

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052324\
 Data File : VN082317.D
 Acq On : 23 May 2024 13:29
 Operator : JC\MD
 Sample : P2556-01 20X
 Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 24 04:16:55 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)

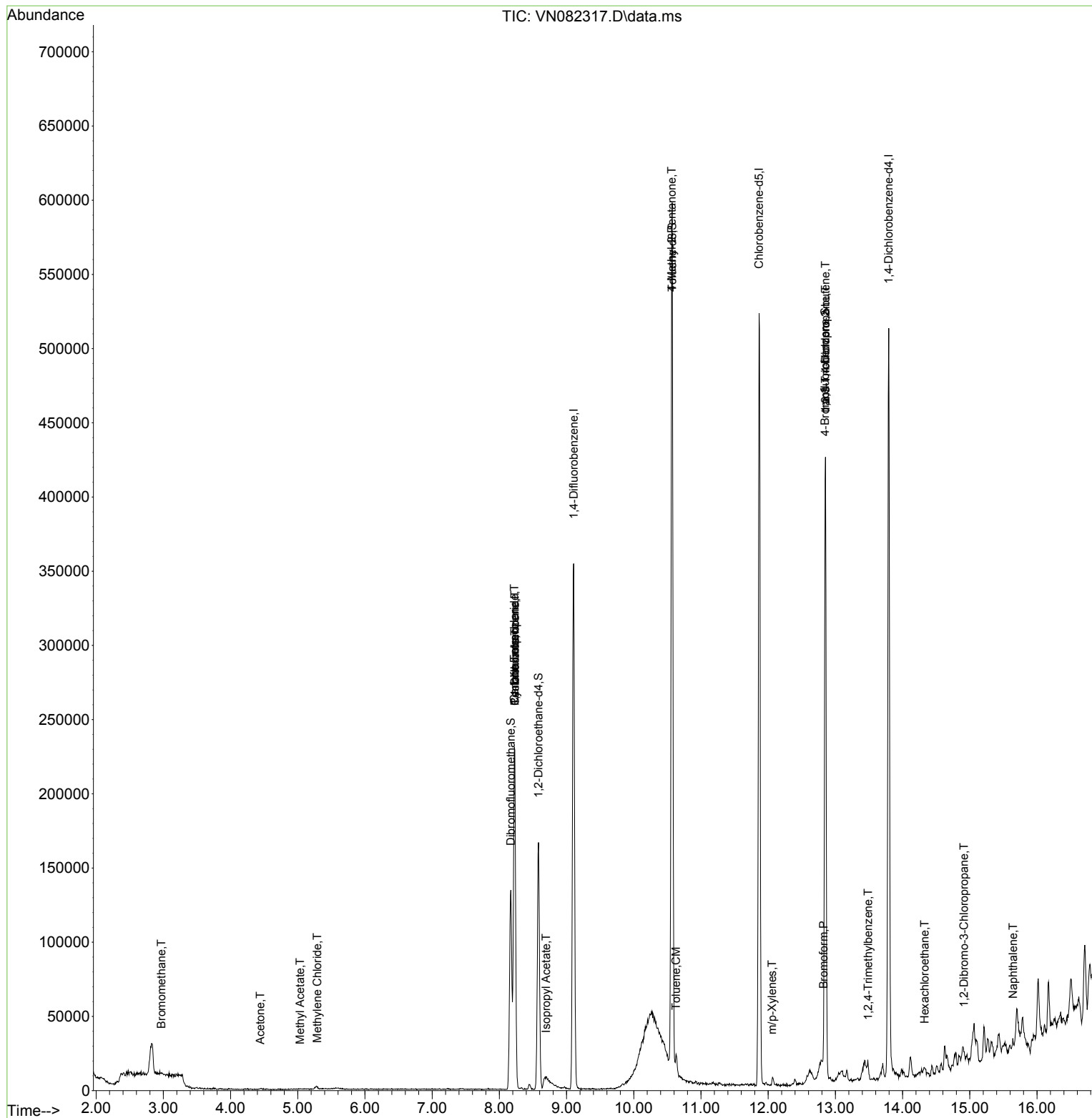
Internal Standards						
1) Pentafluorobenzene	8.230	168	161694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	285956	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	276530	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	123514	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	135497	53.070	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.140%	
35) Dibromofluoromethane	8.171	113	92798	52.754	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.500%	
50) Toluene-d8	10.571	98	382339	56.692	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 113.380%#	
62) 4-Bromofluorobenzene	12.847	95	133216	55.342	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 110.680%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.971	94	696	0.488	ug/l #	67
16) Acetone	4.442	43	514	0.491	ug/l #	43
18) Methyl Acetate	5.036	43	597	0.229	ug/l #	47
20) Methylene Chloride	5.289	84	1086	0.514	ug/l #	77
31) Cyclohexane	8.230	56	5104	1.252	ug/l #	59
36) 1,1-Dichloropropene	8.230	75	15297	5.185	ug/l #	49
38) Carbon Tetrachloride	8.224	117	17116	5.723	ug/l #	18
43) Isopropyl Acetate	8.694	43	16766	2.866	ug/l #	52
51) 4-Methyl-2-Pentanone	10.565	43	3152	0.948	ug/l #	1
52) Toluene	10.629	92	4974	0.942	ug/l	87
68) m/p-Xylenes	12.059	106	1254	0.313	ug/l #	66
71) Bromoform	12.823	173	59	0.737	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	80371	30.916	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	80371	72.311	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.488	105	4315	0.532	ug/l	93
90) Hexachloroethane	14.329	117	306	0.211	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.912	75	1334	2.295	ug/l #	2
95) Naphthalene	15.647	128	4024	0.571	ug/l #	83

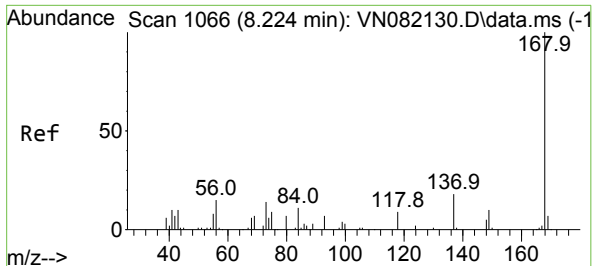
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

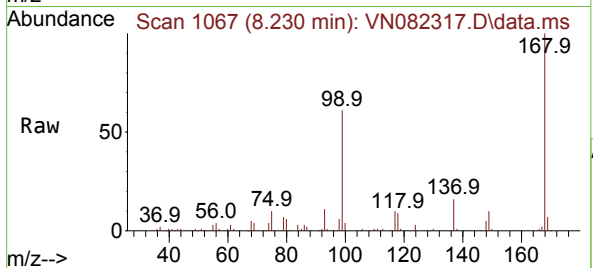
Quant Time: May 24 04:16:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration



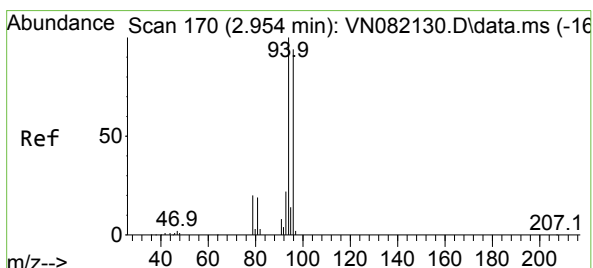
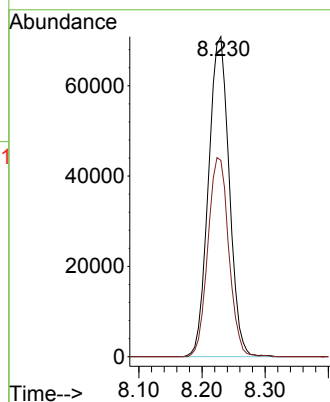
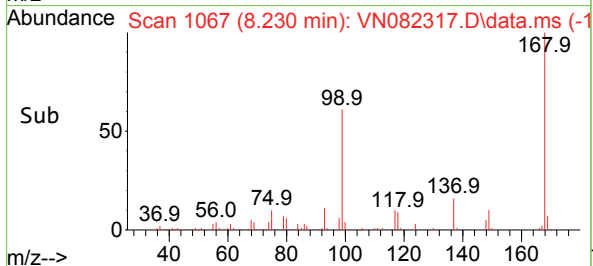


