

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120325\
 Data File : VN088418.D
 Acq On : 03 Dec 2025 11:03
 Operator : JC\MD
 Sample : VN1203WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBL01

Quant Time: Dec 04 00:14:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	179578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	416539	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	402638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	186090	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	201444	59.548	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	119.100%
35) Dibromofluoromethane	8.147	113	146402	50.718	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.440%
50) Toluene-d8	10.541	98	511270	47.603	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.200%
62) 4-Bromofluorobenzene	12.829	95	173481	47.075	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.140%

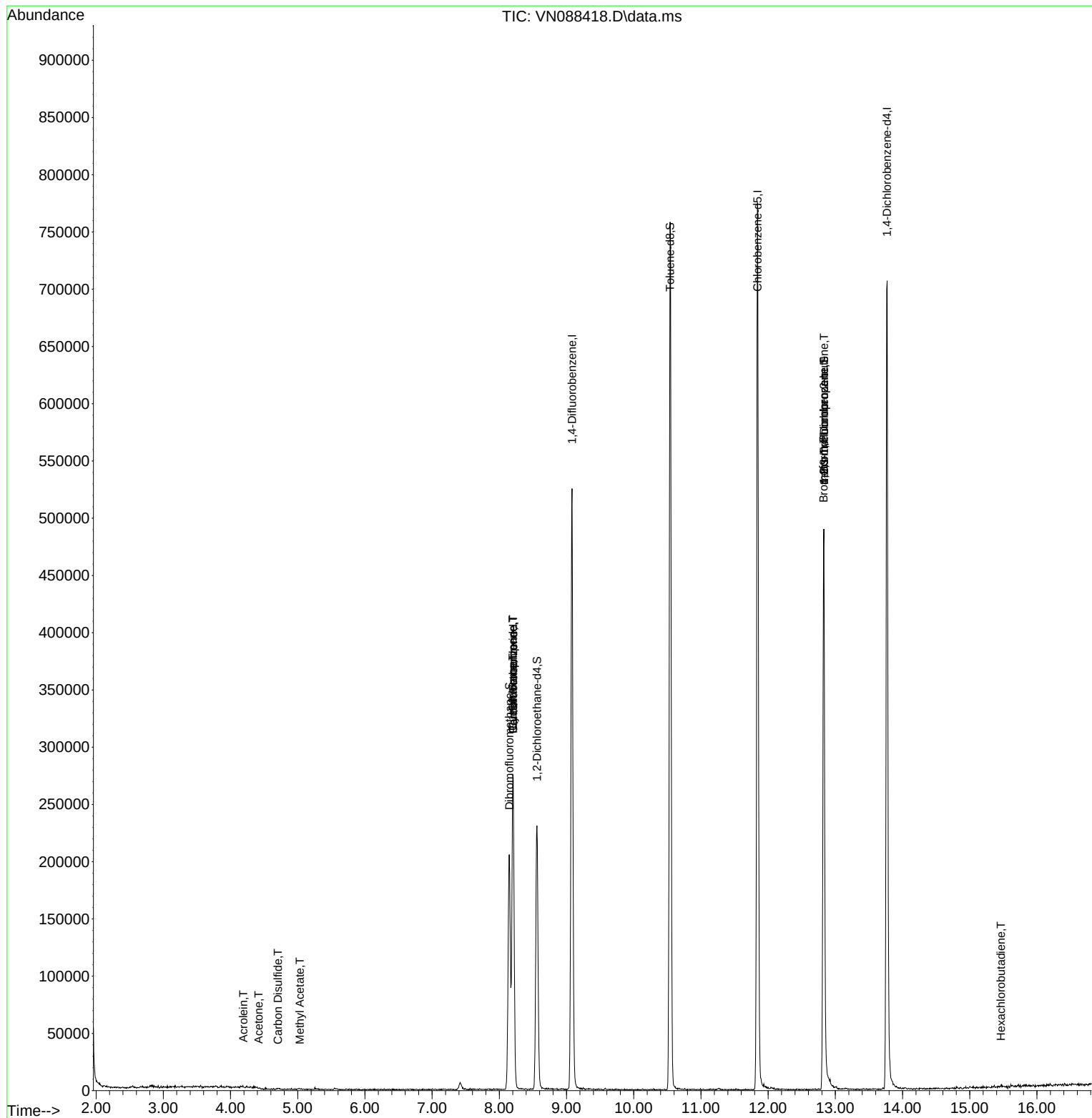
Target Compounds					Qvalue	
13) Acrolein	4.189	56	116	0.224	ug/l #	1
16) Acetone	4.418	43	392	0.320	ug/l #	48
17) Carbon Disulfide	4.706	76	1706	0.238	ug/l #	76
18) Methyl Acetate	5.030	43	1226	0.337	ug/l #	53
31) Cyclohexane	8.200	56	6601	1.484	ug/l #	61
36) 1,1-Dichloropropene	8.200	75	18851	4.231	ug/l #	52
38) Carbon Tetrachloride	8.206	117	22200	5.006	ug/l #	14
71) Bromoform	12.824	173	1549	0.693	ug/l #	1
76) 1,2,3-Trichloropropane	12.829	75	99822	22.903	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.829	75	99822	64.973	ug/l #	1
94) Hexachlorobutadiene	15.465	225	303	0.246	ug/l #	68

