

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091123\
 Data File : VN079227.D
 Acq On : 11 Sep 2023 19:30
 Operator : JC\MD
 Sample : 04256-03ME
 Misc : 6.36g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 12 05:22:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

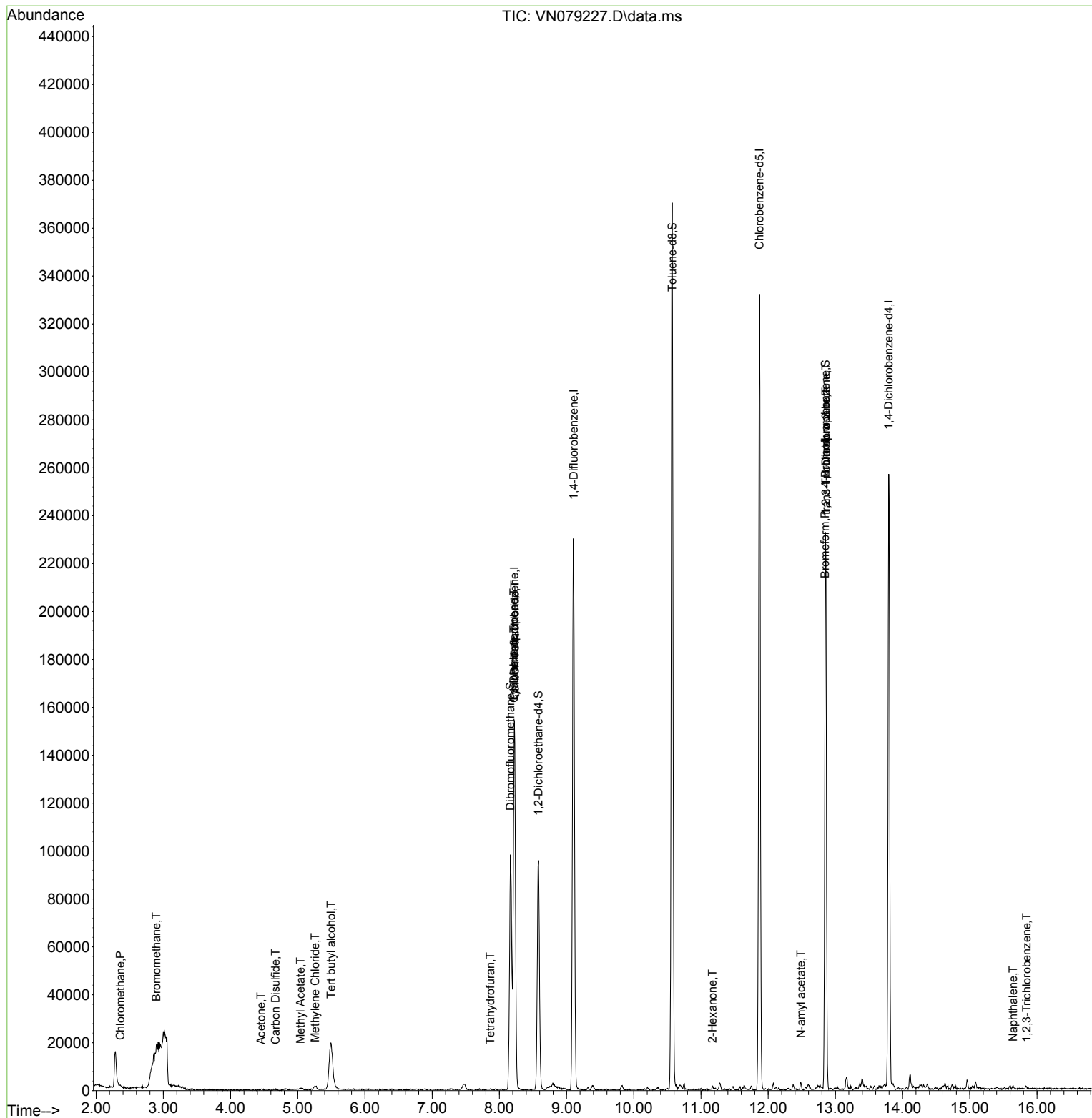
Internal Standards						
1) Pentafluorobenzene	8.224	168	116237	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	206915	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	196192	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	71603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	79671	50.775	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.560%
35) Dibromofluoromethane	8.165	113	70358	51.119	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.240%
50) Toluene-d8	10.570	98	257122	50.877	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.760%
62) 4-Bromofluorobenzene	12.853	95	83852	52.016	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.040%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	341	0.226	ug/l #	42
5) Bromomethane	2.895	94	638	0.675	ug/l	91
6) Chloroethane	3.230	64	608	Below Cal	#	43
11) Tert butyl alcohol	5.494	59	19861	68.560	ug/l #	72
16) Acetone	4.453	43	746	1.119	ug/l #	40
17) Carbon Disulfide	4.671	76	846	0.218	ug/l #	75
18) Methyl Acetate	5.041	43	1436	0.524	ug/l #	50
20) Methylene Chloride	5.259	84	1219	0.752	ug/l #	76
29) Tetrahydrofuran	7.865	42	161	0.262	ug/l #	20
31) Cyclohexane	8.218	56	2454	1.071	ug/l #	39
36) 1,1-Dichloropropene	8.218	75	9196	4.335	ug/l #	47
38) Carbon Tetrachloride	8.229	117	11570	5.270	ug/l #	16
59) 2-Hexanone	11.170	43	990	0.682	ug/l #	19
71) Bromoform	12.847	173	427	0.347	ug/l #	1
74) N-amyl acetate	12.488	43	770	0.312	ug/l #	50
76) 1,2,3-Trichloropropane	12.859	75	42942	22.252	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.859	75	42942	61.176	ug/l #	15
95) Naphthalene	15.647	128	1539	0.540	ug/l #	70
96) 1,2,3-Trichlorobenzene	15.847	180	503	0.444	ug/l #	33

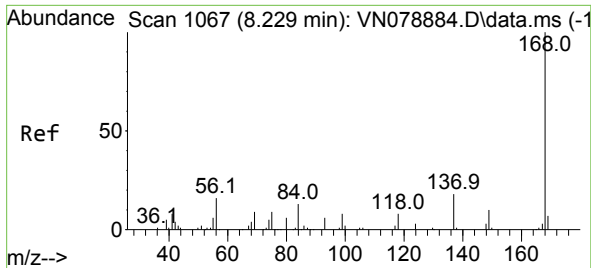
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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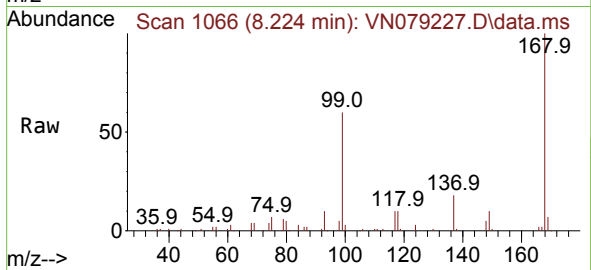
Quant Time: Sep 12 05:22:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
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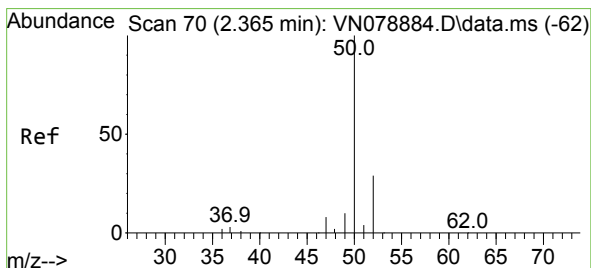
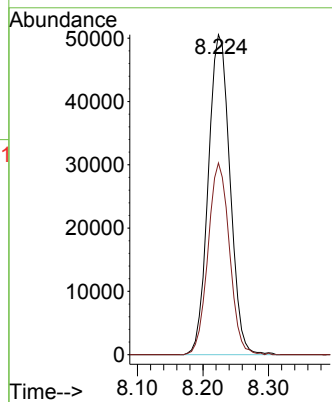
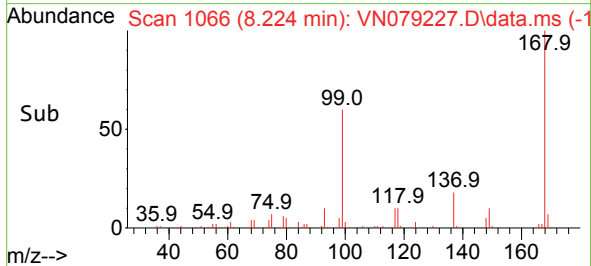


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079227.D
Acq: 11 Sep 2023 19:30