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN082317.D
Acq: 23 May 2024 13:29

Instrument :
MSVOA_N
ClientSampleId :

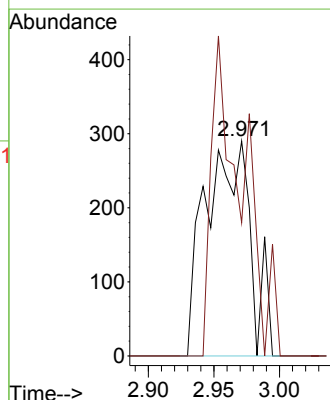
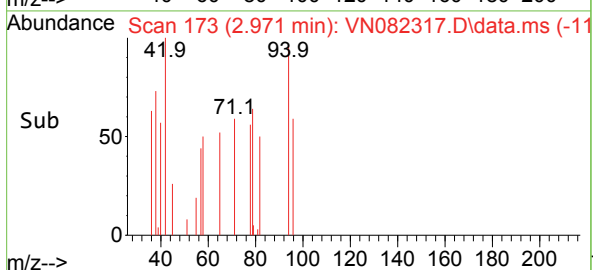
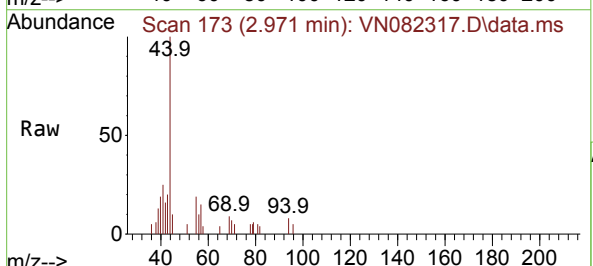


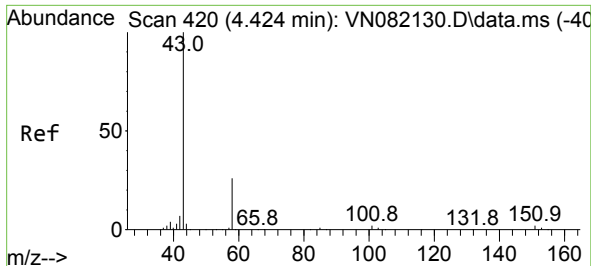
Tgt Ion:168 Resp: 161694
Ion Ratio Lower Upper
168 100
99 61.4 48.2 72.4



#5
Bromomethane
Concen: 0.488 ug/l
RT: 2.971 min Scan# 173
Delta R.T. 0.018 min
Lab File: VN082317.D
Acq: 23 May 2024 13:29

Tgt Ion: 94 Resp: 696
Ion Ratio Lower Upper
94 100
96 62.1 74.8 112.2#

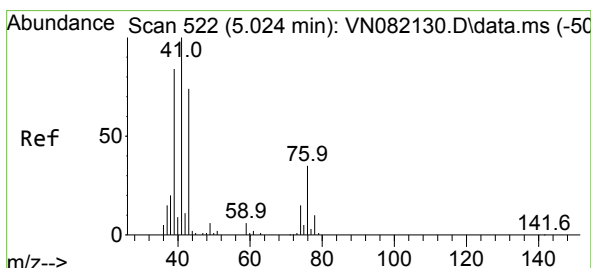
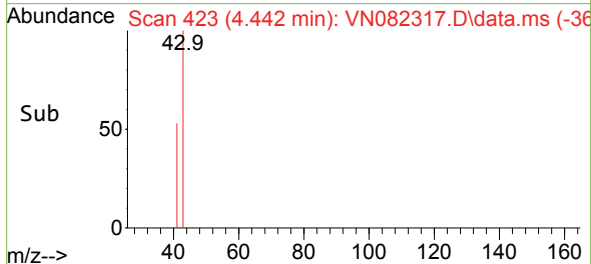
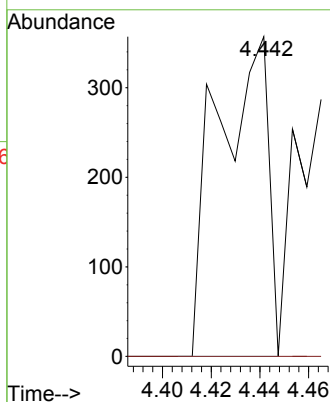
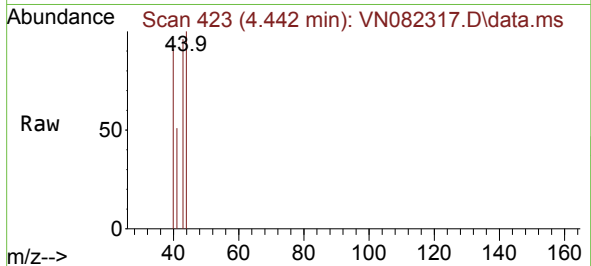




#16
Acetone
Concen: 0.491 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN082317.D
Acq: 23 May 2024 13:29

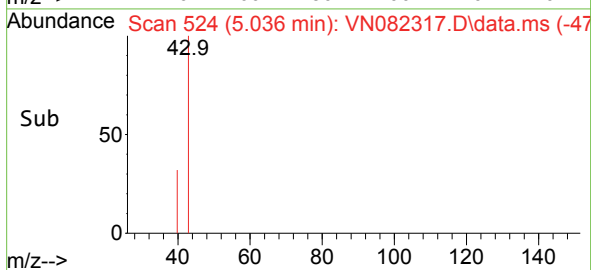
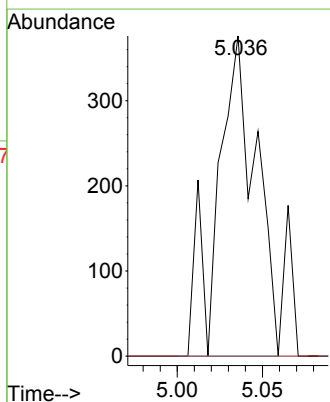
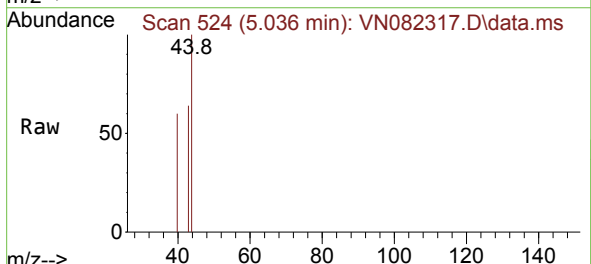
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 514
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



#18
Methyl Acetate
Concen: 0.229 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN082317.D
Acq: 23 May 2024 13:29

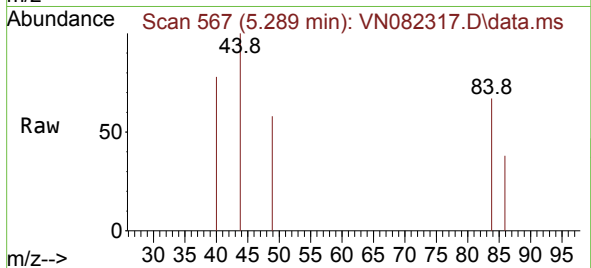
Tgt Ion: 43 Resp: 597
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.2#



