

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082825\
 Data File : VN087684.D
 Acq On : 28 Aug 2025 14:47
 Operator : JC\MD
 Sample : Q2959-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NWB-2201

Quant Time: Aug 29 03:18:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

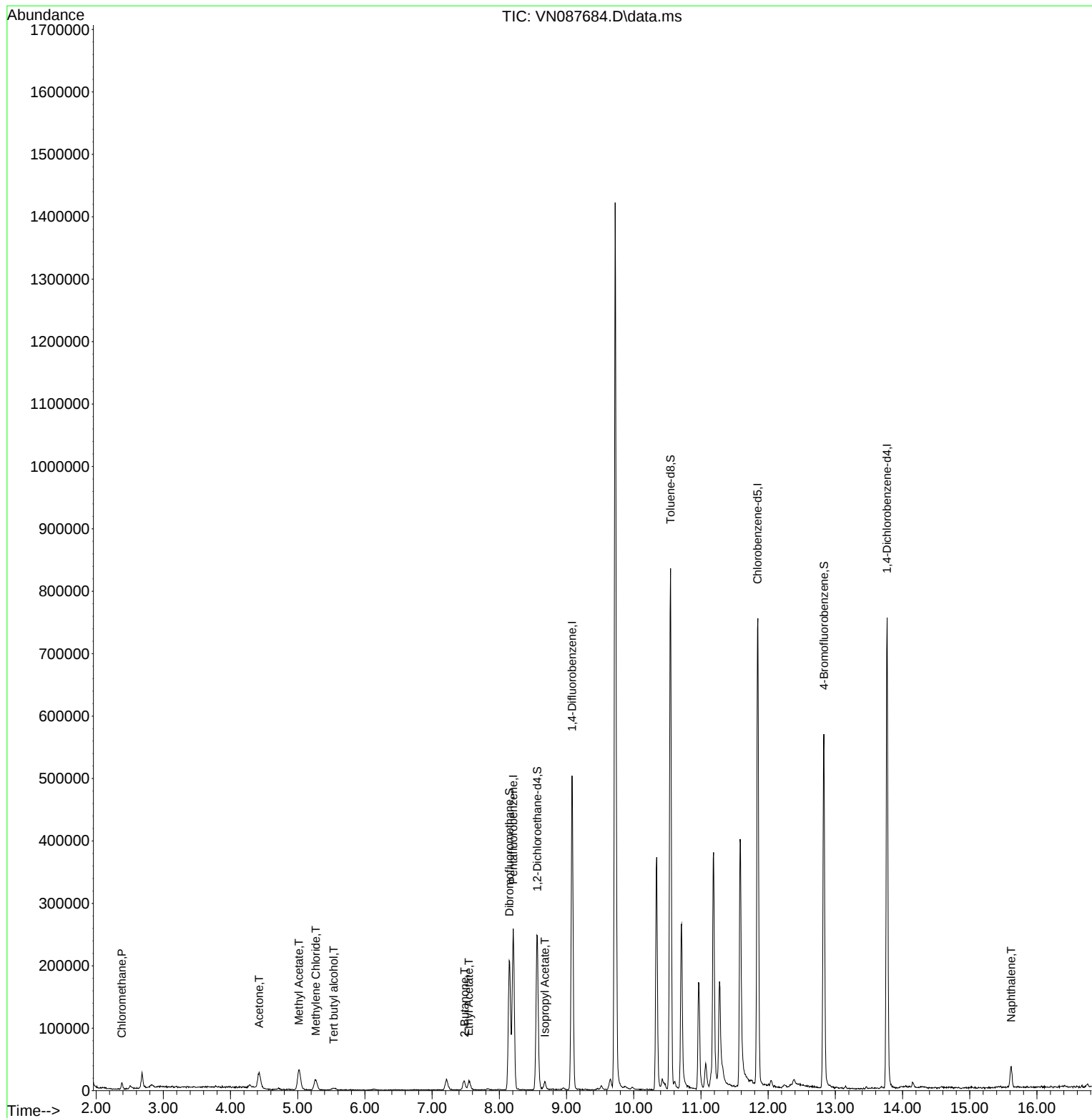
Internal Standards						
1) Pentafluorobenzene	8.206	168	164252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	403289	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	405235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	191075	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	204739	60.838	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 121.680%		
35) Dibromofluoromethane	8.147	113	149835	51.459	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.920%		
50) Toluene-d8	10.547	98	543753	49.894	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 99.780%		
62) 4-Bromofluorobenzene	12.829	95	193027	49.804	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 99.600%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.383	50	10022	4.180	ug/l	100
11) Tert butyl alcohol	5.536	59	4691	8.029	ug/l #	83
16) Acetone	4.424	43	50155	27.377	ug/l	99
18) Methyl Acetate	5.018	43	71387	18.611	ug/l	98
20) Methylene Chloride	5.271	84	12844	3.697	ug/l	93
25) 2-Butanone	7.483	43	25165	10.441	ug/l	95
37) Ethyl Acetate	7.547	43	25073	4.108	ug/l	97
43) Isopropyl Acetate	8.677	43	15237	1.599	ug/l	93
95) Naphthalene	15.617	128	30316	2.096	ug/l #	95

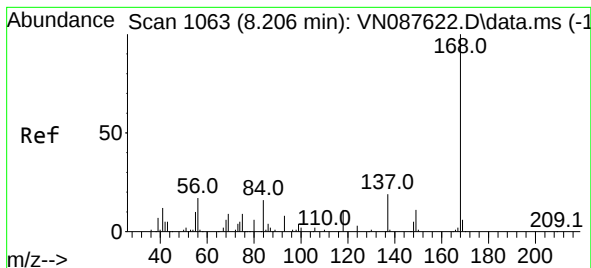
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
NWB-2201

