

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081020\
 Data File : VN062810.D
 Acq On : 10 Aug 2020 15:45
 Operator : JC/MD
 Sample : L3618-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB179-DUP-20200805

Quant Time: Aug 11 06:55:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

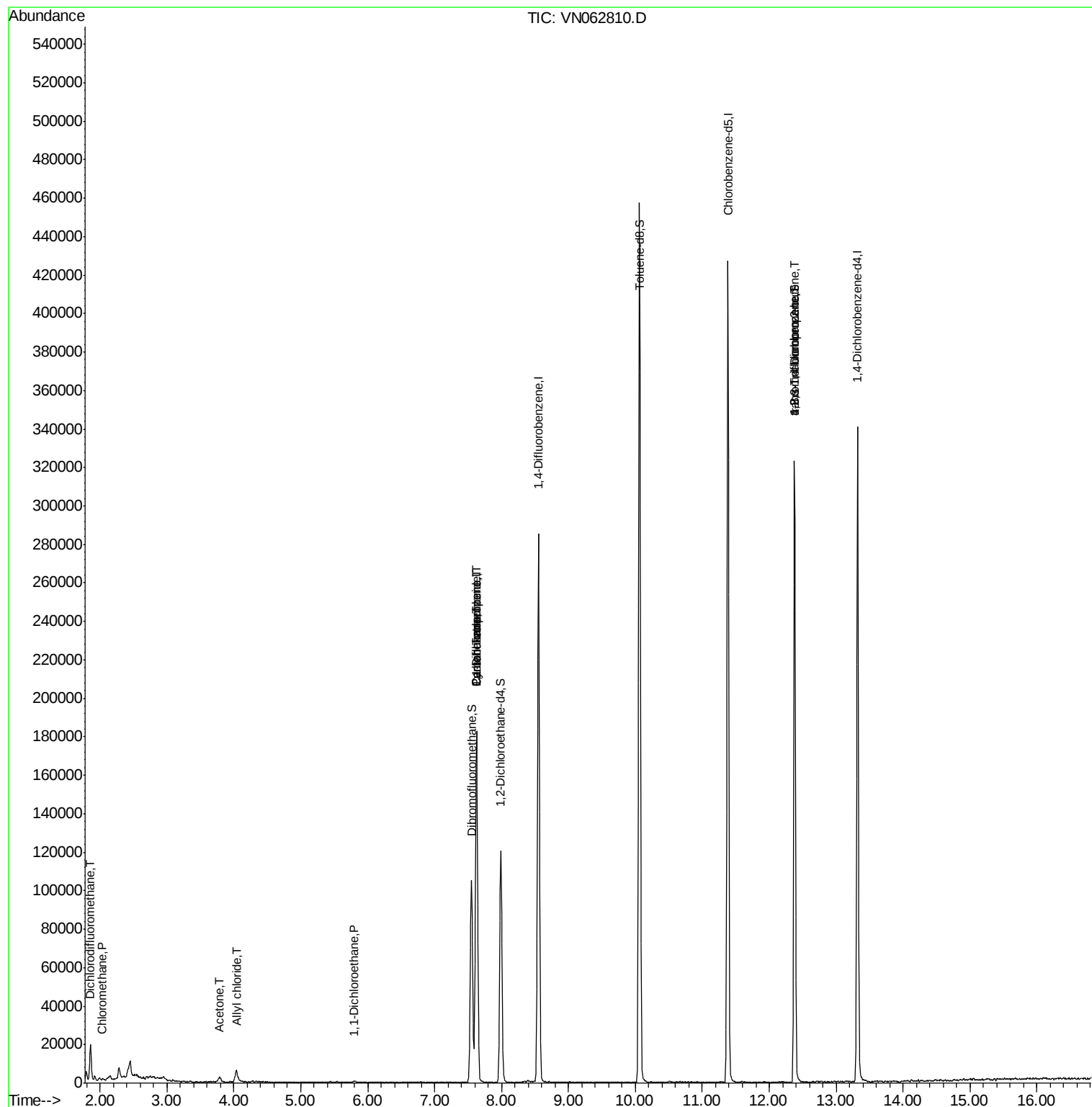
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	139472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	243648	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	243960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	88141	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	113089	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
35) Dibromofluoromethane	7.55	113	81362	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
50) Toluene-d8	10.06	98	315234	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
62) 4-Bromofluorobenzene	12.38	95	116600	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.86	85	423	0.212	ug/l #	42
3) Chloromethane	2.04	50	584	0.310	ug/l #	83
14) Allyl chloride	4.04	41	621	0.254	ug/l #	68
16) Acetone	3.79	43	4551	5.461	ug/l	92
17) Carbon Disulfide	4.00	76	131	Below Cal	#	74
18) Methyl Acetate	4.29	43	1174	Below Cal	#	52
20) Methylene Chloride	4.47	84	93	Below Cal	#	5
24) 1,1-Dichloroethane	5.79	63	1272	0.418	ug/l #	84
31) Cyclohexane	7.63	56	3089	1.105	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	11744	4.950	ug/l #	52
38) Carbon Tetrachloride	7.63	117	14440	5.146	ug/l #	14
76) 1,2,3-Trichloropropane	12.38	75	63379	26.663	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	63379	81.394	ug/l #	10

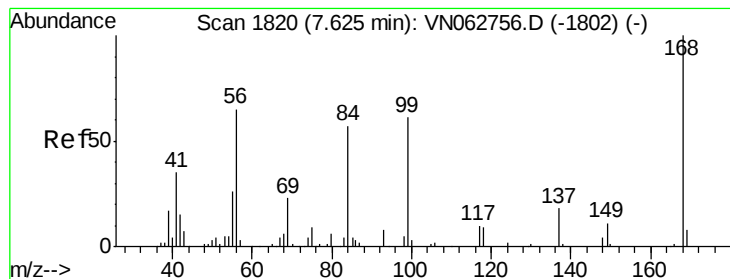
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081020\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062810.D

Acq: 10 Aug 2020 15:45

Instrument :

MSVOA_N

ClientSampleId :

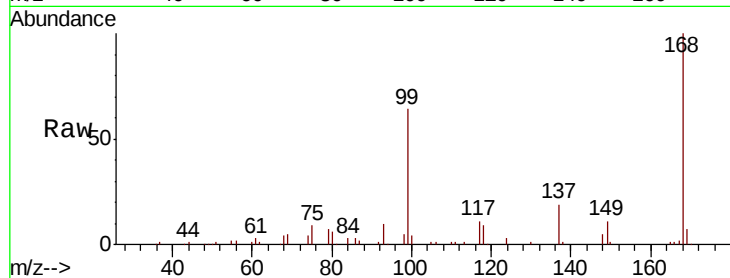
BP-VPB179-DUP-20200805

Tot Ion:168 Resp: 139472

Ion Ratio Lower Upper

168 100

99 64.0 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): VN062756.D (-1802) (-)

Ion 98.90 (98.60 to 99.60): VN062756.D (-1802) (-)

7.63

60000

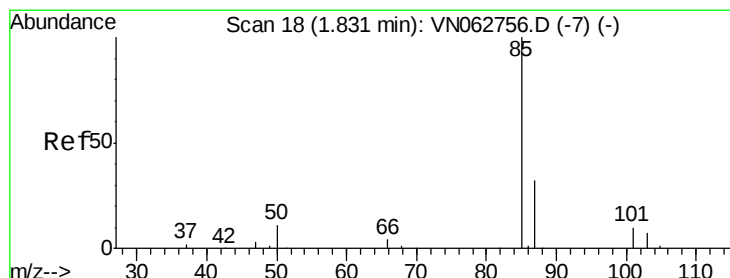
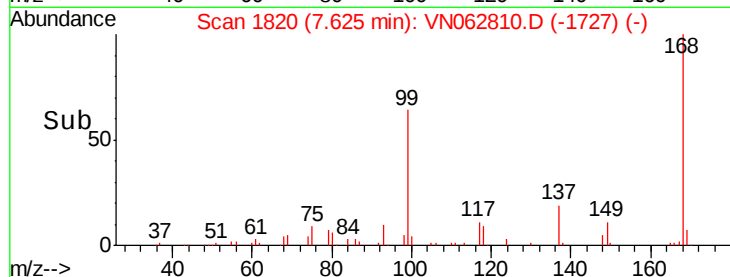
40000