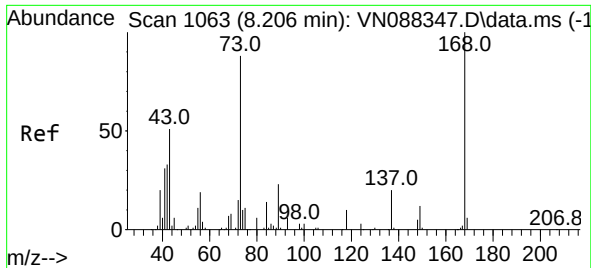
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120325\
Data File : VN088418.D
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Instrument :
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ClientSampleId :
VN1203WBL01

Quant Time: Dec 04 00:14:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

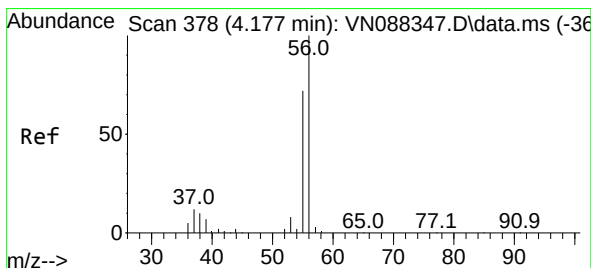
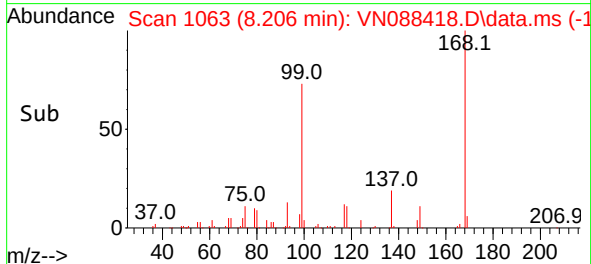
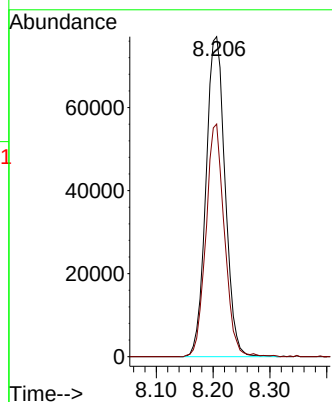
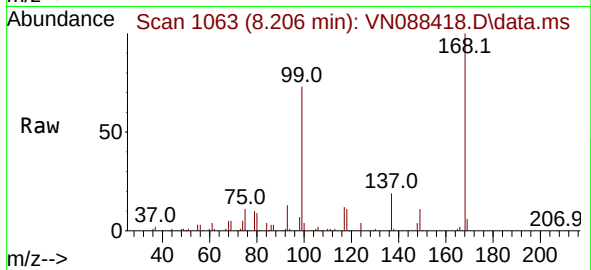




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088418.D
Acq: 03 Dec 2025 11:03

