

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
 Data File : VN086871.D
 Acq On : 06 Jun 2025 17:10
 Operator : JC\MD
 Sample : VN0606WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0606WBL02

Quant Time: Jun 07 02:25:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

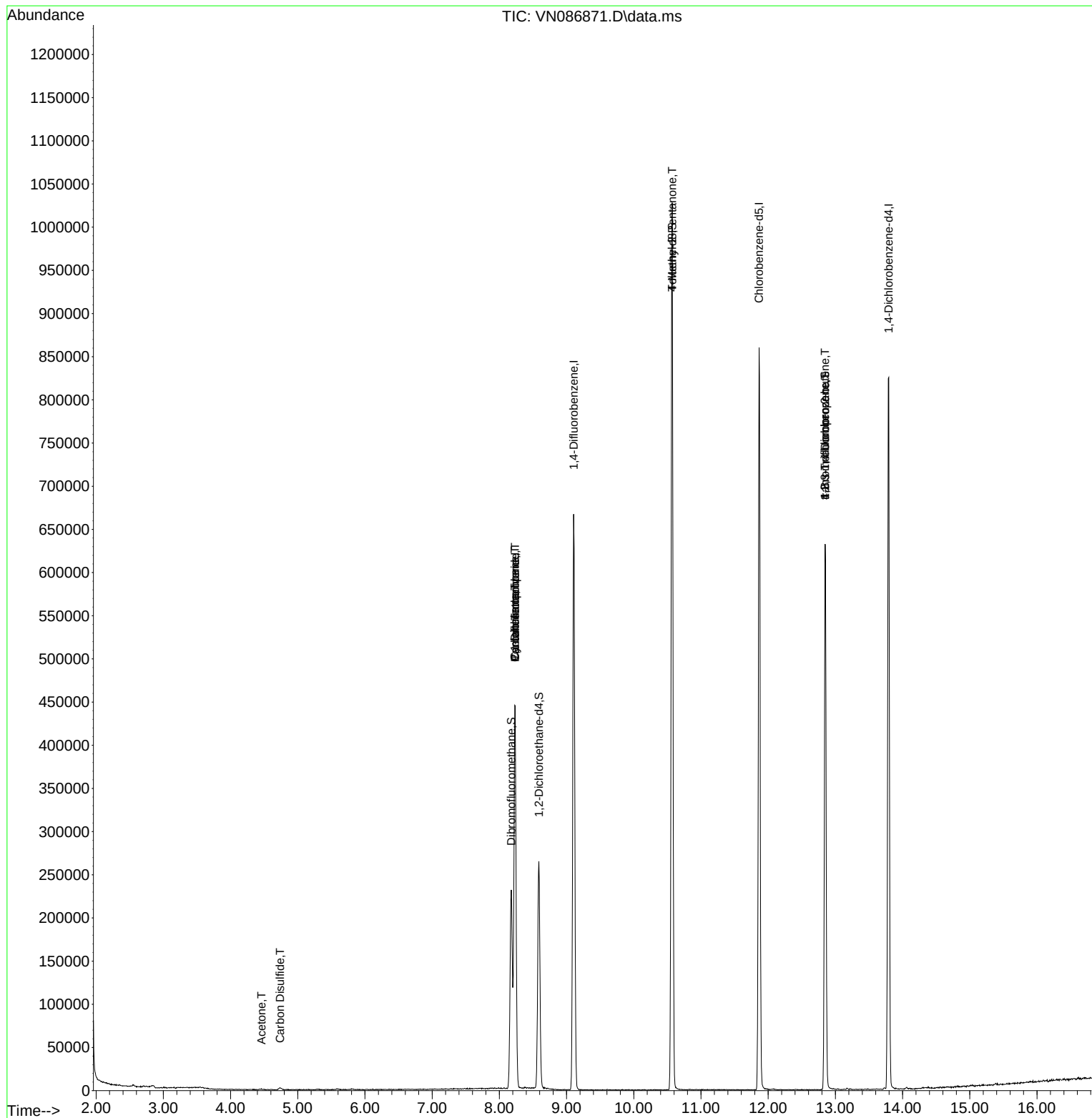
Internal Standards						
1) Pentafluorobenzene	8.235	168	344048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	613851	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	529685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	242229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	217725	47.266	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.540%
35) Dibromofluoromethane	8.177	113	177475	48.786	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.580%
50) Toluene-d8	10.571	98	740500	51.419	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.840%
62) 4-Bromofluorobenzene	12.847	95	254971	47.654	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.300%
Target Compounds						
					Qvalue	
16) Acetone	4.459	43	1272	0.521	ug/l #	87
17) Carbon Disulfide	4.736	76	2306	0.218	ug/l #	75
31) Cyclohexane	8.229	56	6604	0.884	ug/l #	1
36) 1,1-Dichloropropene	8.229	75	26938	4.969	ug/l #	49
38) Carbon Tetrachloride	8.235	117	34412	6.466	ug/l #	17
51) 4-Methyl-2-Pentanone	10.571	43	3023	0.453	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	120021	20.845	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	120021	47.983	ug/l #	16

