

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081024\
 Data File : VN083207.D
 Acq On : 10 Aug 2024 14:57
 Operator : JC\MD
 Sample : P3476-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 12 01:52:03 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)

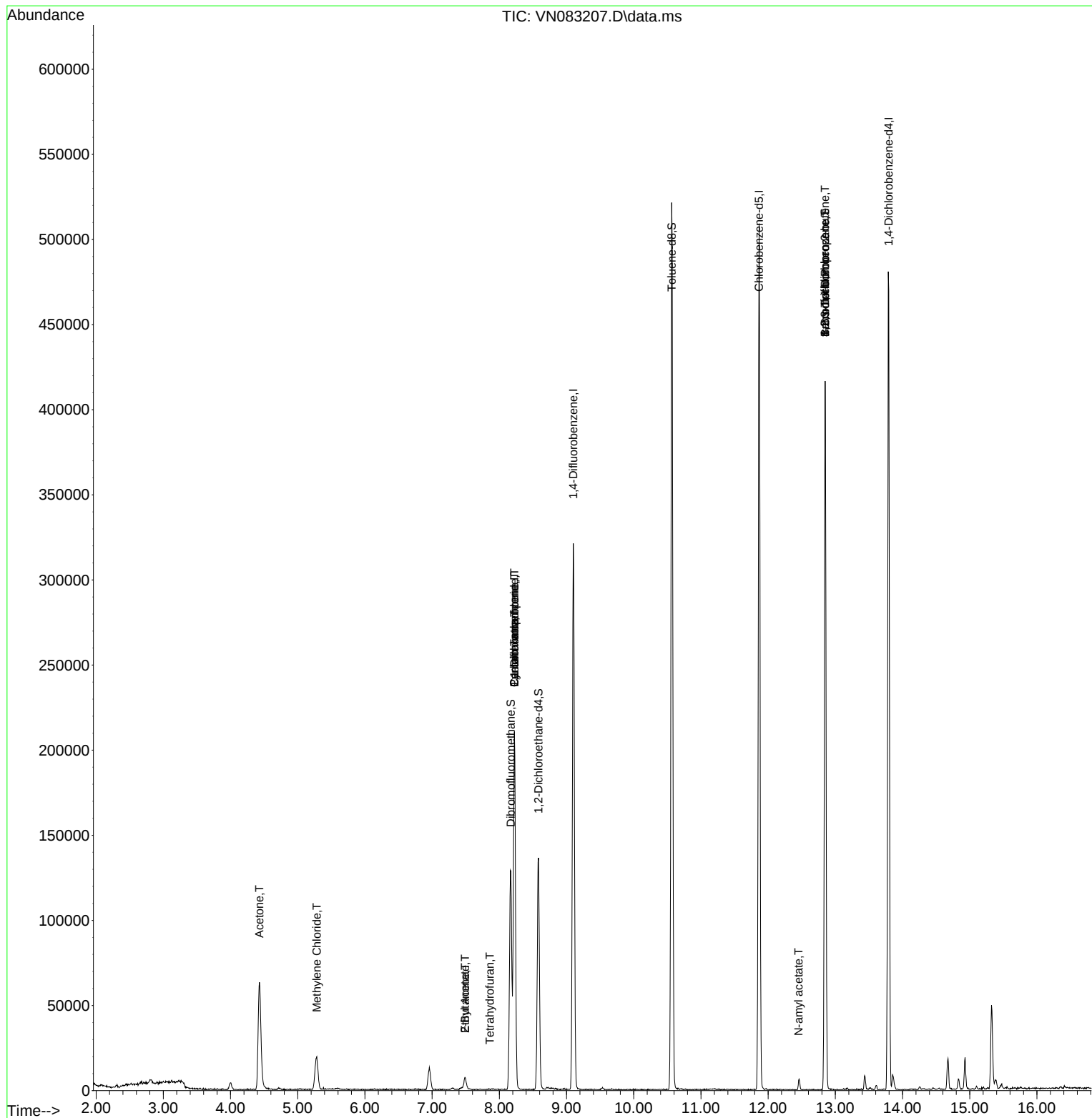
Internal Standards						
1) Pentafluorobenzene	8.224	168	142771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	269287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	277204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	125979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	118331	58.228	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 116.460%	
35) Dibromofluoromethane	8.171	113	94389	56.156	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.320%	
50) Toluene-d8	10.565	98	352974	56.297	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 112.600%	
62) 4-Bromofluorobenzene	12.847	95	148588	60.788	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 121.580%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	122304	153.805	ug/l	99
20) Methylene Chloride	5.283	84	15203	8.307	ug/l #	78
25) 2-Butanone	7.489	43	12725	10.422	ug/l	92
29) Tetrahydrofuran	7.859	42	190	0.241	ug/l #	38
31) Cyclohexane	8.224	56	3707	1.231	ug/l #	11
36) 1,1-Dichloropropene	8.224	75	13324	5.240	ug/l #	51
37) Ethyl Acetate	7.489	43	12725	4.470	ug/l #	72
38) Carbon Tetrachloride	8.224	117	16313	5.696	ug/l #	17
43) Isopropyl Acetate	8.706	43	611	Below Cal	#	60
71) Bromoform	12.847	173	714	0.436	ug/l #	29
74) N-amyl acetate	12.453	43	4370	0.848	ug/l #	48
76) 1,2,3-Trichloropropane	12.847	75	81298	29.403	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	81298	63.959	ug/l #	6

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

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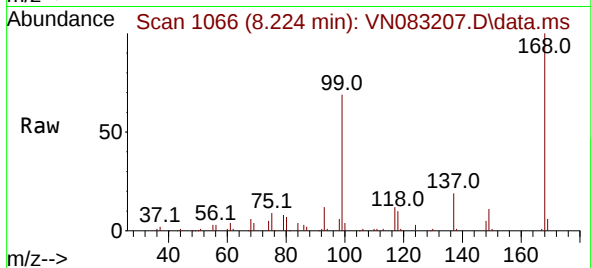
Quant Time: Aug 12 01:52:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
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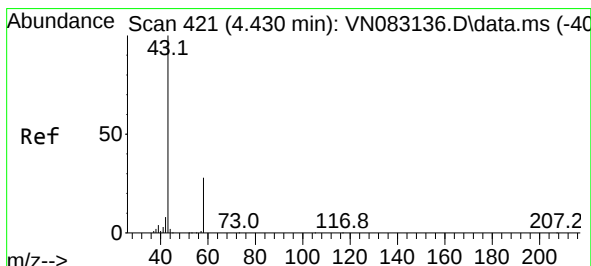
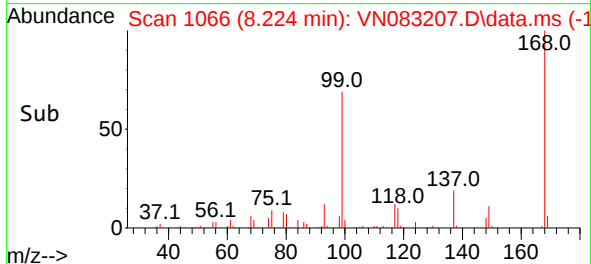
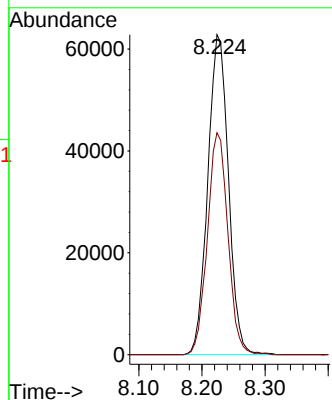


