

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122123\
 Data File : VN080584.D
 Acq On : 21 Dec 2023 19:24
 Operator : JC\MD
 Sample : 05975-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 22 04:06:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	350539	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	514452	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	561737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	244207	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	196454	43.879	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.760%
35) Dibromofluoromethane	8.165	113	224721	68.894	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	137.780%#
50) Toluene-d8	10.571	98	630936	51.865	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.740%
62) 4-Bromofluorobenzene	12.853	95	237507	51.416	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.840%

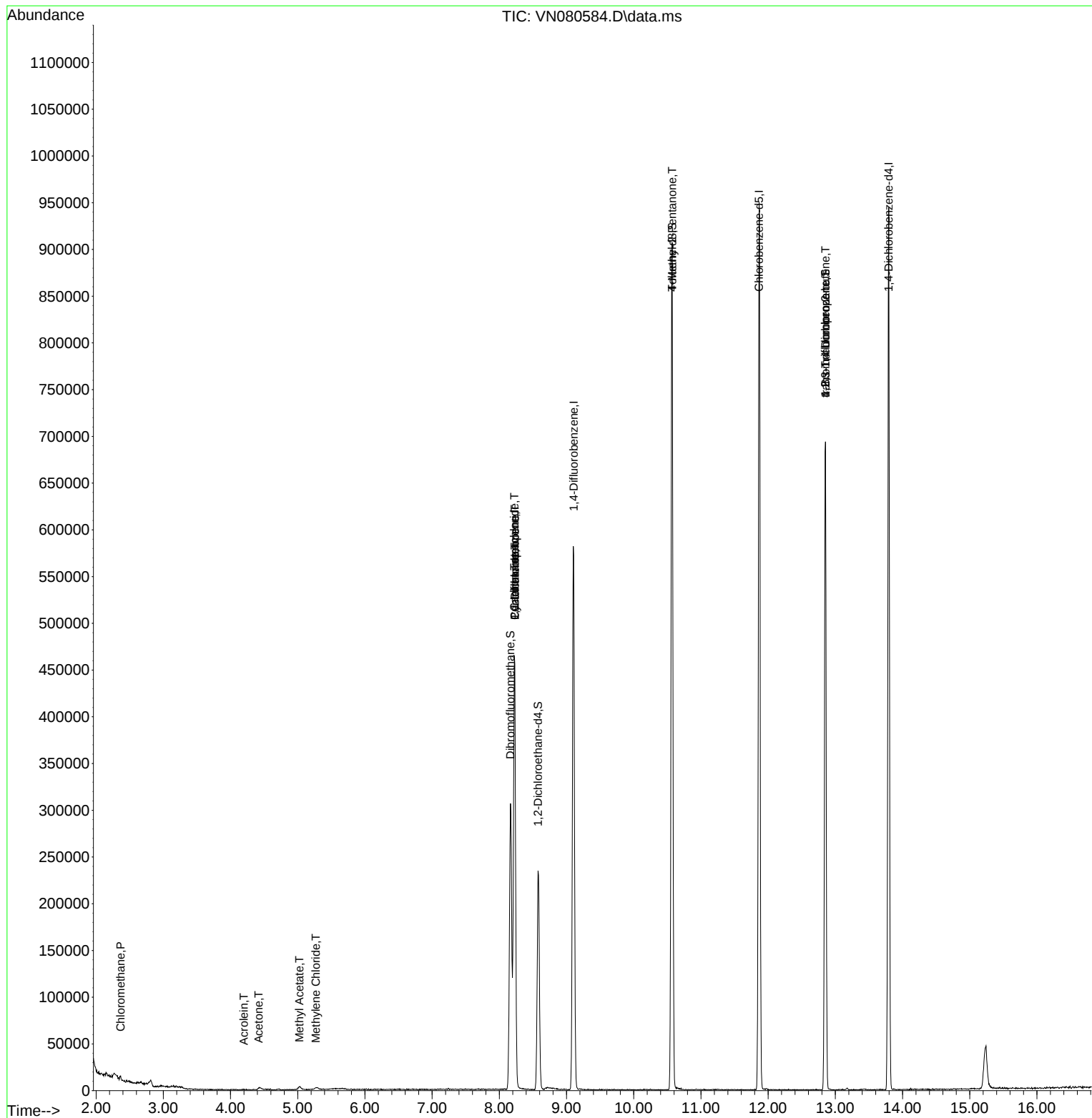
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.365	50	6228	0.934	ug/l	90
13) Acrolein	4.201	56	258	0.447	ug/l #	61
16) Acetone	4.418	43	1787	2.251	ug/l #	80
18) Methyl Acetate	5.024	43	5853	1.146	ug/l	91
20) Methylene Chloride	5.271	84	1423	0.335	ug/l #	76
31) Cyclohexane	8.230	56	6833	1.122	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	28017	5.253	ug/l #	47
38) Carbon Tetrachloride	8.224	117	35193	5.522	ug/l #	16
51) 4-Methyl-2-Pentanone	10.571	43	2449	0.741	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	129717	26.626	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	129717	69.909	ug/l #	15

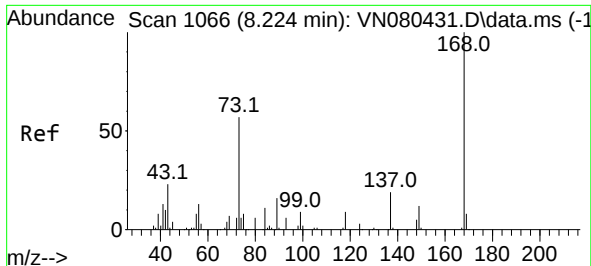
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 13 01:57:14 2023
Response via : Initial Calibration