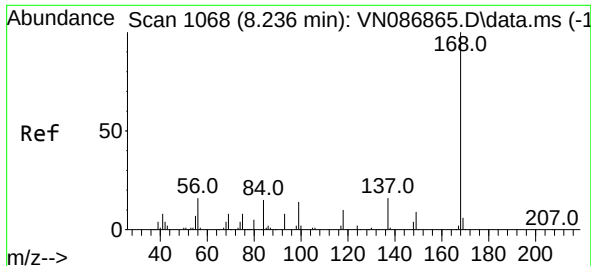
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

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Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
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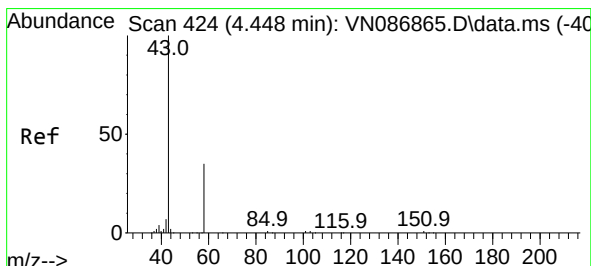
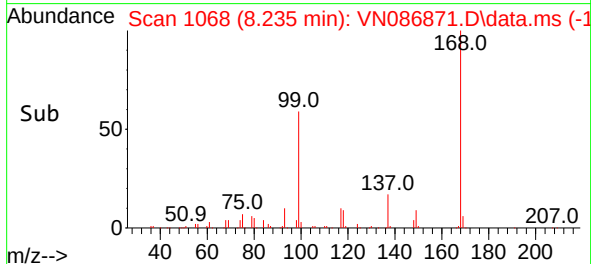
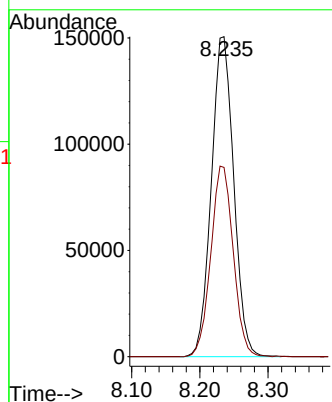
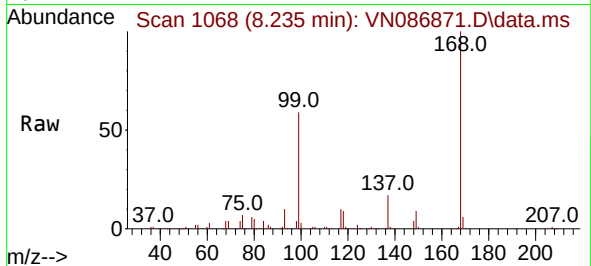




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.001 min
Lab File: VN086871.D
Acq: 06 Jun 2025 17:10

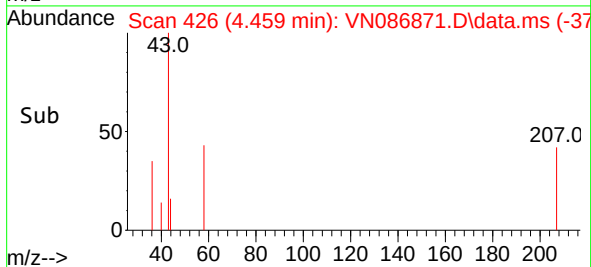
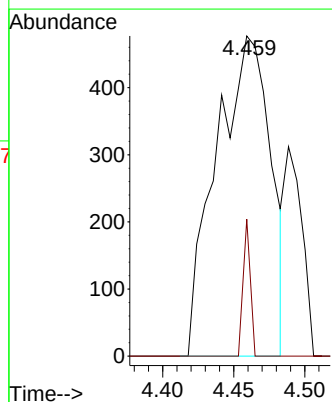
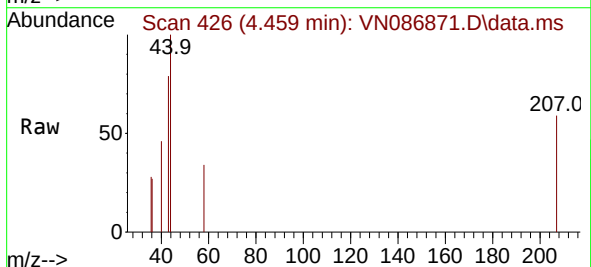
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBL02

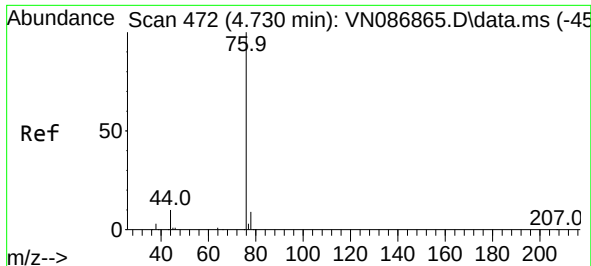
Tgt Ion:168 Resp: 344048
Ion Ratio Lower Upper
168 100
99 59.1 49.1 73.7



#16
Acetone
Concen: 0.521 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.012 min
Lab File: VN086871.D
Acq: 06 Jun 2025 17:10

Tgt Ion: 43 Resp: 1272
Ion Ratio Lower Upper
43 100
58 42.8 28.0 42.0#





#17

Carbon Disulfide

Concen: 0.218 ug/l

RT: 4.736 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN086871.D

Acq: 06 Jun 2025 17:10

Instrument :

