

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083251.D
 Acq On : 13 Aug 2024 12:30
 Operator : JC\MD
 Sample : P3440-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 14 01:41:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	149286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	287536	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	294026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	131455	50.000	ug/l	0.00

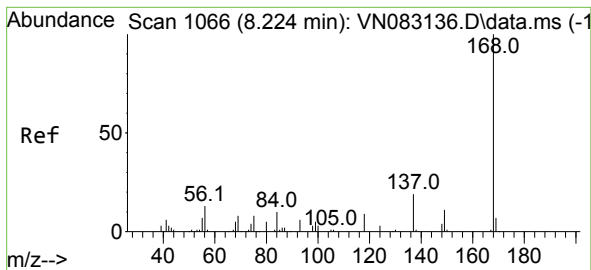
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119277	56.133	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.260%
35) Dibromofluoromethane	8.165	113	94242	52.510	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.020%
50) Toluene-d8	10.565	98	356525	53.254	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.500%
62) 4-Bromofluorobenzene	12.847	95	146778	56.236	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	112.480%

Target Compounds					Qvalue	
3) Chloromethane	2.359	50	444	0.256	ug/l #	63
16) Acetone	4.436	43	4080	4.907	ug/l	97
31) Cyclohexane	8.218	56	3756	1.193	ug/l #	15
36) 1,1-Dichloropropene	8.224	75	13549	4.991	ug/l #	50
38) Carbon Tetrachloride	8.224	117	17662	5.776	ug/l #	17
43) Isopropyl Acetate	8.688	43	7704	Below Cal	#	60
52) Toluene	10.635	92	3624	0.709	ug/l	84
76) 1,2,3-Trichloropropane	12.847	75	80664	27.959	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	80664	60.817	ug/l #	6

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

Quant Time: Aug 14 01:41:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
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QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration

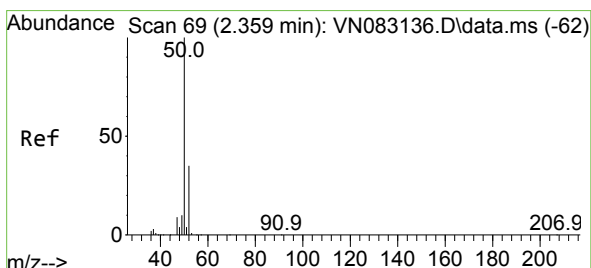
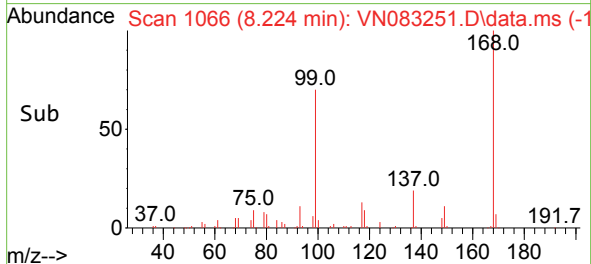
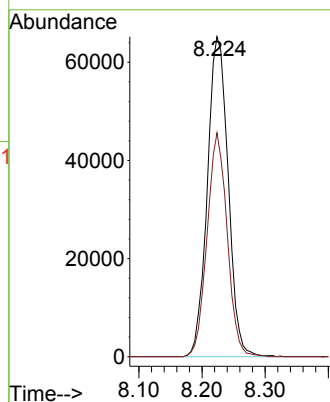
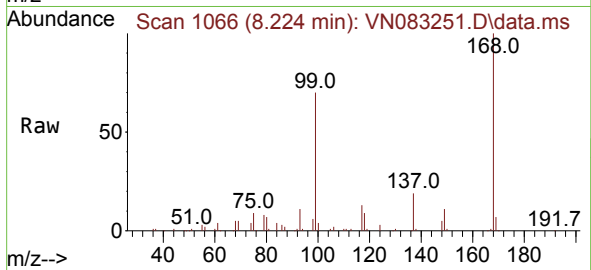




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083251.D
Acq: 13 Aug 2024 12:30

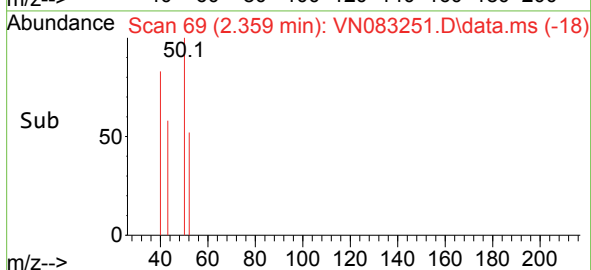
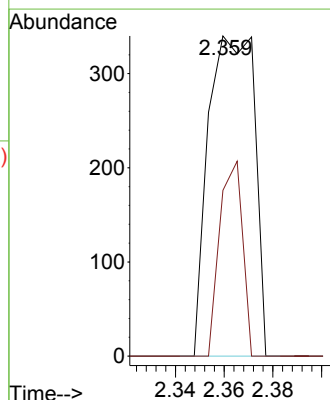
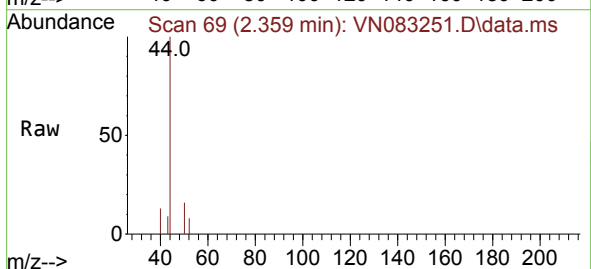
Instrument :
MSVOA_N
ClientSampleId :