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083207.D
Acq: 10 Aug 2024 14:57

Instrument :
MSVOA_N
ClientSampleId :

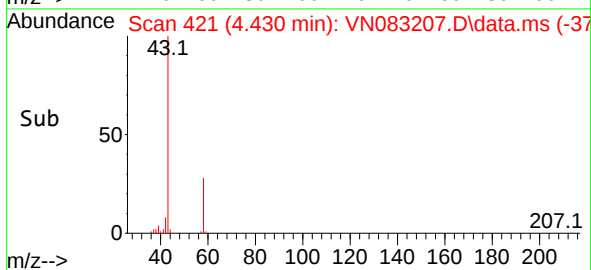
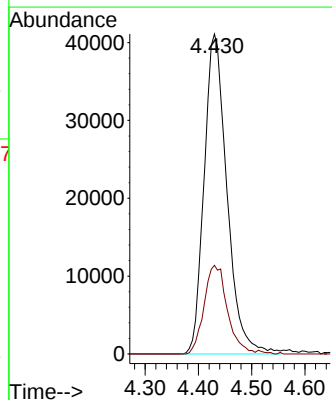
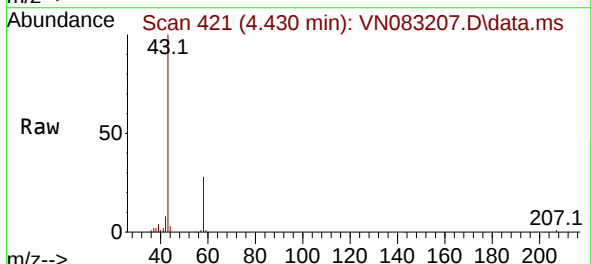


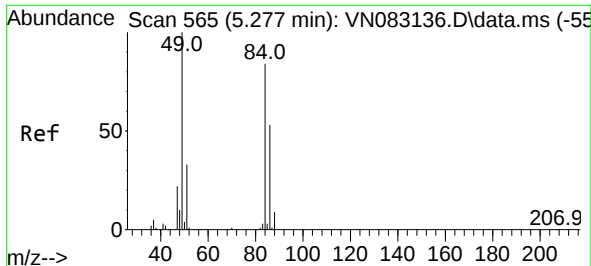
Tgt Ion:168 Resp: 142771
Ion Ratio Lower Upper
168 100
99 69.4 48.2 72.4



#16
Acetone
Concen: 153.805 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN083207.D
Acq: 10 Aug 2024 14:57

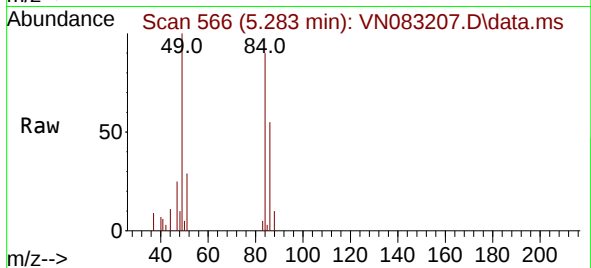
Tgt Ion: 43 Resp: 122304
Ion Ratio Lower Upper
43 100
58 27.7 21.8 32.6



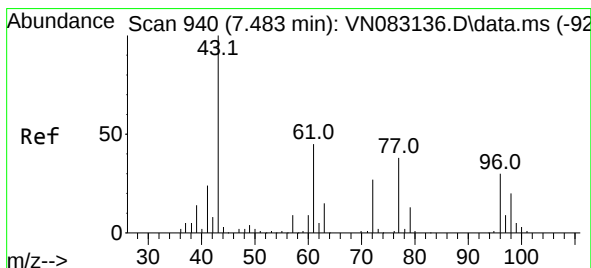
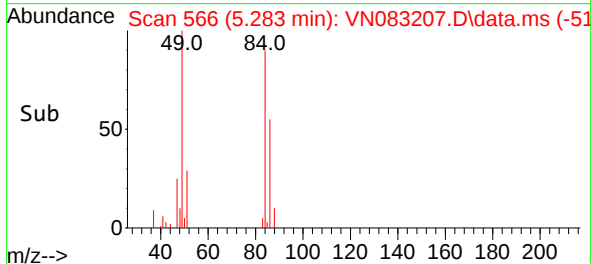
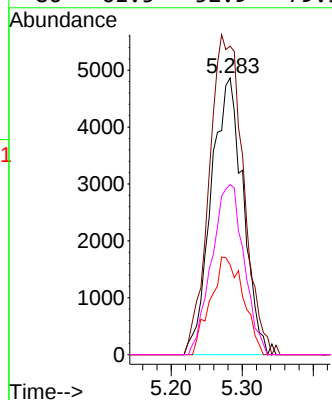


#20
Methylene Chloride
Concen: 8.307 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083207.D
Acq: 10 Aug 2024 14:57

Instrument :
MSVOA_N
ClientSampleId :

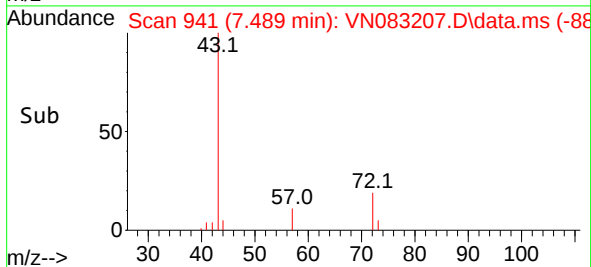
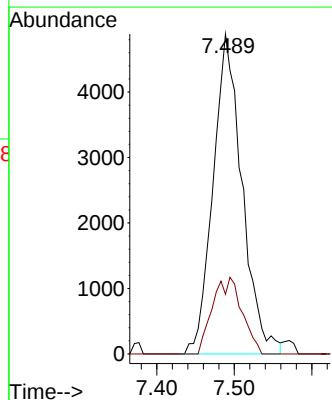
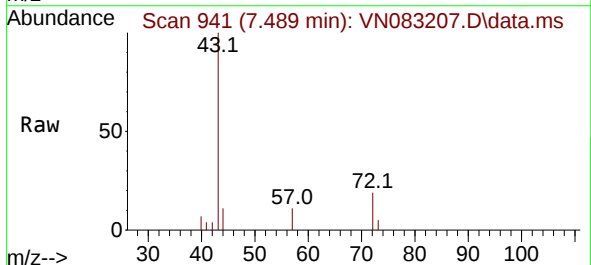