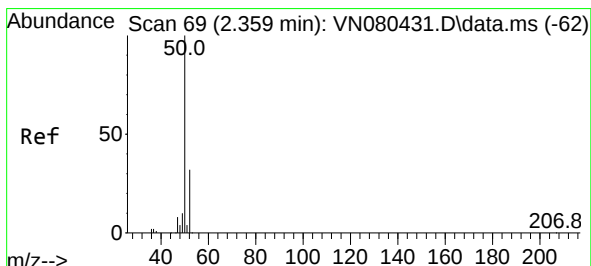
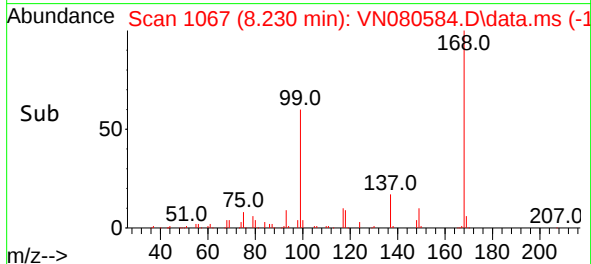
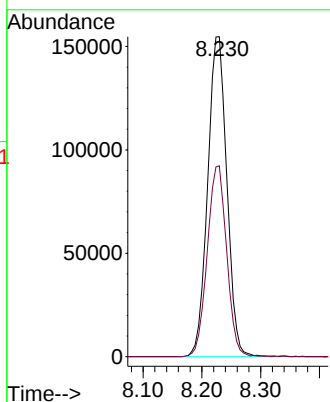
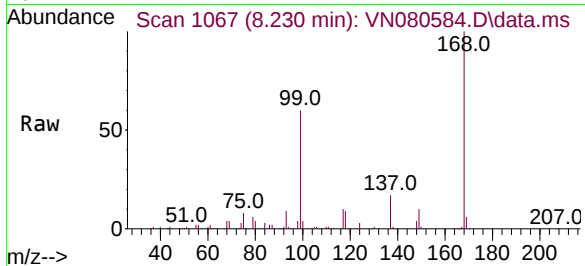




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN080584.D
Acq: 21 Dec 2023 19:24

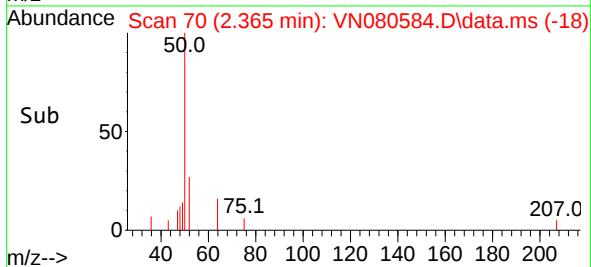
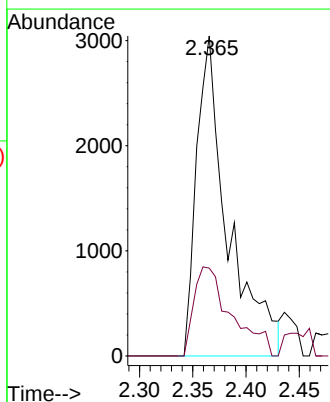
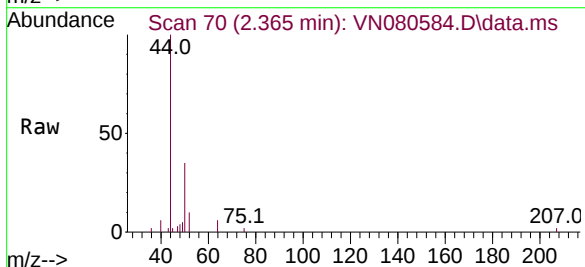
Instrument :
MSVOA_N
ClientSampleId :

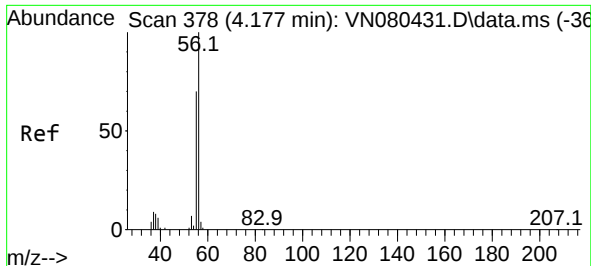
Tgt Ion:168 Resp: 350539
Ion Ratio Lower Upper
168 100
99 59.7 53.0 79.6



#3
Chloromethane
Concen: 0.934 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080584.D
Acq: 21 Dec 2023 19:24

Tgt Ion: 50 Resp: 6228
Ion Ratio Lower Upper
50 100
52 27.5 26.5 39.7

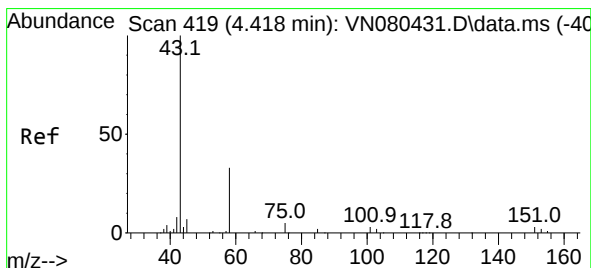
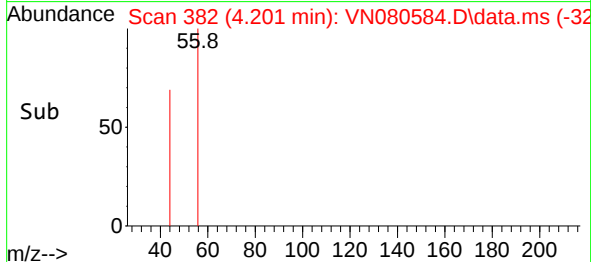
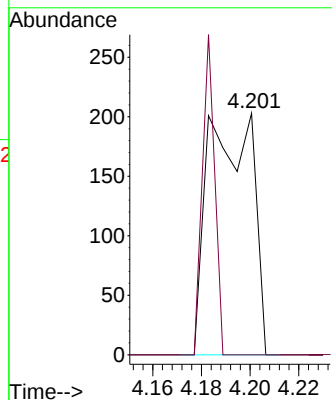
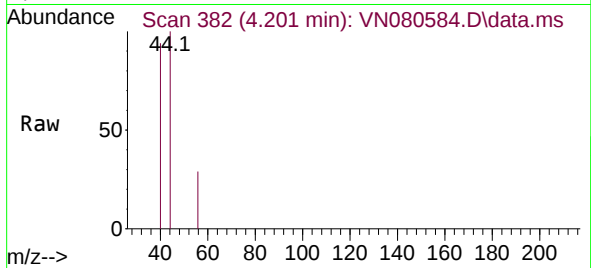