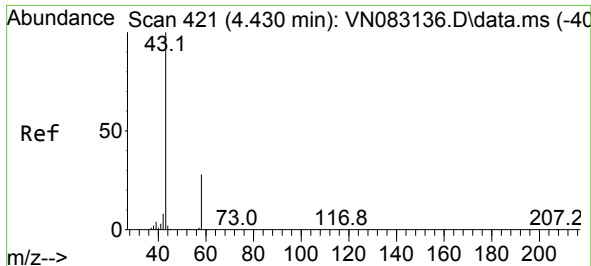
Tgt Ion:168 Resp: 149286
Ion Ratio Lower Upper
168 100
99 69.9 48.2 72.4



#3
Chloromethane
Concen: 0.256 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083251.D
Acq: 13 Aug 2024 12:30

Tgt Ion: 50 Resp: 444
Ion Ratio Lower Upper
50 100
52 51.8 25.0 37.4#

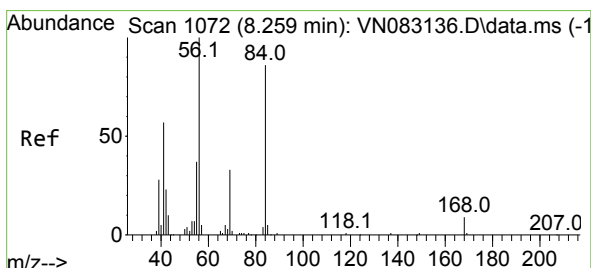
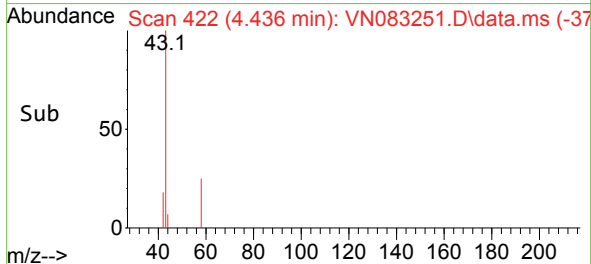
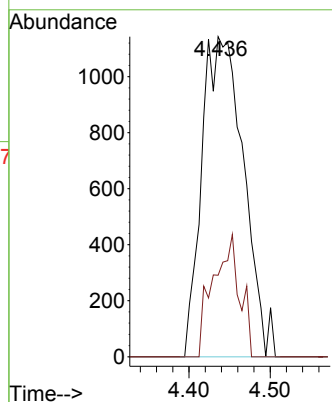
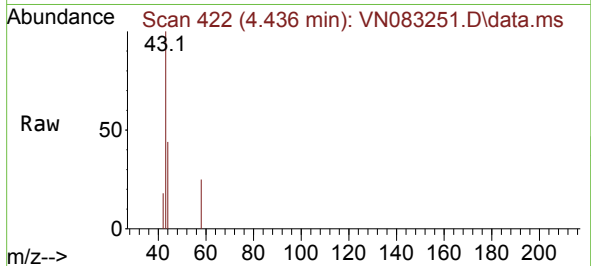




#16
Acetone
Concen: 4.907 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN083251.D
Acq: 13 Aug 2024 12:30

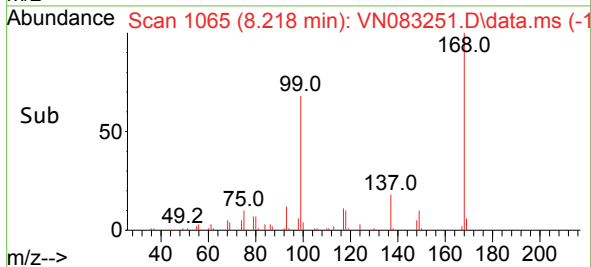
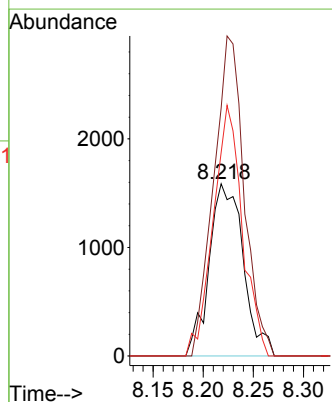
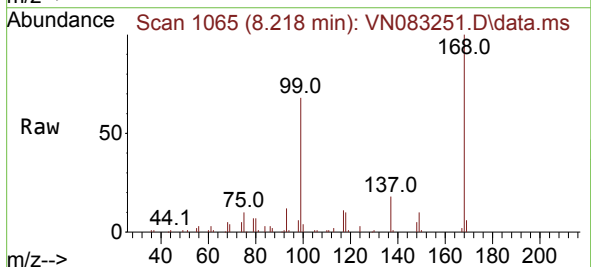
Instrument :
MSVOA_N
ClientSampleId :

