

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091823\
 Data File : VN079287.D
 Acq On : 18 Sep 2023 15:17
 Operator : JC\MD
 Sample : VN0918WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 19 01:23:16 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)

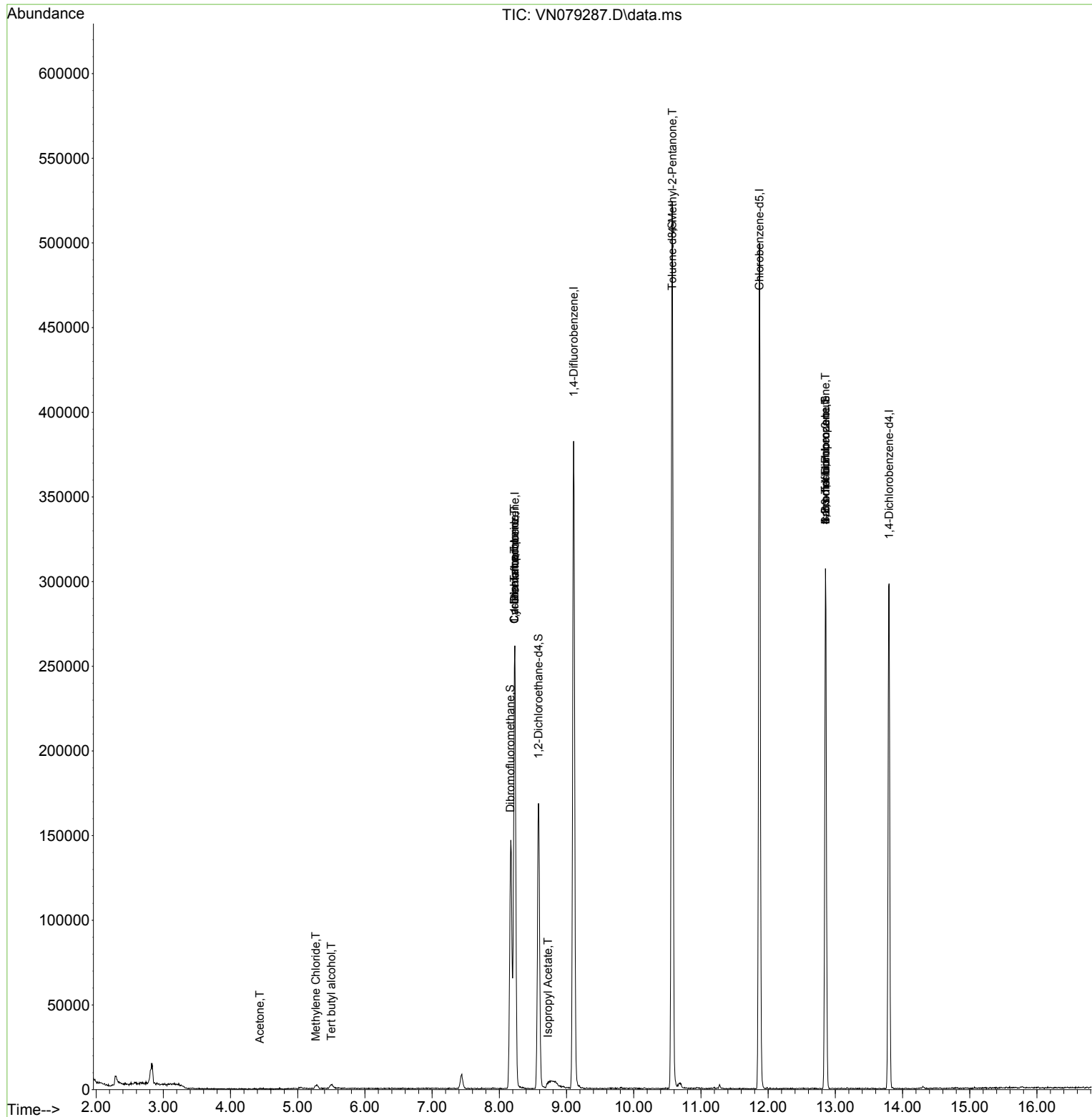
Internal Standards						
1) Pentafluorobenzene	8.230	168	182060	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	323749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	281568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	79936	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	140756	57.273	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.540%
35) Dibromofluoromethane	8.165	113	104664	48.601	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.200%
50) Toluene-d8	10.571	98	352232	44.545	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.080%
62) 4-Bromofluorobenzene	12.853	95	104142	41.289	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.580%#
Target Compounds						
					Qvalue	
6) Chloroethane	3.136	64	412	Below Cal	#	43
11) Tert butyl alcohol	5.500	59	2203	4.855	ug/l #	72
16) Acetone	4.436	43	313	0.300	ug/l #	40
20) Methylene Chloride	5.271	84	814	0.320	ug/l #	54
31) Cyclohexane	8.224	56	4979	1.387	ug/l #	47
36) 1,1-Dichloropropene	8.224	75	16417	4.946	ug/l #	50
38) Carbon Tetrachloride	8.224	117	19519	5.682	ug/l #	16
43) Isopropyl Acetate	8.724	43	2033	0.376	ug/l #	49
51) 4-Methyl-2-Pentanone	10.577	43	1791	0.571	ug/l #	1
71) Bromoform	12.853	173	876	0.496	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	59083	27.425	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	59083	75.396	ug/l #	15

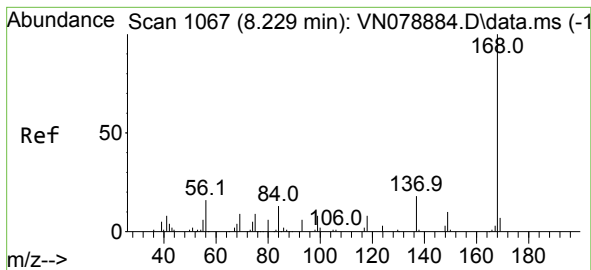
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