Instrument :
MSVOA_N
ClientSampleId :

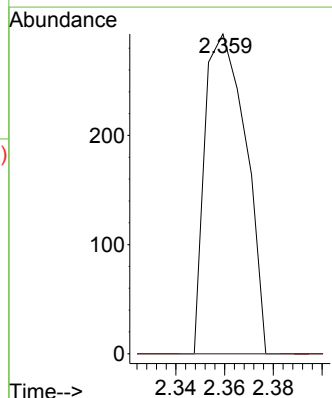
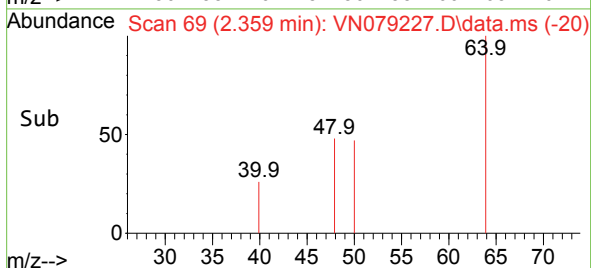
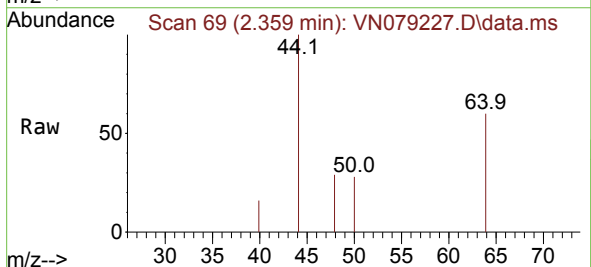


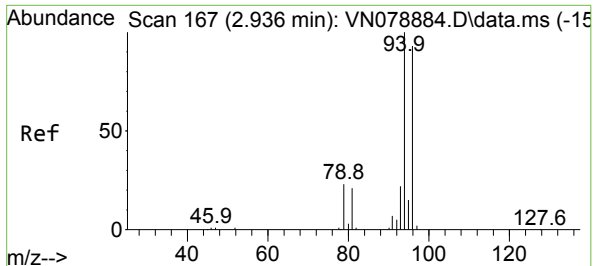
Tgt Ion:168 Resp: 116237
Ion Ratio Lower Upper
168 100
99 59.9 53.0 79.6



#3
Chloromethane
Concen: 0.226 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.012 min
Lab File: VN079227.D
Acq: 11 Sep 2023 19:30

Tgt Ion: 50 Resp: 341
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

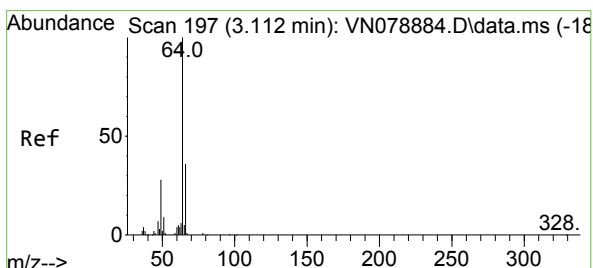
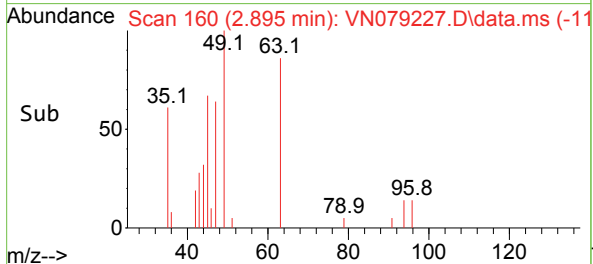
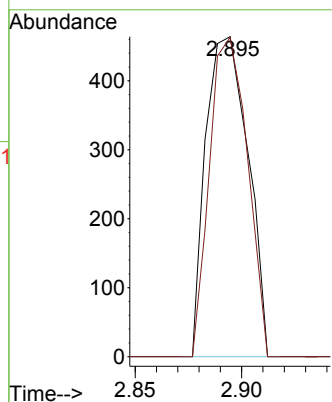
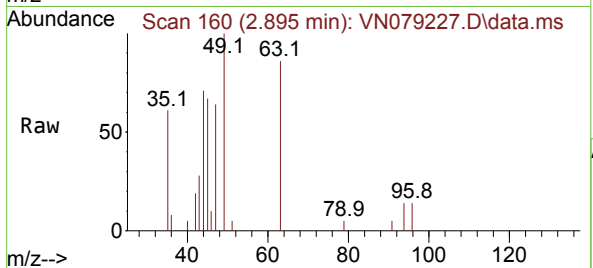




#5
Bromomethane
Concen: 0.675 ug/l
RT: 2.895 min Scan# 11
Delta R.T. -0.053 min
Lab File: VN079227.D
Acq: 11 Sep 2023 19:30

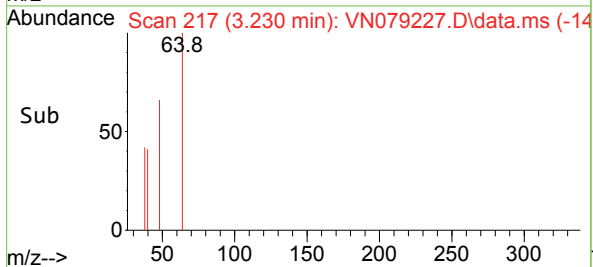
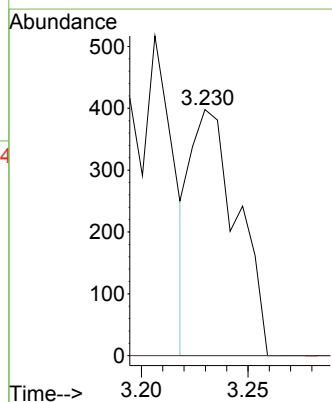
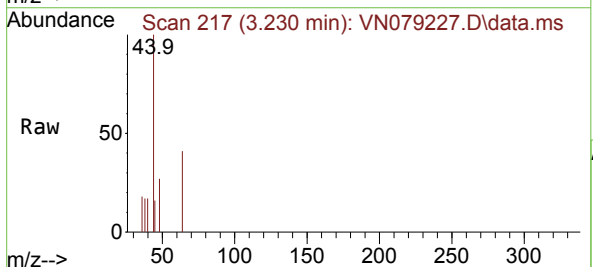
Instrument :
MSVOA_N
ClientSampleId :

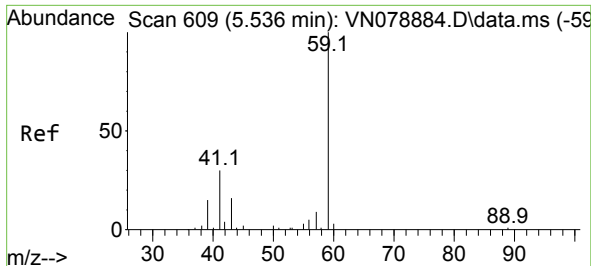
Tgt Ion: 94 Resp: 638
Ion Ratio Lower Upper
94 100
96 99.8 73.1 109.7



#6
Chloroethane
Concen: Below Cal
RT: 3.230 min Scan# 217
Delta R.T. 0.112 min
Lab File: VN079227.D
Acq: 11 Sep 2023 19:30

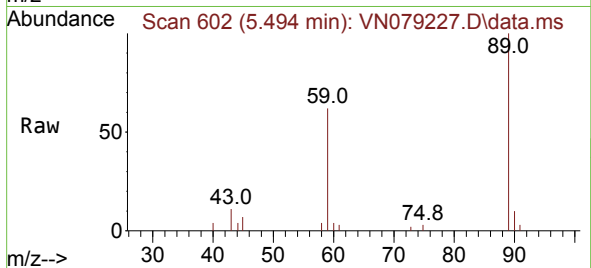
Tgt Ion: 64 Resp: 608
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



