,3-Trichloropropane

Concen: 32.129 ug/l

RT: 12.53 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN063263.D

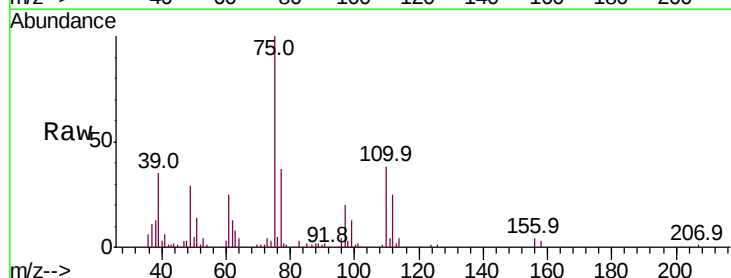
Acq: 5 Sep 2020 2:48

Tgt Ion: 75 Resp: 124983

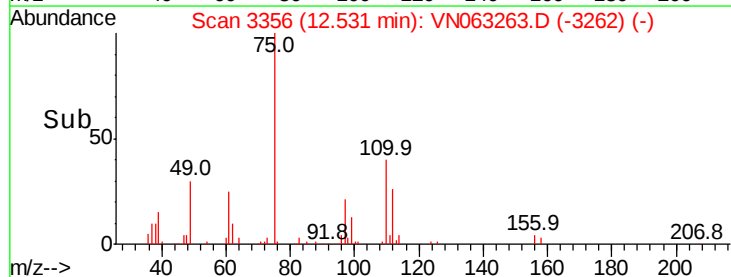
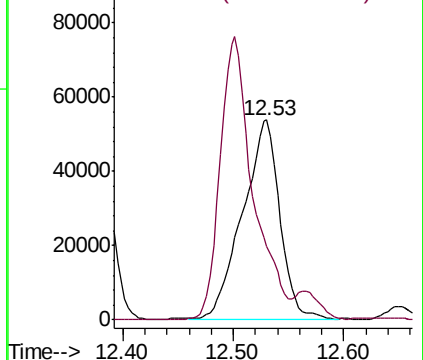
Ion Ratio Lower Upper

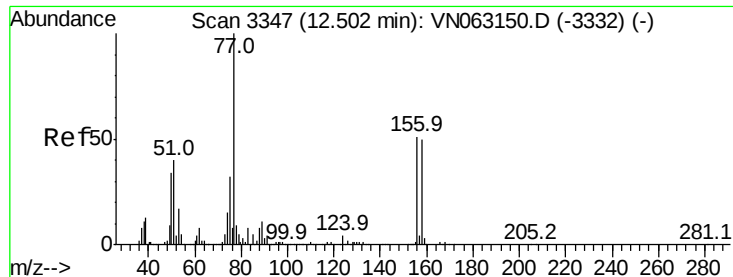
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 20.920 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. -0.00 min

Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBS02

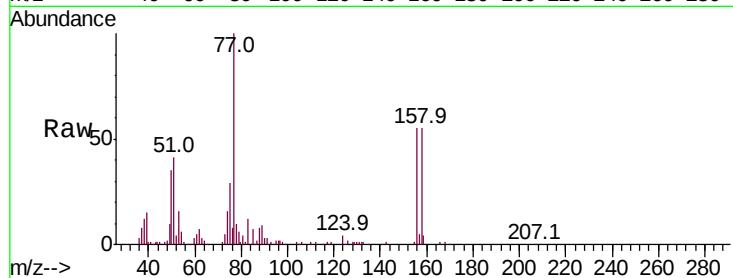
Tot Ion:156 Resp: 71848

Ion Ratio Lower Upper

156 100

77 220.7 116.1 348.3

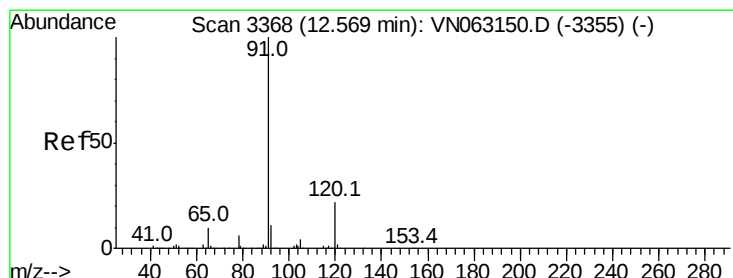
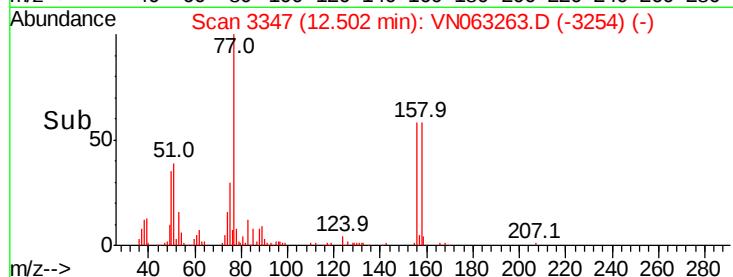
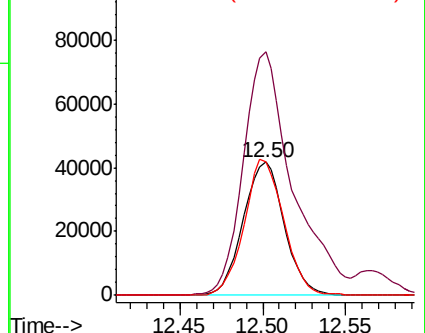
158 98.4 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 16.787 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063263.D

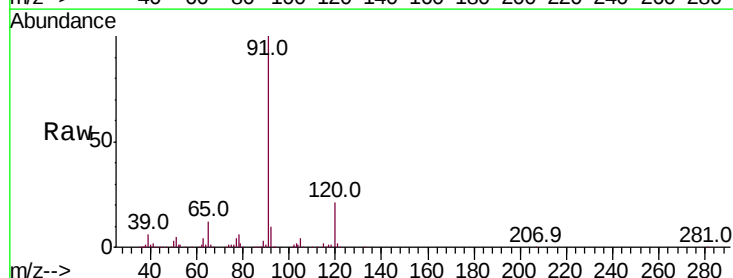
Acq: 5 Sep 2020 2:48

Tgt Ion: 91 Resp: 294985

Ion Ratio Lower Upper

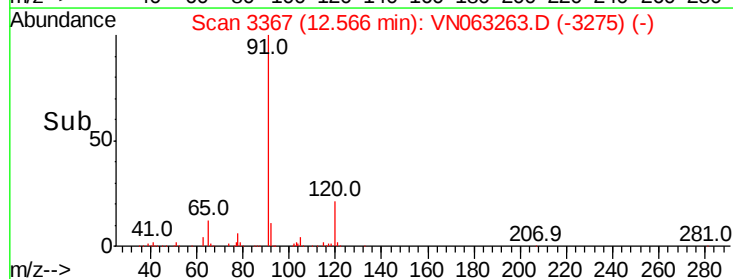
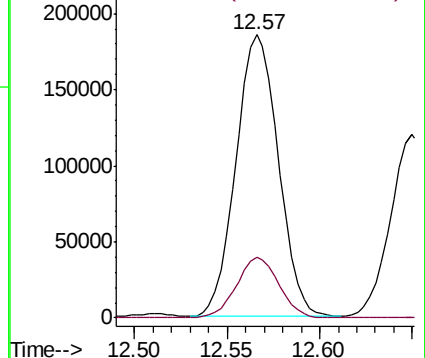
91 100