#13
Acrolein
Concen: 0.447 ug/l
RT: 4.201 min Scan# 382
Delta R.T. 0.024 min
Lab File: VN080584.D
Acq: 21 Dec 2023 19:24

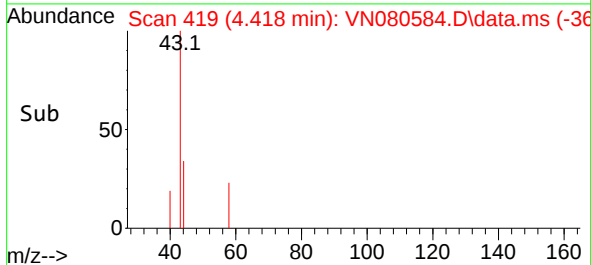
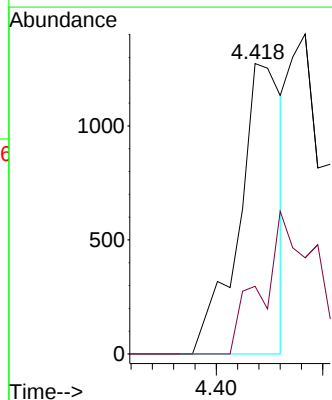
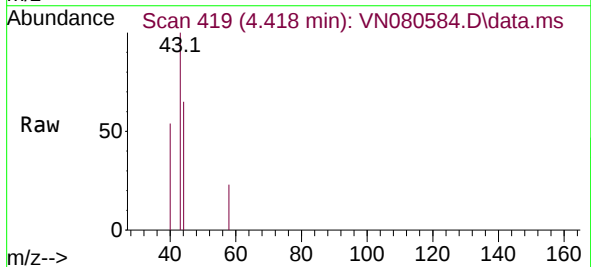
Instrument :
MSVOA_N
ClientSampleId :

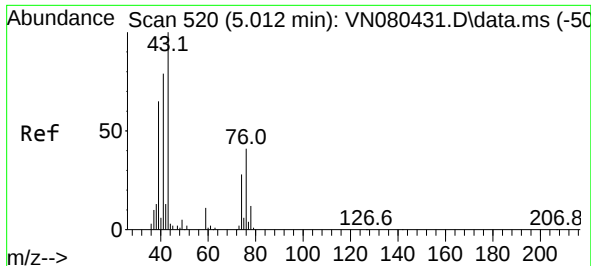
Tgt Ion: 56 Resp: 258
Ion Ratio Lower Upper
56 100
55 36.8 54.5 81.7#



#16
Acetone
Concen: 2.251 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN080584.D
Acq: 21 Dec 2023 19:24

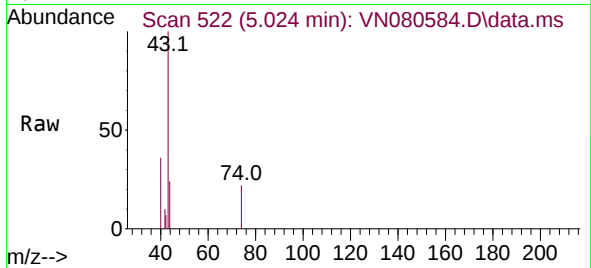
Tgt Ion: 43 Resp: 1787
Ion Ratio Lower Upper
43 100
58 23.3 28.0 42.0#



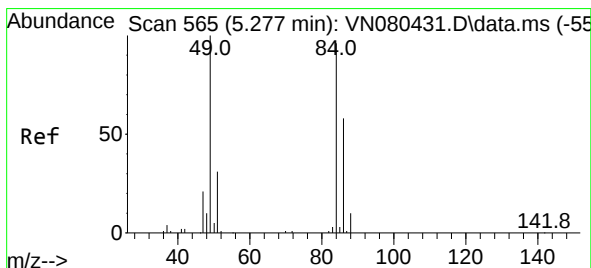
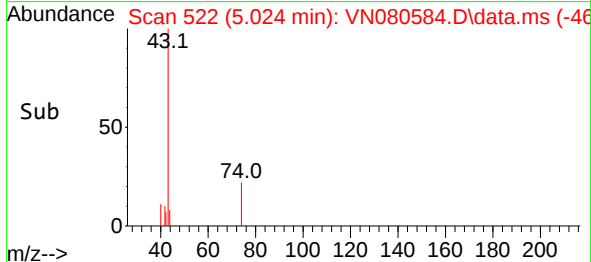
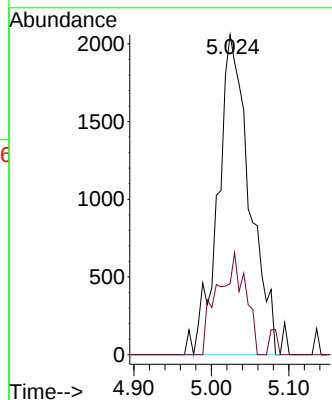


#18
Methyl Acetate
Concen: 1.146 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN080584.D
Acq: 21 Dec 2023 19:24

Instrument :
MSVOA_N
ClientSampleId :

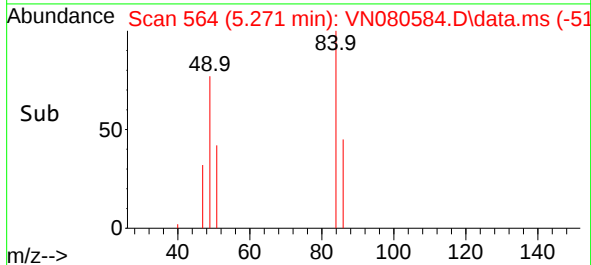
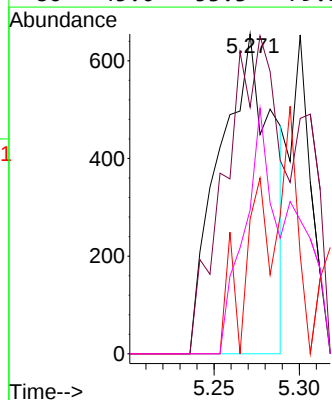
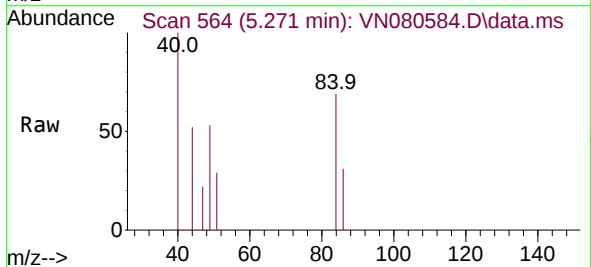


