

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082235.D
 Acq On : 21 May 2024 13:04
 Operator : JC\MD
 Sample : P2537-03 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 449

Quant Time: May 22 01:25:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

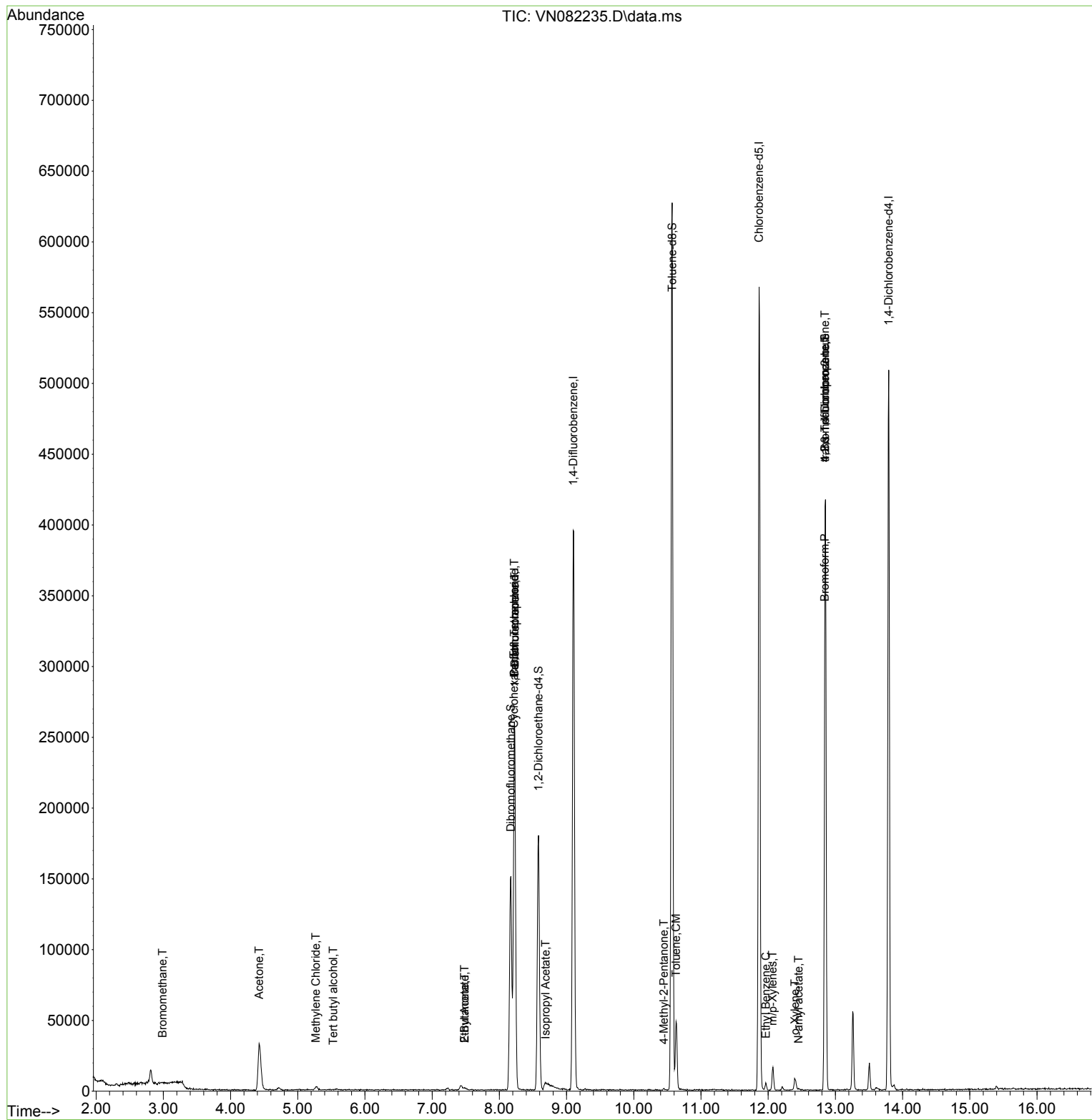
Internal Standards						
1) Pentafluorobenzene	8.224	168	180170	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	319974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	296738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	129239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	147998	52.022	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.040%	
35) Dibromofluoromethane	8.171	113	103417	52.540	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.080%	
50) Toluene-d8	10.571	98	409419	54.253	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.500%	
62) 4-Bromofluorobenzene	12.847	95	138483	51.414	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 102.820%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.989	94	507	0.319	ug/l	89
11) Tert butyl alcohol	5.530	59	222	0.486	ug/l #	71
16) Acetone	4.424	43	66638	57.100	ug/l	90
20) Methylene Chloride	5.271	84	796	0.338	ug/l #	84
25) 2-Butanone	7.482	43	3042	1.719	ug/l #	84
31) Cyclohexane	8.218	56	5251	1.156	ug/l #	55
36) 1,1-Dichloropropene	8.230	75	17514	5.305	ug/l #	49
37) Ethyl Acetate	7.482	43	3042	0.823	ug/l #	68
38) Carbon Tetrachloride	8.224	117	19343	5.780	ug/l #	16
43) Isopropyl Acetate	8.688	43	5379	0.822	ug/l #	52
51) 4-Methyl-2-Pentanone	10.447	43	985	0.265	ug/l #	66
52) Toluene	10.629	92	19998	3.385	ug/l	99
67) Ethyl Benzene	11.965	91	3816	0.325	ug/l	94
68) m/p-Xylenes	12.065	106	4794	1.115	ug/l	96
69) o-Xylene	12.400	106	2197	0.528	ug/l	81
71) Bromoform	12.841	173	325	0.888	ug/l #	28
74) N-amyl acetate	12.453	43	1138	0.202	ug/l #	39
76) 1,2,3-Trichloropropane	12.847	75	82345	30.272	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	82345	70.805	ug/l #	12

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

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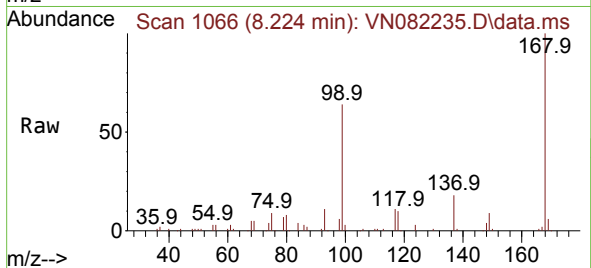
Quant Time: May 22 01:25:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration



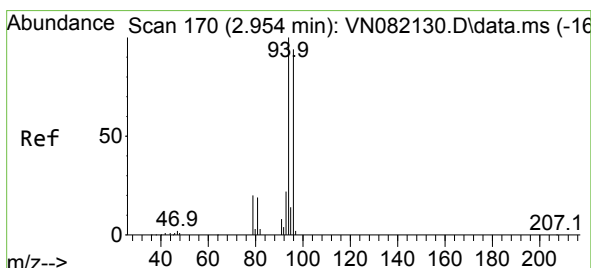
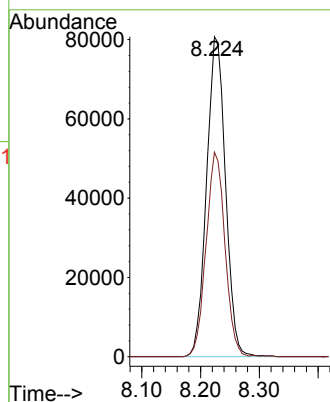
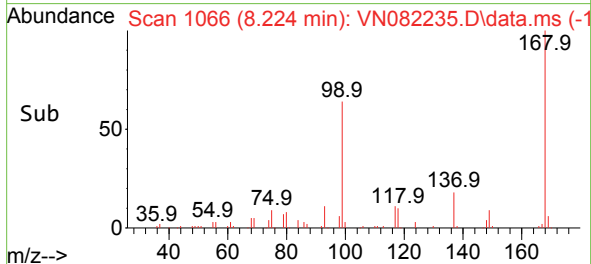


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082235.D
Acq: 21 May 2024 13:04