20000

0

Time-->

7.55 7.60 7.65 7.70



#2

Dichlorodifluoromethane

Concen: 0.212 ug/l

RT: 1.86 min Scan# 27

Delta R.T. 0.03 min

Lab File: VN062810.D

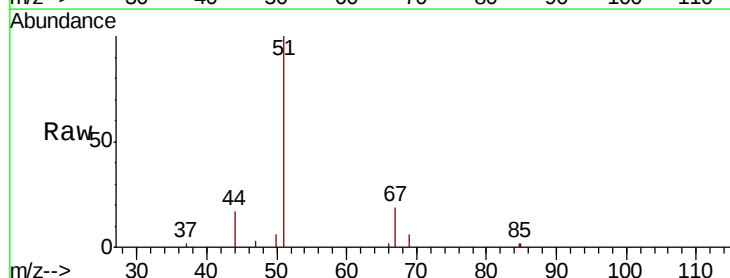
Acq: 10 Aug 2020 15:45

Tgt Ion: 85 Resp: 423

Ion Ratio Lower Upper

85 100

87 0.0 16.2 48.6#



Abundance Ion 84.90 (84.60 to 85.60): VN062756.D (-7) (-)

Ion 86.90 (86.60 to 87.60): VN062756.D (-7) (-)

1.86

500

400

300

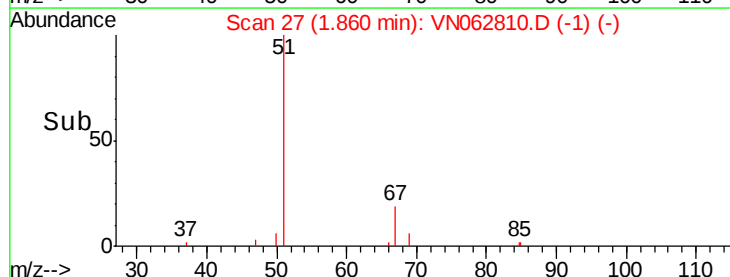
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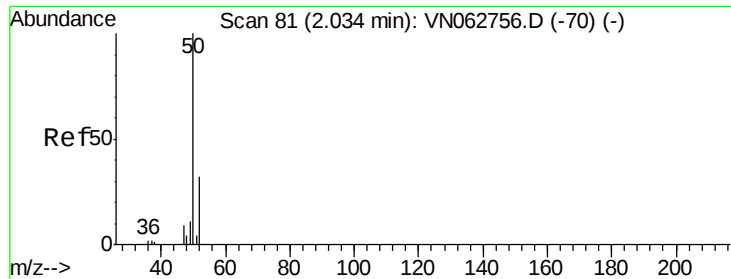
100

0

Time-->

1.82 1.84 1.86 1.88





#3

Chloromethane

Concen: 0.310 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062810.D

Acq: 10 Aug 2020 15:45

Instrument :

MSVOA_N

ClientSampleId :

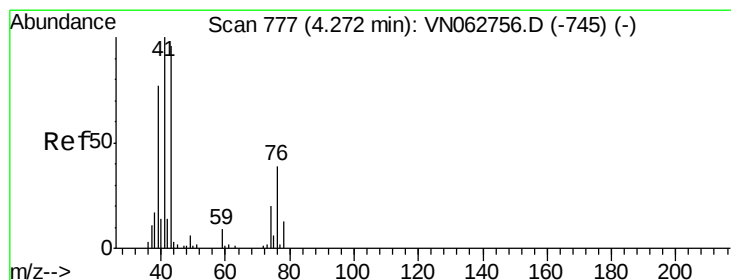
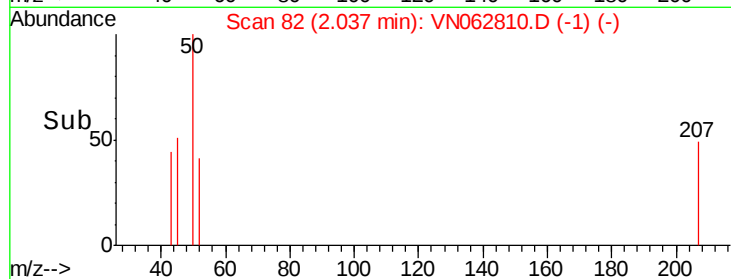
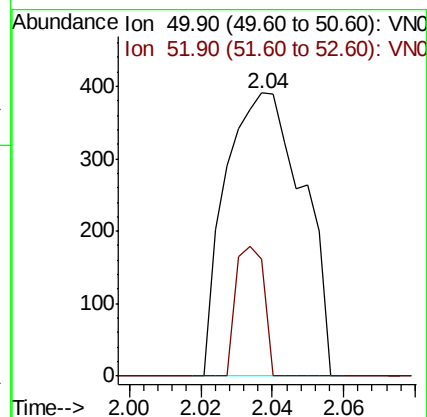
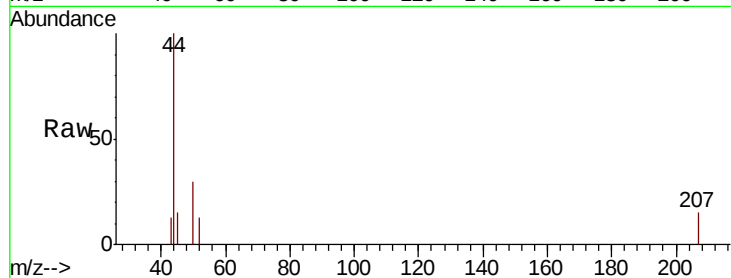
BP-VPB179-DUP-20200805

Tot Ion: 50 Resp: 584

Ion Ratio Lower Upper

50 100

52 41.4 25.6 38.4#



#14

Allyl chloride

Concen: 0.254 ug/l

RT: 4.04 min Scan# 704

Delta R.T. -0.23 min

Lab File: VN062810.D

Acq: 10 Aug 2020 15:45

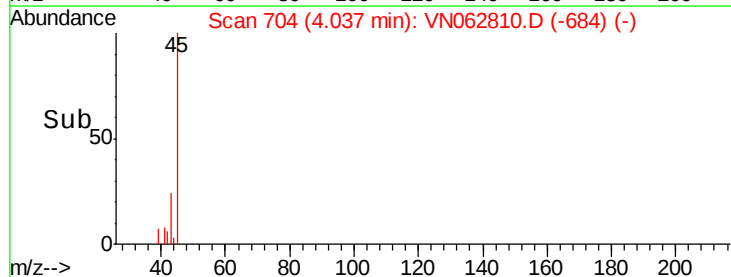
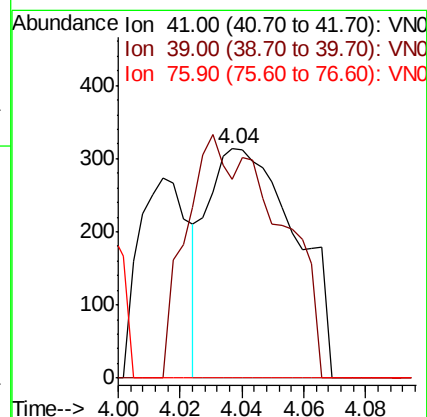
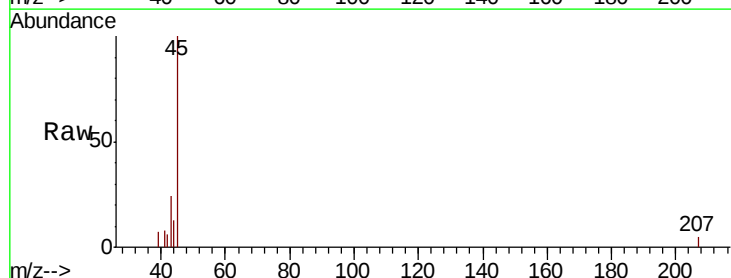
Tgt Ion: 41 Resp: 621

