

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060724\
 Data File : VN082500.D
 Acq On : 07 Jun 2024 18:15
 Operator : JC\MD
 Sample : P2772-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 08 01:01:45 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)

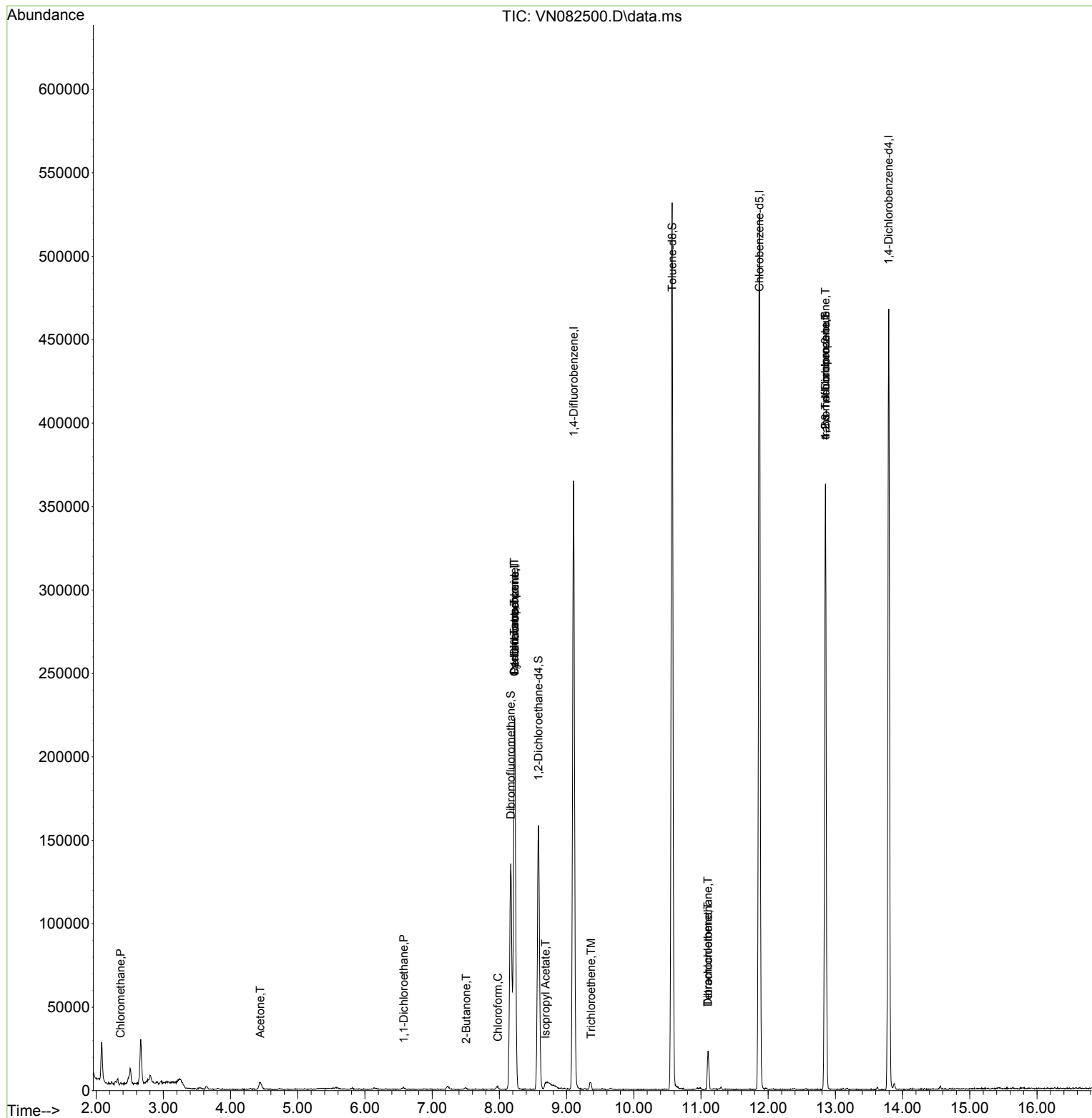
Internal Standards						
1) Pentafluorobenzene	8.229	168	153774	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	288715	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	282974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	117992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	129300	53.251	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.500%	
35) Dibromofluoromethane	8.171	113	93694	52.754	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.500%	
50) Toluene-d8	10.570	98	344297	50.563	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.120%	
62) 4-Bromofluorobenzene	12.853	95	113354	46.641	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 93.280%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1209	0.481	ug/l	95
16) Acetone	4.441	43	8401	8.434	ug/l	94
24) 1,1-Dichloroethane	6.577	63	1859	0.480	ug/l #	81
25) 2-Butanone	7.506	43	1661	1.100	ug/l #	43
30) Chloroform	7.977	83	1837	0.497	ug/l #	84
31) Cyclohexane	8.224	56	4684	1.208	ug/l #	51
36) 1,1-Dichloropropene	8.224	75	14458	4.854	ug/l #	50
38) Carbon Tetrachloride	8.224	117	16617	5.503	ug/l #	17
43) Isopropyl Acetate	8.688	43	3072	0.520	ug/l #	52
44) Trichloroethene	9.365	130	1586	0.786	ug/l	81
60) Dibromochloromethane	11.106	129	4683	2.191	ug/l #	11
64) Tetrachloroethene	11.106	164	4520	2.155	ug/l #	91
76) 1,2,3-Trichloropropane	12.853	75	66866	26.925	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	66866	62.976	ug/l #	13

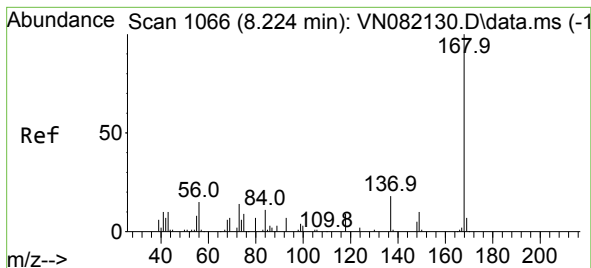
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN082500.D

Acq: 07 Jun 2024 18:15

Instrument :

