

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092123\
 Data File : VN079316.D
 Acq On : 21 Sep 2023 10:52
 Operator : JC\MD
 Sample : VN0921WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 22 02:26:54 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

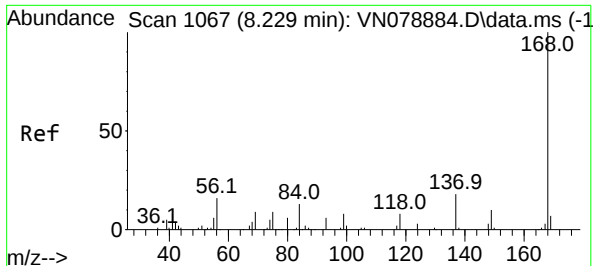
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	156742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	293114	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	256862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	70541	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	131058	61.941	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	123.880%
35) Dibromofluoromethane	8.171	113	102095	52.363	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.720%
50) Toluene-d8	10.571	98	335472	46.859	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.720%
62) 4-Bromofluorobenzene	12.853	95	99680	43.650	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.300%

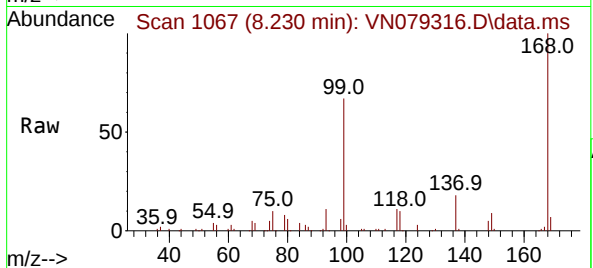
Target Compounds					Qvalue	
6) Chloroethane	3.124	64	148	Below Cal	#	43
31) Cyclohexane	8.218	56	4559	1.476	ug/l #	62
36) 1,1-Dichloropropene	8.230	75	15508	5.160	ug/l #	47
38) Carbon Tetrachloride	8.224	117	18724	6.021	ug/l #	16
51) 4-Methyl-2-Pentanone	10.565	43	1482	0.522	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.171	63	316	Below Cal	#	42
71) Bromoform	12.847	173	766	0.476	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	56049	29.481	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	56049	81.050	ug/l #	15

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

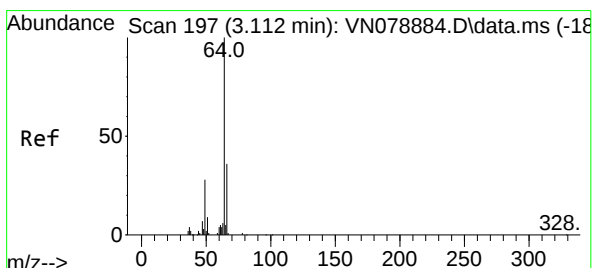
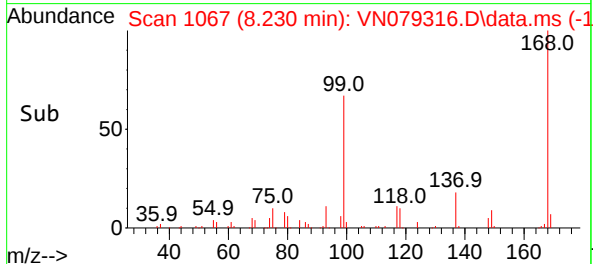
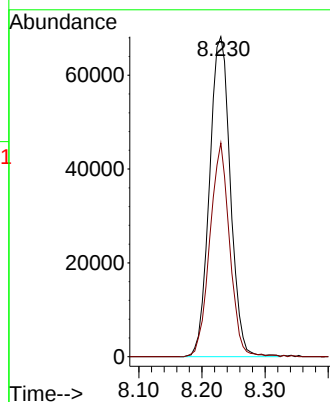


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079316.D
Acq: 21 Sep 2023 10:52

Instrument :
MSVOA_N
ClientSampleId :

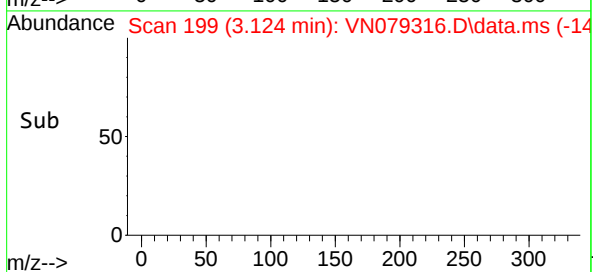
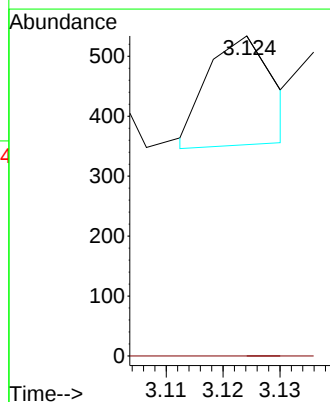
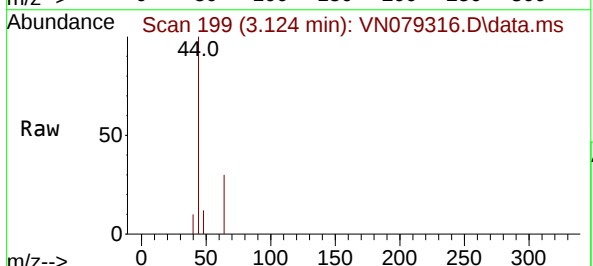


