

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022423\
 Data File : VN076809.D
 Acq On : 24 Feb 2023 15:02
 Operator : JC\MD
 Sample : 01636-01ME
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-022123ME

Quant Time: Feb 25 01:45:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

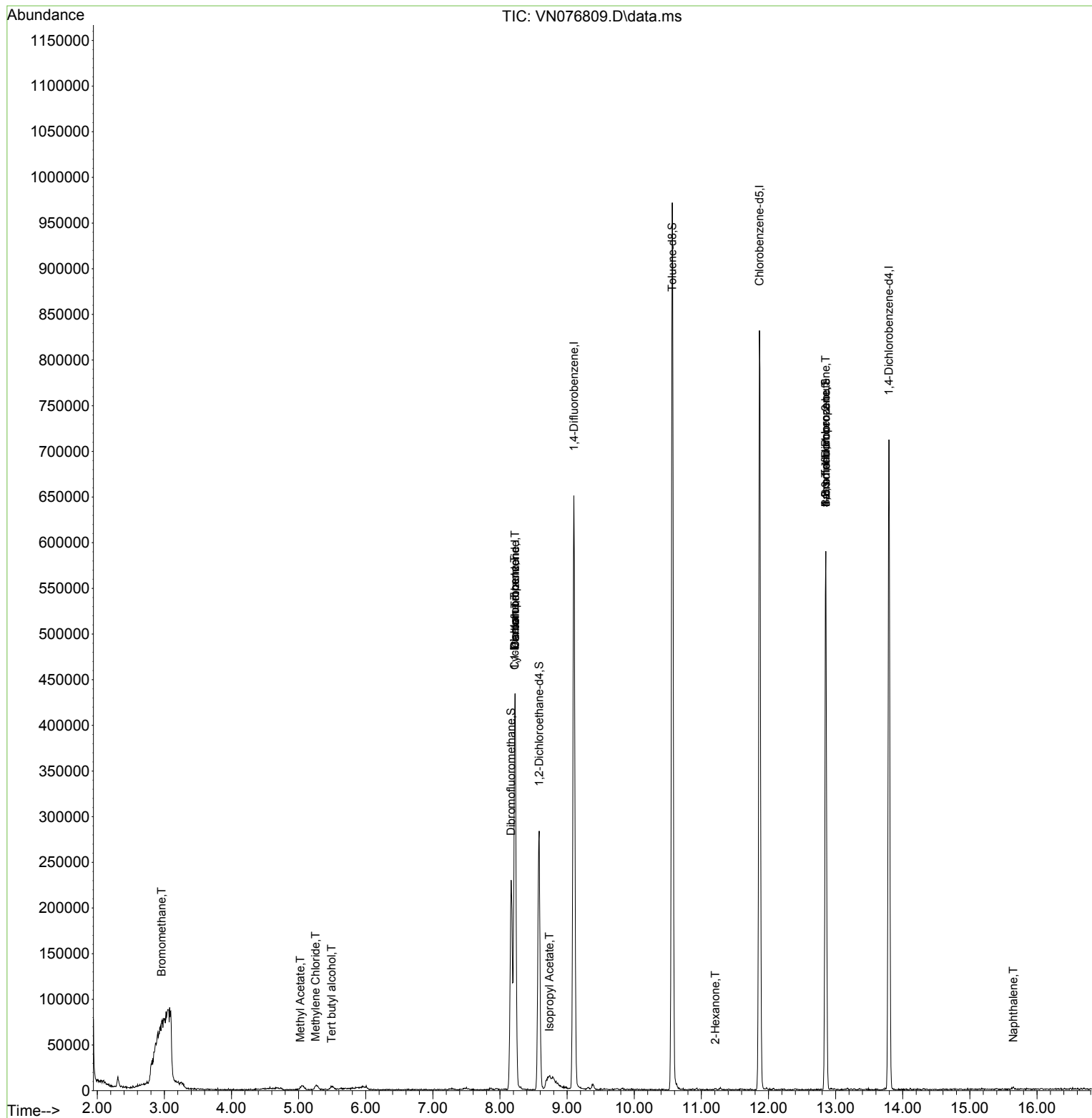
Internal Standards						
1) Pentafluorobenzene	8.225	168	307658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	535597	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	462457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	180692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	215306	50.680	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.360%			
35) Dibromofluoromethane	8.166	113	159976	45.609	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.220%			
50) Toluene-d8	10.566	98	639632	48.830	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.660%			
62) 4-Bromofluorobenzene	12.854	95	188383	43.422	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 86.840%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.960	94	683	0.269	ug/l #	22
11) Tert butyl alcohol	5.489	59	2855	5.091	ug/l #	71
18) Methyl Acetate	5.025	43	2398	0.387	ug/l #	52
20) Methylene Chloride	5.254	84	1593	0.401	ug/l #	42
31) Cyclohexane	8.219	56	8702	1.306	ug/l #	31
36) 1,1-Dichloropropene	8.219	75	26460	5.221	ug/l #	53
38) Carbon Tetrachloride	8.225	117	33058	6.466	ug/l #	16
43) Isopropyl Acetate	8.736	43	20450	2.357	ug/l #	56
59) 2-Hexanone	11.207	43	1039	0.261	ug/l	79
71) Bromoform	12.854	173	1667	0.638	ug/l #	1
76) 1,2,3-Trichloropropane	12.854	75	105107	28.772	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	105107	83.801	ug/l #	4
95) Naphthalene	15.648	128	2687	0.277	ug/l #	85

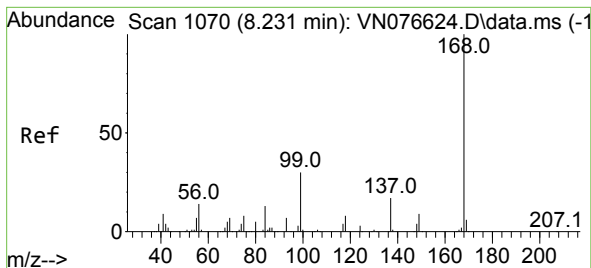
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.225 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN076809.D

Acq: 24 Feb 2023 15:02

Instrument :

MSVOA_N

ClientSampleId :