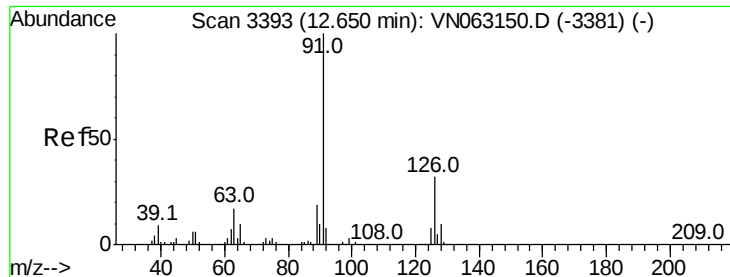
120 21.5 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.177 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

Instrument :

MSVOA_N

ClientSampled :

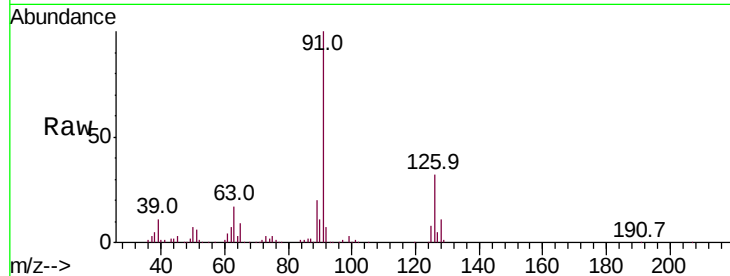
VN0904WBS02

Tot Ion: 91 Resp: 191307

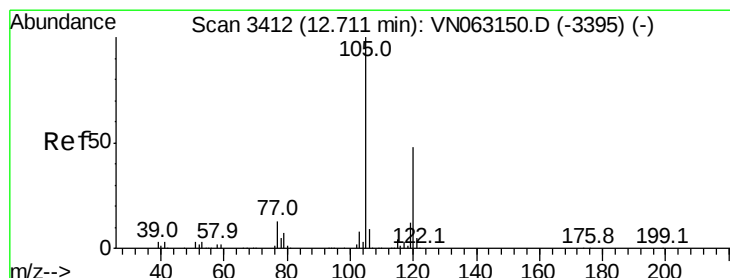
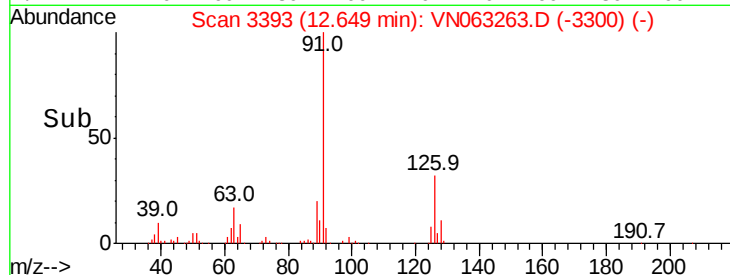
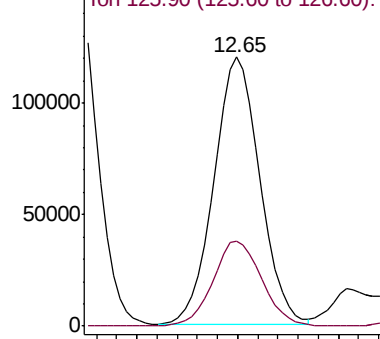
Ion Ratio Lower Upper

91 100

126 33.7 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VN063150.D (-3381) (-)



#80

1,3,5-Trimethylbenzene

Concen: 17.127 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063263.D

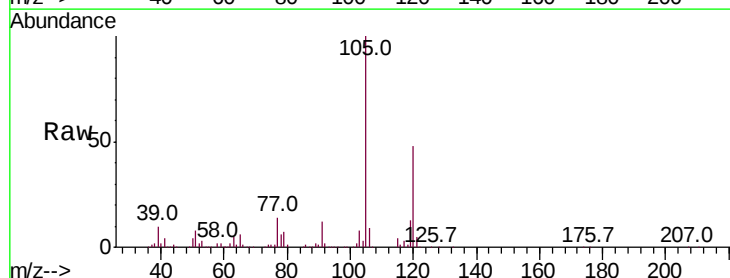
Acq: 5 Sep 2020 2:48

Tgt Ion:105 Resp: 216477

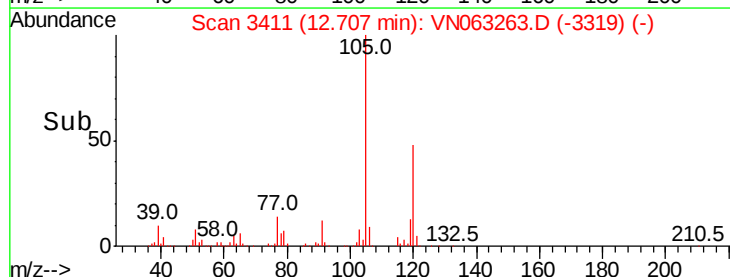
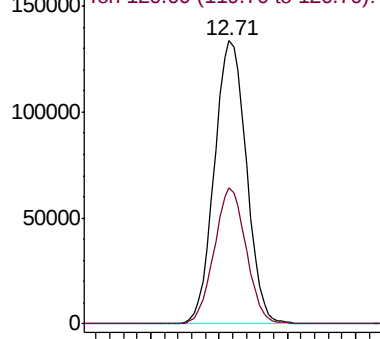
Ion Ratio Lower Upper

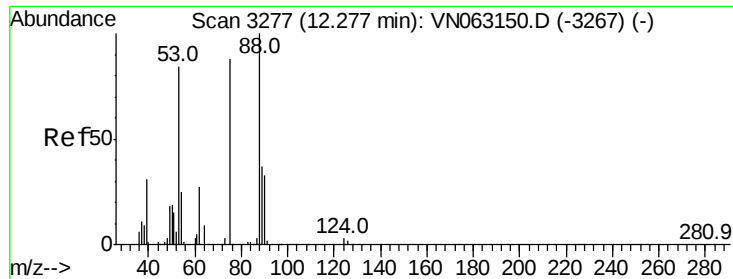
105 100

120 48.4 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): VN063150.D (-3395) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.223 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBS02

