

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
 Data File : VN062425.D
 Acq On : 8 Jul 2020 23:34
 Operator : JC/MD
 Sample : L3215-21
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Jul 09 02:26:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 02:12:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	170363	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	303270	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	281744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	92866	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	134259	51.24	ug/l	0.00
Spiked Amount			Recovery	=	102.48%	
35) Dibromofluoromethane	7.55	113	97746	52.14	ug/l	0.00
Spiked Amount			Recovery	=	104.28%	
50) Toluene-d8	10.06	98	391799	52.94	ug/l	0.00
Spiked Amount			Recovery	=	105.88%	
62) 4-Bromofluorobenzene	12.38	95	131551	48.64	ug/l	0.00
Spiked Amount			Recovery	=	97.28%	

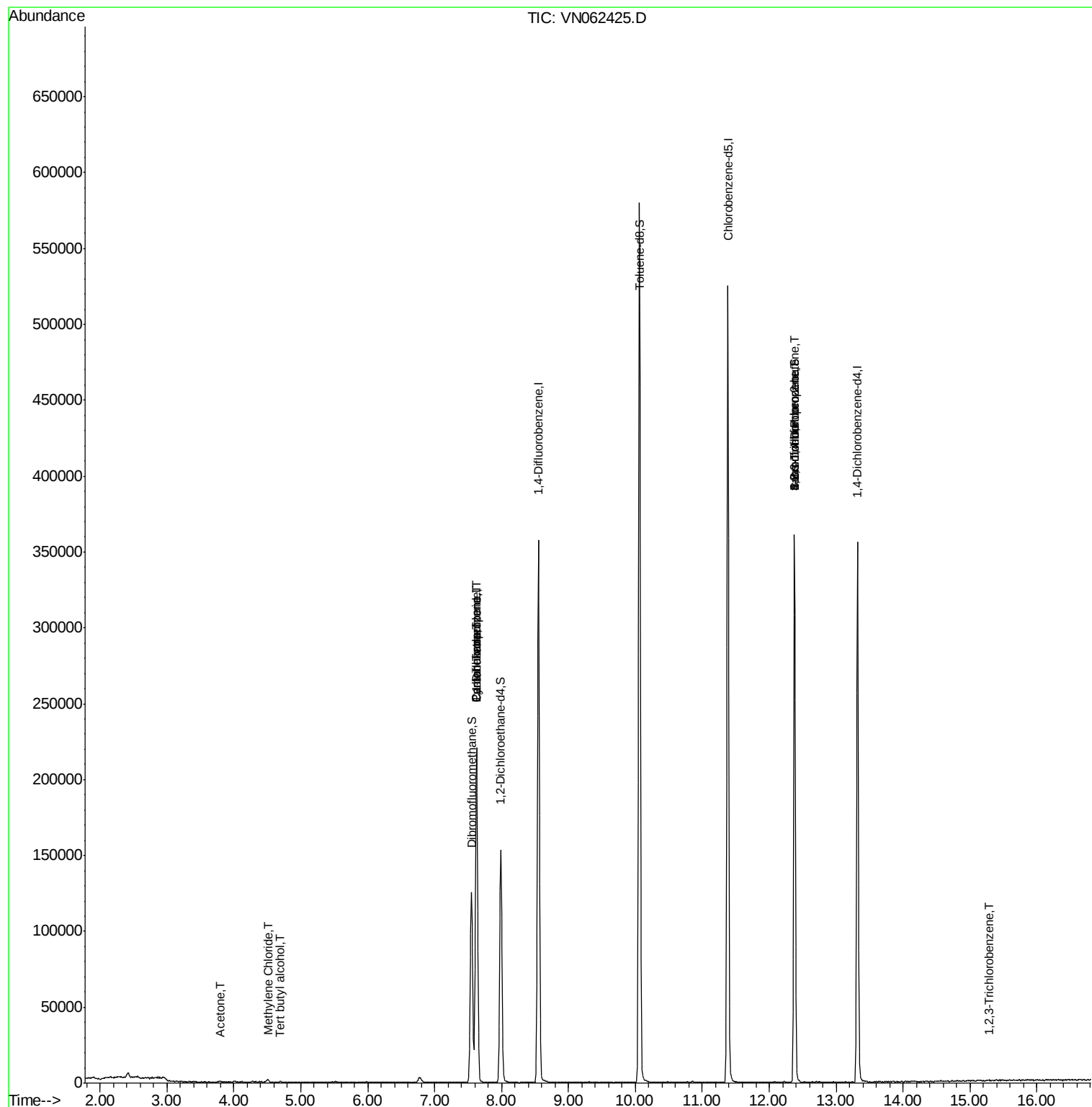
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.69	59	93	0.214	ug/l #	74
16) Acetone	3.79	43	513	0.461	ug/l #	45
20) Methylene Chloride	4.51	84	868	0.365	ug/l #	47
31) Cyclohexane	7.63	56	4414	1.109	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	15397	5.039	ug/l #	50
38) Carbon Tetrachloride	7.63	117	17163	6.248	ug/l #	16
71) Bromoform	12.38	173	423	0.286	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	70805	31.074	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	70805	83.171	ug/l #	10
95) Naphthalene	15.12	128	814	Below Cal	#	70
96) 1,2,3-Trichlorobenzene	15.29	180	207	3.352	ug/l #	34

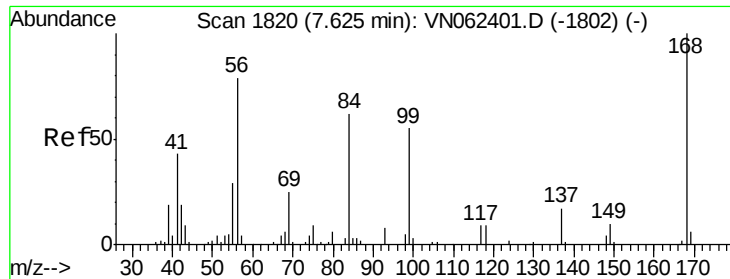
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jul 09 02:12:34 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062425.D

Acq: 8 Jul 2020 23:34

Instrument :

MSVOA_N

ClientSampleId :

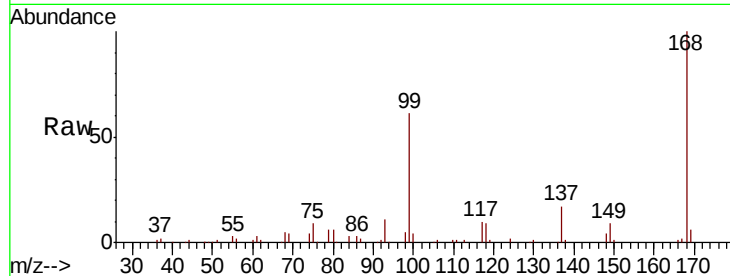
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Tot Ion:168 Resp: 170363