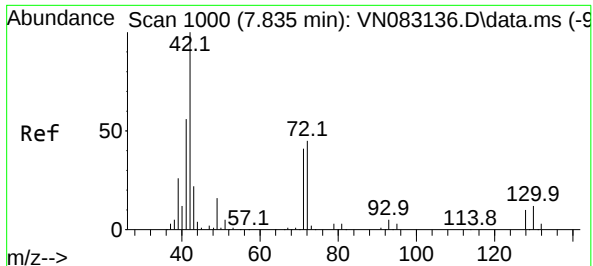
Tgt Ion: 84 Resp: 15203
Ion Ratio Lower Upper
84 100
49 111.5 119.6 179.4#
51 32.5 34.8 52.2#
86 61.5 52.9 79.3



#25
2-Butanone
Concen: 10.422 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083207.D
Acq: 10 Aug 2024 14:57

Tgt Ion: 43 Resp: 12725
Ion Ratio Lower Upper
43 100
72 18.7 18.2 27.2





#29

Tetrahydrofuran

Concen: 0.241 ug/l

RT: 7.859 min Scan# 1066

Delta R.T. 0.024 min

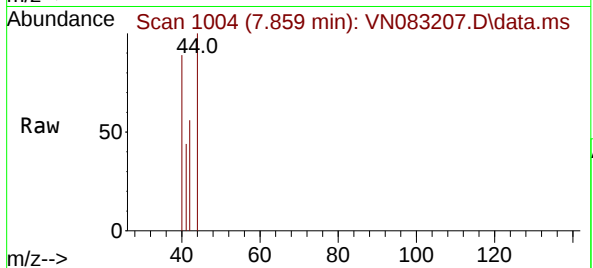
Lab File: VN083207.D

Acq: 10 Aug 2024 14:57

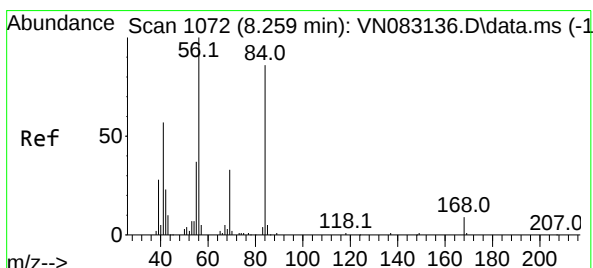
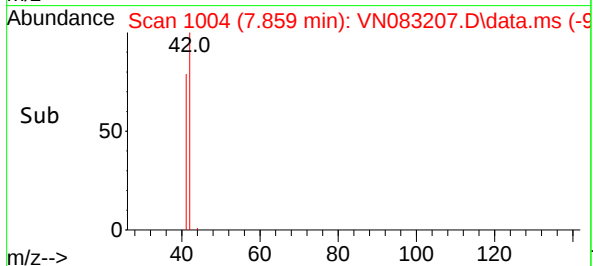
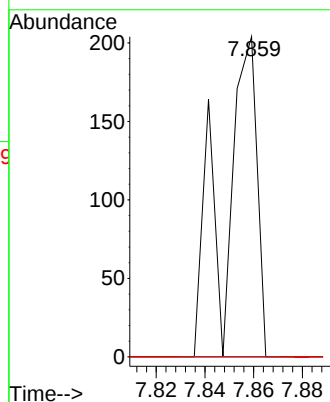
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	190
Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.0	45.0#
71	0.0	28.3	42.5#



#31

Cyclohexane

Concen: 1.231 ug/l

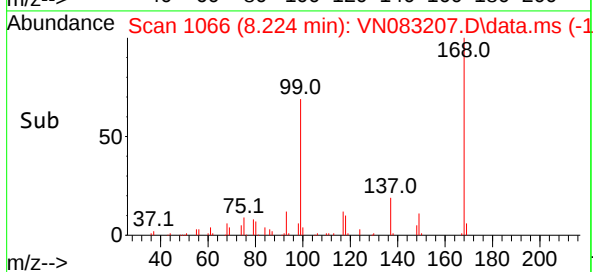
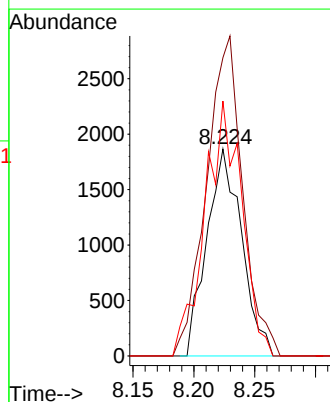
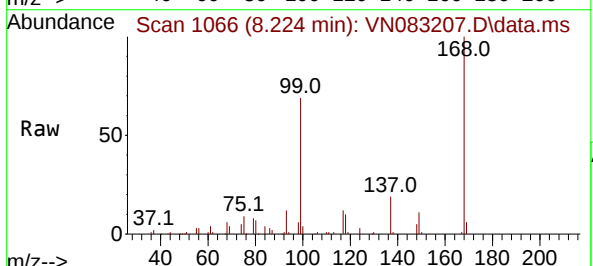
RT: 8.224 min Scan# 1066

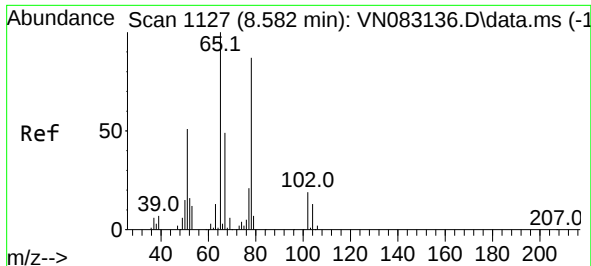
Delta R.T. -0.035 min

Lab File: VN083207.D

Acq: 10 Aug 2024 14:57

Tgt Ion:	56	Resp:	3707
Ion	Ratio	Lower	Upper
56	100		
69	144.2	24.5	36.7#
84	123.3	66.0	99.0#





#33

1,2-Dichloroethane-d4

Concen: 58.228 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN083207.D

Acq: 10 Aug 2024 14:57

Instrument :