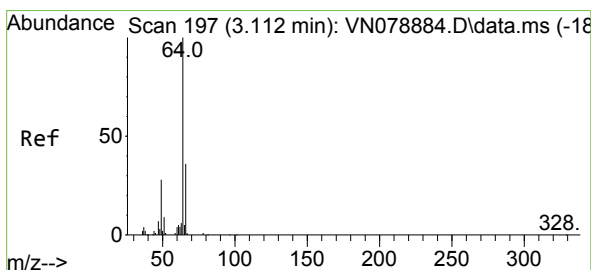
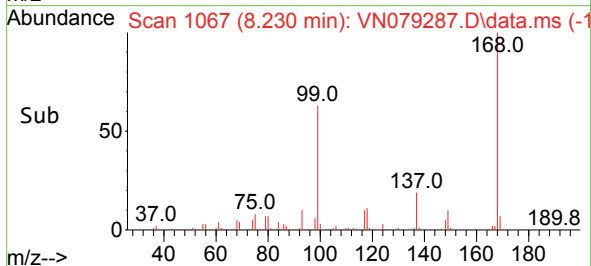
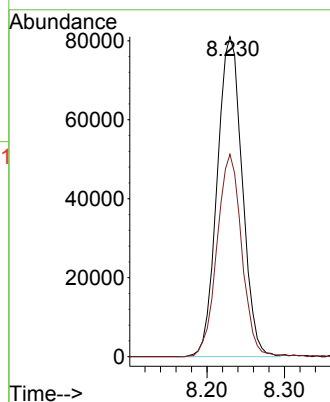
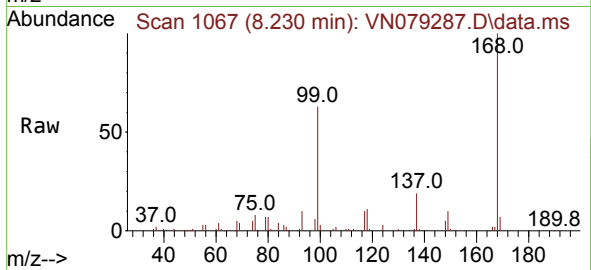




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN079287.D
Acq: 18 Sep 2023 15:17

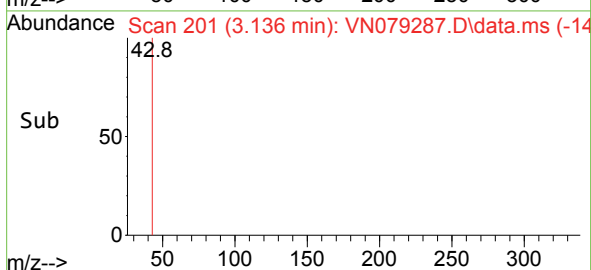
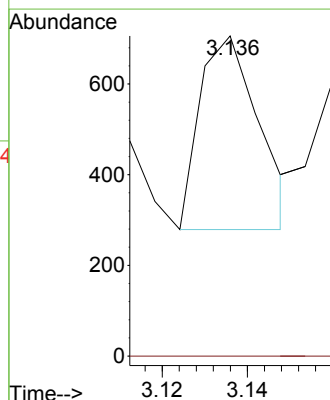
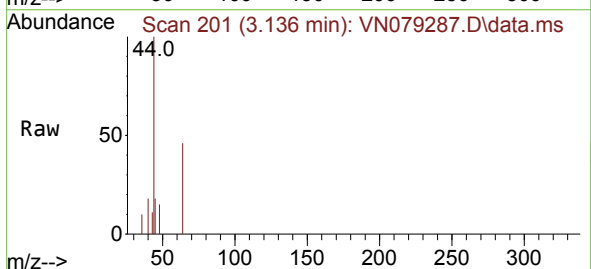
Instrument :
MSVOA_N
ClientSampleId :

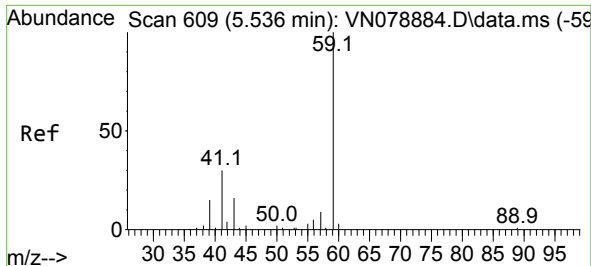
Tgt Ion:168 Resp: 182060
Ion Ratio Lower Upper
168 100
99 63.3 53.0 79.6



#6
Chloroethane
Concen: Below Cal
RT: 3.136 min Scan# 201
Delta R.T. 0.018 min
Lab File: VN079287.D
Acq: 18 Sep 2023 15:17

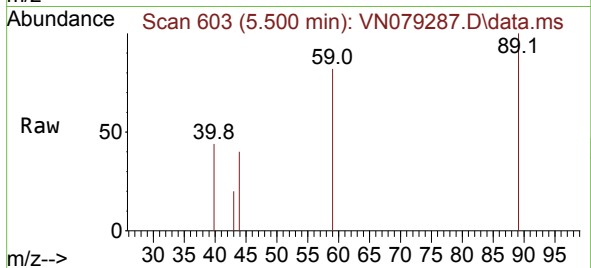
Tgt Ion: 64 Resp: 412
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



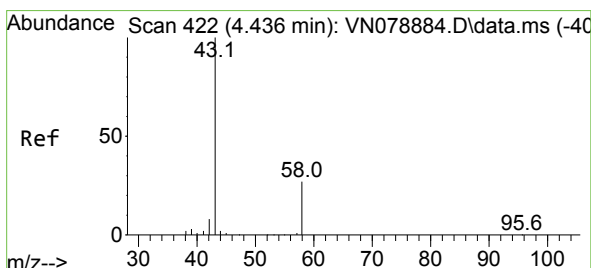
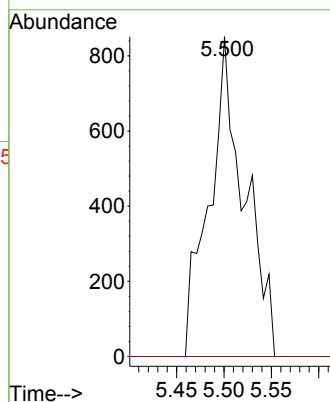
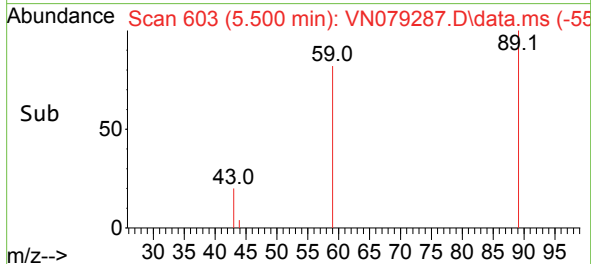