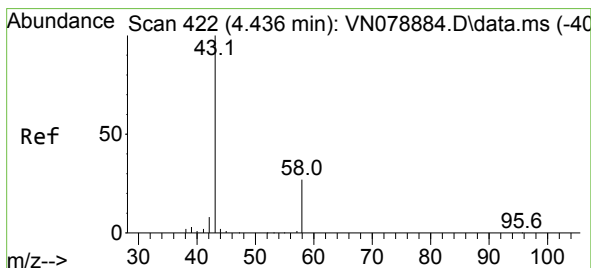
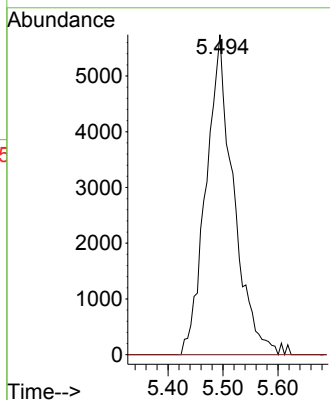
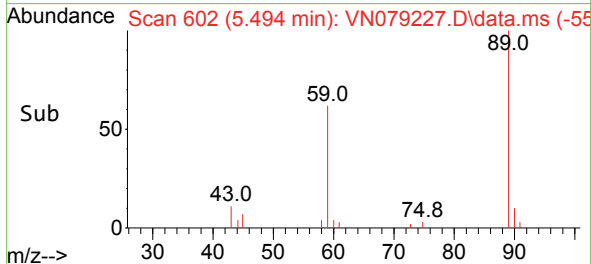


#11
Tert butyl alcohol
Concen: 68.560 ug/l
RT: 5.494 min Scan# 609
Delta R.T. -0.048 min
Lab File: VN079227.D
Acq: 11 Sep 2023 19:30

Instrument :
MSVOA_N
ClientSampleId :

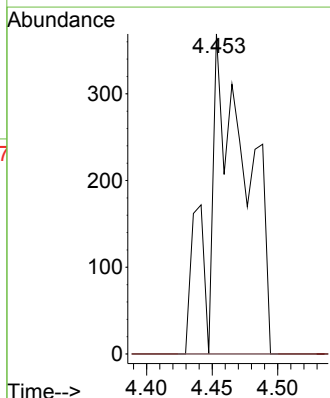
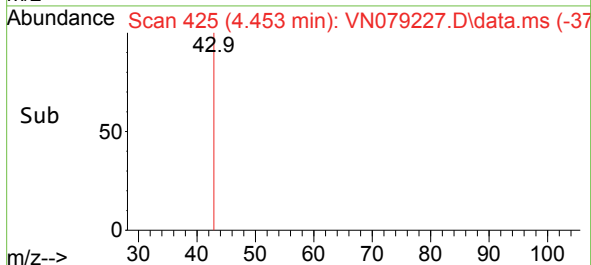
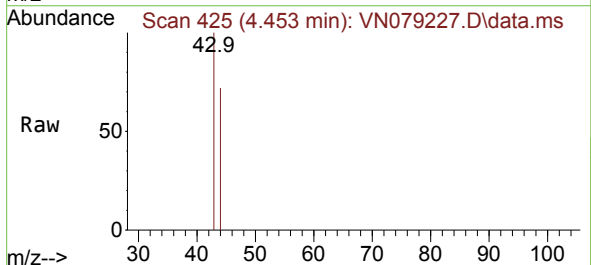


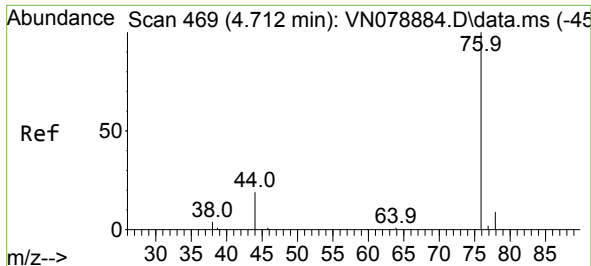
Tgt Ion: 59 Resp: 19861
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 1.119 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.011 min
Lab File: VN079227.D
Acq: 11 Sep 2023 19:30

Tgt Ion: 43 Resp: 746
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#

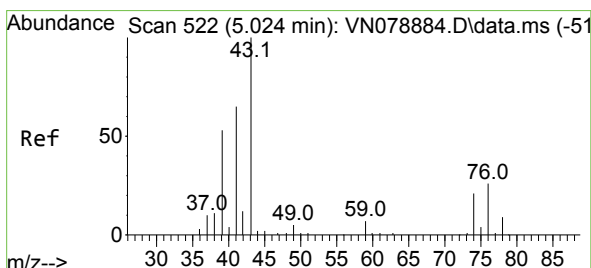
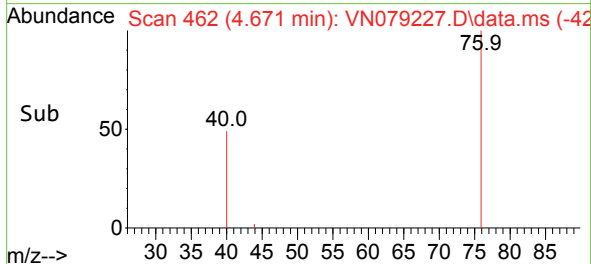
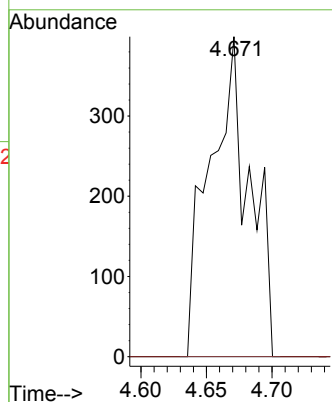
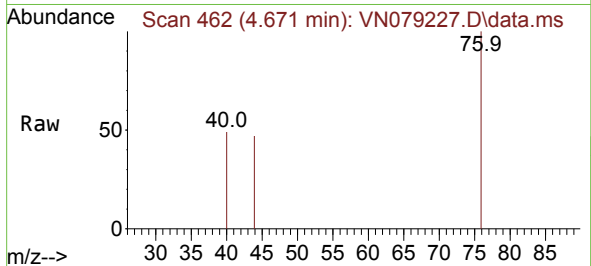




#17
Carbon Disulfide
Concen: 0.218 ug/l
RT: 4.671 min Scan# 41
Delta R.T. -0.053 min
Lab File: VN079227.D
Acq: 11 Sep 2023 19:30

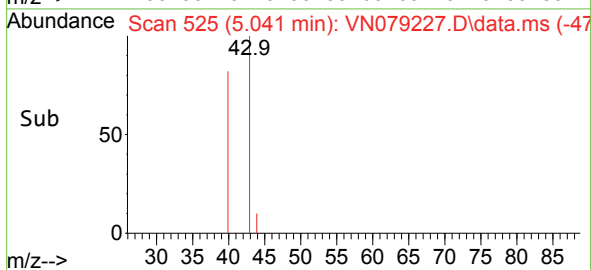
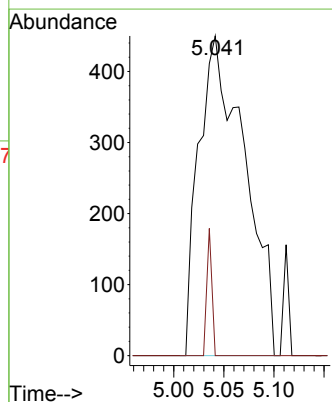
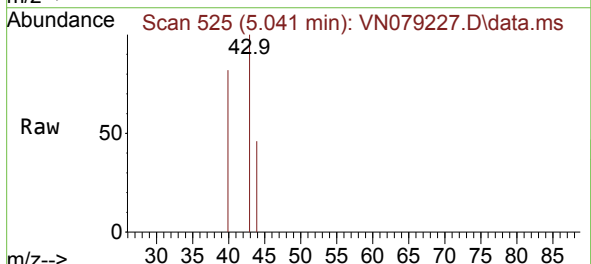
Instrument :
MSVOA_N
ClientSampleId :

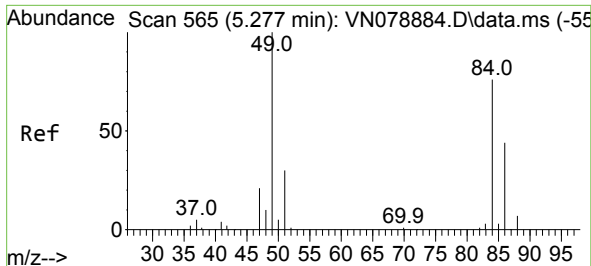
Tgt Ion: 76 Resp: 846
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 0.524 ug/l
RT: 5.041 min Scan# 525
Delta R.T. -0.001 min
Lab File: VN079227.D
Acq: 11 Sep 2023 19:30

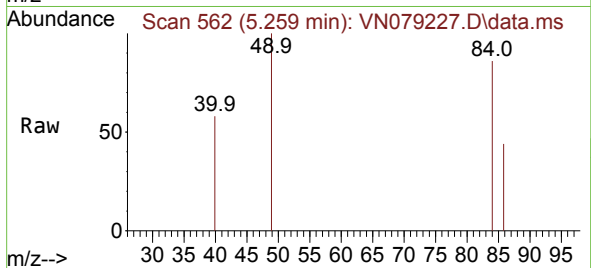
Tgt Ion: 43 Resp: 1436
Ion Ratio Lower Upper
43 100
74 4.4 26.2 39.4#