MSVOA_N

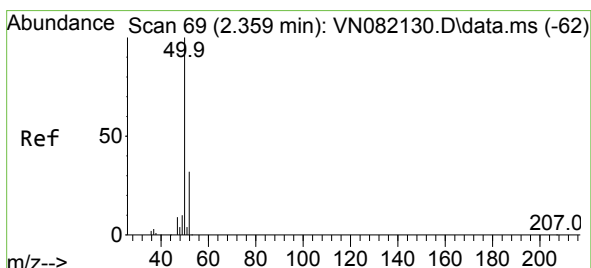
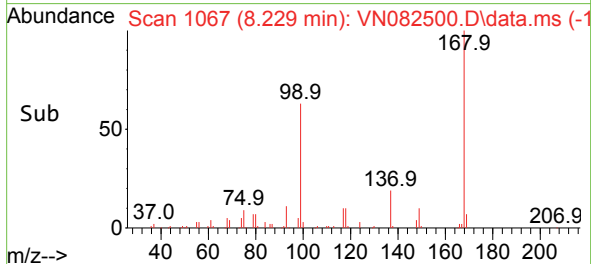
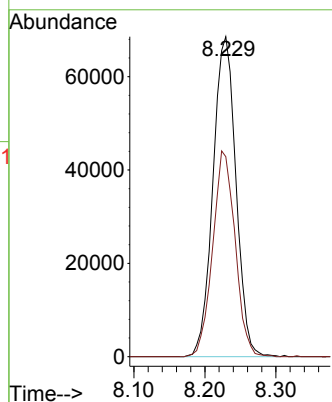
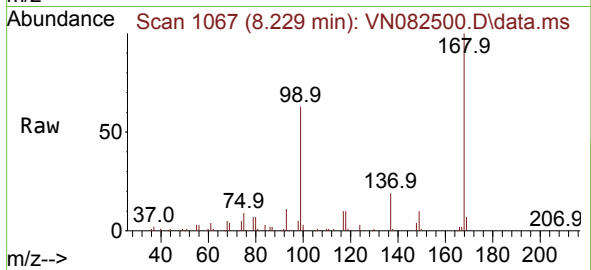
ClientSampleId :

Tgt Ion:168 Resp: 153774

Ion Ratio Lower Upper

168 100

99 62.5 48.2 72.4



#3

Chloromethane

Concen: 0.481 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN082500.D

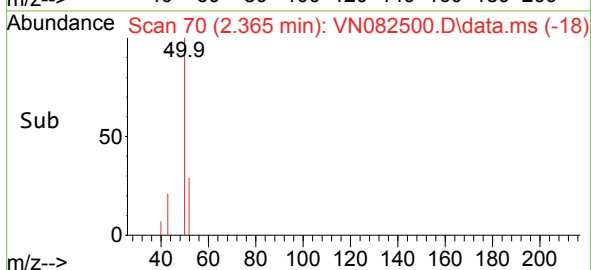
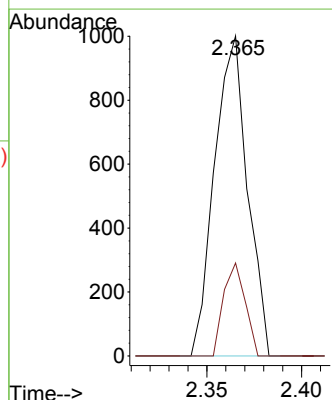
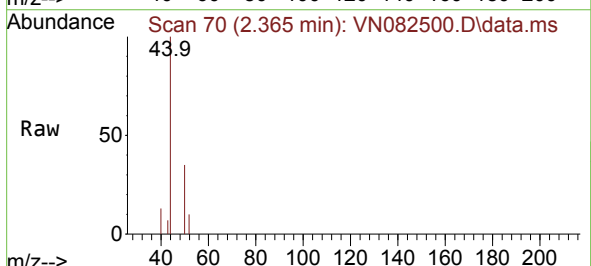
Acq: 07 Jun 2024 18:15

Tgt Ion: 50 Resp: 1209

Ion Ratio Lower Upper

50 100

52 29.1 25.5 38.3

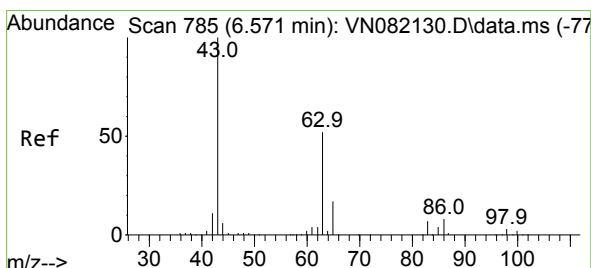
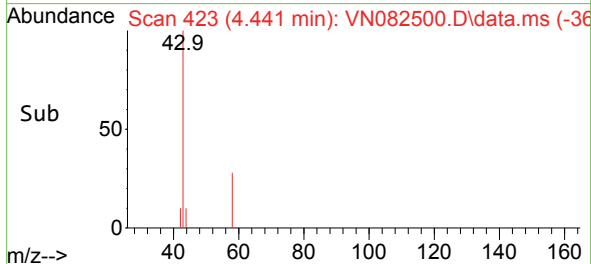
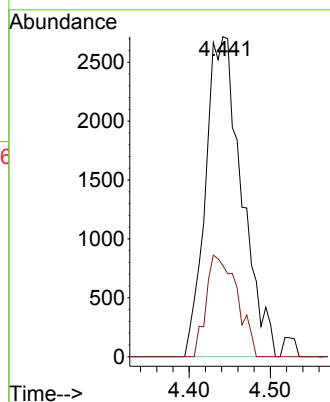
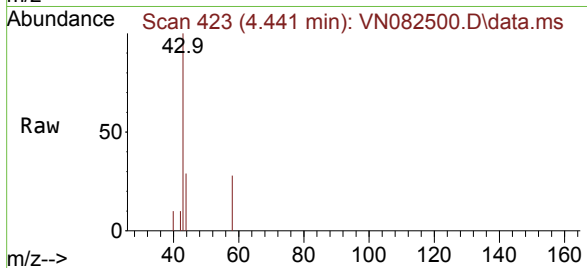




#16
Acetone
Concen: 8.434 ug/l
RT: 4.441 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN082500.D
Acq: 07 Jun 2024 18:15

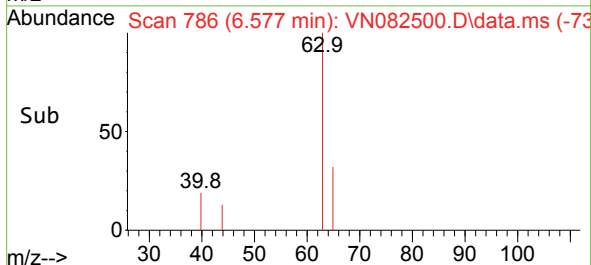
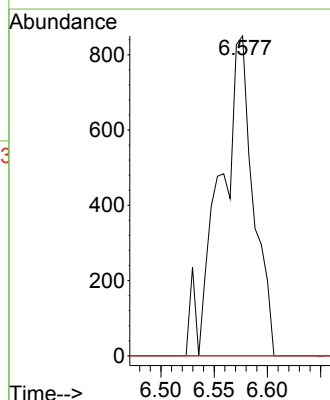
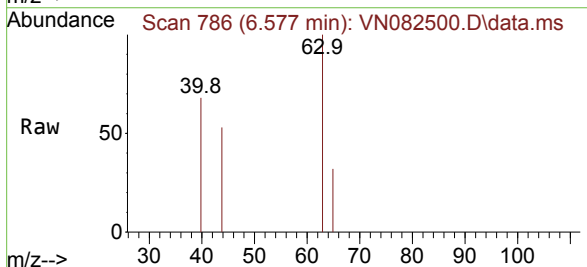
Instrument :
MSVOA_N
ClientSampleId :