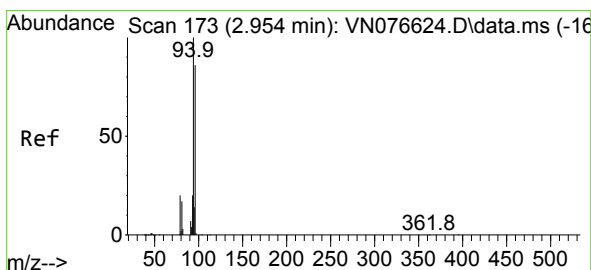
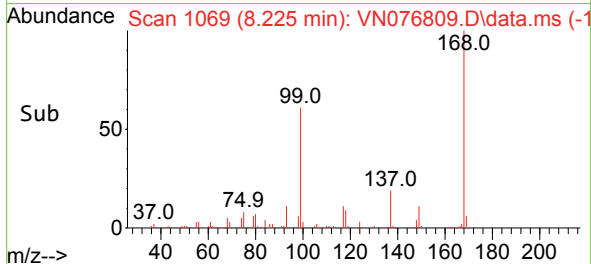
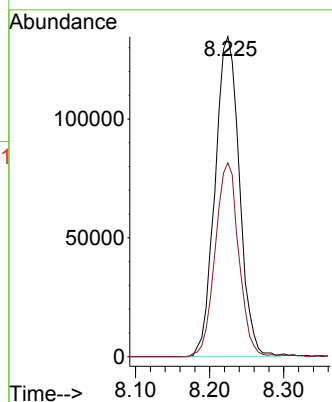
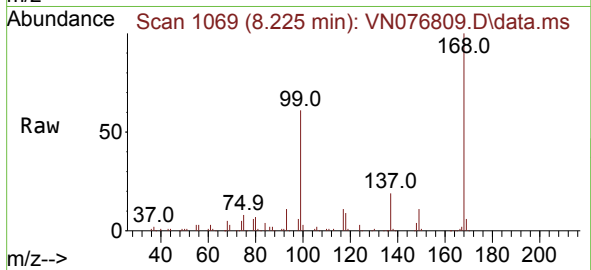
OR-02-022123ME

Tgt Ion:168 Resp: 307658

Ion Ratio Lower Upper

168 100

99 60.6 44.8 67.2



#5

Bromomethane

Concen: 0.269 ug/l

RT: 2.960 min Scan# 174

Delta R.T. 0.006 min

Lab File: VN076809.D

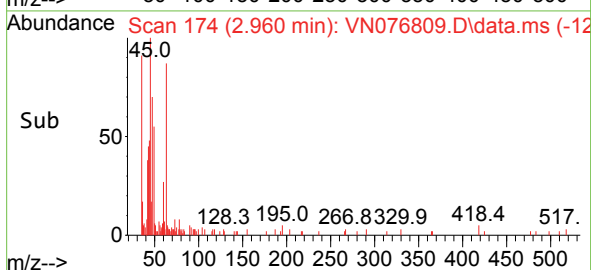
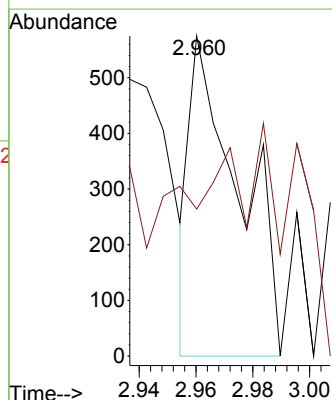
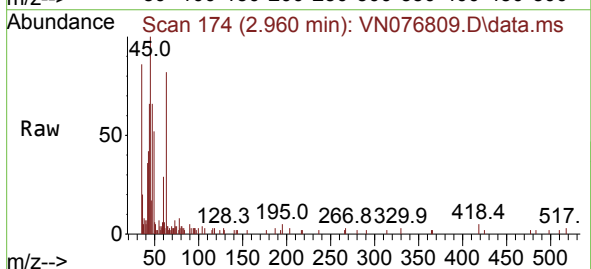
Acq: 24 Feb 2023 15:02

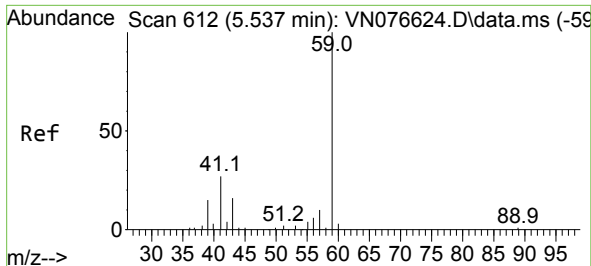
Tgt Ion: 94 Resp: 683

Ion Ratio Lower Upper

94 100

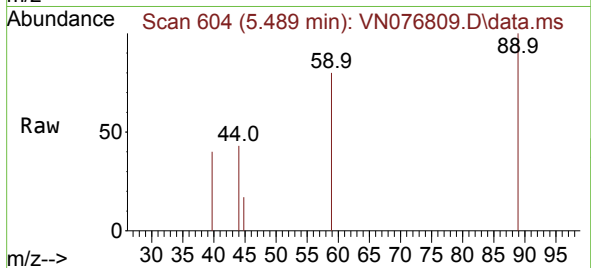
96 14.1 69.0 103.4#



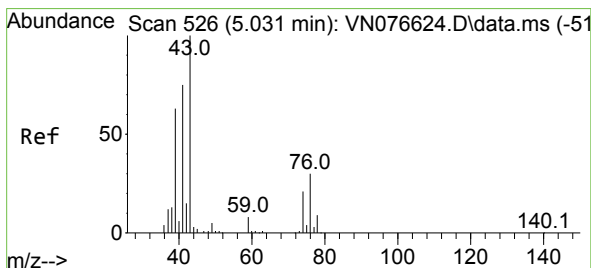
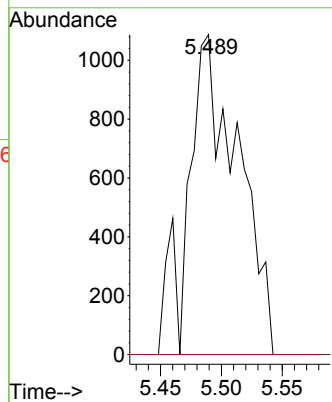
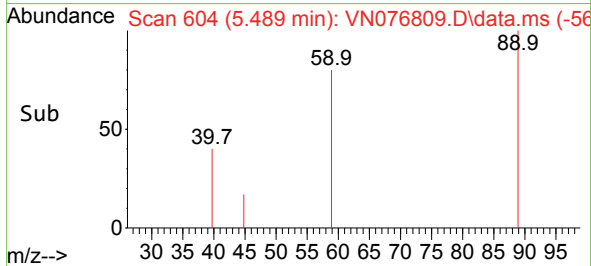


#11
Tert butyl alcohol
Concen: 5.091 ug/l
RT: 5.489 min Scan# 604
Delta R.T. -0.048 min
Lab File: VN076809.D
Acq: 24 Feb 2023 15:02

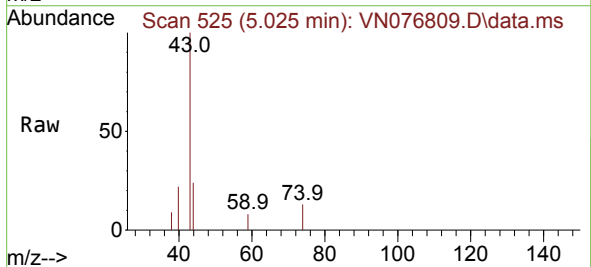
Instrument :
MSVOA_N
ClientSampleId :
OR-02-022123ME