MSVOA_N

ClientSampleId :

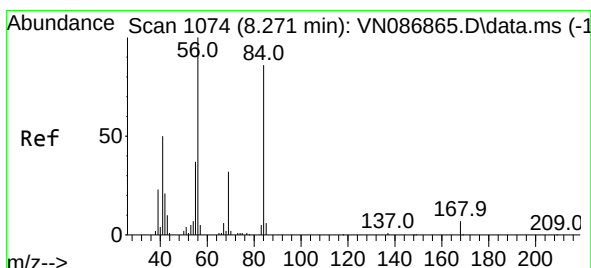
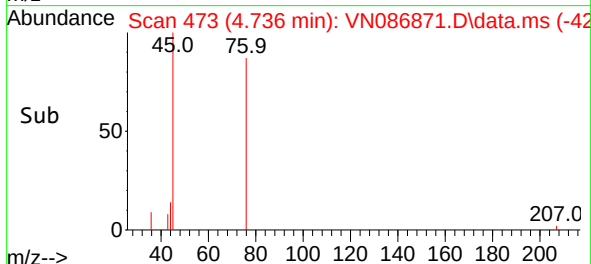
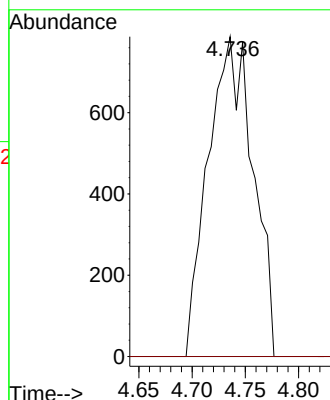
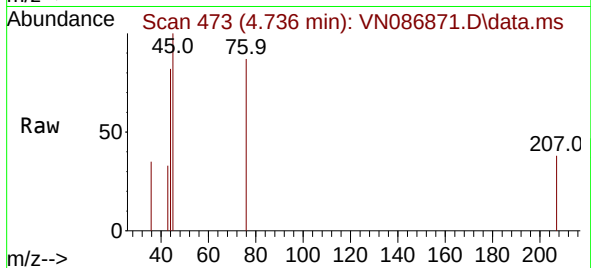
VN0606WBL02

Tgt Ion: 76 Resp: 2306

Ion Ratio Lower Upper

76 100

78 0.0 7.3 10.9#



#31

Cyclohexane

Concen: 0.884 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.041 min

Lab File: VN086871.D

Acq: 06 Jun 2025 17:10

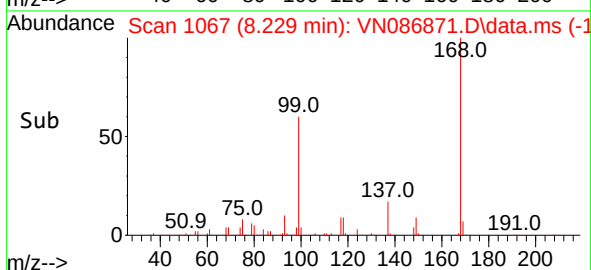
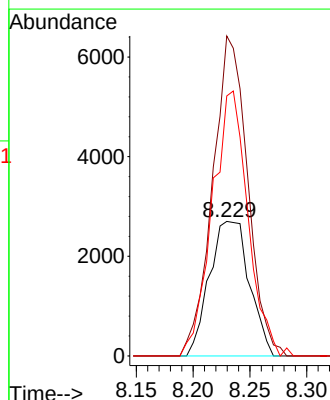
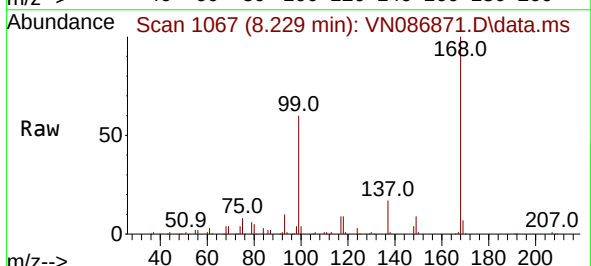
Tgt Ion: 56 Resp: 6604

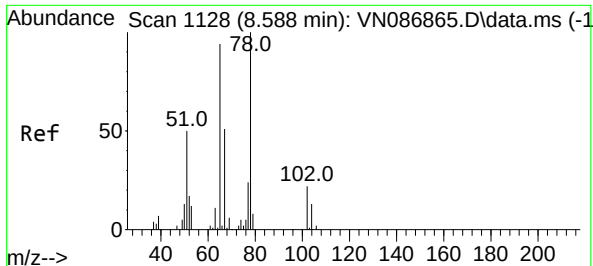
Ion Ratio Lower Upper

56 100

69 237.9 25.4 38.0#

84 193.3 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 47.266 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN086871.D

Acq: 06 Jun 2025 17:10

Instrument :

MSVOA_N

ClientSampleId :