Ion Ratio Lower Upper

168 100

99 61.3 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

60000

40000

20000

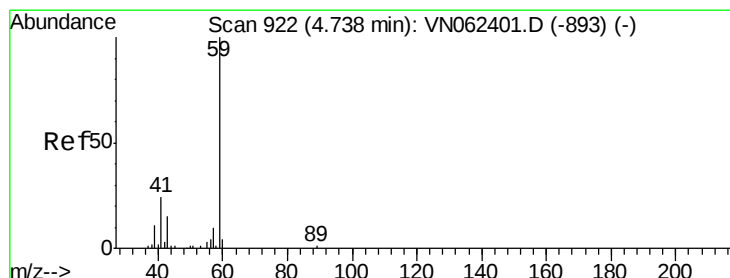
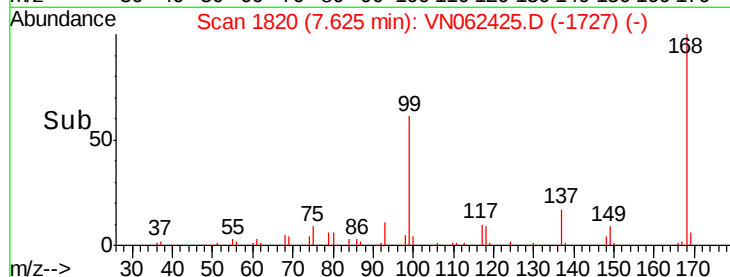
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Time-->

7.50

7.60

7.70



#11

Tert butyl alcohol

Concen: 0.214 ug/l

RT: 4.69 min Scan# 907

Delta R.T. -0.05 min

Lab File: VN062425.D

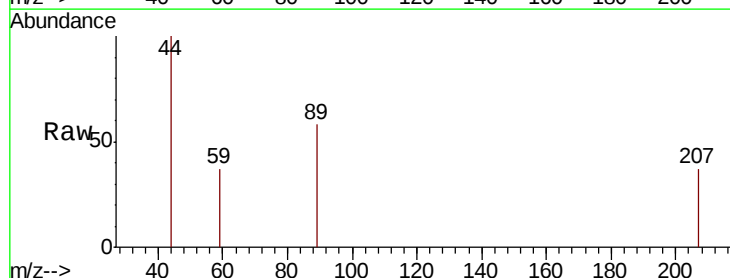
Acq: 8 Jul 2020 23:34

Tgt Ion: 59 Resp: 93

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

200

150

100

50

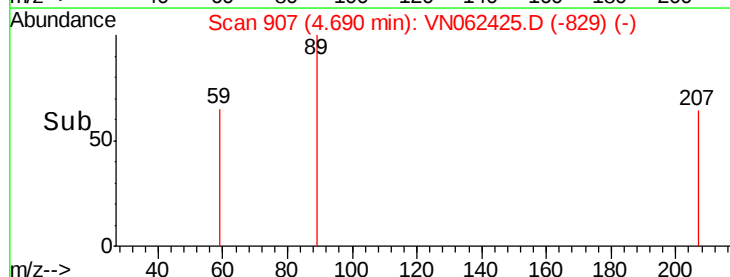
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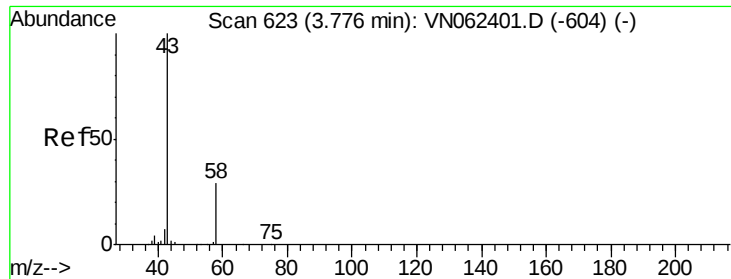
Time-->

4.68

4.69

4.70

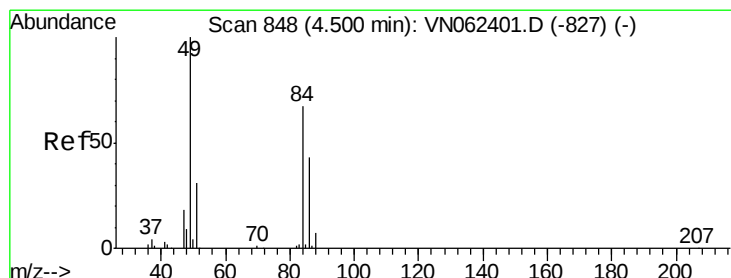
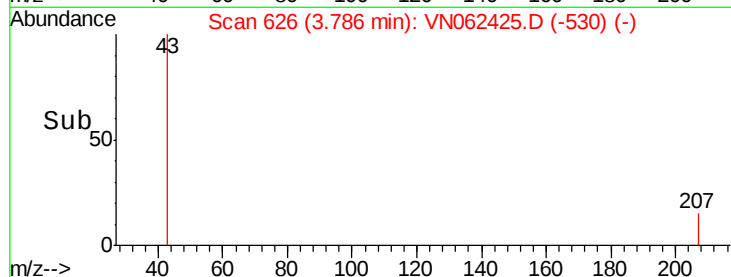
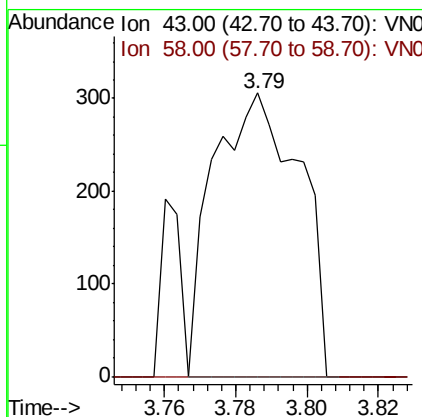
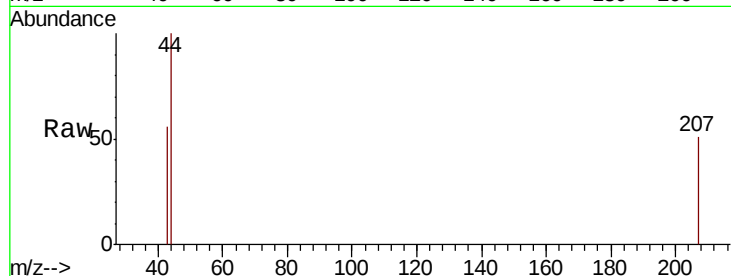




#16
Acetone
Concen: 0.461 ug/l
RT: 3.79 min Scan# 626
Delta R.T. 0.01 min
Lab File: VN062425.D
Acq: 8 Jul 2020 23:34