#11
Tert butyl alcohol
Concen: 4.855 ug/l
RT: 5.500 min Scan# 609
Delta R.T. -0.042 min
Lab File: VN079287.D
Acq: 18 Sep 2023 15:17

Instrument :
MSVOA_N
ClientSampleId :

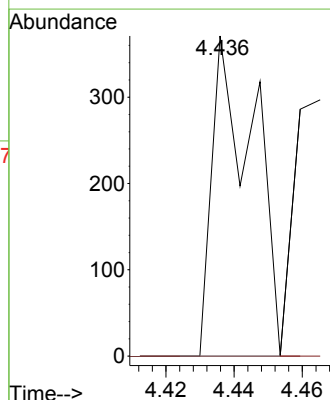
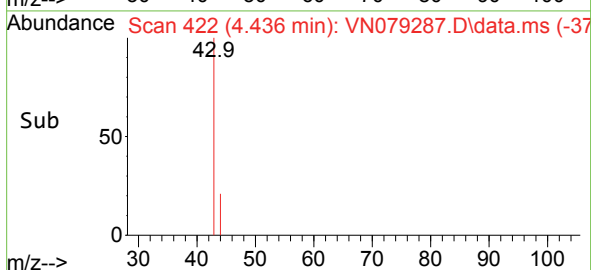
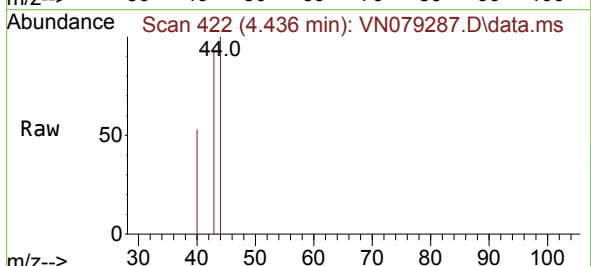


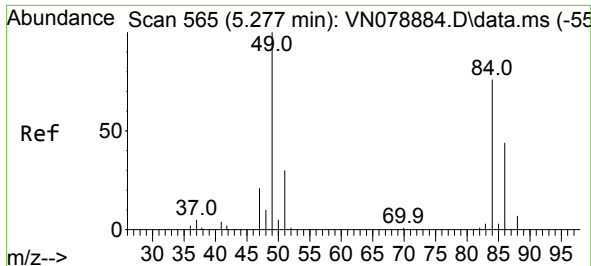
Tgt Ion: 59 Resp: 2203
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 0.300 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079287.D
Acq: 18 Sep 2023 15:17

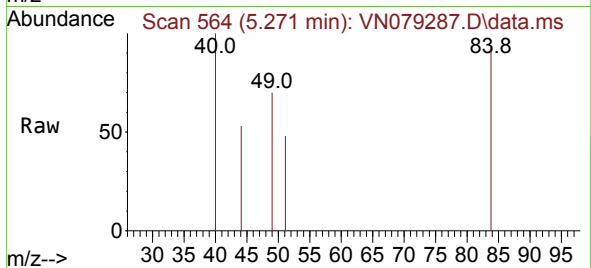
Tgt Ion: 43 Resp: 313
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#





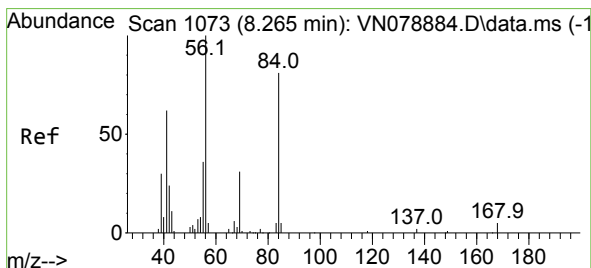
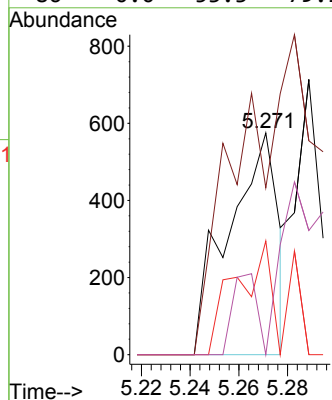
#20
Methylene Chloride
Concen: 0.320 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN079287.D
Acq: 18 Sep 2023 15:17

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 814

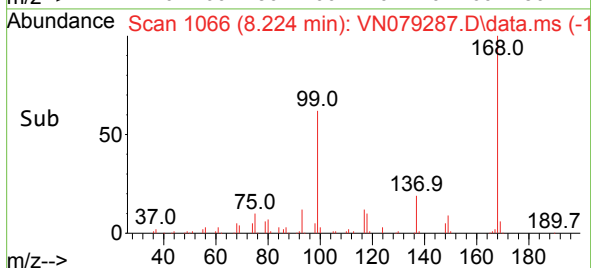
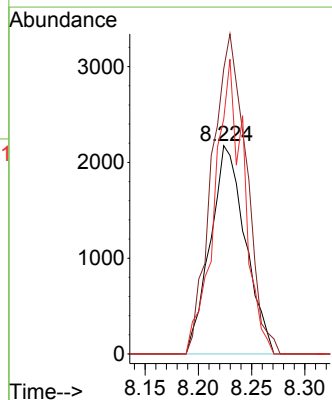
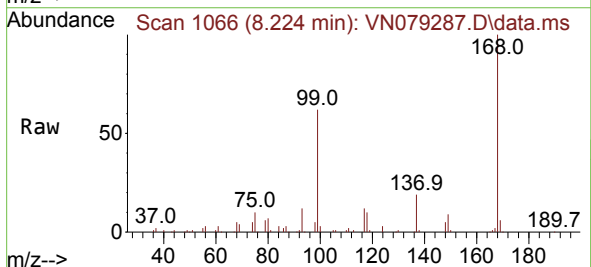
Ion	Ratio	Lower	Upper
84	100		
49	75.3	79.7	119.5#
51	51.3	25.2	37.8#
86	0.0	53.3	79.9#

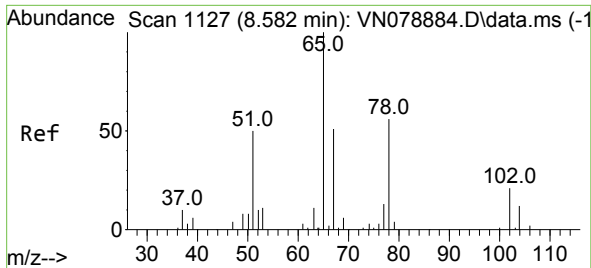


#31
Cyclohexane
Concen: 1.387 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.041 min
Lab File: VN079287.D
Acq: 18 Sep 2023 15:17