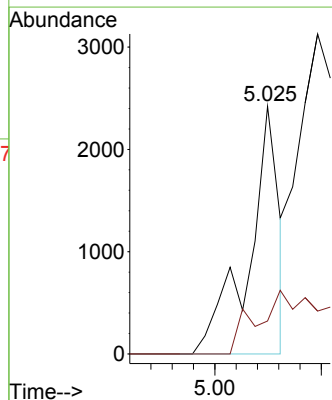
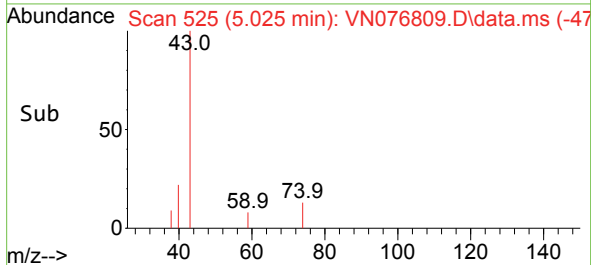
Tgt Ion: 59 Resp: 2855
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

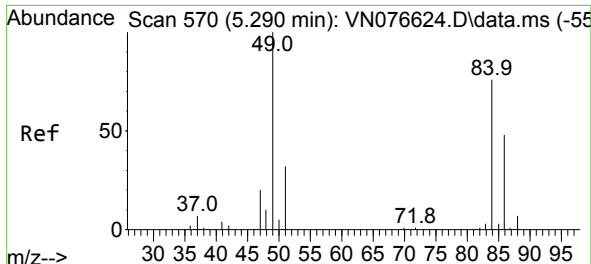


#18
Methyl Acetate
Concen: 0.387 ug/l
RT: 5.025 min Scan# 525
Delta R.T. -0.006 min
Lab File: VN076809.D
Acq: 24 Feb 2023 15:02



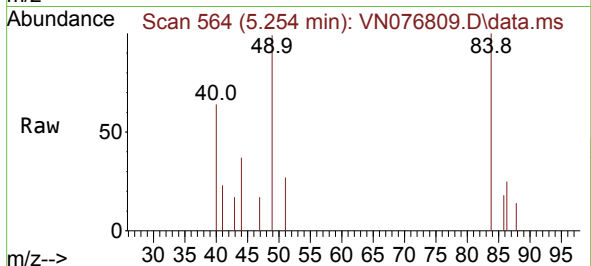
Tgt Ion: 43 Resp: 2398
Ion Ratio Lower Upper
43 100
74 45.0 17.7 26.5#



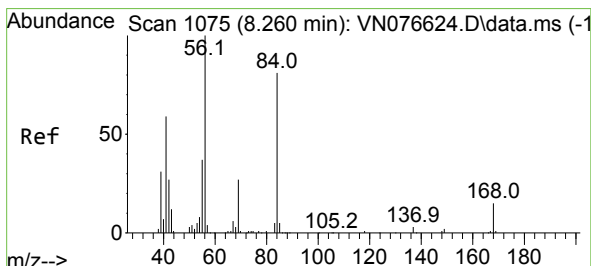
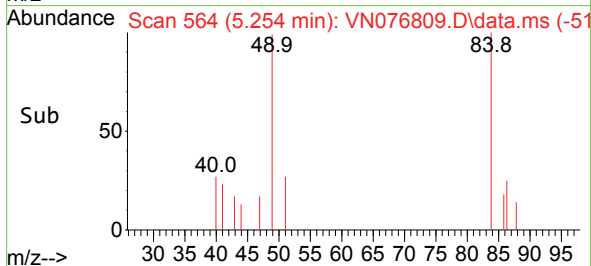
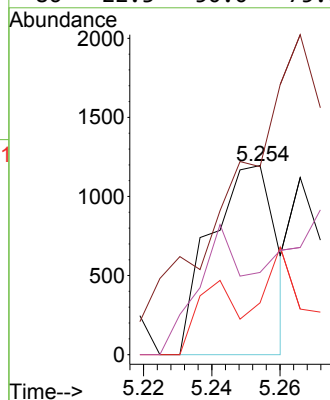


#20
Methylene Chloride
Concen: 0.401 ug/l
RT: 5.254 min Scan# 51
Delta R.T. -0.036 min
Lab File: VN076809.D
Acq: 24 Feb 2023 15:02

Instrument :
MSVOA_N
ClientSampleId :
OR-02-022123ME

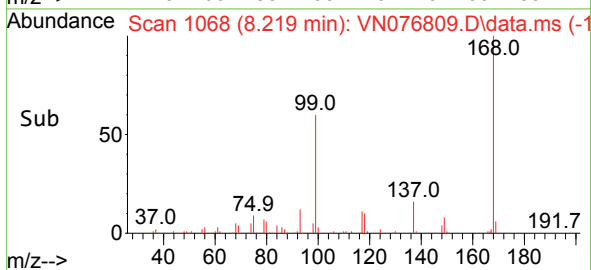
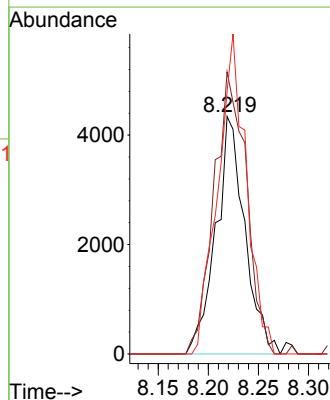
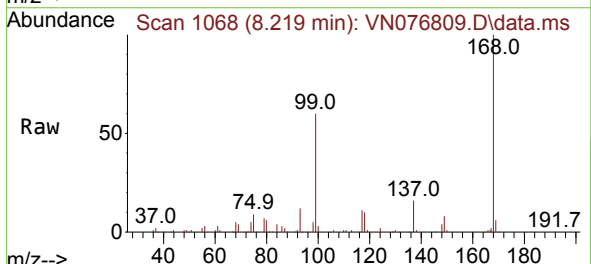


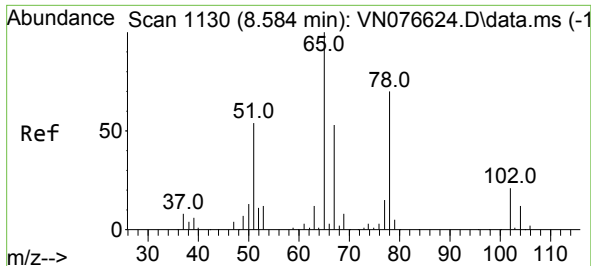
Tgt Ion:	84	Resp:	1593
Ion	Ratio	Lower	Upper
84	100		
49	47.5	104.9	157.3#
51	27.4	33.8	50.8#
86	22.3	50.0	75.0#



#31
Cyclohexane
Concen: 1.306 ug/l
RT: 8.219 min Scan# 1068
Delta R.T. -0.041 min
Lab File: VN076809.D
Acq: 24 Feb 2023 15:02

Tgt Ion:	56	Resp:	8702
Ion	Ratio	Lower	Upper
56	100		
69	118.9	21.6	32.4#
84	110.6	65.1	97.7#