Instrument :
MSVOA_N
ClientSampleId :
449

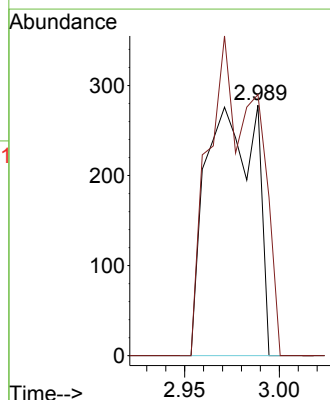
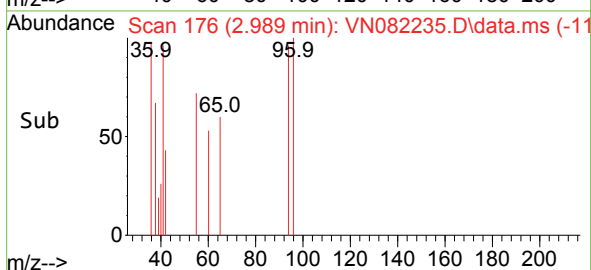
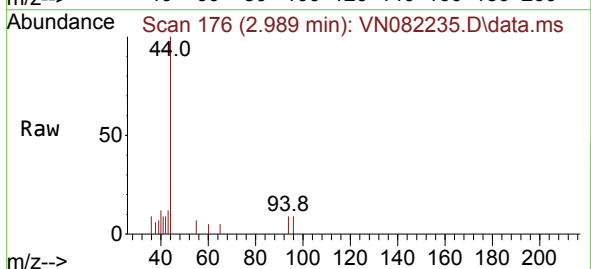


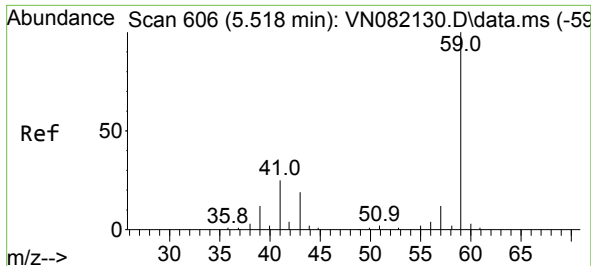
Tgt Ion:168 Resp: 180170
Ion Ratio Lower Upper
168 100
99 63.9 48.2 72.4



#5
Bromomethane
Concen: 0.319 ug/l
RT: 2.989 min Scan# 176
Delta R.T. 0.035 min
Lab File: VN082235.D
Acq: 21 May 2024 13:04

Tgt Ion: 94 Resp: 507
Ion Ratio Lower Upper
94 100
96 104.3 74.8 112.2

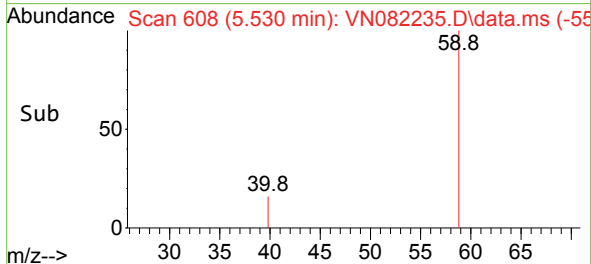
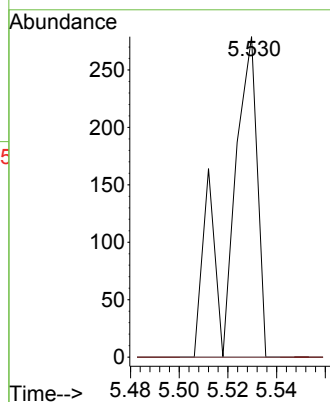
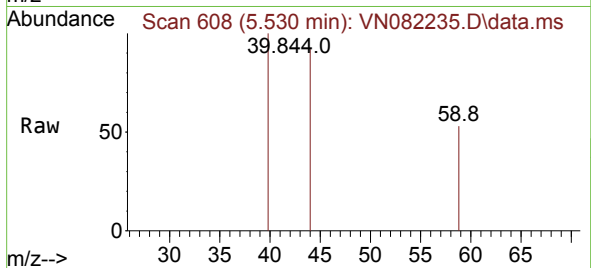




#11
Tert butyl alcohol
Concen: 0.486 ug/l
RT: 5.530 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN082235.D
Acq: 21 May 2024 13:04

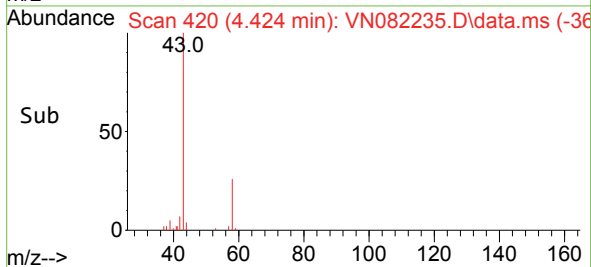
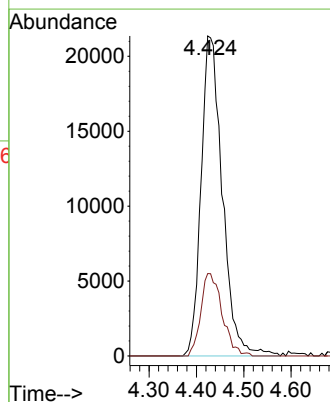
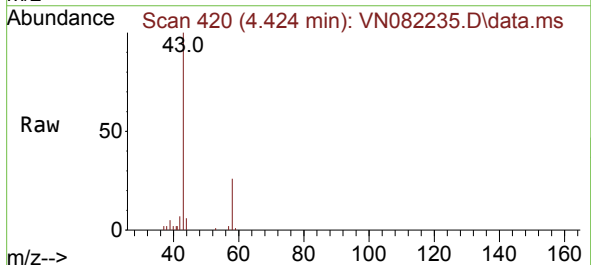
Instrument :
MSVOA_N
ClientSampleId :
449

Tgt Ion: 59 Resp: 222
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#16
Acetone
Concen: 57.100 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN082235.D
Acq: 21 May 2024 13:04

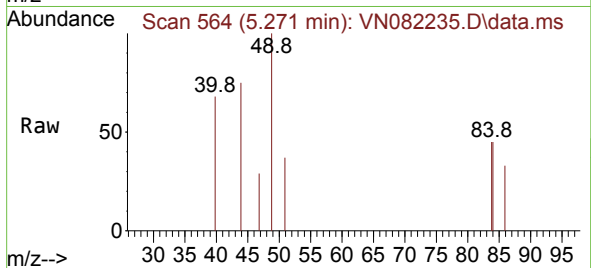
Tgt Ion: 43 Resp: 66638
Ion Ratio Lower Upper
43 100
58 25.8 25.2 37.8



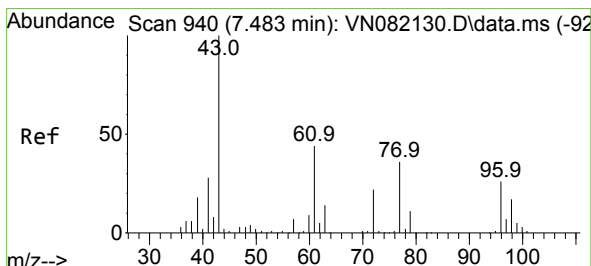
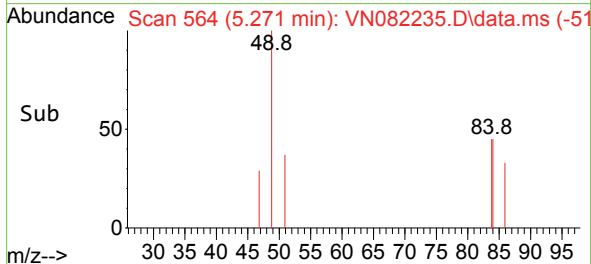
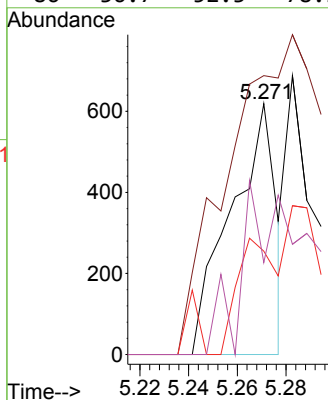


#20
Methylene Chloride
Concen: 0.338 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN082235.D
Acq: 21 May 2024 13:04