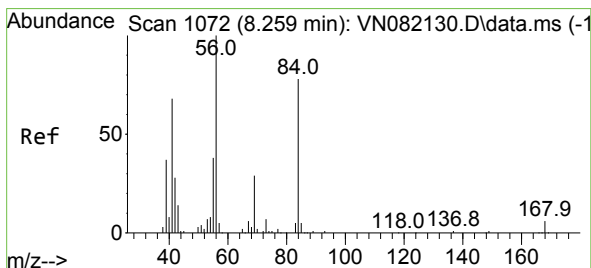
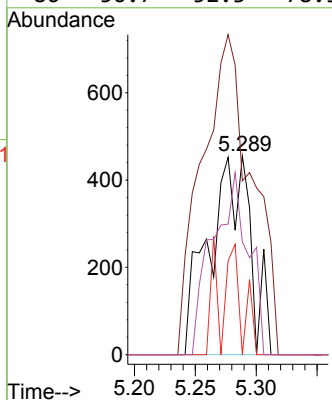


#20
Methylene Chloride
Concen: 0.514 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN082317.D
Acq: 23 May 2024 13:29

Instrument :
MSVOA_N
ClientSampleId :

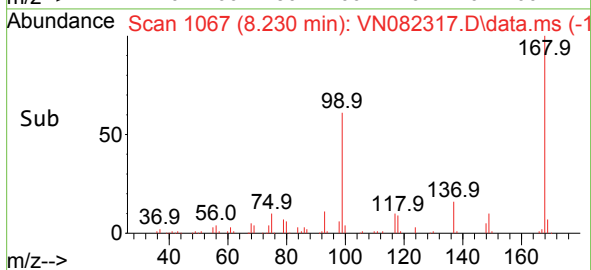
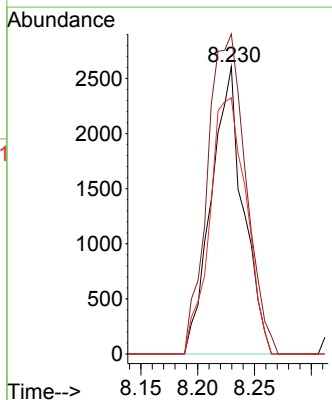
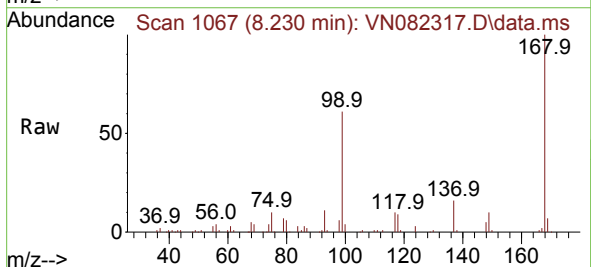


Tgt Ion:	84	Resp:	1086
Ion	Ratio	Lower	Upper
84	100		
49	87.5	84.9	127.3
51	0.0	27.0	40.6#
86	56.7	52.3	78.5



#31
Cyclohexane
Concen: 1.252 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082317.D
Acq: 23 May 2024 13:29

Tgt Ion:	56	Resp:	5104
Ion	Ratio	Lower	Upper
56	100		
69	111.4	24.4	36.6#
84	89.2	77.0	115.4





#33

1,2-Dichloroethane-d4

Concen: 53.070 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082317.D

Acq: 23 May 2024 13:29

Instrument :

MSVOA_N

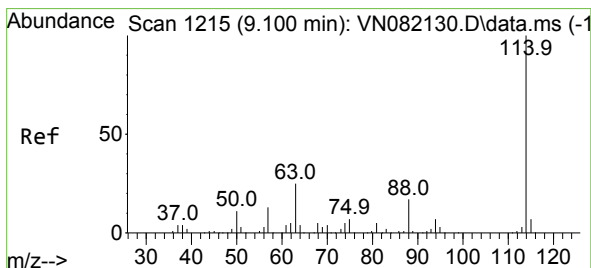
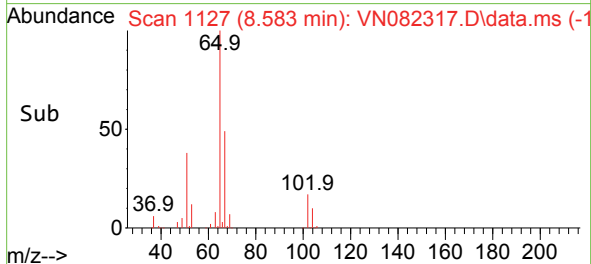
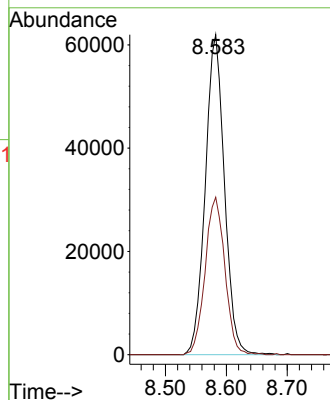
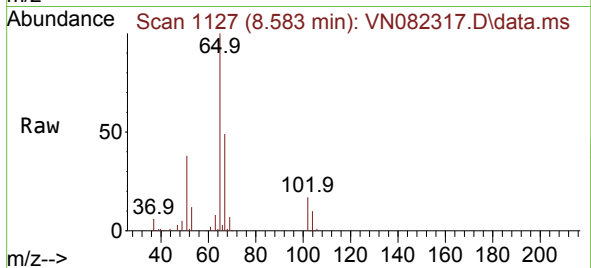
ClientSampleId :

Tgt Ion: 65 Resp: 135497

Ion Ratio Lower Upper

65 100

67 50.7 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082317.D

Acq: 23 May 2024 13:29

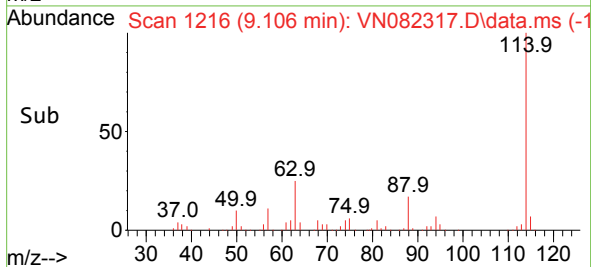
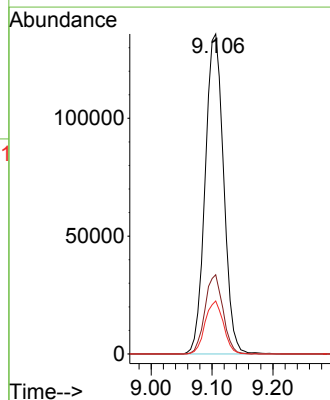
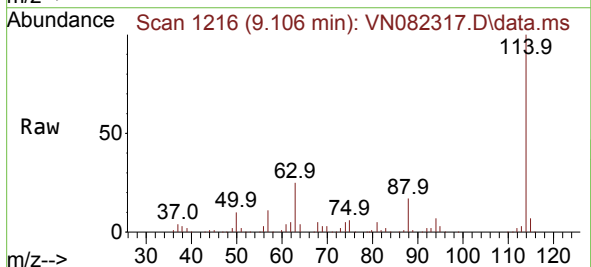
Tgt Ion: 114 Resp: 285956