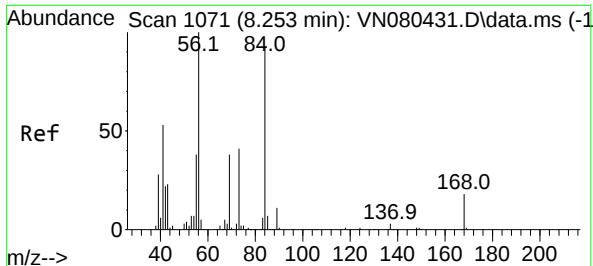
Tgt Ion: 43 Resp: 5853
Ion Ratio Lower Upper
43 100
74 28.0 26.2 39.4



#20
Methylene Chloride
Concen: 0.335 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080584.D
Acq: 21 Dec 2023 19:24

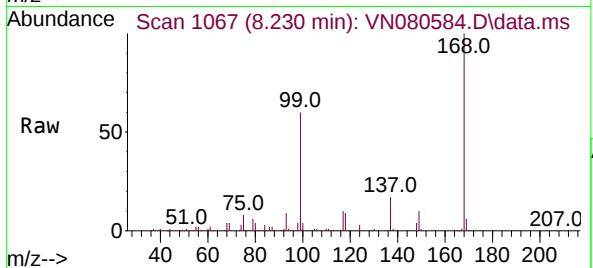
Tgt Ion: 84 Resp: 1423
Ion Ratio Lower Upper
84 100
49 77.1 79.7 119.5#
51 42.1 25.2 37.8#
86 45.0 53.3 79.9#



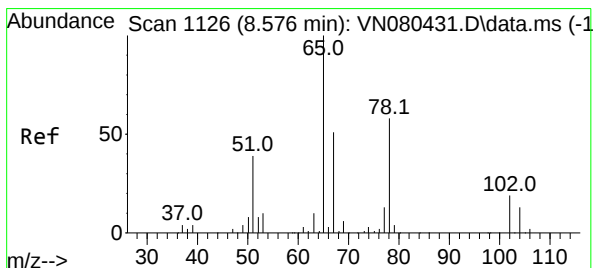
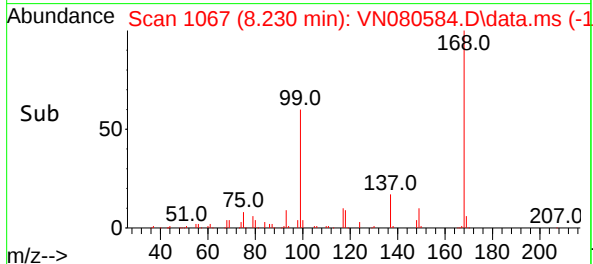
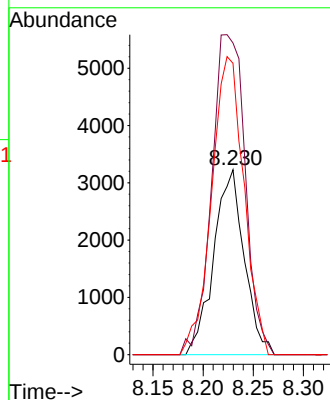


#31
Cyclohexane
Concen: 1.122 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.023 min
Lab File: VN080584.D
Acq: 21 Dec 2023 19:24

Instrument :
MSVOA_N
ClientSampleId :

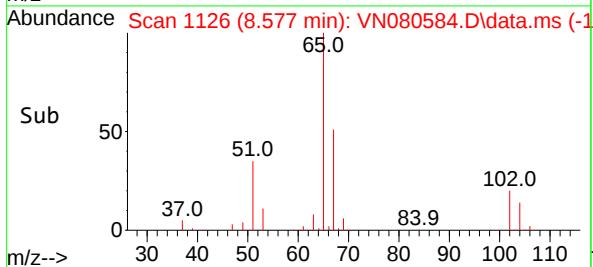
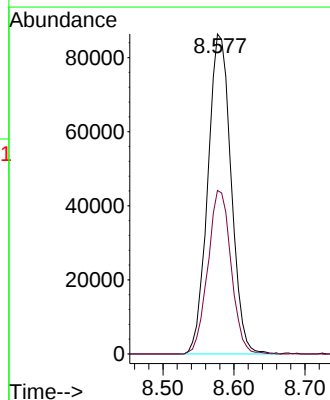
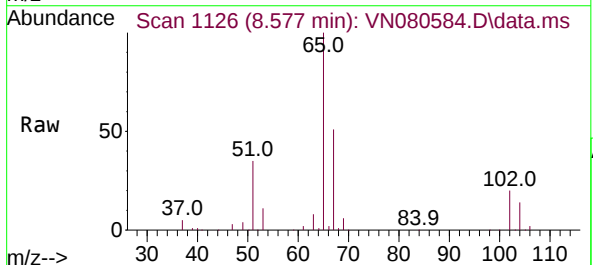


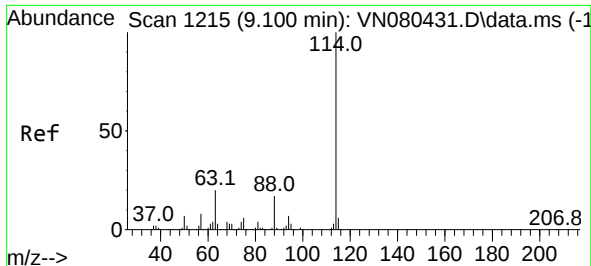
Tgt Ion: 56 Resp: 6833
Ion Ratio Lower Upper
56 100
69 168.5 26.8 40.2#
84 157.5 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 43.879 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080584.D
Acq: 21 Dec 2023 19:24