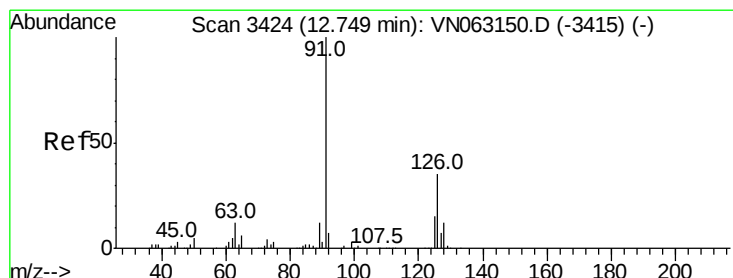
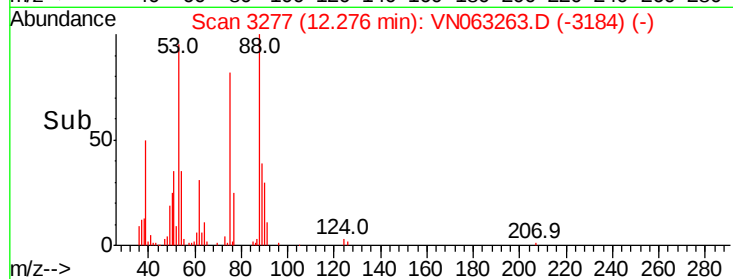
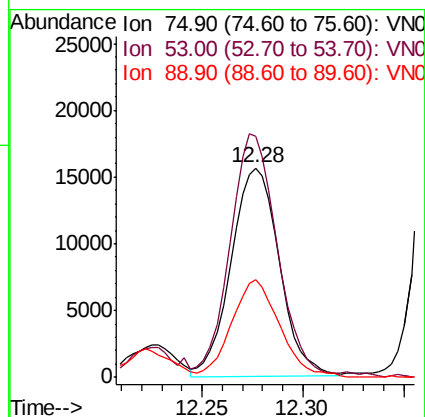
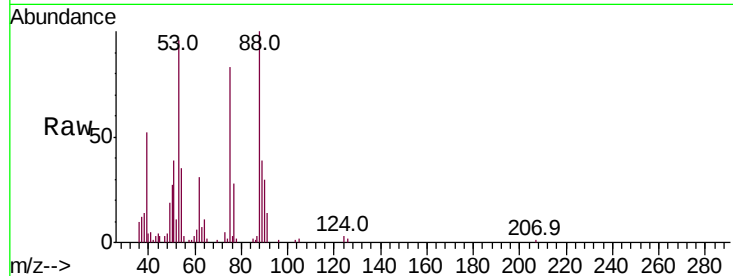
Tot Ion: 75 Resp: 26111

Ion Ratio Lower Upper

75 100

53 111.5 78.7 118.1

89 46.8 35.3 52.9



#82

4-Chlorotoluene

Concen: 17.509 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. -0.00 min

Lab File: VN063263.D

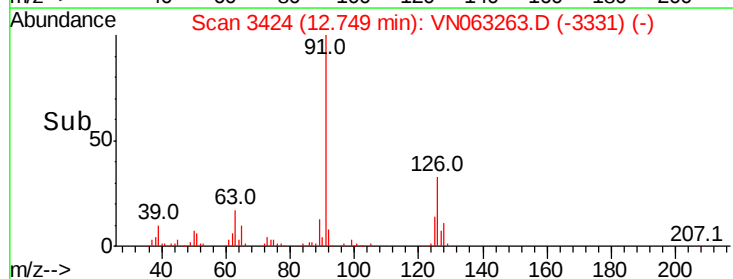
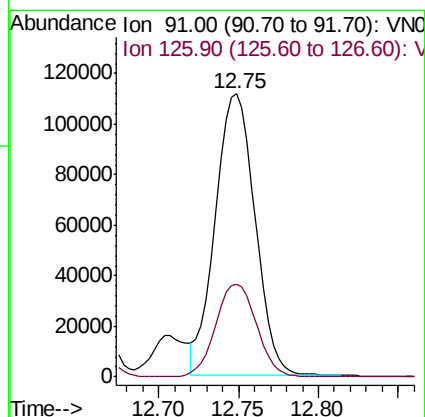
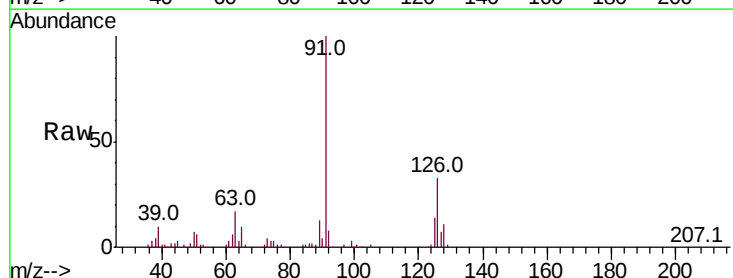
Acq: 5 Sep 2020 2:48

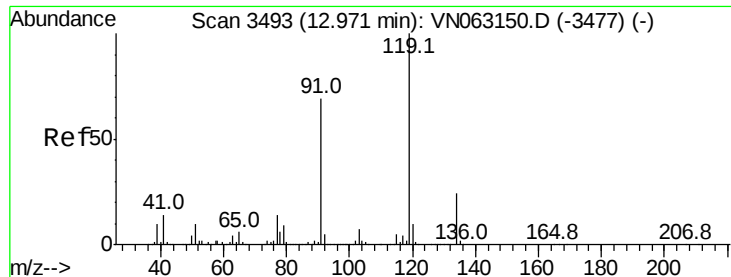
Tgt Ion: 91 Resp: 191115

Ion Ratio Lower Upper

91 100

126 33.9 16.2 48.5

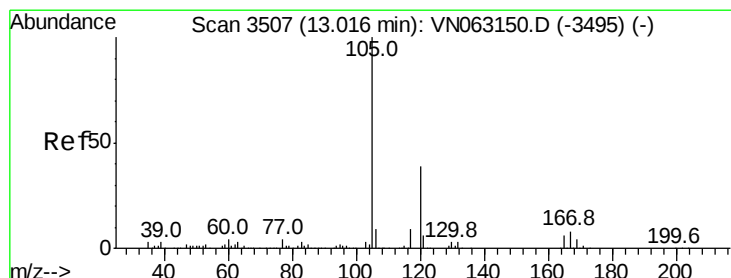
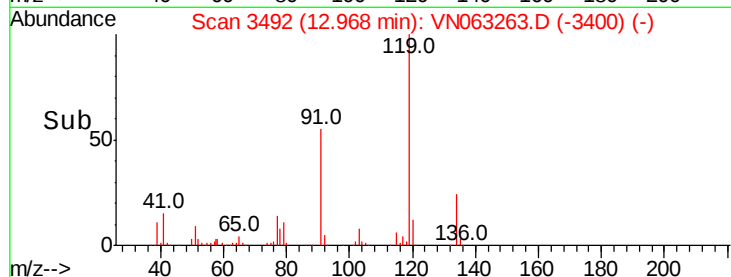
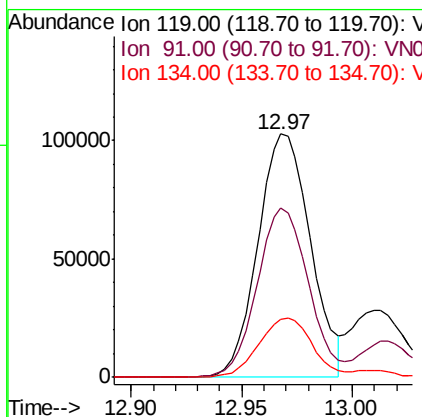
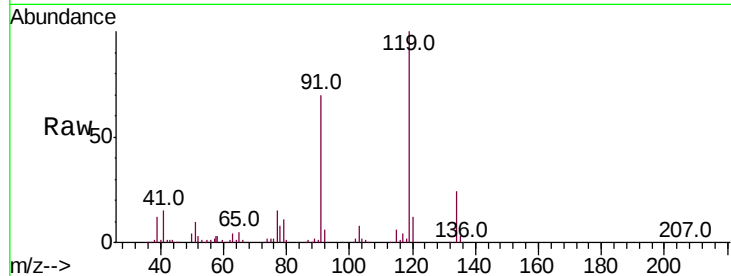