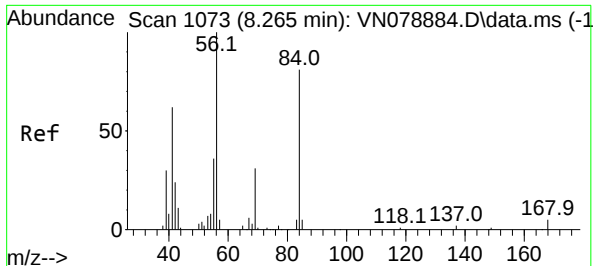
Tgt Ion:168 Resp: 156742
Ion Ratio Lower Upper
168 100
99 66.8 53.0 79.6



#6
Chloroethane
Concen: Below Cal
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN079316.D
Acq: 21 Sep 2023 10:52

Tgt Ion: 64 Resp: 148
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#





#31

Cyclohexane

Concen: 1.476 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.047 min

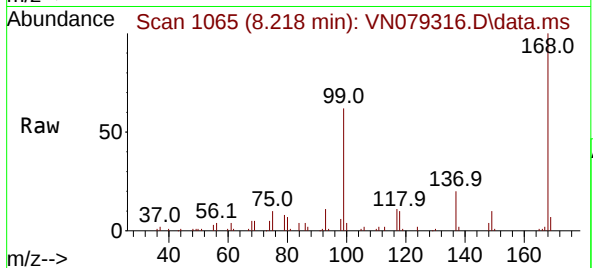
Lab File: VN079316.D

Acq: 21 Sep 2023 10:52

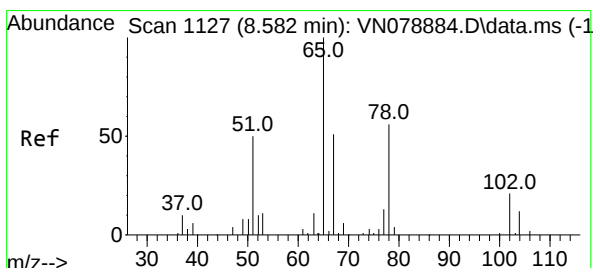
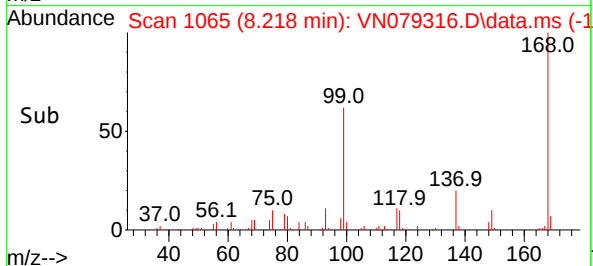
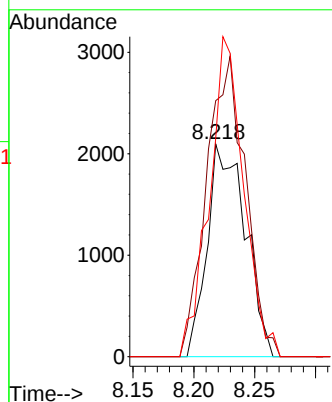
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 56	Resp: 4559
Ion Ratio	Lower Upper
56	100
69	120.4 26.8 40.2#
84	102.7 81.8 122.6



#33

1,2-Dichloroethane-d4

Concen: 61.941 ug/l

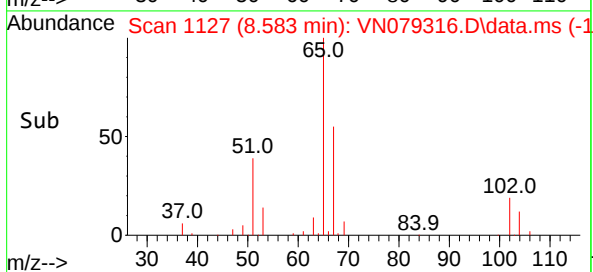
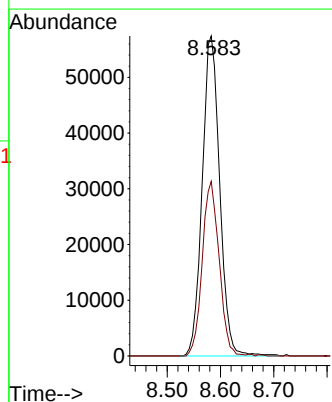
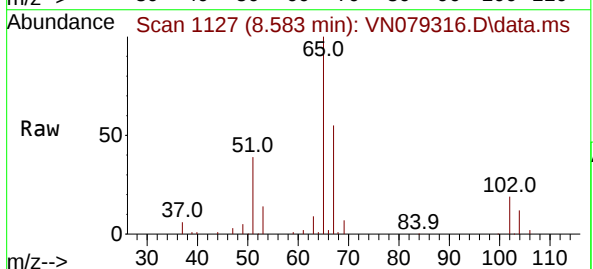
RT: 8.583 min Scan# 1127