Instrument :
MSVOA_N
ClientSampleId :
449

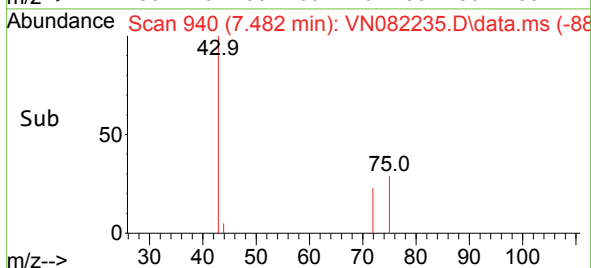
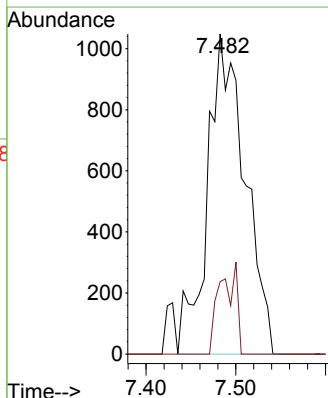
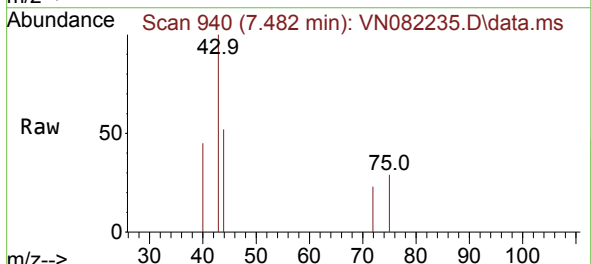


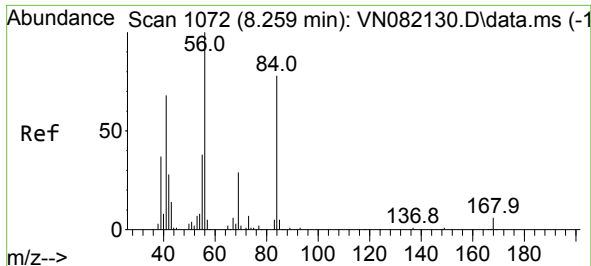
Tgt Ion:	84	Resp:	796
Ion	Ratio	Lower	Upper
84	100		
49	111.1	84.9	127.3
51	41.2	27.0	40.6#
86	36.7	52.3	78.5#



#25
2-Butanone
Concen: 1.719 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082235.D
Acq: 21 May 2024 13:04

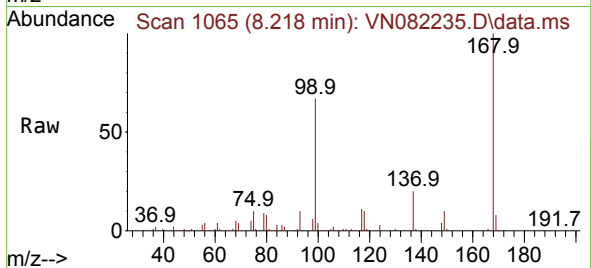
Tgt Ion:	43	Resp:	3042
Ion	Ratio	Lower	Upper
43	100		
72	22.6	25.3	37.9#



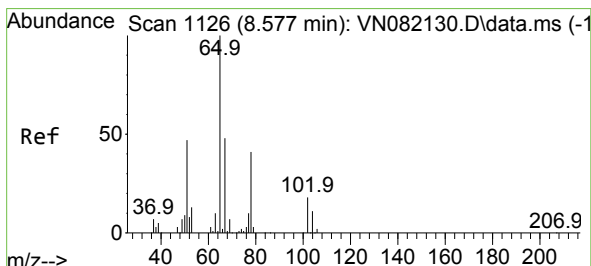
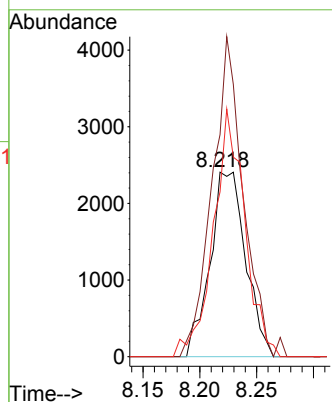
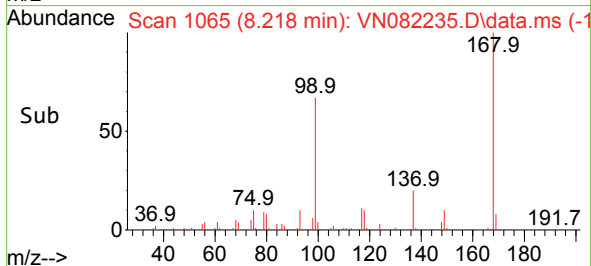


#31
Cyclohexane
Concen: 1.156 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN082235.D
Acq: 21 May 2024 13:04

Instrument :
MSVOA_N
ClientSampleId :
449

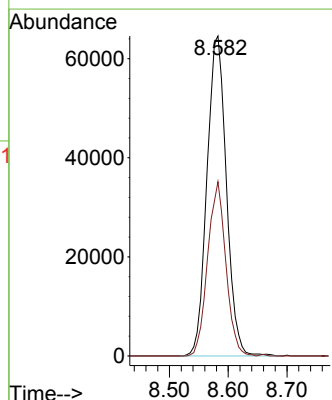
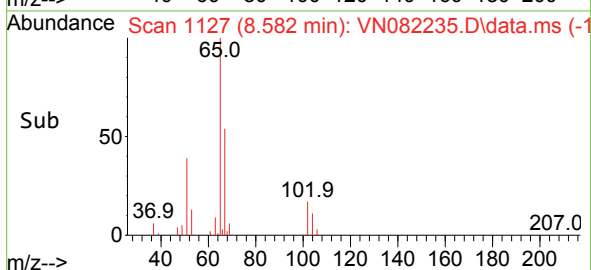
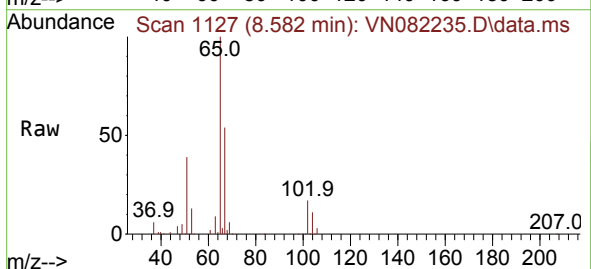


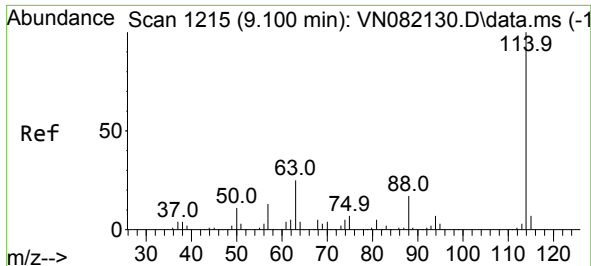
Tgt Ion: 56 Resp: 5251
Ion Ratio Lower Upper
56 100
69 120.3 24.4 36.6#
84 89.3 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 52.022 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082235.D
Acq: 21 May 2024 13:04

Tgt Ion: 65 Resp: 147998
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.0

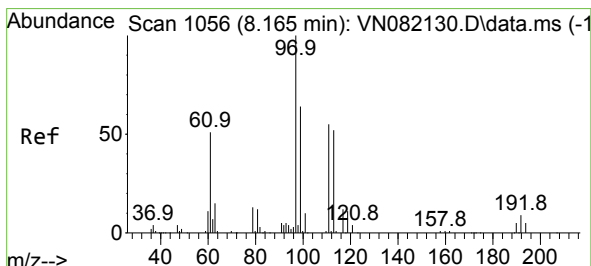
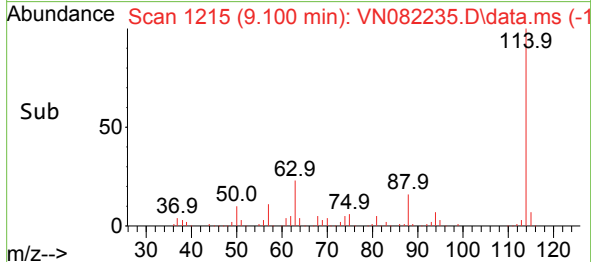
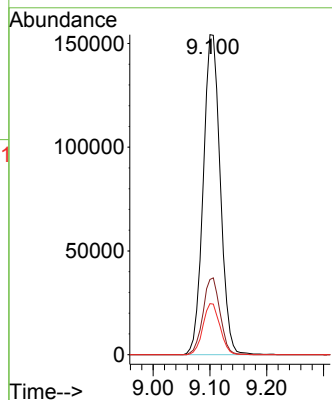
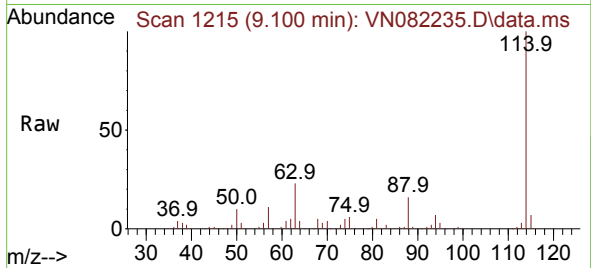