Ion Ratio Lower Upper

114 100

63 24.7 0.0 41.0

88 16.5 0.0 31.4

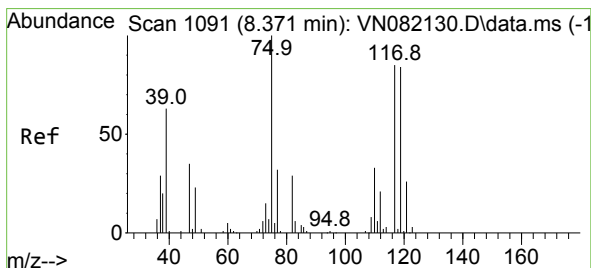
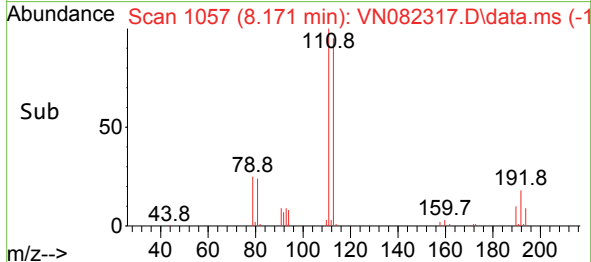
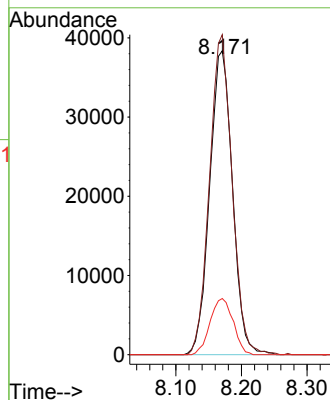
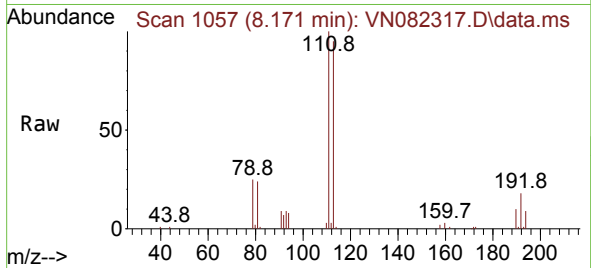




#35
Dibromofluoromethane
Concen: 52.754 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082317.D
Acq: 23 May 2024 13:29

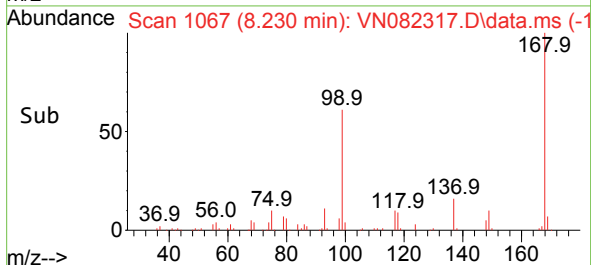
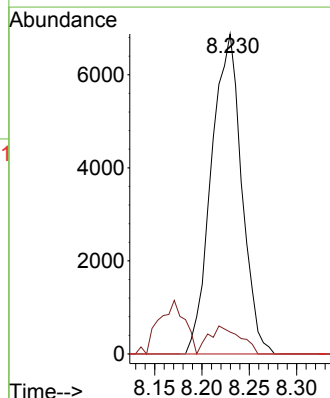
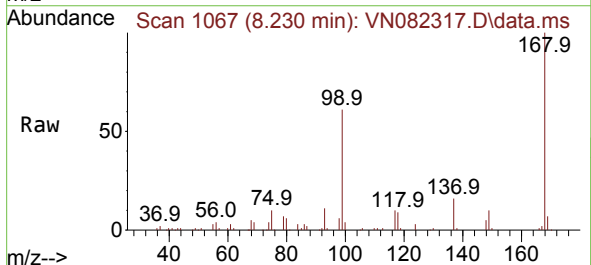
Instrument :
MSVOA_N
ClientSampleId :

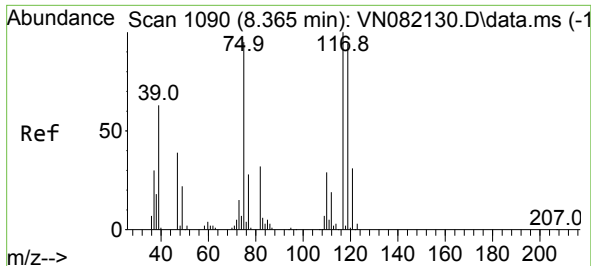
Tgt Ion:113 Resp: 92798
Ion Ratio Lower Upper
113 100
111 104.0 83.4 125.2
192 18.7 14.0 21.0



#36
1,1-Dichloropropene
Concen: 5.185 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082317.D
Acq: 23 May 2024 13:29

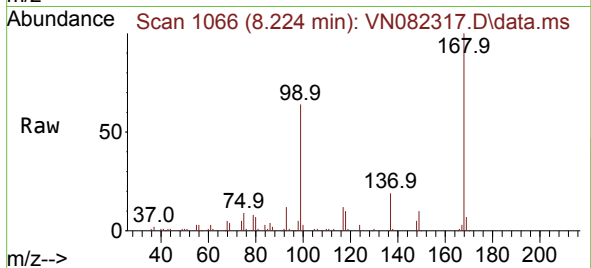
Tgt Ion: 75 Resp: 15297
Ion Ratio Lower Upper
75 100
110 9.0 17.8 53.5#
77 0.0 25.0 37.4#



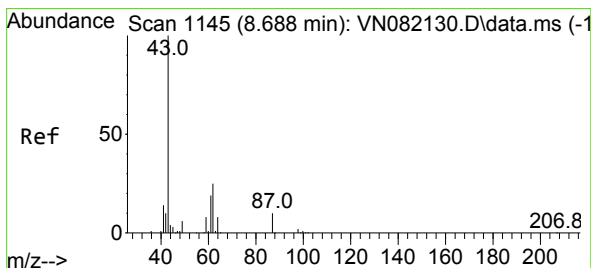
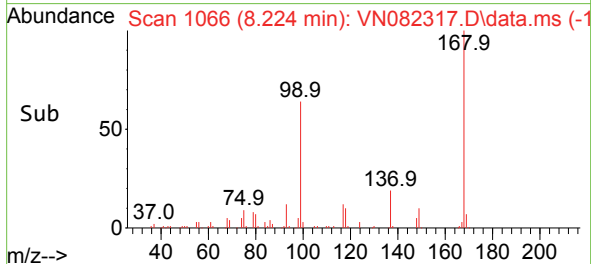
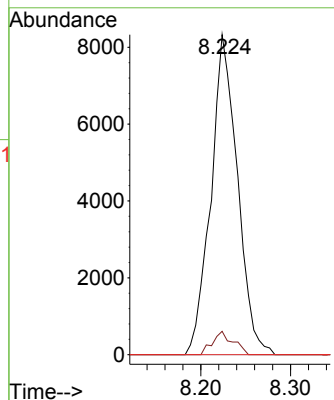


#38
Carbon Tetrachloride
Concen: 5.723 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.141 min
Lab File: VN082317.D
Acq: 23 May 2024 13:29

Instrument :
MSVOA_N
ClientSampleId :

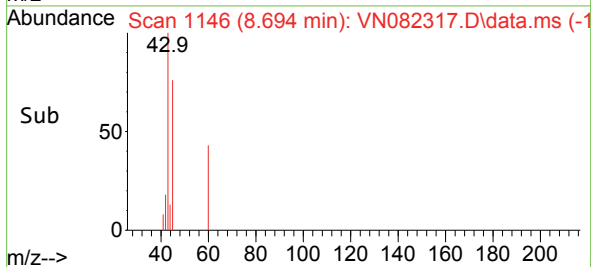
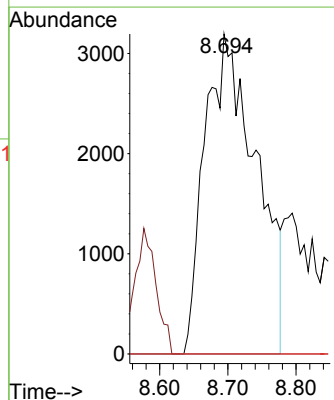
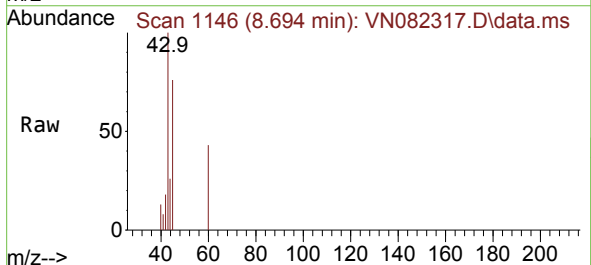