#83
tert-Butylbenzene
Concen: 15.711 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN063263.D
Acq: 5 Sep 2020 2:48

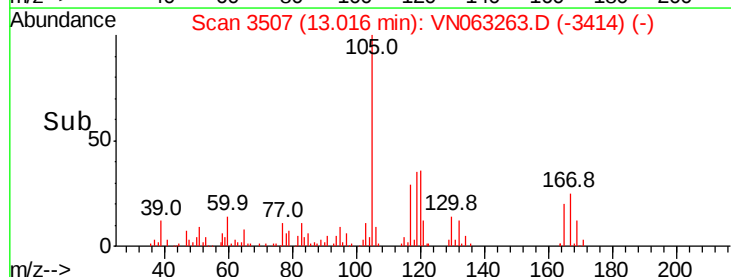
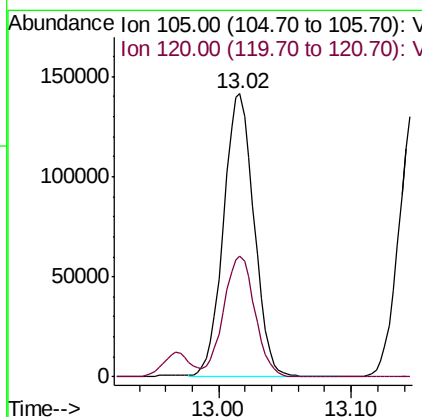
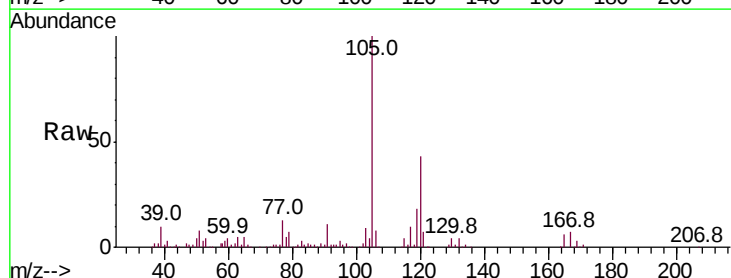
Instrument :
MSVOA_N
ClientSampled :
VN0904WBS02

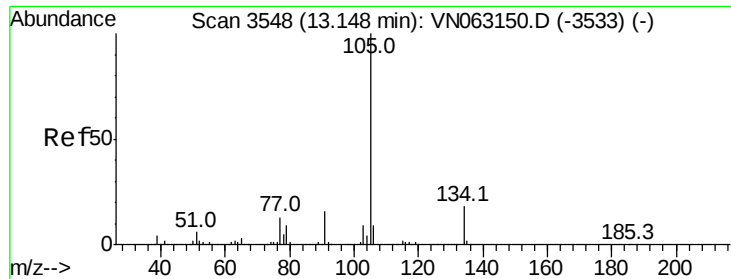
Tot Ion:119 Resp: 170309
Ion Ratio Lower Upper
119 100
91 68.2 33.7 101.0
134 25.0 12.0 36.0



#84
1,2,4-Trimethylbenzene
Concen: 17.677 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. -0.00 min
Lab File: VN063263.D
Acq: 5 Sep 2020 2:48

Tgt Ion:105 Resp: 225218
Ion Ratio Lower Upper
105 100
120 43.8 22.6 67.7

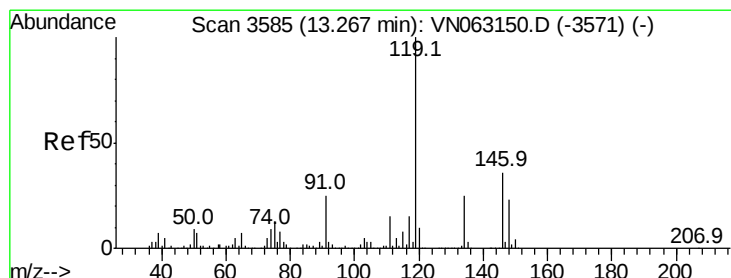
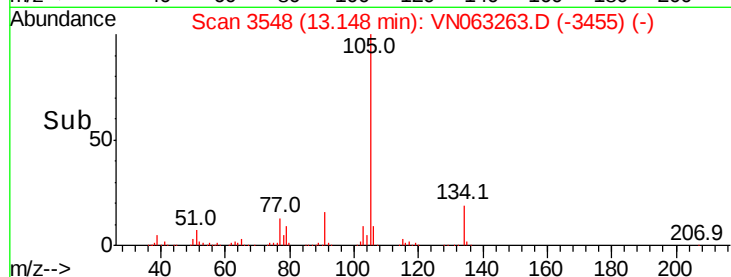
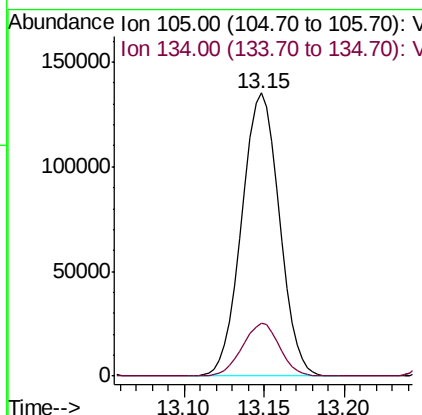
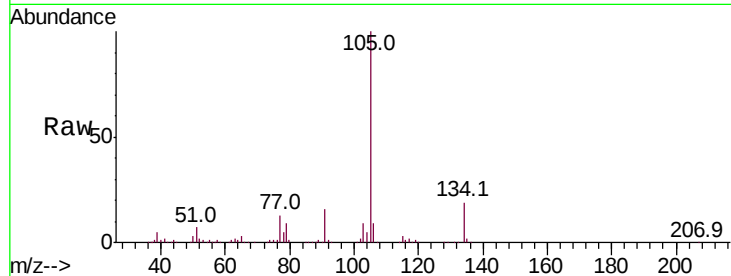




#85
 sec-Butylbenzene
 Concen: 15.308 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. -0.00 min
 Lab File: VN063263.D
 Acq: 5 Sep 2020 2:48