MSVOA_N

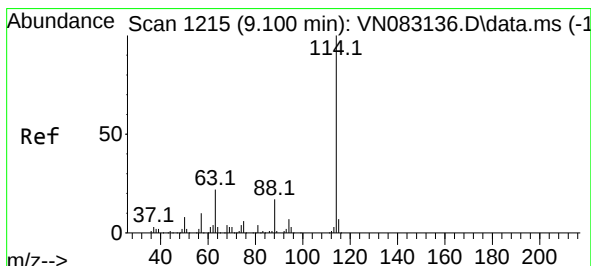
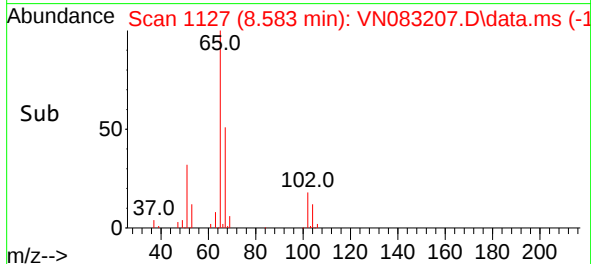
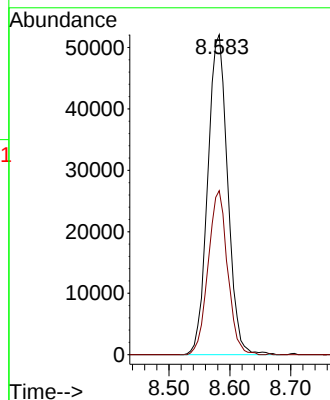
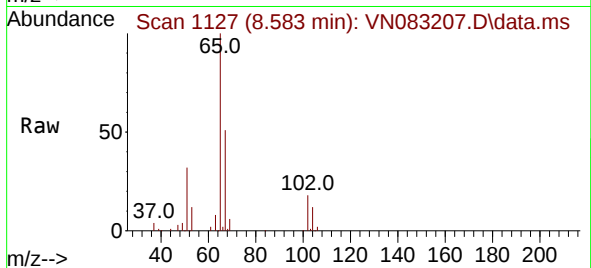
ClientSampleId :

Tgt Ion: 65 Resp: 118331

Ion Ratio Lower Upper

65 100

67 50.0 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: VN083207.D

Acq: 10 Aug 2024 14:57

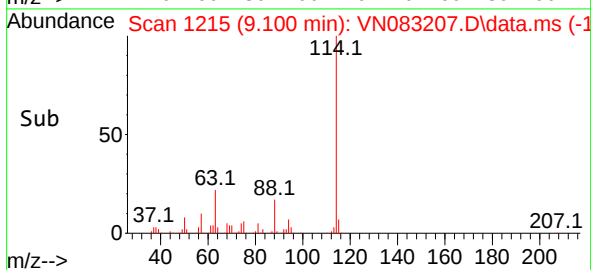
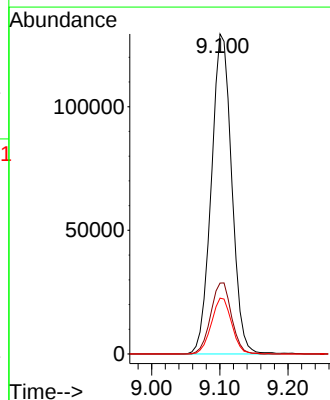
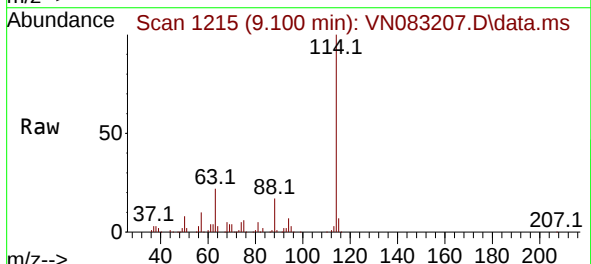
Tgt Ion: 114 Resp: 269287

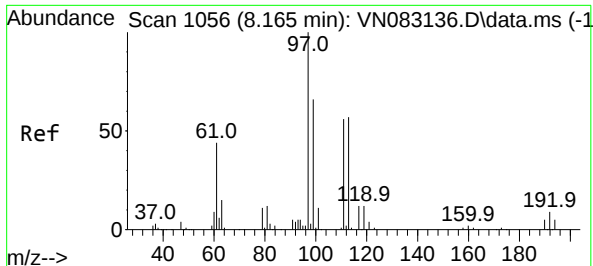
Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.6

88 17.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 56.156 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083207.D

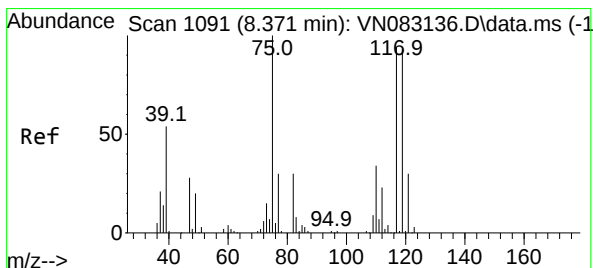
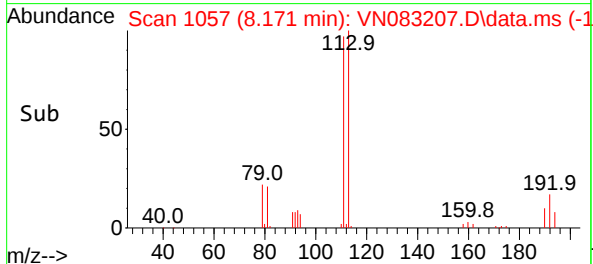
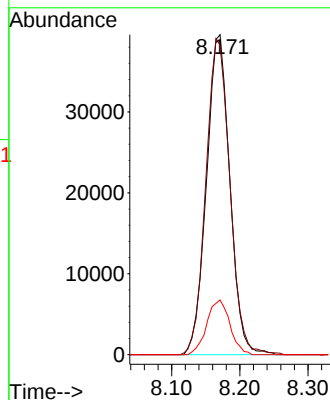
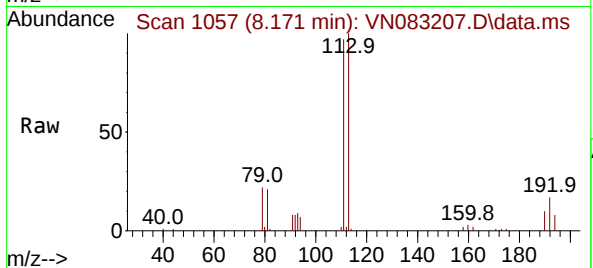
Acq: 10 Aug 2024 14:57

