

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081024\
 Data File : VN083209.D
 Acq On : 10 Aug 2024 15:45
 Operator : JC\MD
 Sample : P3478-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 12 01:52:58 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

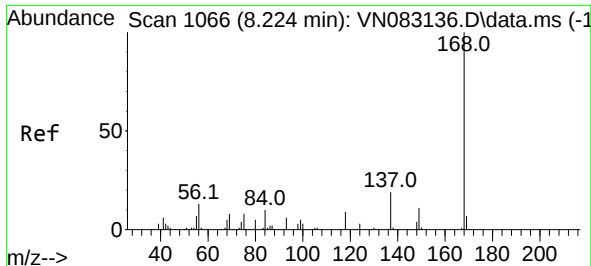
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	143134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	274986	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	287714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	134488	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	122121	59.941	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	119.880%
35) Dibromofluoromethane	8.165	113	95034	55.368	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.740%
50) Toluene-d8	10.565	98	359932	56.217	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	112.440%
62) 4-Bromofluorobenzene	12.847	95	156131	62.550	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	125.100%
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	5232	6.563	ug/l #	82
20) Methylene Chloride	5.277	84	18593	10.134	ug/l #	80
31) Cyclohexane	8.218	56	3681	1.219	ug/l #	32
36) 1,1-Dichloropropene	8.218	75	12960	4.991	ug/l #	52
38) Carbon Tetrachloride	8.224	117	15911	5.441	ug/l #	18
43) Isopropyl Acetate	8.718	43	1353	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1993	0.725	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	86286	29.233	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	86286	63.589	ug/l #	6

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

Quant Time: Aug 12 01:52:58 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

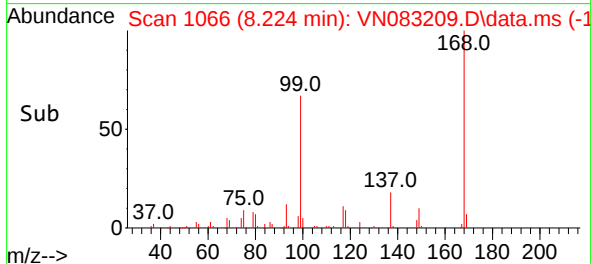
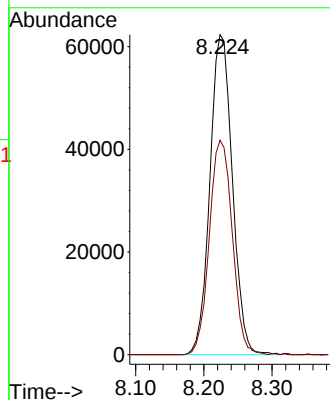
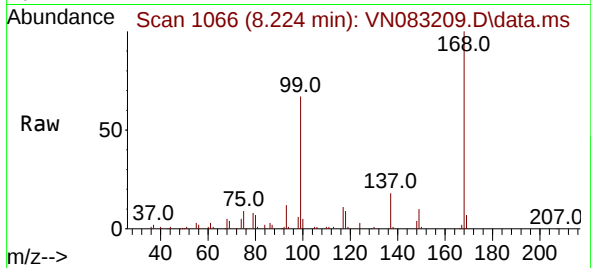




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083209.D
Acq: 10 Aug 2024 15:45

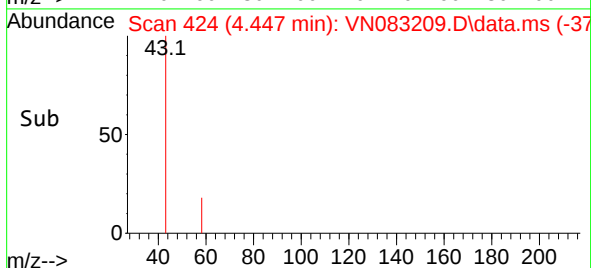
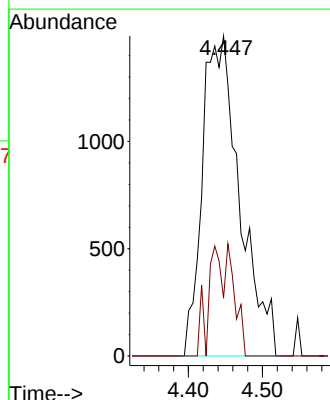
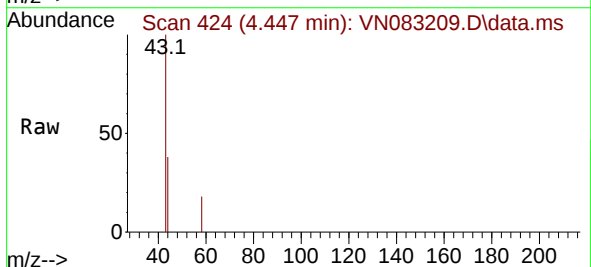
Instrument :
MSVOA_N
ClientSampleId :