Tgt Ion: 56 Resp: 4979

Ion	Ratio	Lower	Upper
56	100		
69	136.8	26.8	40.2#
84	112.7	81.8	122.6





#33

1,2-Dichloroethane-d4

Concen: 57.273 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079287.D

Acq: 18 Sep 2023 15:17

Instrument :

MSVOA_N

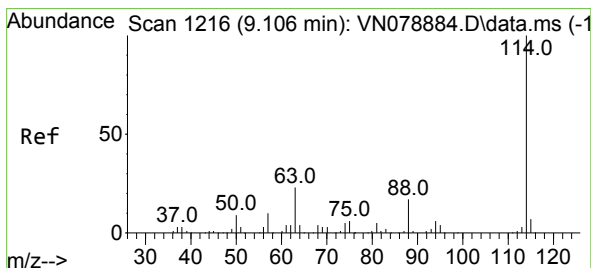
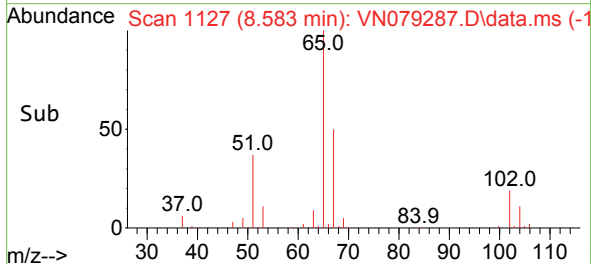
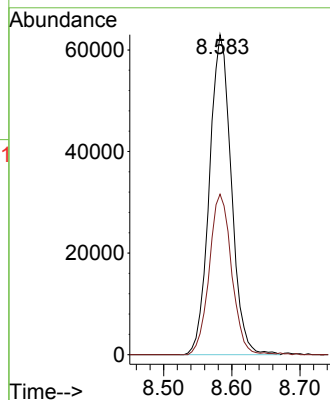
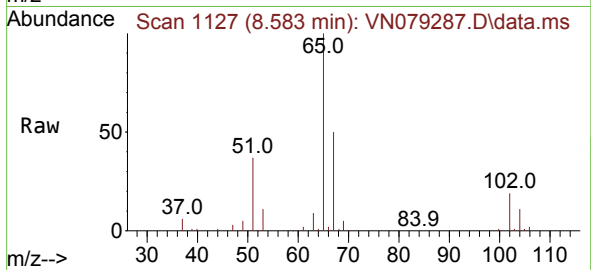
ClientSampleId :

Tgt Ion: 65 Resp: 140756

Ion Ratio Lower Upper

65 100

67 51.2 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079287.D

Acq: 18 Sep 2023 15:17

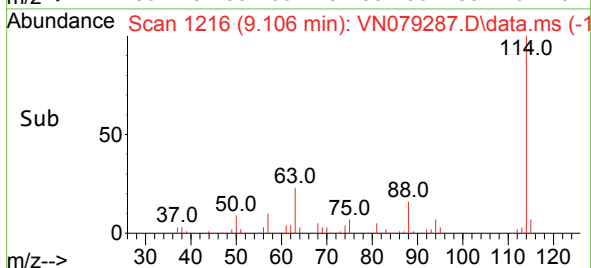
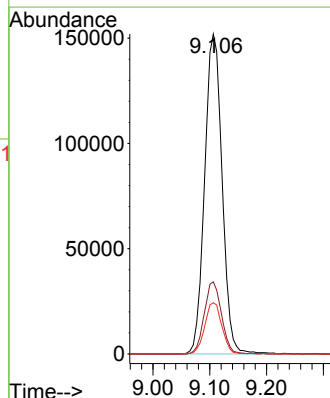
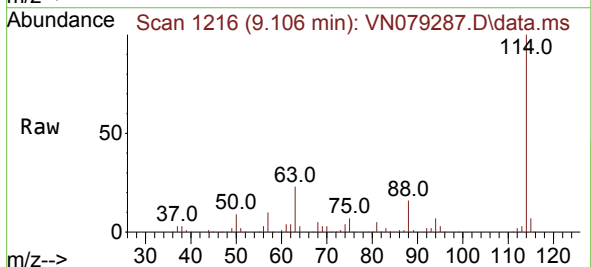
Tgt Ion: 114 Resp: 323749

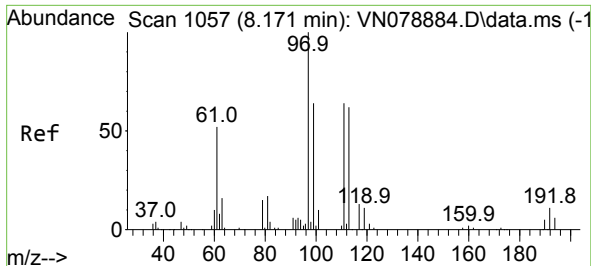
Ion Ratio Lower Upper

114 100

63 22.6 0.0 36.4

88 16.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.601 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

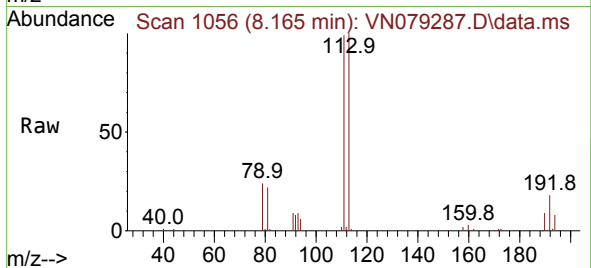
Lab File: VN079287.D

Acq: 18 Sep 2023 15:17

Instrument :

MSVOA_N

ClientSampleId :