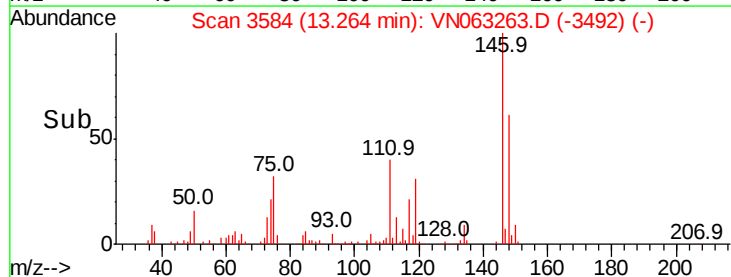
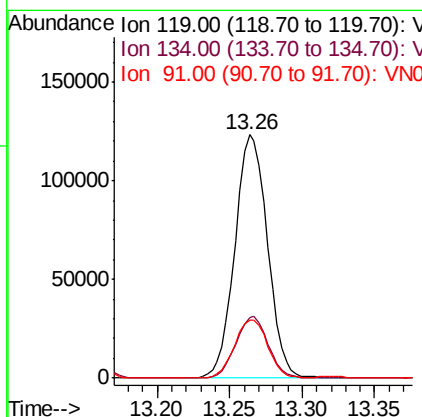
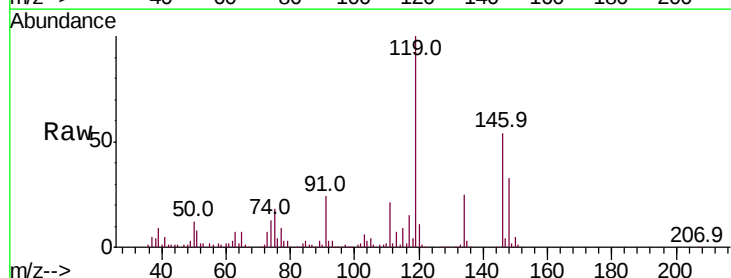
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBS02

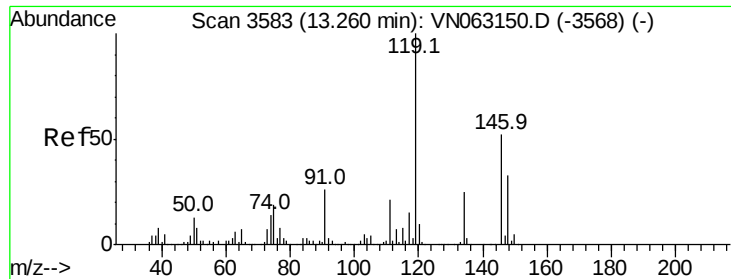
Tot Ion:105 Resp: 216272
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.4 28.3



#86
 p-Isopropyltoluene
 Concen: 15.331 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063263.D
 Acq: 5 Sep 2020 2:48

Tgt Ion:119 Resp: 192296
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.4 37.4
 91 24.6 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 18.950 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

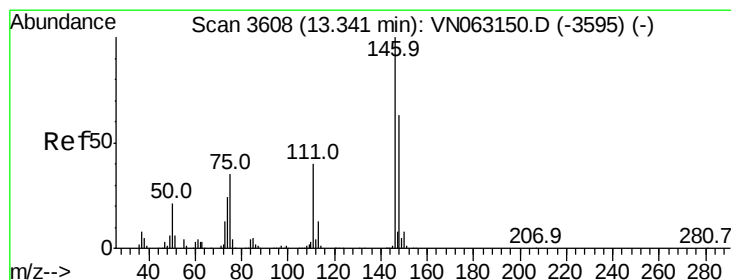
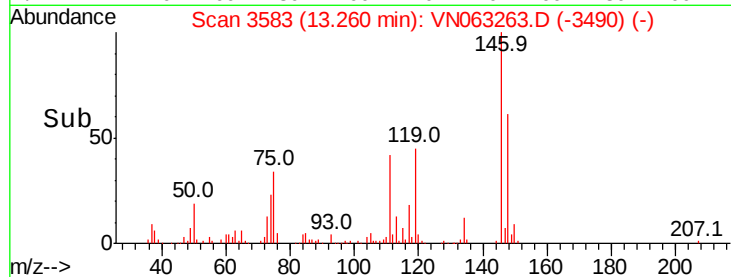
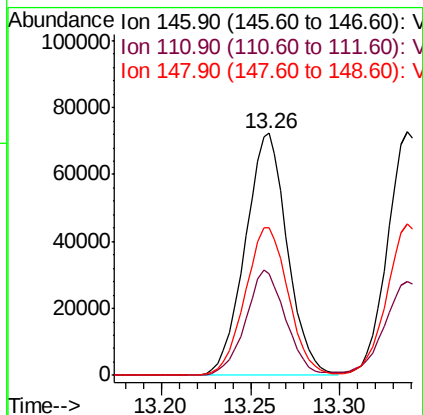
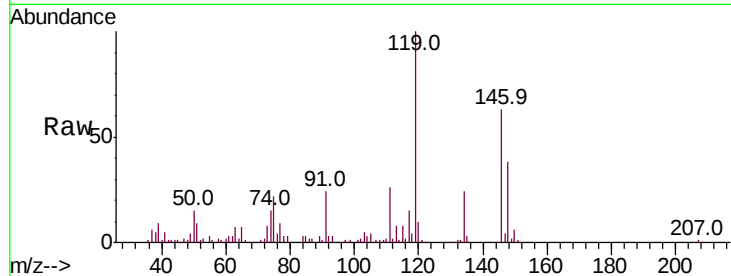
Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS02

Tot Ion:146 Resp: 119558

Ion	Ratio	Lower	Upper
146	100		
111	41.2	21.3	63.7
148	62.7	31.9	95.9



#88

1,4-Dichlorobenzene

Concen: 18.641 ug/l

RT: 13.34 min Scan# 3607

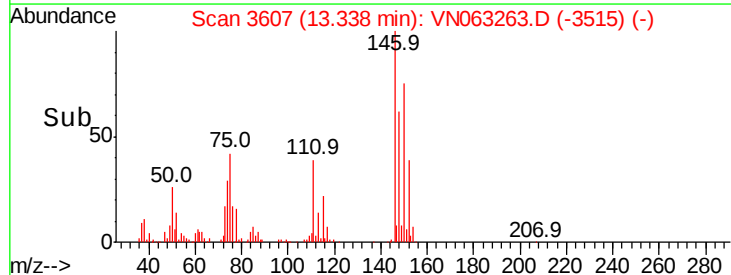
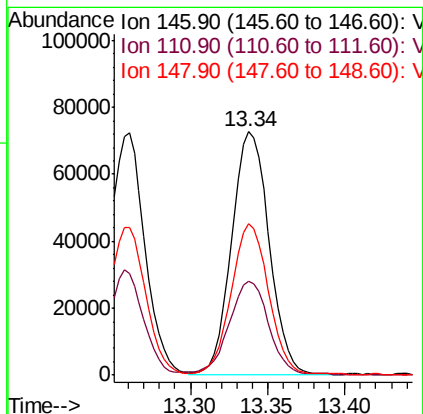
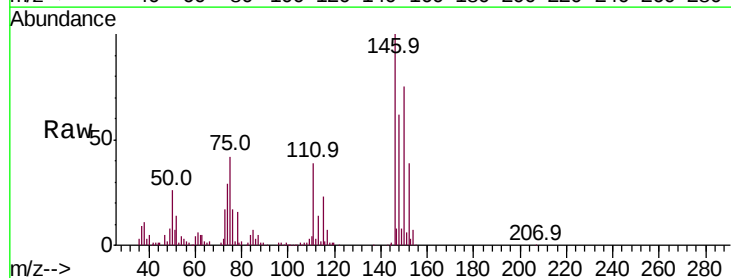
Delta R.T. -0.00 min