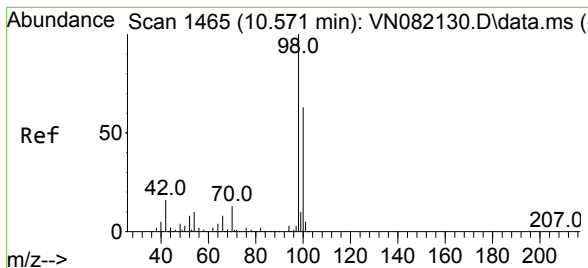
Tgt Ion:117 Resp: 17116
Ion Ratio Lower Upper
117 100
119 7.3 76.5 114.7#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 2.866 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN082317.D
Acq: 23 May 2024 13:29

Tgt Ion: 43 Resp: 16766
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#

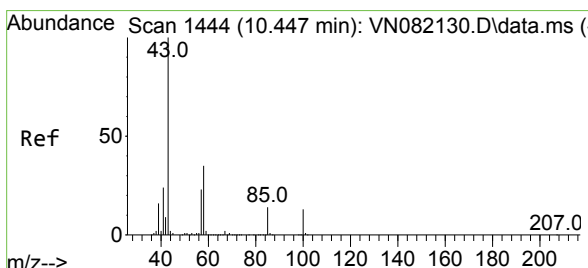
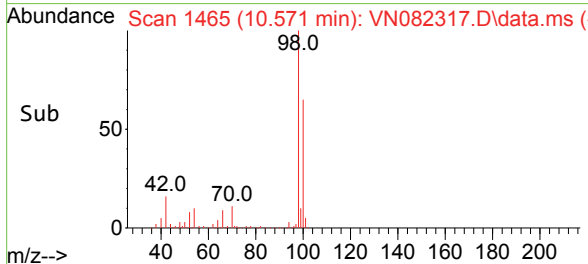
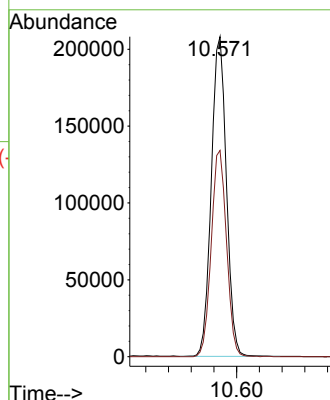
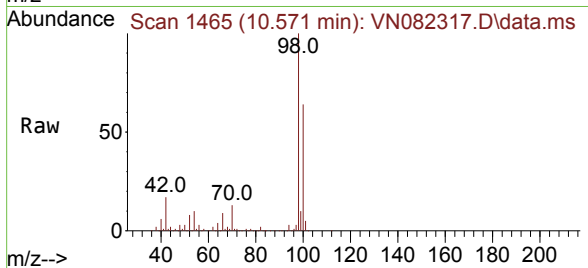




#50
Toluene-d8
Concen: 56.692 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082317.D
Acq: 23 May 2024 13:29

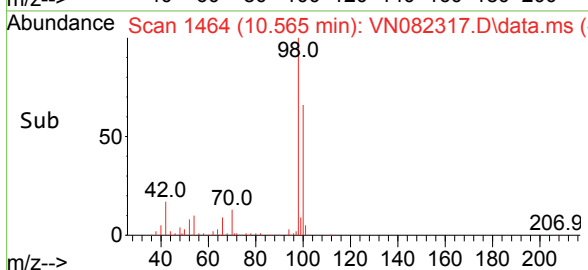
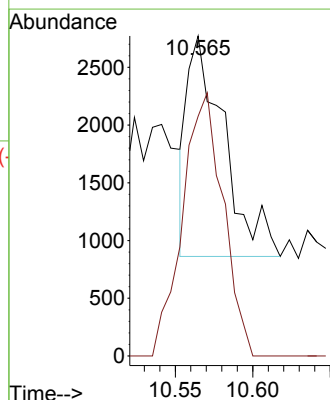
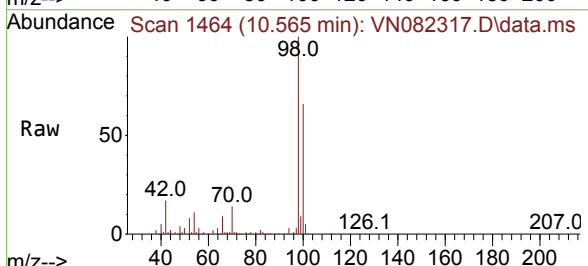
Instrument :
MSVOA_N
ClientSampleId :

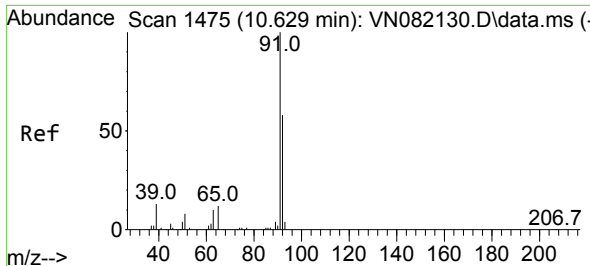
Tgt Ion: 98 Resp: 382339
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 0.948 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN082317.D
Acq: 23 May 2024 13:29

Tgt Ion: 43 Resp: 3152
Ion Ratio Lower Upper
43 100
58 131.7 33.2 49.8#

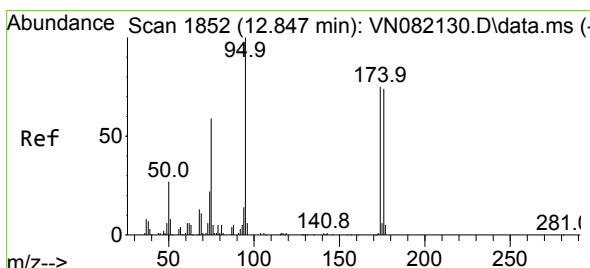
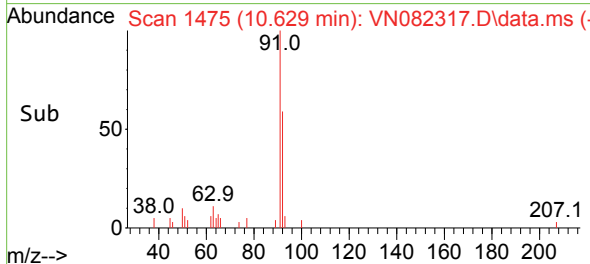
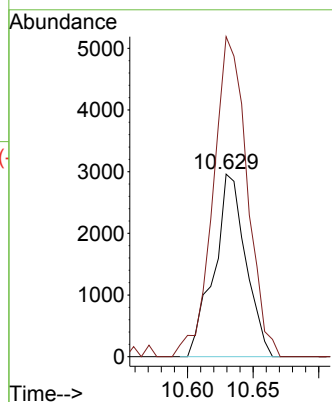
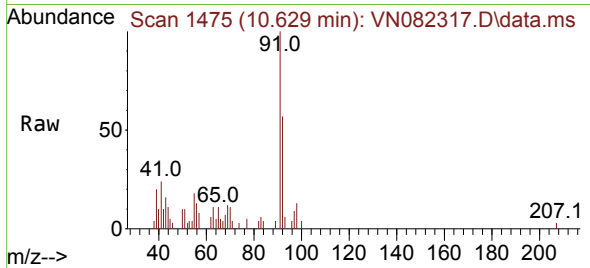




#52
Toluene
Concen: 0.942 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN082317.D
Acq: 23 May 2024 13:29