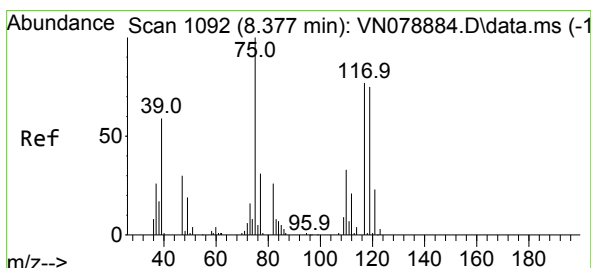
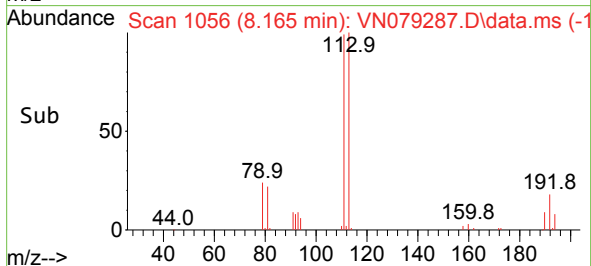
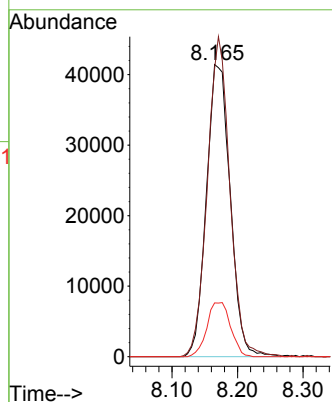
Tgt Ion:113 Resp: 104664

Ion Ratio Lower Upper

113 100

111 103.6 82.6 123.8

192 18.4 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.946 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

Lab File: VN079287.D

Acq: 18 Sep 2023 15:17

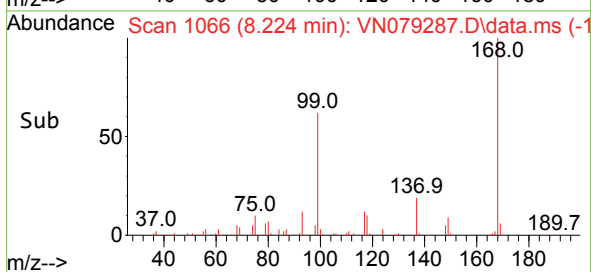
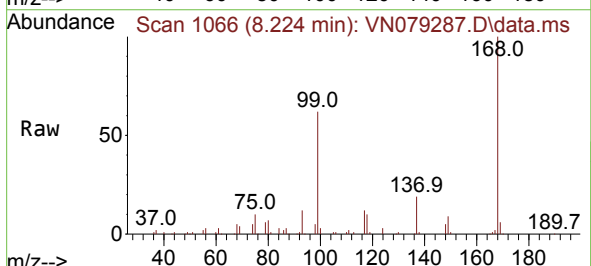
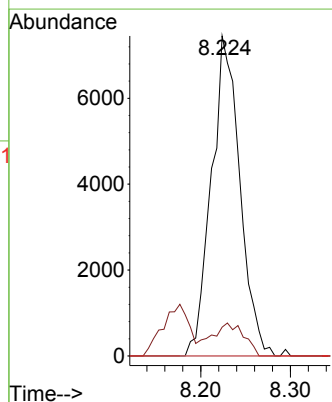
Tgt Ion: 75 Resp: 16417

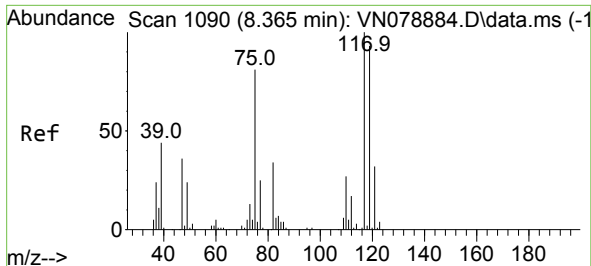
Ion Ratio Lower Upper

75 100

110 11.1 19.1 57.3#

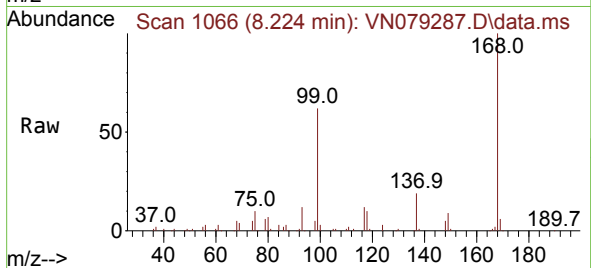
77 0.0 25.0 37.4#



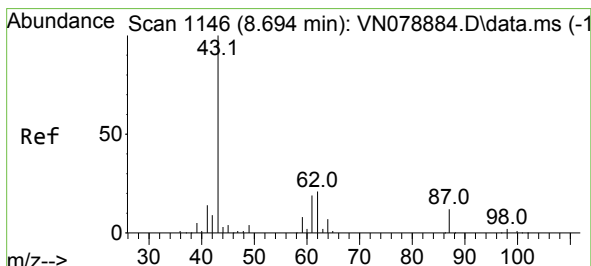
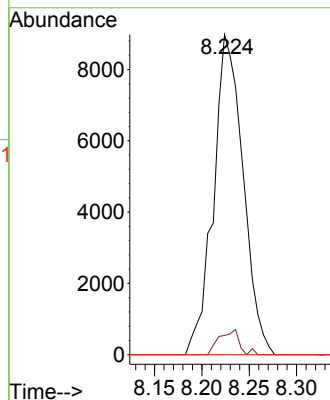
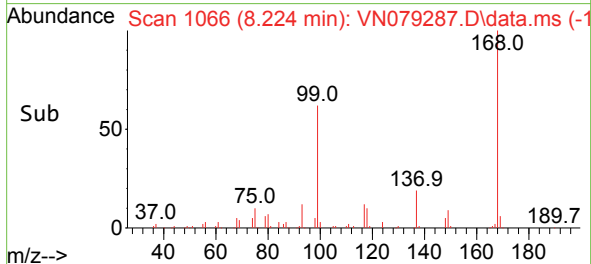


#38
Carbon Tetrachloride
Concen: 5.682 ug/l
RT: 8.224 min Scan# 1105
Delta R.T. -0.147 min
Lab File: VN079287.D
Acq: 18 Sep 2023 15:17

Instrument :
MSVOA_N
ClientSampleId :