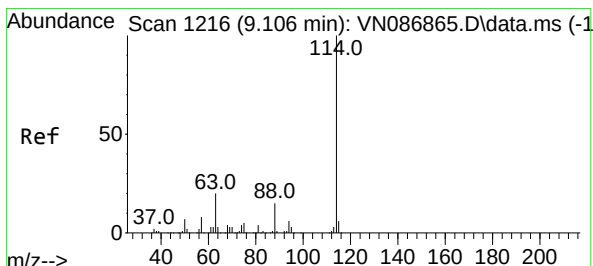
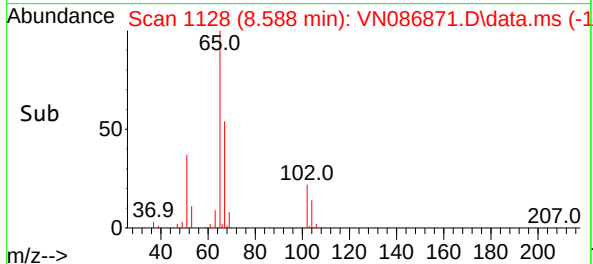
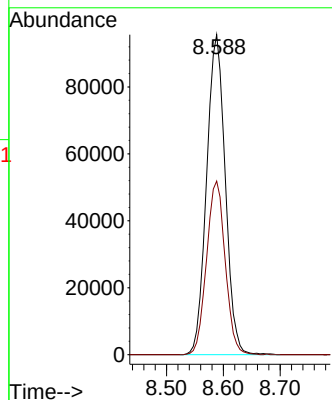
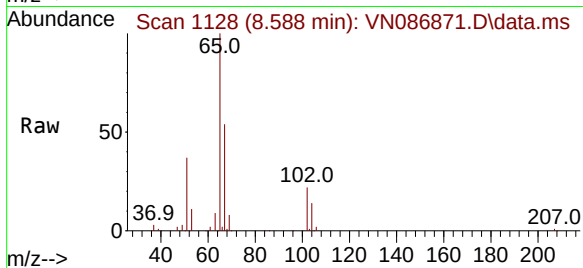
VN0606WBL02

Tgt Ion: 65 Resp: 217725

Ion Ratio Lower Upper

65 100

67 54.2 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN086871.D

Acq: 06 Jun 2025 17:10

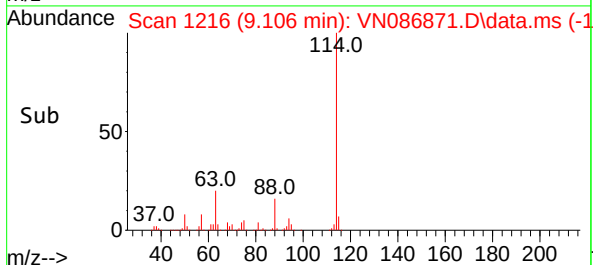
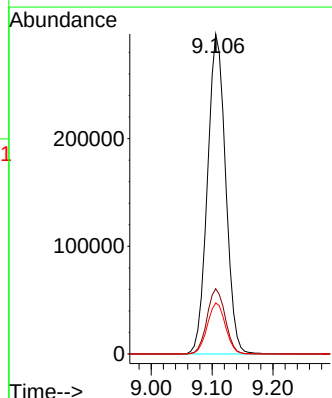
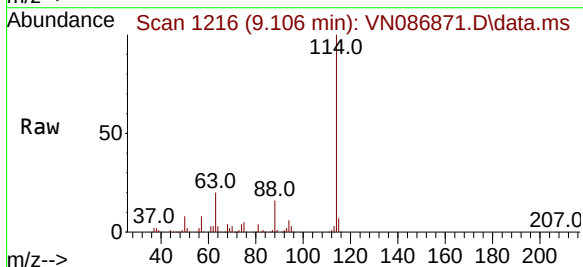
Tgt Ion: 114 Resp: 613851

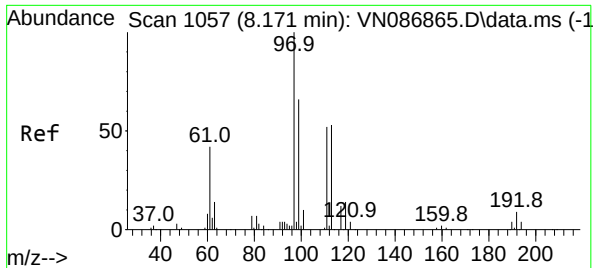
Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.6