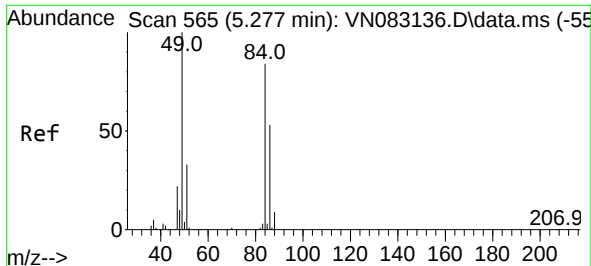
Tgt Ion:168 Resp: 143134
Ion Ratio Lower Upper
168 100
99 67.0 48.2 72.4



#16
Acetone
Concen: 6.563 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN083209.D
Acq: 10 Aug 2024 15:45

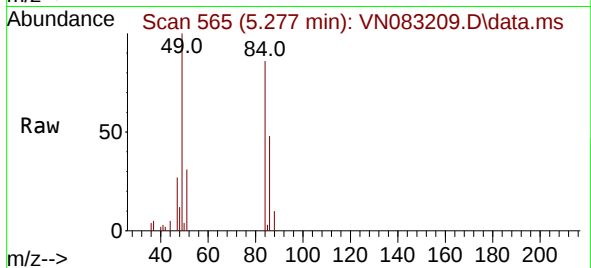
Tgt Ion: 43 Resp: 5232
Ion Ratio Lower Upper
43 100
58 18.0 21.8 32.6#



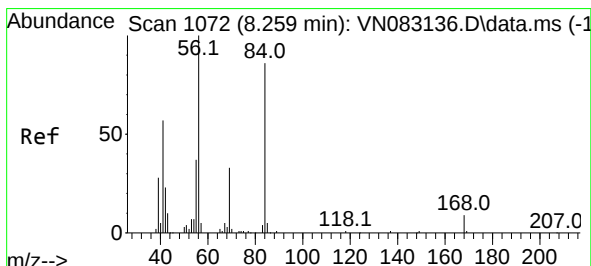
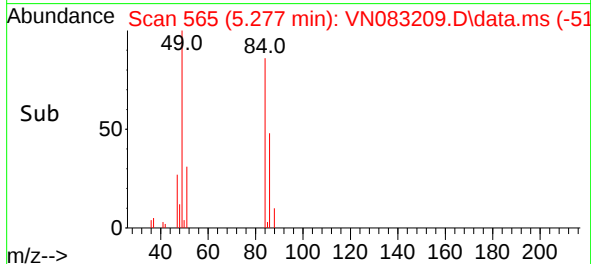
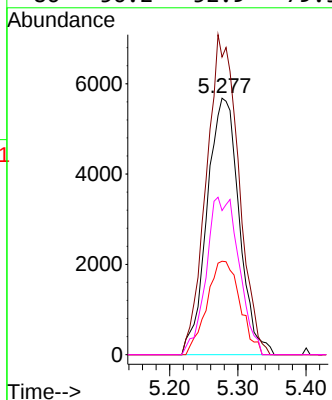


#20
Methylene Chloride
Concen: 10.134 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN083209.D
Acq: 10 Aug 2024 15:45

Instrument :
MSVOA_N
ClientSampleId :

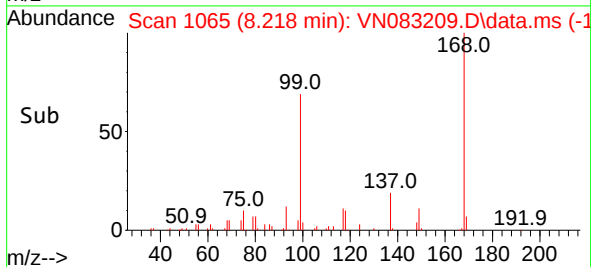
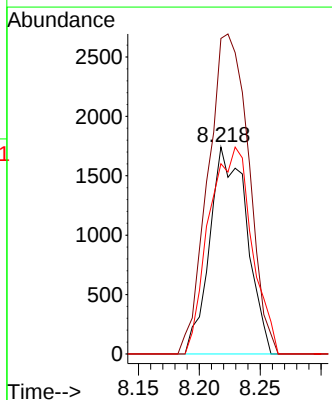
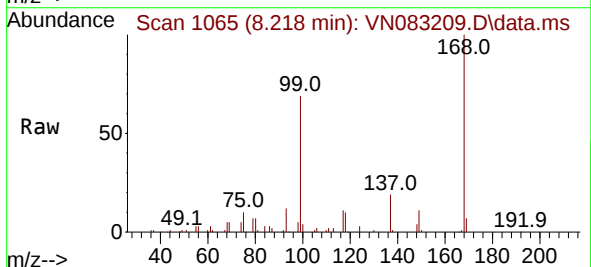