Quant Time: Aug 29 03:18:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

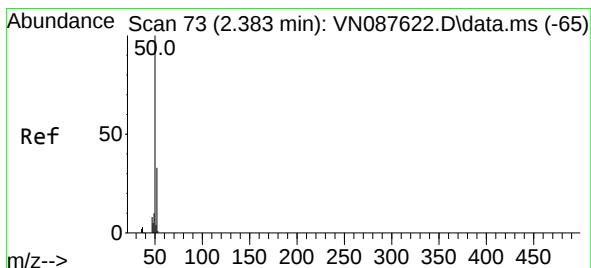
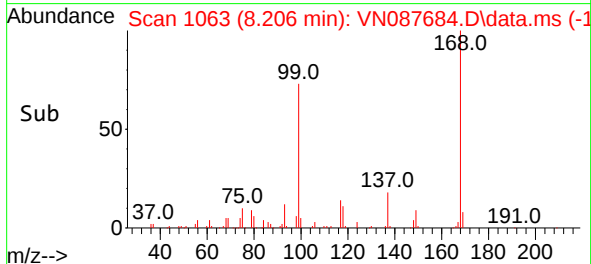
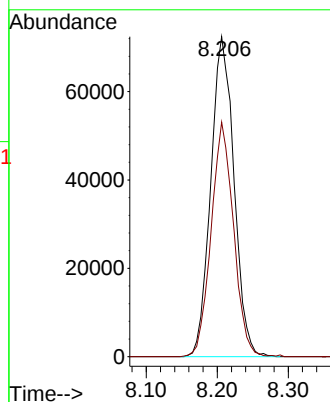
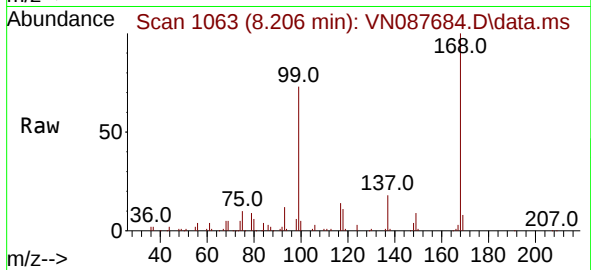




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087684.D
Acq: 28 Aug 2025 14:47

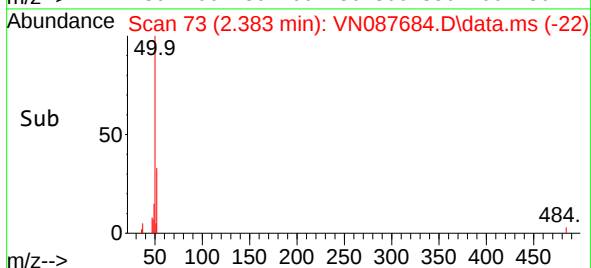
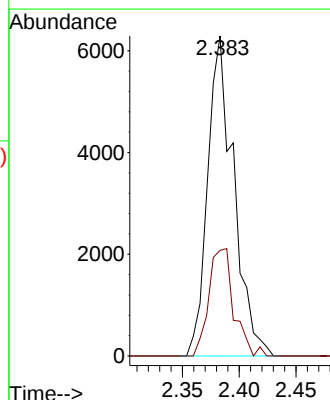
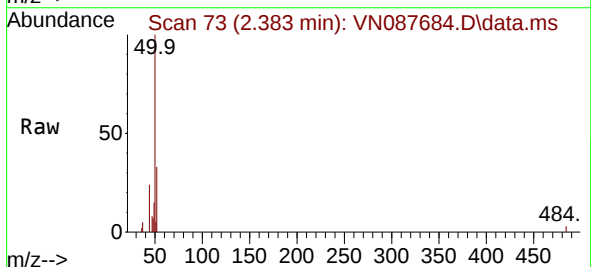
Instrument :
MSVOA_N
ClientSampleId :
NWB-2201

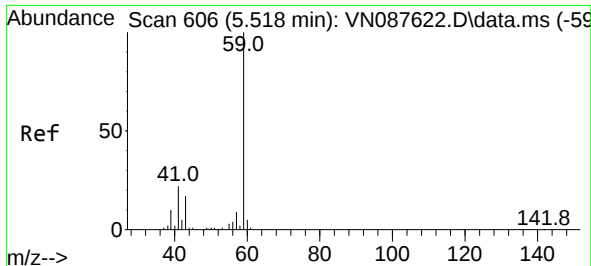
Tgt Ion:168 Resp: 164252
Ion Ratio Lower Upper
168 100
99 73.3 57.2 85.8



#3
Chloromethane
Concen: 4.180 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN087684.D
Acq: 28 Aug 2025 14:47