88 16.0 0.0 30.2

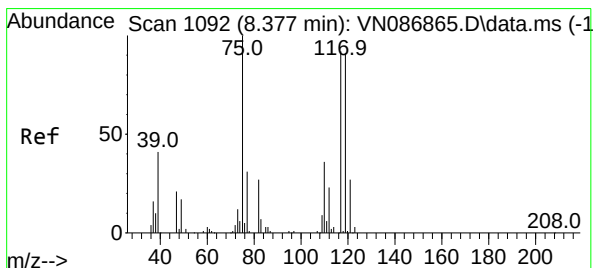
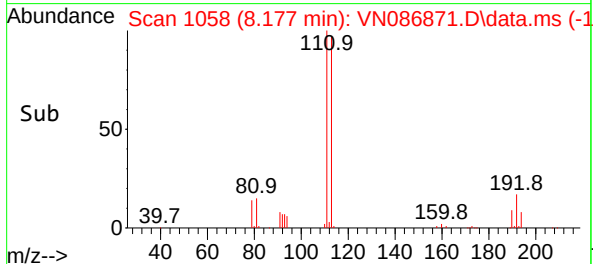
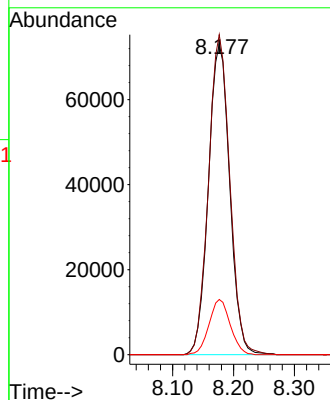
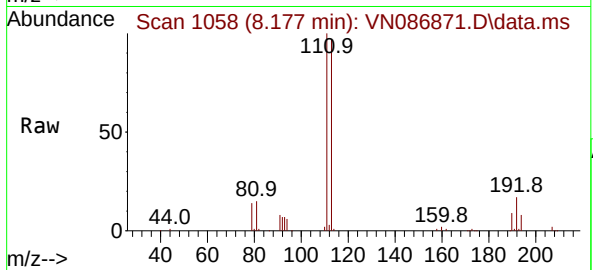




#35
Dibromofluoromethane
Concen: 48.786 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN086871.D
Acq: 06 Jun 2025 17:10

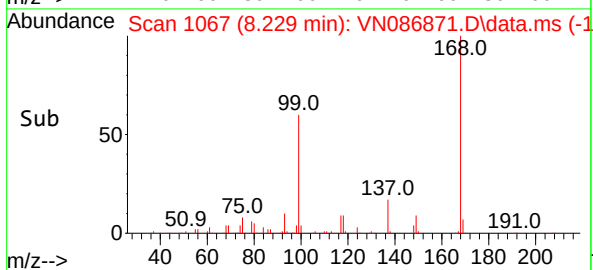
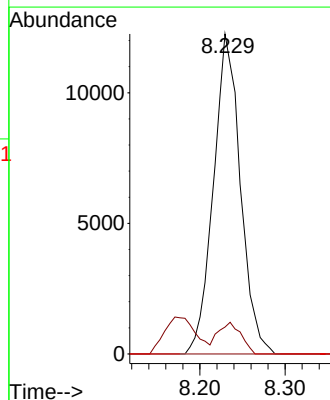
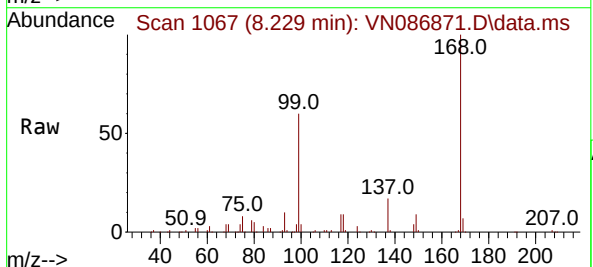
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBL02

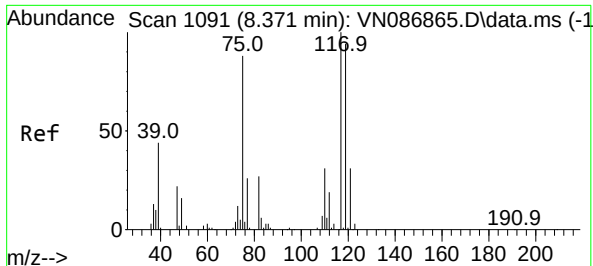
Tgt Ion:113 Resp: 177475
Ion Ratio Lower Upper
113 100
111 103.0 84.2 126.2
192 17.7 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.969 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN086871.D
Acq: 06 Jun 2025 17:10

Tgt Ion: 75 Resp: 26938
Ion Ratio Lower Upper
75 100
110 8.4 17.6 52.9#
77 0.0 25.3 37.9#

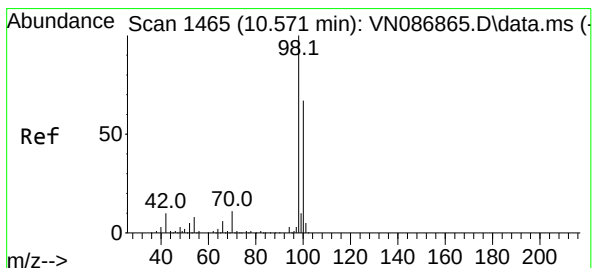
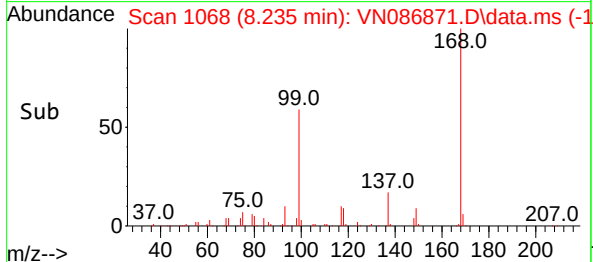
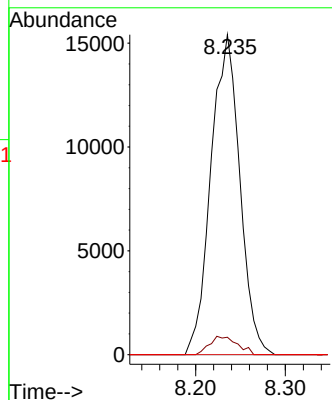
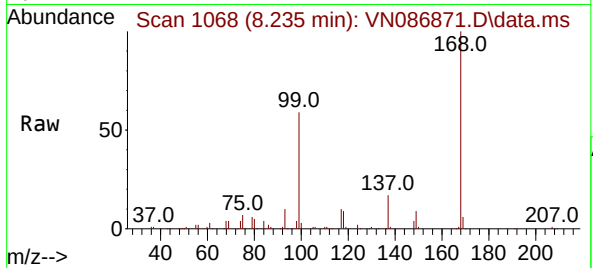