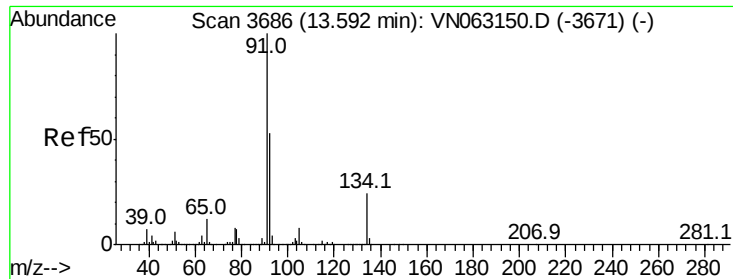
Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

Tgt Ion:146 Resp: 121778

Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.5	61.5
148	62.4	31.9	95.7





#89

n-Butylbenzene

Concen: 13.604 ug/l

RT: 13.59 min Scan# 3686

Delta R.T. -0.00 min

Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

Instrument :

MSVOA_N

ClientSampled :

VN0904WBS02

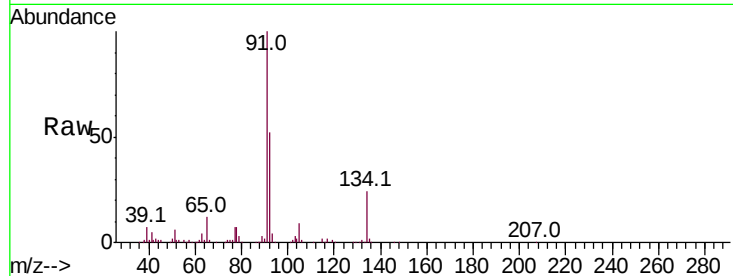
Tot Ion: 91 Resp: 157643

Ion Ratio Lower Upper

91 100

92 52.6 26.3 78.8

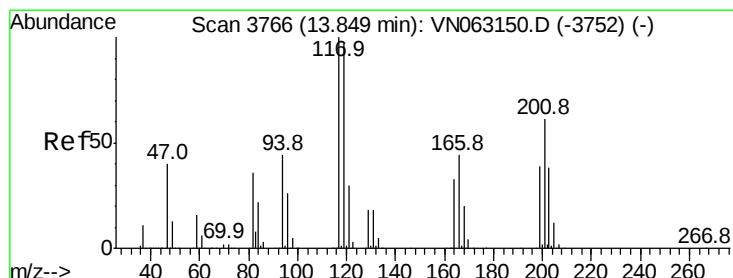
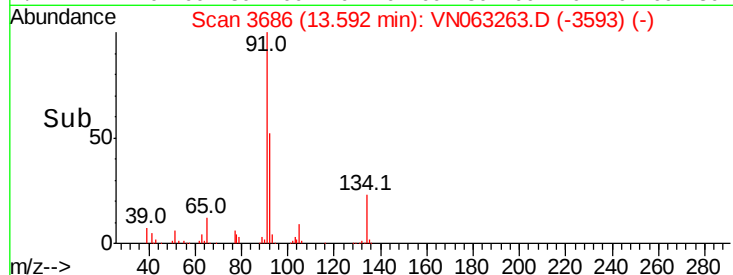
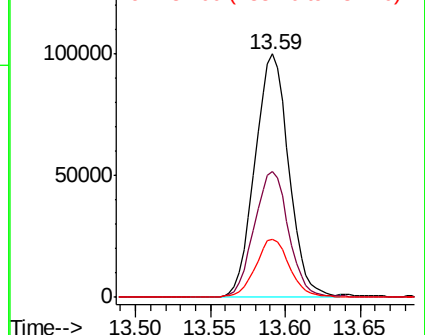
134 24.1 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN063150.D (-3671) (-)

Ion 92.00 (91.70 to 92.70): VN063150.D (-3671) (-)

Ion 134.00 (133.70 to 134.70): VN063150.D (-3671) (-)



#90

Hexachloroethane

Concen: 13.861 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063263.D

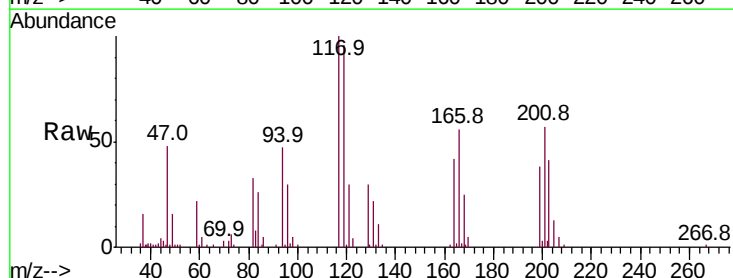
Acq: 5 Sep 2020 2:48

Tgt Ion: 117 Resp: 32183

Ion Ratio Lower Upper

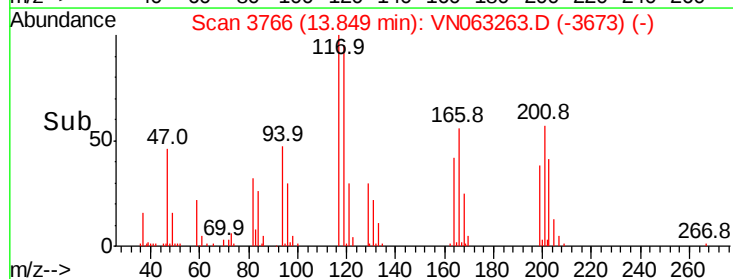
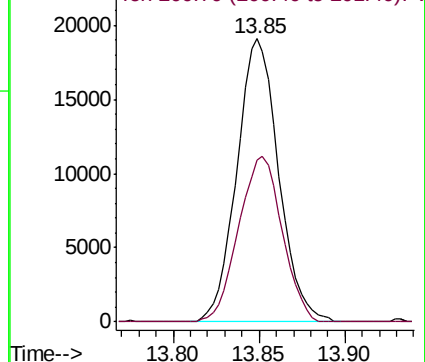
117 100

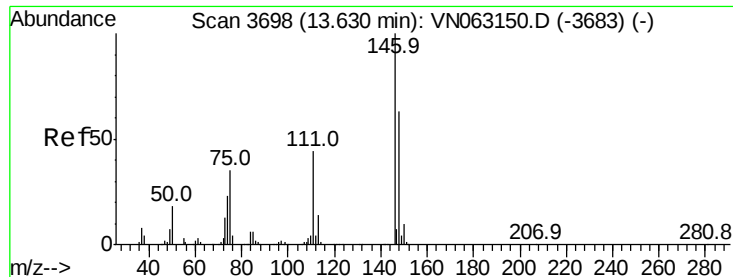
201 60.9 30.6 92.0



Abundance Ion 116.80 (116.50 to 117.50): VN063150.D (-3752) (-)

Ion 200.70 (200.40 to 201.40): VN063150.D (-3752) (-)





