

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052323\
 Data File : VN077815.D
 Acq On : 23 May 2023 14:42
 Operator : JC\MD
 Sample : 02880-12RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT15811-20230519

Quant Time: May 24 02:54:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

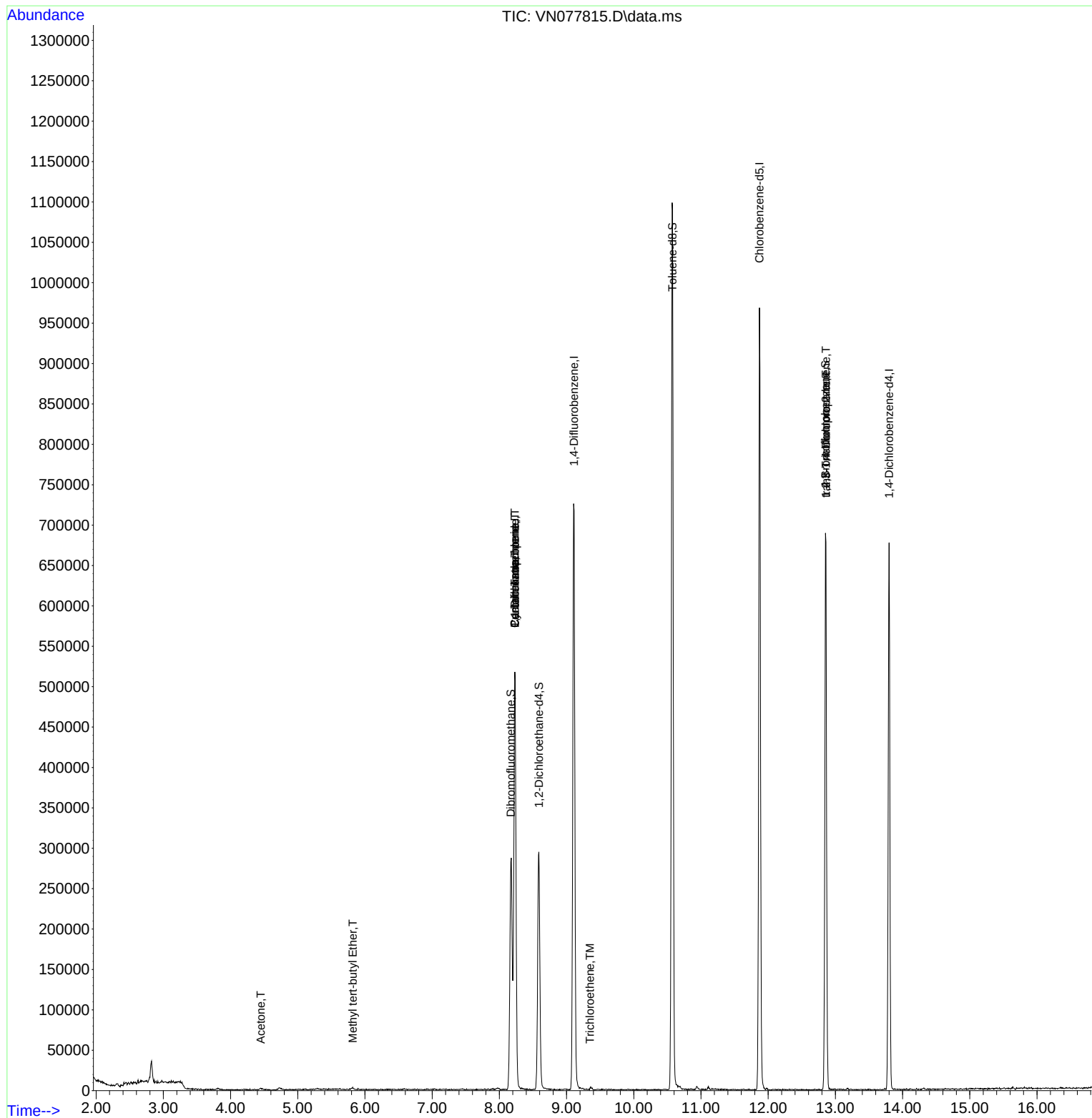
Internal Standards						
1) Pentafluorobenzene	8.230	168	372259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	665825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	573597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	182961	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	247519	44.438	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.880%
35) Dibromofluoromethane	8.171	113	213054	49.071	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.140%
50) Toluene-d8	10.577	98	814900	48.762	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.520%
62) 4-Bromofluorobenzene	12.853	95	252694	42.813	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.620%
Target Compounds						
					Qvalue	
3) Chloromethane	2.377	50	1216	Below Cal	#	42
13) Acrolein	4.195	56	135	Below Cal	#	1
16) Acetone	4.448	43	1802	1.028	ug/l #	80
19) Methyl tert-butyl Ether	5.818	73	2976	0.210	ug/l #	88
20) Methylene Chloride	5.277	84	961	Below Cal	#	70
31) Cyclohexane	8.230	56	8372	1.106	ug/l #	11
36) 1,1-Dichloropropene	8.230	75	32781	5.162	ug/l #	40
38) Carbon Tetrachloride	8.230	117	40613	6.333	ug/l #	14
44) Trichloroethene	9.347	130	1002	0.211	ug/l	100
76) 1,2,3-Trichloropropane	12.859	75	129185	28.194	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.859	75	129185	90.123	ug/l #	15

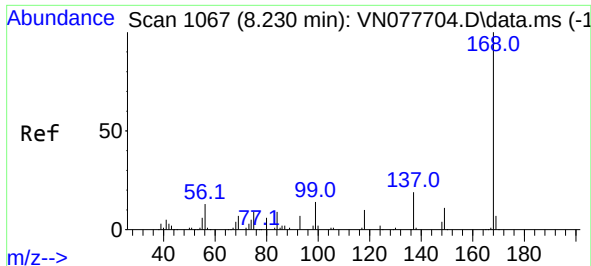
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : 02880-12RE
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
Response via : Initial Calibration