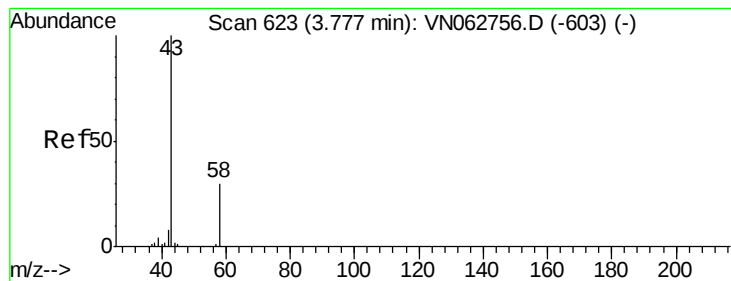
Ion Ratio Lower Upper

41 100

39 55.2 55.7 83.5#

76 0.0 27.5 41.3#





#16

Acetone

Concen: 5.461 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN062810.D

Acq: 10 Aug 2020 15:45

Instrument :

MSVOA_N

ClientSampleId :

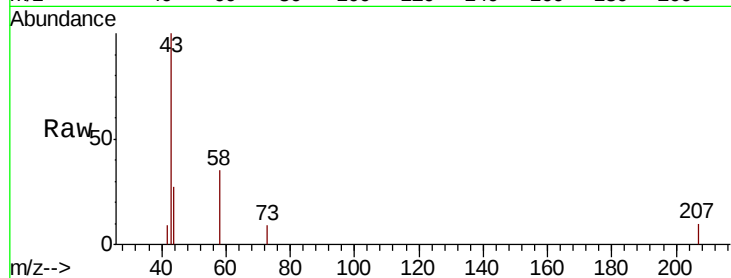
BP-VPB179-DUP-20200805

Tot Ion: 43 Resp: 4551

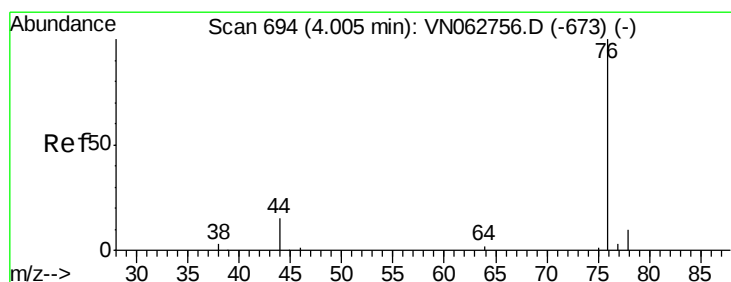
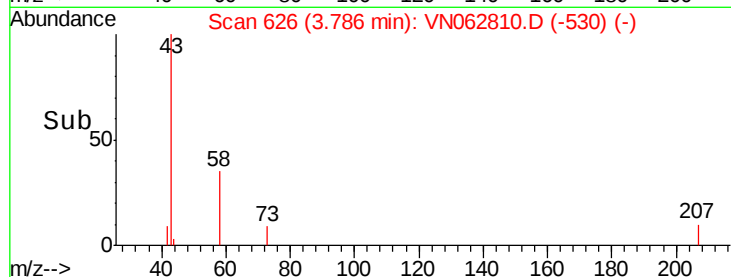
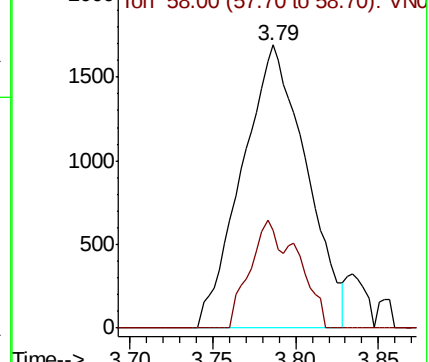
Ion Ratio Lower Upper

43 100

58 34.6 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VN062810.D (-530) (-)



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.00 min Scan# 692

Delta R.T. -0.01 min

Lab File: VN062810.D

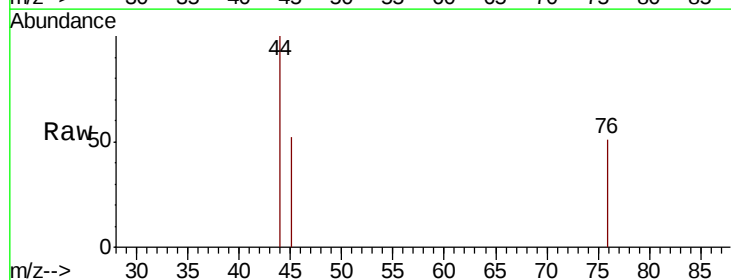
Acq: 10 Aug 2020 15:45

Tgt Ion: 76 Resp: 131

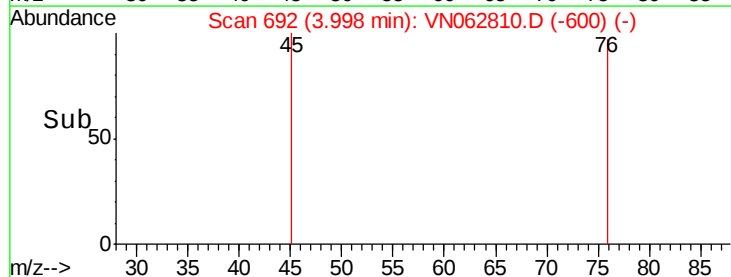
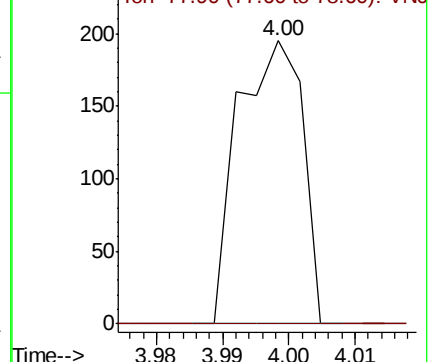
Ion Ratio Lower Upper

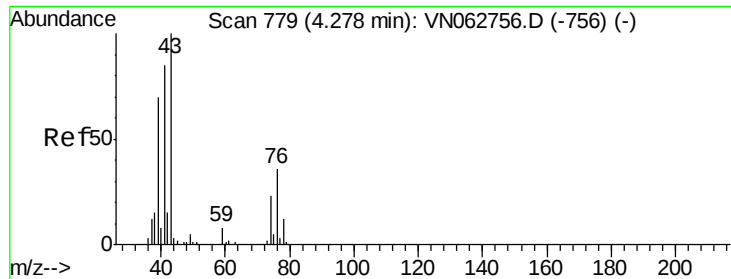
76 100

78 0.0 7.7 11.5#



Abundance Ion 75.90 (75.60 to 76.60): VN062810.D (-600) (-)