Tgt Ion: 65 Resp: 196454
Ion Ratio Lower Upper
65 100
67 50.9 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: VN080584.D

Acq: 21 Dec 2023 19:24

Instrument :

MSVOA_N

ClientSampleId :

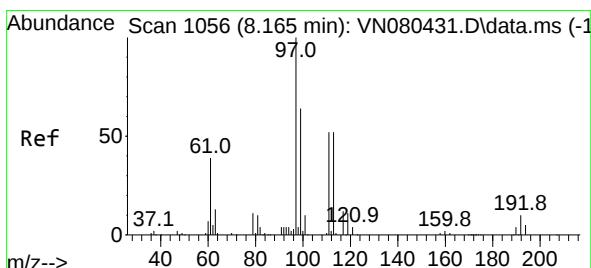
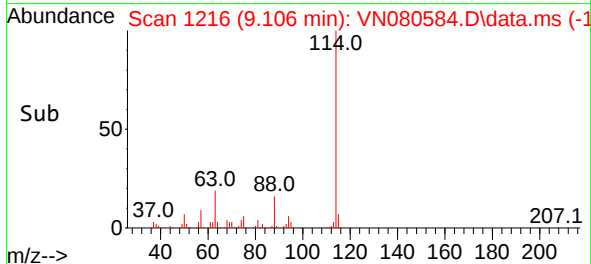
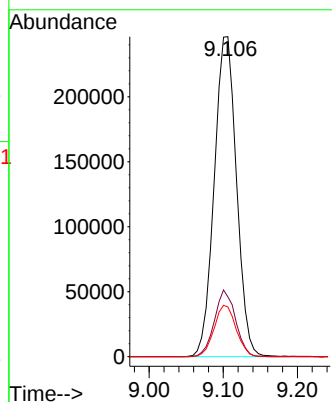
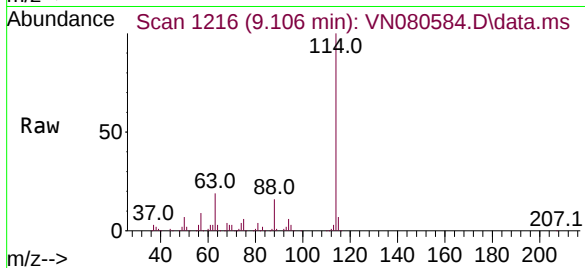
Tgt Ion:114 Resp: 514452

Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 68.894 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080584.D

Acq: 21 Dec 2023 19:24

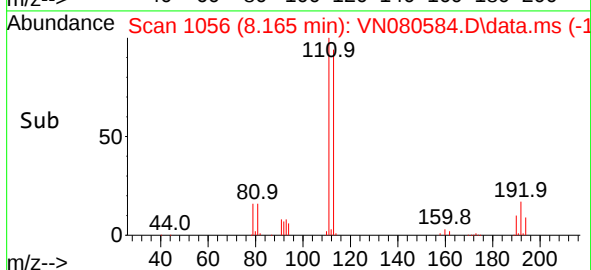
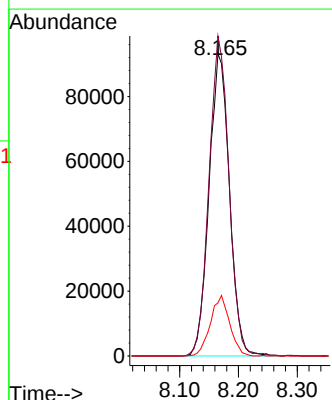
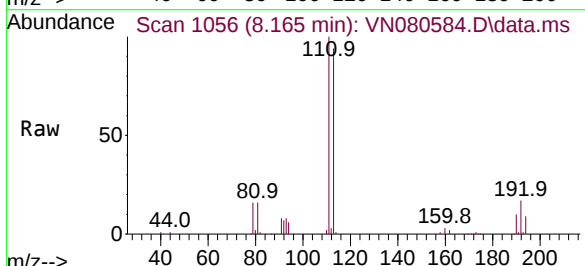
Tgt Ion:113 Resp: 224721