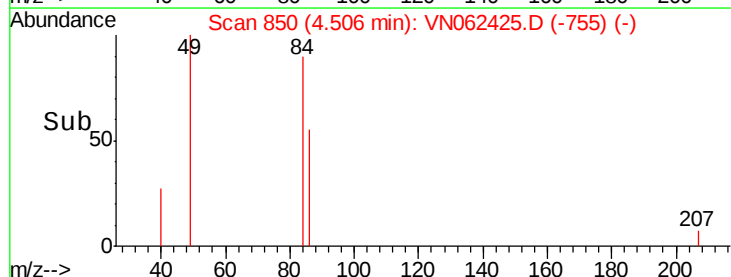
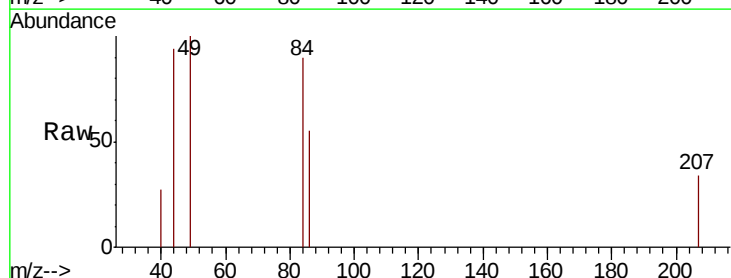
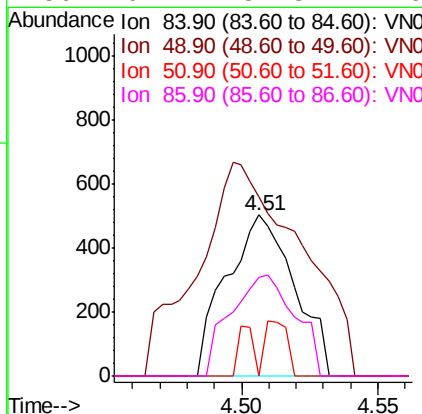
Instrument :
MSVOA_N
ClientSampleId :
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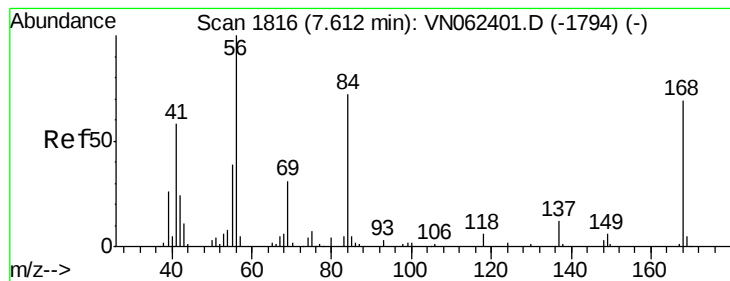
Tot Ion: 43 Resp: 513
Ion Ratio Lower Upper
43 100
58 0.0 23.5 35.3#



#20
Methylene Chloride
Concen: 0.365 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.01 min
Lab File: VN062425.D
Acq: 8 Jul 2020 23:34

Tgt Ion: 84 Resp: 868
Ion Ratio Lower Upper
84 100
49 62.6 120.0 180.0#
51 0.0 37.0 55.6#
86 61.2 51.8 77.6





#31

Cyclohexane

Concen: 1.109 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.02 min

Lab File: VN062425.D

Acq: 8 Jul 2020 23:34

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

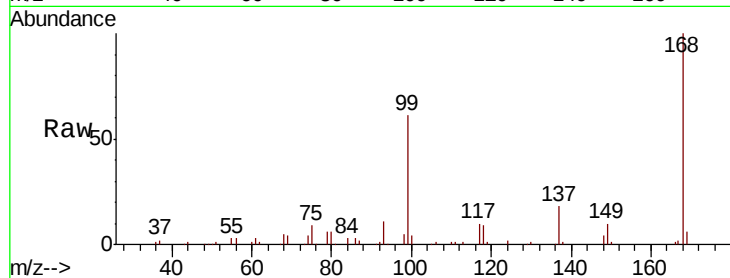
Tot Ion: 56 Resp: 4414

Ion Ratio Lower Upper

56 100

69 170.5 24.5 36.7#

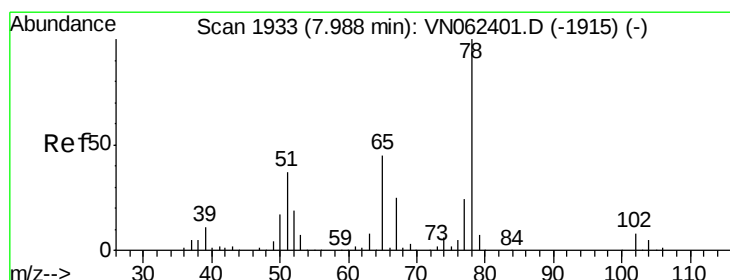
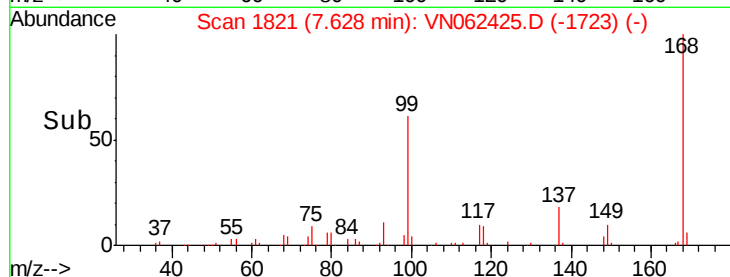
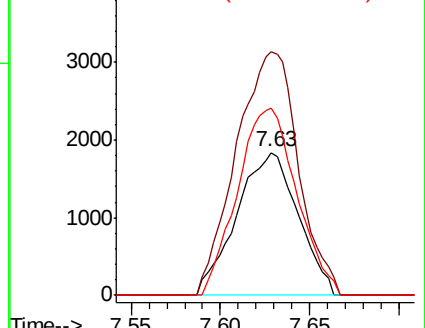
84 130.7 57.4 86.2#



Abundance Ion 56.00 (55.70 to 56.70): VN062401.D (-1794) (-)

Ion 69.00 (68.70 to 69.70): VN062401.D (-1794) (-)

Ion 84.00 (83.70 to 84.70): VN062401.D (-1794) (-)



#33

1,2-Dichloroethane-d4

Concen: 51.236 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062425.D

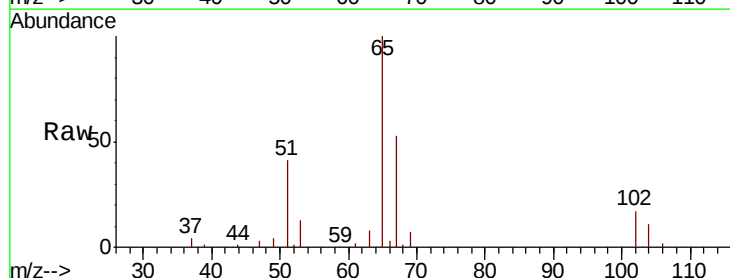
Acq: 8 Jul 2020 23:34

Tgt Ion: 65 Resp: 134259

Ion Ratio Lower Upper

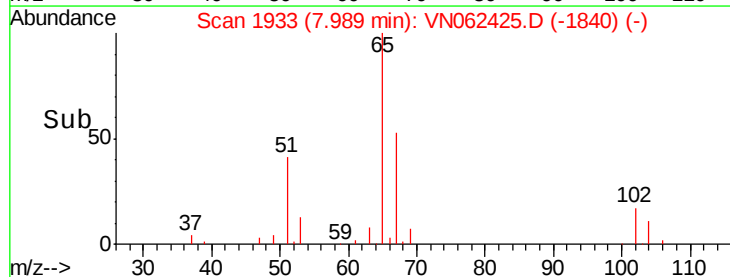
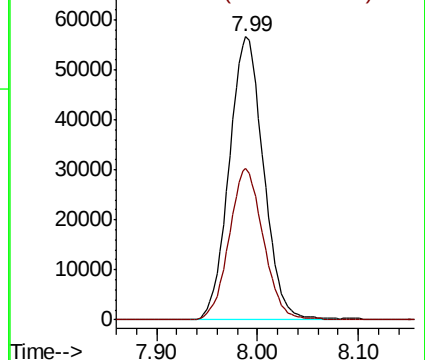
65 100