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082235.D
Acq: 21 May 2024 13:04

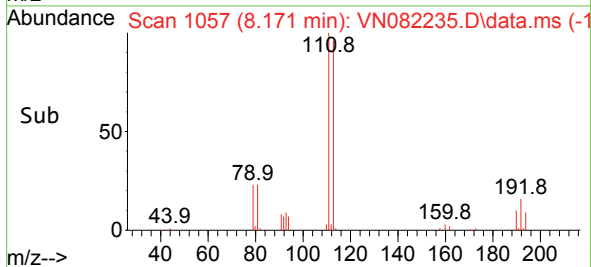
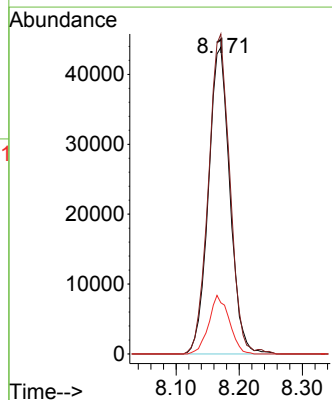
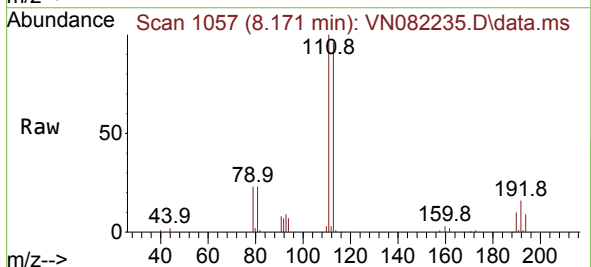
Instrument :
MSVOA_N
ClientSampleId :
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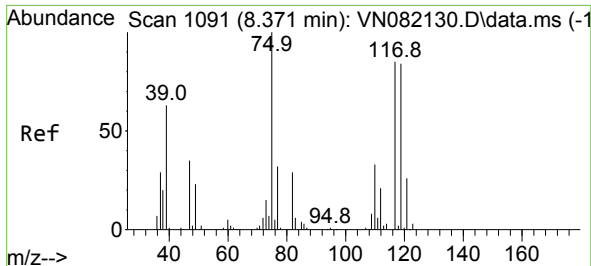
Tgt Ion:114 Resp: 319974
Ion Ratio Lower Upper
114 100
63 23.5 0.0 41.0
88 15.9 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.540 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082235.D
Acq: 21 May 2024 13:04

Tgt Ion:113 Resp: 103417
Ion Ratio Lower Upper
113 100
111 104.5 83.4 125.2
192 18.3 14.0 21.0





#36

1,1-Dichloropropene

Concen: 5.305 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.141 min

Lab File: VN082235.D

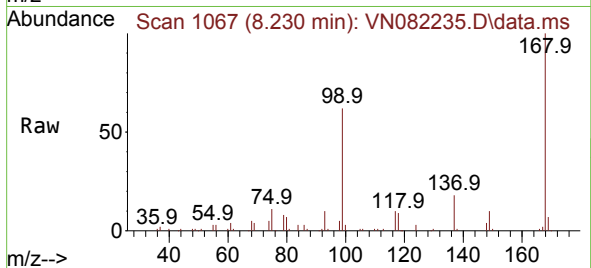
Acq: 21 May 2024 13:04

Instrument :

MSVOA_N

ClientSampleId :

449



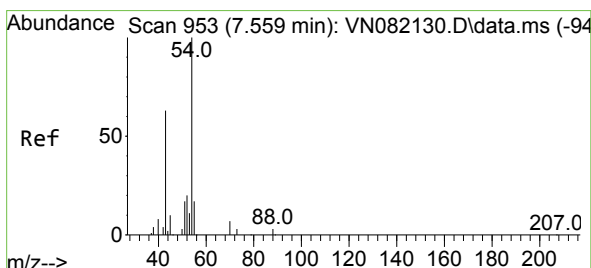
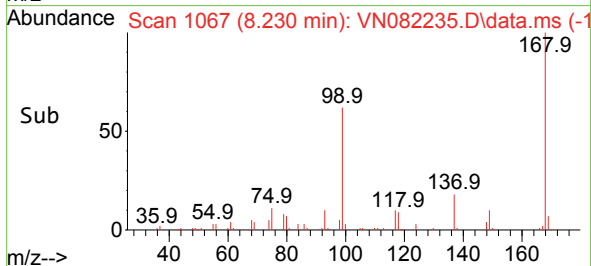
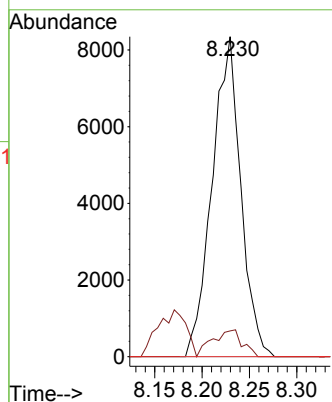
Tgt Ion: 75 Resp: 17514

Ion Ratio Lower Upper

75 100

110 8.7 17.8 53.5#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 0.823 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.077 min

Lab File: VN082235.D

Acq: 21 May 2024 13:04

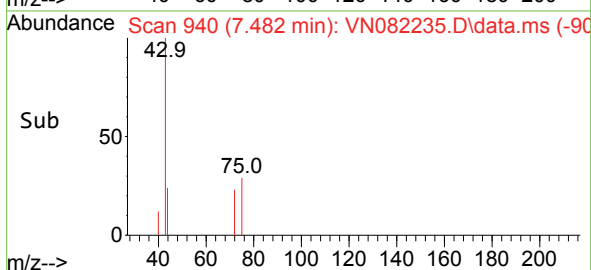
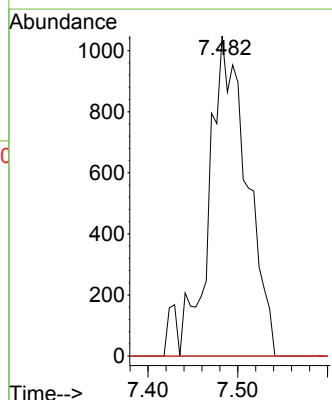
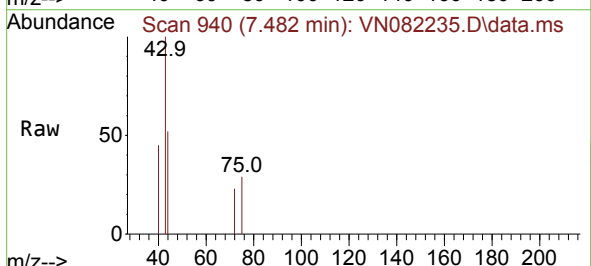
Tgt Ion: 43 Resp: 3042

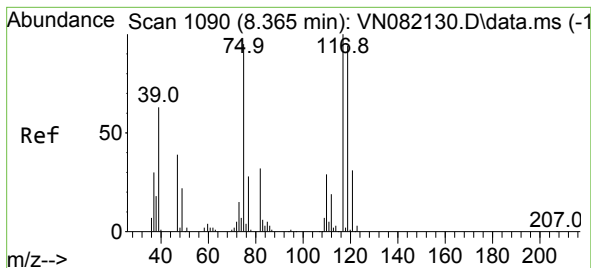
Ion Ratio Lower Upper

43 100

61 0.0 11.3 16.9#

70 0.0 8.7 13.1#





#38

Carbon Tetrachloride

Concen: 5.780 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN082235.D

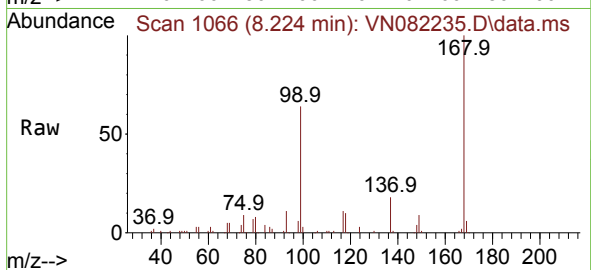
Acq: 21 May 2024 13:04

Instrument :