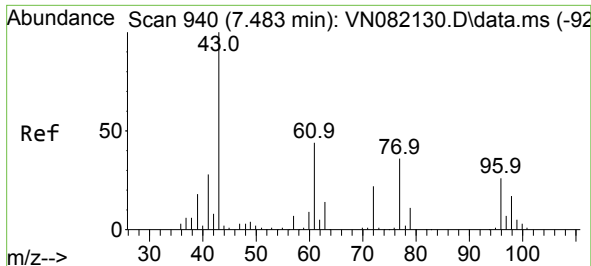
Tgt Ion: 43 Resp: 8401
Ion Ratio Lower Upper
43 100
58 28.5 25.2 37.8



#24
1,1-Dichloroethane
Concen: 0.480 ug/l
RT: 6.577 min Scan# 786
Delta R.T. 0.006 min
Lab File: VN082500.D
Acq: 07 Jun 2024 18:15

Tgt Ion: 63 Resp: 1859
Ion Ratio Lower Upper
63 100
98 0.0 3.6 10.9#
100 0.0 2.6 7.8#

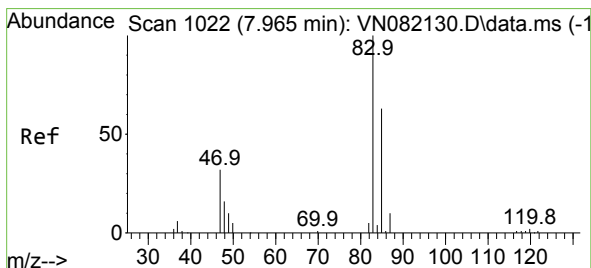
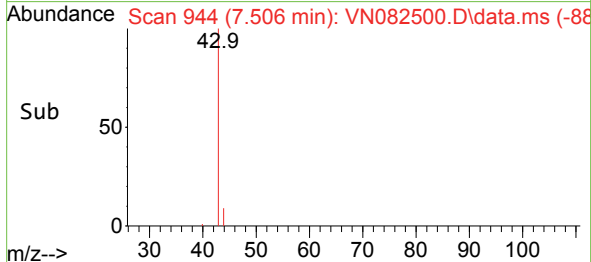
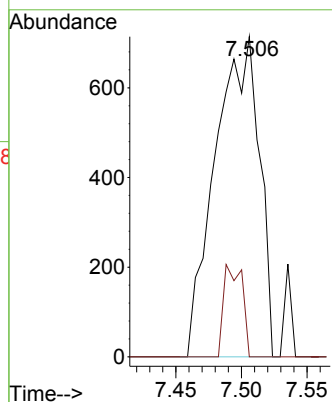
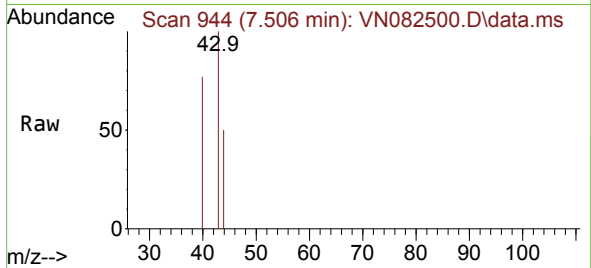




#25
2-Butanone
Concen: 1.100 ug/l
RT: 7.506 min Scan# 94
Delta R.T. 0.023 min
Lab File: VN082500.D
Acq: 07 Jun 2024 18:15

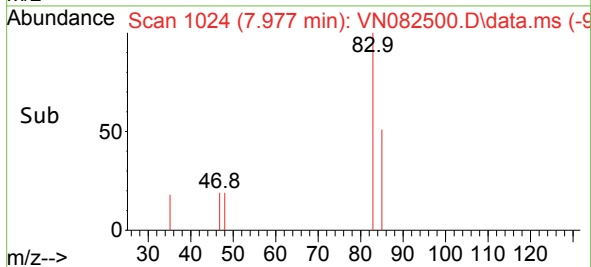
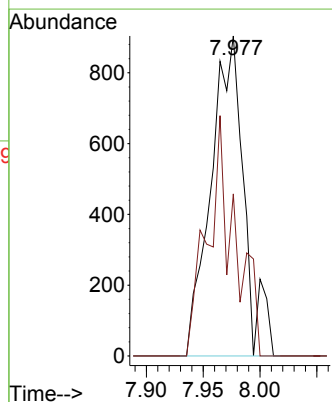
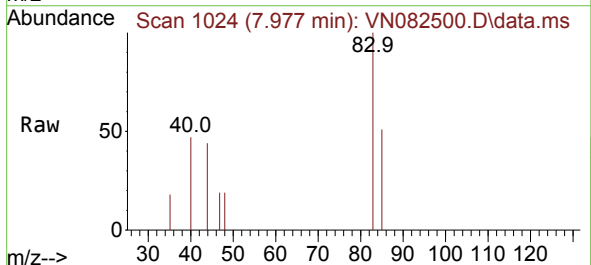
Instrument :
MSVOA_N
ClientSampleId :

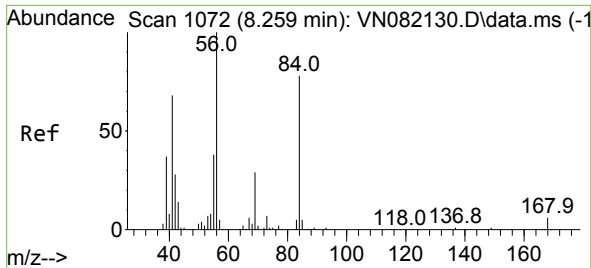
Tgt Ion: 43 Resp: 1661
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#



#30
Chloroform
Concen: 0.497 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. 0.012 min
Lab File: VN082500.D
Acq: 07 Jun 2024 18:15

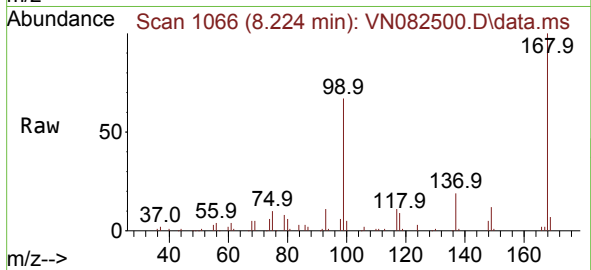
Tgt Ion: 83 Resp: 1837
Ion Ratio Lower Upper
83 100
85 50.7 50.7 76.1#