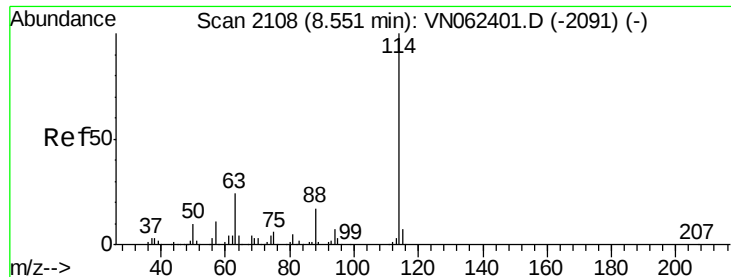
67 53.0 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN062401.D (-1915) (-)

Ion 66.90 (66.60 to 67.60): VN062401.D (-1915) (-)

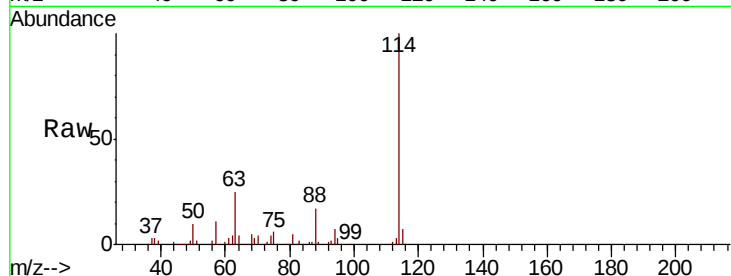




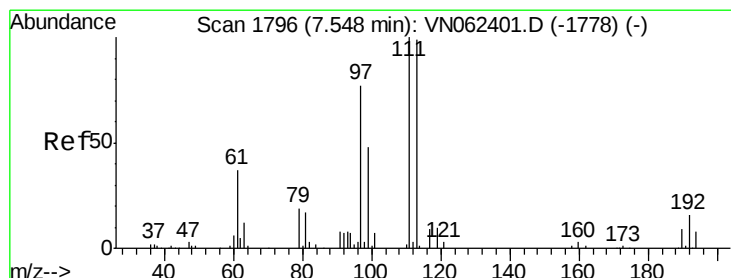
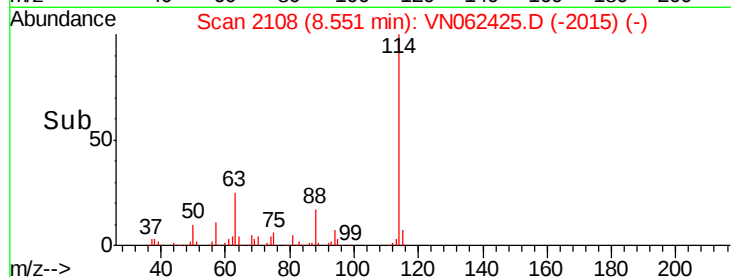
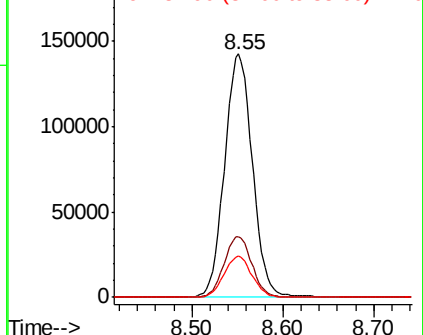
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062425.D
 Acq: 8 Jul 2020 23:34

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.0	0.0	48.4
88	17.0	0.0	33.8

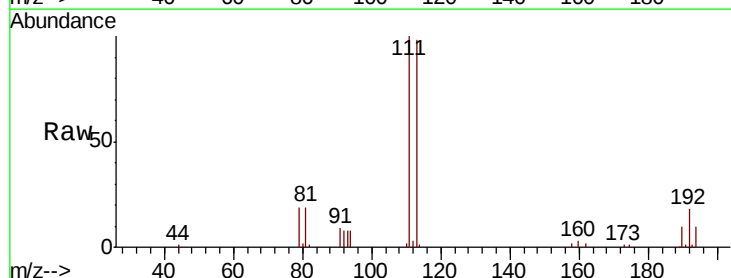


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

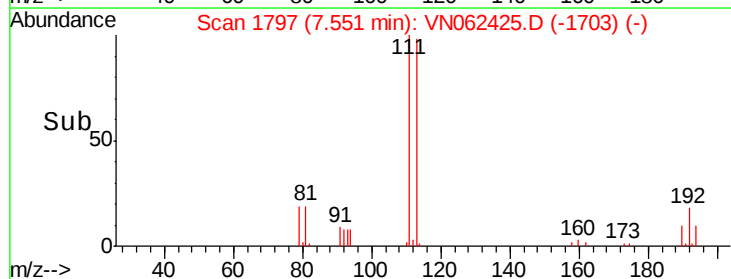
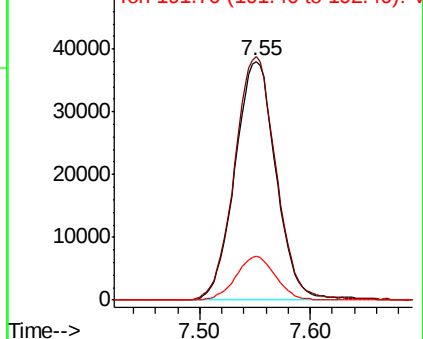


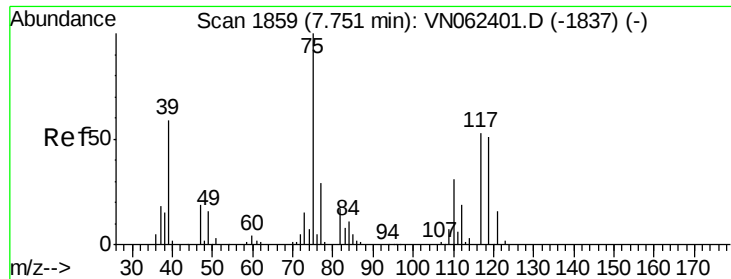
#35
 Dibromofluoromethane
 Concen: 52.142 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062425.D
 Acq: 8 Jul 2020 23:34