#38
Carbon Tetrachloride
Concen: 6.466 ug/l
RT: 8.235 min Scan# 1091
Delta R.T. -0.136 min
Lab File: VN086871.D
Acq: 06 Jun 2025 17:10

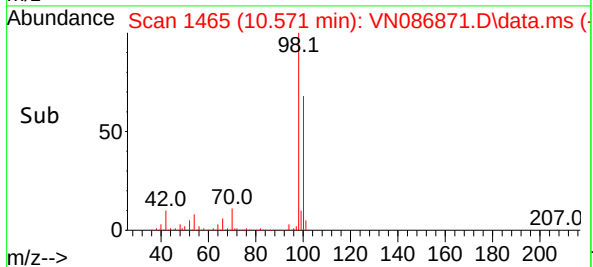
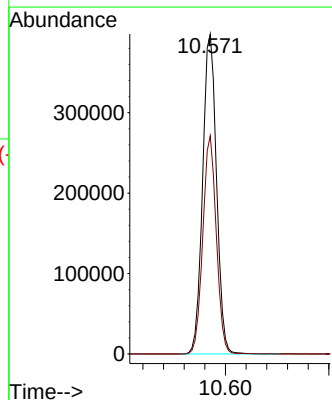
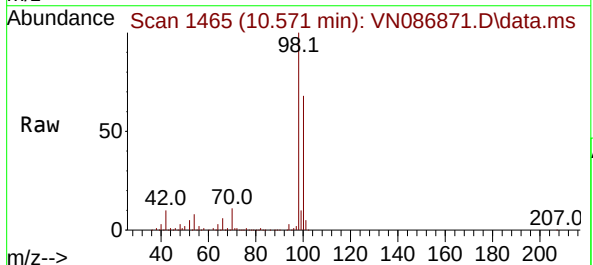
Instrument :
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ClientSampleId :
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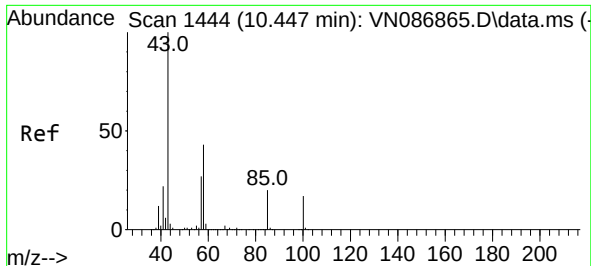
Tgt Ion:117 Resp: 34412
Ion Ratio Lower Upper
117 100
119 5.5 75.0 112.6#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 51.419 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086871.D
Acq: 06 Jun 2025 17:10

Tgt Ion: 98 Resp: 740500
Ion Ratio Lower Upper
98 100
100 66.5 53.4 80.0

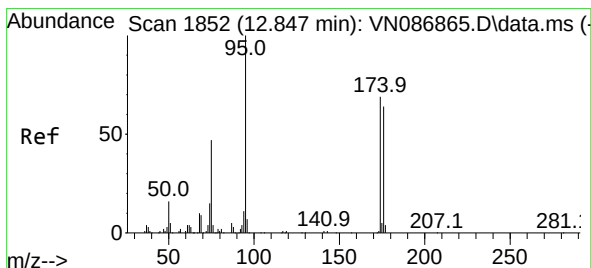
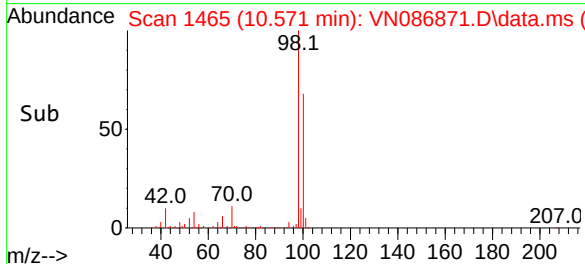
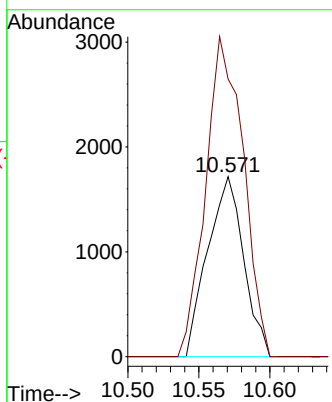
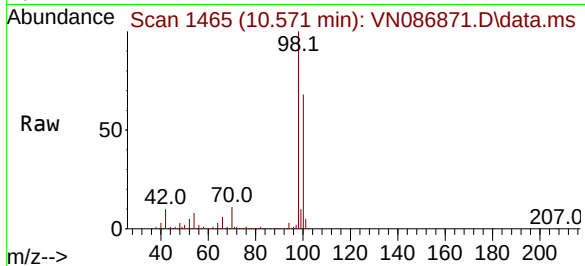