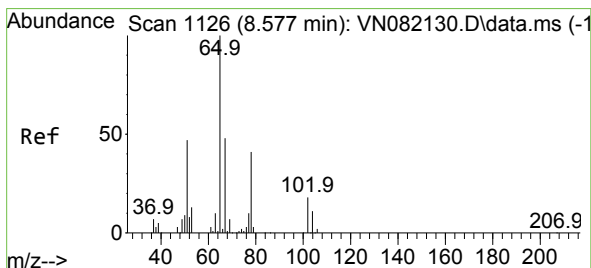
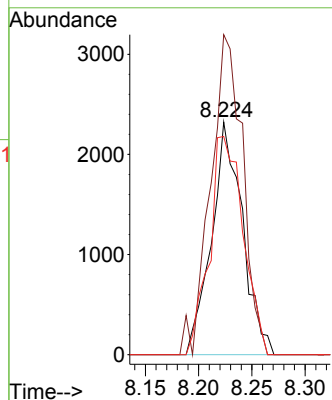
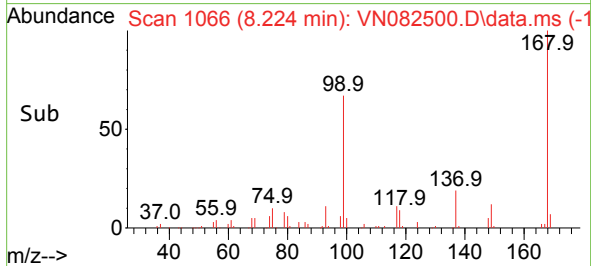


#31
Cyclohexane
Concen: 1.208 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082500.D
Acq: 07 Jun 2024 18:15

Instrument :
MSVOA_N
ClientSampleId :

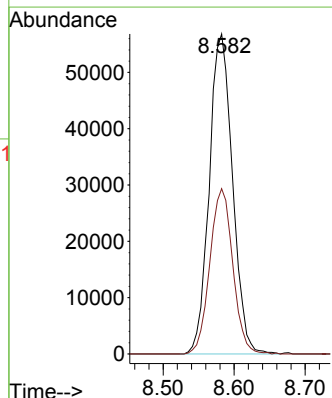
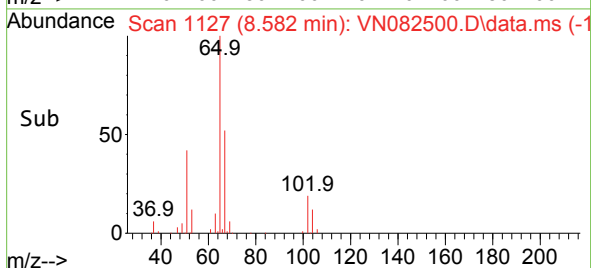
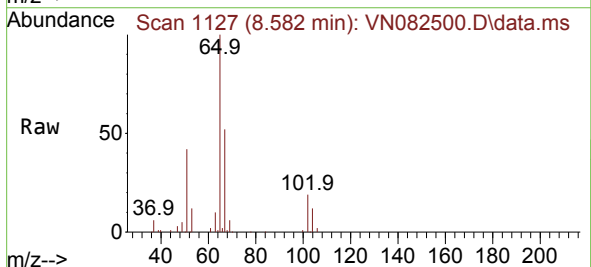


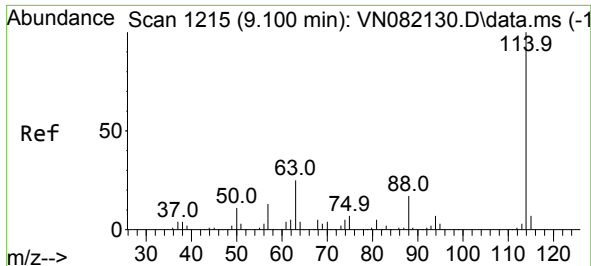
Tgt Ion: 56 Resp: 4684
Ion Ratio Lower Upper
56 100
69 137.5 24.4 36.6#
84 93.8 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 53.251 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082500.D
Acq: 07 Jun 2024 18:15

Tgt Ion: 65 Resp: 129300
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082500.D

Acq: 07 Jun 2024 18:15

Instrument :

MSVOA_N

ClientSampleId :

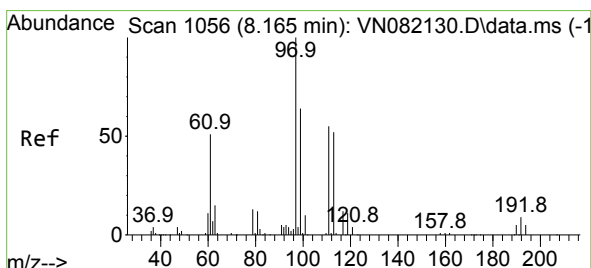
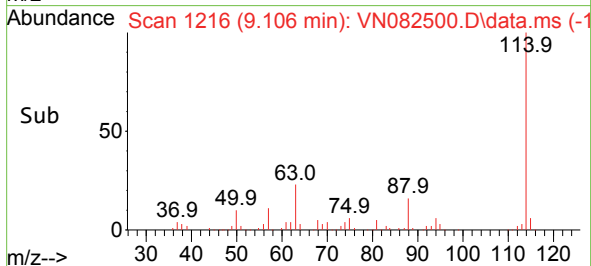
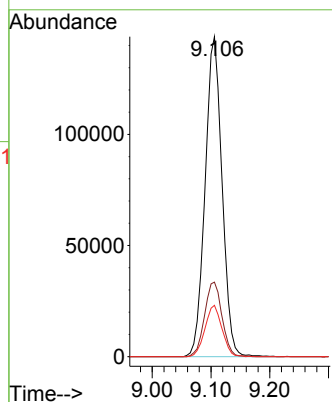
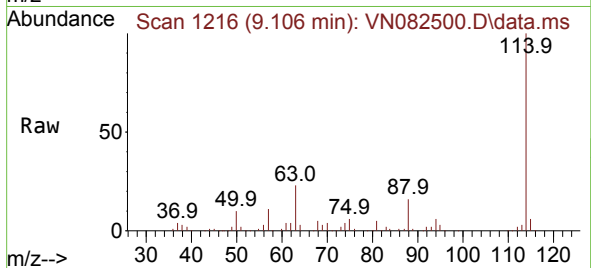
Tgt Ion:114 Resp: 288715

Ion Ratio Lower Upper

114 100

63 23.3 0.0 41.0

88 16.1 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: VN082500.D

Acq: 07 Jun 2024 18:15

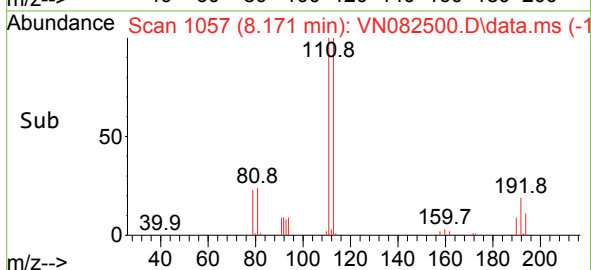
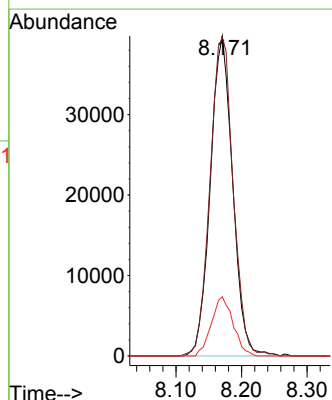
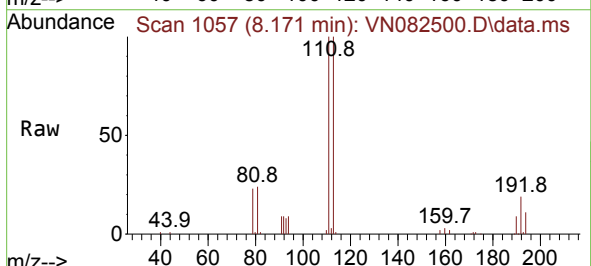
Tgt Ion:113 Resp: 93694