#33

1,2-Dichloroethane-d4

Concen: 50.680 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN076809.D

Acq: 24 Feb 2023 15:02

Instrument :

MSVOA_N

ClientSampleId :

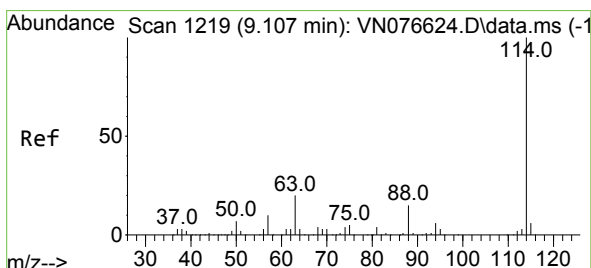
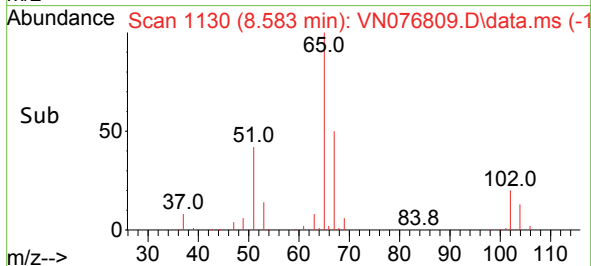
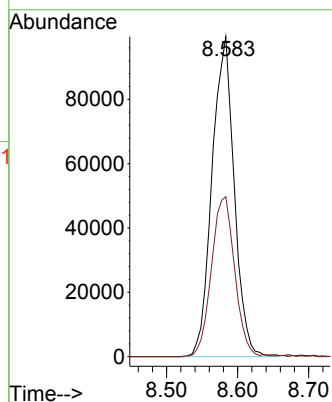
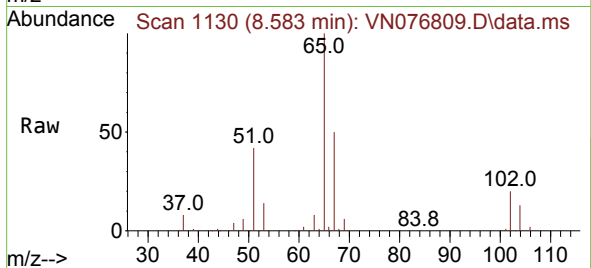
OR-02-022123ME

Tgt Ion: 65 Resp: 215306

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VN076809.D

Acq: 24 Feb 2023 15:02

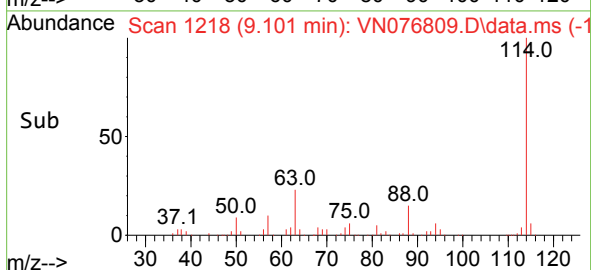
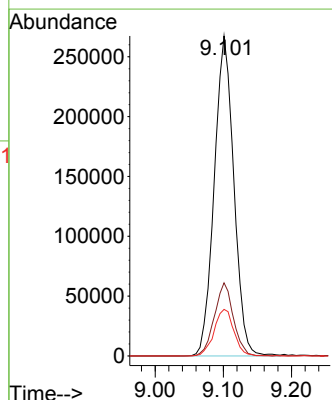
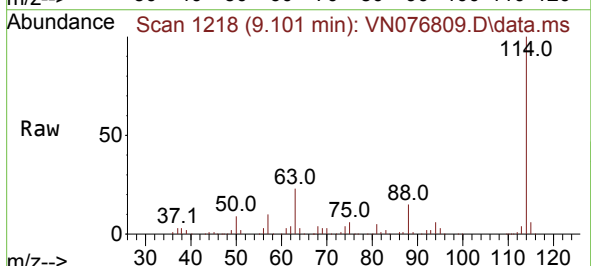
Tgt Ion: 114 Resp: 535597

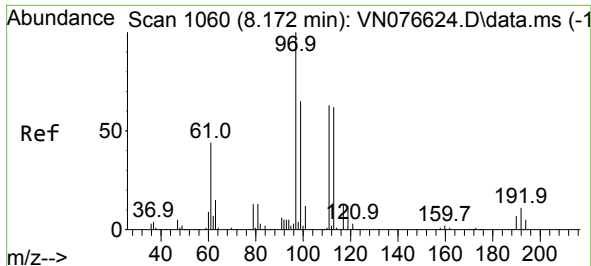
Ion Ratio Lower Upper

114 100

63 22.9 0.0 40.0

88 14.6 0.0 29.6

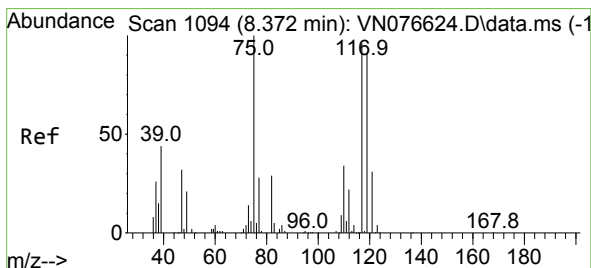
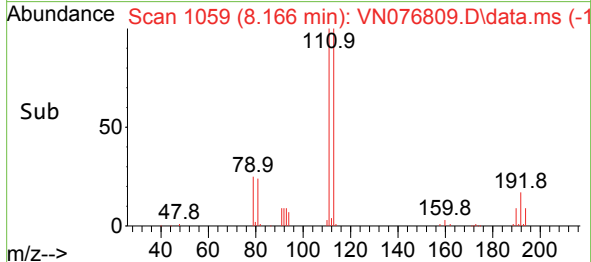
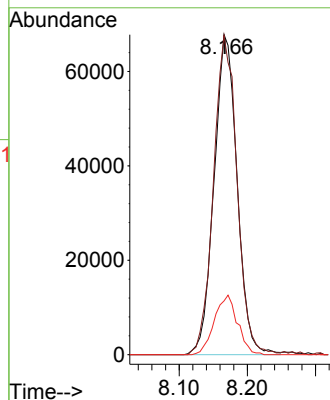
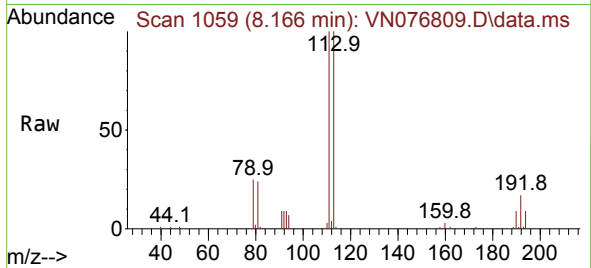




#35
Dibromofluoromethane
Concen: 45.609 ug/l
RT: 8.166 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VN076809.D
Acq: 24 Feb 2023 15:02