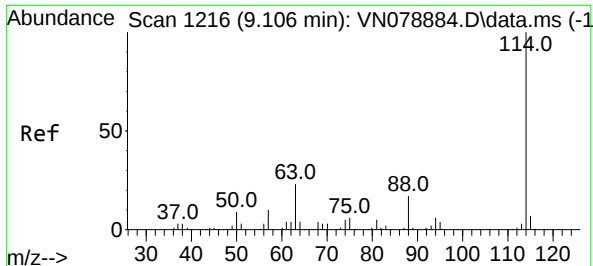
Delta R.T. -0.000 min

Lab File: VN079316.D

Acq: 21 Sep 2023 10:52

Tgt Ion: 65	Resp: 131058
Ion Ratio	Lower Upper
65	100
67	52.7 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN079316.D

Acq: 21 Sep 2023 10:52

Instrument :

MSVOA_N

ClientSampleId :

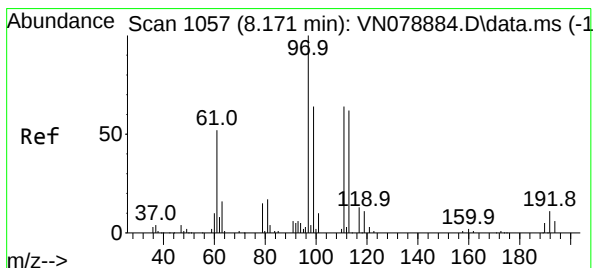
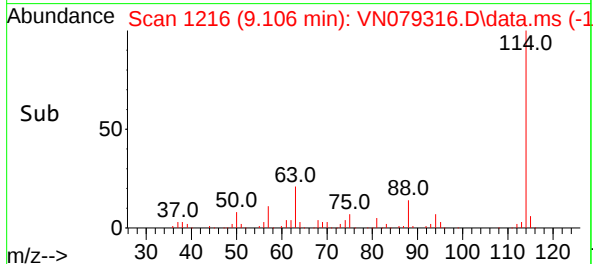
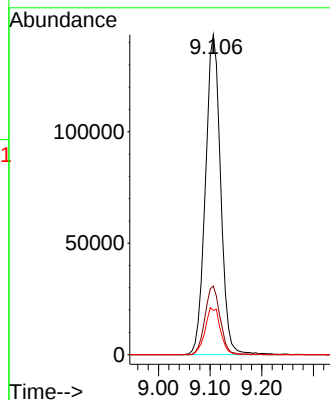
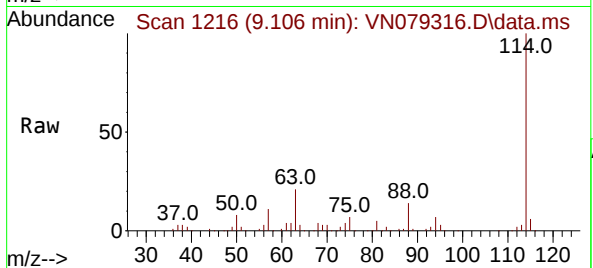
Tgt Ion:114 Resp: 293114

Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.4

88 13.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.363 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079316.D

Acq: 21 Sep 2023 10:52

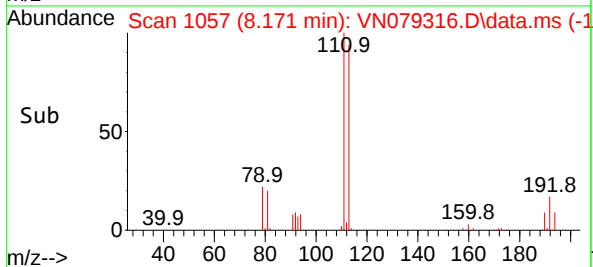
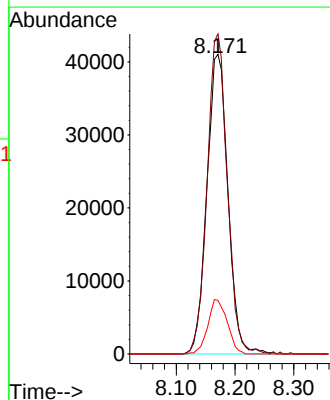
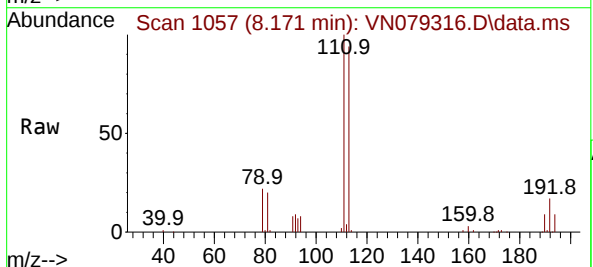
Tgt Ion:113 Resp: 102095