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:113	Resp:	94389
Ion	Ratio	Lower Upper
113	100	
111	101.1	82.4 123.6
192	16.9	14.9 22.3



#36

1,1-Dichloropropene

Concen: 5.240 ug/l

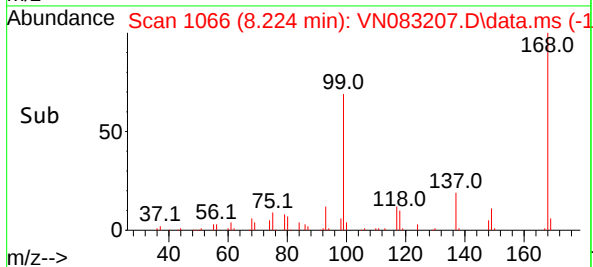
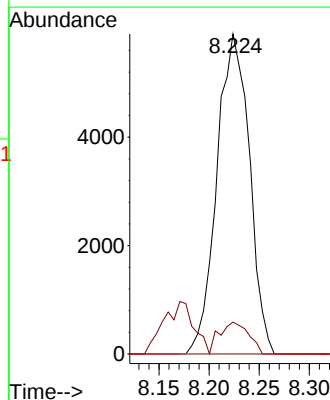
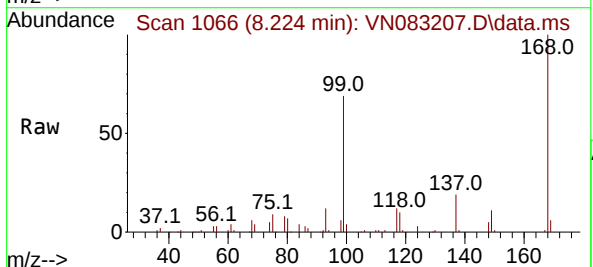
RT: 8.224 min Scan# 1066

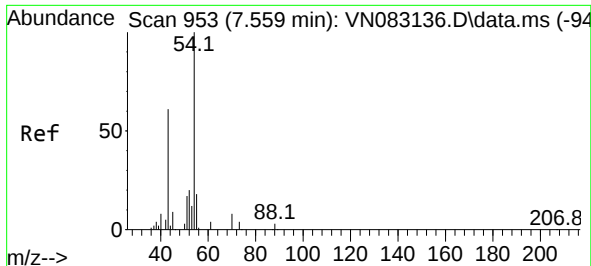
Delta R.T. -0.147 min

Lab File: VN083207.D

Acq: 10 Aug 2024 14:57

Tgt Ion: 75	Resp:	13324
Ion	Ratio	Lower Upper
75	100	
110	8.9	16.3 48.9#
77	0.0	24.6 37.0#





#37

Ethyl Acetate

Concen: 4.470 ug/l

RT: 7.489 min Scan# 941

Delta R.T. -0.070 min

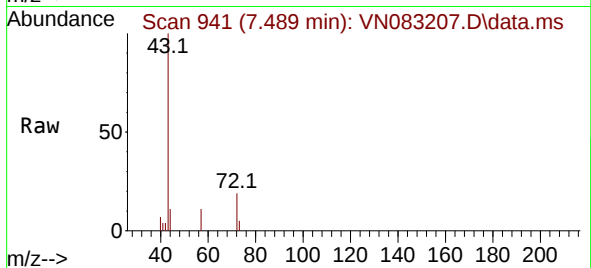
Lab File: VN083207.D

Acq: 10 Aug 2024 14:57

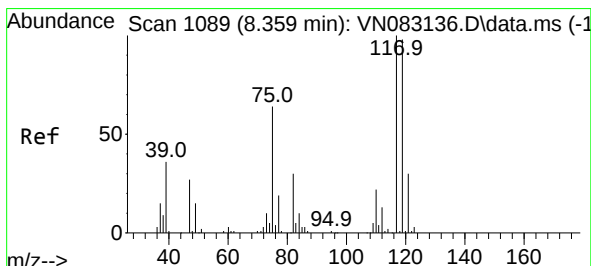
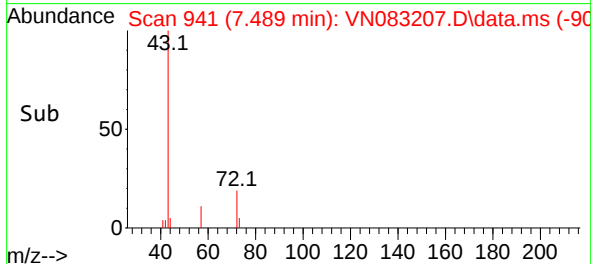
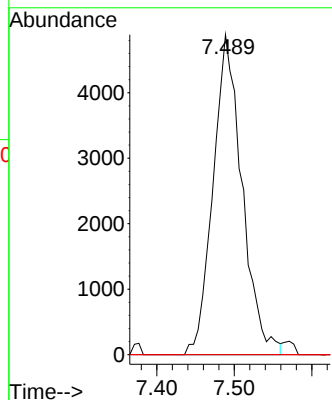
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	43	Resp:	12725
Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.3	13.9#
70	0.0	7.0	10.6#



#38

Carbon Tetrachloride

Concen: 5.696 ug/l

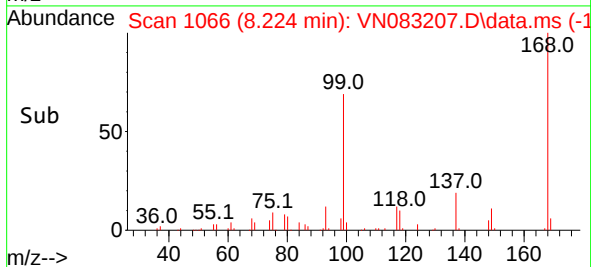
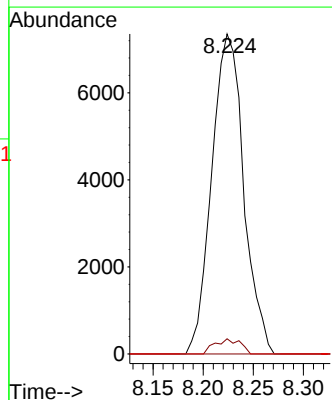
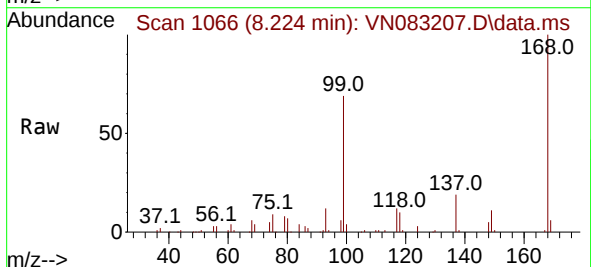
RT: 8.224 min Scan# 1066