MSVOA_N

ClientSampleId :

449



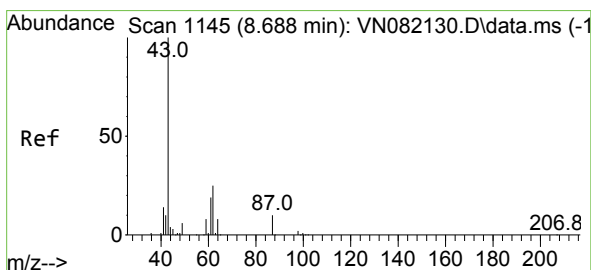
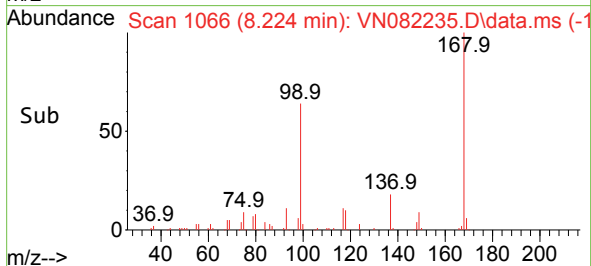
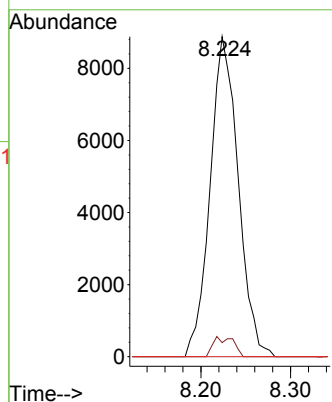
Tgt Ion:117 Resp: 19343

Ion Ratio Lower Upper

117 100

119 4.4 76.5 114.7#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 0.822 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN082235.D

Acq: 21 May 2024 13:04

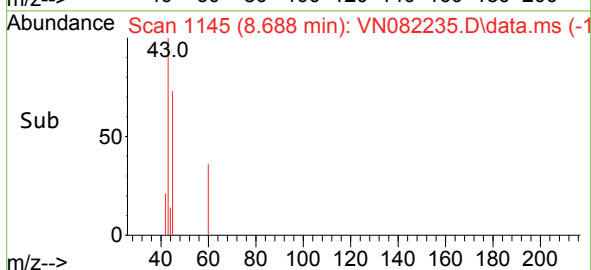
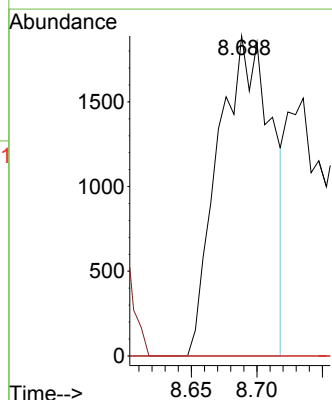
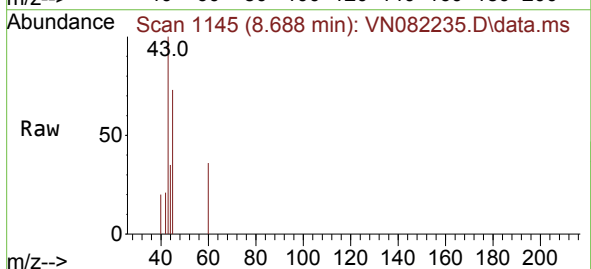
Tgt Ion: 43 Resp: 5379

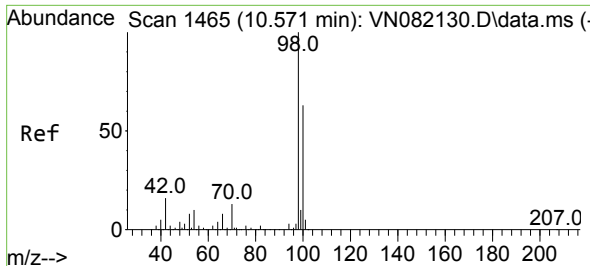
Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 12.0 18.0#

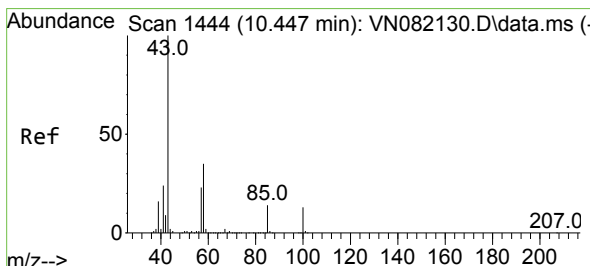
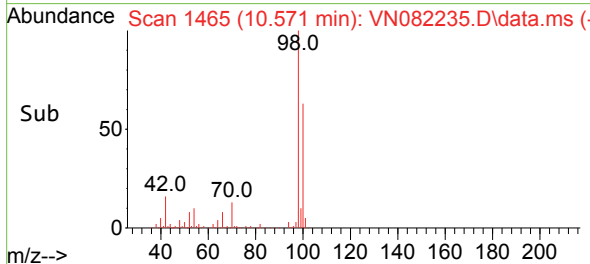
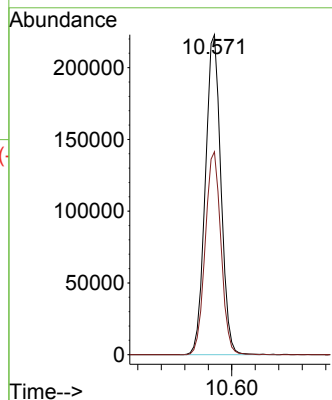
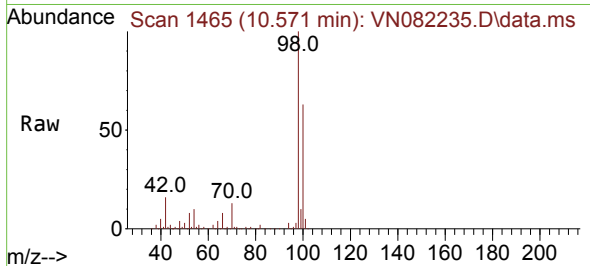




#50
Toluene-d8
Concen: 54.253 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082235.D
Acq: 21 May 2024 13:04

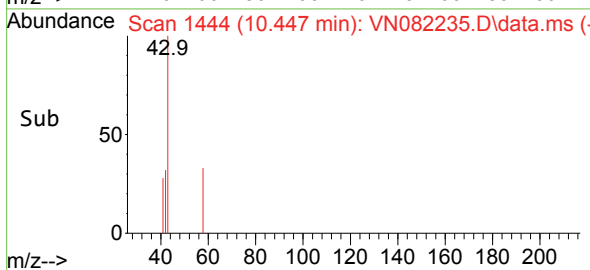
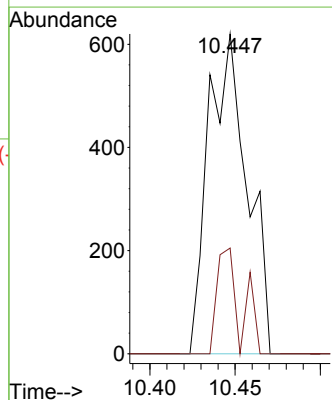
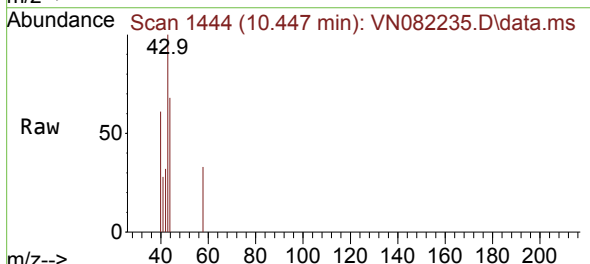
Instrument :
MSVOA_N
ClientSampleId :
449