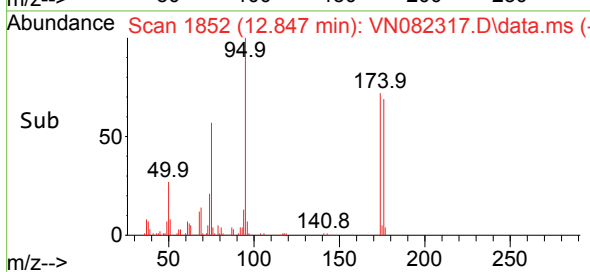
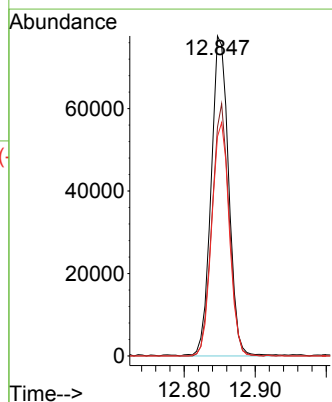
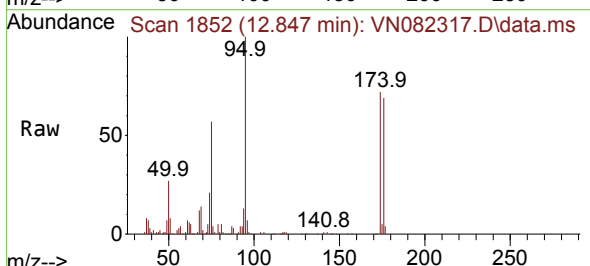
Instrument :
MSVOA_N
ClientSampleId :

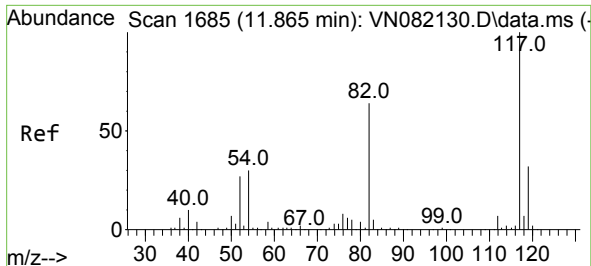
Tgt Ion: 92 Resp: 4974
Ion Ratio Lower Upper
92 100
91 188.3 136.7 205.1



#62
4-Bromofluorobenzene
Concen: 55.342 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082317.D
Acq: 23 May 2024 13:29

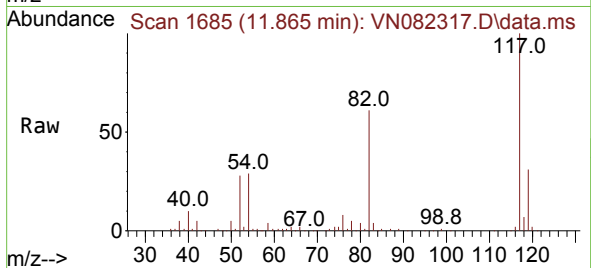
Tgt Ion: 95 Resp: 133216
Ion Ratio Lower Upper
95 100
174 76.8 0.0 160.6
176 72.8 0.0 152.8



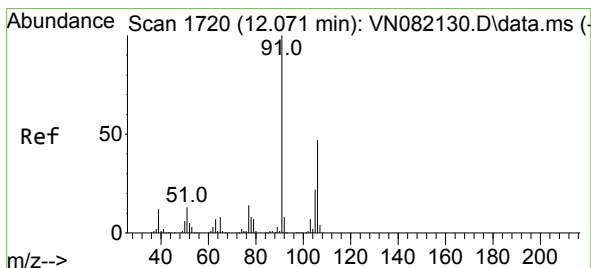
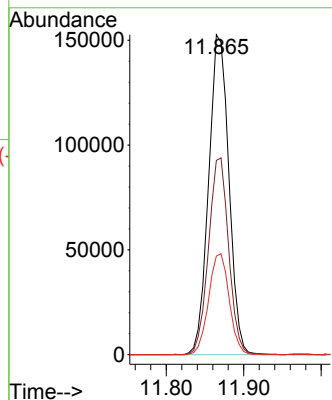
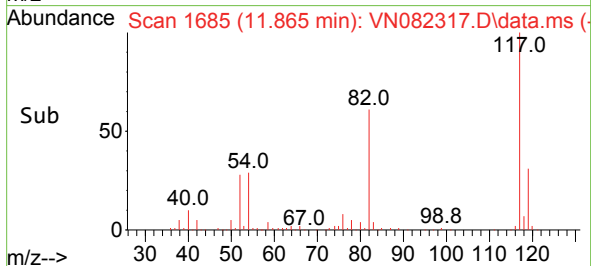


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN082317.D
Acq: 23 May 2024 13:29

Instrument :
MSVOA_N
ClientSampleId :

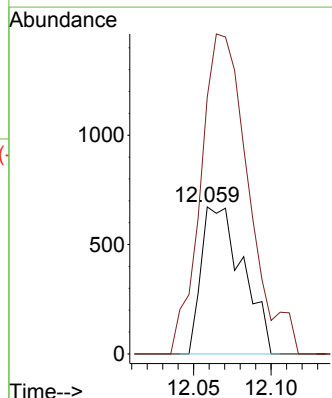
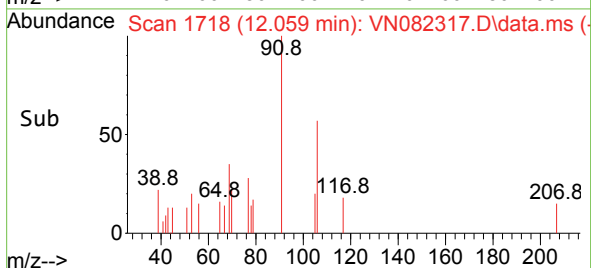
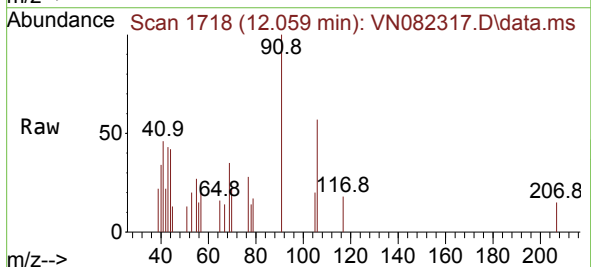


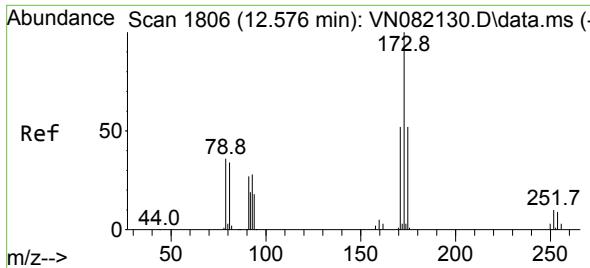
Tgt Ion:117 Resp: 276530
Ion Ratio Lower Upper
117 100
82 60.7 44.6 66.8
119 30.8 25.9 38.9



#68
m/p-Xylenes
Concen: 0.313 ug/l
RT: 12.059 min Scan# 1718
Delta R.T. -0.012 min
Lab File: VN082317.D
Acq: 23 May 2024 13:29

Tgt Ion:106 Resp: 1254
Ion Ratio Lower Upper
106 100
91 250.6 159.4 239.0#

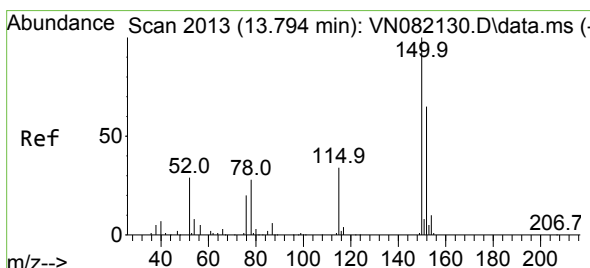
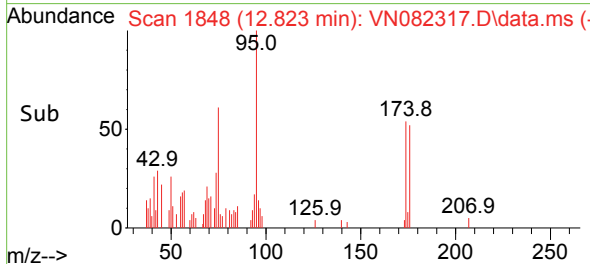
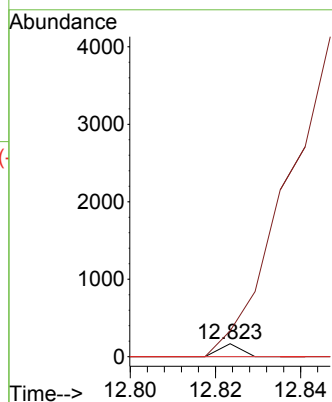
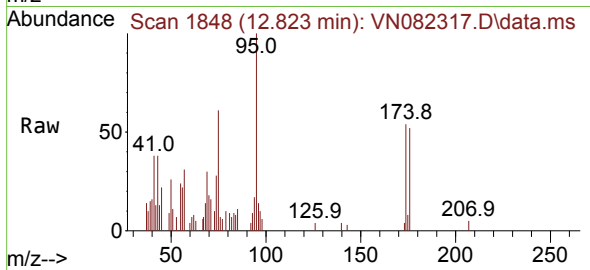