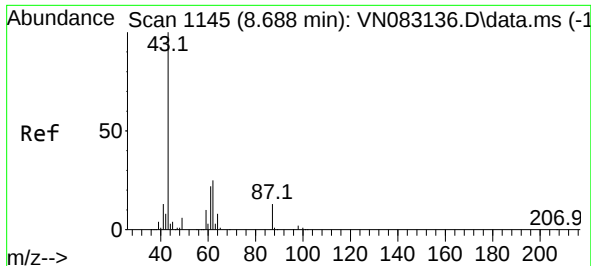
Delta R.T. -0.135 min

Lab File: VN083207.D

Acq: 10 Aug 2024 14:57

Tgt Ion:	117	Resp:	16313
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: 8.706 min Scan# 1145

Delta R.T. 0.018 min

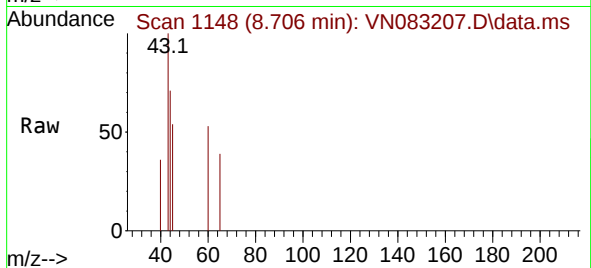
Lab File: VN083207.D

Acq: 10 Aug 2024 14:57

Instrument :

MSVOA_N

ClientSampleId :



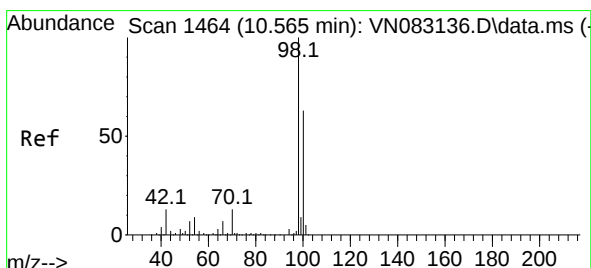
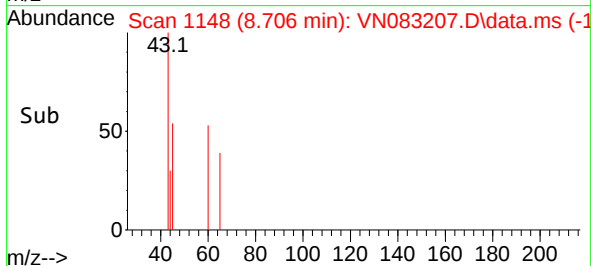
Tgt Ion: 43 Resp: 611

Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#



#50

Toluene-d8

Concen: 56.297 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083207.D

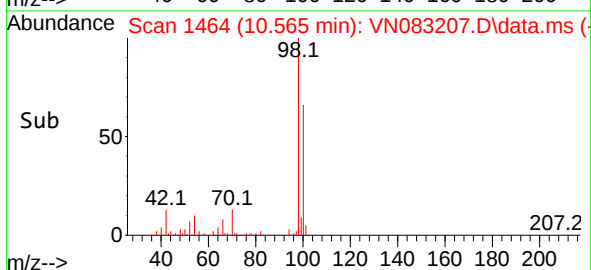
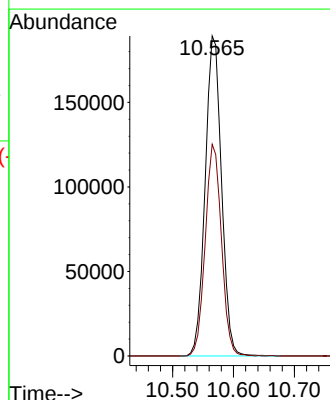
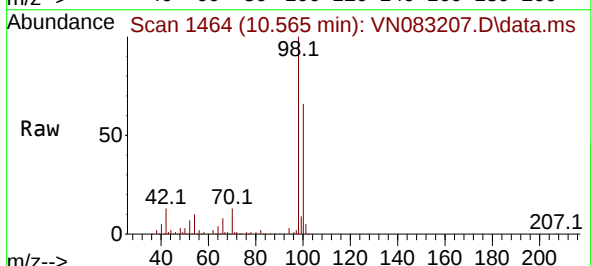
Acq: 10 Aug 2024 14:57

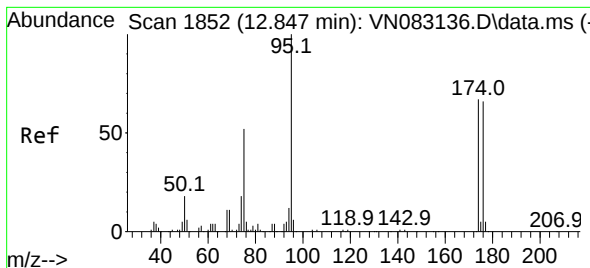
Tgt Ion: 98 Resp: 352974

Ion Ratio Lower Upper

98 100

100 65.5 51.5 77.3

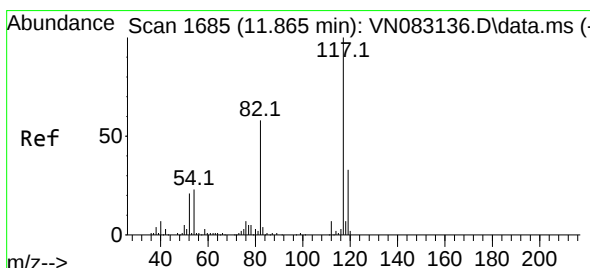
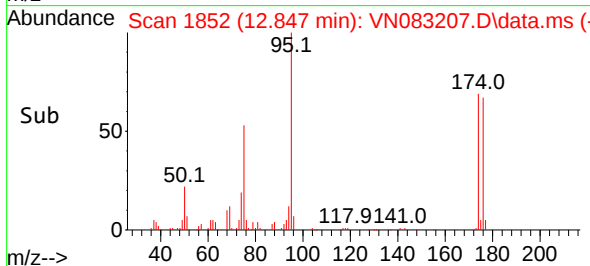
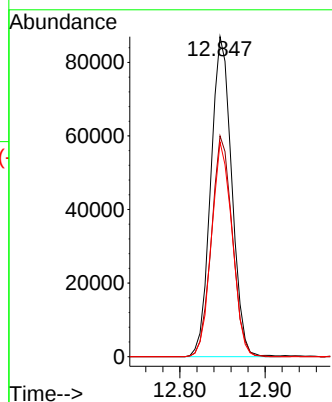
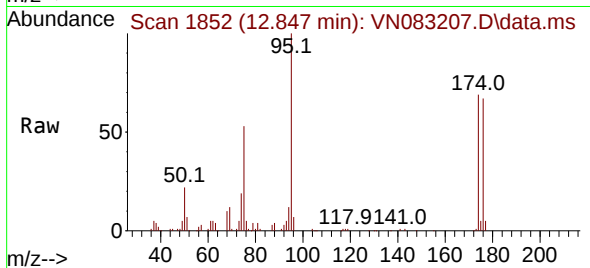