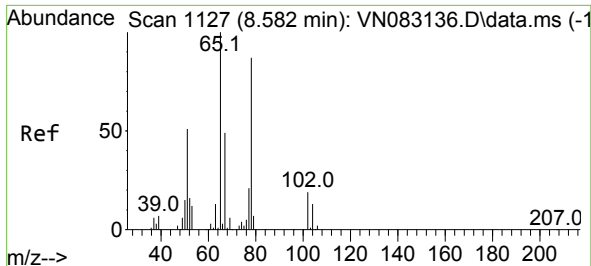
Tgt Ion: 43 Resp: 4080
Ion Ratio Lower Upper
43 100
58 25.5 21.8 32.6



#31
Cyclohexane
Concen: 1.193 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN083251.D
Acq: 13 Aug 2024 12:30

Tgt Ion: 56 Resp: 3756
Ion Ratio Lower Upper
56 100
69 144.1 24.5 36.7#
84 118.2 66.0 99.0#





#33

1,2-Dichloroethane-d4

Concen: 56.133 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

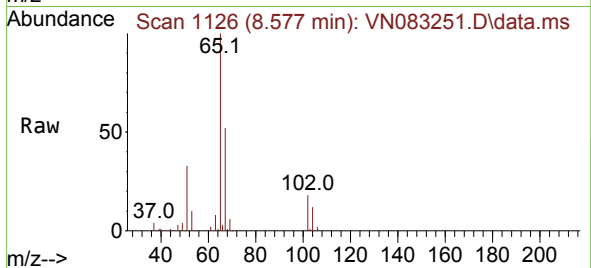
Lab File: VN083251.D

Acq: 13 Aug 2024 12:30

Instrument :

MSVOA_N

ClientSampleId :

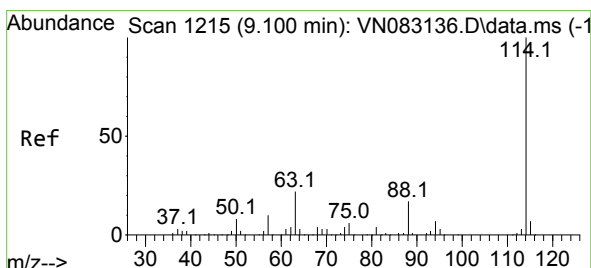
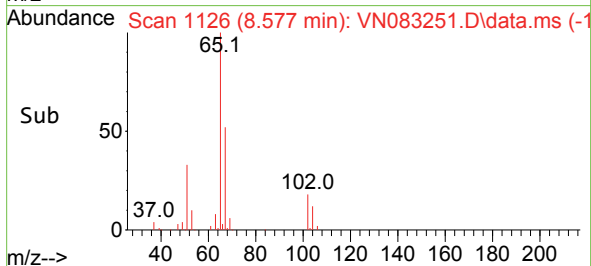
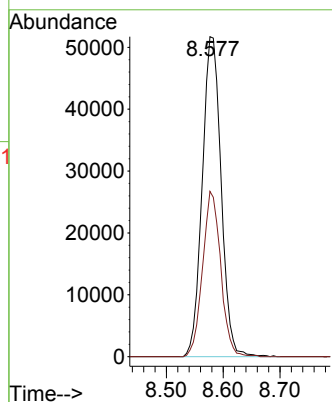


Tgt Ion: 65 Resp: 119277

Ion Ratio Lower Upper

65 100

67 49.7 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083251.D

Acq: 13 Aug 2024 12:30

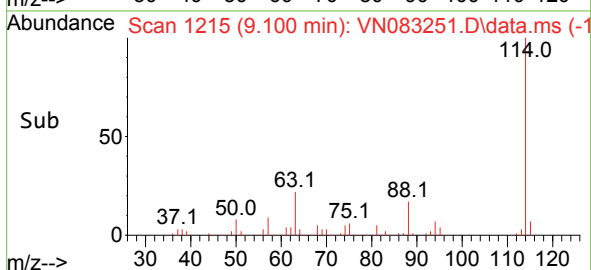
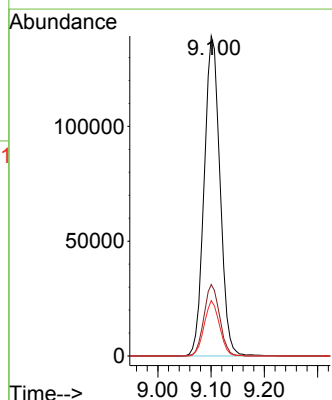
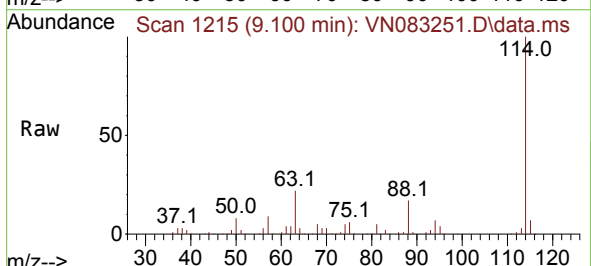
Tgt Ion: 114 Resp: 287536