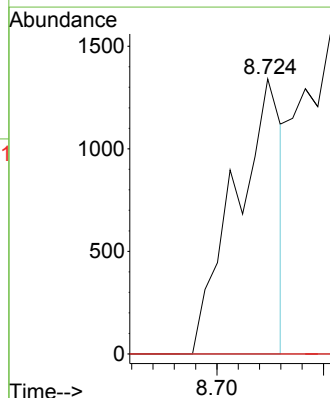
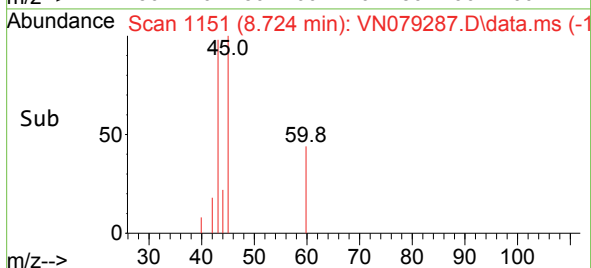
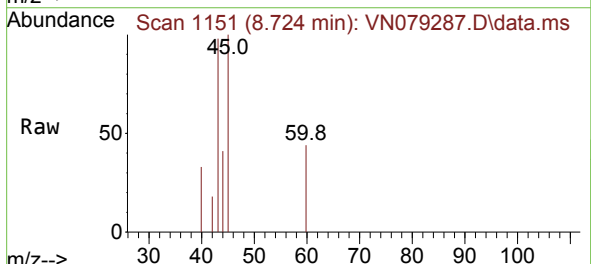


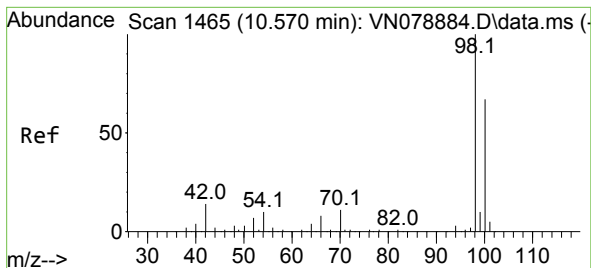
Tgt Ion:117 Resp: 19519
Ion Ratio Lower Upper
117 100
119 6.0 77.3 115.9#
121 0.0 23.3 34.9#



#43
Isopropyl Acetate
Concen: 0.376 ug/l
RT: 8.724 min Scan# 1151
Delta R.T. 0.030 min
Lab File: VN079287.D
Acq: 18 Sep 2023 15:17

Tgt Ion: 43 Resp: 2033
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#





#50

Toluene-d8

Concen: 44.545 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079287.D

Acq: 18 Sep 2023 15:17

Instrument :

MSVOA_N

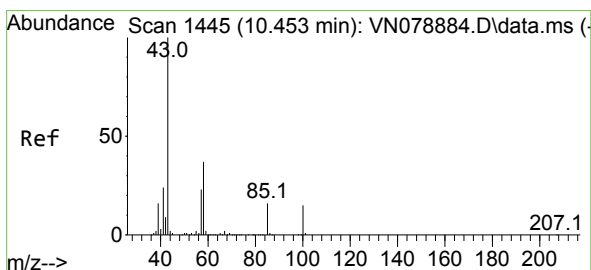
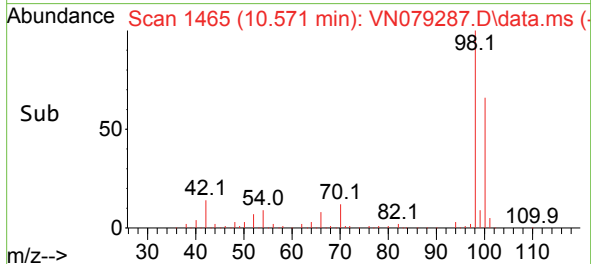
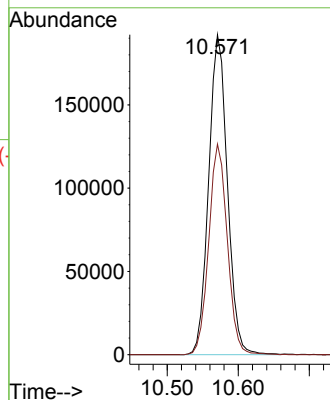
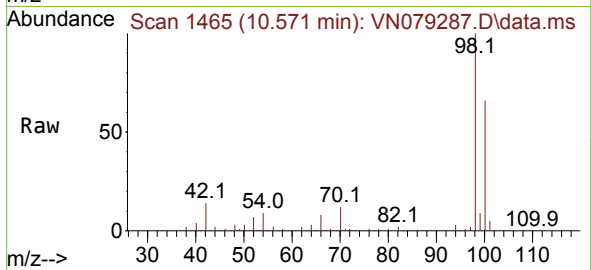
ClientSampleId :

Tgt Ion: 98 Resp: 352232

Ion Ratio Lower Upper

98 100

100 65.2 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 0.571 ug/l

RT: 10.577 min Scan# 1466

Delta R.T. 0.124 min

Lab File: VN079287.D

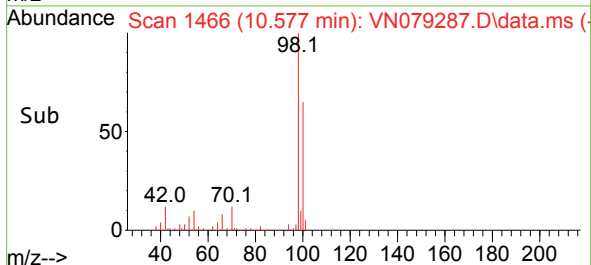
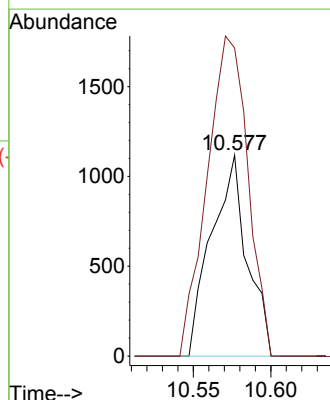
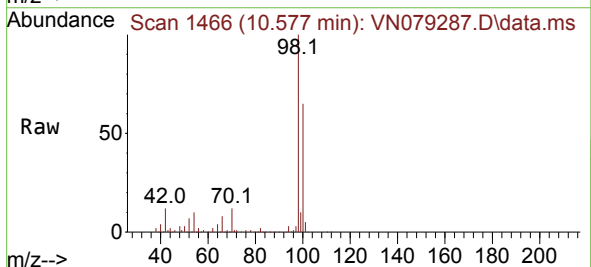
Acq: 18 Sep 2023 15:17