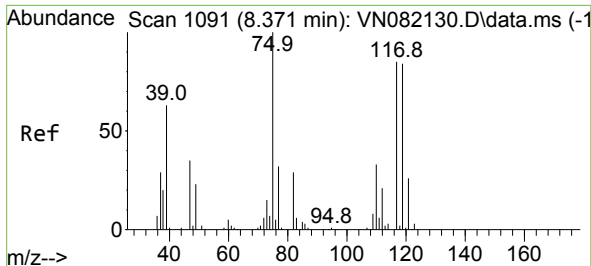
Ion Ratio Lower Upper

113 100

111 103.6 83.4 125.2

192 18.1 14.0 21.0





#36

1,1-Dichloropropene

Concen: 4.854 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

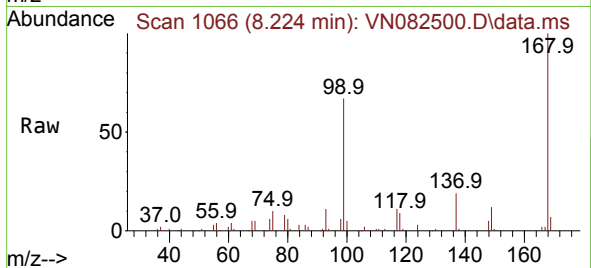
Lab File: VN082500.D

Acq: 07 Jun 2024 18:15

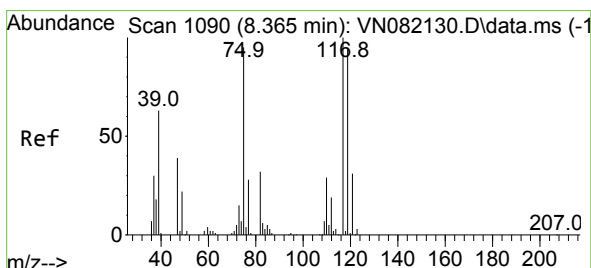
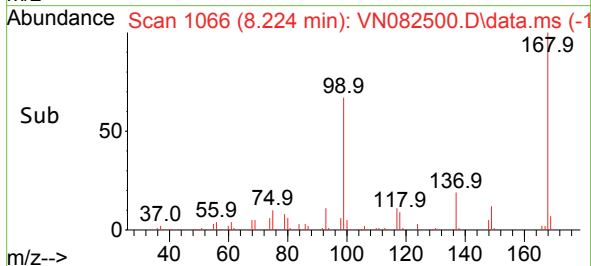
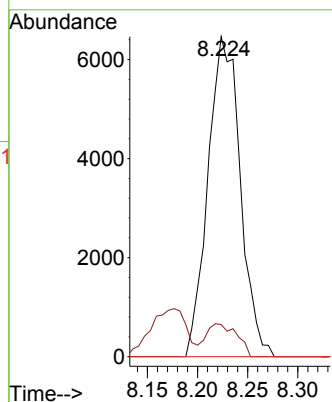
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	14458
Ion	Ratio	Lower	Upper
75	100		
110	9.7	17.8	53.5#
77	0.0	25.0	37.4#



#38

Carbon Tetrachloride

Concen: 5.503 ug/l

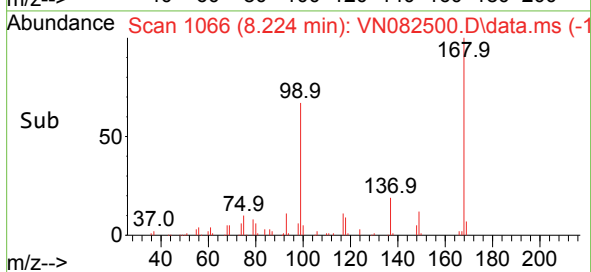
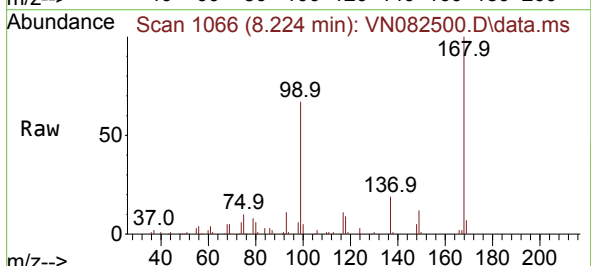
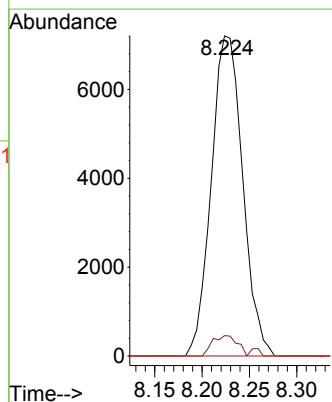
RT: 8.224 min Scan# 1066

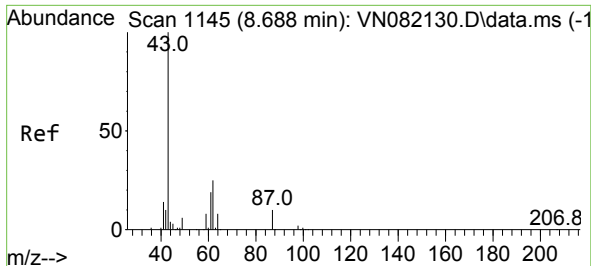
Delta R.T. -0.141 min

Lab File: VN082500.D

Acq: 07 Jun 2024 18:15

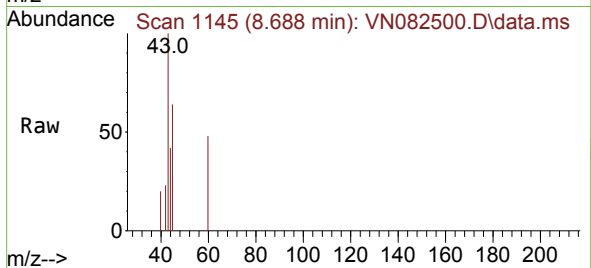
Tgt Ion:	117	Resp:	16617
Ion	Ratio	Lower	Upper
117	100		
119	6.3	76.5	114.7#
121	0.0	23.9	35.9#