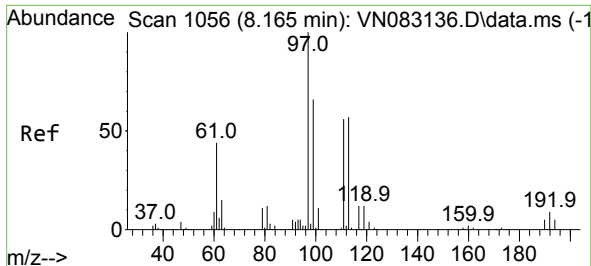
Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.6

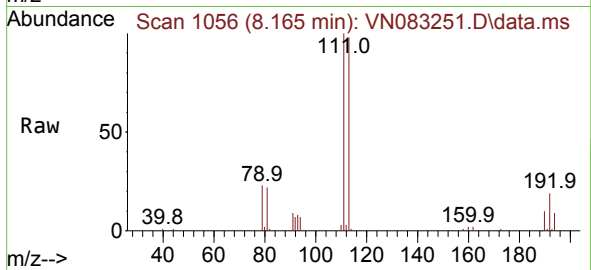
88 17.3 0.0 31.4



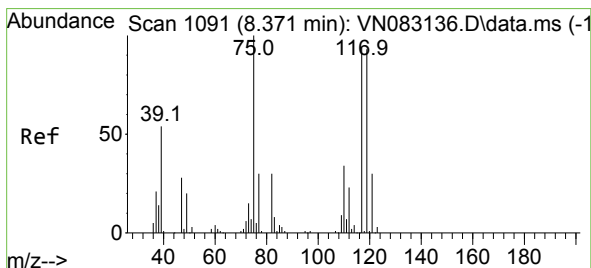
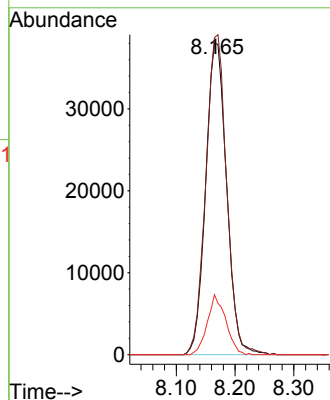
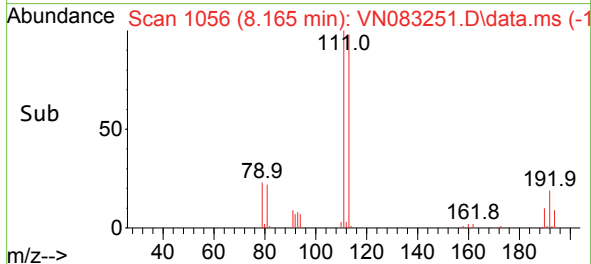


#35
Dibromofluoromethane
Concen: 52.510 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083251.D
Acq: 13 Aug 2024 12:30

Instrument :
MSVOA_N
ClientSampleId :

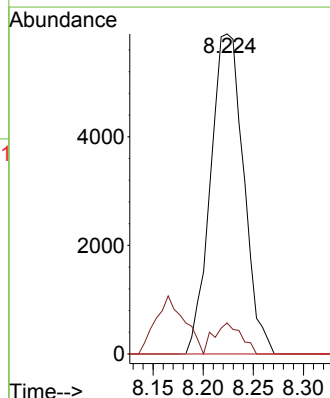
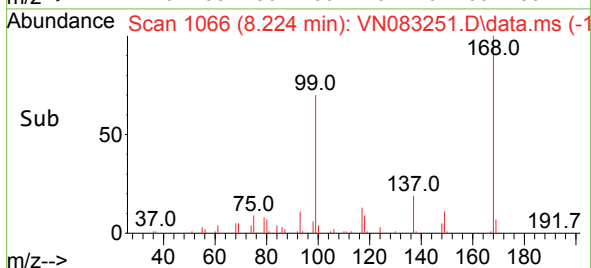
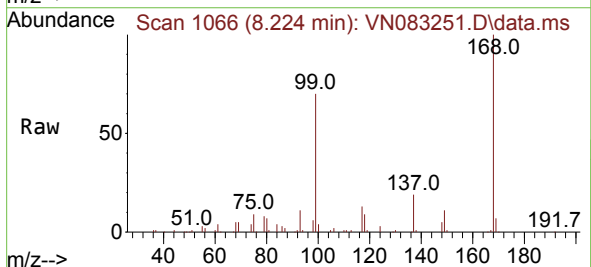