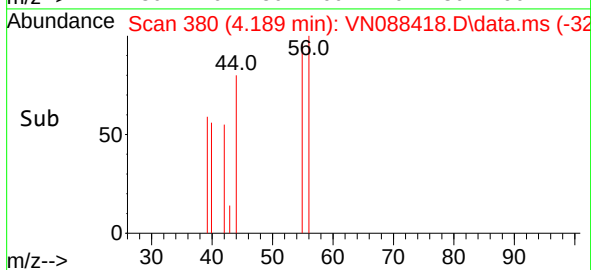
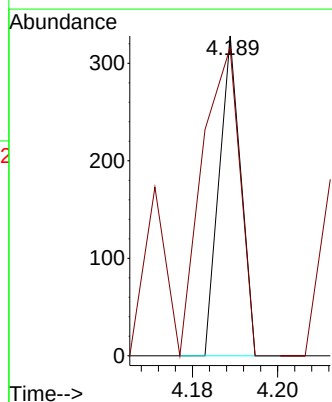
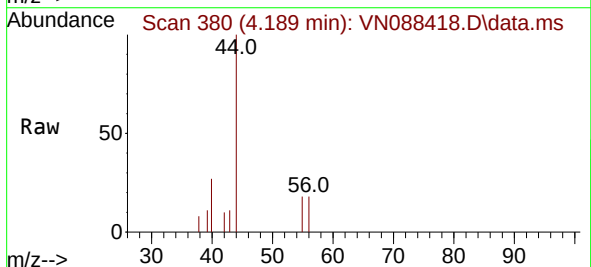
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBL01

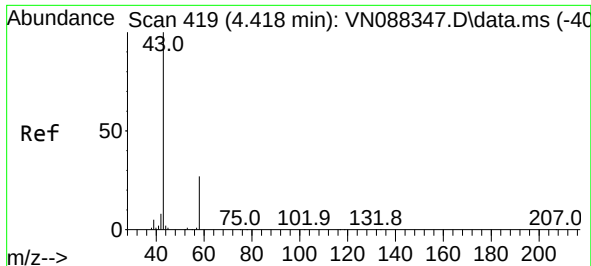
Tgt Ion:168 Resp: 179578
Ion Ratio Lower Upper
168 100
99 72.7 57.1 85.7



#13
Acrolein
Concen: 0.224 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.012 min
Lab File: VN088418.D
Acq: 03 Dec 2025 11:03

Tgt Ion: 56 Resp: 116
Ion Ratio Lower Upper
56 100
55 219.8 56.3 84.5#

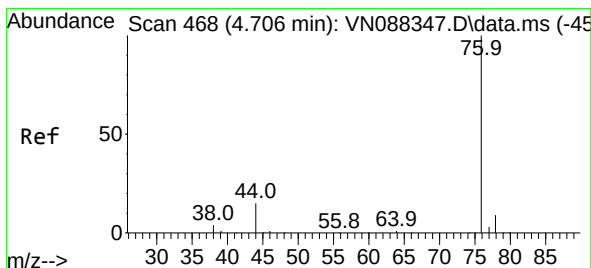
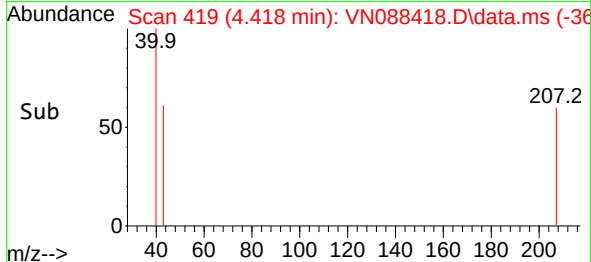
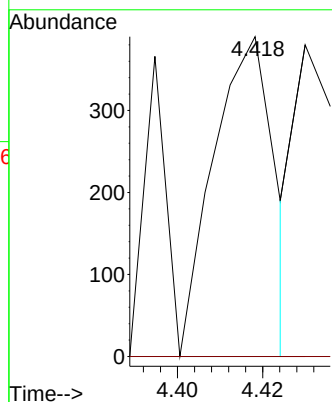
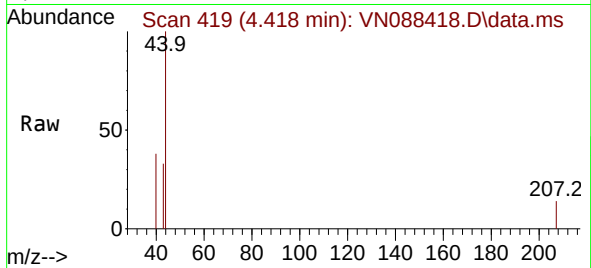




#16
Acetone
Concen: 0.320 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN088418.D
Acq: 03 Dec 2025 11:03