#91

1,2-Dichlorobenzene

Concen: 19.717 ug/l

RT: 13.63 min Scan# 3698

Delta R.T. -0.00 min

Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBS02

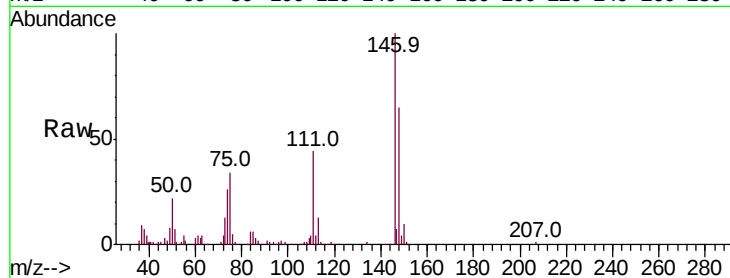
Tot Ion:146 Resp: 120713

Ion Ratio Lower Upper

146 100

111 43.4 22.0 66.0

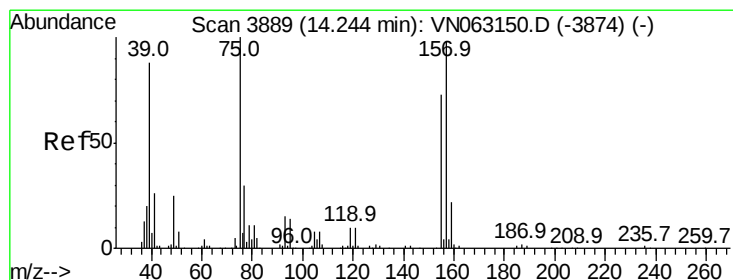
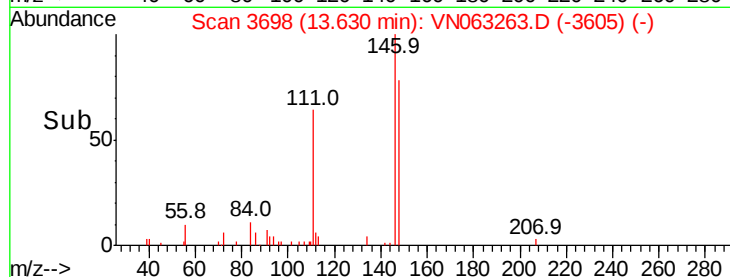
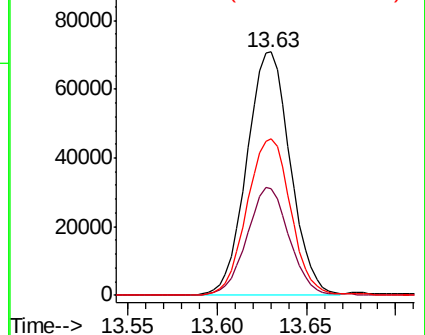
148 65.3 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.665 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. -0.00 min

Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

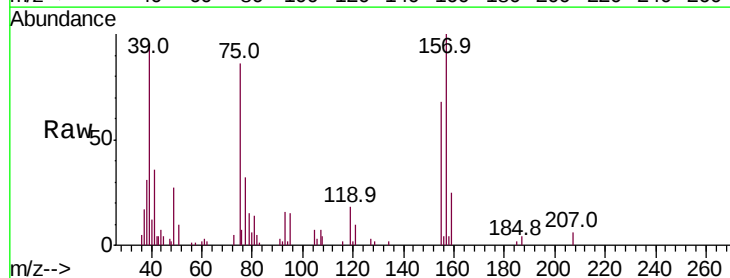
Tgt Ion: 75 Resp: 17965

Ion Ratio Lower Upper

75 100

155 79.2 36.1 108.5

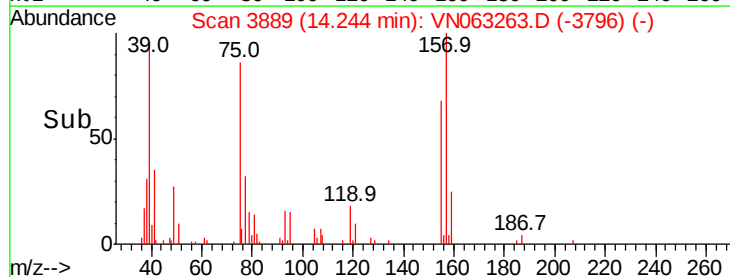
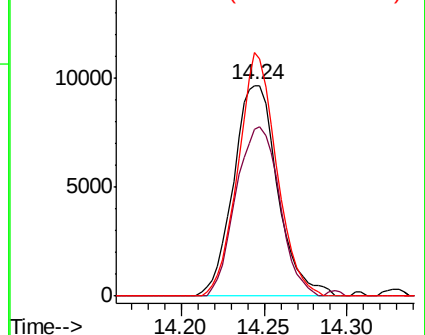
157 100.2 48.4 145.0

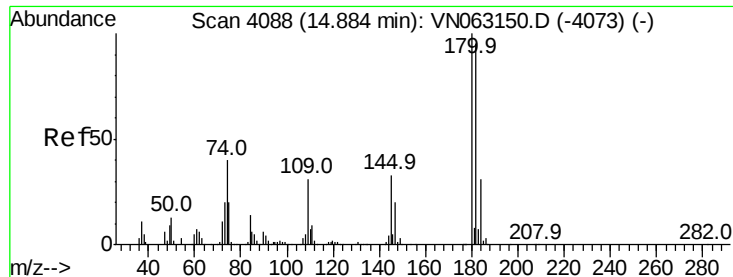


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

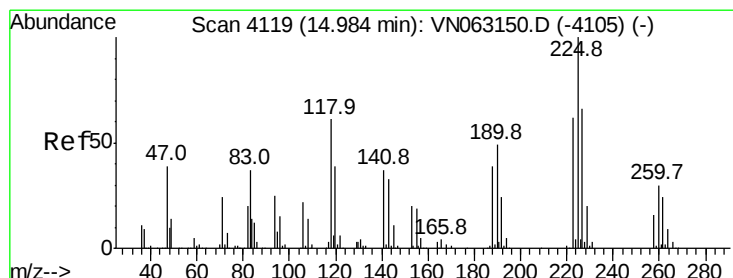
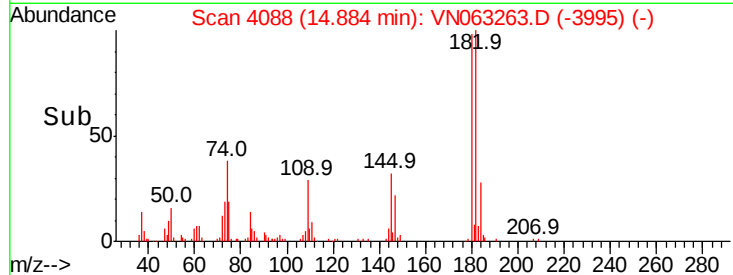
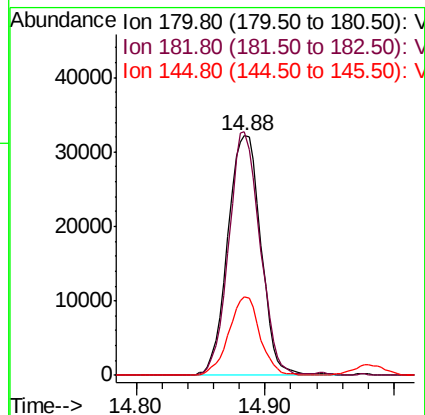
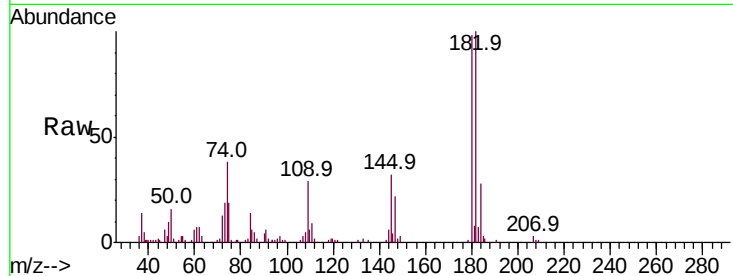