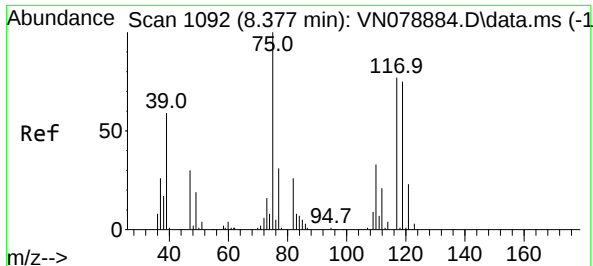
Ion Ratio Lower Upper

113 100

111 102.4 82.6 123.8

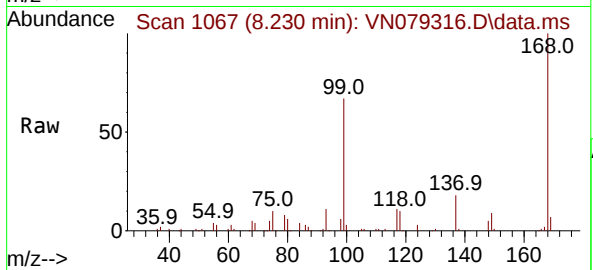
192 16.8 12.7 19.1



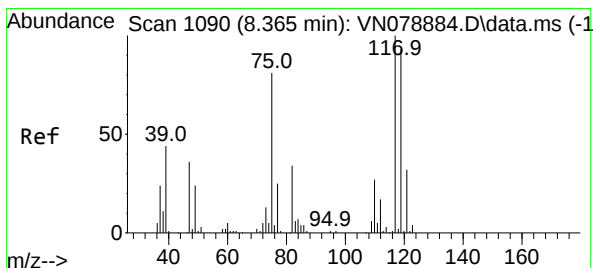
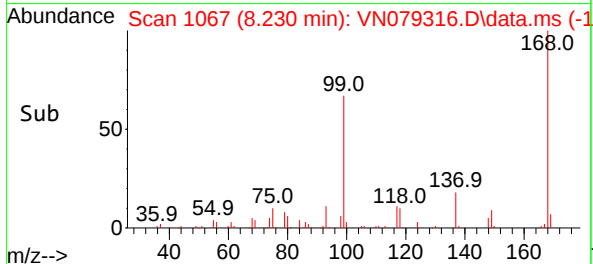
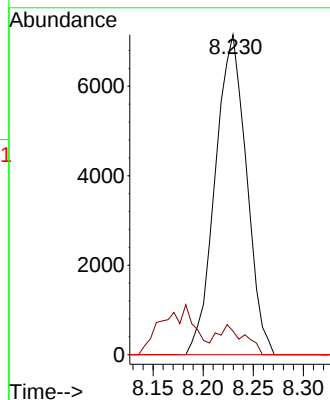


#36
1,1-Dichloropropene
Concen: 5.160 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN079316.D
Acq: 21 Sep 2023 10:52

Instrument :
MSVOA_N
ClientSampleId :

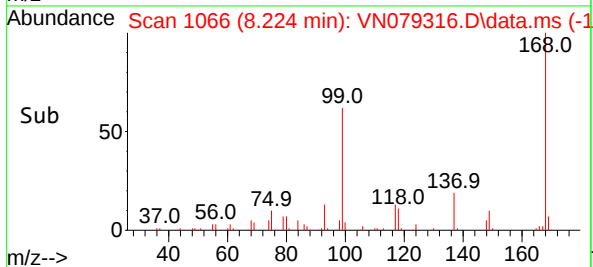
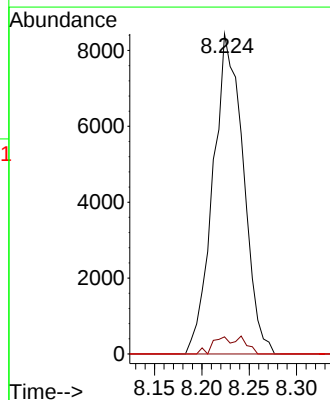
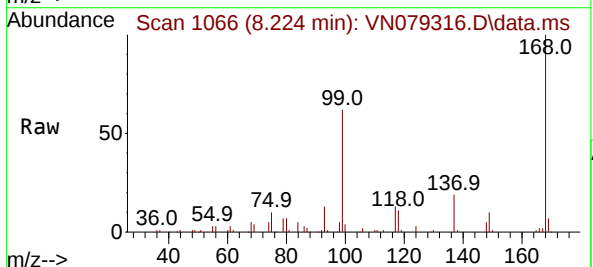


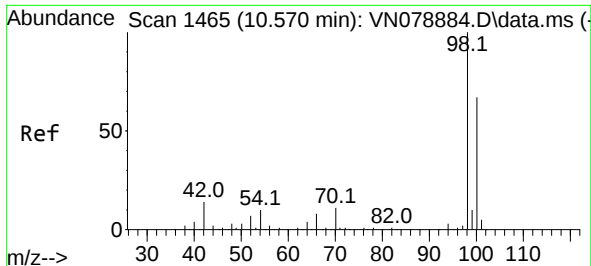
Tgt Ion: 75 Resp: 15508
Ion Ratio Lower Upper
75 100
110 8.0 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.021 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN079316.D
Acq: 21 Sep 2023 10:52