Tgt Ion: 50 Resp: 10022
Ion Ratio Lower Upper
50 100
52 33.0 26.2 39.4

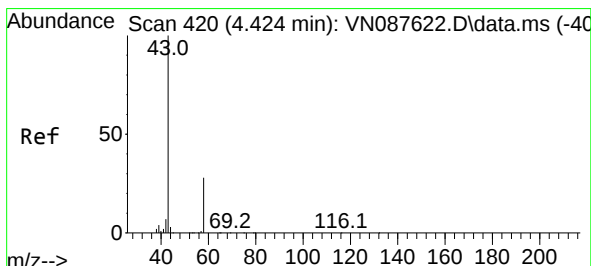
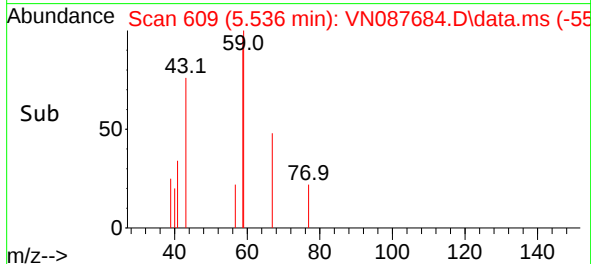
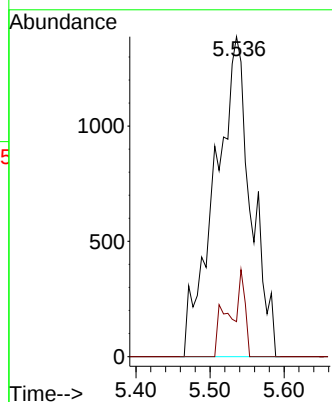
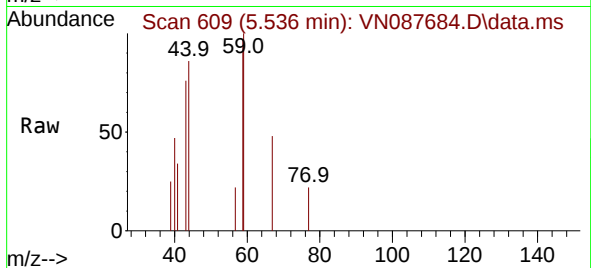




#11
Tert butyl alcohol
Concen: 8.029 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.018 min
Lab File: VN087684.D
Acq: 28 Aug 2025 14:47

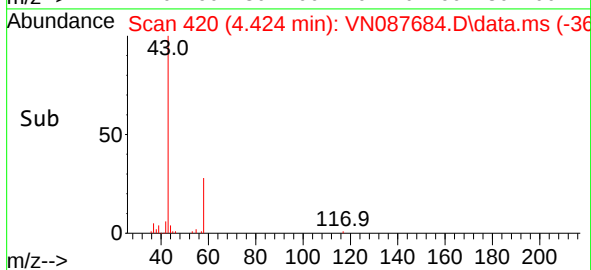
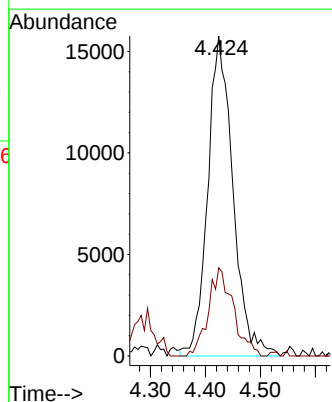
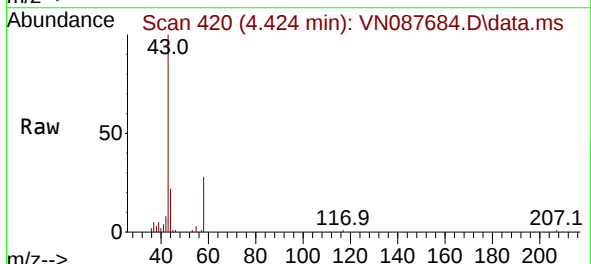
Instrument :
MSVOA_N
ClientSampleId :
NWB-2201

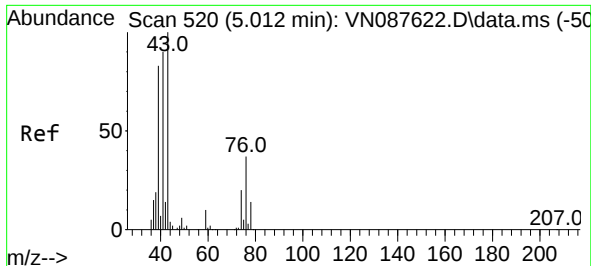
Tgt Ion: 59 Resp: 4691
Ion Ratio Lower Upper
59 100
57 4.6 9.0 13.4#



#16
Acetone
Concen: 27.377 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087684.D
Acq: 28 Aug 2025 14:47

Tgt Ion: 43 Resp: 50155
Ion Ratio Lower Upper
43 100
58 27.5 22.6 33.8

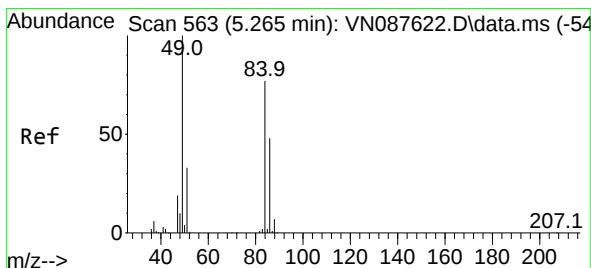
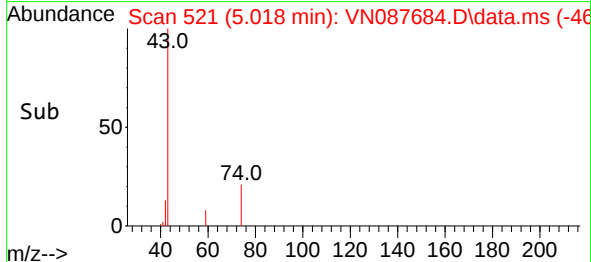
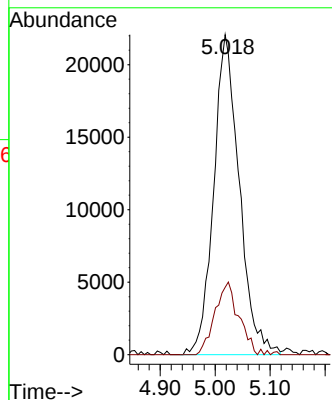
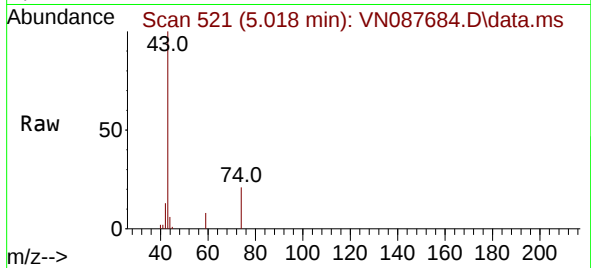