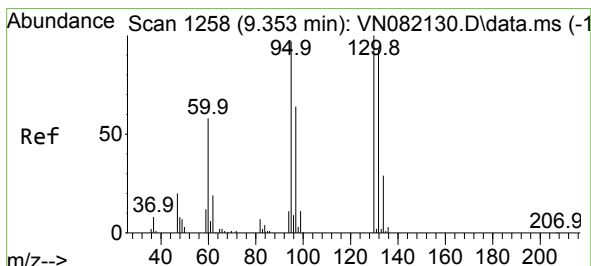
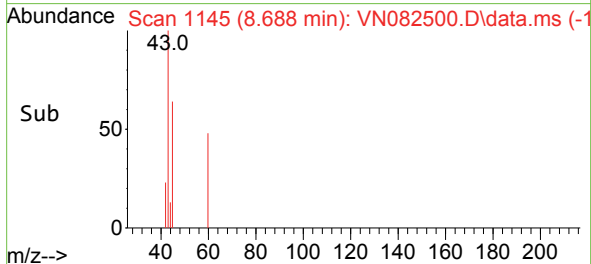
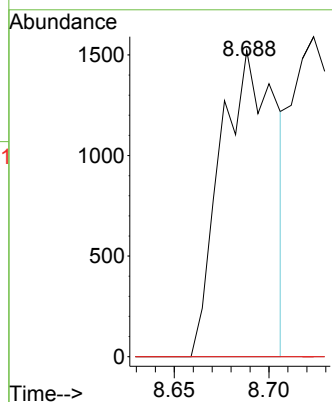


#43
Isopropyl Acetate
Concen: 0.520 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082500.D
Acq: 07 Jun 2024 18:15

Instrument :
MSVOA_N
ClientSampleId :

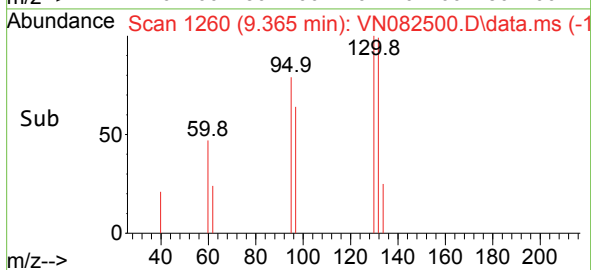
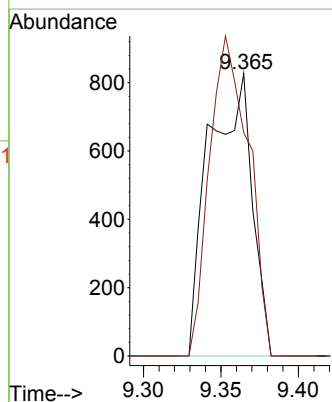
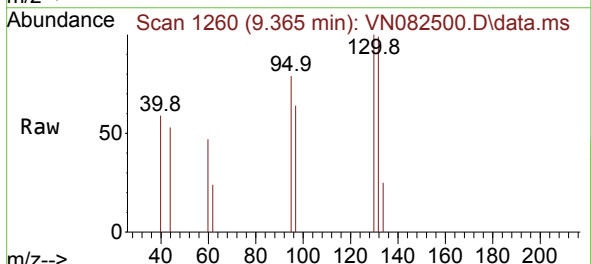


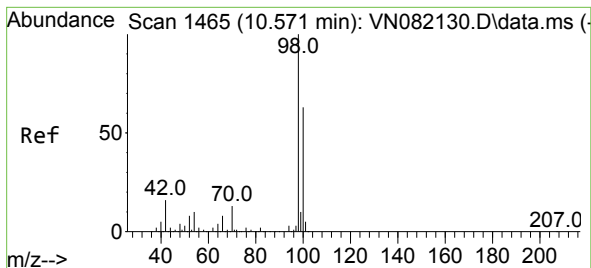
Tgt Ion: 43 Resp: 3072
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#44
Trichloroethene
Concen: 0.786 ug/l
RT: 9.365 min Scan# 1260
Delta R.T. 0.012 min
Lab File: VN082500.D
Acq: 07 Jun 2024 18:15

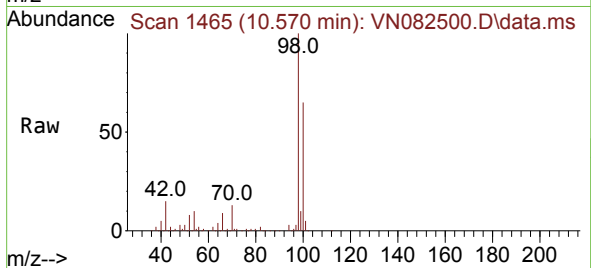
Tgt Ion:130 Resp: 1586
Ion Ratio Lower Upper
130 100
95 79.1 0.0 195.4



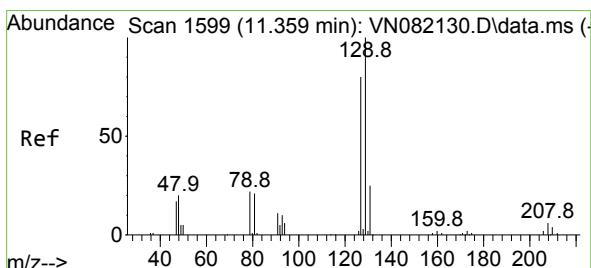
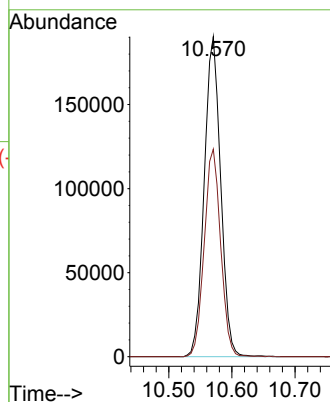
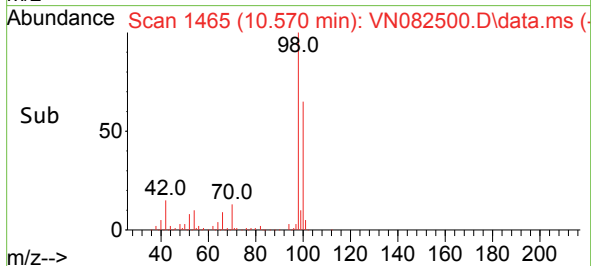


#50
Toluene-d8
Concen: 50.563 ug/l
RT: 10.570 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN082500.D
Acq: 07 Jun 2024 18:15

Instrument :
MSVOA_N
ClientSampleId :