Tgt Ion: 117 Resp: 18724
Ion Ratio Lower Upper
117 100
119 5.4 77.3 115.9#
121 0.0 23.3 34.9#

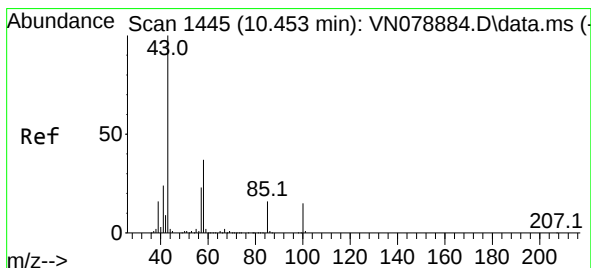
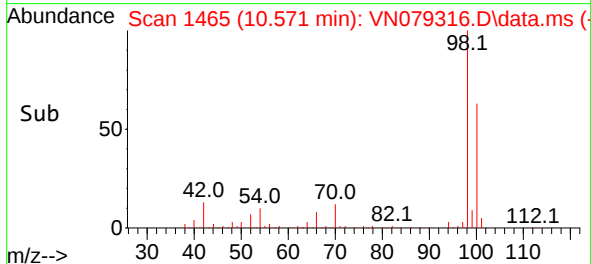
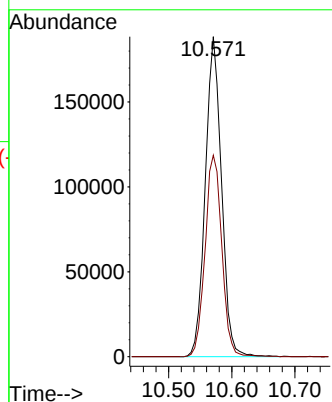
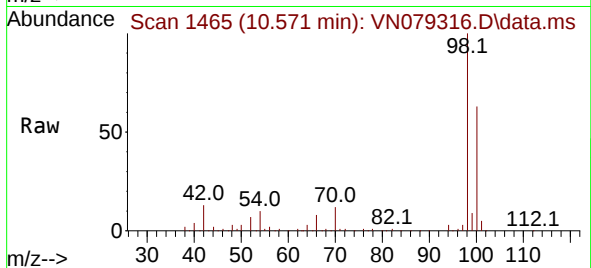




#50
Toluene-d8
Concen: 46.859 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079316.D
Acq: 21 Sep 2023 10:52

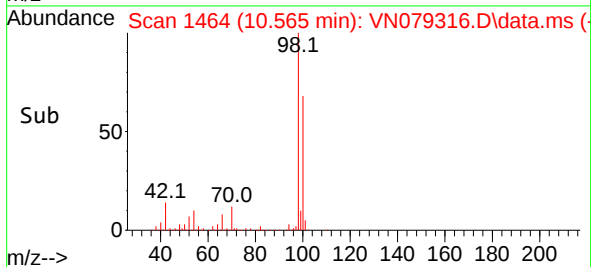
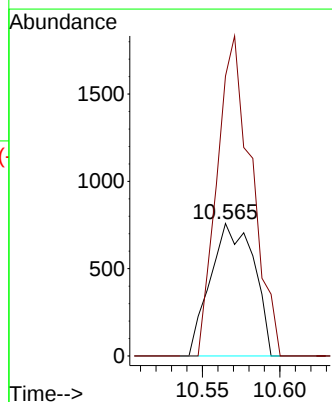
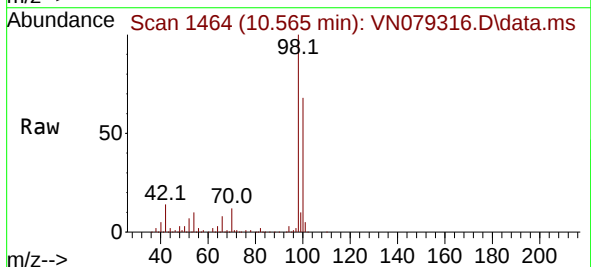
Instrument :
MSVOA_N
ClientSampleId :

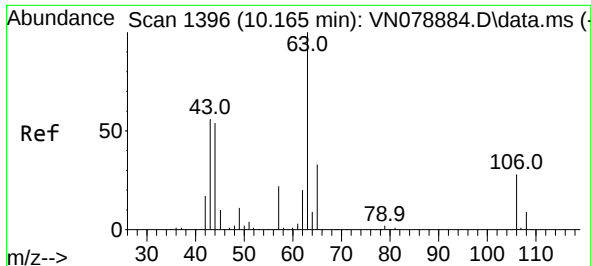
Tgt Ion: 98 Resp: 335472
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.522 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.112 min
Lab File: VN079316.D
Acq: 21 Sep 2023 10:52