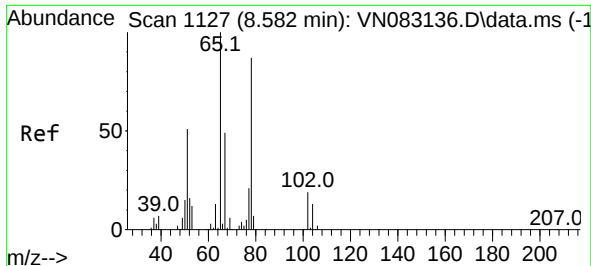
Tgt Ion:	84	Resp:	18593
Ion	Ratio	Lower	Upper
84	100		
49	116.1	119.6	179.4#
51	36.4	34.8	52.2
86	56.2	52.9	79.3



#31
Cyclohexane
Concen: 1.219 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN083209.D
Acq: 10 Aug 2024 15:45

Tgt Ion:	56	Resp:	3681
Ion	Ratio	Lower	Upper
56	100		
69	152.6	24.5	36.7#
84	92.0	66.0	99.0





#33

1,2-Dichloroethane-d4

Concen: 59.941 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN083209.D

Acq: 10 Aug 2024 15:45

Instrument :

MSVOA_N

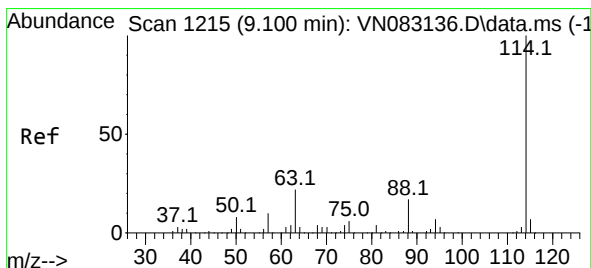
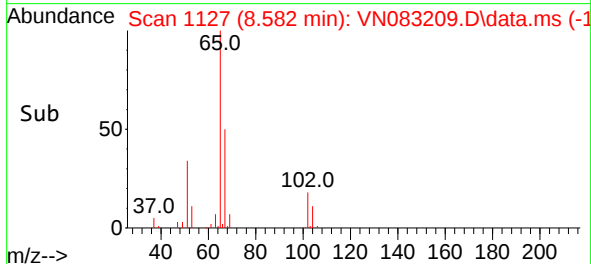
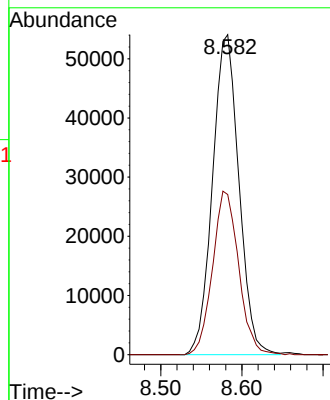
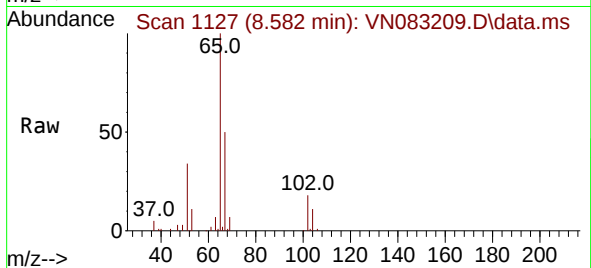
ClientSampleId :

Tgt Ion: 65 Resp: 122121

Ion Ratio Lower Upper

65 100

67 50.5 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: VN083209.D

Acq: 10 Aug 2024 15:45

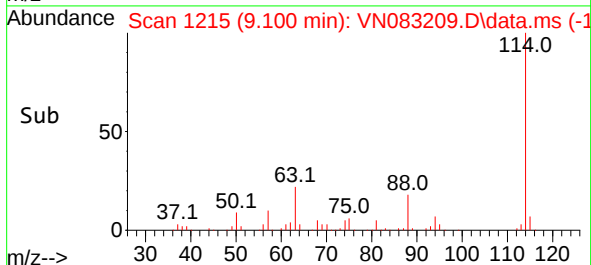
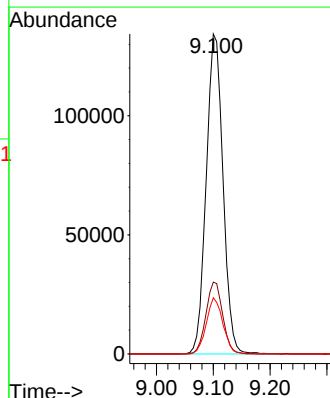
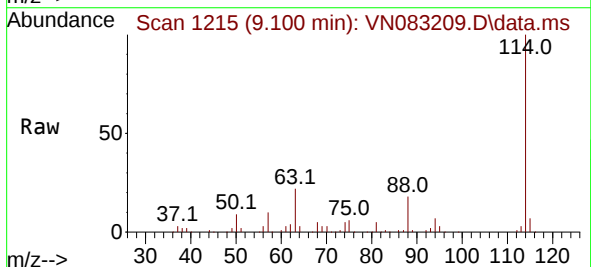
Tgt Ion: 114 Resp: 274986

Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.6

88 17.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 55.368 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083209.D

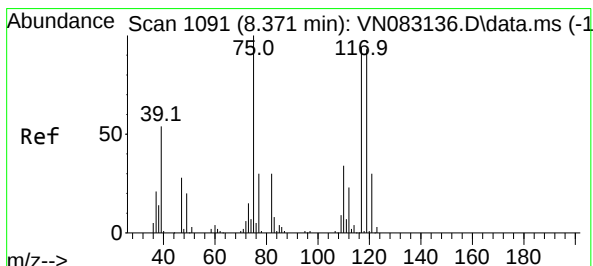
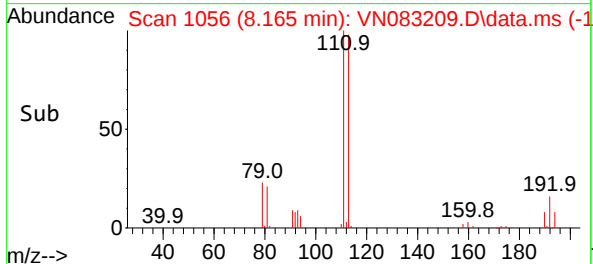
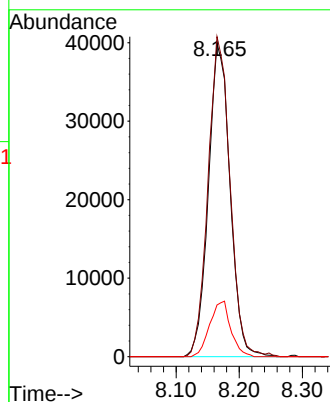
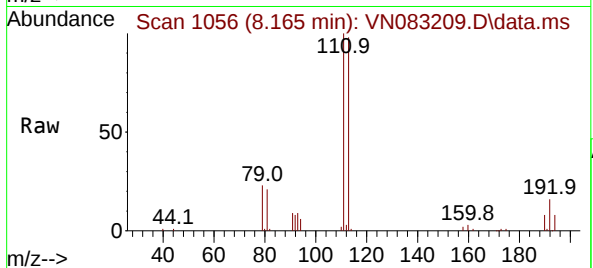
Acq: 10 Aug 2024 15:45

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	113	Resp:	95034
Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.4	123.6
192	17.2	14.9	22.3



#36

1,1-Dichloropropene

Concen: 4.991 ug/l

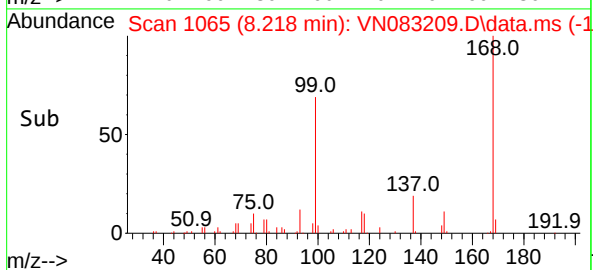
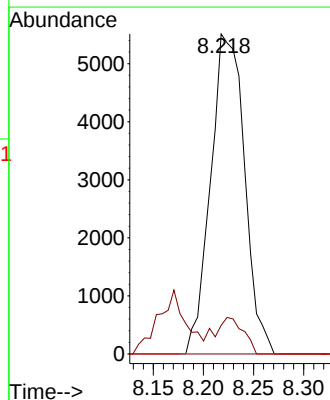
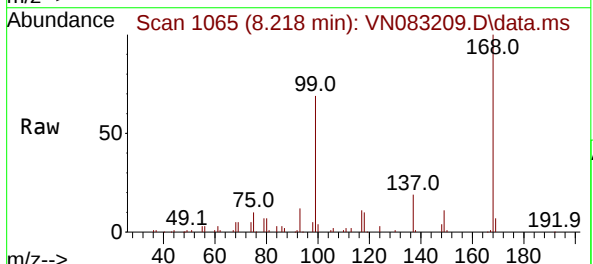
RT: 8.218 min Scan# 1065

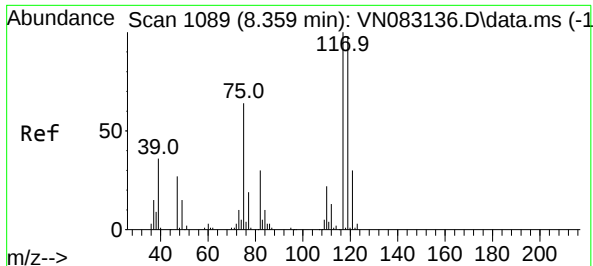
Delta R.T. -0.153 min

Lab File: VN083209.D

Acq: 10 Aug 2024 15:45

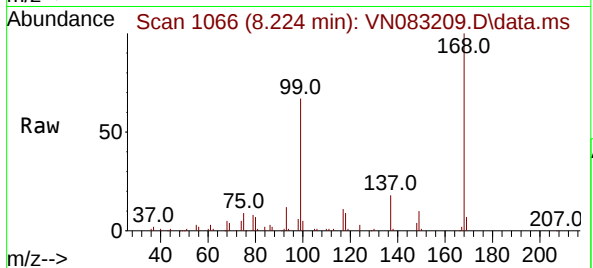
Tgt Ion:	75	Resp:	12960
Ion	Ratio	Lower	Upper
75	100		
110	9.6	16.3	48.9#
77	0.0	24.6	37.0#