#18
Methyl Acetate
Concen: 18.611 ug/l
RT: 5.018 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN087684.D
Acq: 28 Aug 2025 14:47

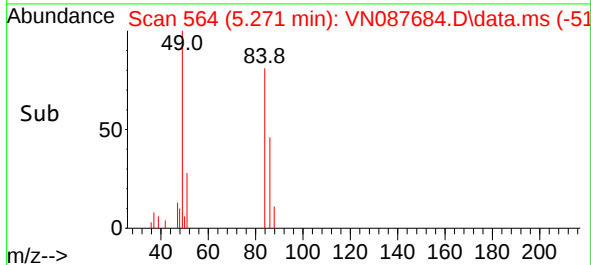
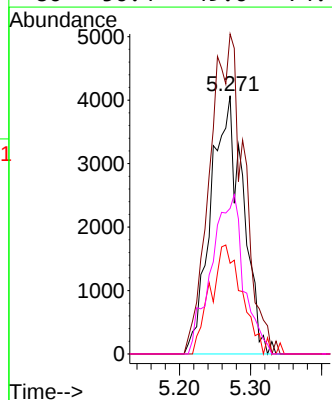
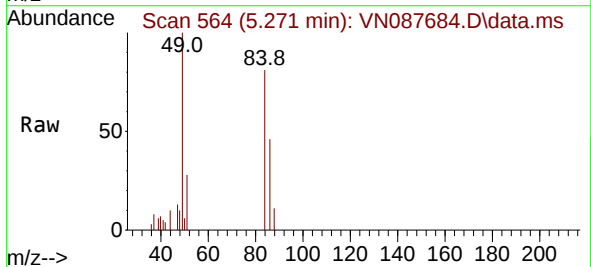
Instrument :
MSVOA_N
ClientSampleId :
NWB-2201

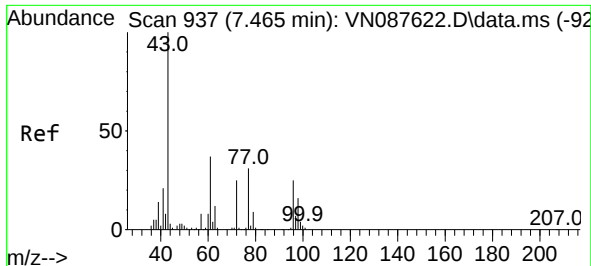
Tgt Ion: 43 Resp: 71387
Ion Ratio Lower Upper
43 100
74 21.0 17.6 26.4



#20
Methylene Chloride
Concen: 3.697 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN087684.D
Acq: 28 Aug 2025 14:47

Tgt Ion: 84 Resp: 12844
Ion Ratio Lower Upper
84 100
49 123.9 103.4 155.2
51 35.1 33.8 50.8
86 56.4 49.6 74.4

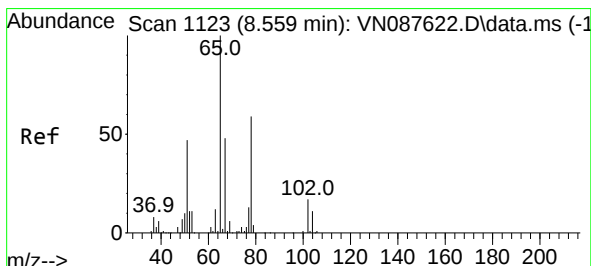
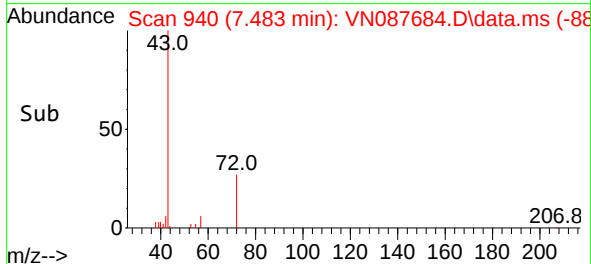
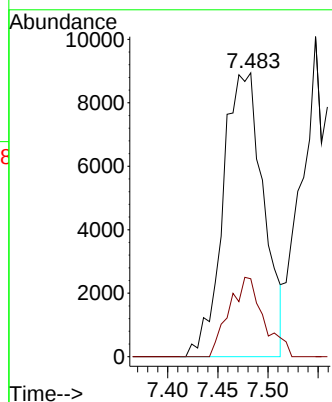
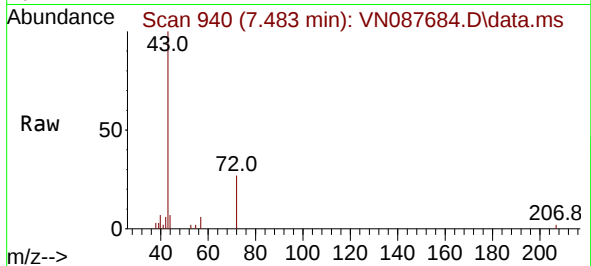




#25
2-Butanone
Concen: 10.441 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.018 min
Lab File: VN087684.D
Acq: 28 Aug 2025 14:47