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.1	124.7
192	17.6	14.1	21.1



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

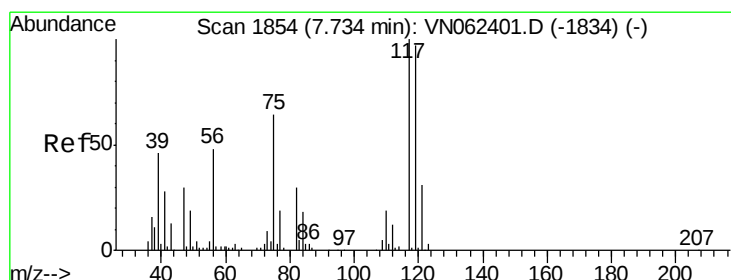
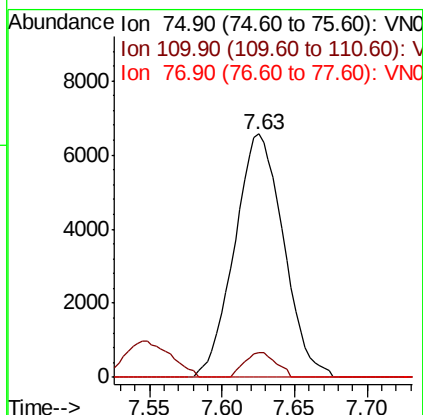
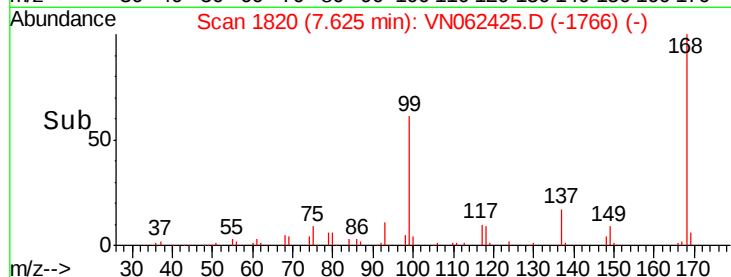
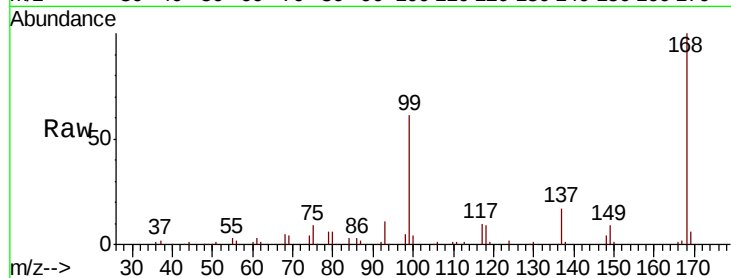




#36
 1,1-Dichloropropene
 Concen: 5.039 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN062425.D
 Acq: 8 Jul 2020 23:34

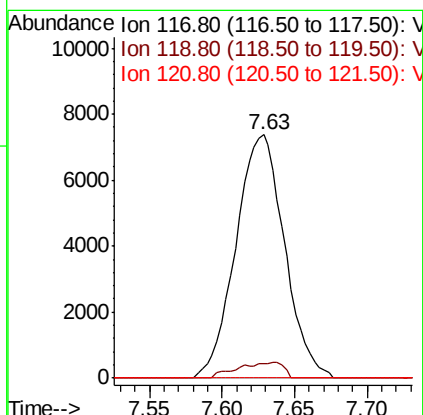
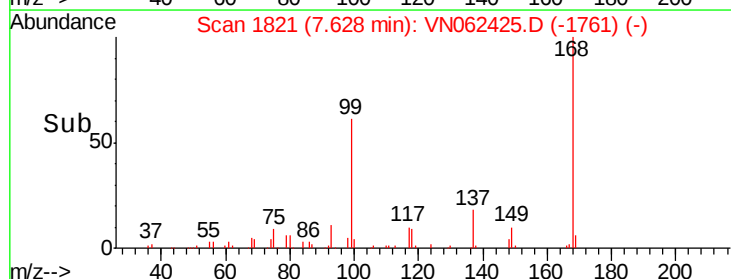
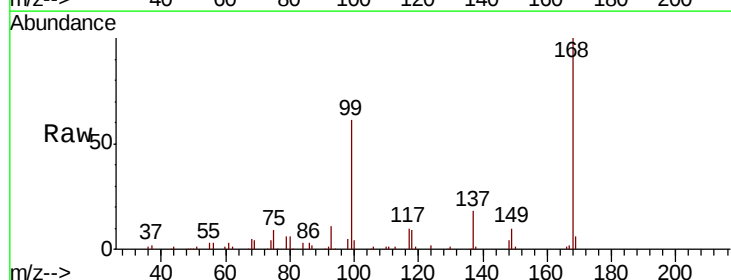
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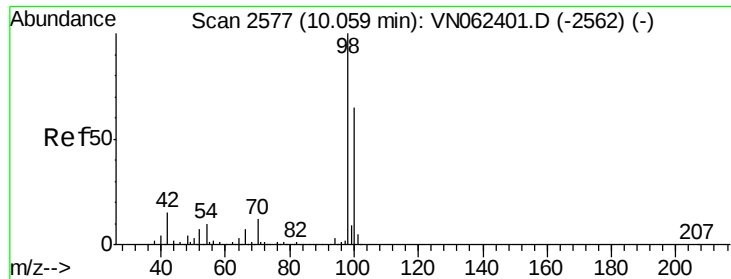
Tot Ion: 75 Resp: 15397
 Ion Ratio Lower Upper
 75 100
 110 6.7 15.4 46.2#
 77 0.0 24.1 36.1#



#38
 Carbon Tetrachloride
 Concen: 6.248 ug/l
 RT: 7.63 min Scan# 1821
 Delta R.T. -0.11 min
 Lab File: VN062425.D
 Acq: 8 Jul 2020 23:34

Tgt Ion: 117 Resp: 17163
 Ion Ratio Lower Upper
 117 100
 119 6.0 77.2 115.8#
 121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 52.943 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062425.D

Acq: 8 Jul 2020 23:34

Instrument :

MSVOA_N

ClientSampleId :

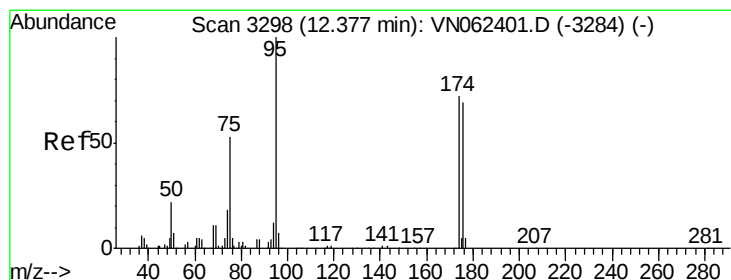
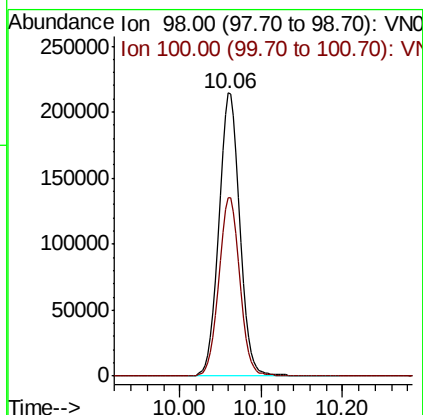
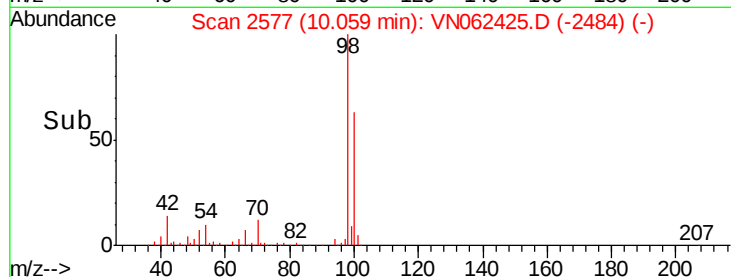
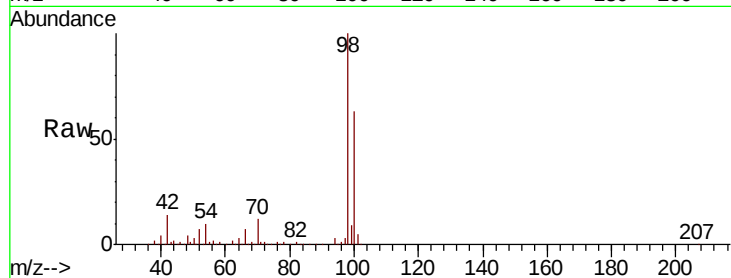
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Tot Ion: 98 Resp: 391799