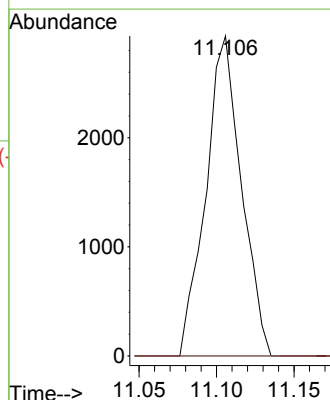
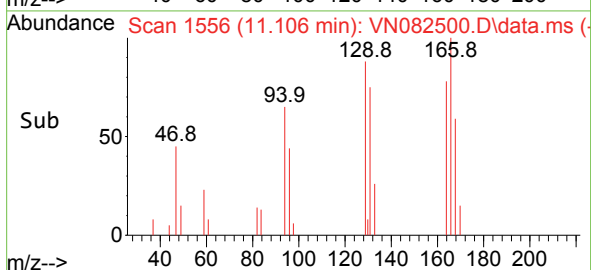
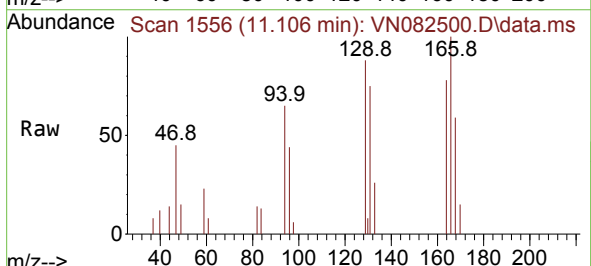


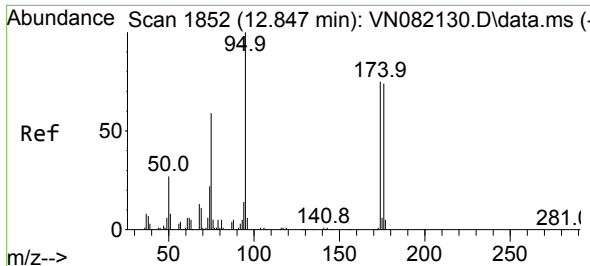
Tgt Ion: 98 Resp: 344297
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#60
Dibromochloromethane
Concen: 2.191 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.253 min
Lab File: VN082500.D
Acq: 07 Jun 2024 18:15

Tgt Ion:129 Resp: 4683
Ion Ratio Lower Upper
129 100
127 0.0 38.3 114.8#

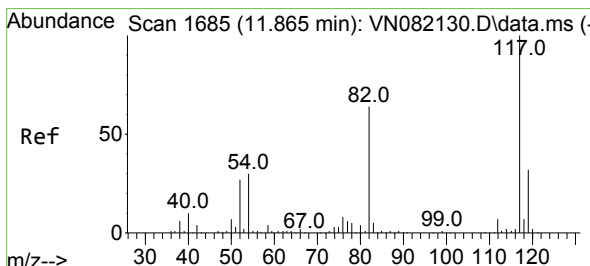
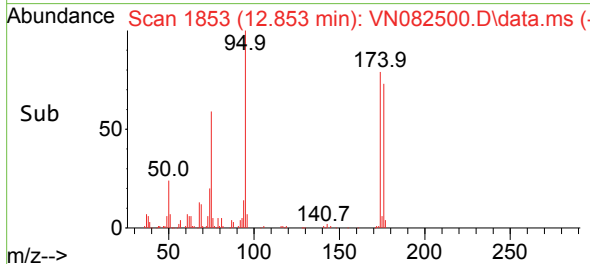
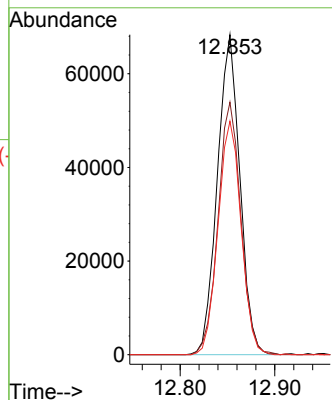
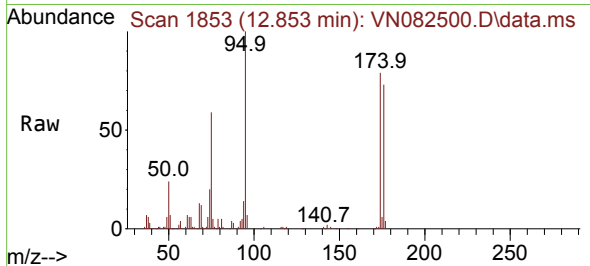




#62
4-Bromofluorobenzene
Concen: 46.641 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082500.D
Acq: 07 Jun 2024 18:15

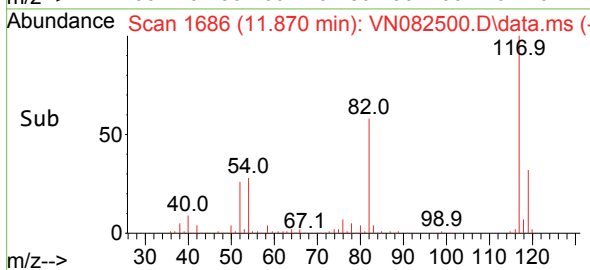
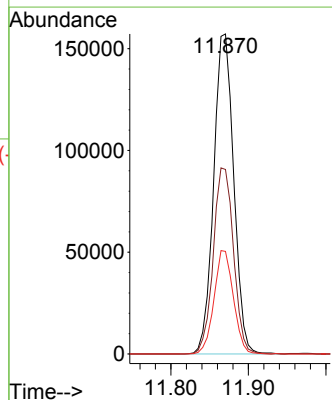
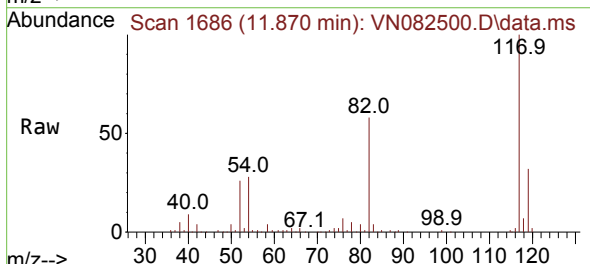
Instrument :
MSVOA_N
ClientSampleId :

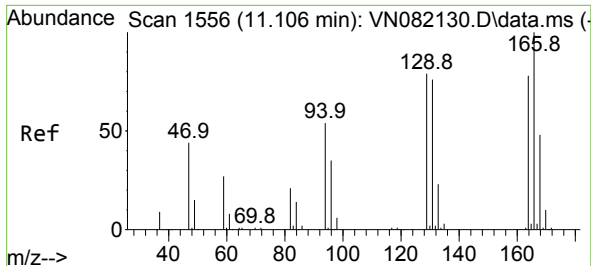
Tgt Ion: 95 Resp: 113354
Ion Ratio Lower Upper
95 100
174 79.7 0.0 160.6
176 74.4 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082500.D
Acq: 07 Jun 2024 18:15

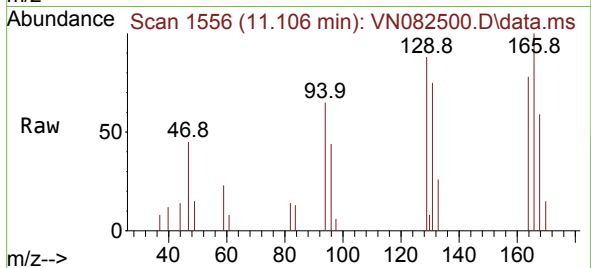
Tgt Ion: 117 Resp: 282974
Ion Ratio Lower Upper
117 100
82 57.7 44.6 66.8
119 32.1 25.9 38.9