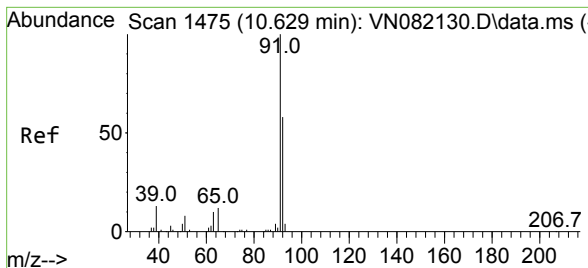
Tgt Ion: 98 Resp: 409419
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 0.265 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082235.D
Acq: 21 May 2024 13:04

Tgt Ion: 43 Resp: 985
Ion Ratio Lower Upper
43 100
58 19.9 33.2 49.8#





#52

Toluene

Concen: 3.385 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN082235.D

Acq: 21 May 2024 13:04

Instrument :

MSVOA_N

ClientSampleId :

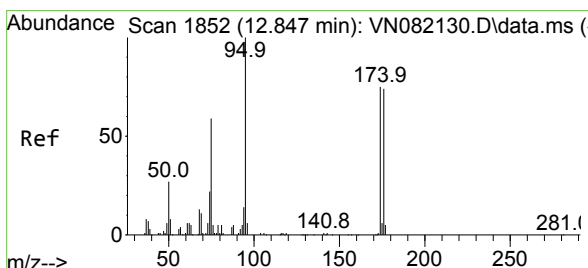
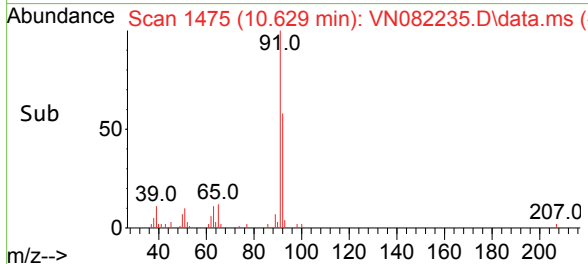
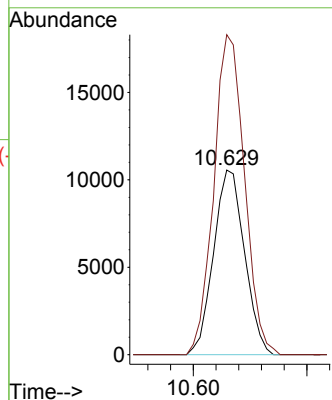
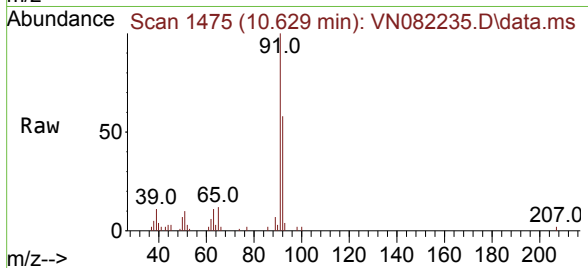
449

Tgt Ion: 92 Resp: 19998

Ion Ratio Lower Upper

92 100

91 171.8 136.7 205.1



#62

4-Bromofluorobenzene

Concen: 51.414 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN082235.D

Acq: 21 May 2024 13:04

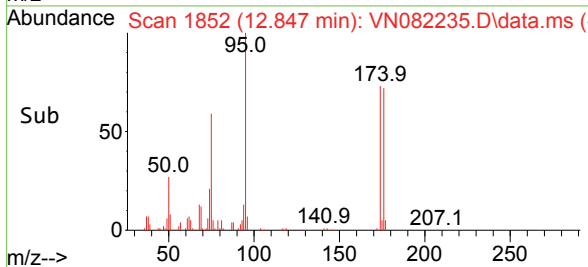
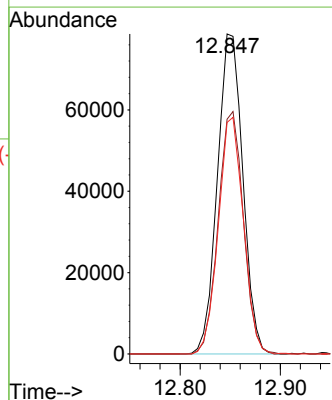
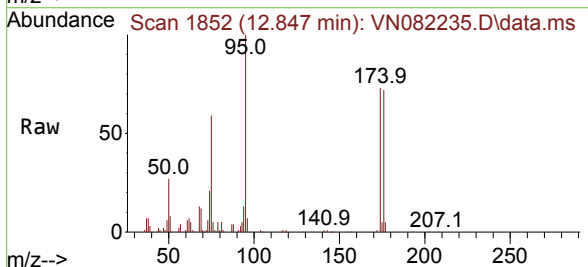
Tgt Ion: 95 Resp: 138483

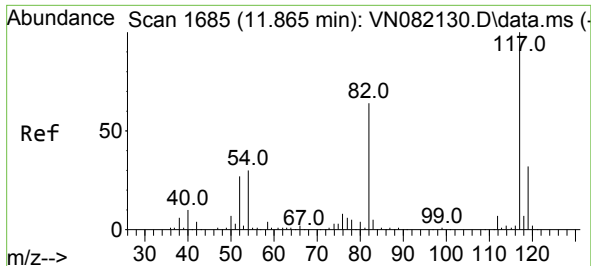
Ion Ratio Lower Upper

95 100

174 75.0 0.0 160.6

176 72.9 0.0 152.8

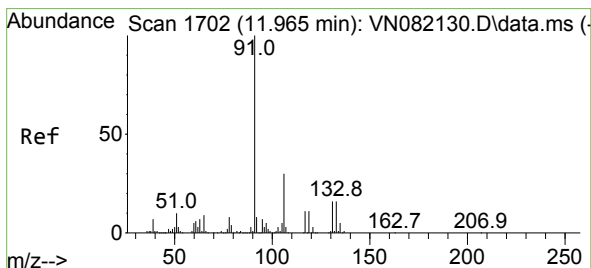
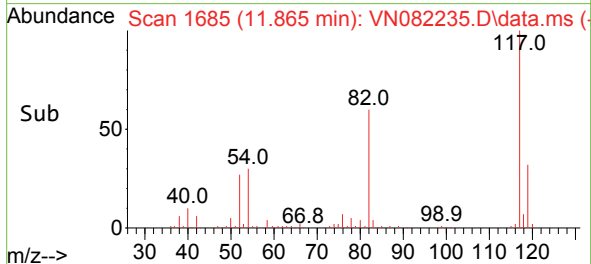
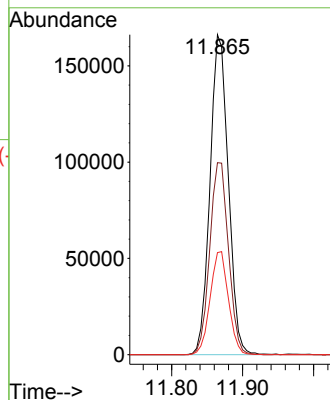
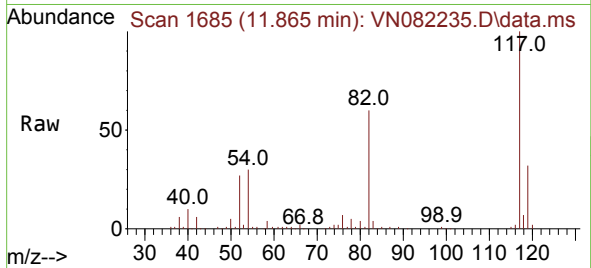




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN082235.D
Acq: 21 May 2024 13:04