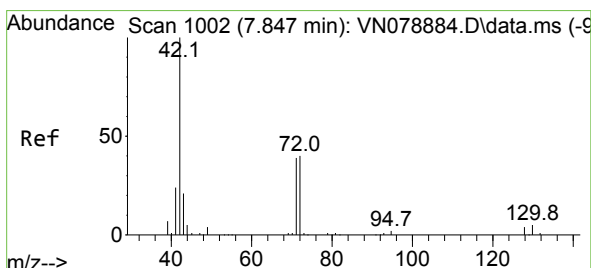
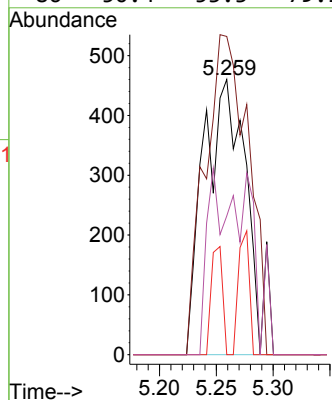


#20
Methylene Chloride
Concen: 0.752 ug/l
RT: 5.259 min Scan# 51
Delta R.T. -0.024 min
Lab File: VN079227.D
Acq: 11 Sep 2023 19:30

Instrument :
MSVOA_N
ClientSampleId :

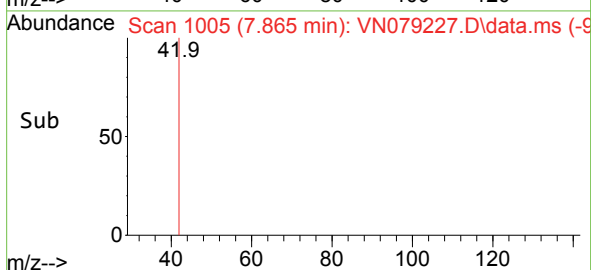
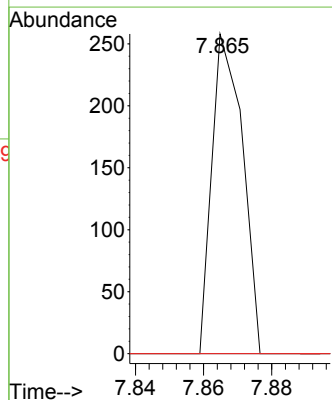
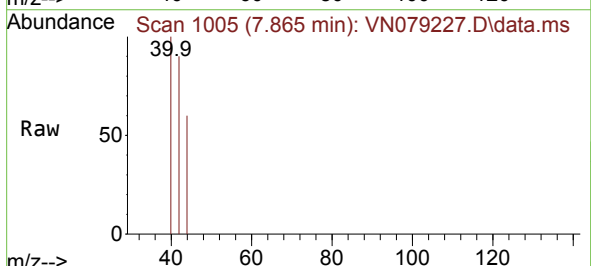


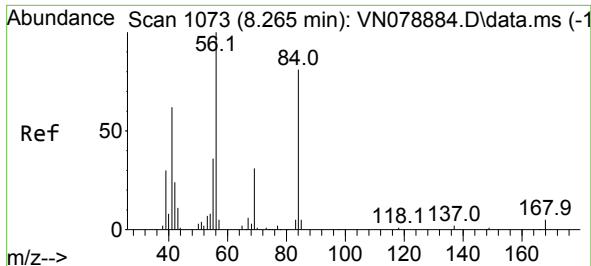
Tgt Ion:	84	Resp:	1219
Ion	Ratio	Lower	Upper
84	100		
49	115.7	79.7	119.5
51	0.0	25.2	37.8#
86	50.4	53.3	79.9#



#29
Tetrahydrofuran
Concen: 0.262 ug/l
RT: 7.865 min Scan# 1005
Delta R.T. 0.018 min
Lab File: VN079227.D
Acq: 11 Sep 2023 19:30

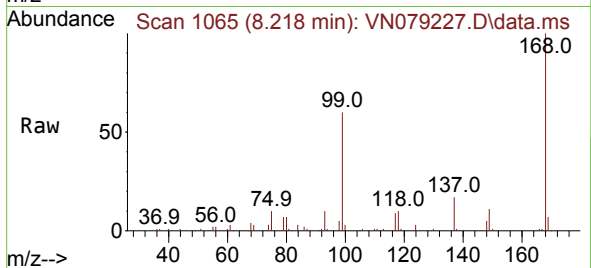
Tgt Ion:	42	Resp:	161
Ion	Ratio	Lower	Upper
42	100		
72	0.0	49.8	74.6#
71	0.0	47.4	71.2#



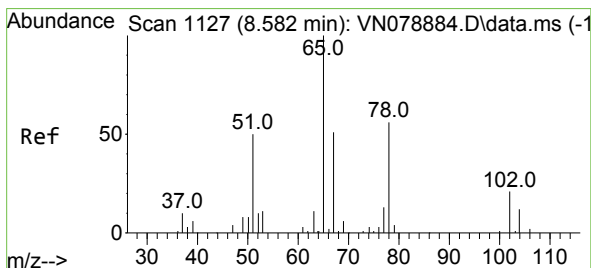
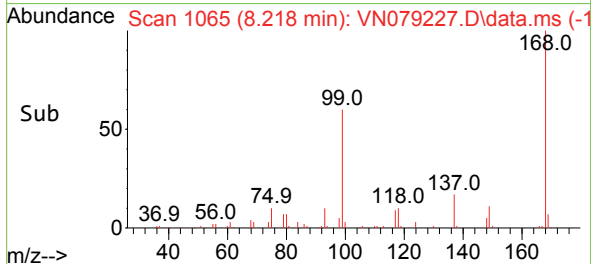
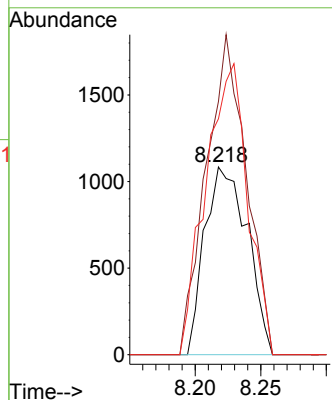


#31
Cyclohexane
Concen: 1.071 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.047 min
Lab File: VN079227.D
Acq: 11 Sep 2023 19:30

Instrument :
MSVOA_N
ClientSampleId :

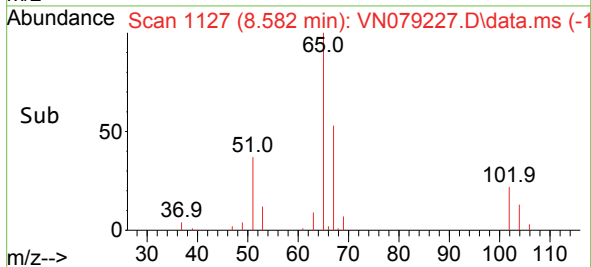
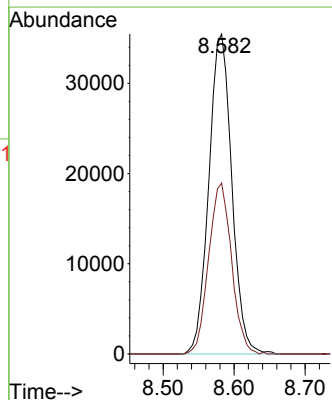
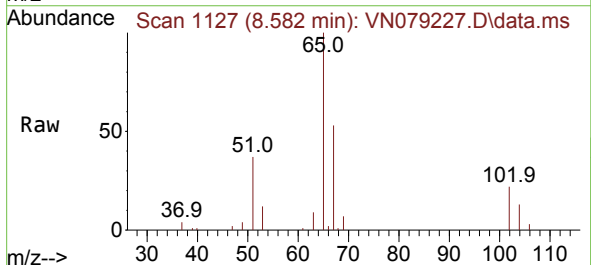


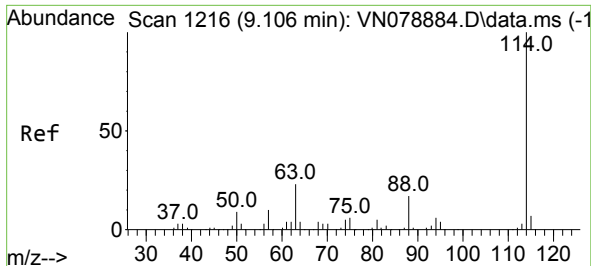
Tgt Ion: 56 Resp: 2454
Ion Ratio Lower Upper
56 100
69 134.9 26.8 40.2#
84 125.6 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 50.775 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079227.D
Acq: 11 Sep 2023 19:30