#51
4-Methyl-2-Pentanone
Concen: 0.453 ug/l
RT: 10.571 min Scan# 1444
Delta R.T. 0.123 min
Lab File: VN086871.D
Acq: 06 Jun 2025 17:10

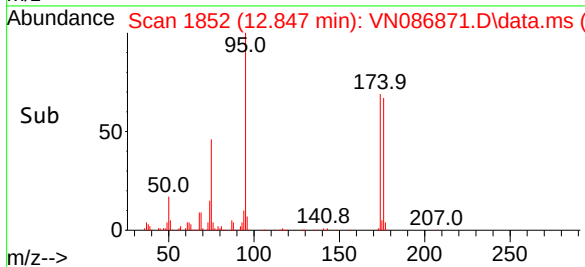
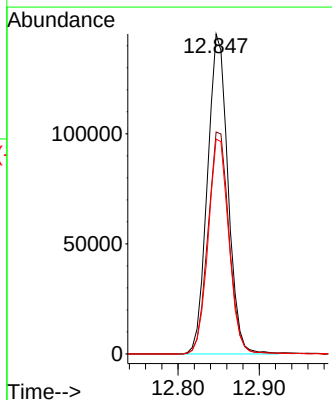
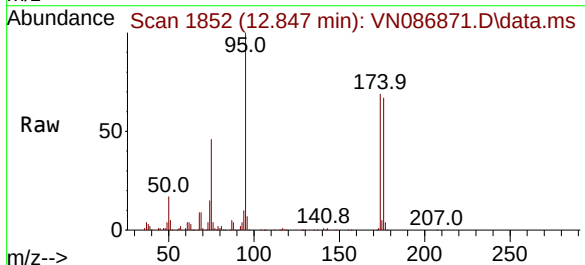
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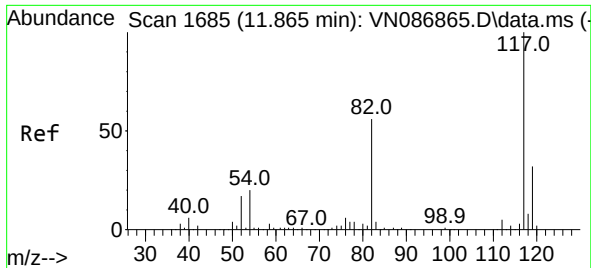
Tgt Ion: 43 Resp: 3023
Ion Ratio Lower Upper
43 100
58 185.9 34.2 51.4#



#62
4-Bromofluorobenzene
Concen: 47.654 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086871.D
Acq: 06 Jun 2025 17:10

Tgt Ion: 95 Resp: 254971
Ion Ratio Lower Upper
95 100
174 71.4 0.0 141.8
176 67.9 0.0 132.6

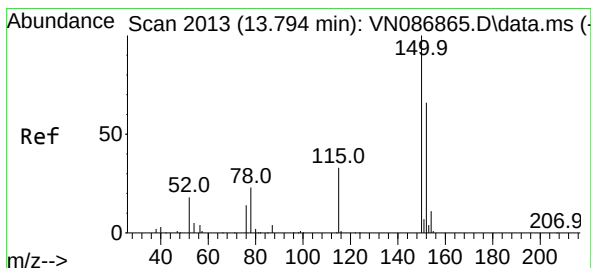
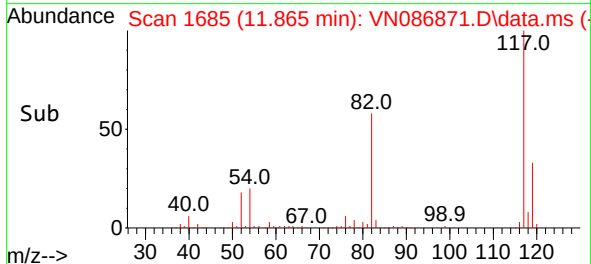
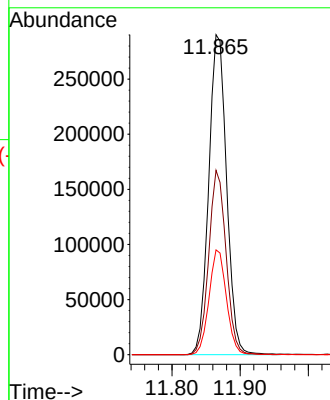
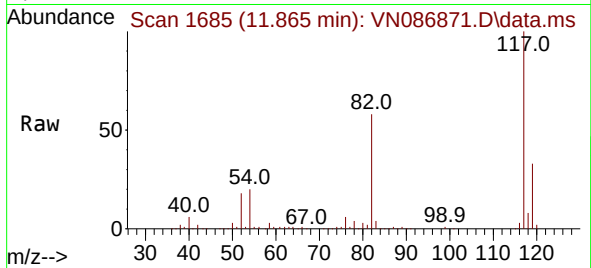




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086871.D
Acq: 06 Jun 2025 17:10