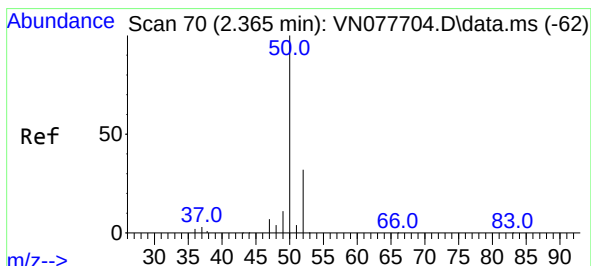
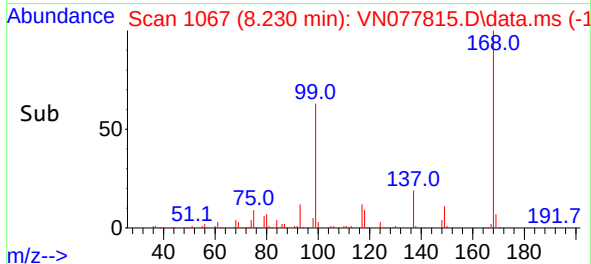
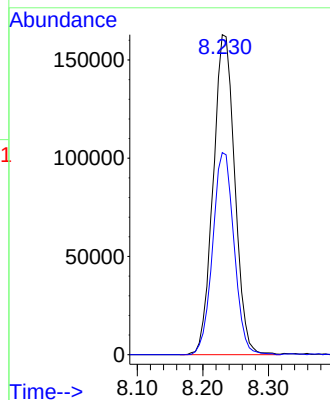
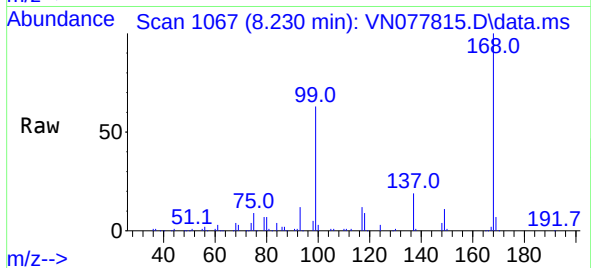




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077815.D
Acq: 23 May 2023 14:42

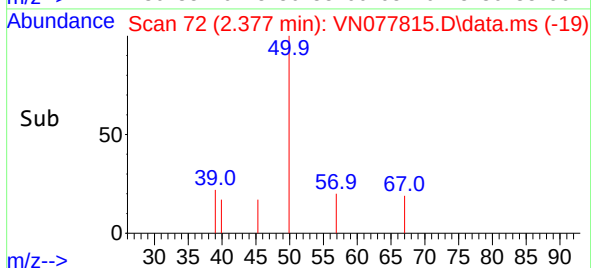
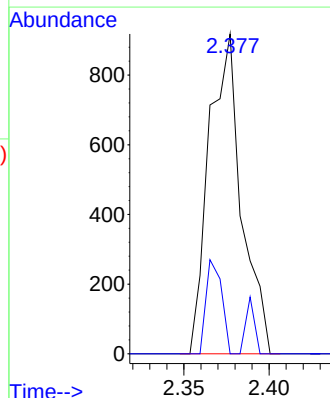
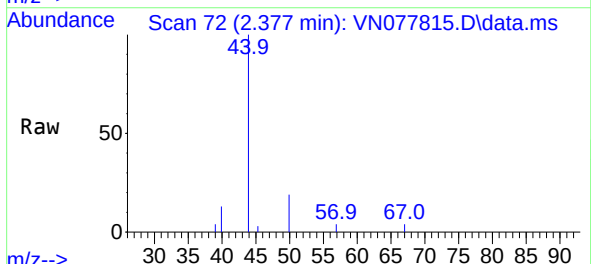
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519

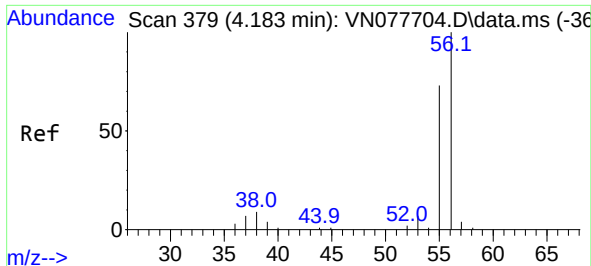
Tgt Ion:168 Resp: 372259
Ion Ratio Lower Upper
168 100
99 63.1 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.377 min Scan# 72
Delta R.T. 0.012 min
Lab File: VN077815.D
Acq: 23 May 2023 14:42

Tgt Ion: 50 Resp: 1216
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

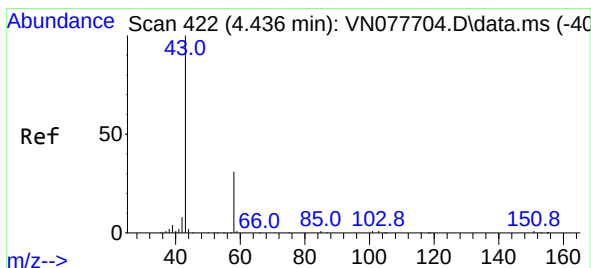
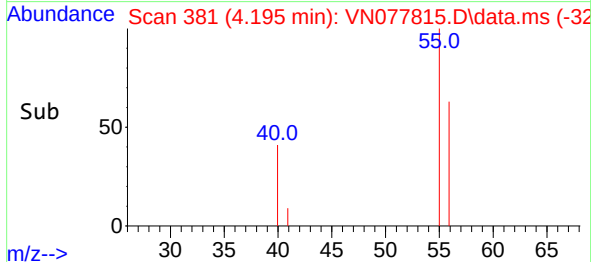
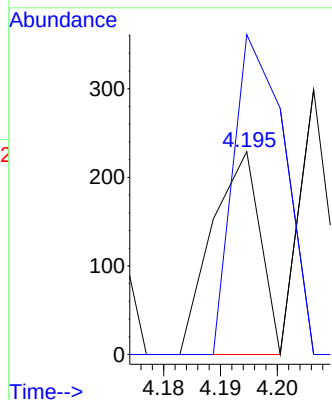
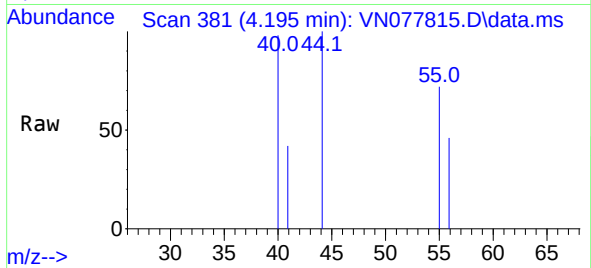