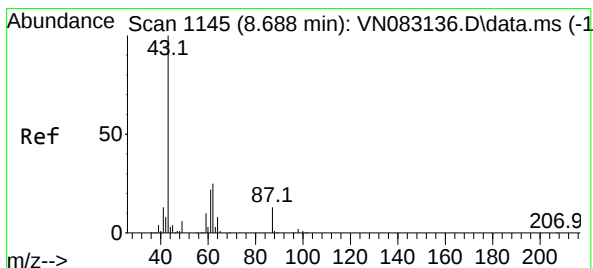
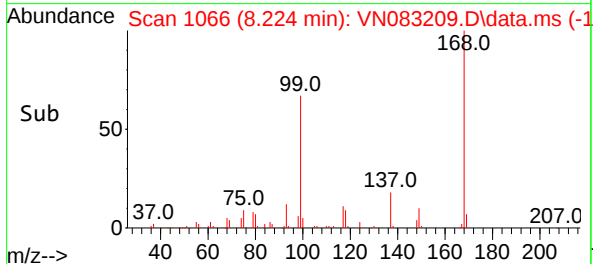
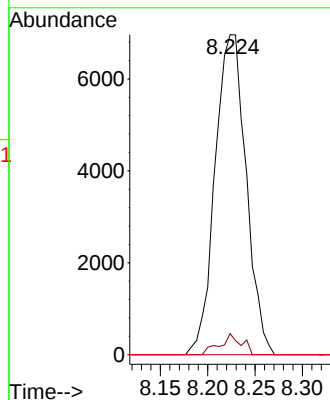


#38
Carbon Tetrachloride
Concen: 5.441 ug/l
RT: 8.224 min Scan# 1150
Delta R.T. -0.135 min
Lab File: VN083209.D
Acq: 10 Aug 2024 15:45

Instrument :
MSVOA_N
ClientSampleId :

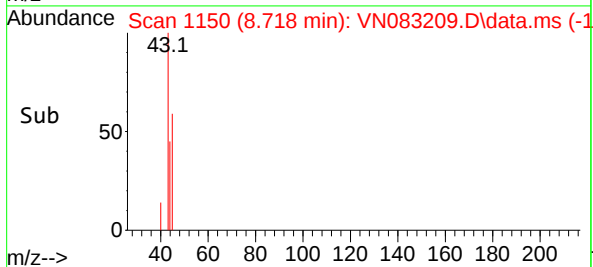
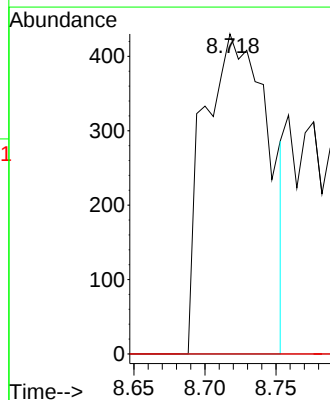
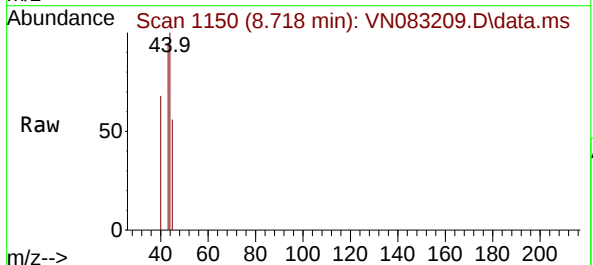


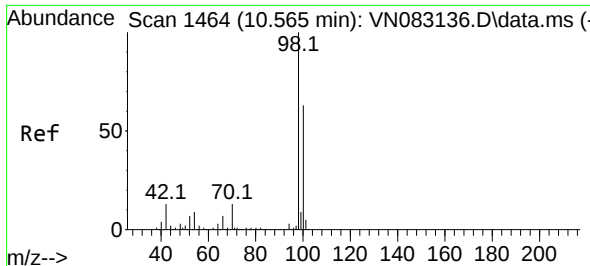
Tgt Ion:117 Resp: 15911
Ion Ratio Lower Upper
117 100
119 6.6 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.718 min Scan# 1150
Delta R.T. 0.030 min
Lab File: VN083209.D
Acq: 10 Aug 2024 15:45