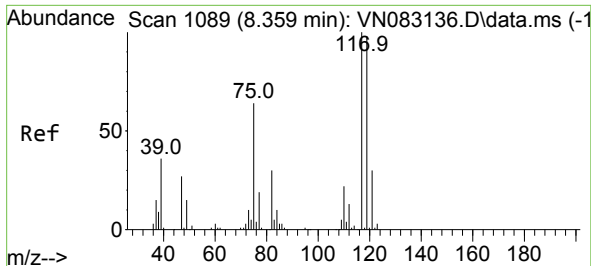
Tgt Ion:113 Resp: 94242
Ion Ratio Lower Upper
113 100
111 102.5 82.4 123.6
192 17.0 14.9 22.3



#36
1,1-Dichloropropene
Concen: 4.991 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083251.D
Acq: 13 Aug 2024 12:30

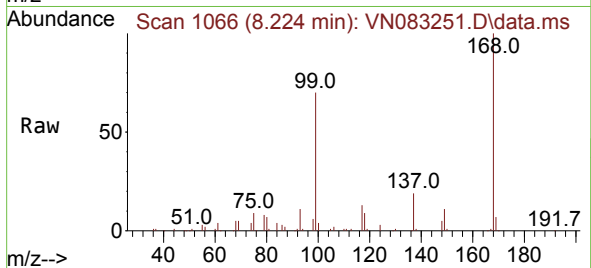
Tgt Ion: 75 Resp: 13549
Ion Ratio Lower Upper
75 100
110 8.0 16.3 48.9#
77 0.0 24.6 37.0#



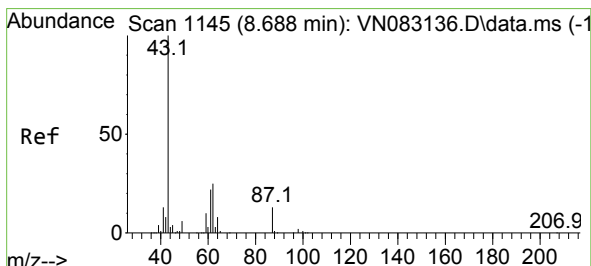
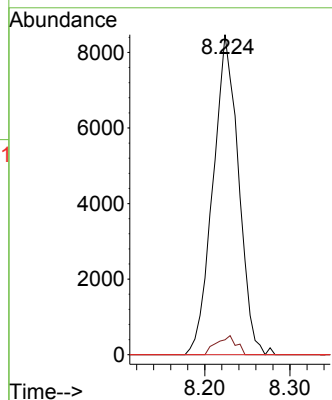
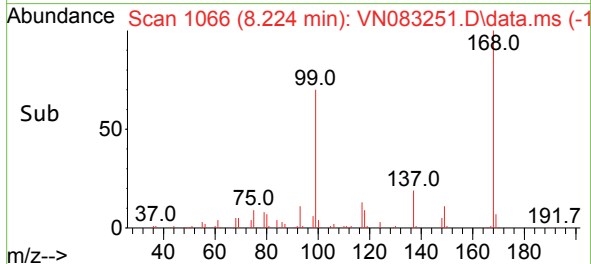


#38
Carbon Tetrachloride
Concen: 5.776 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.135 min
Lab File: VN083251.D
Acq: 13 Aug 2024 12:30

Instrument :
MSVOA_N
ClientSampleId :

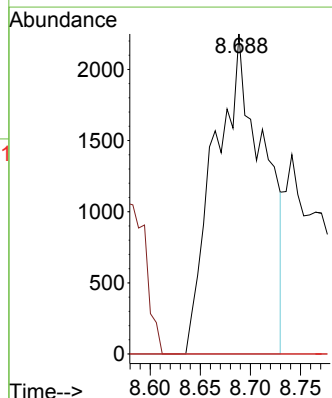
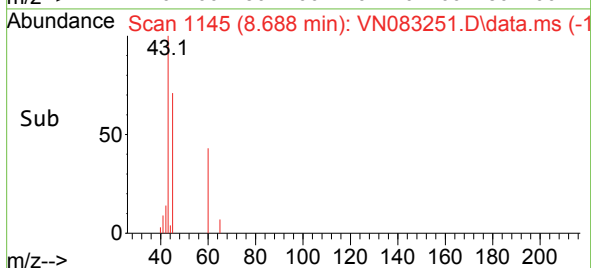
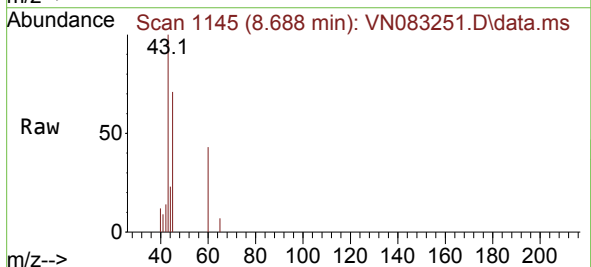