#71
Bromoform
Concen: 0.737 ug/l
RT: 12.823 min Scan# 1806
Delta R.T. 0.247 min
Lab File: VN082317.D
Acq: 23 May 2024 13:29

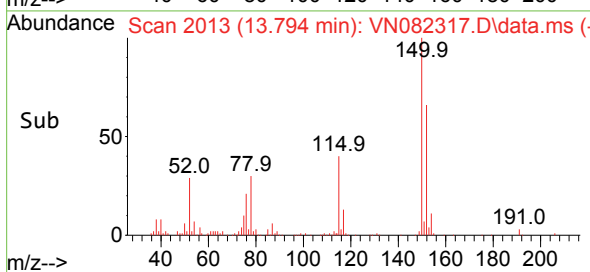
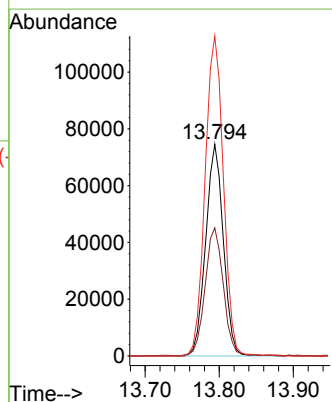
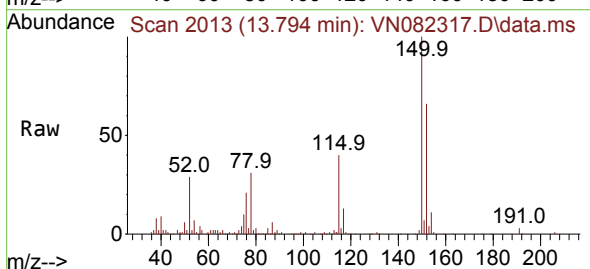
Instrument :
MSVOA_N
ClientSampleId :

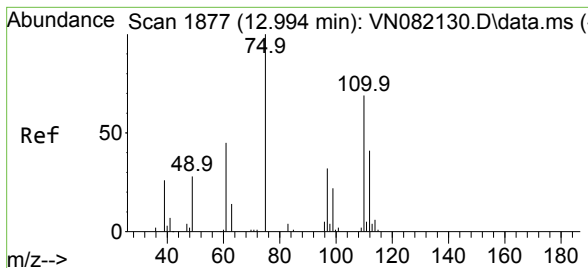
Tgt Ion:173 Resp: 59
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082317.D
Acq: 23 May 2024 13:29

Tgt Ion:152 Resp: 123514
Ion Ratio Lower Upper
152 100
115 62.6 30.4 91.3
150 156.1 0.0 353.2





#76

1,2,3-Trichloropropane

Concen: 30.916 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082317.D

Acq: 23 May 2024 13:29

Instrument :

MSVOA_N

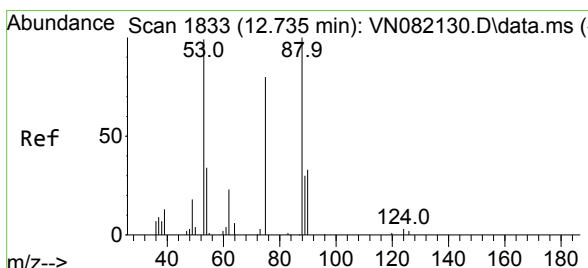
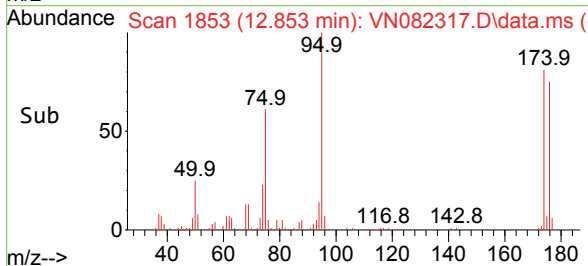
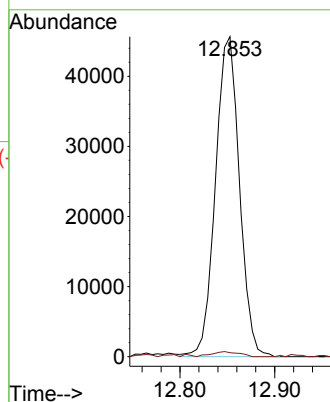
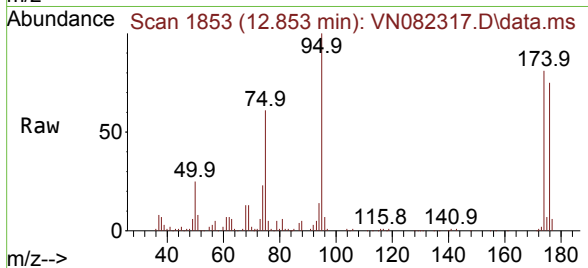
ClientSampleId :

Tgt Ion: 75 Resp: 80371

Ion Ratio Lower Upper

75 100

77 1.8 90.5 271.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 72.311 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN082317.D

Acq: 23 May 2024 13:29

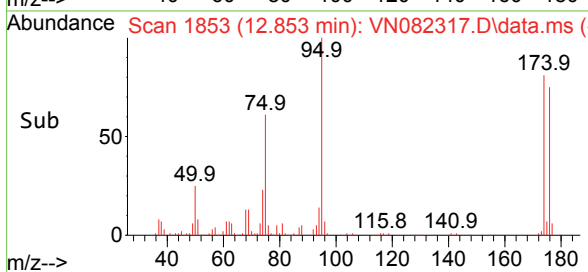
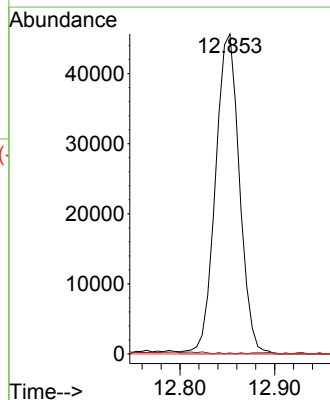
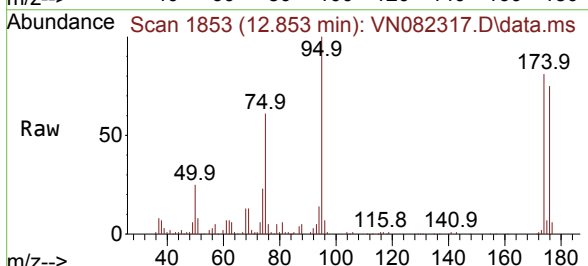
Tgt Ion: 75 Resp: 80371