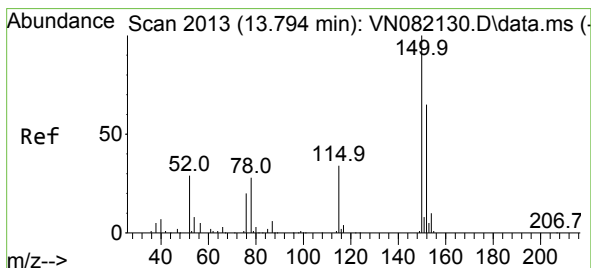
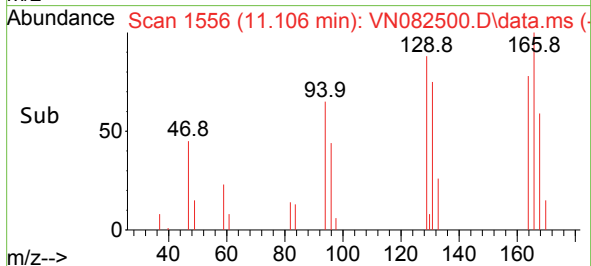
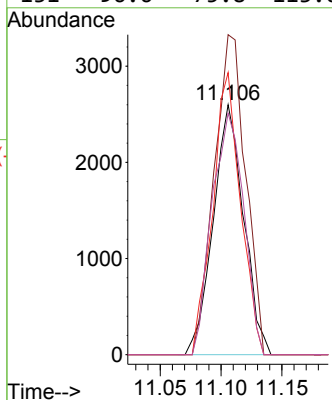


#64
Tetrachloroethene
Concen: 2.155 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082500.D
Acq: 07 Jun 2024 18:15

Instrument :
MSVOA_N
ClientSampleId :

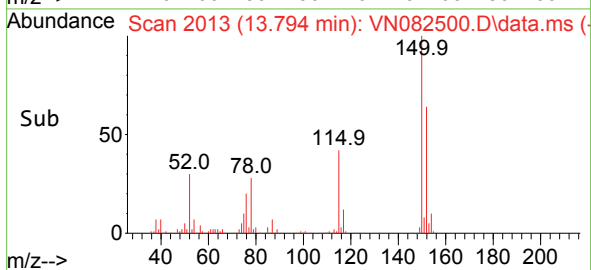
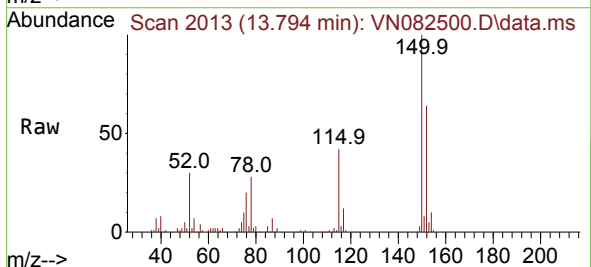
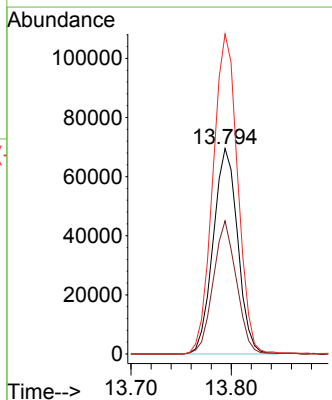


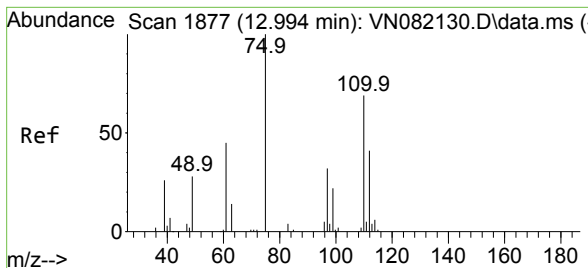
Tgt Ion:164 Resp: 4520
Ion Ratio Lower Upper
164 100
166 128.0 97.6 146.4
129 112.8 73.7 110.5#
131 96.6 75.8 113.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082500.D
Acq: 07 Jun 2024 18:15

Tgt Ion:152 Resp: 117992
Ion Ratio Lower Upper
152 100
115 61.7 30.4 91.3
150 158.0 0.0 353.2

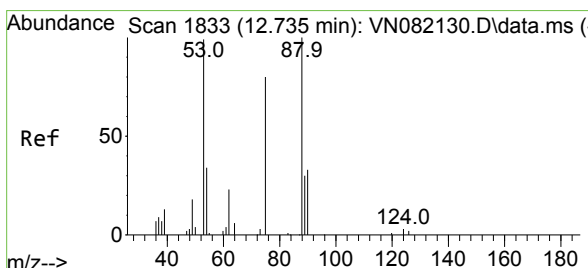
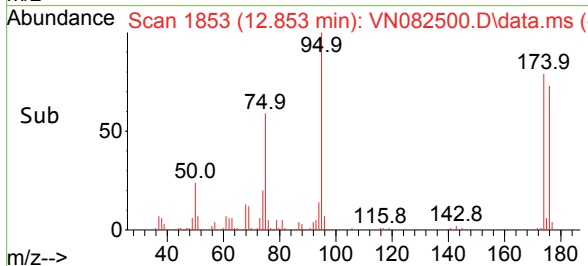
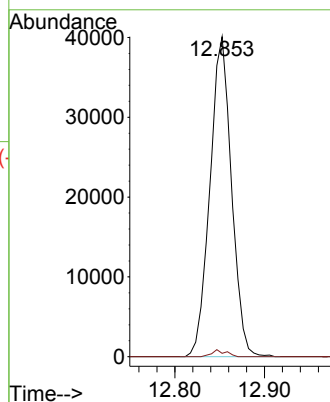
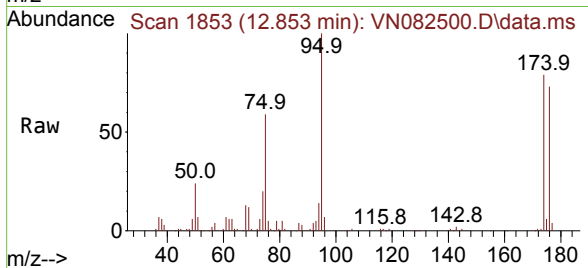




#76
1,2,3-Trichloropropane
Concen: 26.925 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082500.D
Acq: 07 Jun 2024 18:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 66866
Ion Ratio Lower Upper
75 100
77 1.4 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.976 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.117 min
Lab File: VN082500.D
Acq: 07 Jun 2024 18:15

Tgt Ion: 75 Resp: 66866
Ion Ratio Lower Upper
75 100
53 0.2 72.9 109.3#
89 0.0 39.1 58.7#