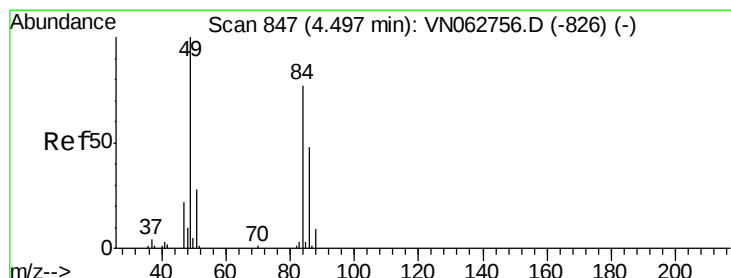
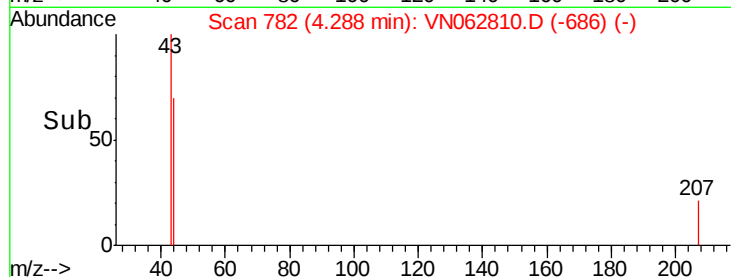
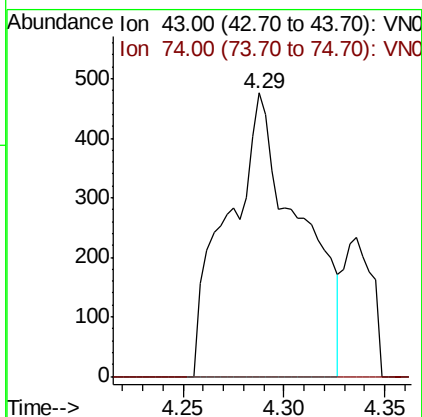
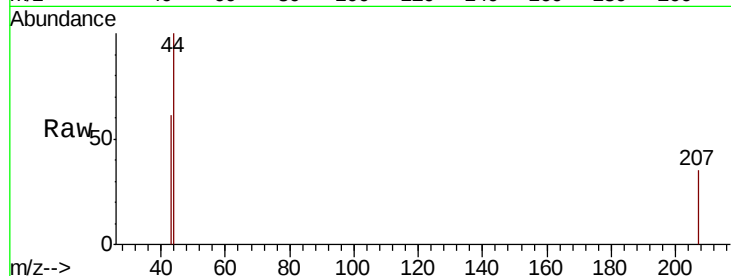




#18
Methyl Acetate
Concen: Below Cal
RT: 4.29 min Scan# 782
Delta R.T. 0.01 min
Lab File: VN062810.D
Acq: 10 Aug 2020 15:45

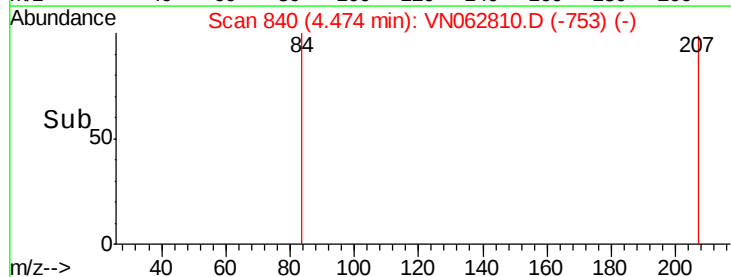
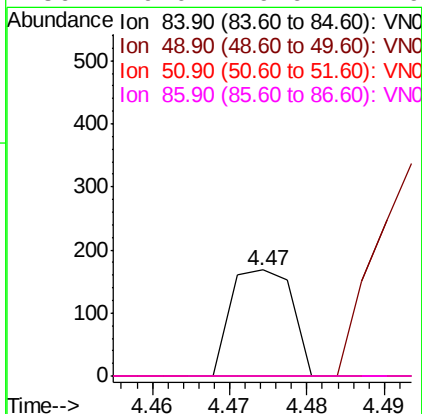
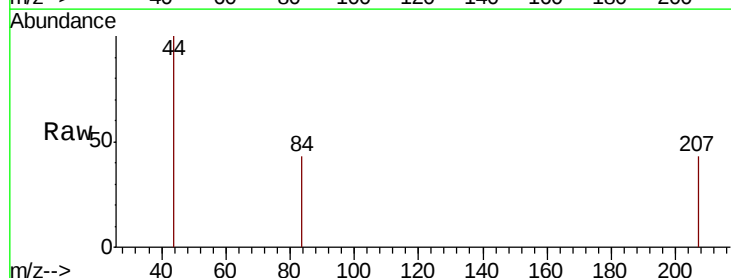
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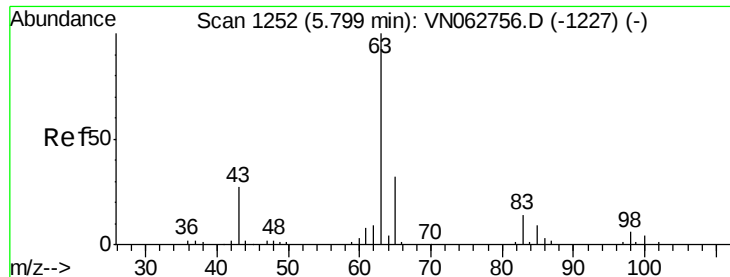
Tot Ion: 43 Resp: 1174
Ion Ratio Lower Upper
43 100
74 0.0 18.6 28.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.47 min Scan# 840
Delta R.T. -0.02 min
Lab File: VN062810.D
Acq: 10 Aug 2020 15:45

Tgt Ion: 84 Resp: 93
Ion Ratio Lower Upper
84 100
49 0.0 103.4 155.2#
51 0.0 29.3 43.9#
86 0.0 49.9 74.9#

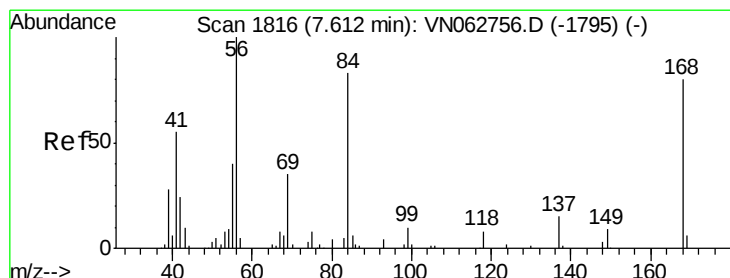
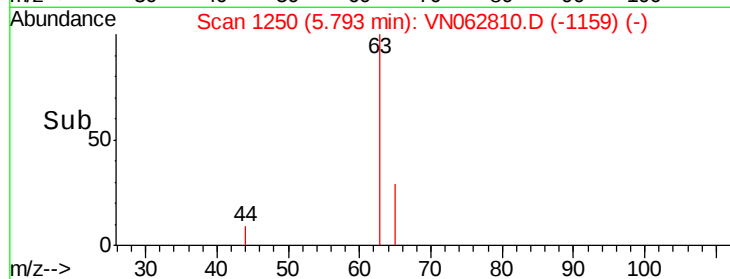
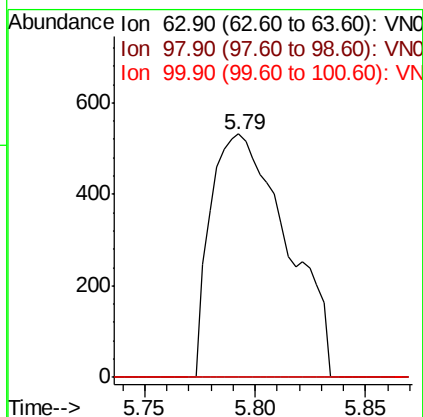
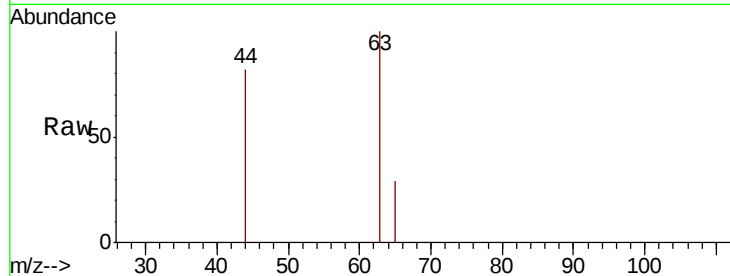




#24
 1,1-Dichloroethane
 Concen: 0.418 ug/l
 RT: 5.79 min Scan# 1250
 Delta R.T. -0.01 min
 Lab File: VN062810.D
 Acq: 10 Aug 2020 15:45