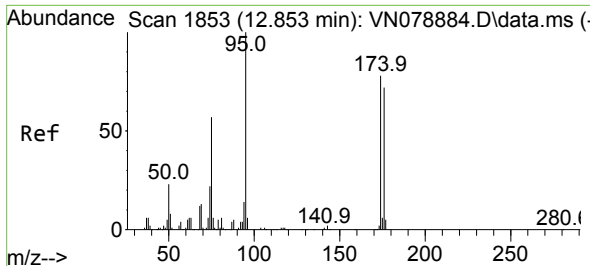
Tgt Ion: 43 Resp: 1791

Ion Ratio Lower Upper

43 100

58 181.9 36.6 54.8#

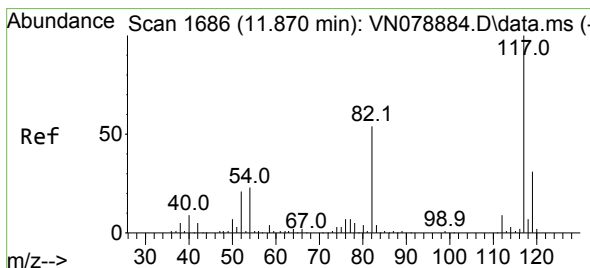
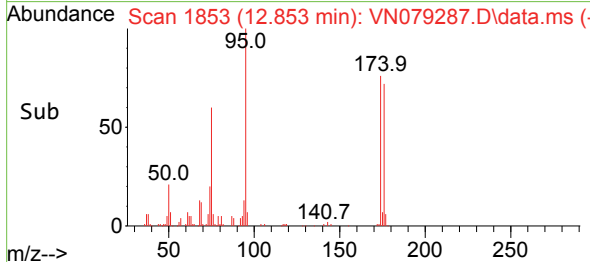
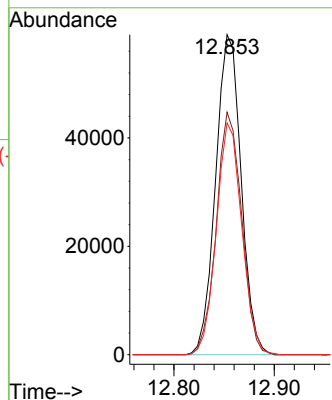
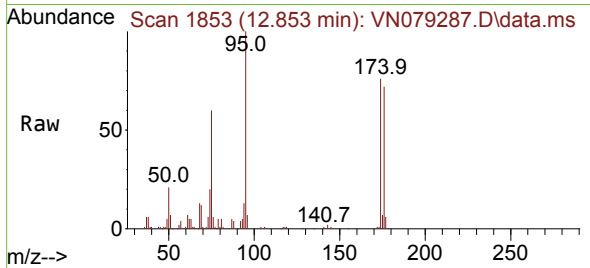




#62
4-Bromofluorobenzene
Concen: 41.289 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079287.D
Acq: 18 Sep 2023 15:17

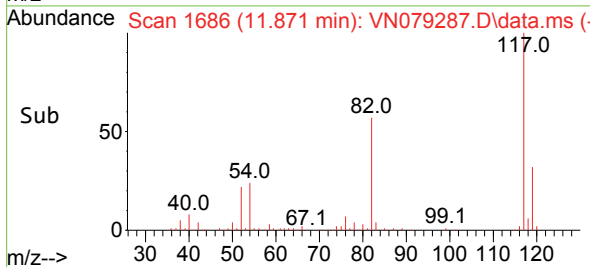
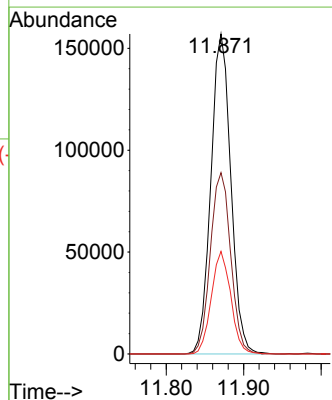
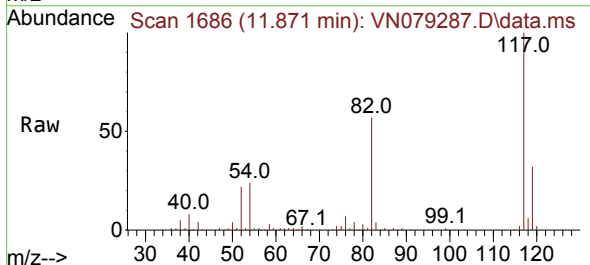
Instrument :
MSVOA_N
ClientSampleId :

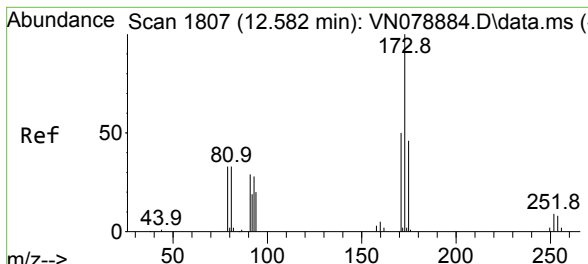
Tgt Ion: 95 Resp: 104142
Ion Ratio Lower Upper
95 100
174 75.3 0.0 143.8
176 72.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079287.D
Acq: 18 Sep 2023 15:17

Tgt Ion: 117 Resp: 281568
Ion Ratio Lower Upper
117 100
82 56.6 44.0 66.0
119 32.0 25.6 38.4