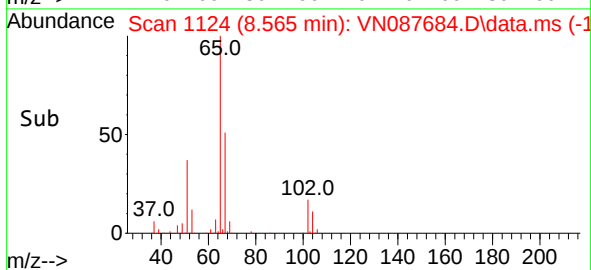
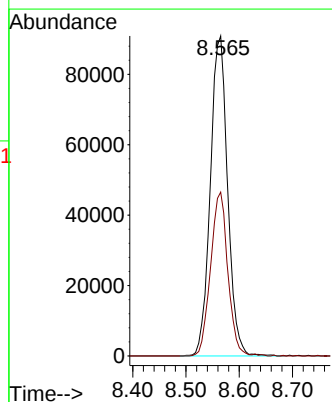
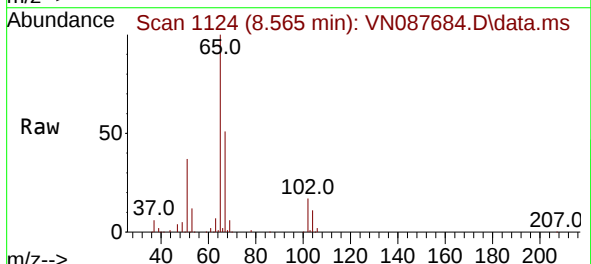
Instrument :
MSVOA_N
ClientSampleId :
NWB-2201

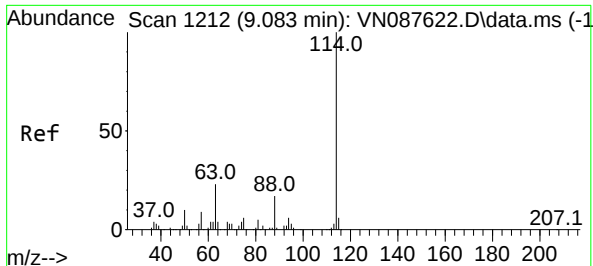
Tgt Ion: 43 Resp: 25165
Ion Ratio Lower Upper
43 100
72 27.4 19.9 29.9



#33
1,2-Dichloroethane-d4
Concen: 60.838 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN087684.D
Acq: 28 Aug 2025 14:47

Tgt Ion: 65 Resp: 204739
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087684.D

Acq: 28 Aug 2025 14:47

Instrument :

MSVOA_N

ClientSampleId :

NWB-2201

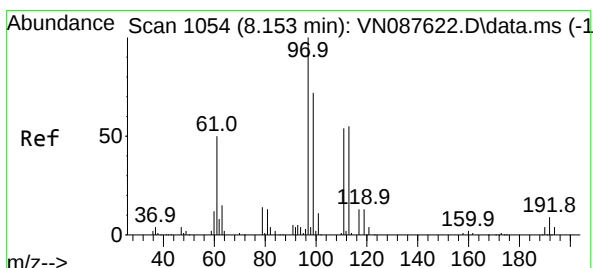
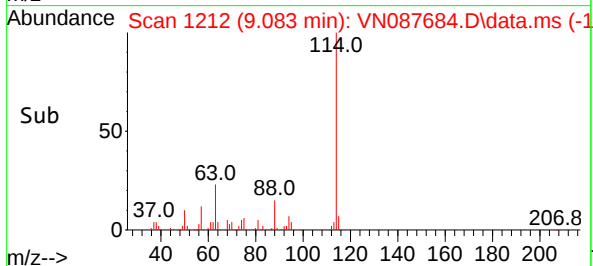
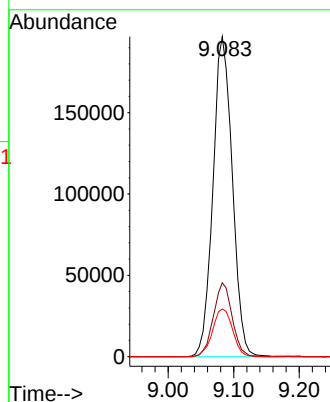
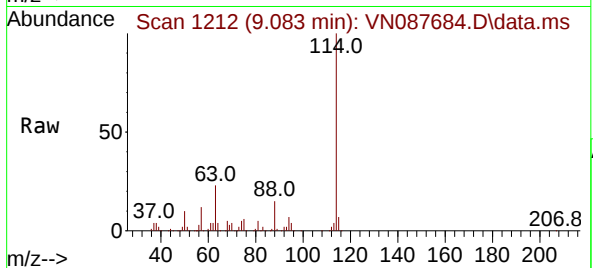
Tgt Ion:114 Resp: 403289