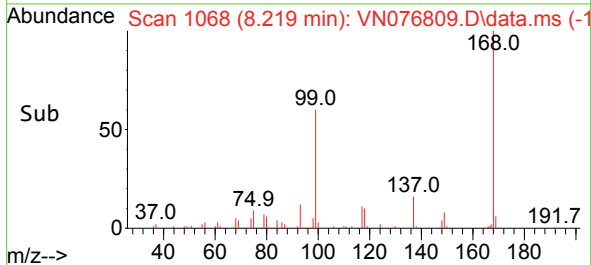
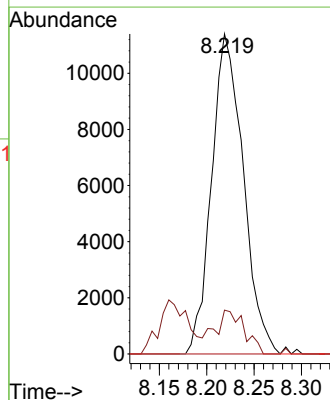
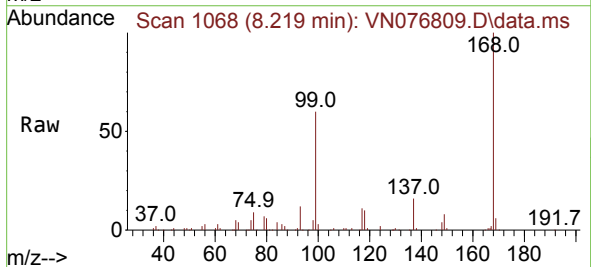
Instrument :
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ClientSampleId :
OR-02-022123ME

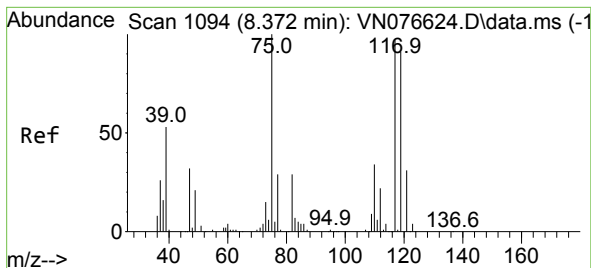
Tgt Ion:113 Resp: 159976
Ion Ratio Lower Upper
113 100
111 101.5 83.1 124.7
192 18.7 15.6 23.4



#36
1,1-Dichloropropene
Concen: 5.221 ug/l
RT: 8.219 min Scan# 1068
Delta R.T. -0.153 min
Lab File: VN076809.D
Acq: 24 Feb 2023 15:02

Tgt Ion: 75 Resp: 26460
Ion Ratio Lower Upper
75 100
110 12.7 17.5 52.5#
77 0.0 24.5 36.7#





#38

Carbon Tetrachloride

Concen: 6.466 ug/l

RT: 8.225 min Scan# 1106

Delta R.T. -0.147 min

Lab File: VN076809.D

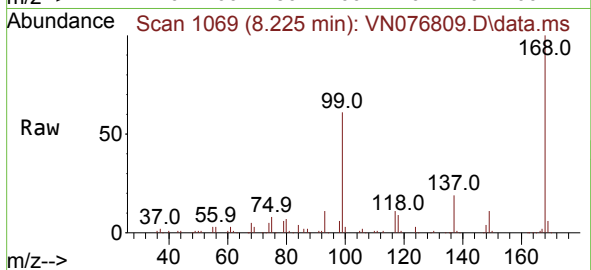
Acq: 24 Feb 2023 15:02

Instrument :

MSVOA_N

ClientSampleId :

OR-02-022123ME



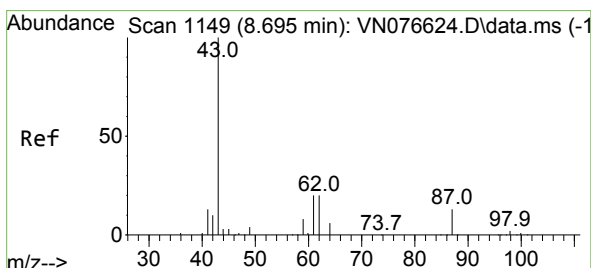
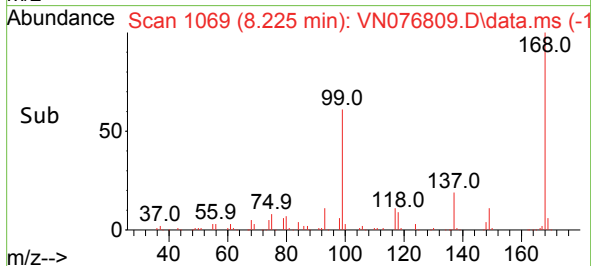
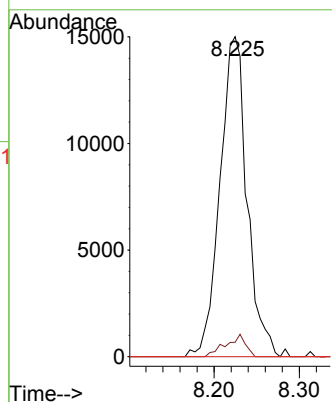
Tgt Ion:117 Resp: 33058

Ion Ratio Lower Upper

117 100

119 4.5 75.4 113.0#

121 0.0 26.0 39.0#



#43

Isopropyl Acetate

Concen: 2.357 ug/l

RT: 8.736 min Scan# 1156

Delta R.T. 0.041 min

Lab File: VN076809.D

Acq: 24 Feb 2023 15:02

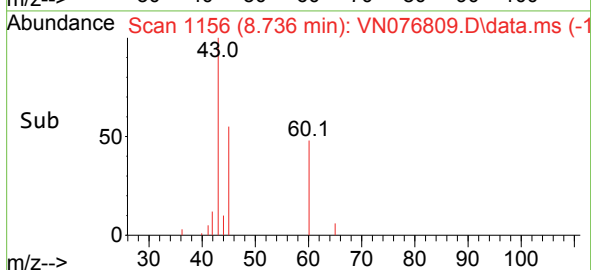
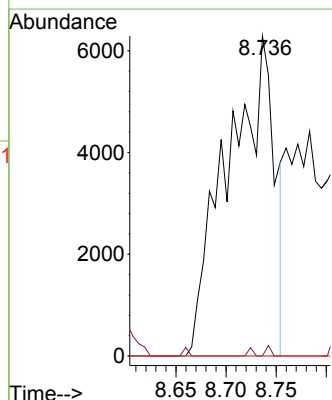
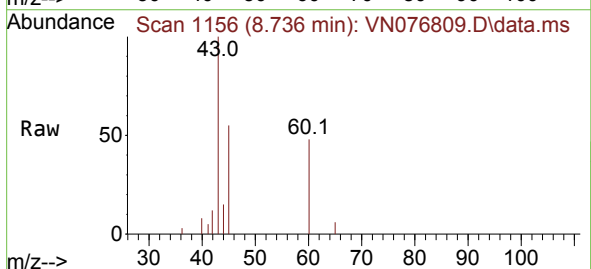
Tgt Ion: 43 Resp: 20450