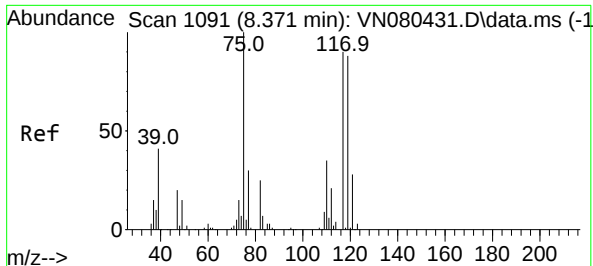
Ion Ratio Lower Upper

113 100

111 103.5 82.6 123.8

192 18.9 12.7 19.1





#36

1,1-Dichloropropene

Concen: 5.253 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

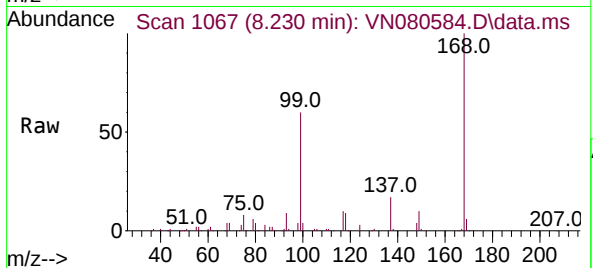
Lab File: VN080584.D

Acq: 21 Dec 2023 19:24

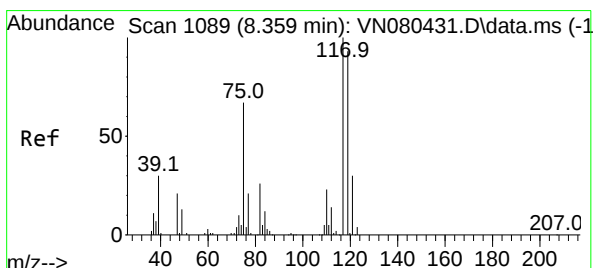
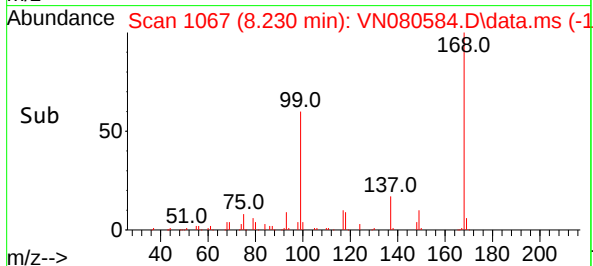
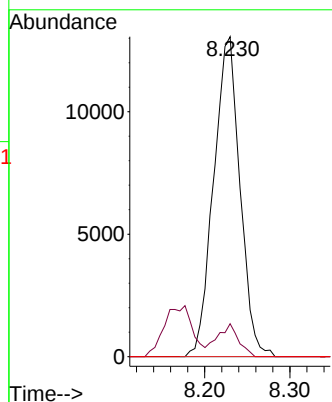
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	28017
Ion	Ratio	Lower	Upper
75	100		
110	8.3	19.1	57.3#
77	0.0	25.0	37.4#



#38

Carbon Tetrachloride

Concen: 5.522 ug/l

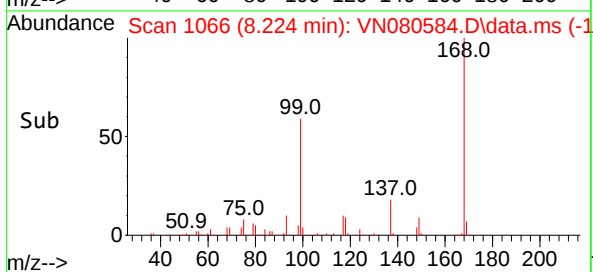
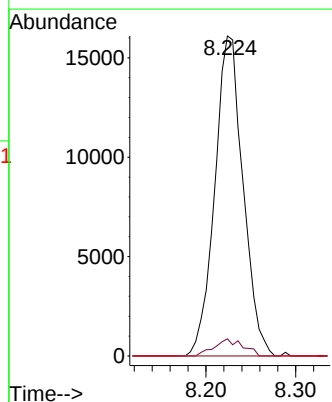
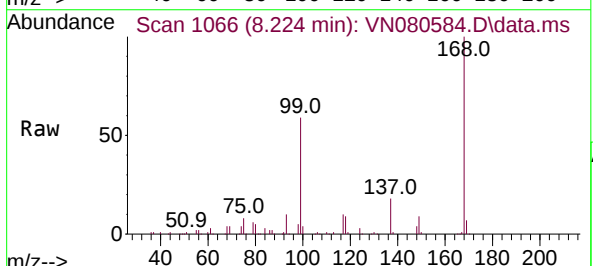
RT: 8.224 min Scan# 1066

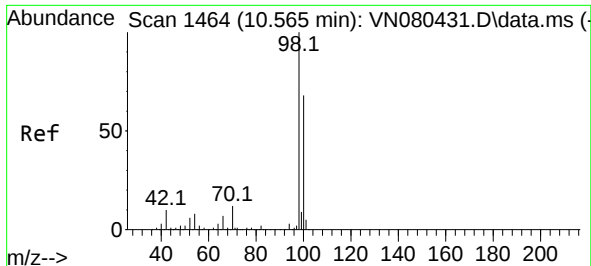
Delta R.T. -0.135 min

Lab File: VN080584.D

Acq: 21 Dec 2023 19:24

Tgt Ion:	117	Resp:	35193
Ion	Ratio	Lower	Upper
117	100		
119	5.3	77.3	115.9#
121	0.0	23.3	34.9#

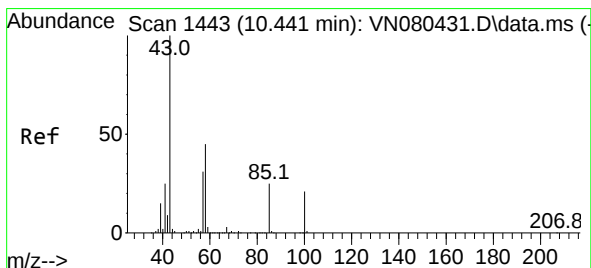
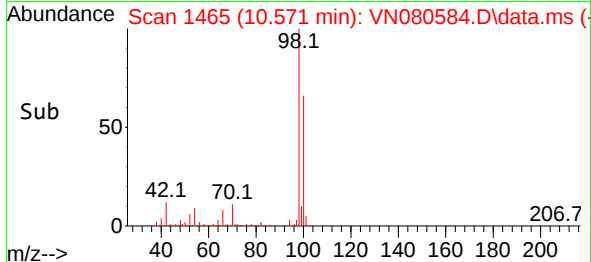
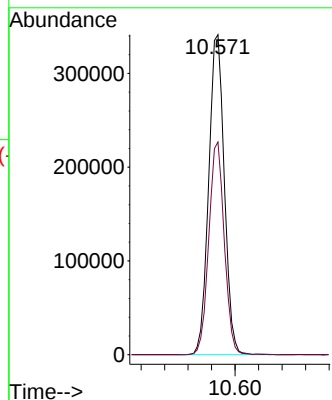
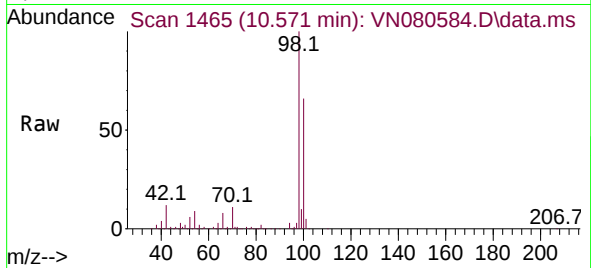




#50
Toluene-d8
Concen: 51.865 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080584.D
Acq: 21 Dec 2023 19:24