Ion Ratio Lower Upper

114 100

63 23.1 0.0 45.2

88 14.9 0.0 33.4



#35

Dibromofluoromethane

Concen: 51.459 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087684.D

Acq: 28 Aug 2025 14:47

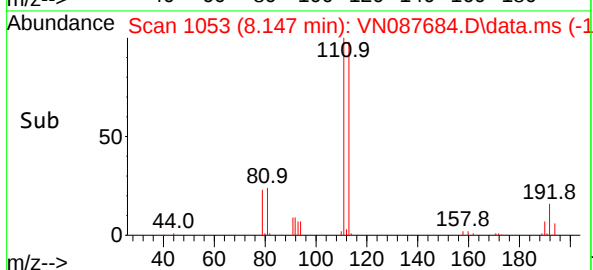
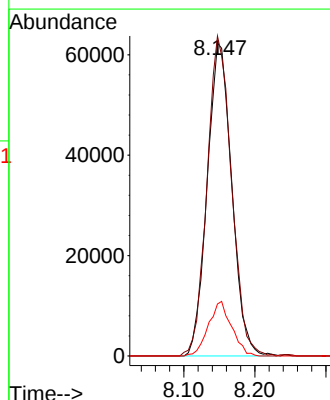
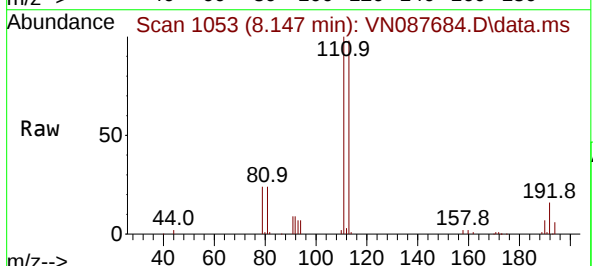
Tgt Ion:113 Resp: 149835

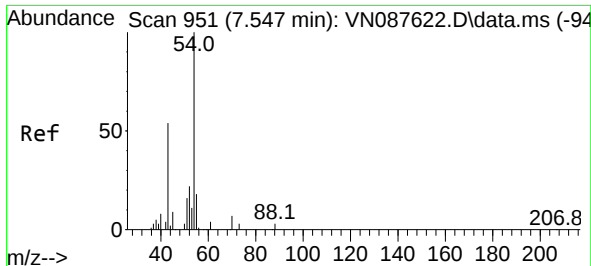
Ion Ratio Lower Upper

113 100

111 102.0 82.8 124.2

192 16.4 12.8 19.2

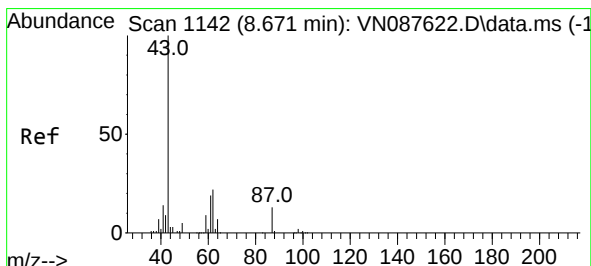
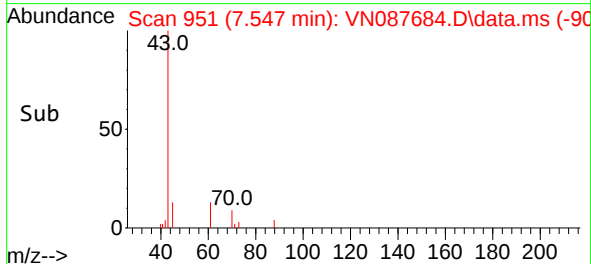
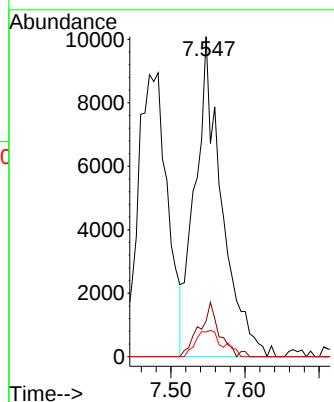
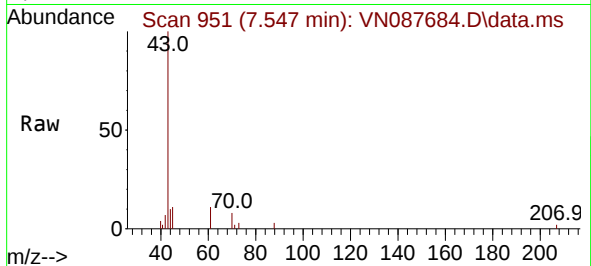




#37
Ethyl Acetate
Concen: 4.108 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087684.D
Acq: 28 Aug 2025 14:47

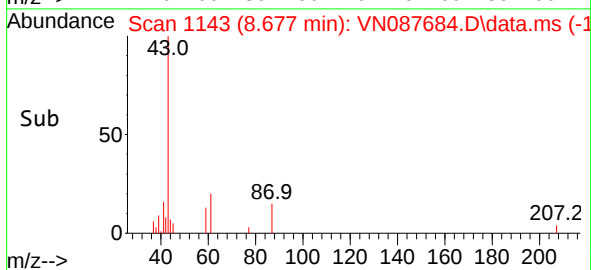
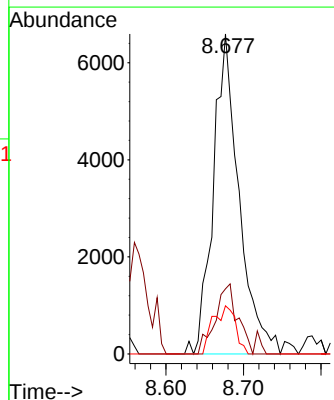
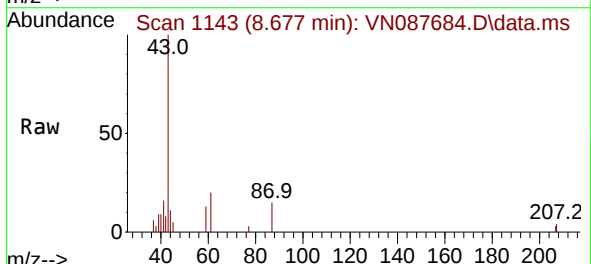
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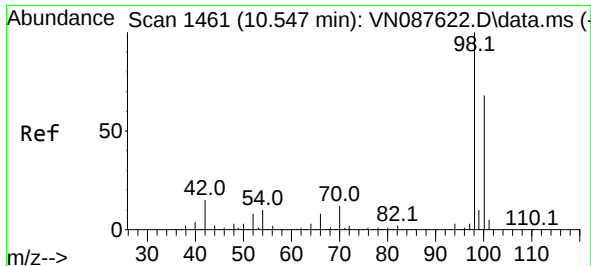
Tgt Ion:	43	Resp:	25073
Ion	Ratio	Lower	Upper
43	100		
61	13.0	9.3	13.9
70	8.3	7.0	10.6