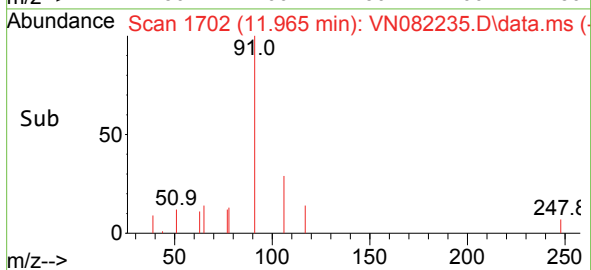
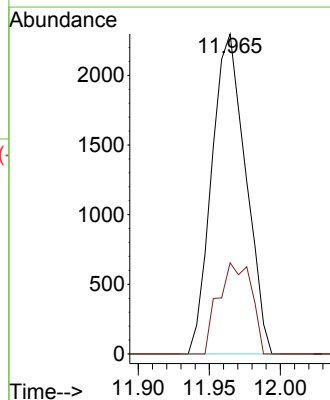
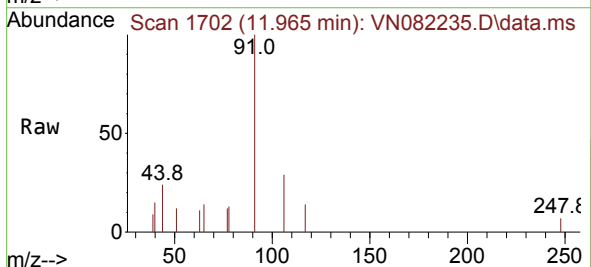
Instrument :
MSVOA_N
ClientSampleId :
449

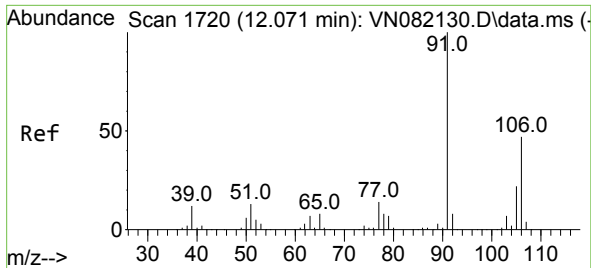
Tgt Ion:117 Resp: 296738
Ion Ratio Lower Upper
117 100
82 60.0 44.6 66.8
119 31.9 25.9 38.9



#67
Ethyl Benzene
Concen: 0.325 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082235.D
Acq: 21 May 2024 13:04

Tgt Ion: 91 Resp: 3816
Ion Ratio Lower Upper
91 100
106 28.5 25.3 37.9

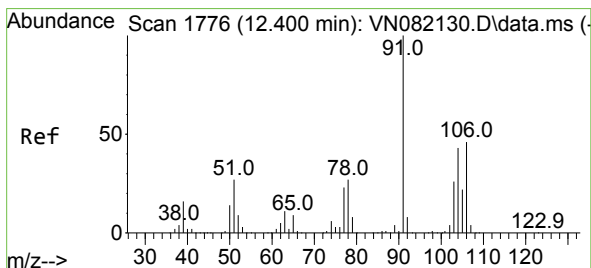
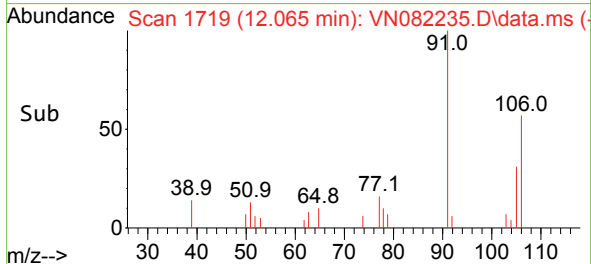
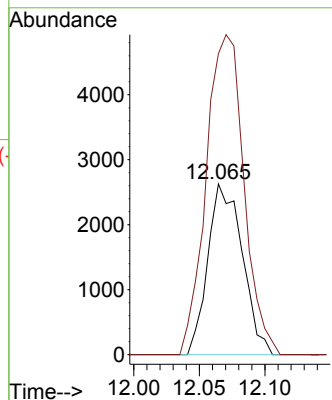
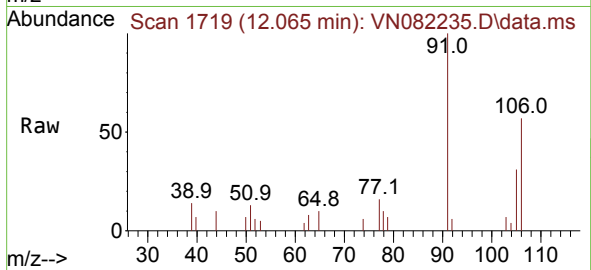




#68
m/p-Xylenes
Concen: 1.115 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN082235.D
Acq: 21 May 2024 13:04

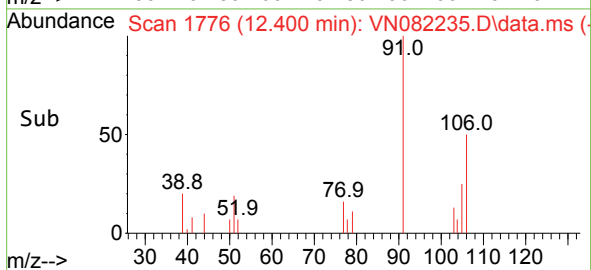
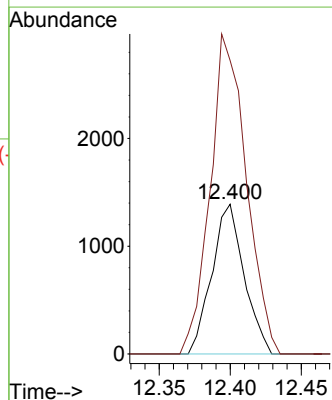
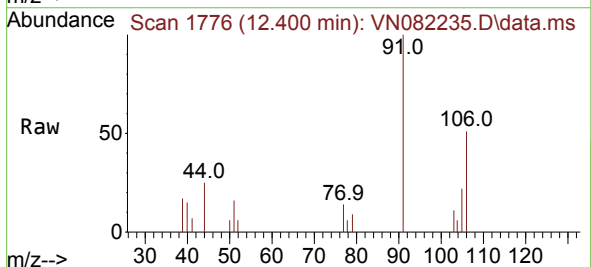
Instrument :
MSVOA_N
ClientSampleId :
449

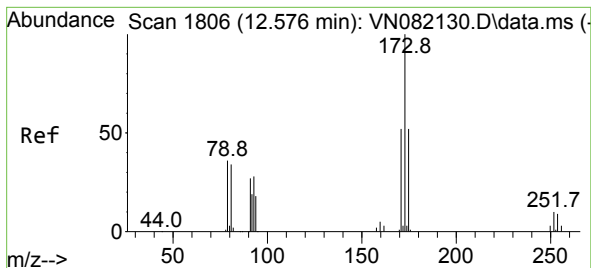
Tgt Ion:106 Resp: 4794
Ion Ratio Lower Upper
106 100
91 205.9 159.4 239.0



#69
o-Xylene
Concen: 0.528 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082235.D
Acq: 21 May 2024 13:04

Tgt Ion:106 Resp: 2197
Ion Ratio Lower Upper
106 100
91 238.8 104.7 314.1





#71

Bromoform

Concen: 0.888 ug/l

RT: 12.841 min Scan# 11

Delta R.T. 0.265 min

Lab File: VN082235.D

Acq: 21 May 2024 13:04

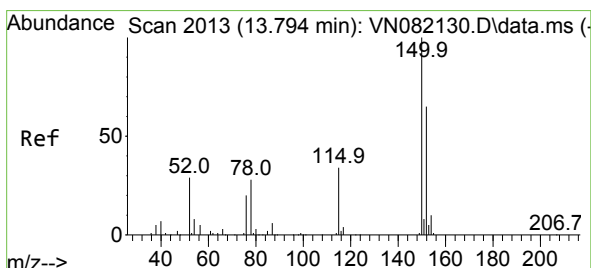
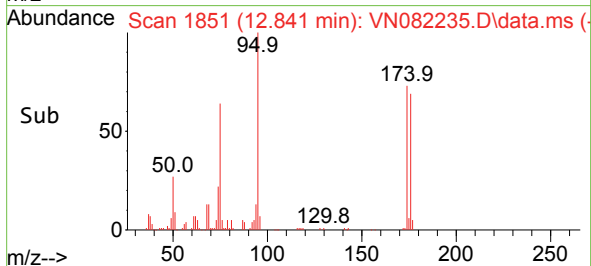
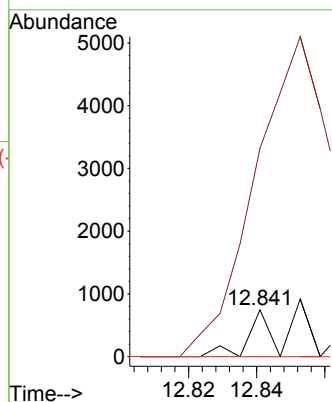
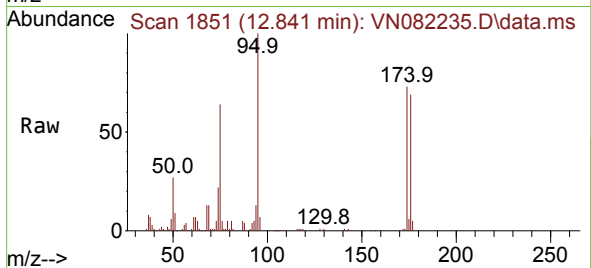
Instrument :