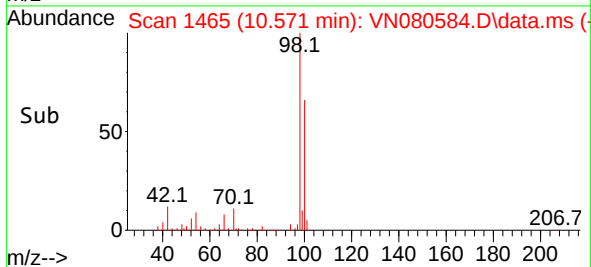
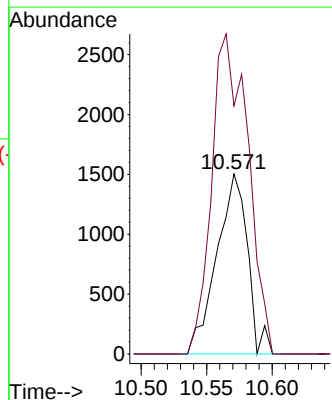
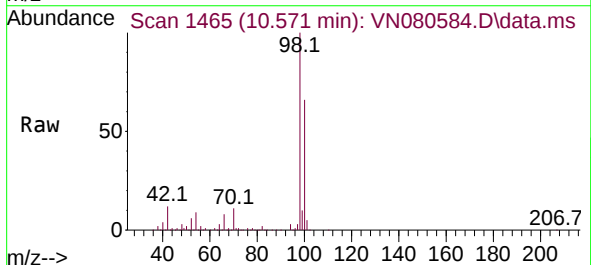
Instrument :
MSVOA_N
ClientSampleId :

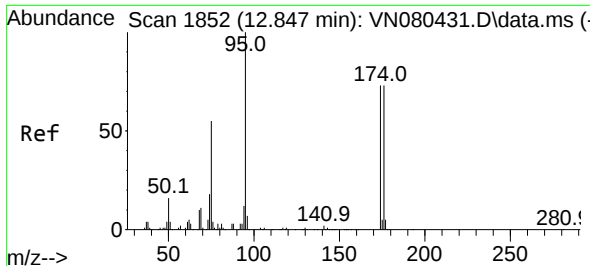
Tgt Ion: 98 Resp: 630936
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.741 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.130 min
Lab File: VN080584.D
Acq: 21 Dec 2023 19:24

Tgt Ion: 43 Resp: 2449
Ion Ratio Lower Upper
43 100
58 209.6 36.6 54.8#

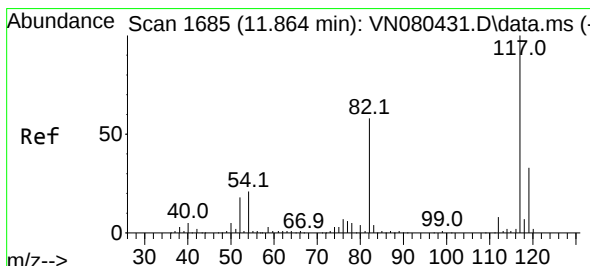
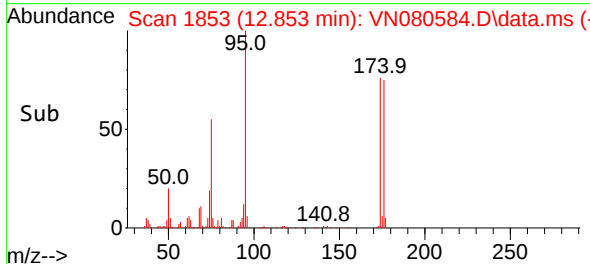
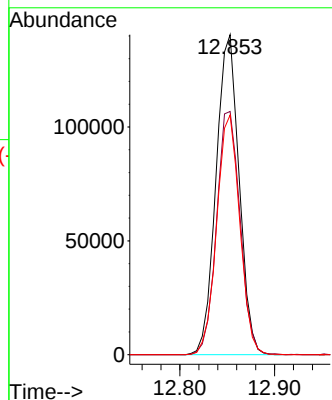
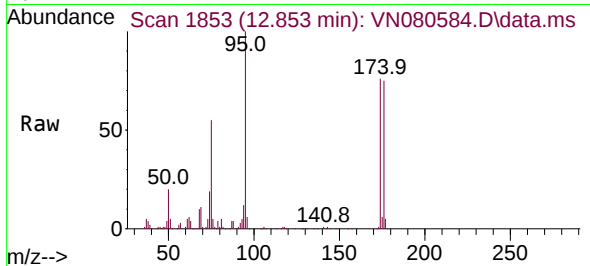




#62
4-Bromofluorobenzene
Concen: 51.416 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080584.D
Acq: 21 Dec 2023 19:24

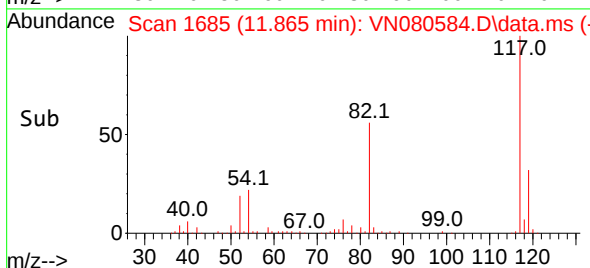
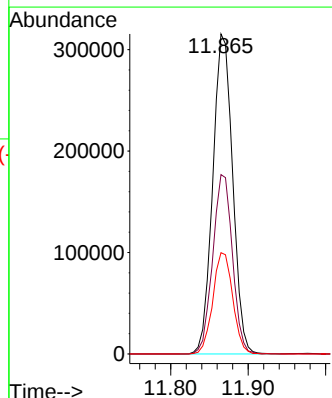
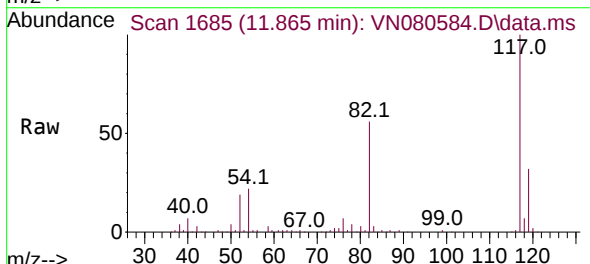
Instrument :
MSVOA_N
ClientSampleId :