Tgt Ion: 43 Resp: 1482
Ion Ratio Lower Upper
43 100
58 190.9 36.6 54.8#

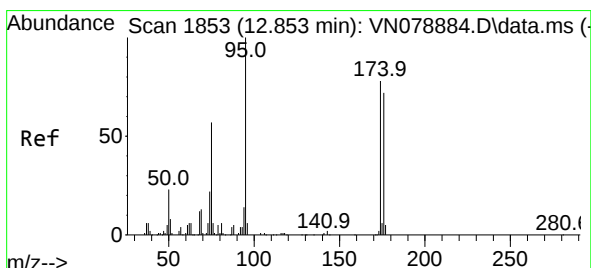
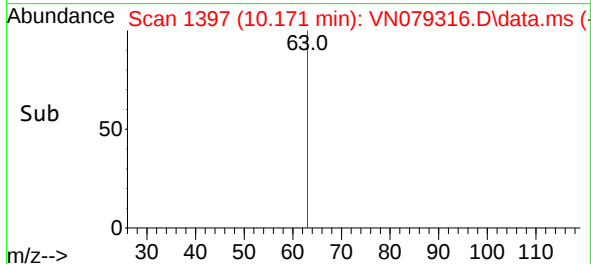
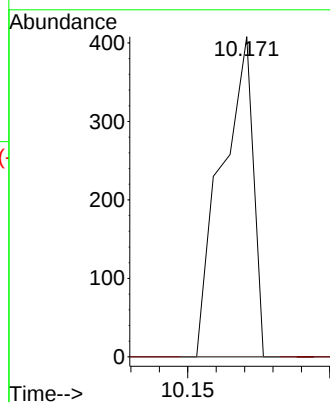
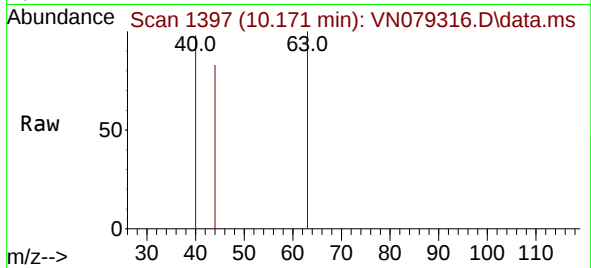




#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 10.171 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VN079316.D
Acq: 21 Sep 2023 10:52

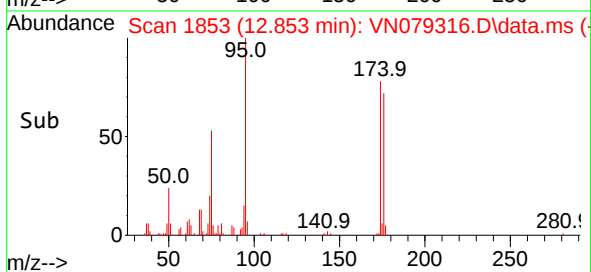
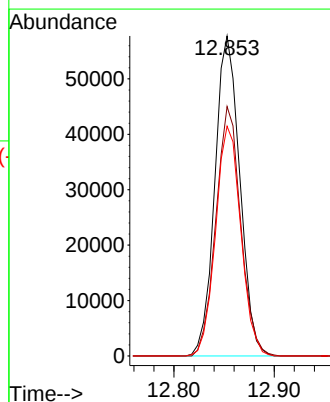
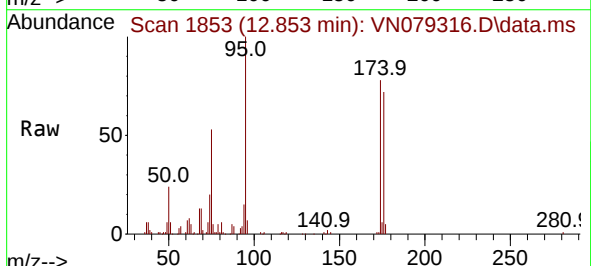
Instrument :
MSVOA_N
ClientSampleId :

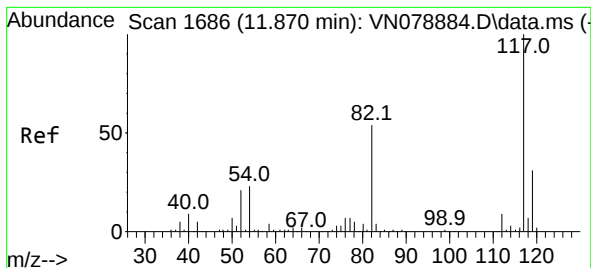
Tgt Ion: 63 Resp: 316
Ion Ratio Lower Upper
63 100
106 0.0 26.2 39.4#



#62
4-Bromofluorobenzene
Concen: 43.650 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079316.D
Acq: 21 Sep 2023 10:52

Tgt Ion: 95 Resp: 99680
Ion Ratio Lower Upper
95 100
174 77.7 0.0 143.8
176 72.6 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079316.D

Acq: 21 Sep 2023 10:52

Instrument :

MSVOA_N

ClientSampleId :