Ion Ratio Lower Upper

98 100

100 63.1 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 48.644 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062425.D

Acq: 8 Jul 2020 23:34

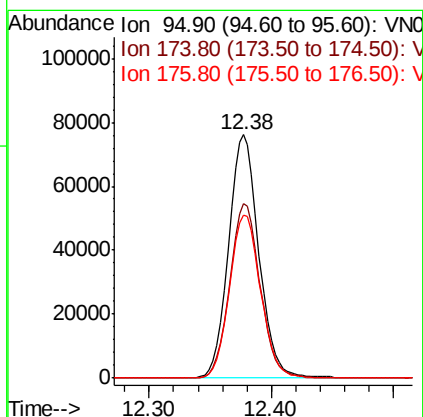
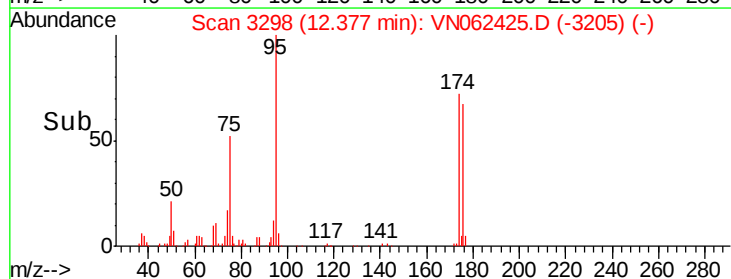
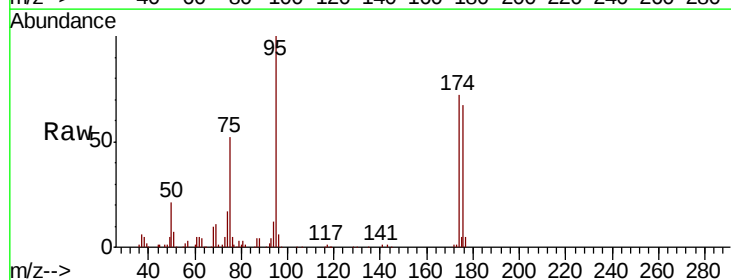
Tgt Ion: 95 Resp: 131551

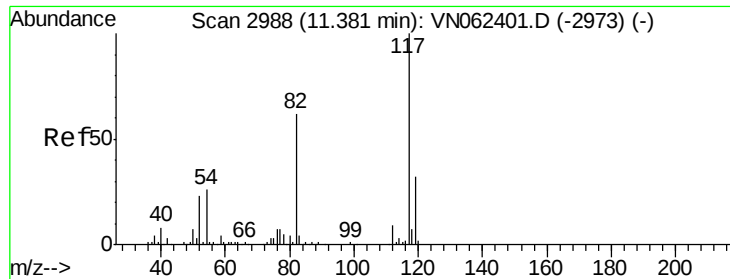
Ion Ratio Lower Upper

95 100

174 72.0 0.0 141.6

176 68.8 0.0 137.2

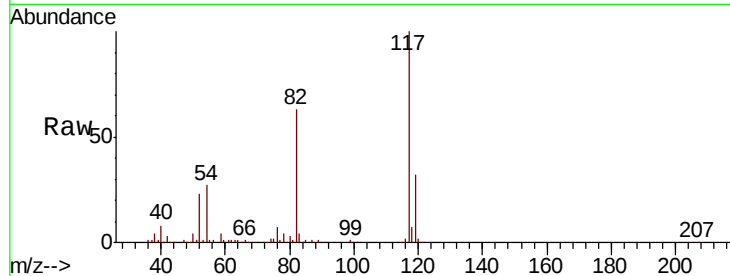




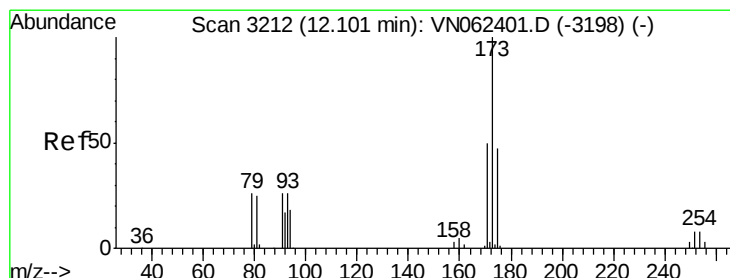
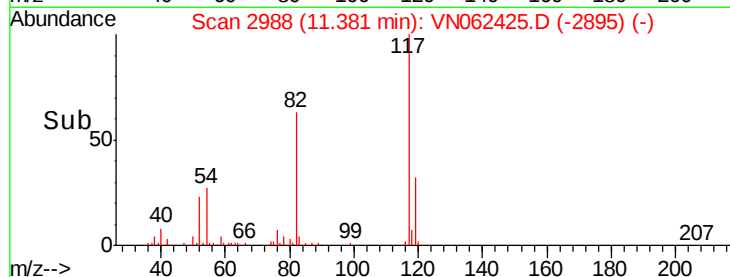
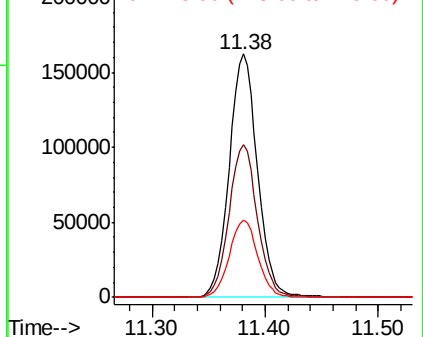
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062425.D
Acq: 8 Jul 2020 23:34

Instrument :
MSVOA_N
ClientSampled :
TRIP-BLANK

Tot Ion:117 Resp: 281744
Ion Ratio Lower Upper
117 100
82 62.8 49.6 74.4
119 31.8 25.4 38.0