#13
Acrolein
Concen: Below Cal
RT: 4.195 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077815.D
Acq: 23 May 2023 14:42

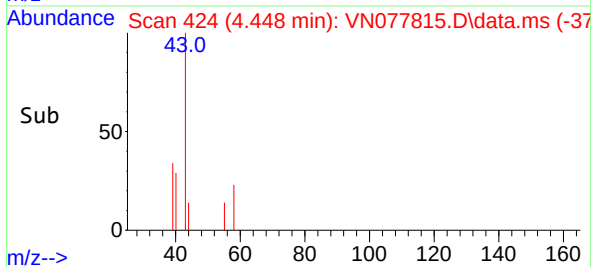
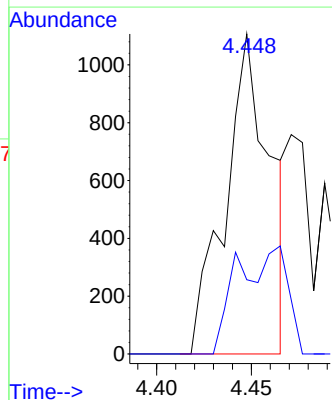
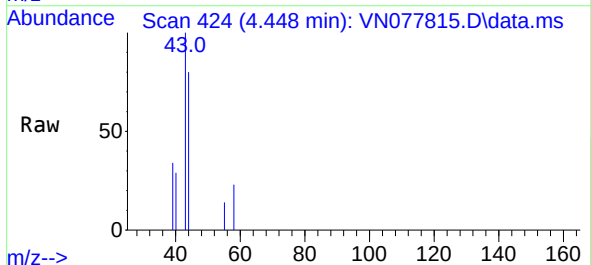
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519

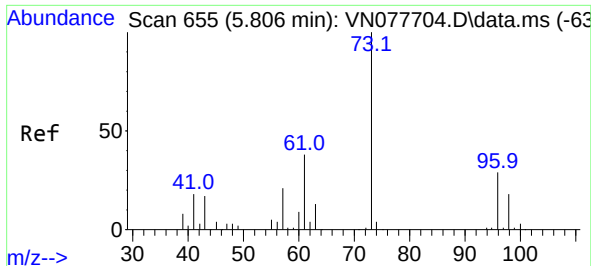
Tgt Ion: 56 Resp: 135
Ion Ratio Lower Upper
56 100
55 167.4 54.5 81.7#



#16
Acetone
Concen: 1.028 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN077815.D
Acq: 23 May 2023 14:42

Tgt Ion: 43 Resp: 1802
Ion Ratio Lower Upper
43 100
58 23.2 28.0 42.0#





#19

Methyl tert-butyl Ether

Concen: 0.210 ug/l

RT: 5.818 min Scan# 61

Delta R.T. 0.018 min

Lab File: VN077815.D

Acq: 23 May 2023 14:42

Instrument :

MSVOA_N

ClientSampleId :

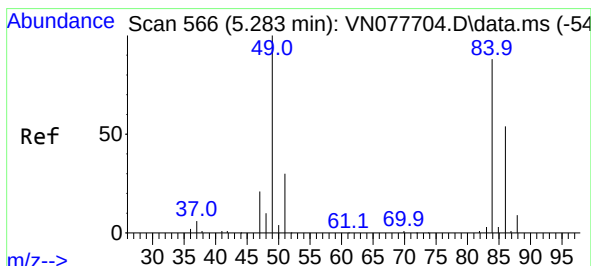
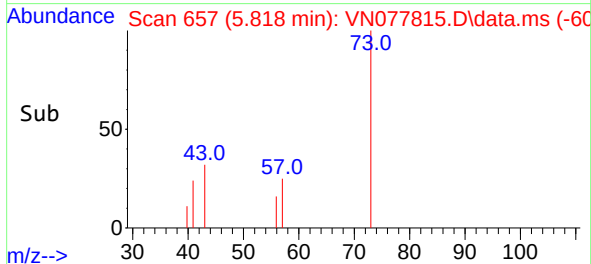
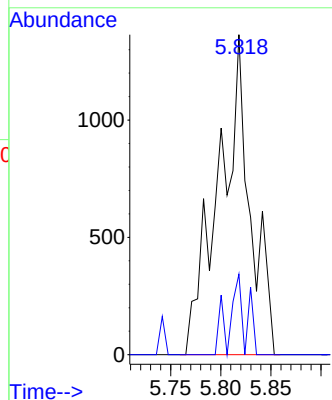
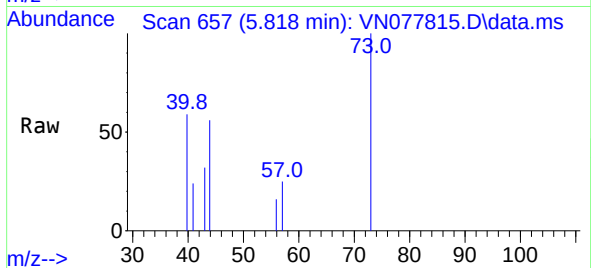
TT15811-20230519

Tgt Ion: 73 Resp: 2976

Ion Ratio Lower Upper

73 100

57 25.1 15.6 23.4#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.277 min Scan# 565