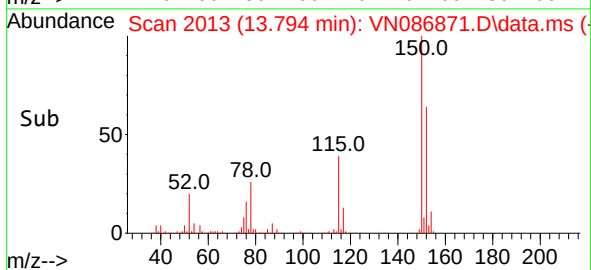
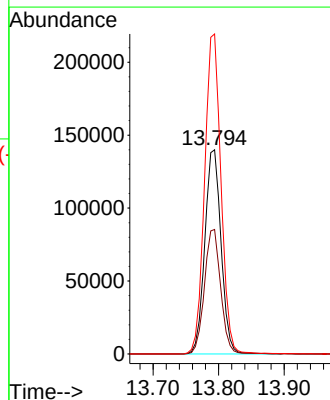
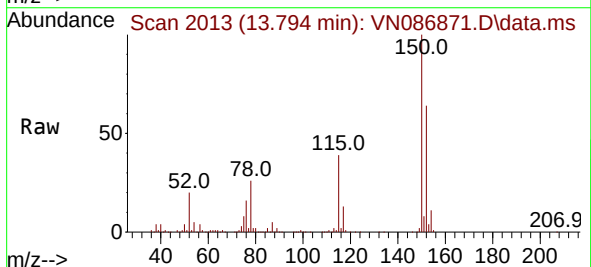
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBL02

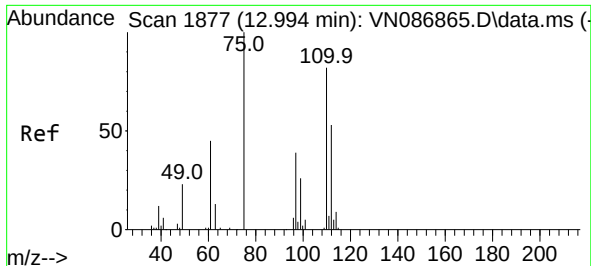
Tgt Ion:117 Resp: 529685
Ion Ratio Lower Upper
117 100
82 57.6 44.6 67.0
119 32.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN086871.D
Acq: 06 Jun 2025 17:10

Tgt Ion:152 Resp: 242229
Ion Ratio Lower Upper
152 100
115 60.8 30.1 90.5
150 157.7 0.0 345.0

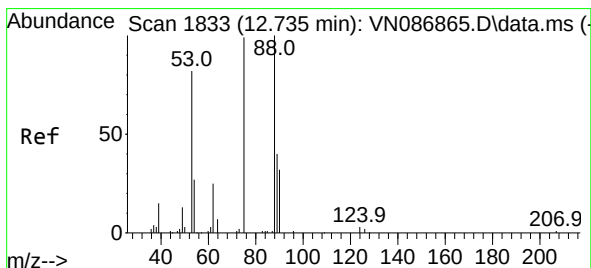
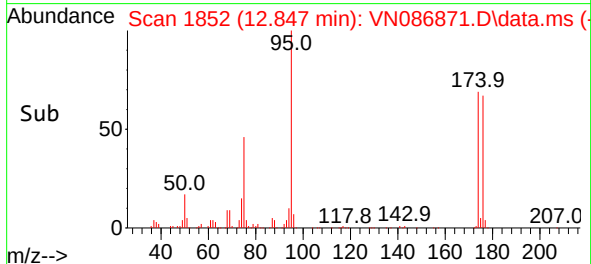
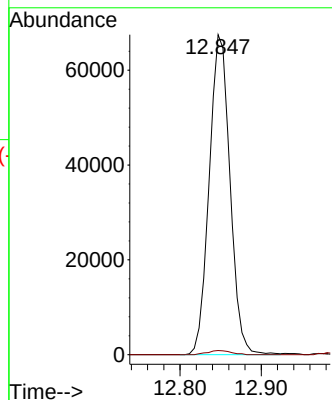
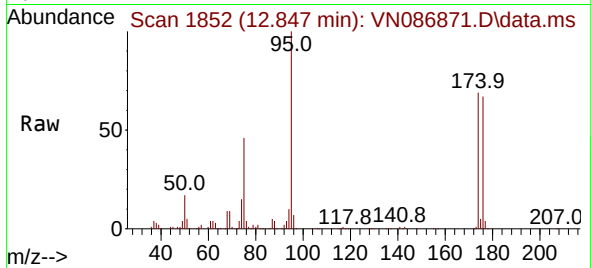




#76
1,2,3-Trichloropropane
Concen: 20.845 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN086871.D
Acq: 06 Jun 2025 17:10

Instrument :
MSVOA_N
ClientSampleId :
VN0606WBL02

Tgt Ion: 75 Resp: 120021
Ion Ratio Lower Upper
75 100
77 1.4 79.3 237.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 47.983 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086871.D
Acq: 06 Jun 2025 17:10

Tgt Ion: 75 Resp: 120021
Ion Ratio Lower Upper
75 100
53 0.0 66.6 99.8#
89 0.1 36.7 55.1#