Tgt Ion: 43 Resp: 1353
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

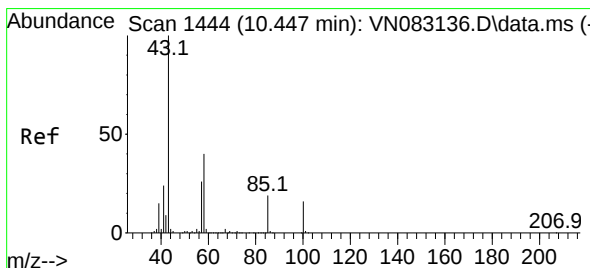
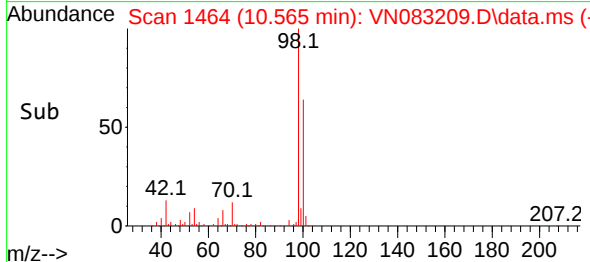
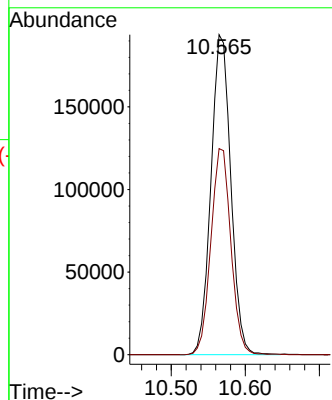
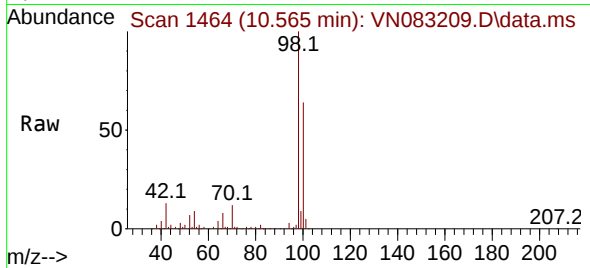




#50
Toluene-d8
Concen: 56.217 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083209.D
Acq: 10 Aug 2024 15:45

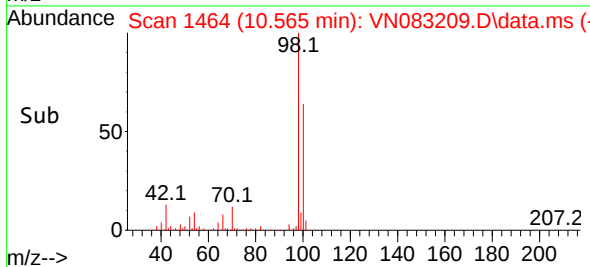
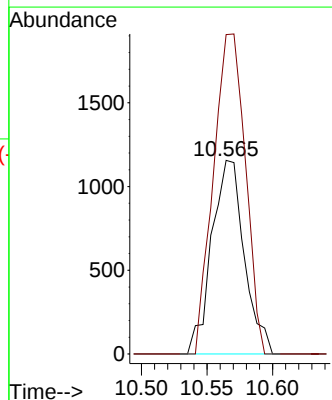
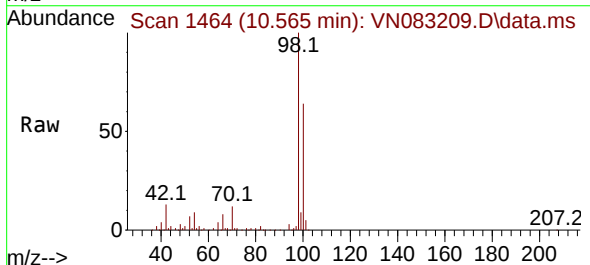
Instrument :
MSVOA_N
ClientSampleId :

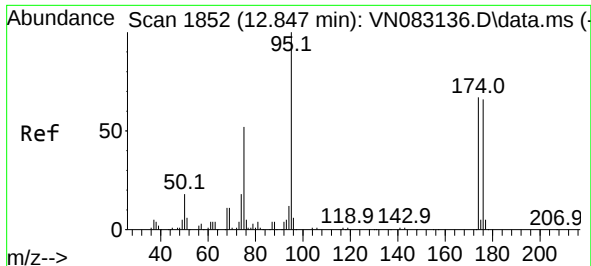
Tgt Ion: 98 Resp: 359932
Ion Ratio Lower Upper
98 100
100 64.9 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.725 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN083209.D
Acq: 10 Aug 2024 15:45