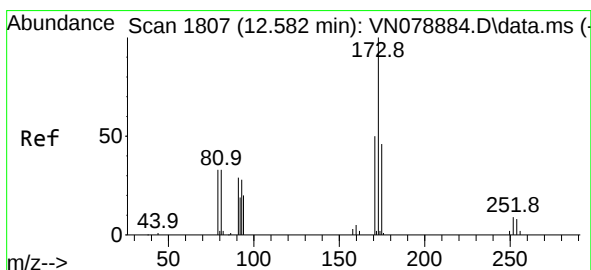
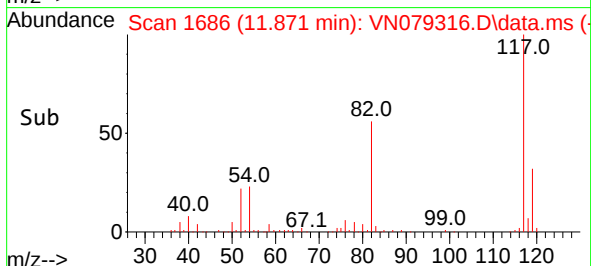
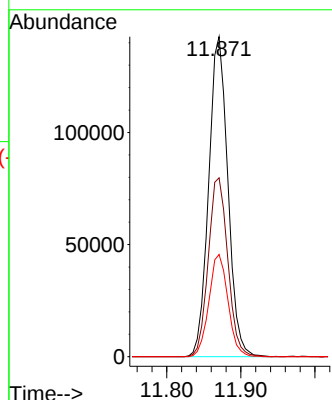
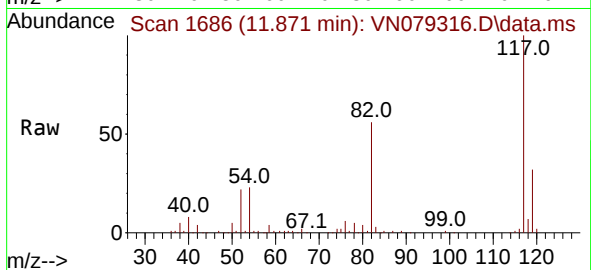
Tgt Ion:117 Resp: 256862

Ion Ratio Lower Upper

117 100

82 55.9 44.0 66.0

119 31.9 25.6 38.4



#71

Bromoform

Concen: 0.476 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.265 min

Lab File: VN079316.D

Acq: 21 Sep 2023 10:52

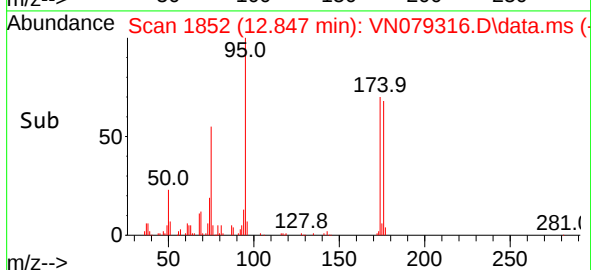
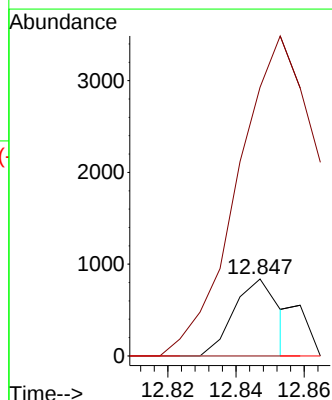
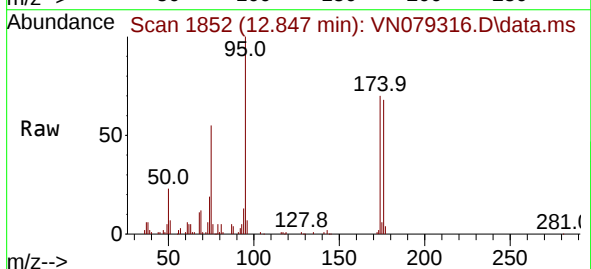
Tgt Ion:173 Resp: 766