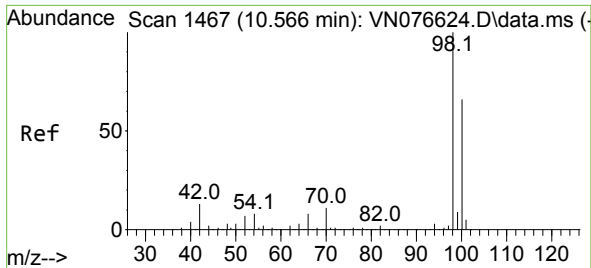
Ion Ratio Lower Upper

43 100

61 0.0 20.0 30.0#

87 0.0 9.9 14.9#

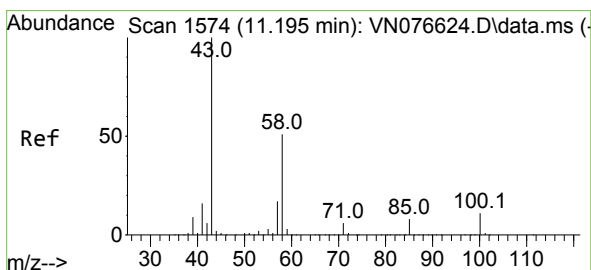
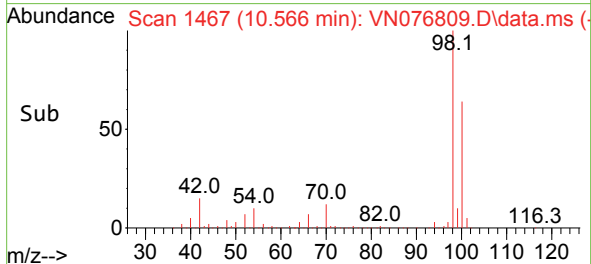
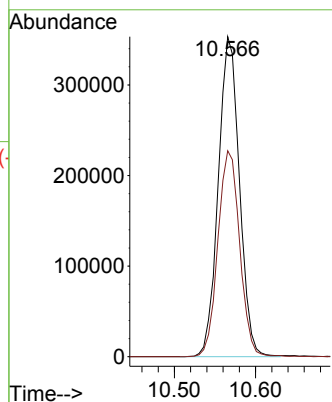
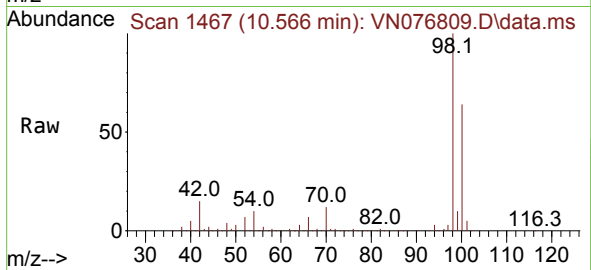




#50
Toluene-d8
Concen: 48.830 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.000 min
Lab File: VN076809.D
Acq: 24 Feb 2023 15:02

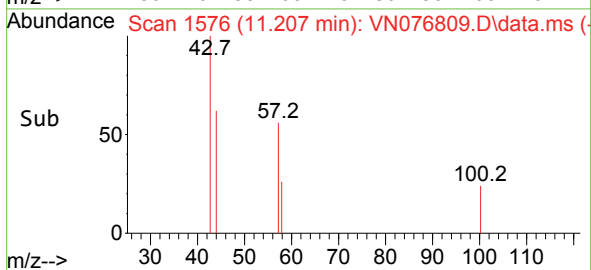
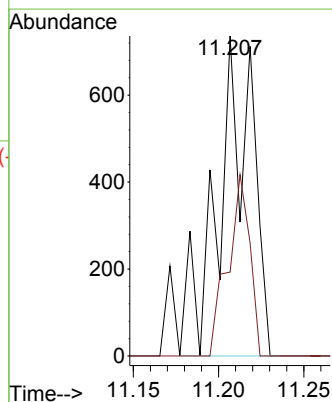
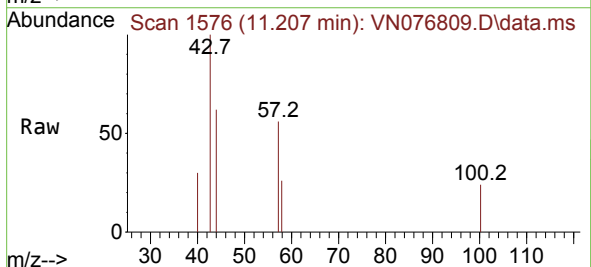
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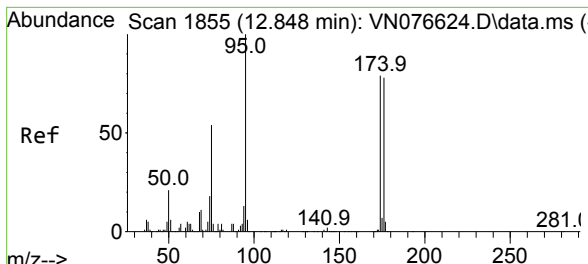
Tgt Ion: 98 Resp: 639632
Ion Ratio Lower Upper
98 100
100 66.3 52.9 79.3



#59
2-Hexanone
Concen: 0.261 ug/l
RT: 11.207 min Scan# 1576
Delta R.T. 0.012 min
Lab File: VN076809.D
Acq: 24 Feb 2023 15:02

Tgt Ion: 43 Resp: 1039
Ion Ratio Lower Upper
43 100
58 35.9 25.4 76.0

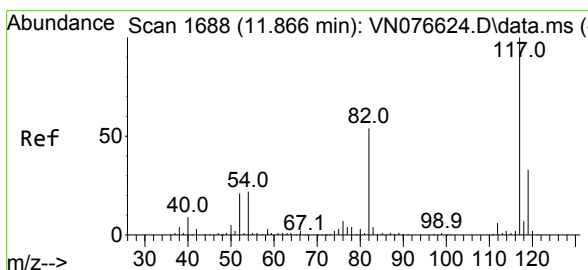
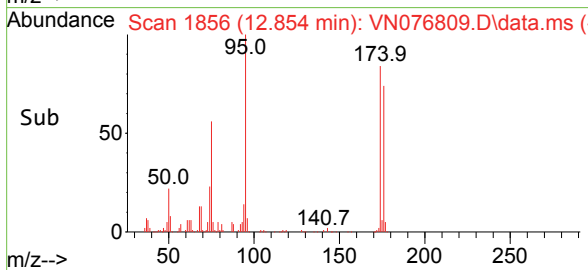
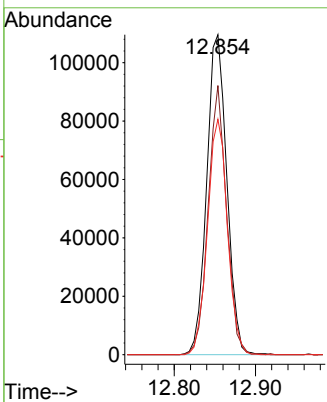
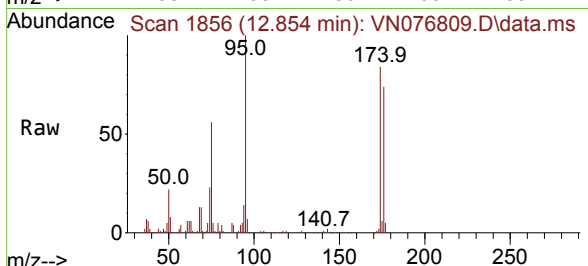