Delta R.T. -0.006 min

Lab File: VN077815.D

Acq: 23 May 2023 14:42

Tgt Ion: 84 Resp: 961

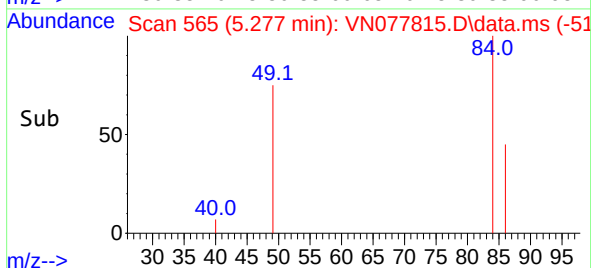
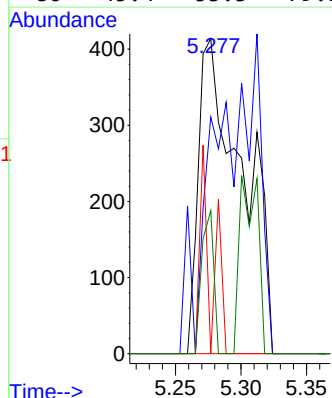
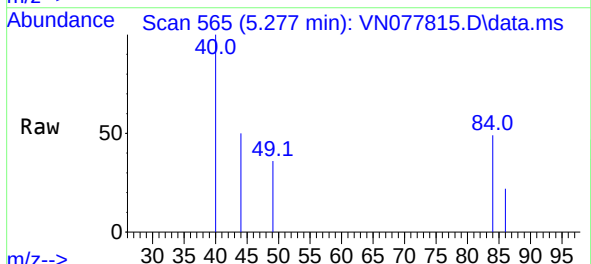
Ion Ratio Lower Upper

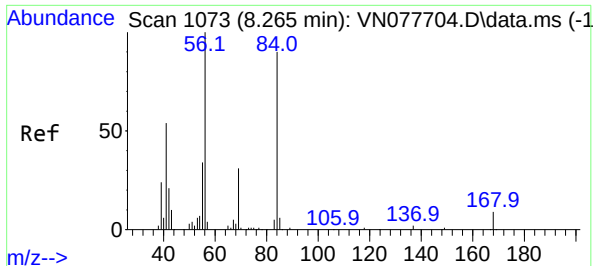
84 100

49 75.1 79.7 119.5#

51 0.0 25.2 37.8#

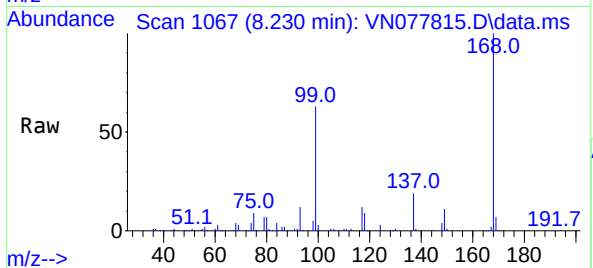
86 45.4 53.3 79.9#



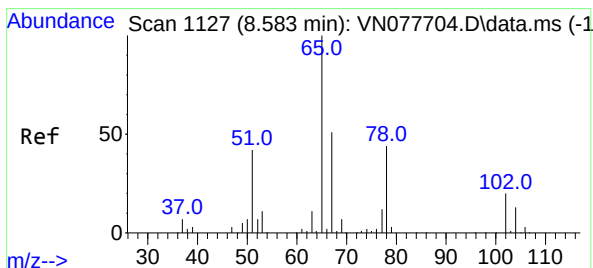
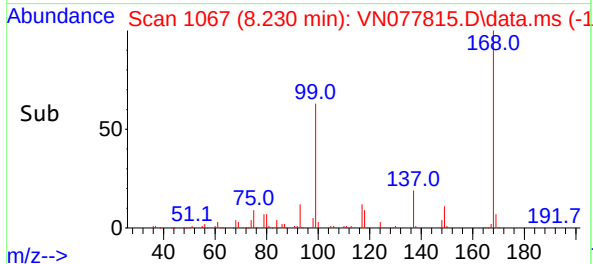
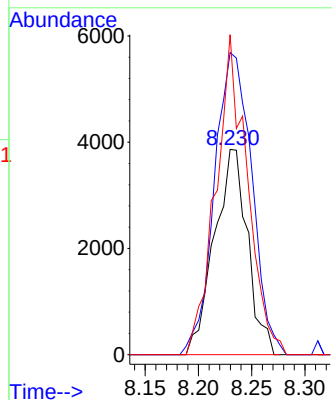


#31
Cyclohexane
Concen: 1.106 ug/l
RT: 8.230 min Scan# 1073
Delta R.T. -0.035 min
Lab File: VN077815.D
Acq: 23 May 2023 14:42

Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519

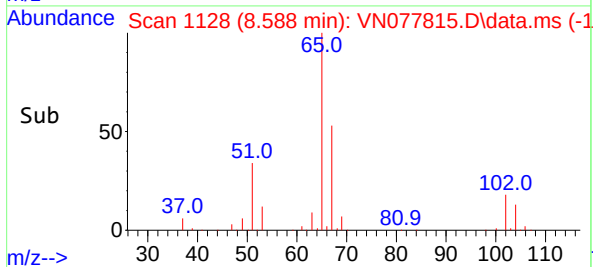
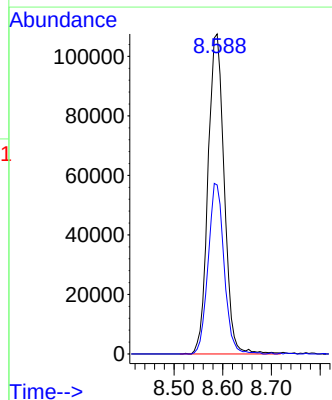
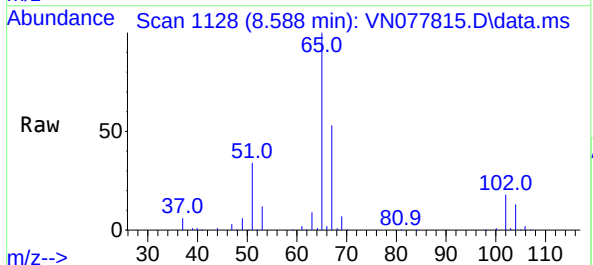


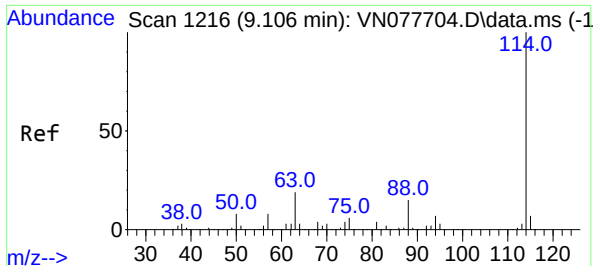
Tgt Ion: 56 Resp: 8372
Ion Ratio Lower Upper
56 100
69 147.2 26.8 40.2#
84 155.9 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 44.438 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077815.D
Acq: 23 May 2023 14:42