MSVOA_N

ClientSampleId :

449

Tgt Ion:173	Resp:	325
Ion Ratio	Lower	Upper
173	100	
175	0.0	24.6
254	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

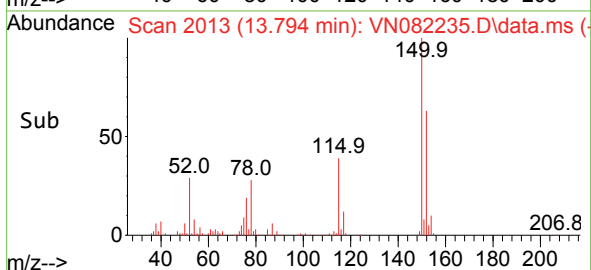
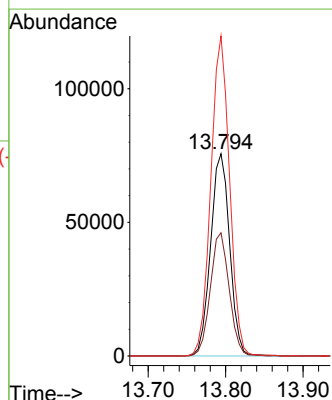
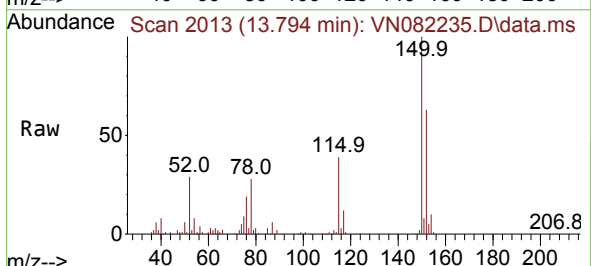
RT: 13.794 min Scan# 2013

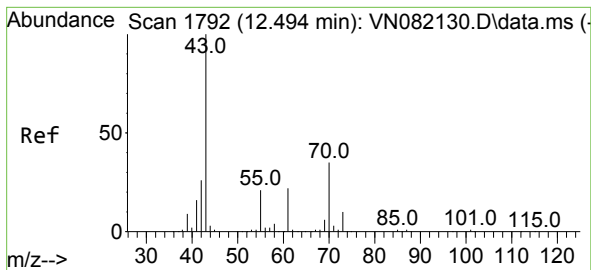
Delta R.T. -0.000 min

Lab File: VN082235.D

Acq: 21 May 2024 13:04

Tgt Ion:152	Resp:	129239
Ion Ratio	Lower	Upper
152	100	
115	60.3	30.4
150	155.2	0.0

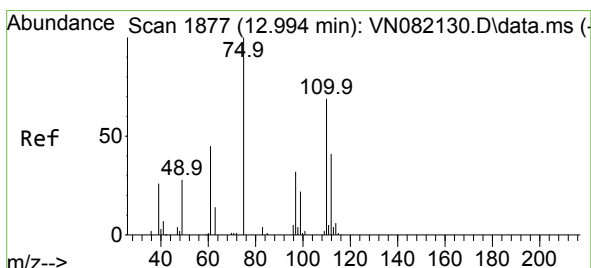
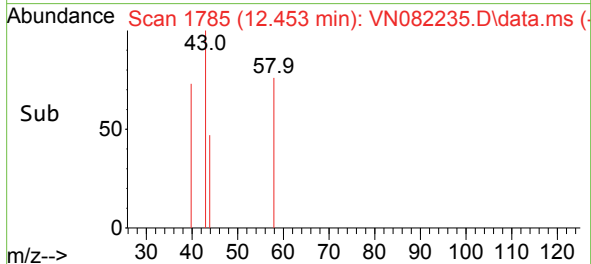
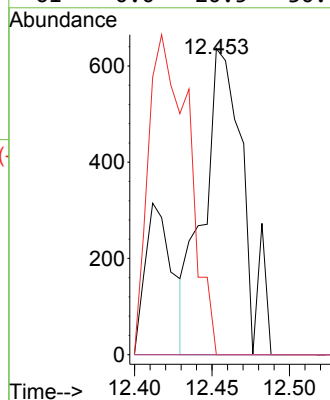
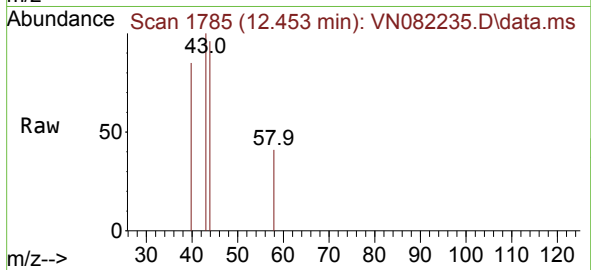




#74
N-amy1 acetate
Concen: 0.202 ug/l
RT: 12.453 min Scan# 1138
Delta R.T. -0.041 min
Lab File: VN082235.D
Acq: 21 May 2024 13:04

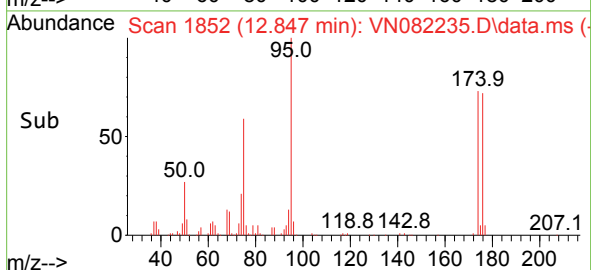
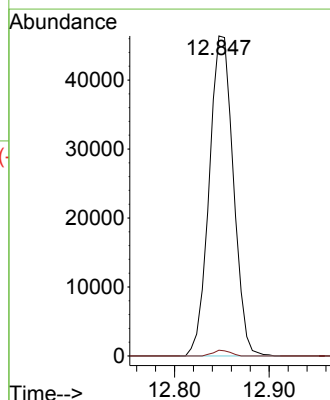
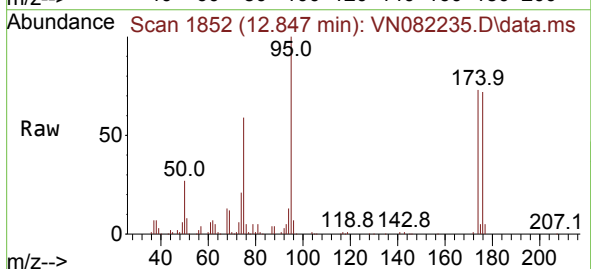
Instrument :
MSVOA_N
ClientSampleId :
449

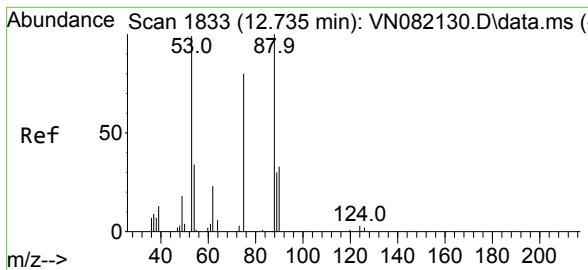
Tgt Ion:	43	Resp:	1138
Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.0	58.4#
55	0.0	21.3	31.9#
61	0.0	20.5	30.7#



#76
1,2,3-Trichloropropane
Concen: 30.272 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082235.D
Acq: 21 May 2024 13:04

Tgt Ion:	75	Resp:	82345
Ion	Ratio	Lower	Upper
75	100		
77	1.3	90.5	271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.805 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN082235.D
 Acq: 21 May 2024 13:04

Instrument :
 MSVOA_N
 ClientSampleId :
 449

Tgt Ion: 75 Resp: 82345
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.9 109.3#
 89 0.0 39.1 58.7#