#62
 4-Bromofluorobenzene
 Concen: 43.422 ug/l
 RT: 12.854 min Scan# 1856
 Delta R.T. 0.006 min
 Lab File: VN076809.D
 Acq: 24 Feb 2023 15:02

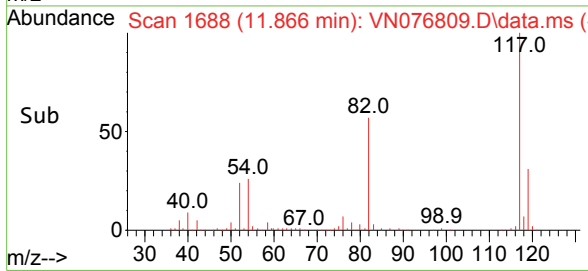
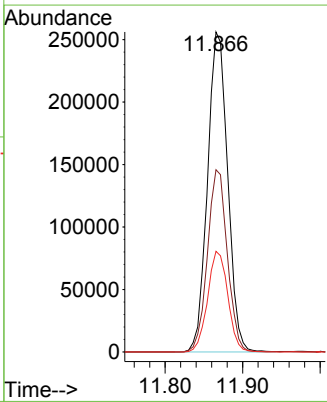
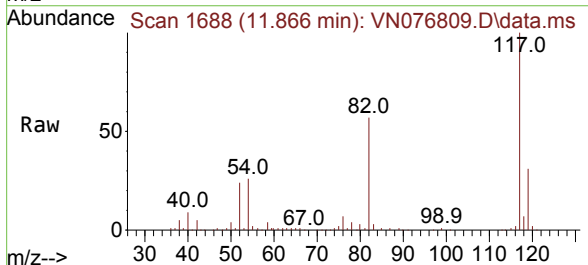
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-022123ME

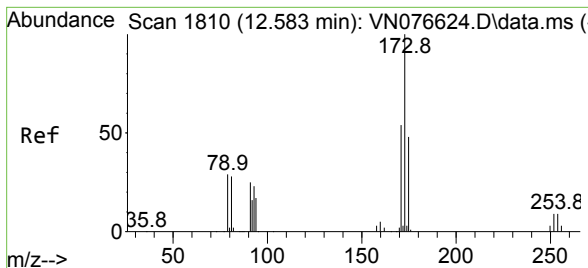
Tgt Ion:	95	Resp:	188383
Ion	Ratio	Lower	Upper
95	100		
174	77.1	0.0	169.2
176	72.9	0.0	163.4



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.866 min Scan# 1688
 Delta R.T. -0.000 min
 Lab File: VN076809.D
 Acq: 24 Feb 2023 15:02

Tgt Ion:	117	Resp:	462457
Ion	Ratio	Lower	Upper
117	100		
82	56.9	43.4	65.2
119	31.5	26.1	39.1





#71

Bromoform

Concen: 0.638 ug/l

RT: 12.854 min Scan# 1810

Delta R.T. 0.271 min

Lab File: VN076809.D

Acq: 24 Feb 2023 15:02

Instrument :

MSVOA_N

ClientSampleId :

OR-02-022123ME

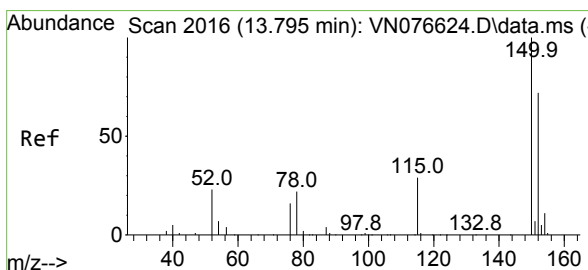
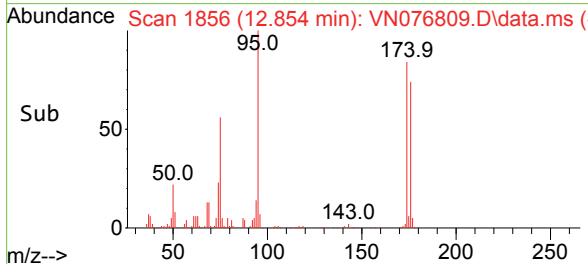
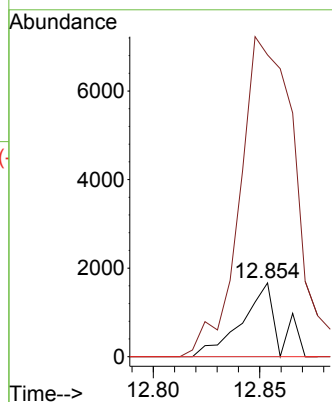
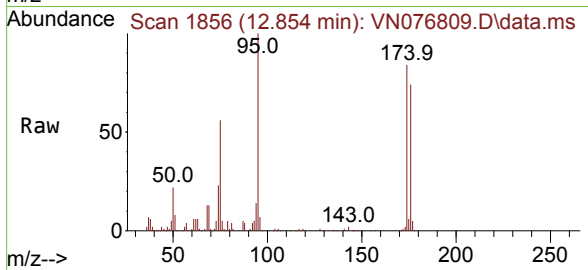
Tgt Ion:173 Resp: 1667

Ion Ratio Lower Upper

173 100

175 593.3 24.9 74.7#

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN076809.D

Acq: 24 Feb 2023 15:02

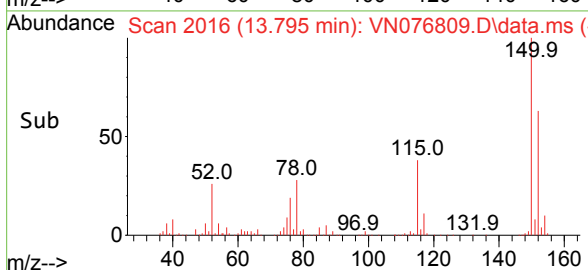
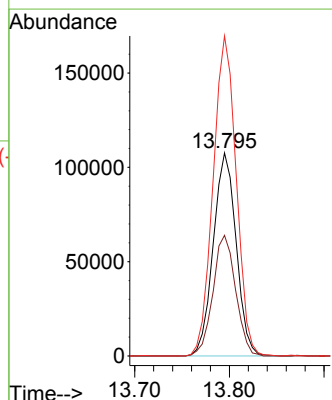
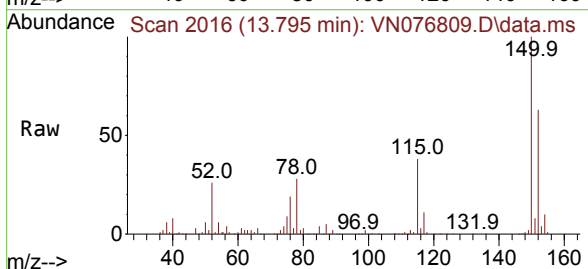
Tgt Ion:152 Resp: 180692