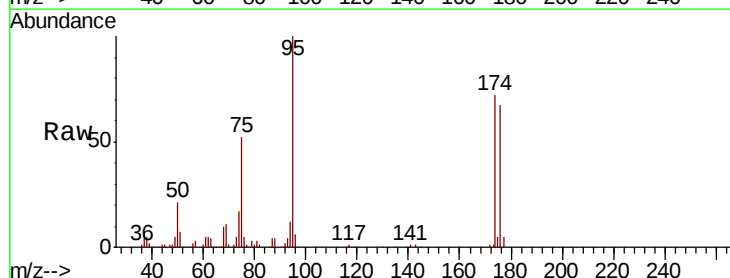


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

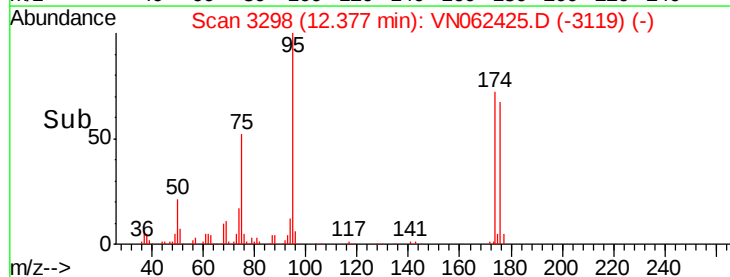
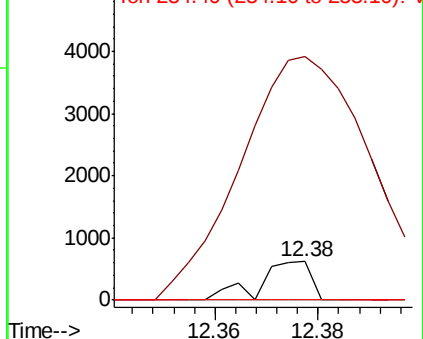


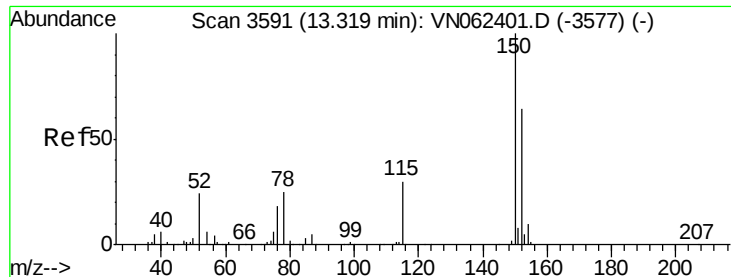
#71
Bromoform
Concen: 0.286 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.28 min
Lab File: VN062425.D
Acq: 8 Jul 2020 23:34

Tgt Ion:173 Resp: 423
Ion Ratio Lower Upper
173 100
175 1344.2 23.7 71.1#
254 0.0 0.0 0.0



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062425.D

Acq: 8 Jul 2020 23:34

Instrument :

MSVOA_N

ClientSampled :

TRIP-BLANK

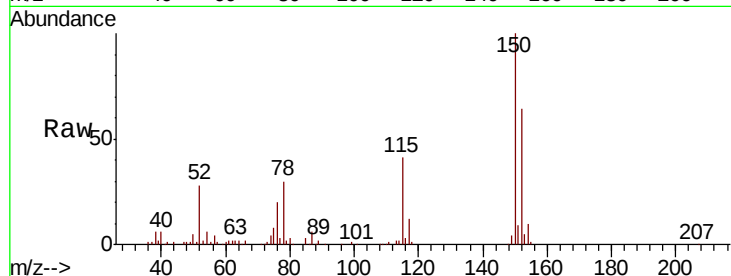
Tot Ion:152 Resp: 92866

Ion Ratio Lower Upper

152 100

115 65.2 31.4 94.2

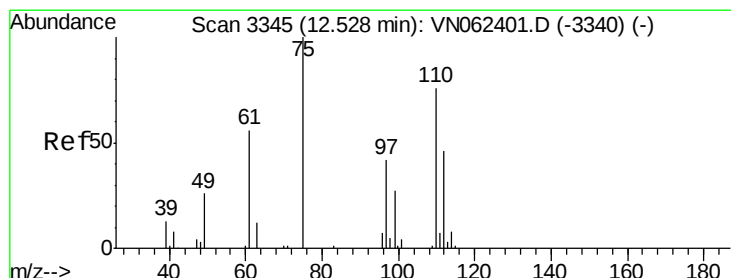
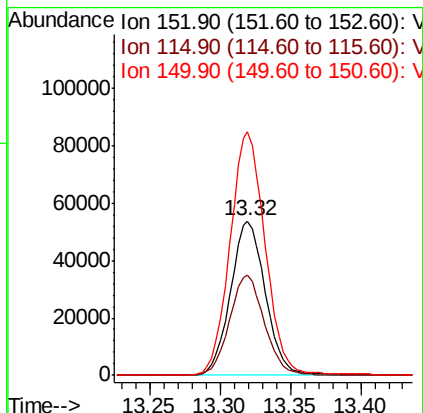
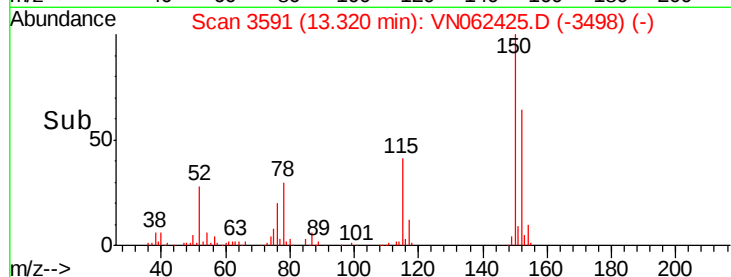
150 159.8 0.0 347.4



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: 31.074 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062425.D

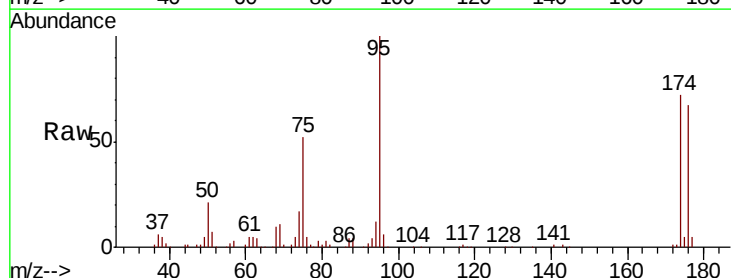
Acq: 8 Jul 2020 23:34

Tgt Ion: 75 Resp: 70805

Ion Ratio Lower Upper

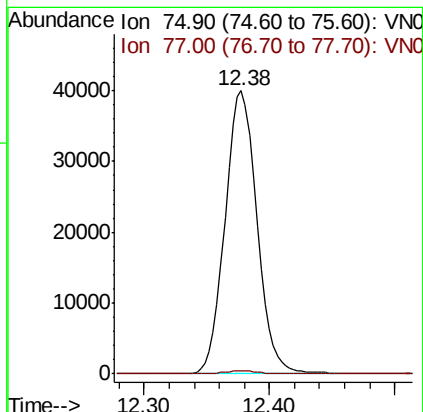
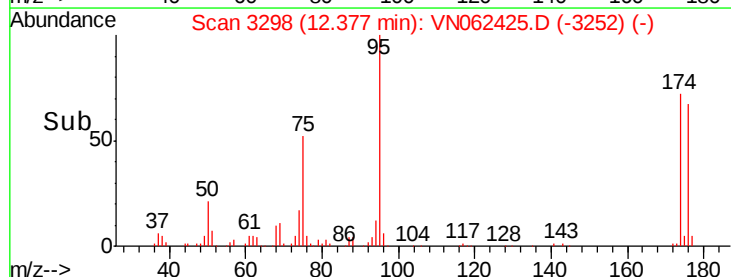
75 100