#62
4-Bromofluorobenzene
Concen: 60.788 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083207.D
Acq: 10 Aug 2024 14:57

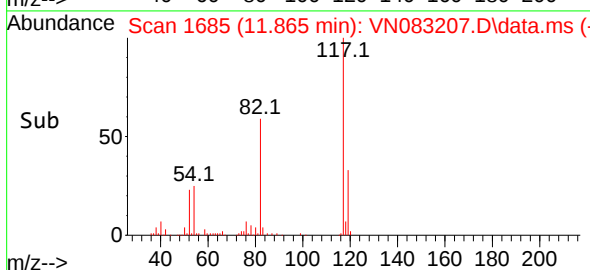
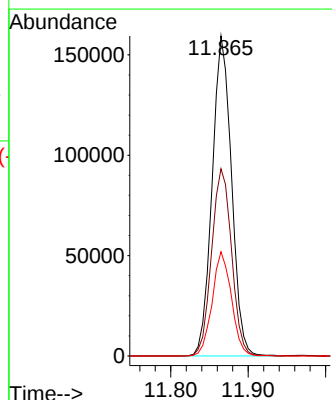
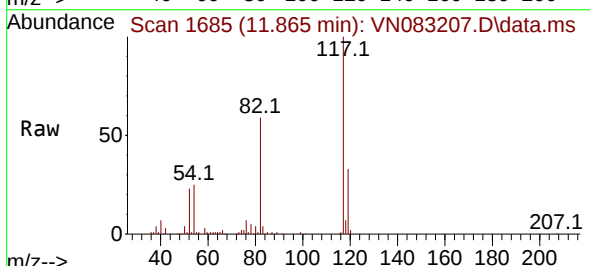
Instrument :
MSVOA_N
ClientSampleId :

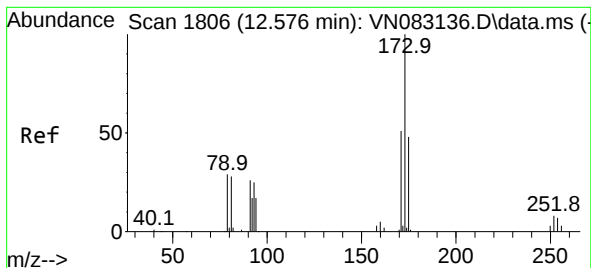
Tgt Ion: 95 Resp: 148588
Ion Ratio Lower Upper
95 100
174 68.8 0.0 159.2
176 66.3 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083207.D
Acq: 10 Aug 2024 14:57

Tgt Ion: 117 Resp: 277204
Ion Ratio Lower Upper
117 100
82 58.5 47.5 71.3
119 32.6 25.6 38.4





#71

Bromoform

Concen: 0.436 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.271 min

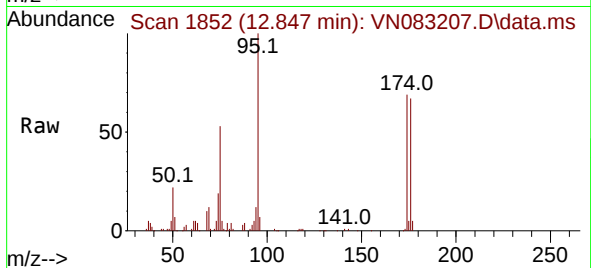
Lab File: VN083207.D

Acq: 10 Aug 2024 14:57

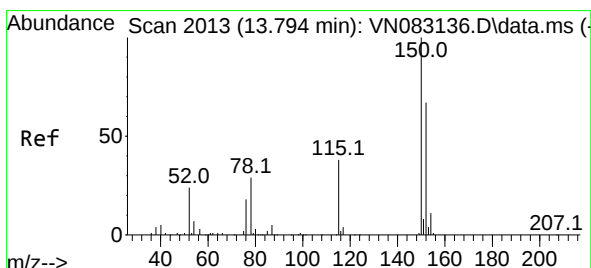
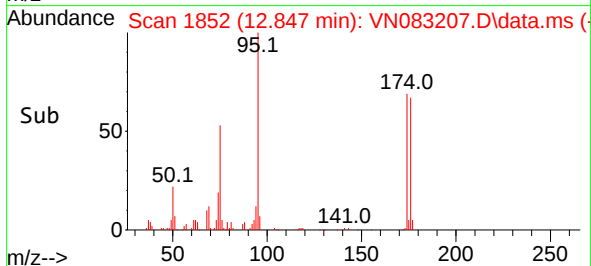
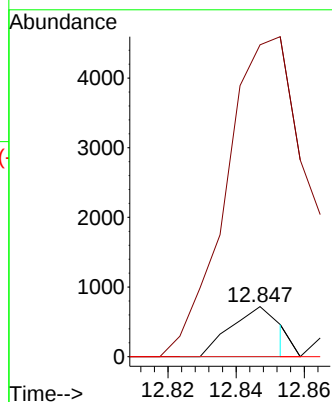
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:173	Resp:	714
Ion Ratio	Lower	Upper
173	100	
175	0.0	24.0
254	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

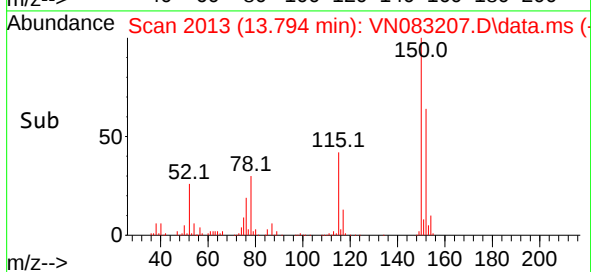
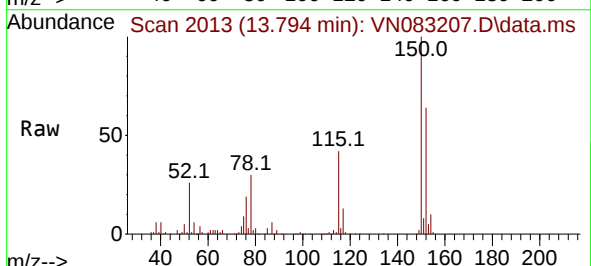
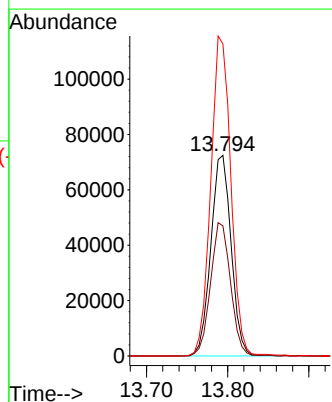
RT: 13.794 min Scan# 2013