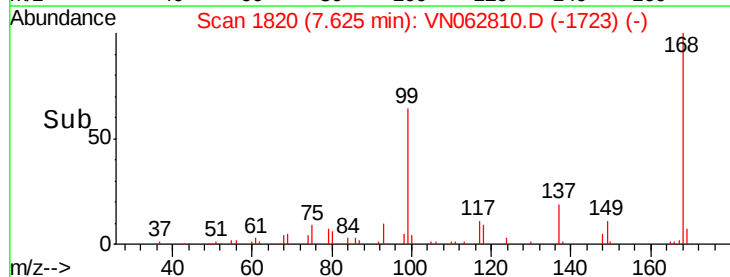
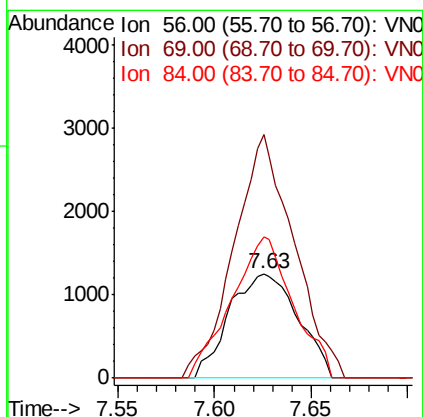
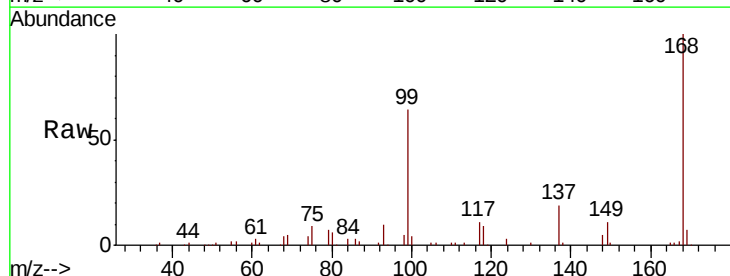
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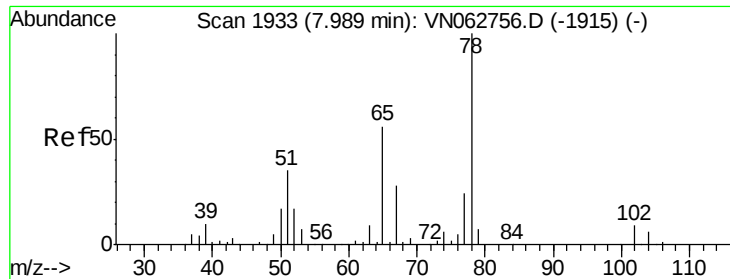
Tot Ion: 63 Resp: 1272
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.0 9.2#
 100 0.0 1.9 5.7#



#31
 Cyclohexane
 Concen: 1.105 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. 0.01 min
 Lab File: VN062810.D
 Acq: 10 Aug 2020 15:45

Tgt Ion: 56 Resp: 3089
 Ion Ratio Lower Upper
 56 100
 69 221.2 28.1 42.1#
 84 135.4 66.8 100.2#

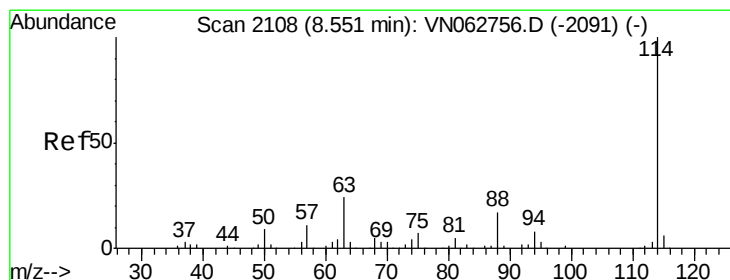
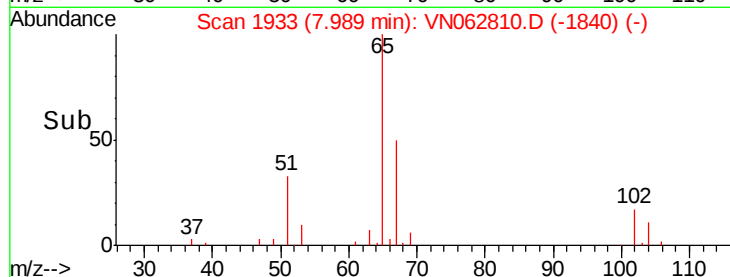
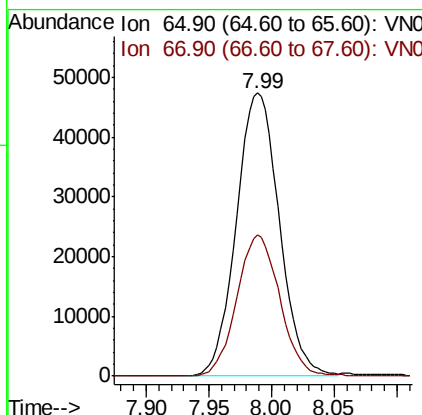
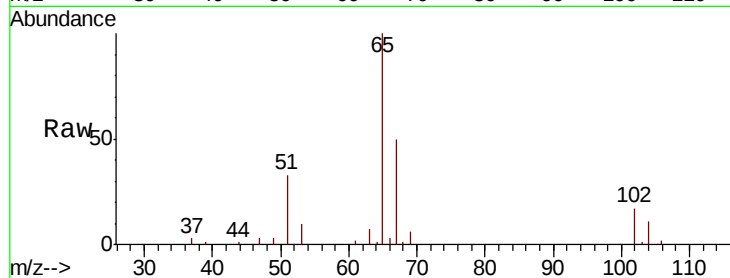




#33
 1,2-Dichloroethane-d4
 Concen: 49.032 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062810.D
 Acq: 10 Aug 2020 15:45

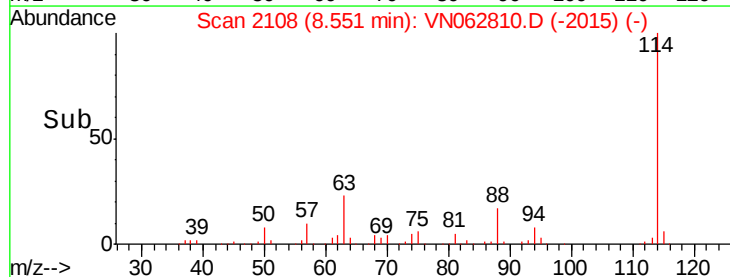
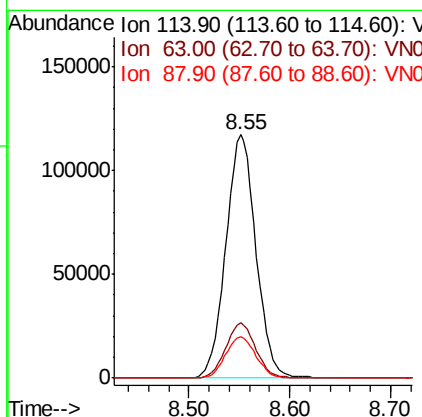
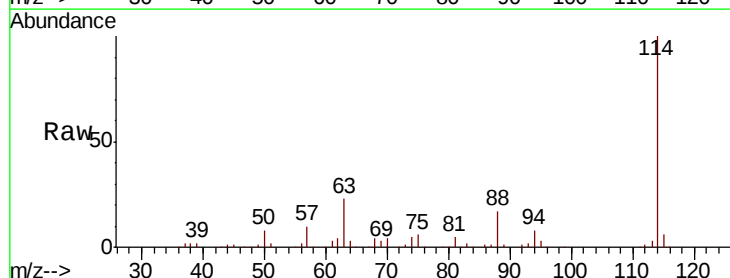
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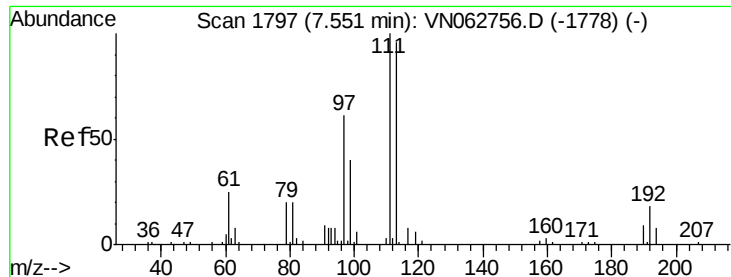
Tot Ion: 65 Resp: 113089
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062810.D
 Acq: 10 Aug 2020 15:45