Tgt Ion: 65 Resp: 247519
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077815.D

Acq: 23 May 2023 14:42

Instrument :

MSVOA_N

ClientSampleId :

TT15811-20230519

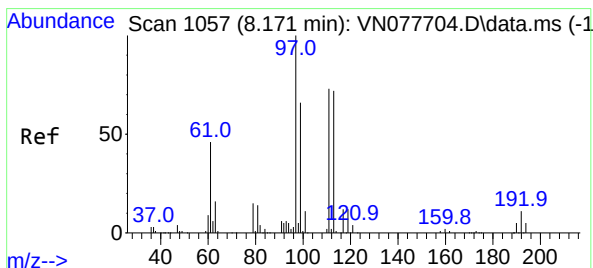
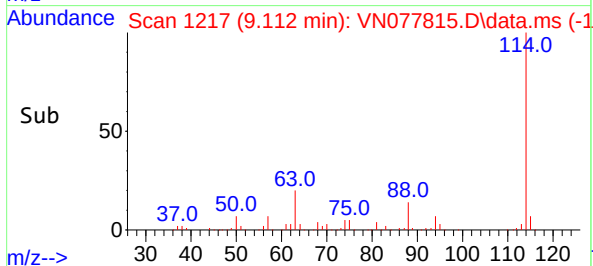
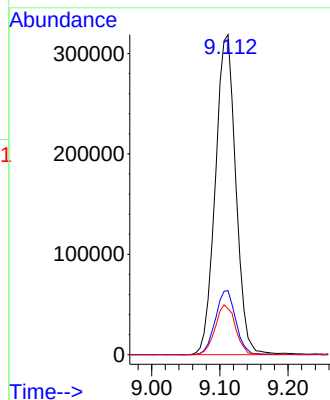
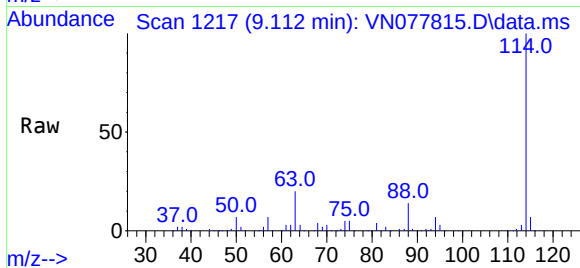
Tgt Ion:114 Resp: 665825

Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.4

88 14.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.071 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077815.D

Acq: 23 May 2023 14:42

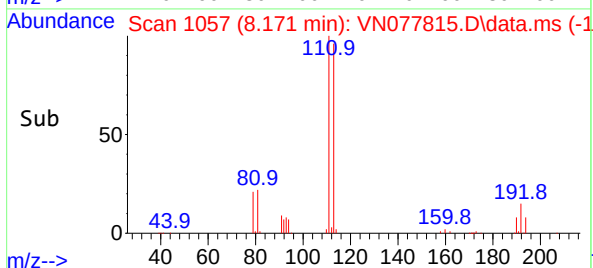
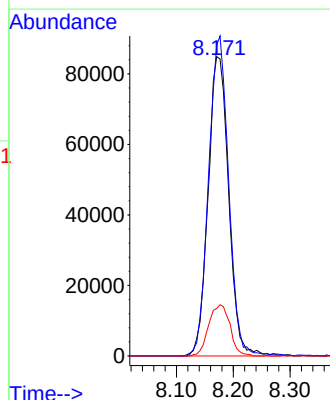
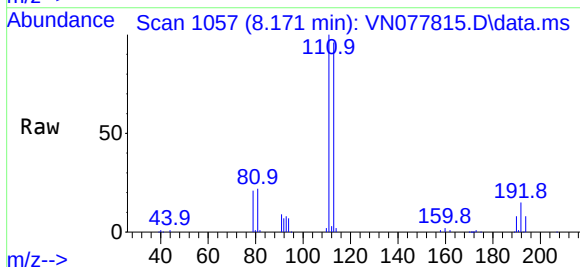
Tgt Ion:113 Resp: 213054

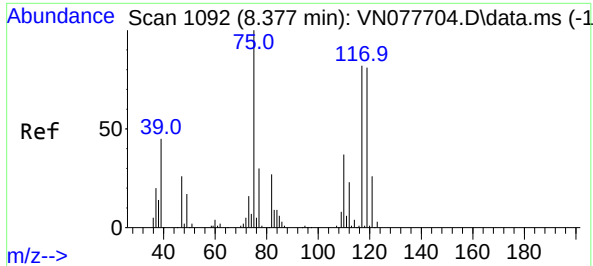
Ion Ratio Lower Upper

113 100

111 104.3 82.6 123.8

192 17.7 12.7 19.1

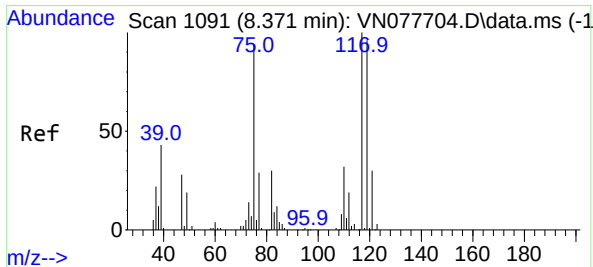
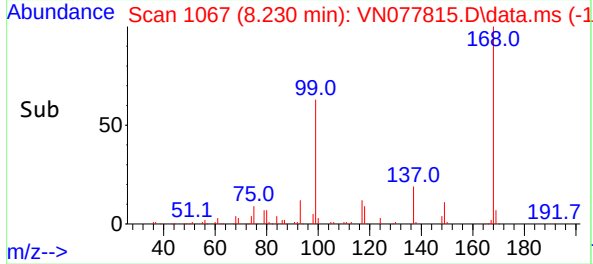
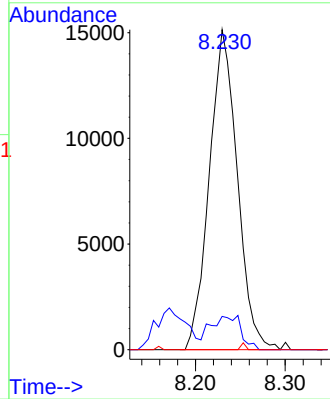
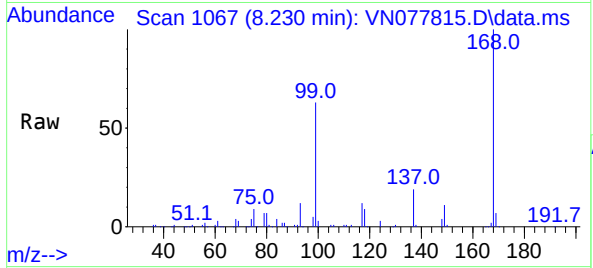