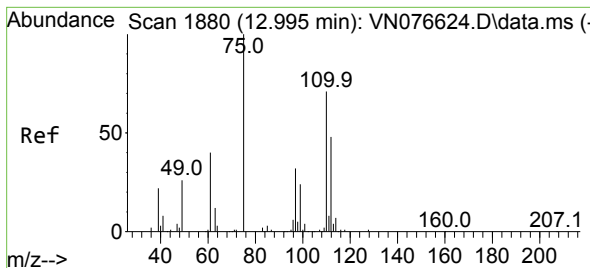
Ion Ratio Lower Upper

152 100

115 59.0 29.3 87.9

150 159.1 0.0 349.8





#76

1,2,3-Trichloropropane

Concen: 28.772 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. -0.141 min

Lab File: VN076809.D

Acq: 24 Feb 2023 15:02

Instrument :

MSVOA_N

ClientSampleId :

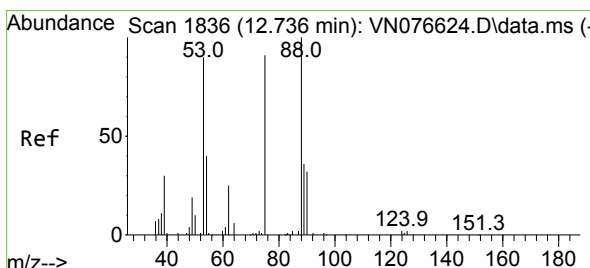
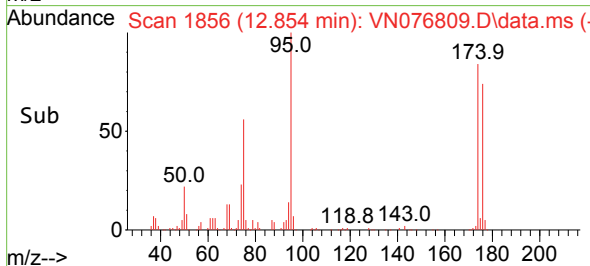
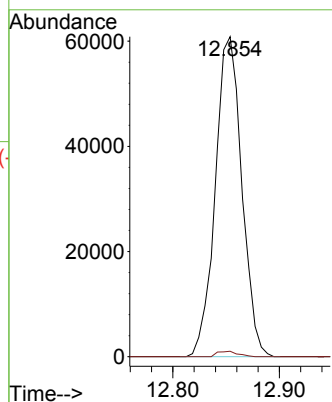
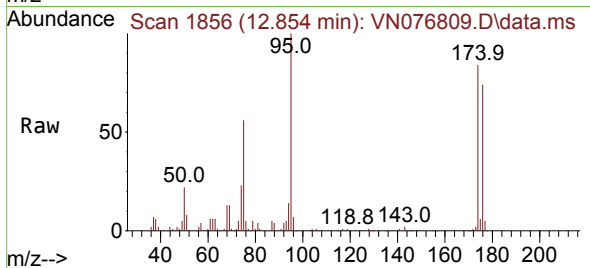
OR-02-022123ME

Tgt Ion: 75 Resp: 105107

Ion Ratio Lower Upper

75 100

77 1.3 93.1 279.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 83.801 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.118 min

Lab File: VN076809.D

Acq: 24 Feb 2023 15:02

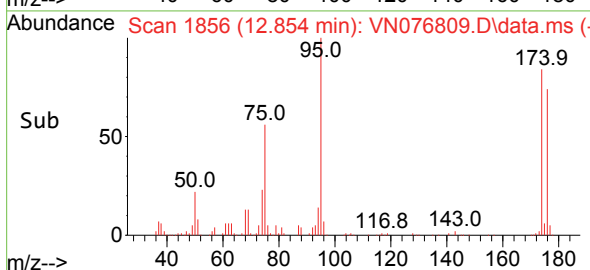
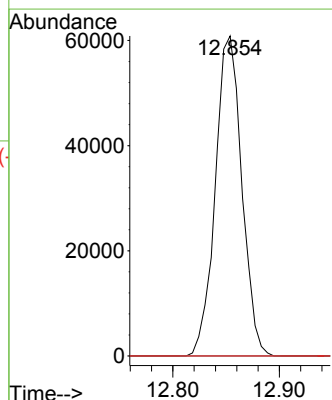
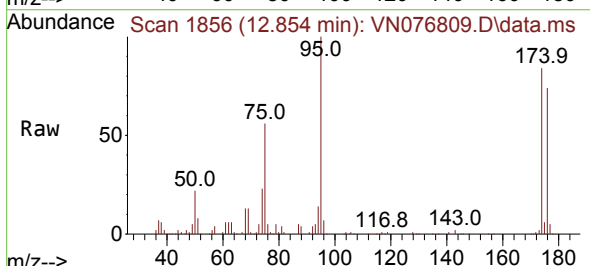
Tgt Ion: 75 Resp: 105107

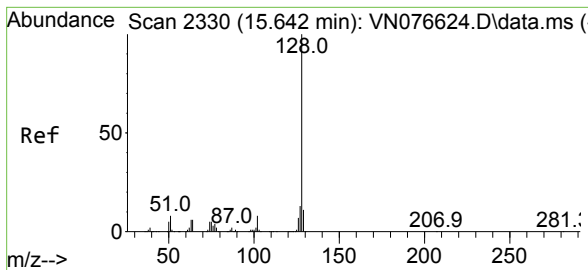
Ion Ratio Lower Upper

75 100

53 0.0 92.1 138.1#

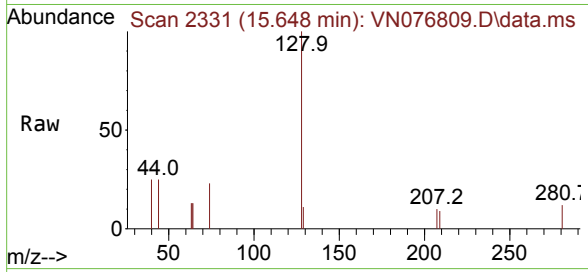
89 0.0 37.5 56.3#





#95
Naphthalene
Concen: 0.277 ug/l
RT: 15.648 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN076809.D
Acq: 24 Feb 2023 15:02

Instrument :
MSVOA_N
ClientSampleId :
OR-02-022123ME



Tgt Ion:	128	Resp:	2687
Ion	Ratio	Lower	Upper
128	100		
127	5.7	10.6	16.0#
129	7.3	8.6	13.0#