Tgt Ion: 114 Resp: 243648
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 47.6
 88 17.1 0.0 34.4

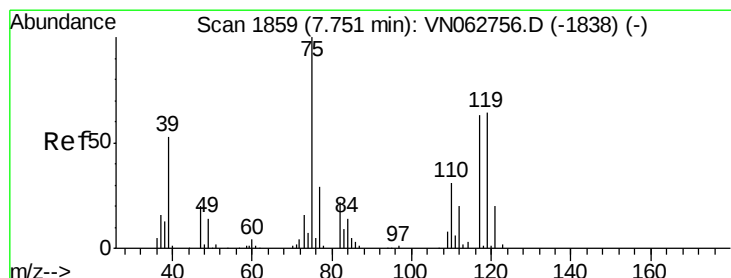
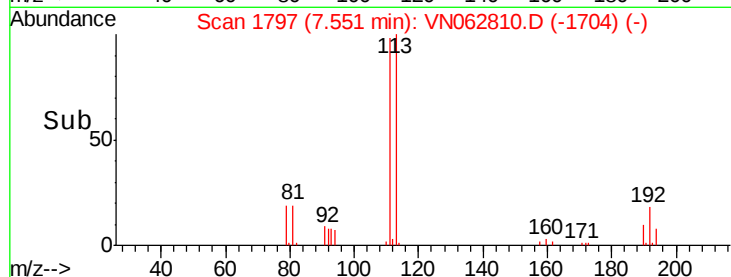
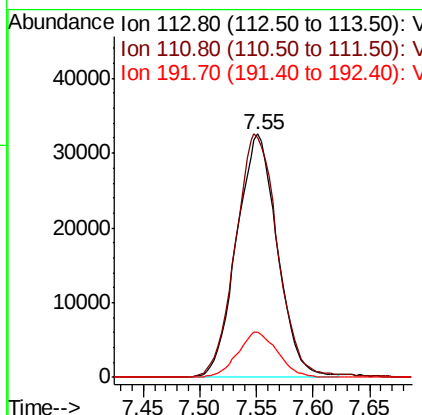
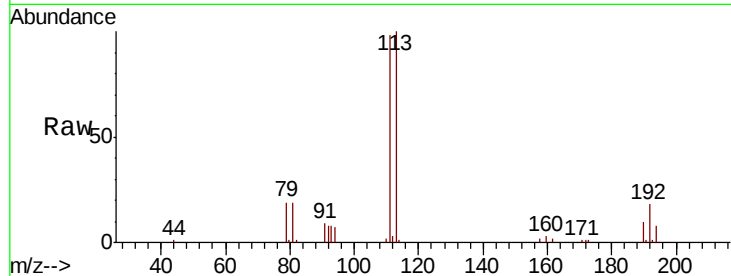




#35
 Dibromofluoromethane
 Concen: 48.817 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: VN062810.D
 Acq: 10 Aug 2020 15:45

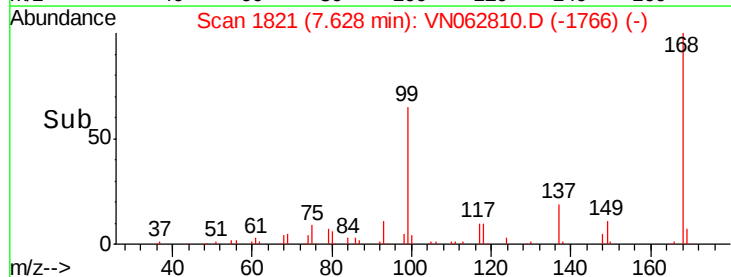
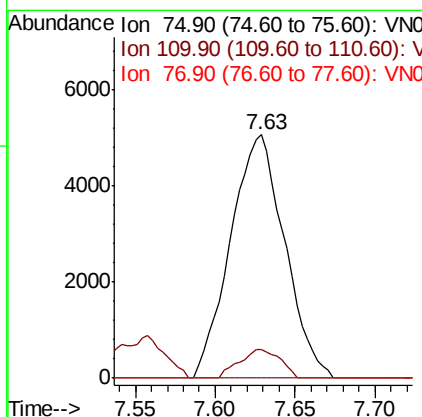
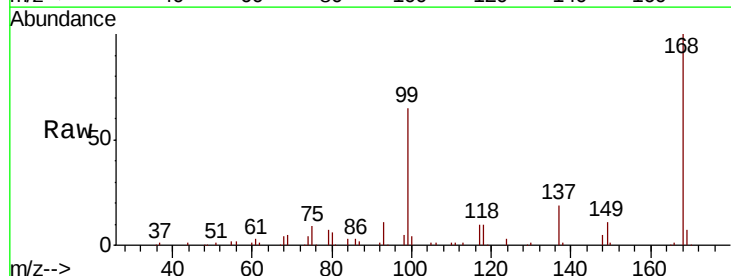
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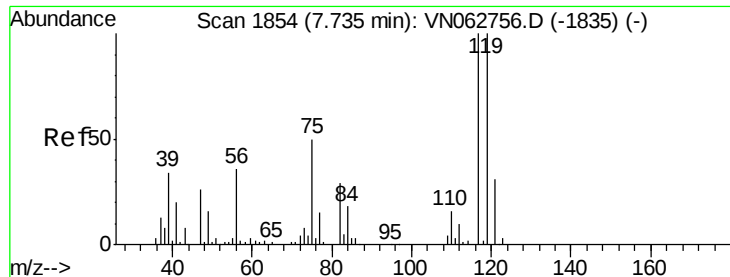
Tot Ion:113 Resp: 81362
 Ion Ratio Lower Upper
 113 100
 111 104.0 81.8 122.6
 192 18.2 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 4.950 ug/l
 RT: 7.63 min Scan# 1821
 Delta R.T. -0.12 min
 Lab File: VN062810.D
 Acq: 10 Aug 2020 15:45

Tgt Ion: 75 Resp: 11744
 Ion Ratio Lower Upper
 75 100
 110 8.8 15.6 46.7#
 77 0.0 24.1 36.1#