#36
 1,1-Dichloropropene
 Concen: 5.162 ug/l
 RT: 8.230 min Scan# 1067
 Delta R.T. -0.147 min
 Lab File: VN077815.D
 Acq: 23 May 2023 14:42

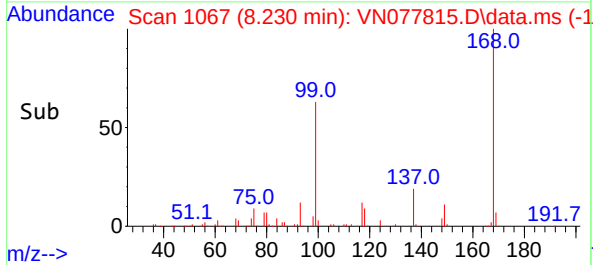
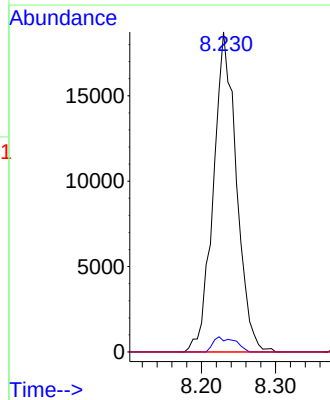
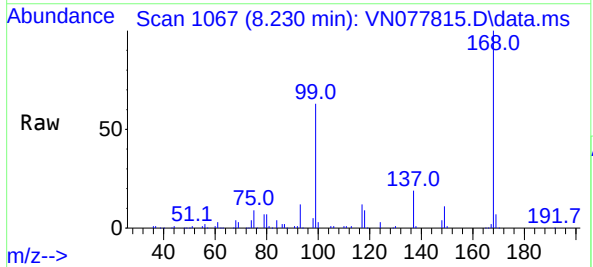
Instrument :
 MSVOA_N
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 TT15811-20230519

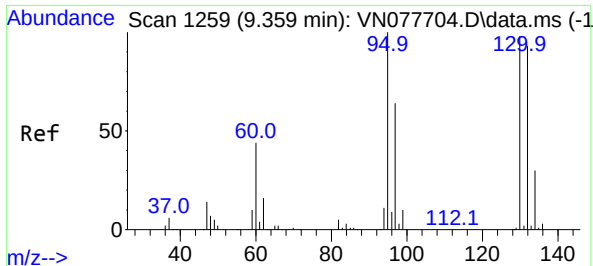
Tgt Ion:	75	Resp:	32781
Ion	Ratio	Lower	Upper
75	100		
110	0.0	19.1	57.3#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.333 ug/l
 RT: 8.230 min Scan# 1067
 Delta R.T. -0.141 min
 Lab File: VN077815.D
 Acq: 23 May 2023 14:42

Tgt Ion:	117	Resp:	40613
Ion	Ratio	Lower	Upper
117	100		
119	3.4	77.3	115.9#
121	0.0	23.3	34.9#

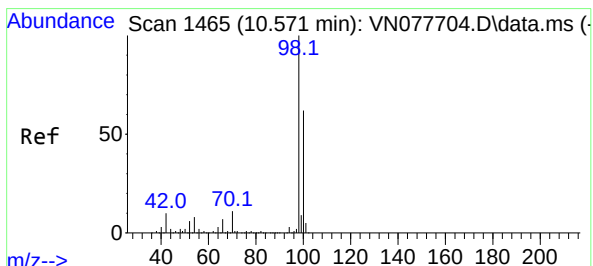
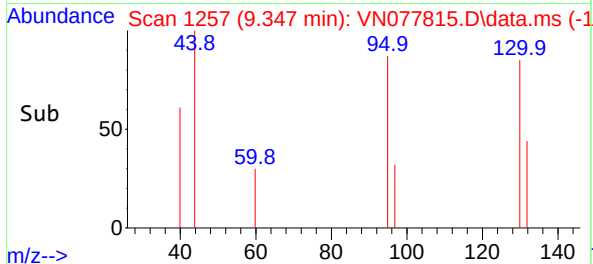
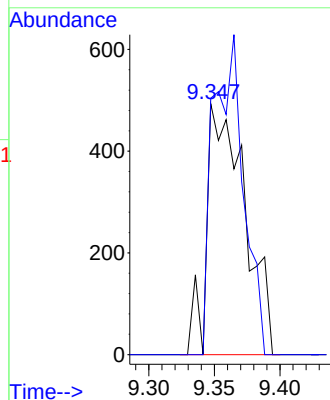
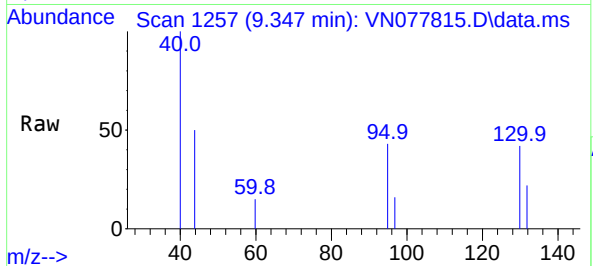




#44
Trichloroethene
Concen: 0.211 ug/l
RT: 9.347 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN077815.D
Acq: 23 May 2023 14:42