Tgt Ion: 65 Resp: 79671
Ion Ratio Lower Upper
65 100
67 53.3 0.0 106.6

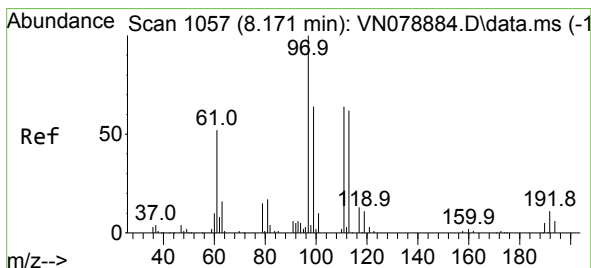
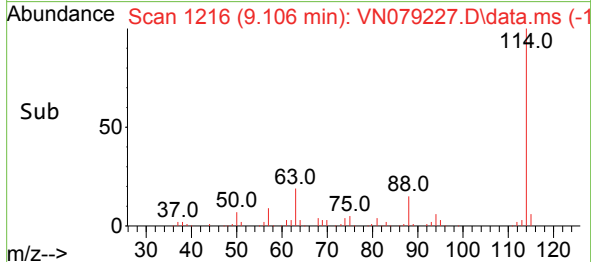
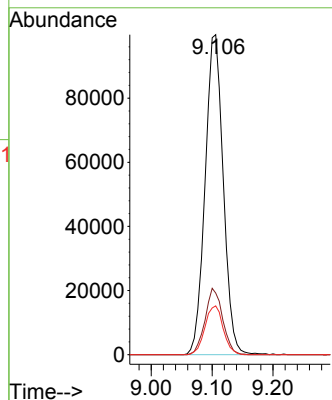
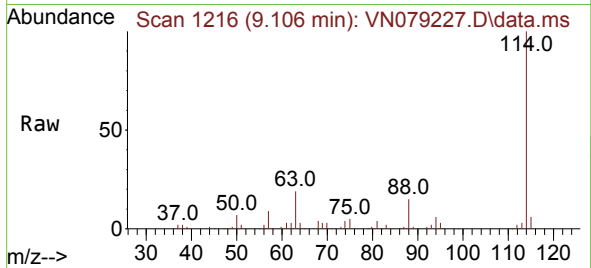




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079227.D
Acq: 11 Sep 2023 19:30

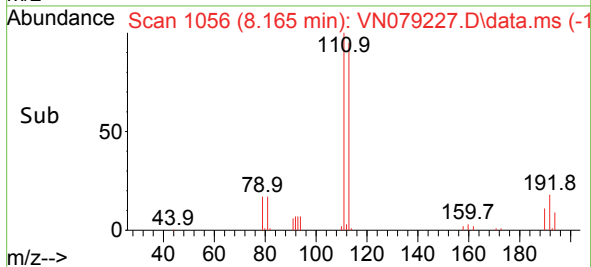
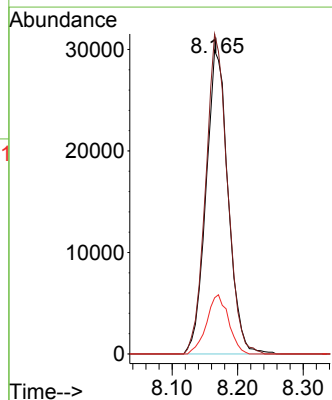
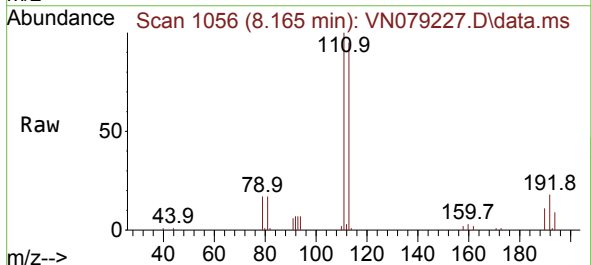
Instrument :
MSVOA_N
ClientSampleId :

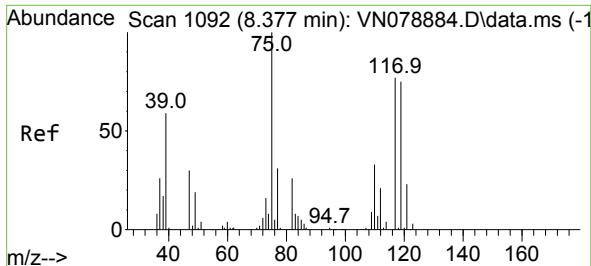
Tgt Ion:114 Resp: 206915
Ion Ratio Lower Upper
114 100
63 19.2 0.0 36.4
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.119 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN079227.D
Acq: 11 Sep 2023 19:30

Tgt Ion:113 Resp: 70358
Ion Ratio Lower Upper
113 100
111 103.4 82.6 123.8
192 19.3 12.7 19.1#





#36

1,1-Dichloropropene

Concen: 4.335 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.159 min

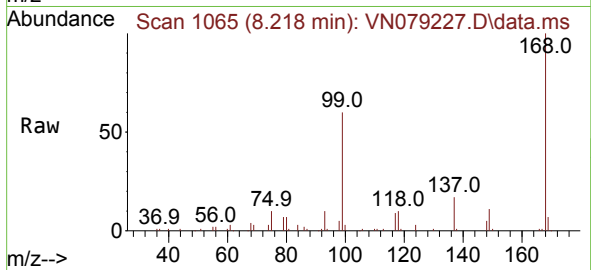
Lab File: VN079227.D

Acq: 11 Sep 2023 19:30

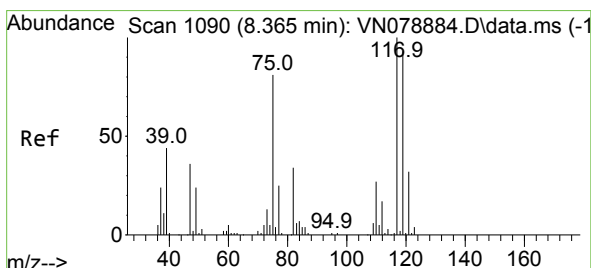
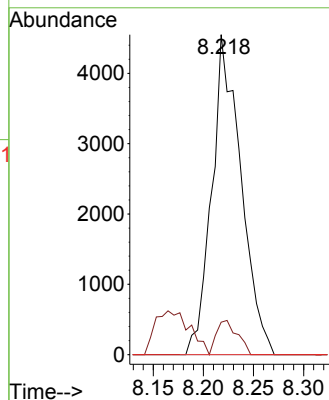
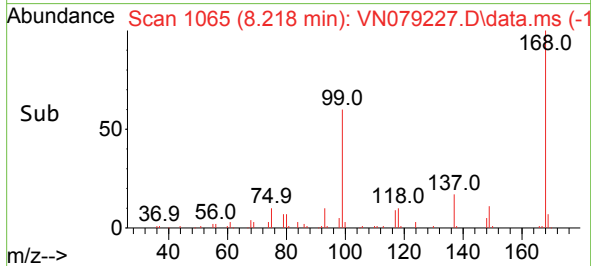
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 75	Resp: 9196
Ion Ratio	Lower Upper
75	100
110	7.6 19.1 57.3#
77	0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.270 ug/l

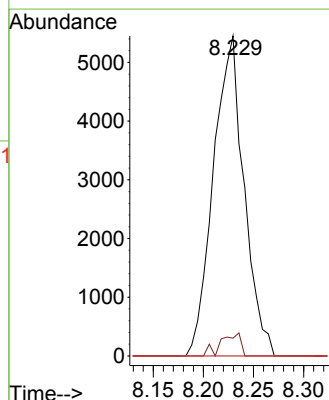
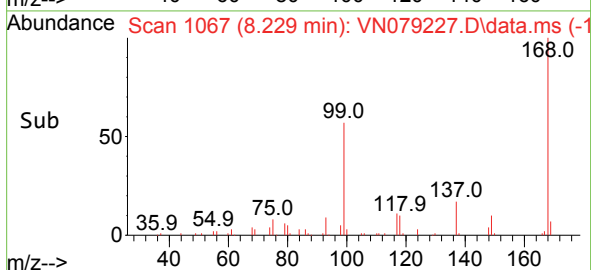
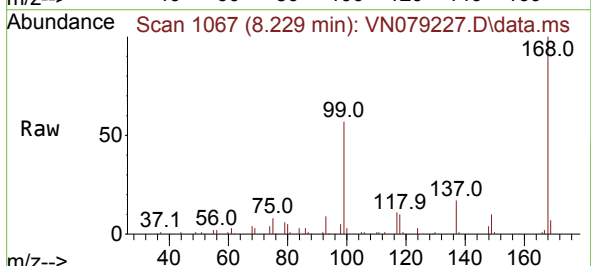
RT: 8.229 min Scan# 1067