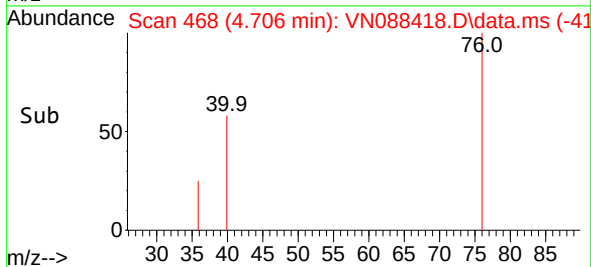
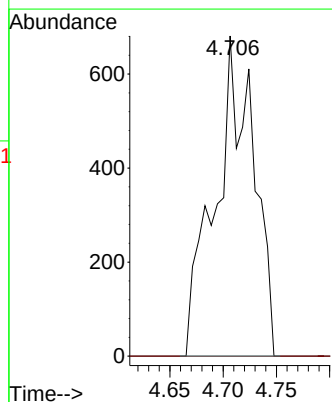
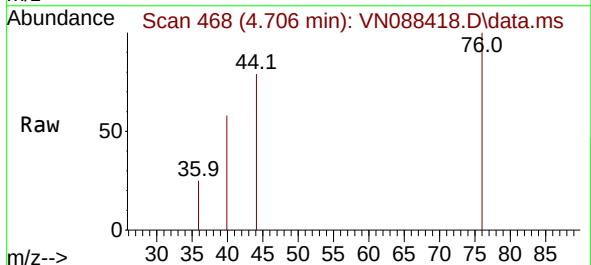
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBL01

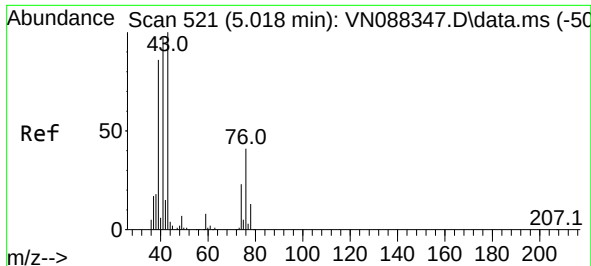
Tgt Ion: 43 Resp: 392
Ion Ratio Lower Upper
43 100
58 0.0 21.7 32.5#



#17
Carbon Disulfide
Concen: 0.238 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.000 min
Lab File: VN088418.D
Acq: 03 Dec 2025 11:03

Tgt Ion: 76 Resp: 1706
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#

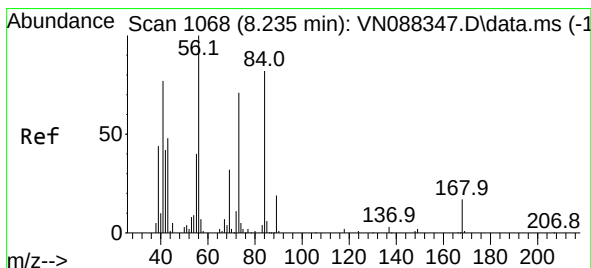
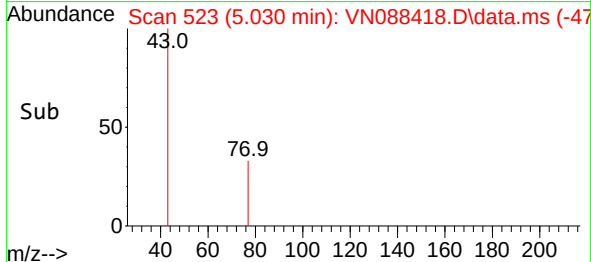
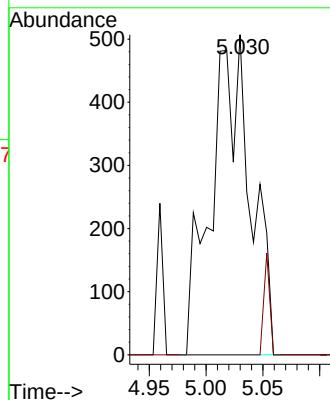
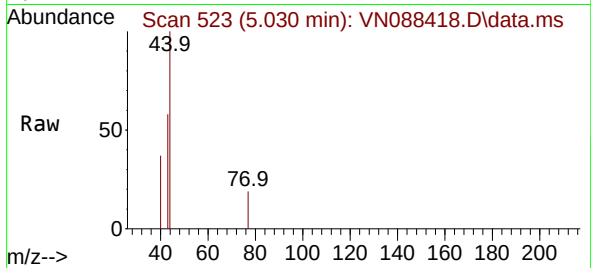