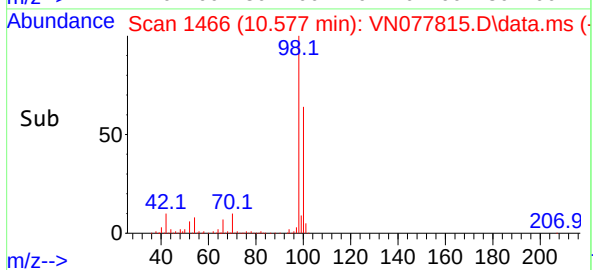
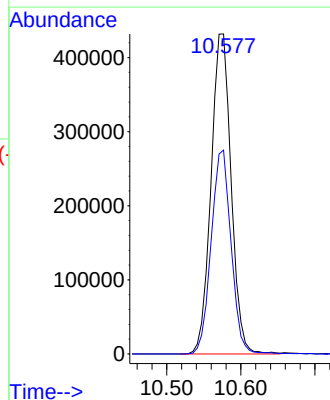
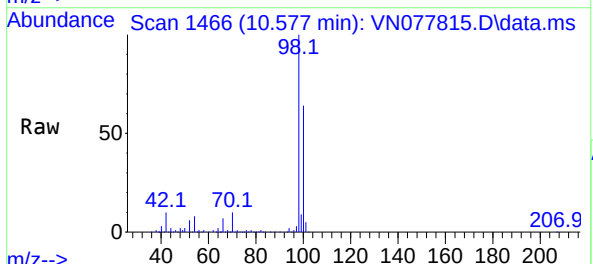
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519

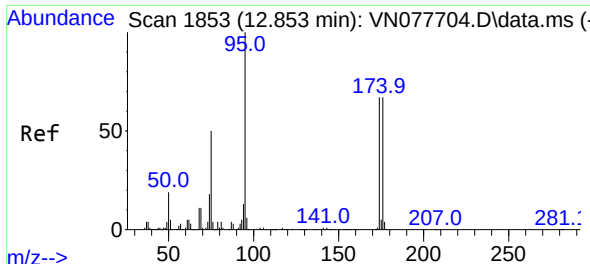
Tgt Ion:130 Resp: 1002
Ion Ratio Lower Upper
130 100
95 102.2 0.0 204.6



#50
Toluene-d8
Concen: 48.762 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN077815.D
Acq: 23 May 2023 14:42

Tgt Ion: 98 Resp: 814900
Ion Ratio Lower Upper
98 100
100 63.0 52.0 78.0

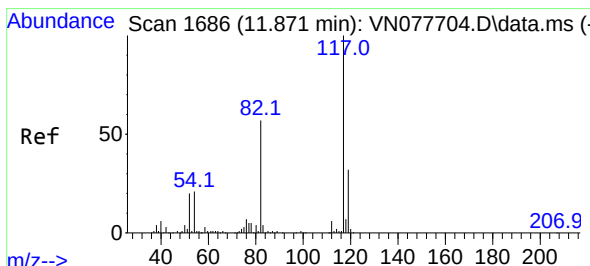
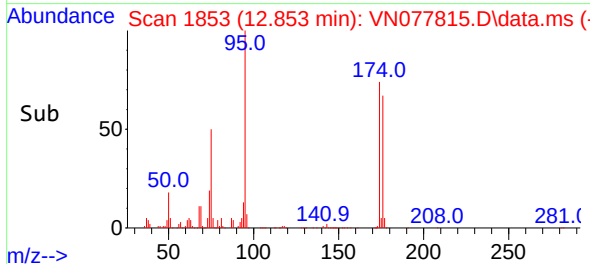
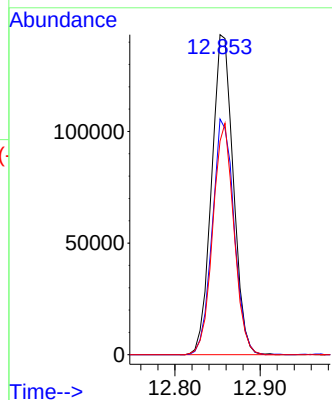
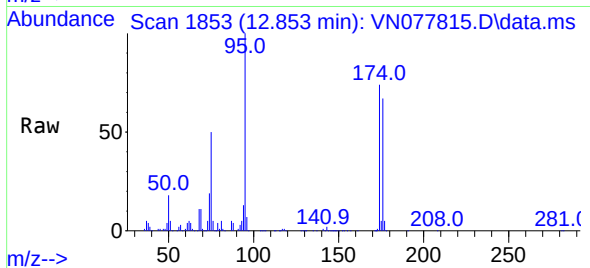




#62
4-Bromofluorobenzene
Concen: 42.813 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077815.D
Acq: 23 May 2023 14:42

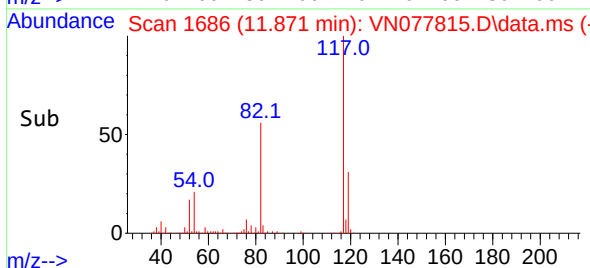
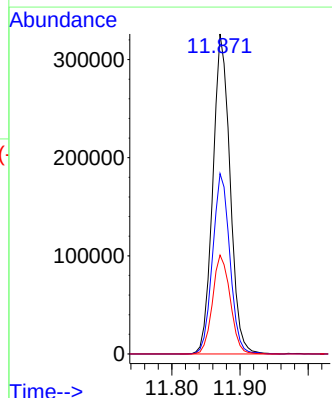
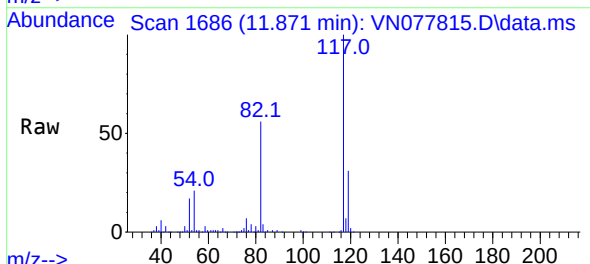
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519