Tgt Ion: 43 Resp: 1993
Ion Ratio Lower Upper
43 100
58 162.4 28.2 42.4#

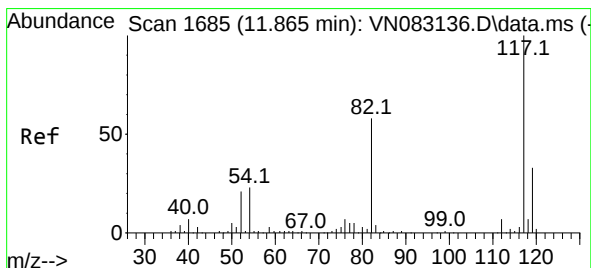
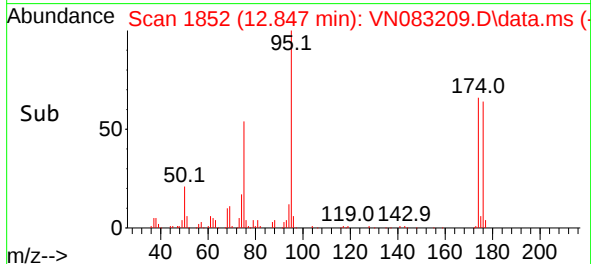
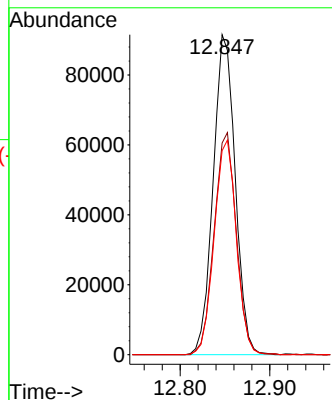
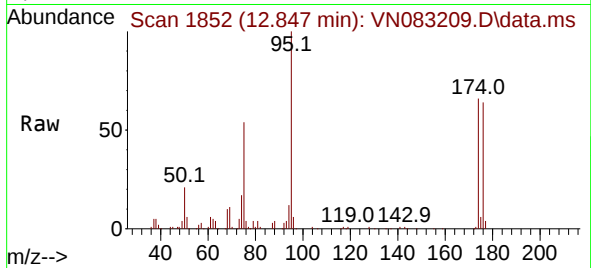




#62
4-Bromofluorobenzene
Concen: 62.550 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083209.D
Acq: 10 Aug 2024 15:45

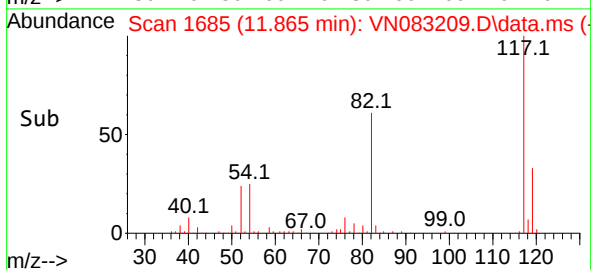
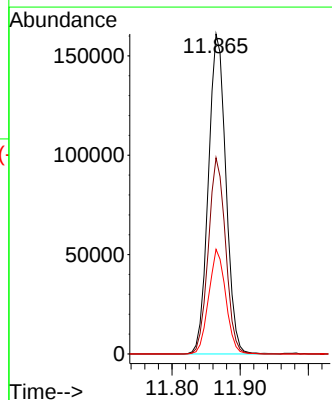
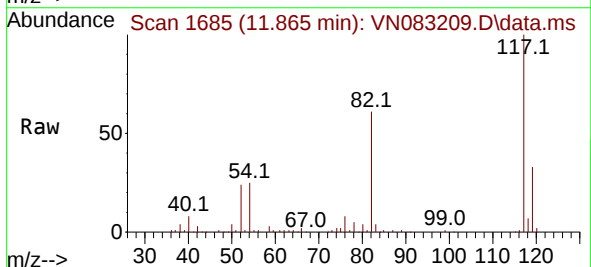
Instrument :
MSVOA_N
ClientSampleId :

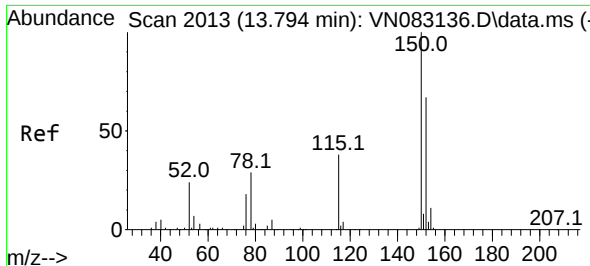
Tgt Ion: 95 Resp: 156131
Ion Ratio Lower Upper
95 100
174 69.7 0.0 159.2
176 67.6 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083209.D
Acq: 10 Aug 2024 15:45

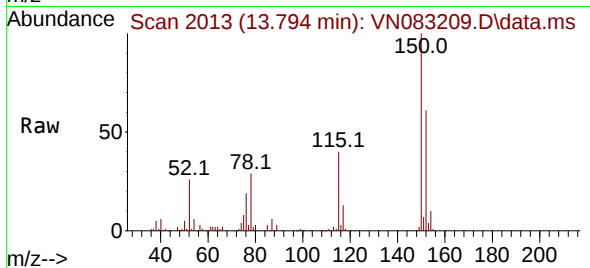
Tgt Ion: 117 Resp: 287714
Ion Ratio Lower Upper
117 100
82 61.3 47.5 71.3
119 32.7 25.6 38.4