#43
Isopropyl Acetate
Concen: 1.599 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087684.D
Acq: 28 Aug 2025 14:47

Tgt Ion:	43	Resp:	15237
Ion	Ratio	Lower	Upper
43	100		
61	19.0	18.8	28.2
87	13.2	9.6	14.4

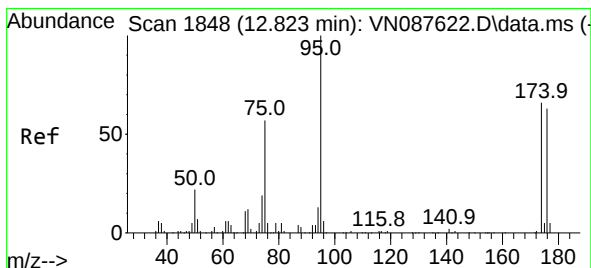
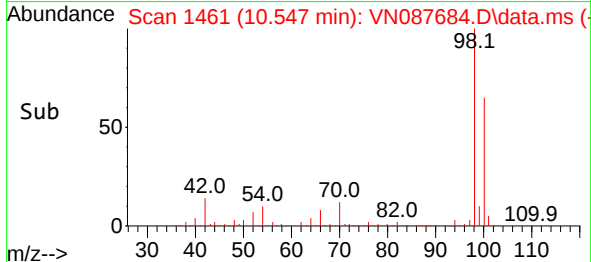
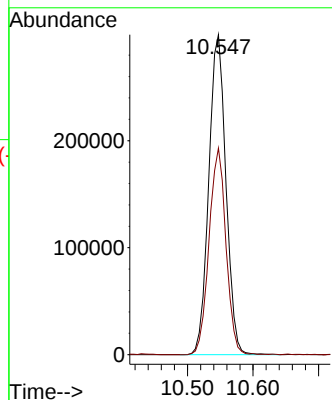
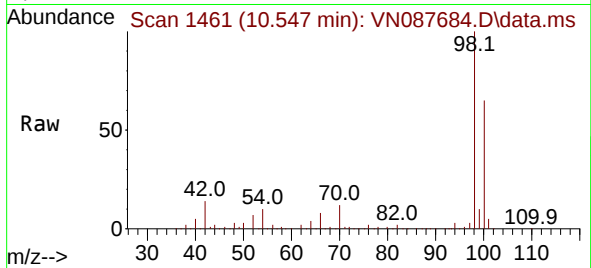




#50
Toluene-d8
Concen: 49.894 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087684.D
Acq: 28 Aug 2025 14:47

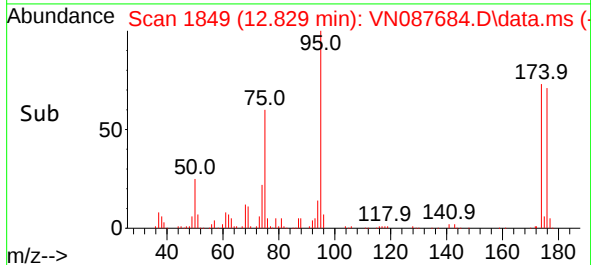
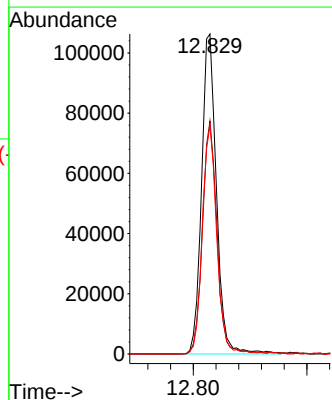
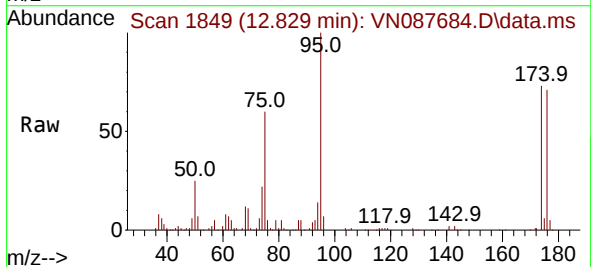
Instrument :
MSVOA_N
ClientSampleId :
NWB-2201

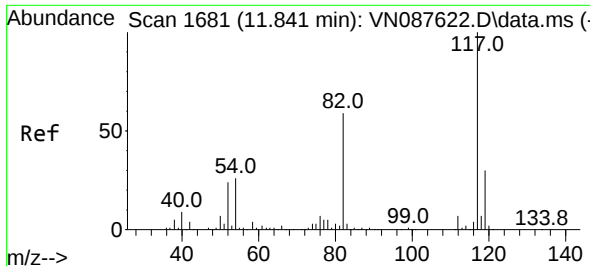
Tgt Ion: 98 Resp: 543753
Ion Ratio Lower Upper
98 100
100 63.6 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 49.804 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087684.D
Acq: 28 Aug 2025 14:47

Tgt Ion: 95 Resp: 193027
Ion Ratio Lower Upper
95 100
174 71.0 0.0 138.4
176 68.9 0.0 132.6