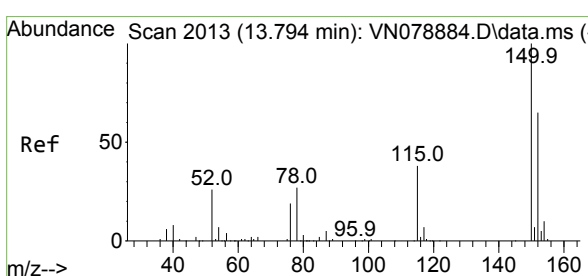
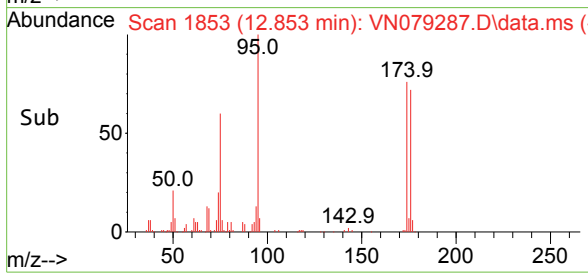
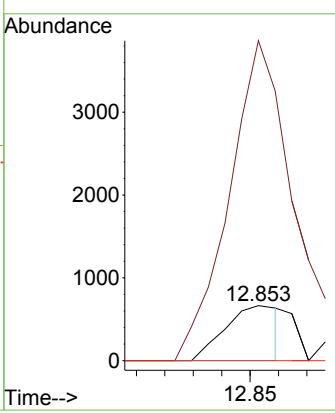
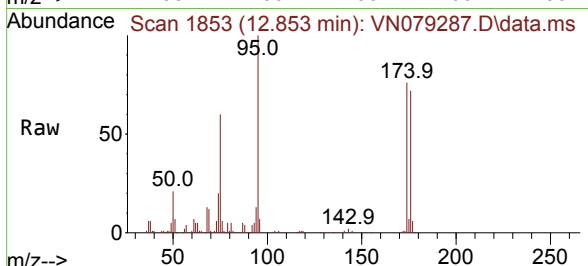




#71
 Bromoform
 Concen: 0.496 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.271 min
 Lab File: VN079287.D
 Acq: 18 Sep 2023 15:17

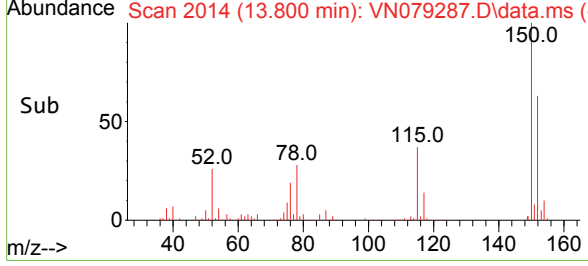
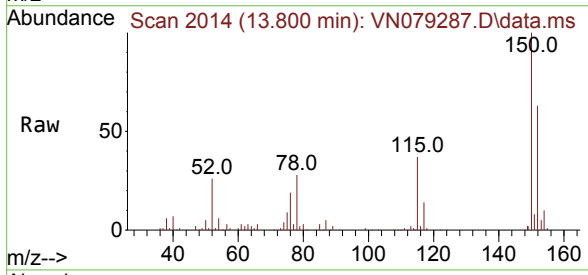
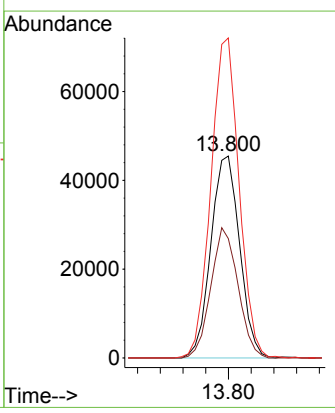
Instrument :
 MSVOA_N
 ClientSampleId :

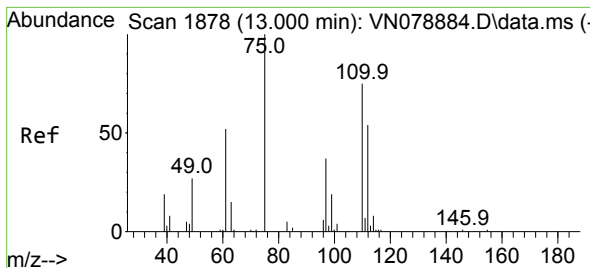
Tgt Ion:	173	Resp:	876
Ion Ratio	Lower	Upper	
173	100		
175	523.5	24.3	73.0#
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 2014
 Delta R.T. 0.006 min
 Lab File: VN079287.D
 Acq: 18 Sep 2023 15:17

Tgt Ion:	152	Resp:	79936
Ion Ratio	Lower	Upper	
152	100		
115	60.9	32.3	96.8
150	155.3	0.0	355.8





#76

1,2,3-Trichloropropane

Concen: 27.425 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN079287.D

Acq: 18 Sep 2023 15:17

Instrument :

MSVOA_N

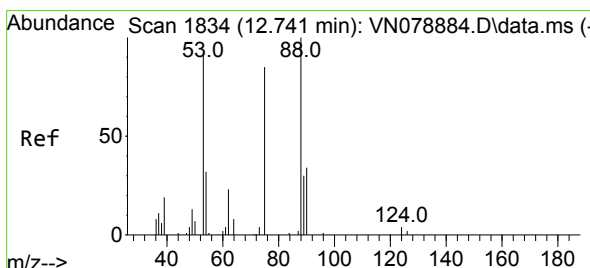
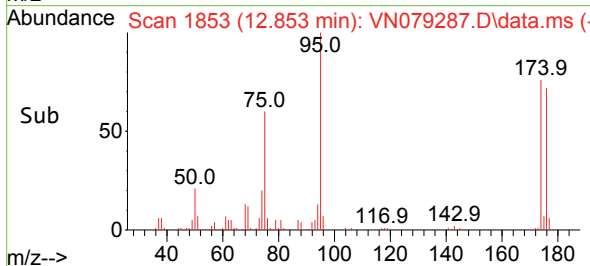
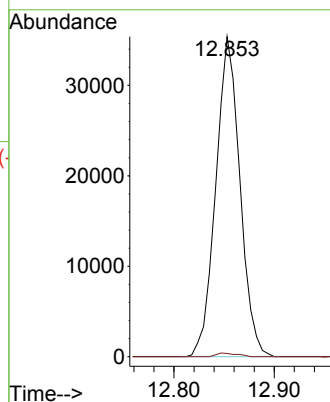
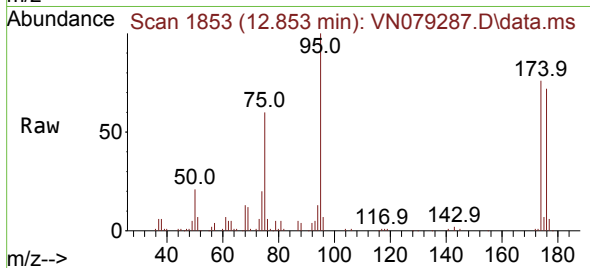
ClientSampleId :

Tgt Ion: 75 Resp: 59083

Ion Ratio Lower Upper

75 100

77 0.9 84.5 253.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 75.396 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN079287.D

Acq: 18 Sep 2023 15:17

Tgt Ion: 75 Resp: 59083

Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.2#

89 0.0 38.8 58.2#