#18
Methyl Acetate
Concen: 0.337 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN088418.D
Acq: 03 Dec 2025 11:03

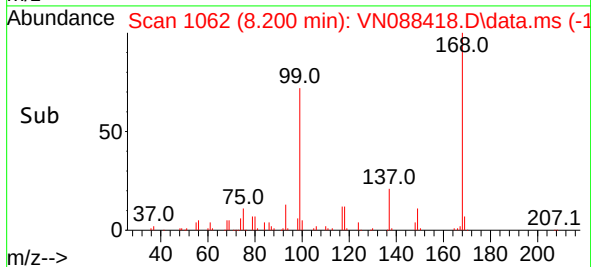
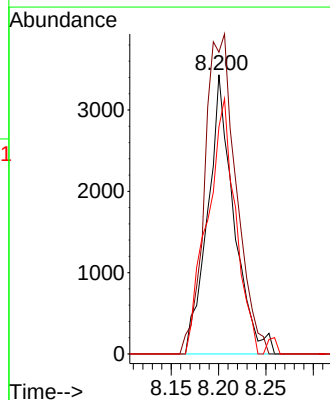
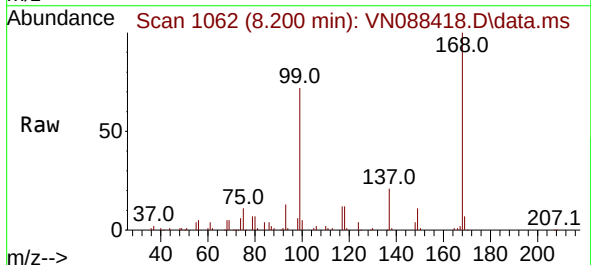
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBL01

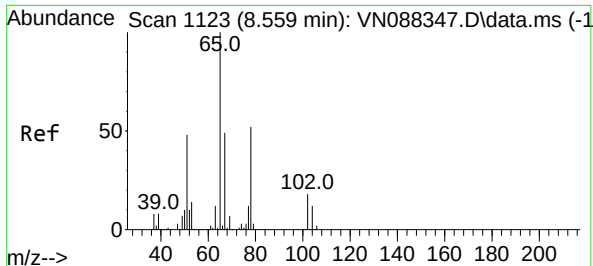
Tgt Ion: 43 Resp: 1226
Ion Ratio Lower Upper
43 100
74 0.0 17.9 26.9#



#31
Cyclohexane
Concen: 1.484 ug/l
RT: 8.200 min Scan# 1062
Delta R.T. -0.035 min
Lab File: VN088418.D
Acq: 03 Dec 2025 11:03

Tgt Ion: 56 Resp: 6601
Ion Ratio Lower Upper
56 100
69 108.1 25.3 37.9#
84 81.2 65.4 98.2





#33

1,2-Dichloroethane-d4

Concen: 59.548 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088418.D

Acq: 03 Dec 2025 11:03

Instrument :

MSVOA_N

ClientSampleId :

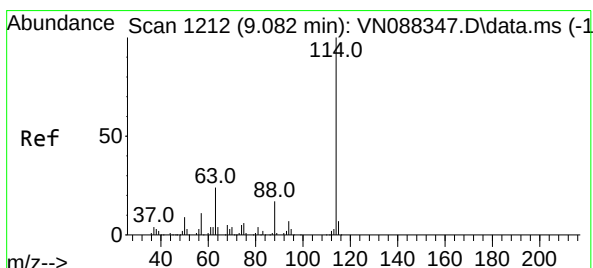
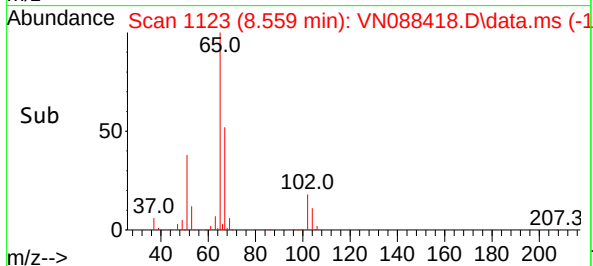
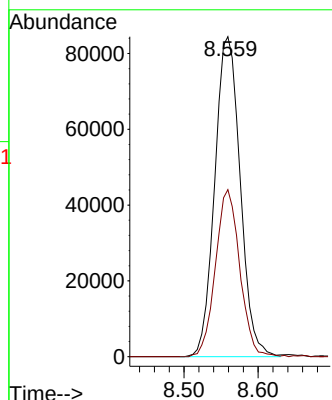
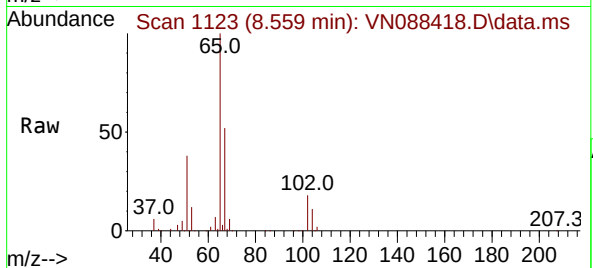
VN1203WBL01