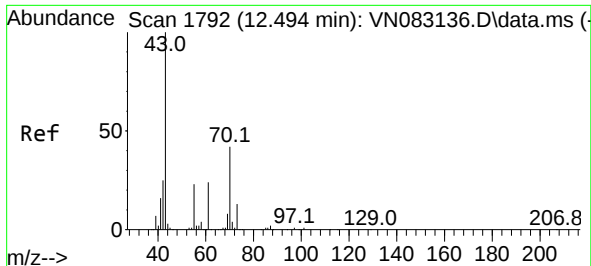
Delta R.T. 0.000 min

Lab File: VN083207.D

Acq: 10 Aug 2024 14:57

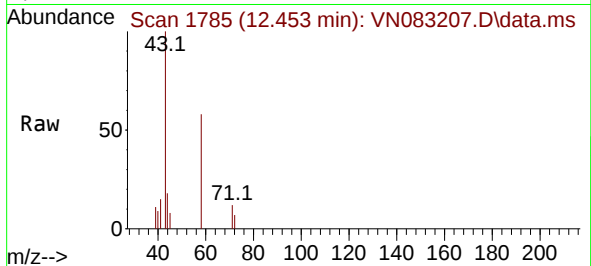
Tgt Ion:152	Resp:	125979
Ion Ratio	Lower	Upper
152	100	
115	65.3	30.6
150	158.0	0.0



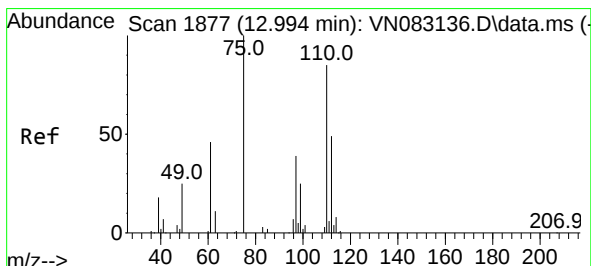
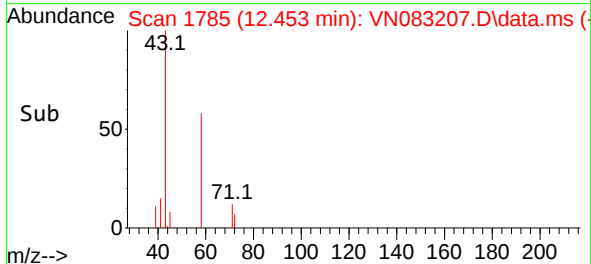
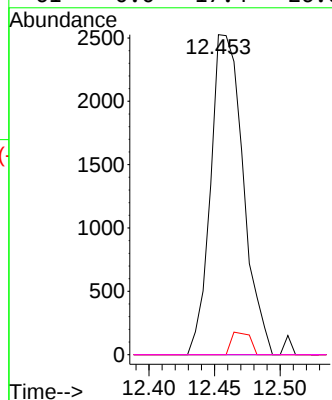


#74
N-amy1 acetate
Concen: 0.848 ug/l
RT: 12.453 min Scan# 1
Delta R.T. -0.041 min
Lab File: VN083207.D
Acq: 10 Aug 2024 14:57

Instrument :
MSVOA_N
ClientSampleId :

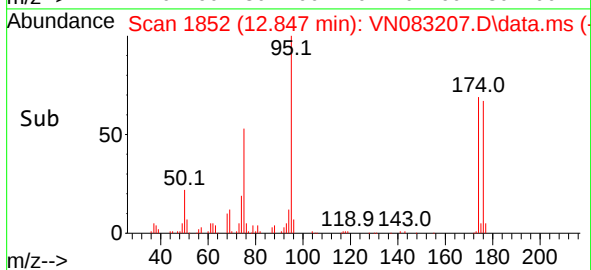
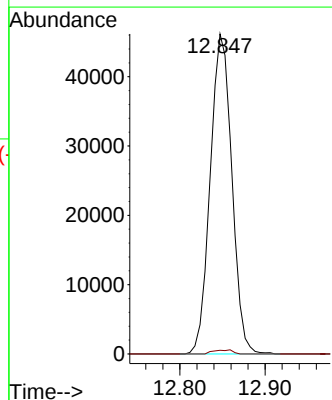
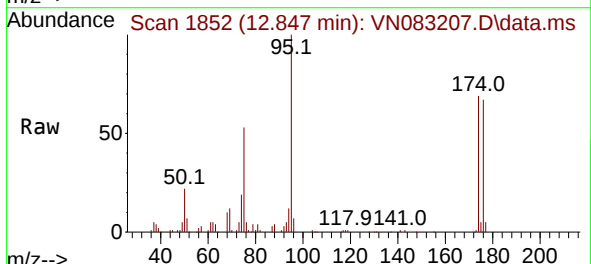


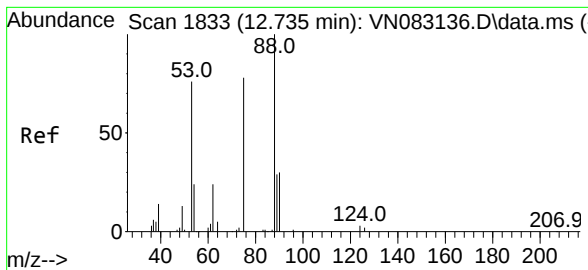
Tgt Ion: 43	Resp: 4370
Ion Ratio	Lower Upper
43 100	
70 0.0	29.8 44.6#
55 4.0	18.7 28.1#
61 0.0	17.4 26.0#



#76
1,2,3-Trichloropropane
Concen: 29.403 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083207.D
Acq: 10 Aug 2024 14:57

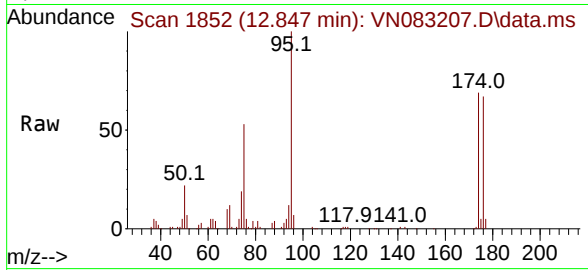
Tgt Ion: 75	Resp: 81298
Ion Ratio	Lower Upper
75 100	
77 1.1	110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.959 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083207.D
 Acq: 10 Aug 2024 14:57

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 81298
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.4 132.6#
 89 0.0 36.3 54.5#