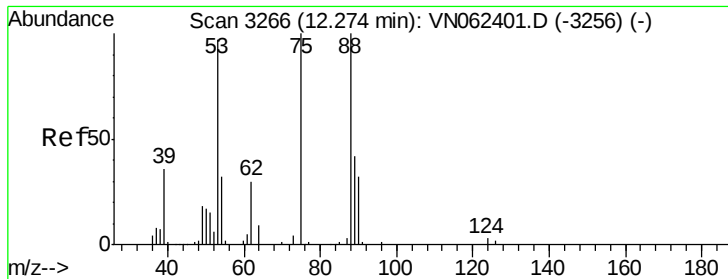
77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

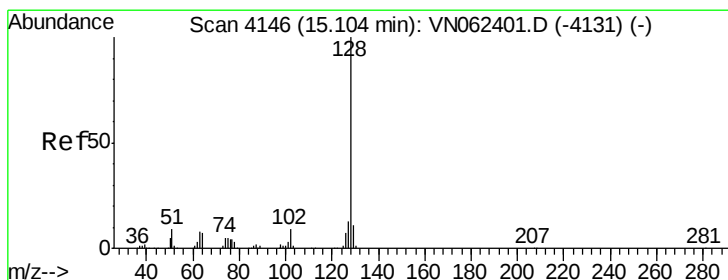
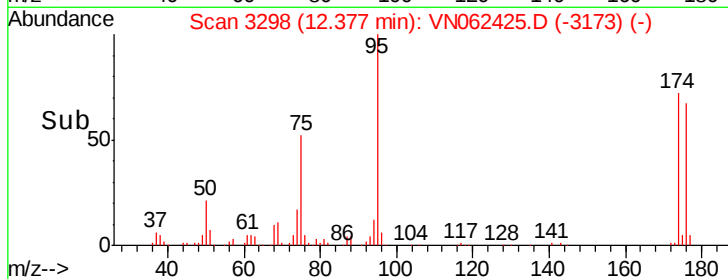
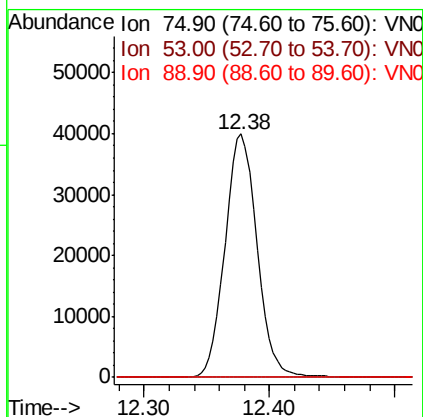
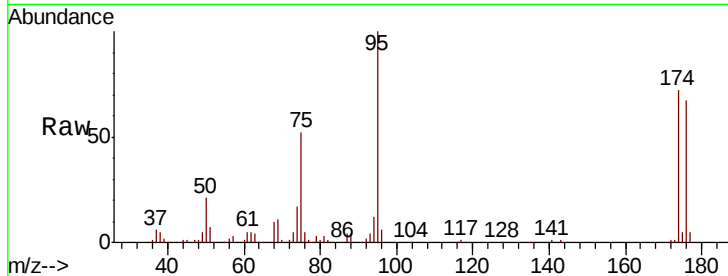




#81
trans-1,4-Dichloro-2-butene
Concen: 83.171 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.10 min
Lab File: VN062425.D
Acq: 8 Jul 2020 23:34

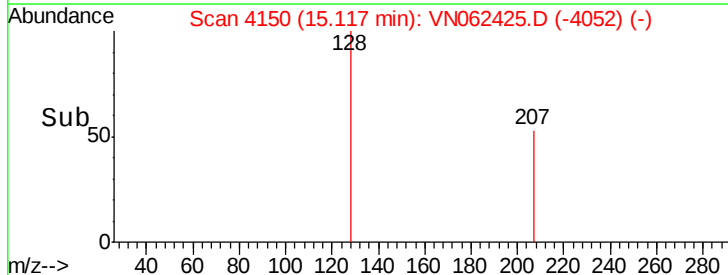
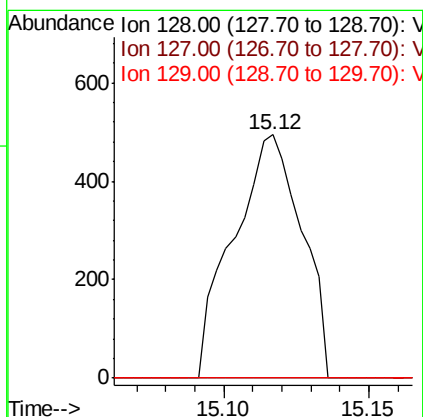
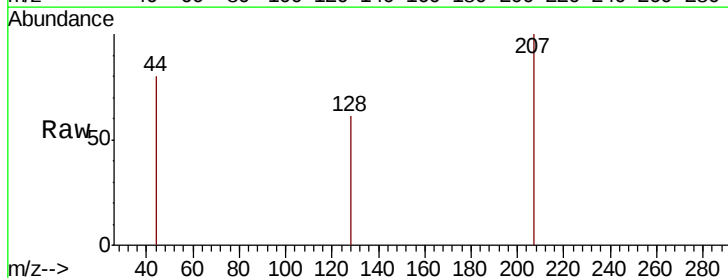
Instrument :
MSVOA_N
ClientSampled :
TRIP-BLANK

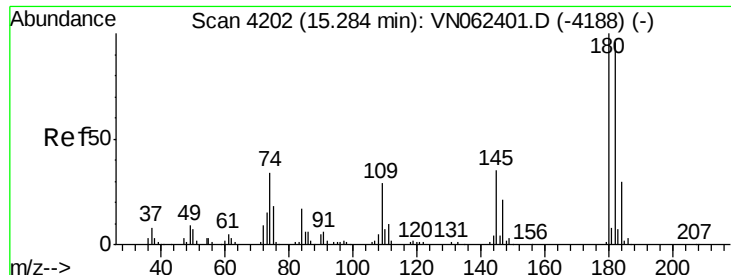
Tot Ion: 75 Resp: 70805
Ion Ratio Lower Upper
75 100
53 0.0 79.2 118.8#
89 0.0 34.6 52.0#



#95
Naphthalene
Concen: Below Cal
RT: 15.12 min Scan# 4150
Delta R.T. 0.01 min
Lab File: VN062425.D
Acq: 8 Jul 2020 23:34

Tgt Ion: 128 Resp: 814
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.352 ug/l
 RT: 15.29 min Scan# 4203
 Delta R.T. 0.00 min
 Lab File: VN062425.D
 Acq: 8 Jul 2020 23:34

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Tot Ion:180 Resp: 207
 Ion Ratio Lower Upper
 180 100
 182 29.0 47.8 143.4#
 145 0.0 17.0 50.9#