#93
 1,2,4-Trichlorobenzene
 Concen: 16.773 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. -0.00 min
 Lab File: VN063263.D
 Acq: 5 Sep 2020 2:48

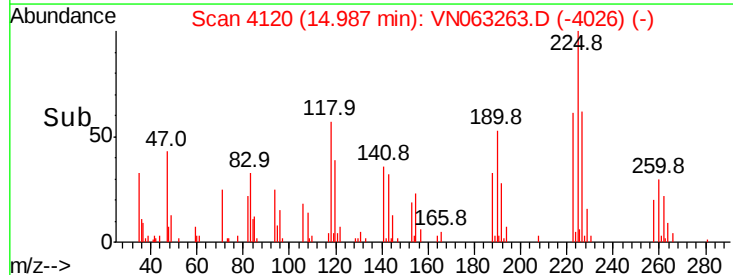
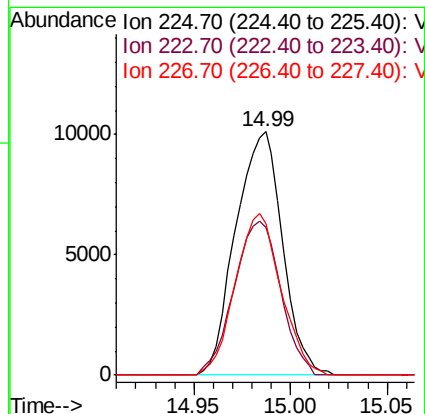
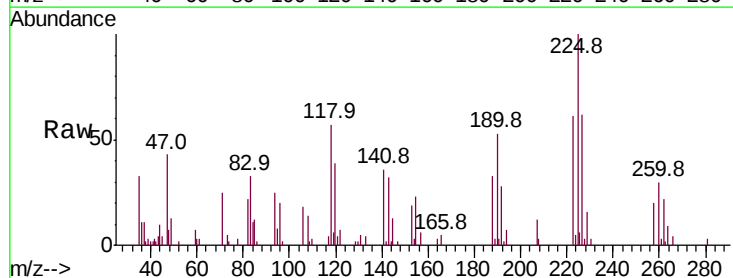
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBS02

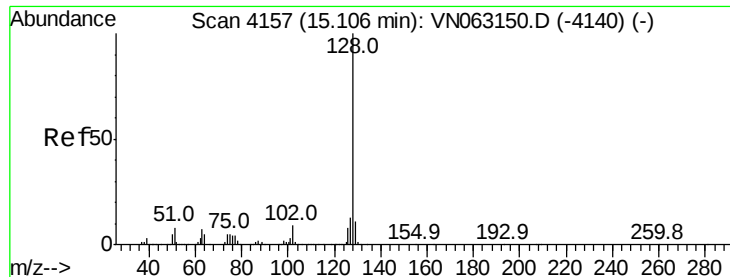
Tot Ion:180 Resp: 57373
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.5 142.5
 145 30.7 16.6 49.8



#94
 Hexachlorobutadiene
 Concen: 13.305 ug/l
 RT: 14.99 min Scan# 4120
 Delta R.T. 0.00 min
 Lab File: VN063263.D
 Acq: 5 Sep 2020 2:48

Tgt Ion:225 Resp: 17001
 Ion Ratio Lower Upper
 225 100
 223 63.1 30.9 92.7
 227 64.8 32.9 98.7





#95

Naphthalene

Concen: 19.814 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. -0.00 min

Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBS02

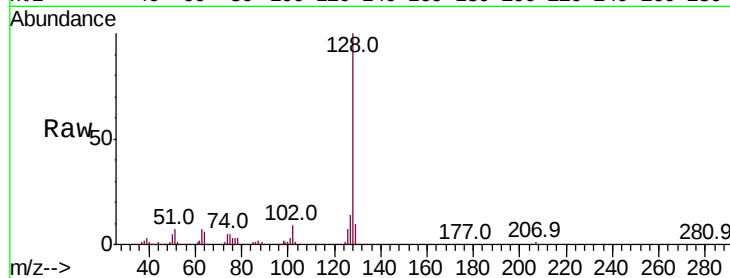
Tot Ion:128 Resp: 226117

Ion Ratio Lower Upper

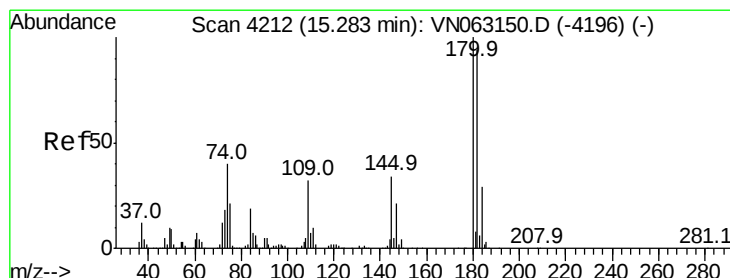
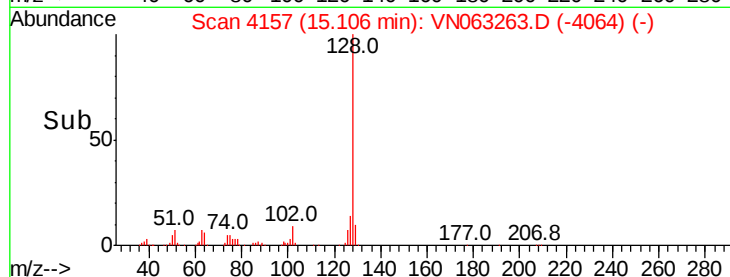
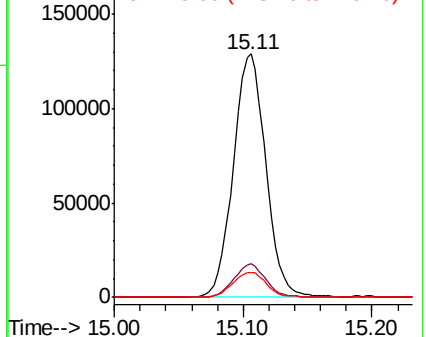
128 100

127 13.6 10.5 15.7

129 10.7 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: 16.881 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063263.D

Acq: 5 Sep 2020 2:48

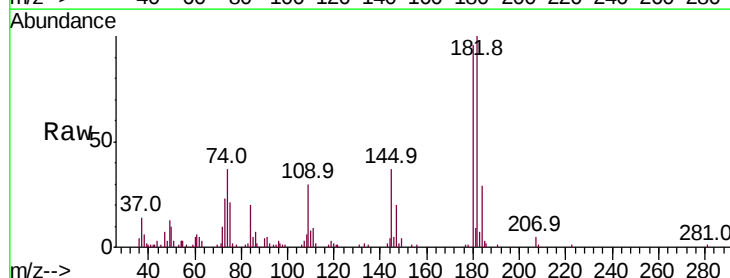
Tgt Ion:180 Resp: 56254

Ion Ratio Lower Upper

180 100

182 97.3 47.5 142.5

145 36.2 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