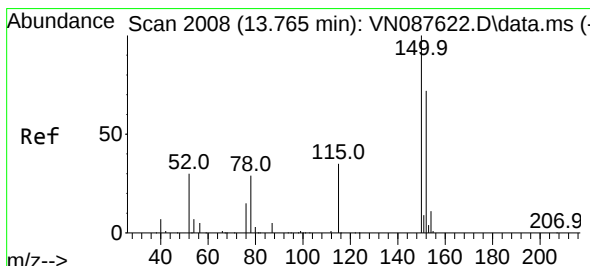
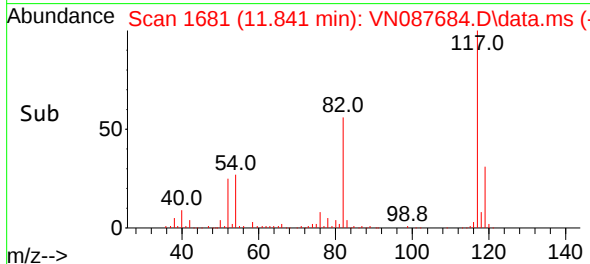
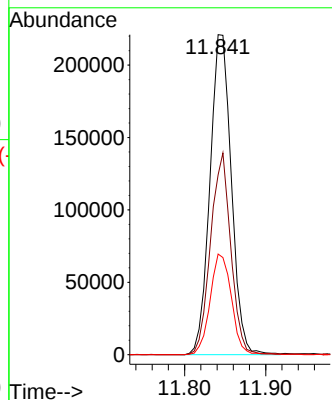
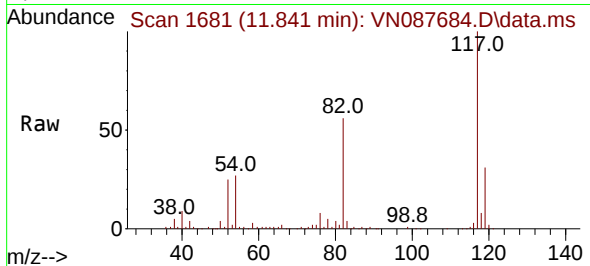




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN087684.D
Acq: 28 Aug 2025 14:47

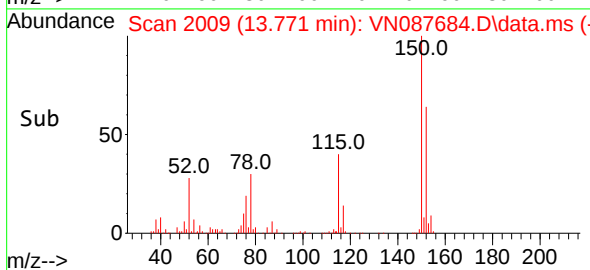
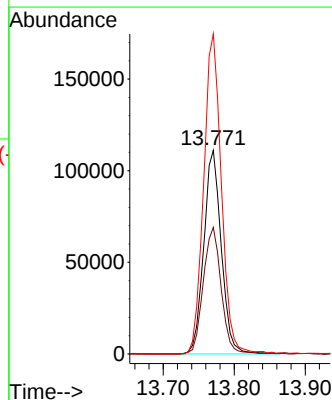
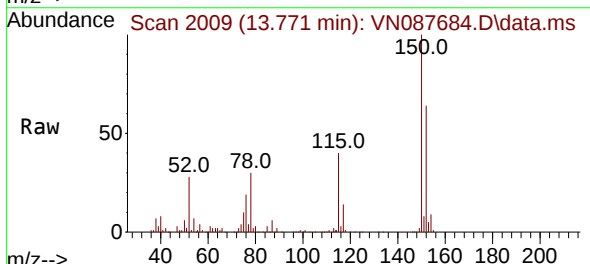
Instrument :
MSVOA_N
ClientSampleId :
NWB-2201

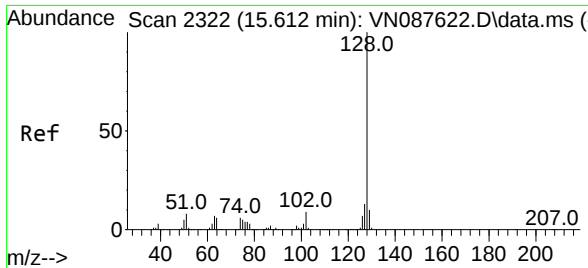
Tgt Ion:117 Resp: 405235
Ion Ratio Lower Upper
117 100
82 56.2 47.4 71.2
119 31.4 24.3 36.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087684.D
Acq: 28 Aug 2025 14:47

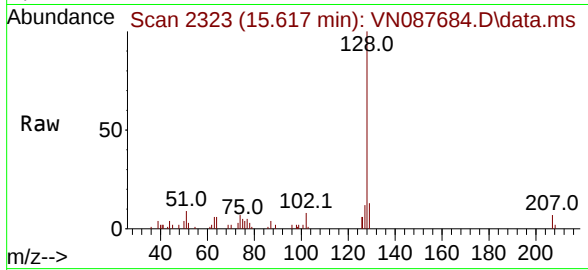
Tgt Ion:152 Resp: 191075
Ion Ratio Lower Upper
152 100
115 63.5 32.3 96.8
150 159.0 0.0 351.0





#95
Naphthalene
Concen: 2.096 ug/l
RT: 15.617 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN087684.D
Acq: 28 Aug 2025 14:47

Instrument :
MSVOA_N
ClientSampleId :
NWB-2201



Tgt Ion:128 Resp: 30316
Ion Ratio Lower Upper
128 100
127 13.9 10.6 15.8
129 13.7 8.6 12.8#