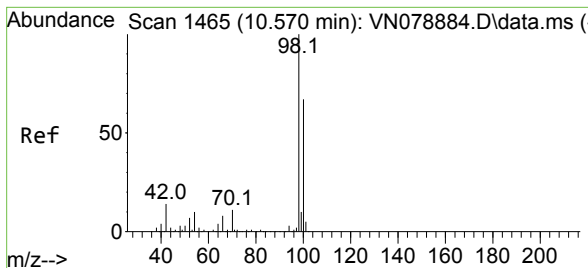
Delta R.T. -0.142 min

Lab File: VN079227.D

Acq: 11 Sep 2023 19:30

Tgt Ion: 117	Resp: 11570
Ion Ratio	Lower Upper
117	100
119	5.5 77.3 115.9#
121	0.0 23.3 34.9#

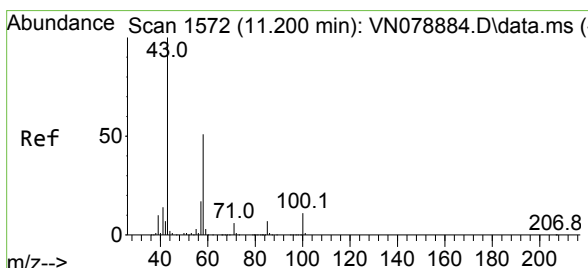
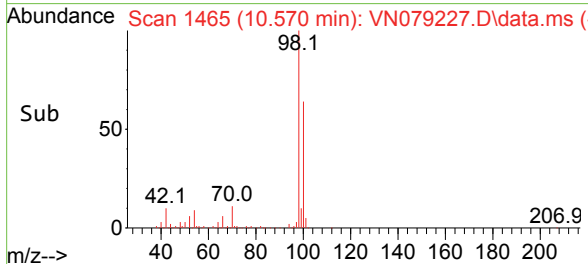
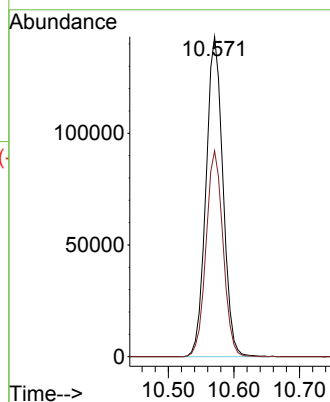
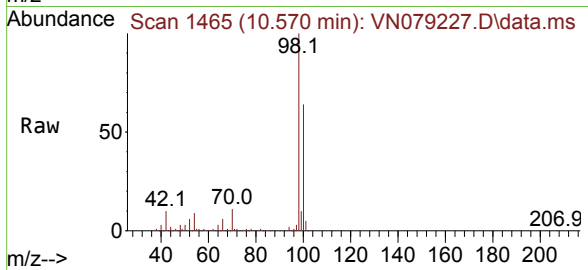




#50
Toluene-d8
Concen: 50.877 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN079227.D
Acq: 11 Sep 2023 19:30

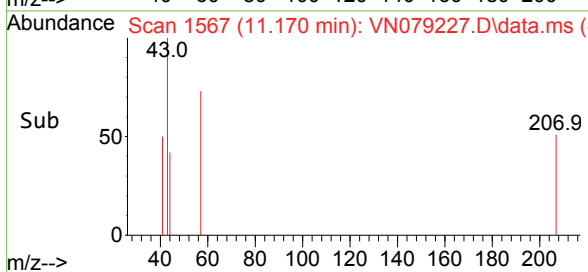
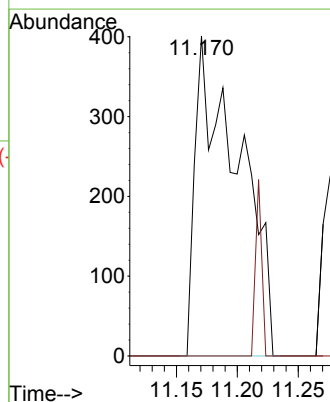
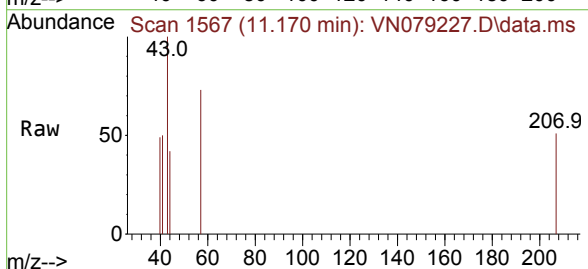
Instrument :
MSVOA_N
ClientSampleId :

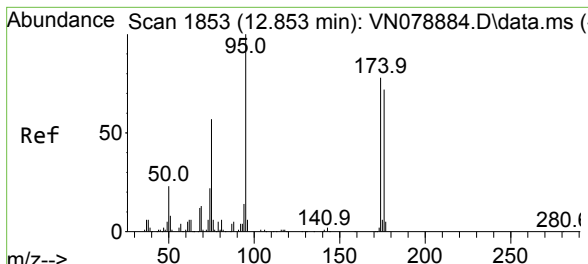
Tgt Ion: 98 Resp: 257122
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#59
2-Hexanone
Concen: 0.682 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. -0.030 min
Lab File: VN079227.D
Acq: 11 Sep 2023 19:30

Tgt Ion: 43 Resp: 990
Ion Ratio Lower Upper
43 100
58 0.0 31.7 95.1#

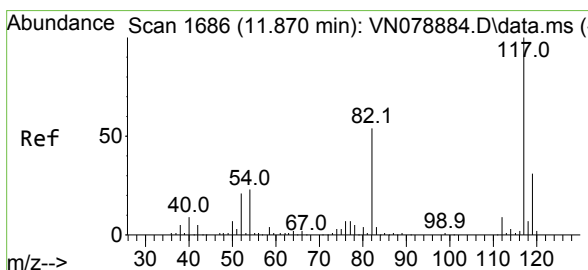
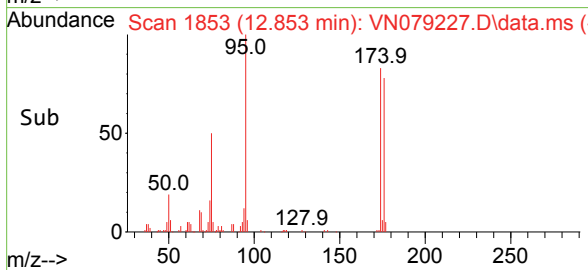
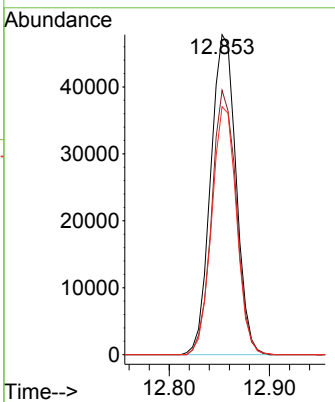
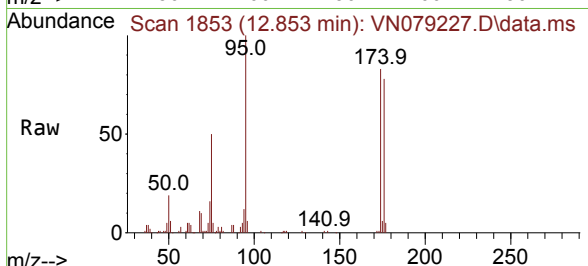




#62
 4-Bromofluorobenzene
 Concen: 52.016 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VN079227.D
 Acq: 11 Sep 2023 19:30