#38

Carbon Tetrachloride

Concen: 5.146 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN062810.D

Acq: 10 Aug 2020 15:45

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB179-DUP-20200805

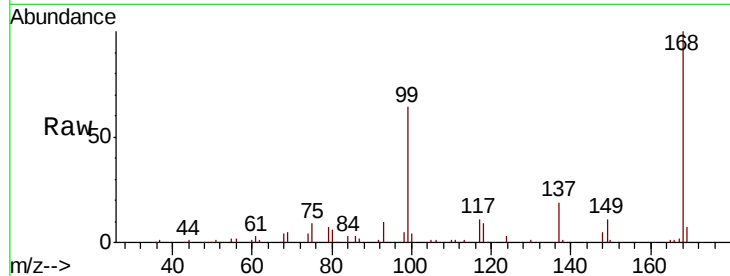
Tot Ion:117 Resp: 14440

Ion Ratio Lower Upper

117 100

119 4.5 79.4 119.2#

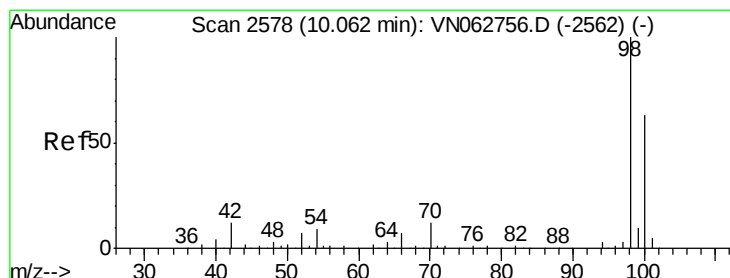
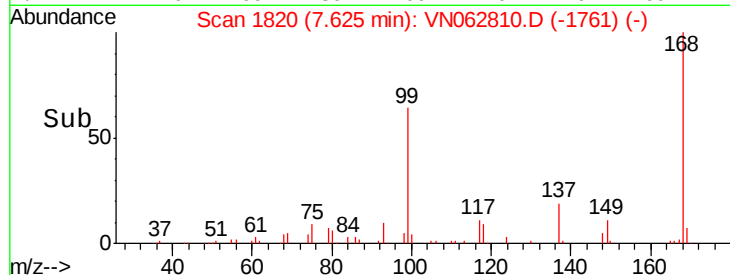
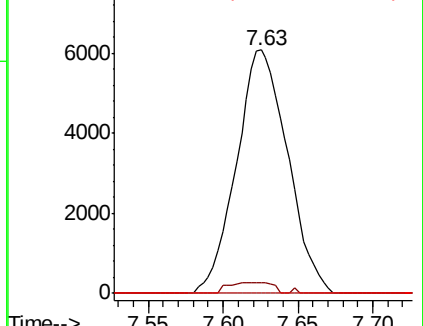
121 0.0 24.9 37.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 48.446 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. -0.00 min

Lab File: VN062810.D

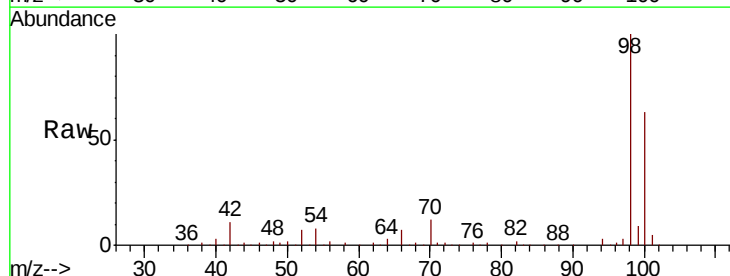
Acq: 10 Aug 2020 15:45

Tgt Ion: 98 Resp: 315234

Ion Ratio Lower Upper

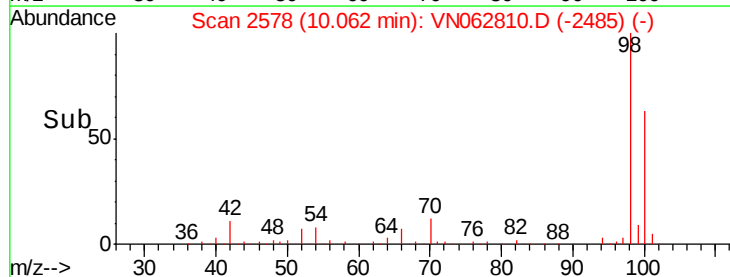
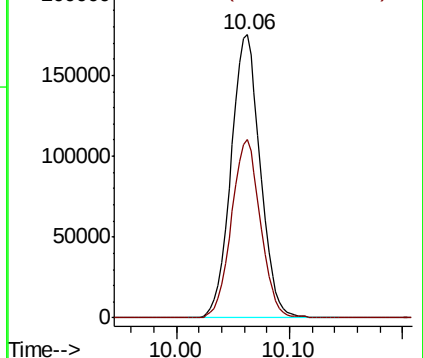
98 100

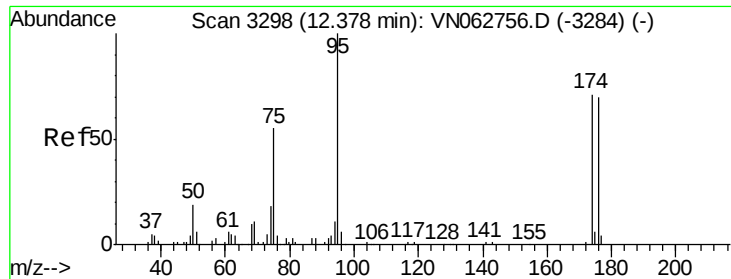
100 62.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

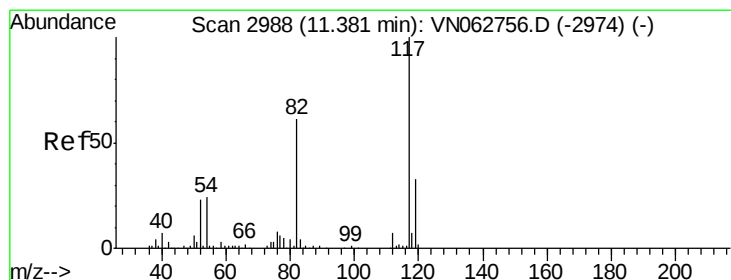
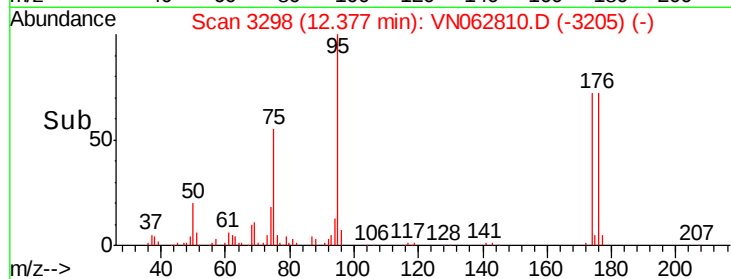
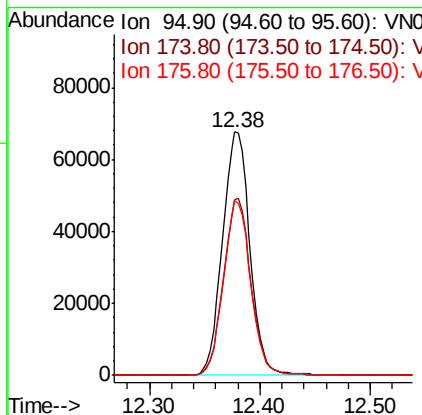
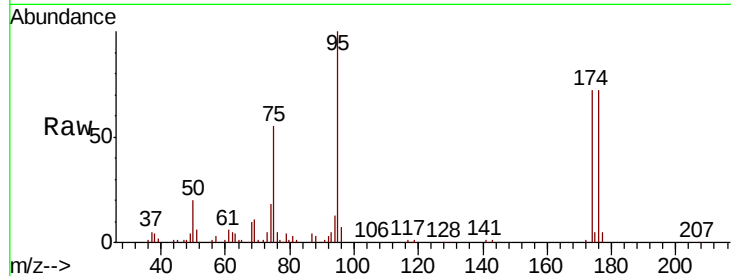




#62
4-Bromofluorobenzene
Concen: 47.419 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062810.D
Acq: 10 Aug 2020 15:45