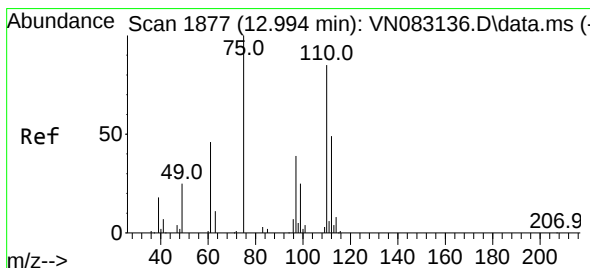
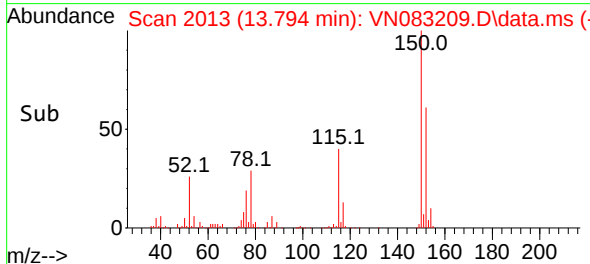
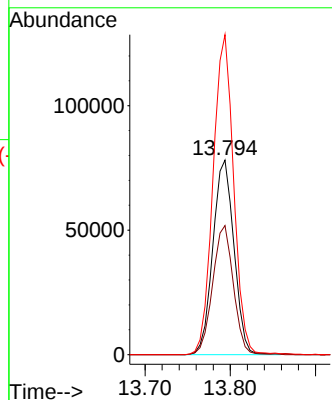


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN083209.D
Acq: 10 Aug 2024 15:45

Instrument :
MSVOA_N
ClientSampleId :

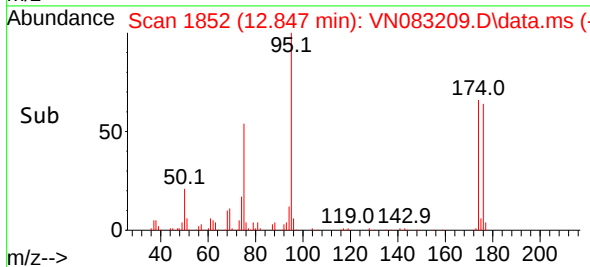
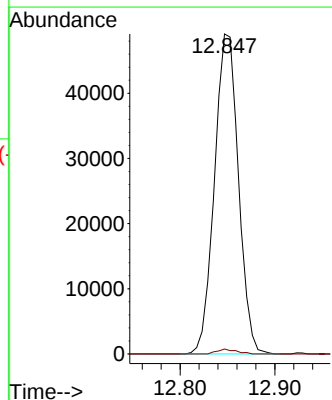
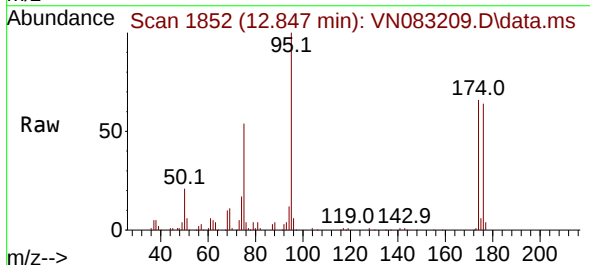


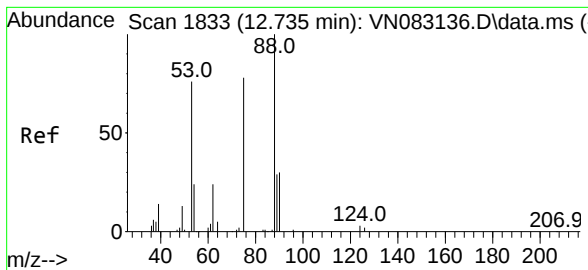
Tgt Ion:152 Resp: 134488
Ion Ratio Lower Upper
152 100
115 65.1 30.6 91.6
150 160.6 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 29.233 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083209.D
Acq: 10 Aug 2024 15:45

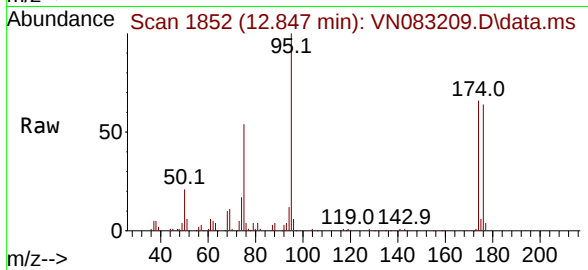
Tgt Ion: 75 Resp: 86286
Ion Ratio Lower Upper
75 100
77 1.2 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.589 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083209.D
 Acq: 10 Aug 2024 15:45

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	88.4	132.6#
89	0.1	36.3	54.5#