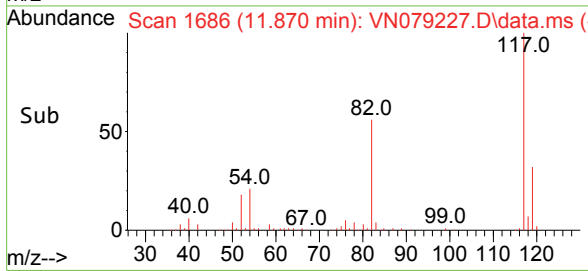
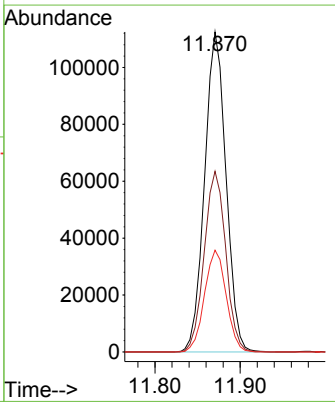
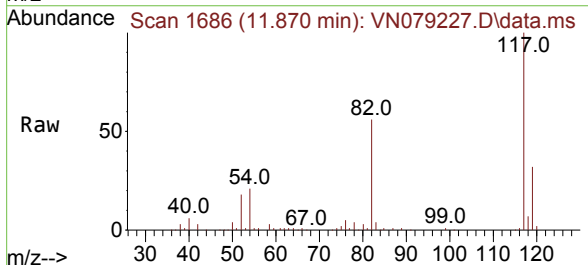
Instrument :
 MSVOA_N
 ClientSampleId :

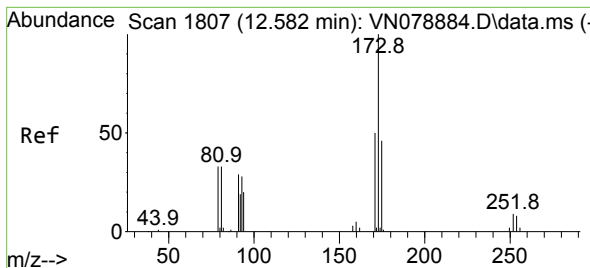
Tgt Ion:	95	Resp:	83852
Ion	Ratio	Lower	Upper
95	100		
174	80.2	0.0	143.8
176	75.9	0.0	135.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.870 min Scan# 1686
 Delta R.T. -0.001 min
 Lab File: VN079227.D
 Acq: 11 Sep 2023 19:30

Tgt Ion:	117	Resp:	196192
Ion	Ratio	Lower	Upper
117	100		
82	56.5	44.0	66.0
119	31.8	25.6	38.4





#71

Bromoform

Concen: 0.347 ug/l

RT: 12.847 min Scan# 1807

Delta R.T. 0.265 min

Lab File: VN079227.D

Acq: 11 Sep 2023 19:30

Instrument :

MSVOA_N

ClientSampleId :

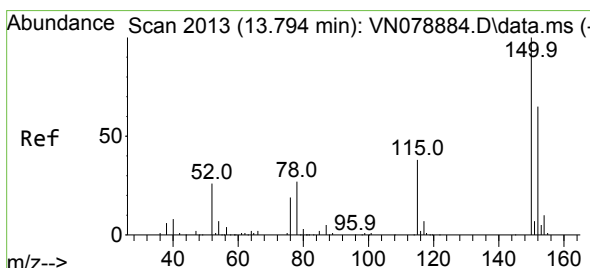
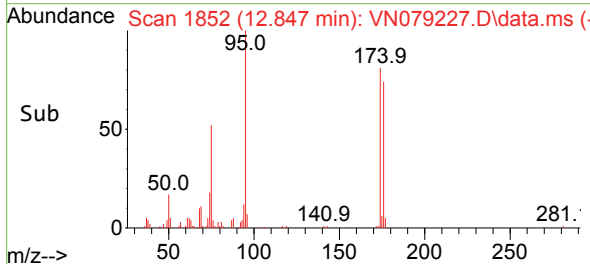
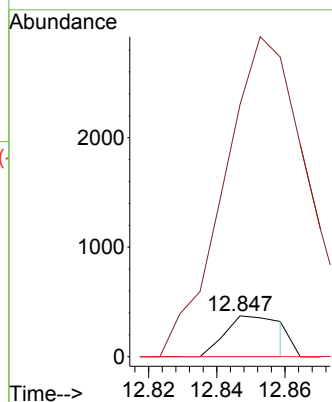
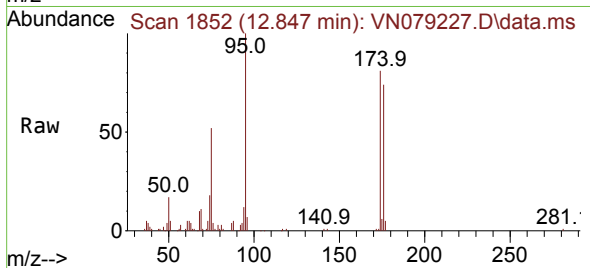
Tgt Ion:173 Resp: 427

Ion Ratio Lower Upper

173 100

175 857.8 24.3 73.0#

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: VN079227.D

Acq: 11 Sep 2023 19:30

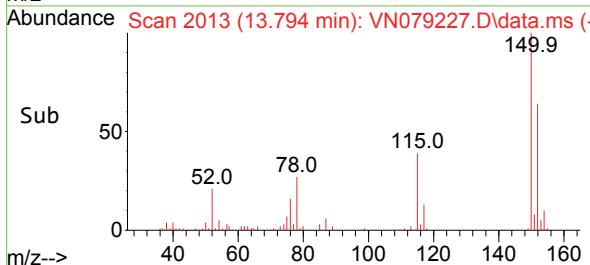
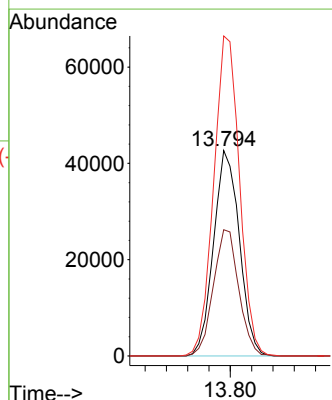
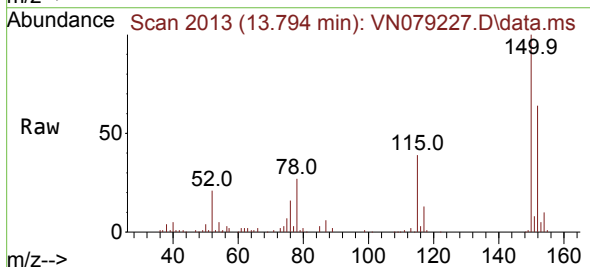
Tgt Ion:152 Resp: 71603

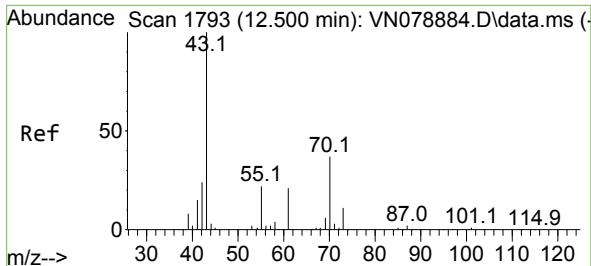
Ion Ratio Lower Upper

152 100

115 60.6 32.3 96.8

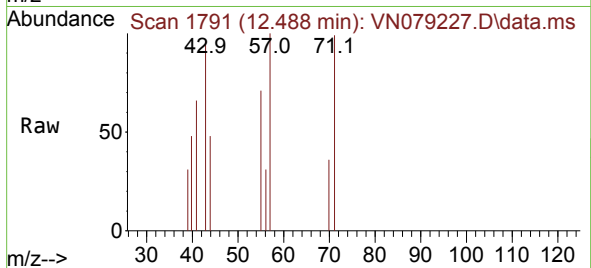
150 156.0 0.0 355.8



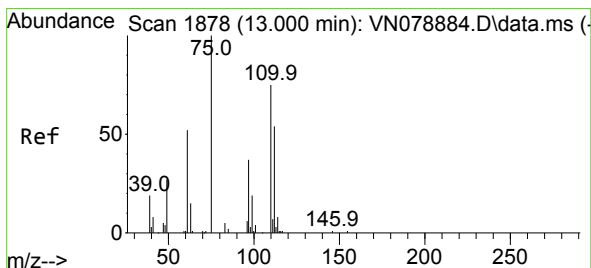
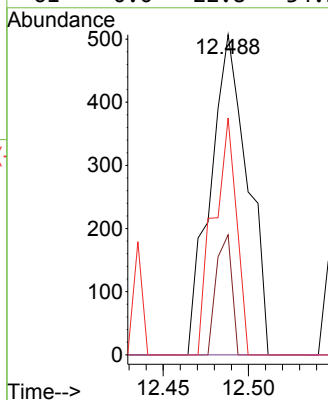
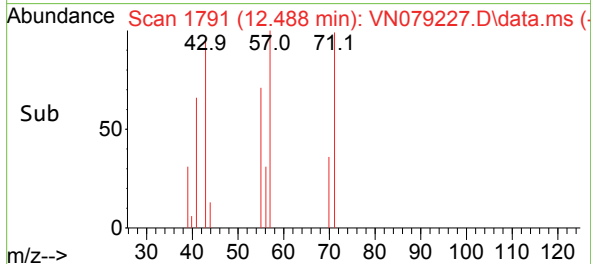