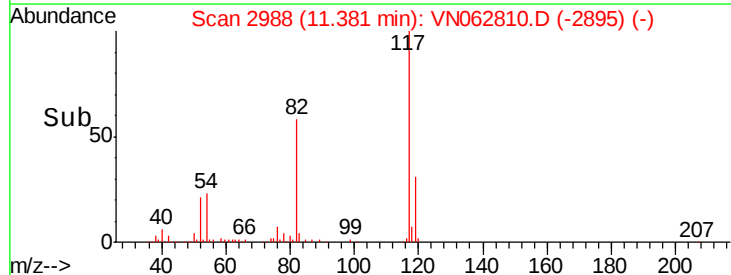
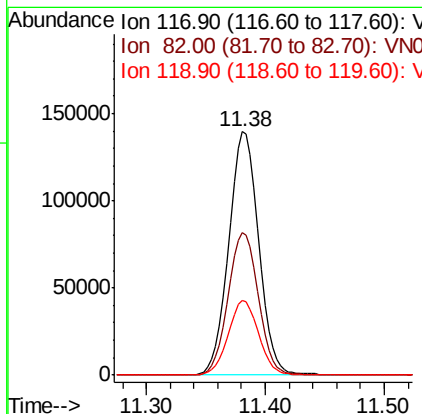
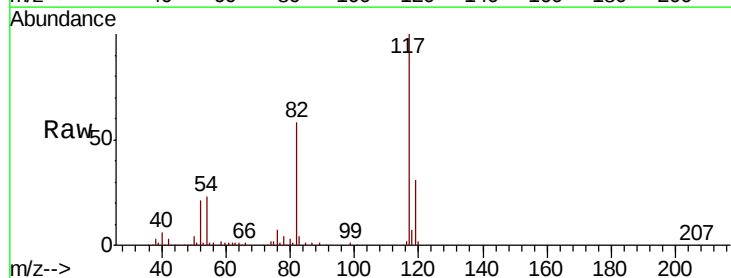
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB179-DUP-20200805

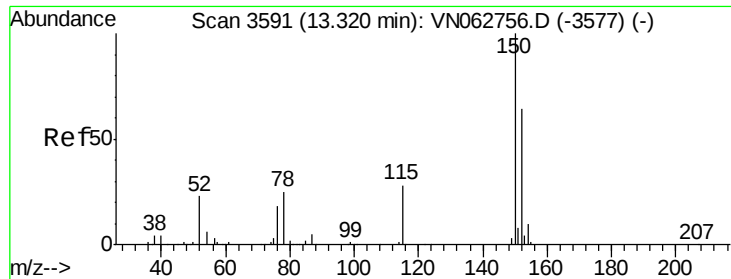
Tot Ion: 95 Resp: 116600
Ion Ratio Lower Upper
95 100
174 73.0 0.0 144.8
176 71.1 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062810.D
Acq: 10 Aug 2020 15:45

Tgt Ion: 117 Resp: 243960
Ion Ratio Lower Upper
117 100
82 58.3 49.0 73.4
119 30.7 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062810.D

Acq: 10 Aug 2020 15:45

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB179-DUP-20200805

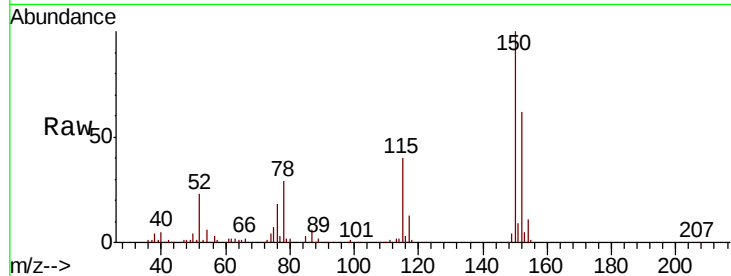
Tot Ion:152 Resp: 88141

Ion Ratio Lower Upper

152 100

115 62.9 31.6 94.8

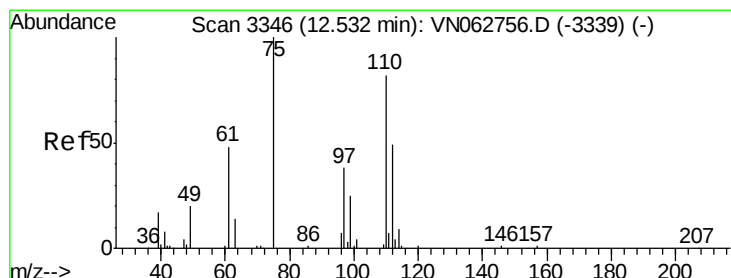
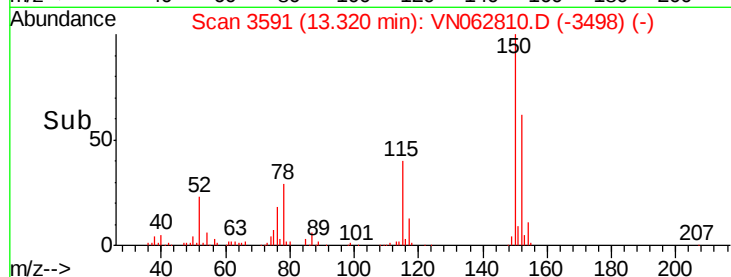
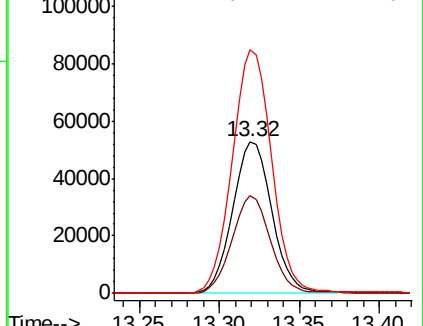
150 161.2 0.0 349.2



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



#76

1,2,3-Trichloropropane

Concen: 26.663 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062810.D

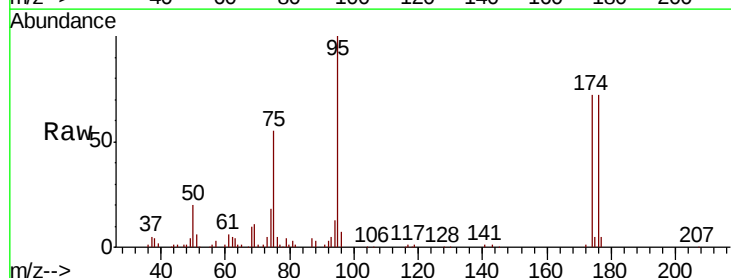
Acq: 10 Aug 2020 15:45

Tgt Ion: 75 Resp: 63379

Ion Ratio Lower Upper

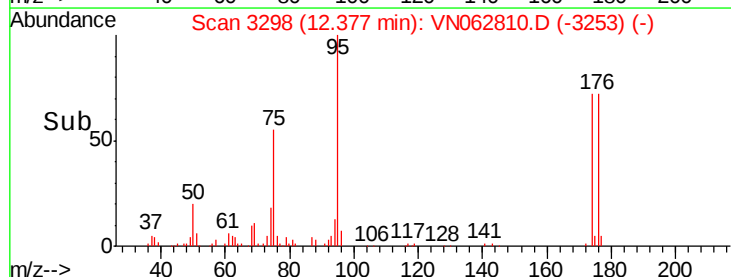
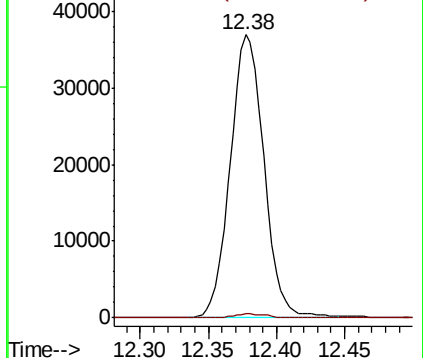
75 100

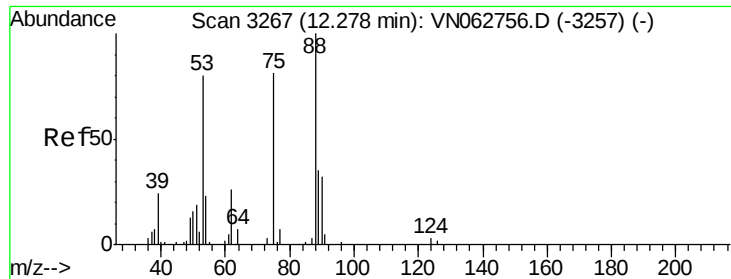
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 81.394 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062810.D

Acq: 10 Aug 2020 15:45

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB179-DUP-20200805

Tot Ion: 75 Resp: 63379

Ion Ratio Lower Upper

75 100

53 0.0 79.1 118.7#

89 0.0 36.2 54.2#