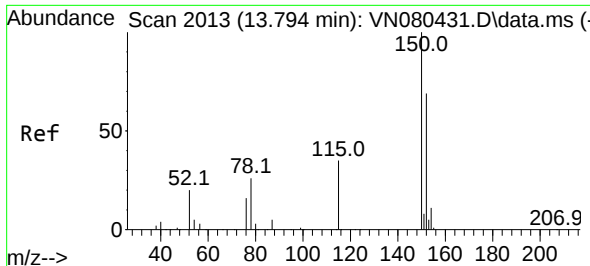
Tgt Ion: 95 Resp: 237507
Ion Ratio Lower Upper
95 100
174 77.5 0.0 143.8
176 74.8 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080584.D
Acq: 21 Dec 2023 19:24

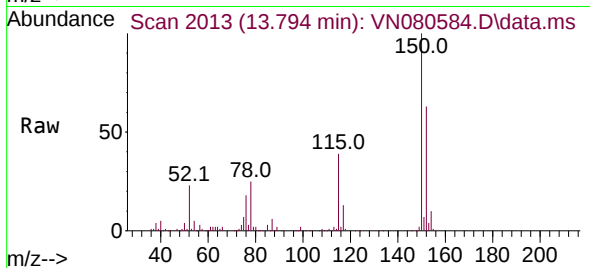
Tgt Ion: 117 Resp: 561737
Ion Ratio Lower Upper
117 100
82 56.1 44.0 66.0
119 31.6 25.6 38.4



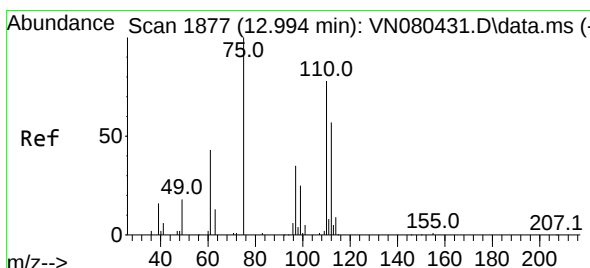
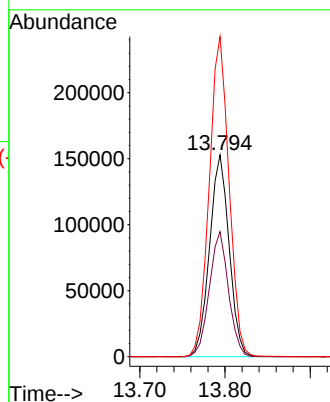
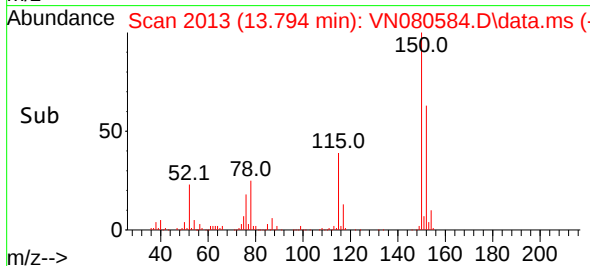


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080584.D
 Acq: 21 Dec 2023 19:24

Instrument :
 MSVOA_N
 ClientSampleId :

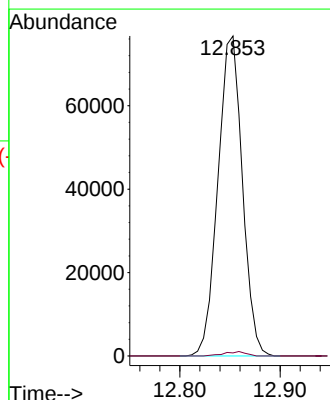
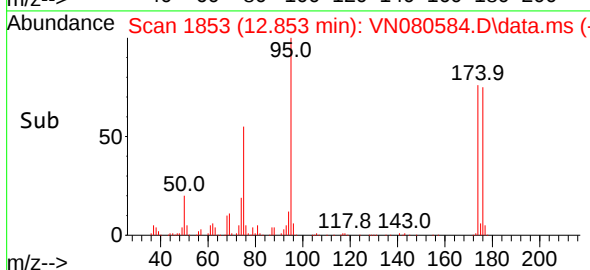
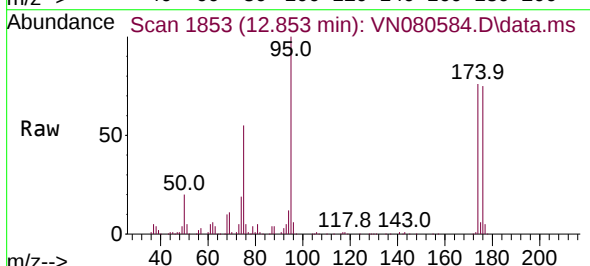


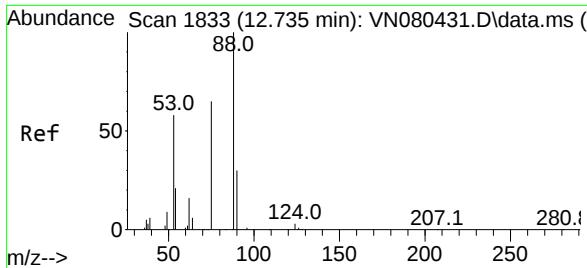
Tgt Ion:152 Resp: 244207
 Ion Ratio Lower Upper
 152 100
 115 60.7 32.3 96.8
 150 160.0 0.0 355.8



#76
 1,2,3-Trichloropropane
 Concen: 26.626 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN080584.D
 Acq: 21 Dec 2023 19:24

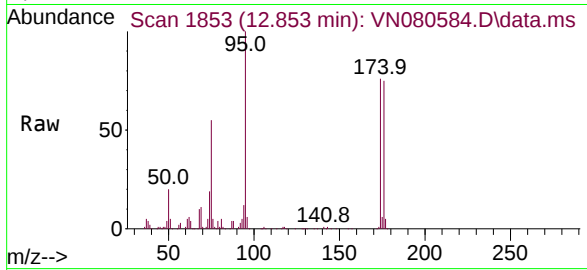
Tgt Ion: 75 Resp: 129717
 Ion Ratio Lower Upper
 75 100
 77 1.2 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.909 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN080584.D
 Acq: 21 Dec 2023 19:24

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 129717
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.1 38.8 58.2#