#74
N-amy1 acetate
Concen: 0.312 ug/l
RT: 12.488 min Scan# 1793
Delta R.T. -0.012 min
Lab File: VN079227.D
Acq: 11 Sep 2023 19:30

Instrument :
MSVOA_N
ClientSampleId :

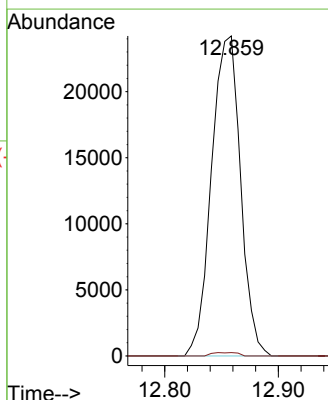
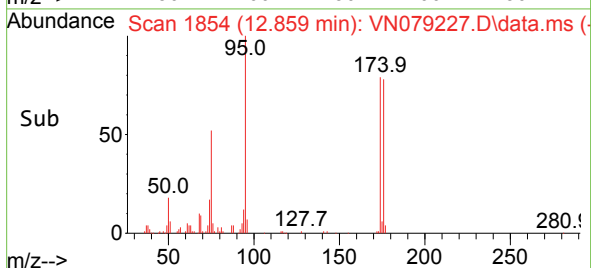
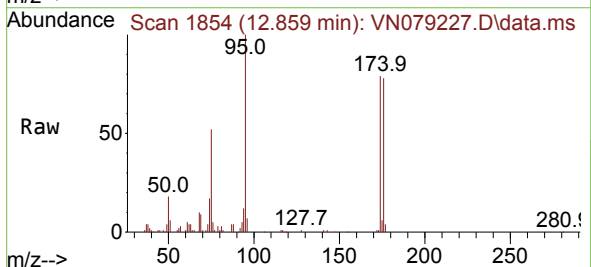


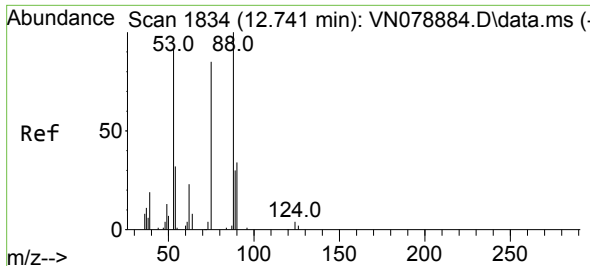
Tgt Ion: 43	Resp: 770
Ion Ratio	Lower Upper
43 100	
70 15.8	43.4 65.2#
55 46.0	21.4 32.0#
61 0.0	22.8 34.2#



#76
1,2,3-Trichloropropane
Concen: 22.252 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. -0.141 min
Lab File: VN079227.D
Acq: 11 Sep 2023 19:30

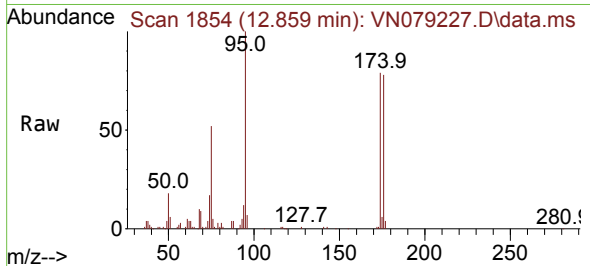
Tgt Ion: 75	Resp: 42942
Ion Ratio	Lower Upper
75 100	
77 0.9	84.5 253.5#



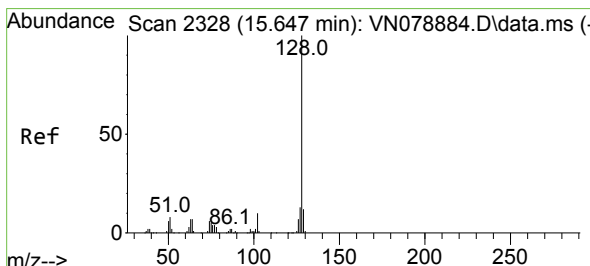
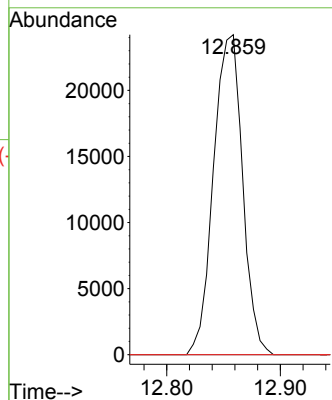
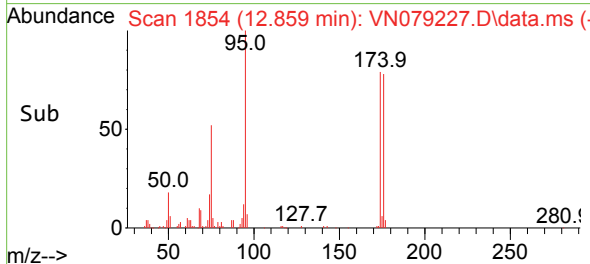


#81
trans-1,4-Dichloro-2-butene
Concen: 61.176 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.118 min
Lab File: VN079227.D
Acq: 11 Sep 2023 19:30

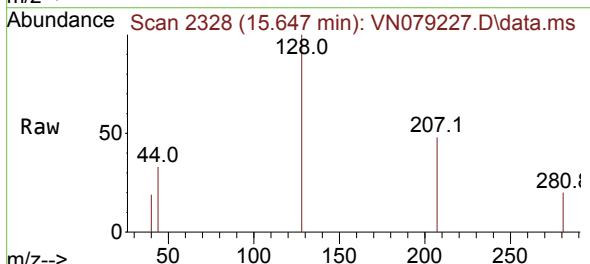
Instrument :
MSVOA_N
ClientSampleId :



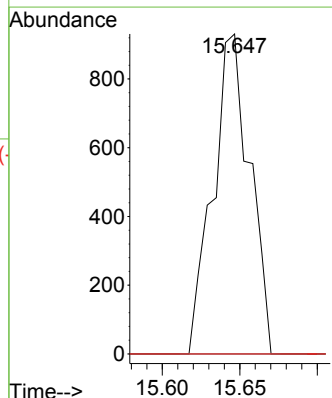
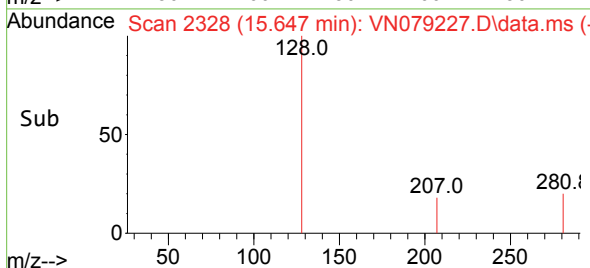
Tgt Ion: 75 Resp: 42942
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

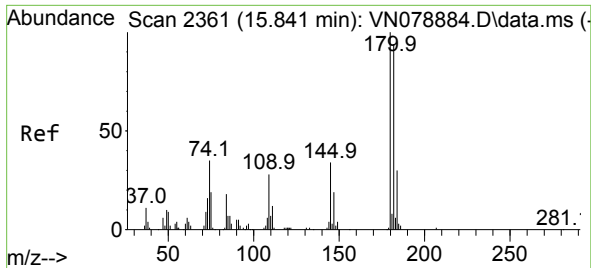


#95
Naphthalene
Concen: 0.540 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079227.D
Acq: 11 Sep 2023 19:30



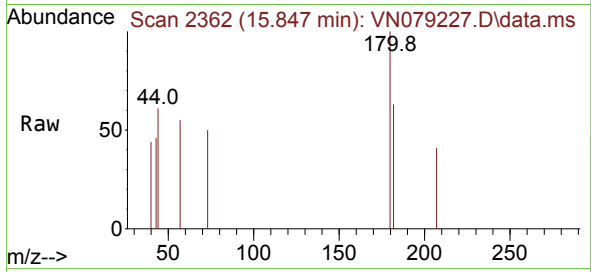
Tgt Ion: 128 Resp: 1539
Ion Ratio Lower Upper
128 100
127 0.0 10.0 15.0#
129 0.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.444 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN079227.D
 Acq: 11 Sep 2023 19:30

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 503
 Ion Ratio Lower Upper
 180 100
 182 26.4 46.2 138.6#
 145 0.0 17.5 52.6#