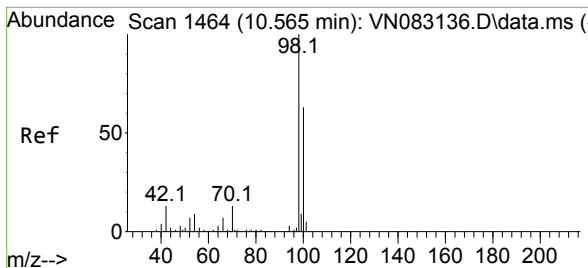
Tgt Ion:117 Resp: 17662
Ion Ratio Lower Upper
117 100
119 4.7 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083251.D
Acq: 13 Aug 2024 12:30

Tgt Ion: 43 Resp: 7704
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

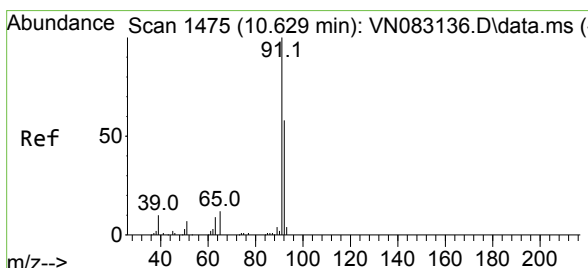
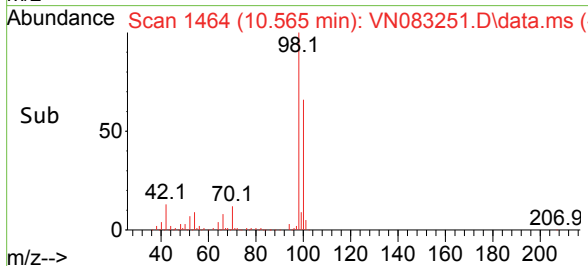
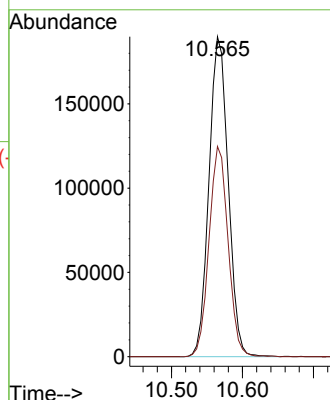
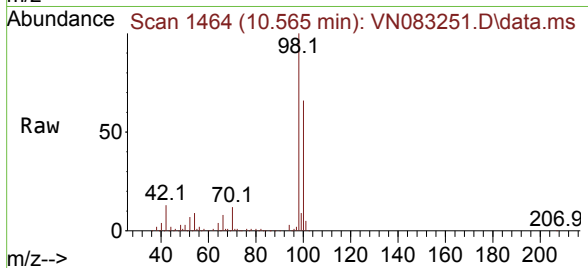




#50
Toluene-d8
Concen: 53.254 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083251.D
Acq: 13 Aug 2024 12:30

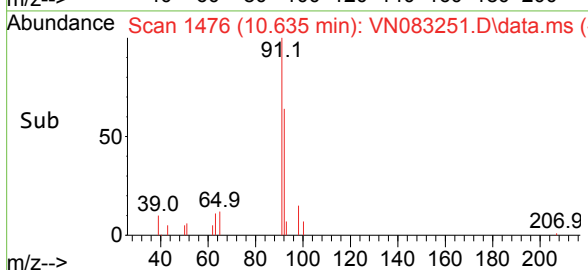
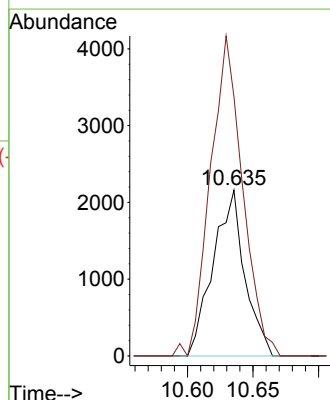
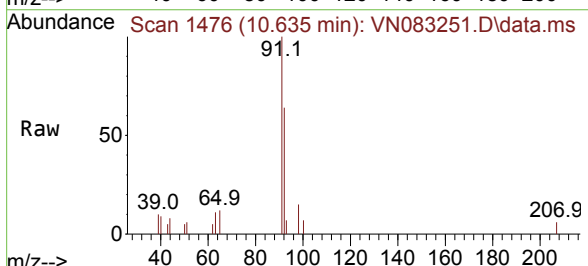
Instrument :
MSVOA_N
ClientSampleId :

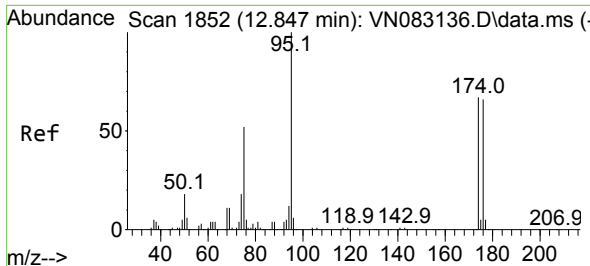
Tgt Ion: 98 Resp: 356525
Ion Ratio Lower Upper
98 100
100 65.3 51.5 77.3



#52
Toluene
Concen: 0.709 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN083251.D
Acq: 13 Aug 2024 12:30