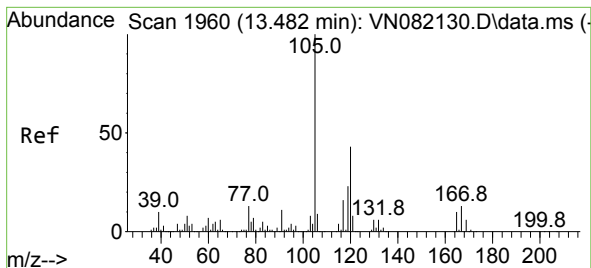
Ion Ratio Lower Upper

75 100

53 0.1 72.9 109.3#

89 0.0 39.1 58.7#





#84

1,2,4-Trimethylbenzene

Concen: 0.532 ug/l

RT: 13.488 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN082317.D

Acq: 23 May 2024 13:29

Instrument :

MSVOA_N

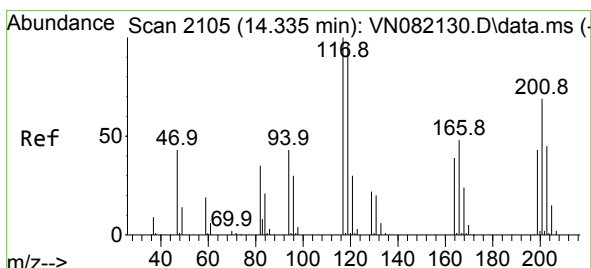
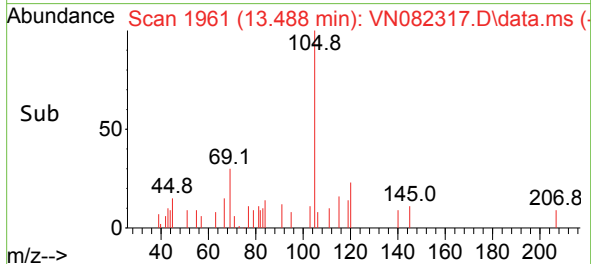
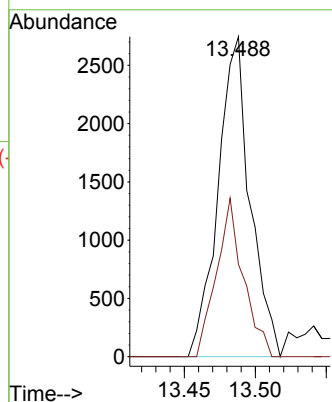
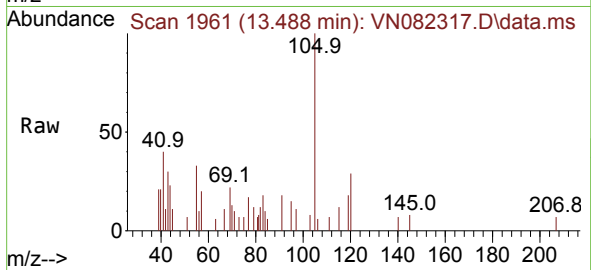
ClientSampleId :

Tgt Ion:105 Resp: 4315

Ion Ratio Lower Upper

105 100

120 41.4 22.9 68.7



#90

Hexachloroethane

Concen: 0.211 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.006 min

Lab File: VN082317.D

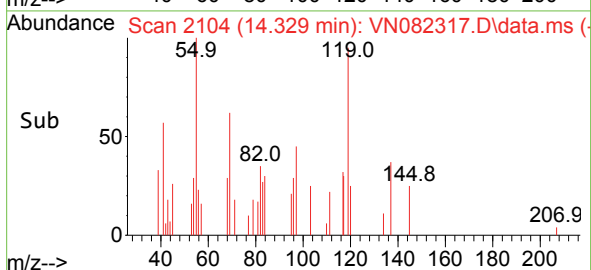
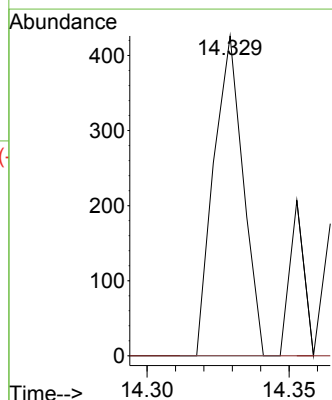
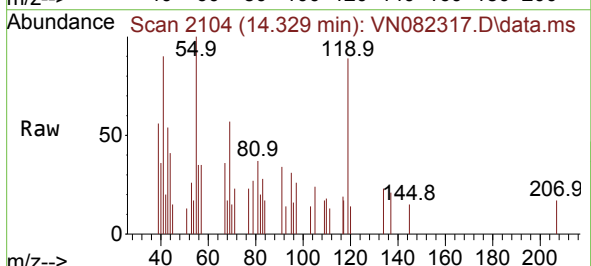
Acq: 23 May 2024 13:29

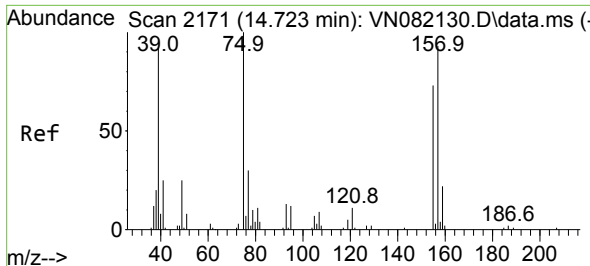
Tgt Ion:117 Resp: 306

Ion Ratio Lower Upper

117 100

201 0.0 33.3 99.8#

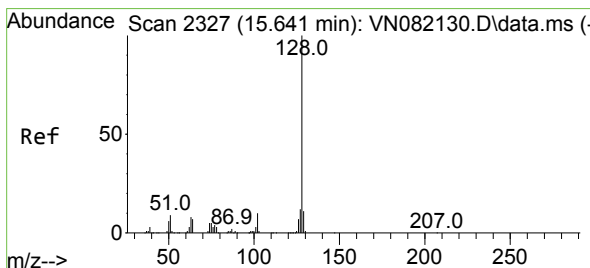
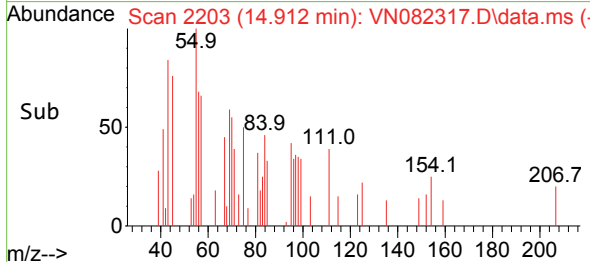
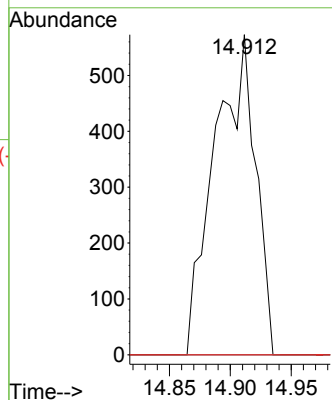
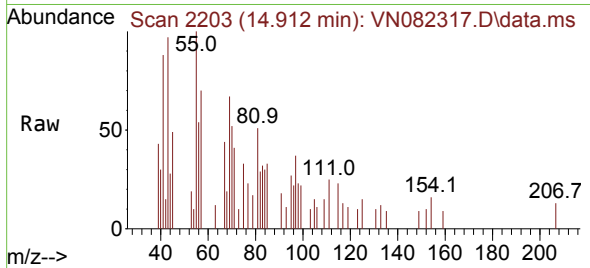




#92
1,2-Dibromo-3-Chloropropane
Concen: 2.295 ug/l
RT: 14.912 min Scan# 2171
Delta R.T. 0.188 min
Lab File: VN082317.D
Acq: 23 May 2024 13:29

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 1334
Ion Ratio Lower Upper
75 100
155 0.0 42.6 128.0#
157 0.0 53.0 159.0#



#95
Naphthalene
Concen: 0.571 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN082317.D
Acq: 23 May 2024 13:29

Tgt Ion: 128 Resp: 4024
Ion Ratio Lower Upper
128 100
127 17.8 10.1 15.1#
129 18.8 8.9 13.3#