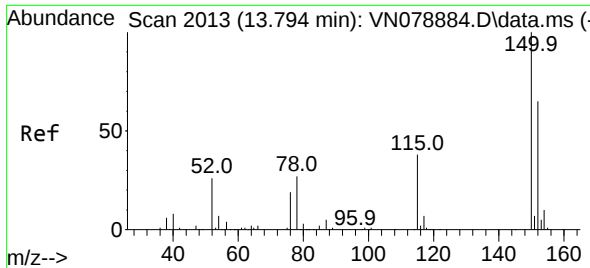
Ion Ratio Lower Upper

173 100

175 601.8 24.3 73.0#

254 0.0 0.0 0.0

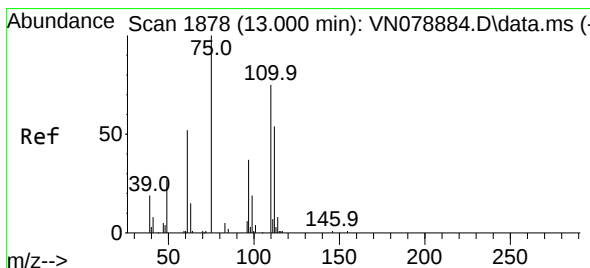
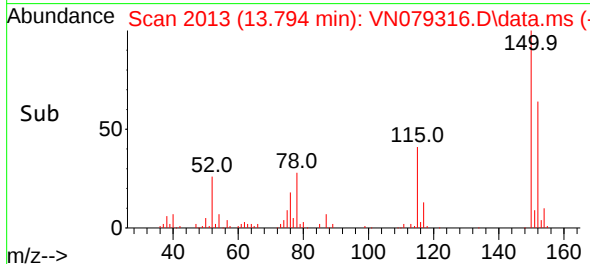
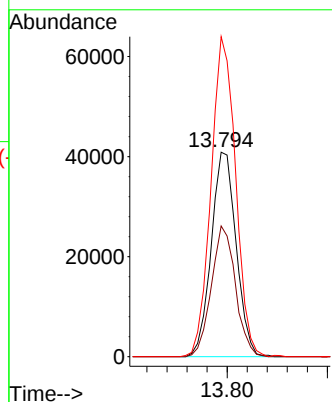
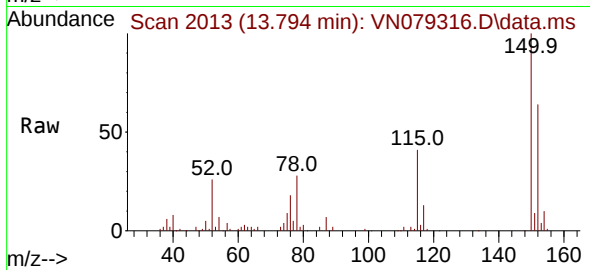




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079316.D
 Acq: 21 Sep 2023 10:52

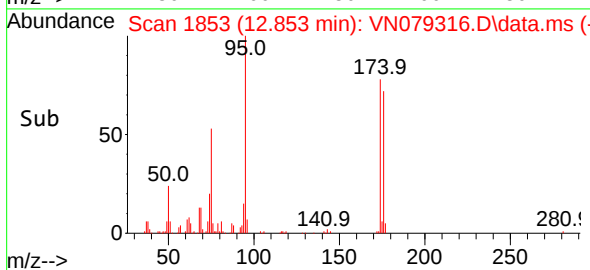
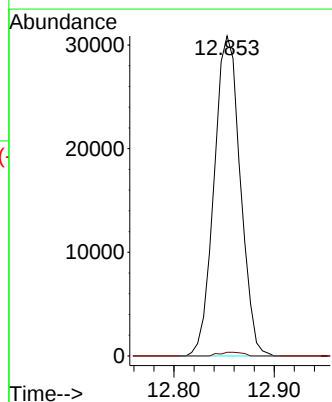
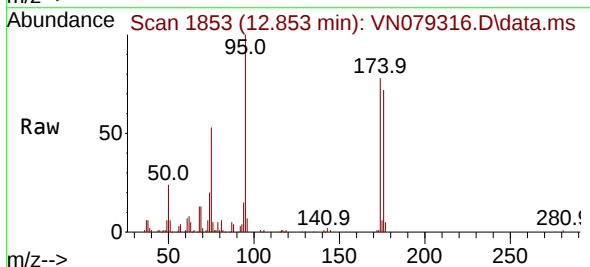
Instrument :
 MSVOA_N
 ClientSampleId :

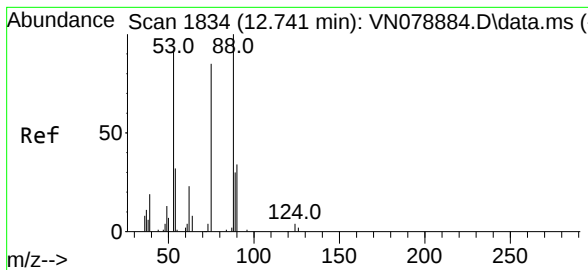
Tgt Ion:152 Resp: 70541
 Ion Ratio Lower Upper
 152 100
 115 61.7 32.3 96.8
 150 154.4 0.0 355.8



#76
 1,2,3-Trichloropropane
 Concen: 29.481 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.147 min
 Lab File: VN079316.D
 Acq: 21 Sep 2023 10:52

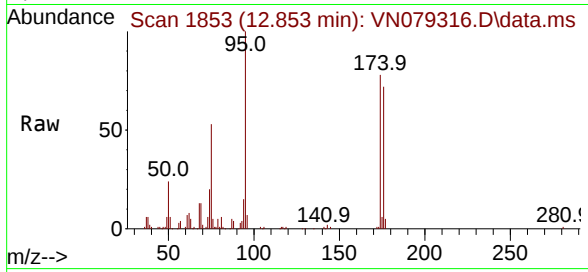
Tgt Ion: 75 Resp: 56049
 Ion Ratio Lower Upper
 75 100
 77 1.0 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.050 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN079316.D
 Acq: 21 Sep 2023 10:52

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 56049
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.0 38.8 58.2#