Tgt Ion: 92 Resp: 3624
Ion Ratio Lower Upper
92 100
91 196.5 139.4 209.0

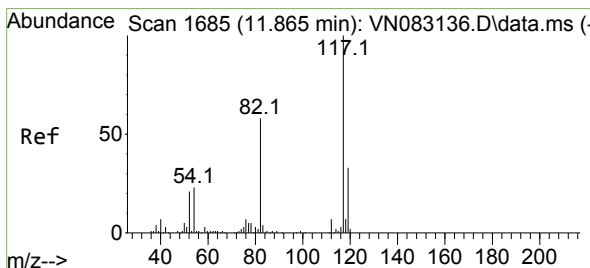
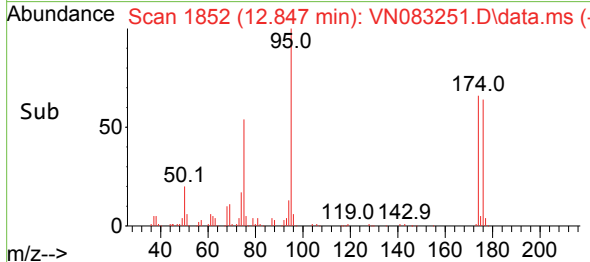
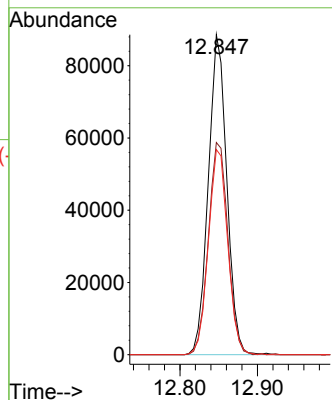
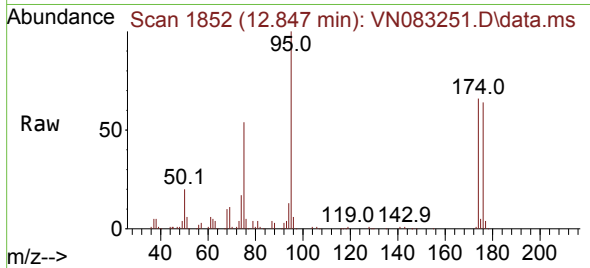




#62
4-Bromofluorobenzene
Concen: 56.236 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083251.D
Acq: 13 Aug 2024 12:30

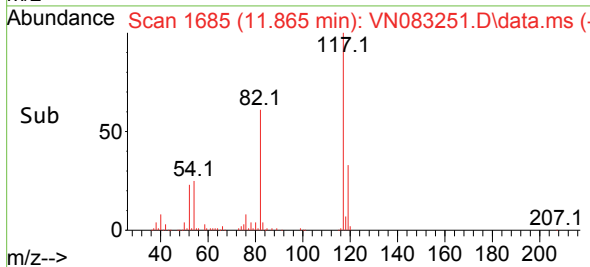
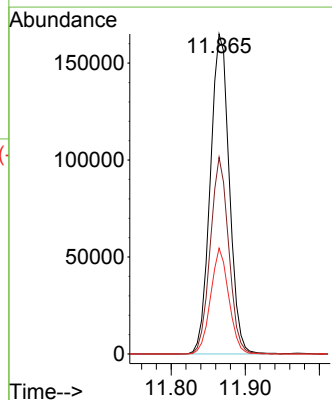
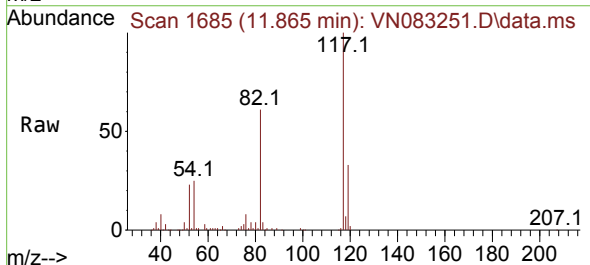
Instrument :
MSVOA_N
ClientSampleId :

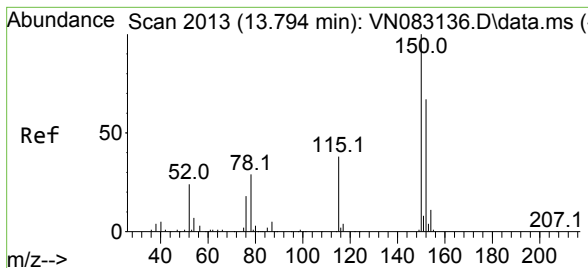
Tgt Ion: 95 Resp: 146778
Ion Ratio Lower Upper
95 100
174 70.0 0.0 159.2
176 67.0 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083251.D
Acq: 13 Aug 2024 12:30

Tgt Ion:117 Resp: 294026
Ion Ratio Lower Upper
117 100
82 61.4 47.5 71.3
119 33.0 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