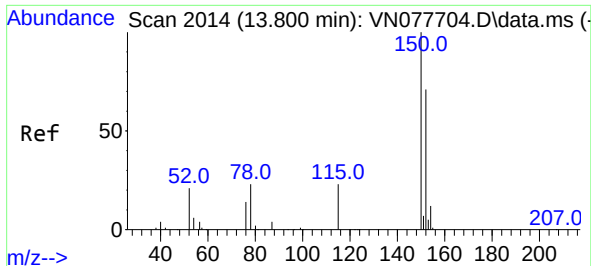
Tgt Ion:	95	Resp:	252694
Ion	Ratio	Lower	Upper
95	100		
174	74.3	0.0	143.8
176	70.4	0.0	135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077815.D
Acq: 23 May 2023 14:42

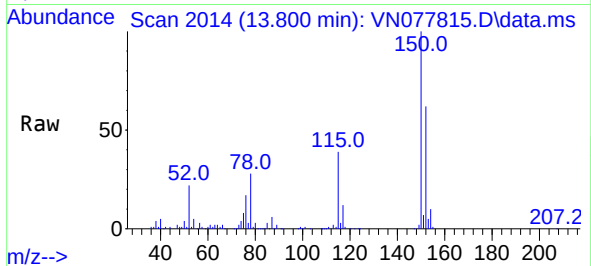
Tgt Ion:	117	Resp:	573597
Ion	Ratio	Lower	Upper
117	100		
82	56.4	44.0	66.0
119	30.9	25.6	38.4



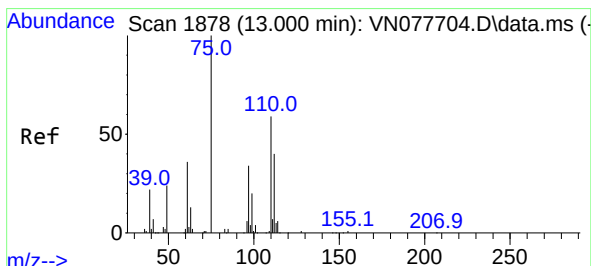
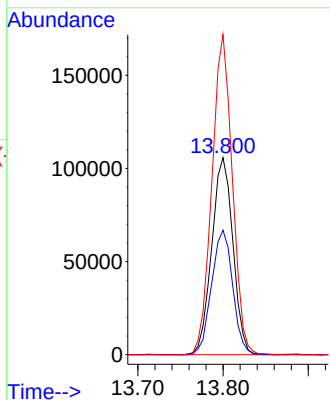
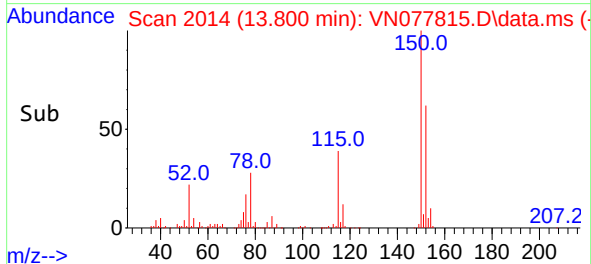


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN077815.D
Acq: 23 May 2023 14:42

Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519

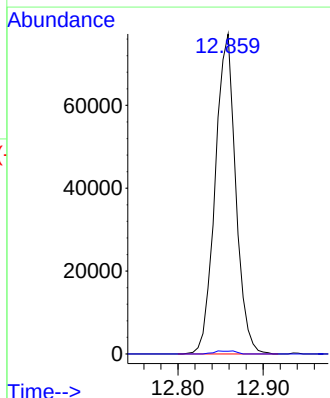
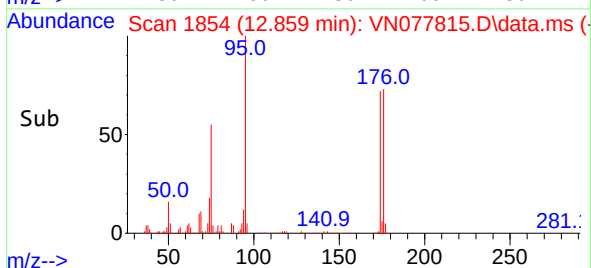
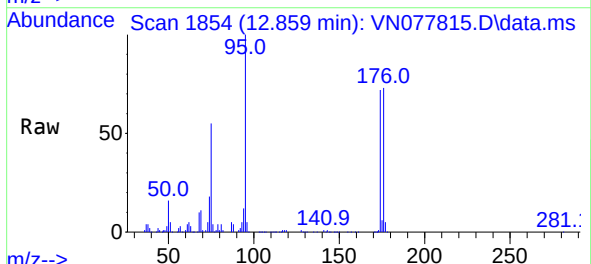


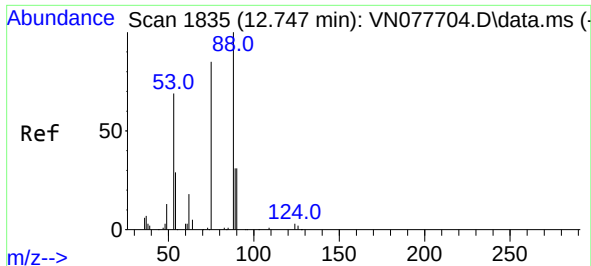
Tgt Ion:152 Resp: 182961
Ion Ratio Lower Upper
152 100
115 62.8 32.3 96.8
150 156.5 0.0 355.8



#76
1,2,3-Trichloropropane
Concen: 28.194 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. -0.141 min
Lab File: VN077815.D
Acq: 23 May 2023 14:42

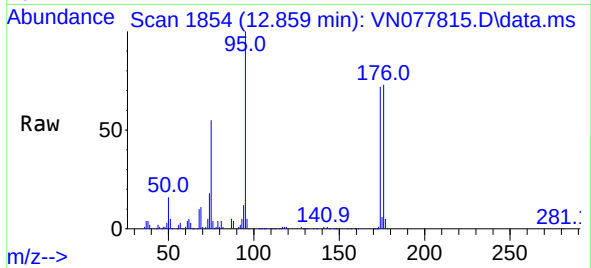
Tgt Ion: 75 Resp: 129185
Ion Ratio Lower Upper
75 100
77 1.0 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.123 ug/l
 RT: 12.859 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN077815.D
 Acq: 23 May 2023 14:42

Instrument :
 MSVOA_N
 ClientSampleId :
 TT15811-20230519



Tgt Ion: 75 Resp: 129185
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.0 38.8 58.2#