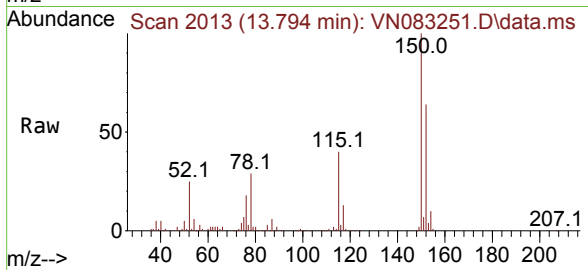
Lab File: VN083251.D

Acq: 13 Aug 2024 12:30

Instrument :

MSVOA_N

ClientSampleId :



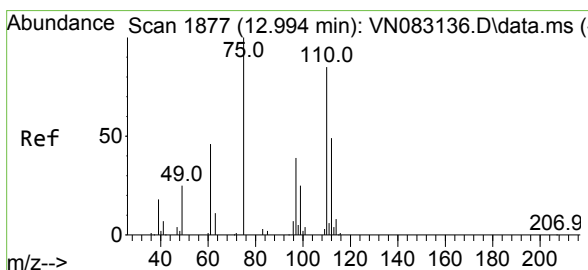
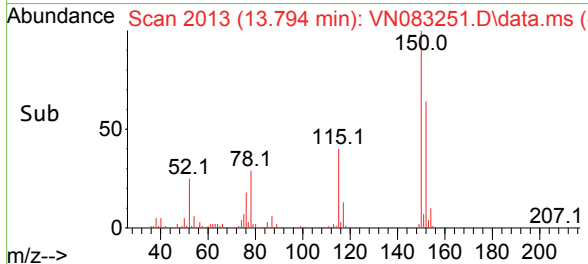
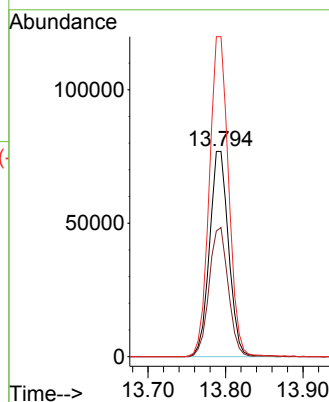
Tgt Ion:152 Resp: 131455

Ion Ratio Lower Upper

152 100

115 63.1 30.6 91.6

150 157.1 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 27.959 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083251.D

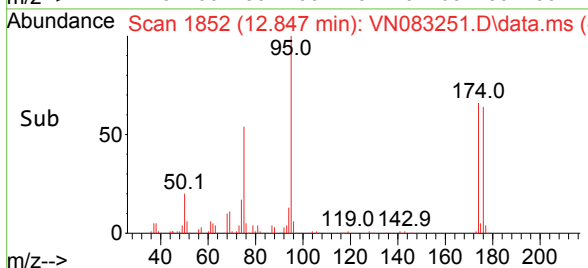
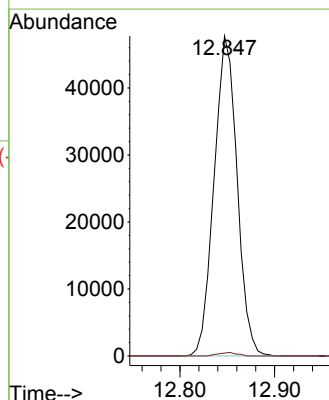
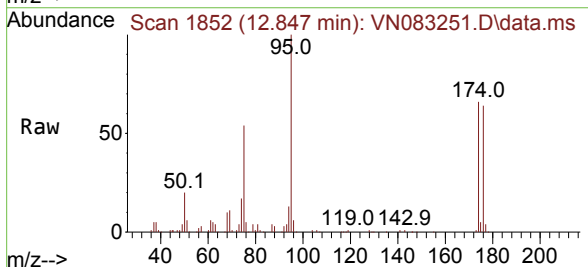
Acq: 13 Aug 2024 12:30

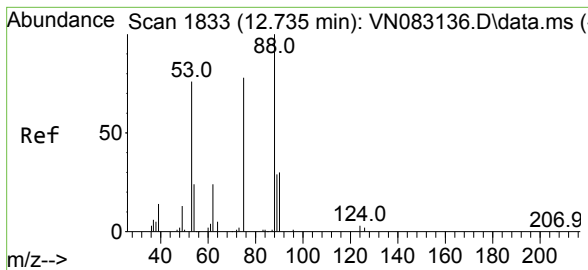
Tgt Ion: 75 Resp: 80664

Ion Ratio Lower Upper

75 100

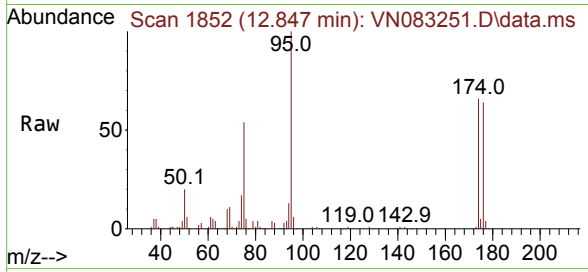
77 0.9 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.817 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083251.D
 Acq: 13 Aug 2024 12:30

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	88.4	132.6#
89	0.0	36.3	54.5#