Tgt Ion: 65 Resp: 201444

Ion Ratio Lower Upper

65 100

67 49.9 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088418.D

Acq: 03 Dec 2025 11:03

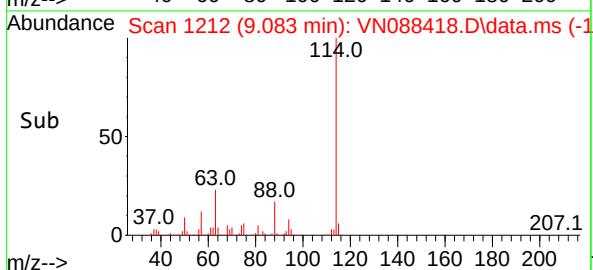
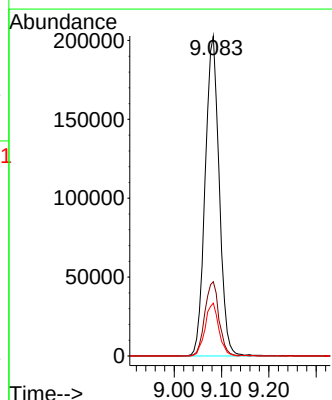
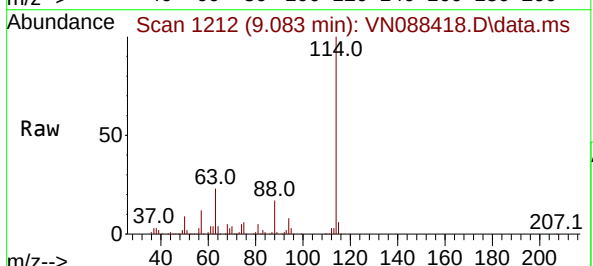
Tgt Ion: 114 Resp: 416539

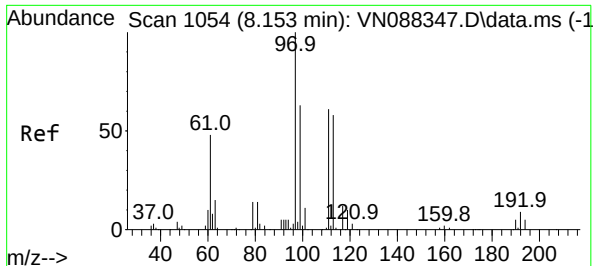
Ion Ratio Lower Upper

114 100

63 23.2 0.0 49.0

88 16.5 0.0 34.0

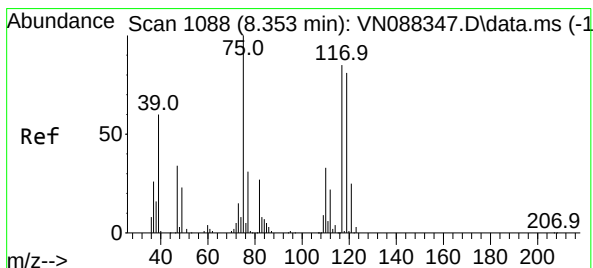
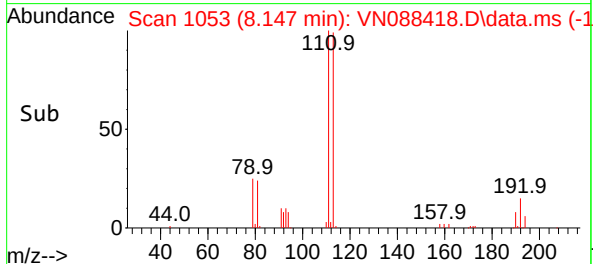
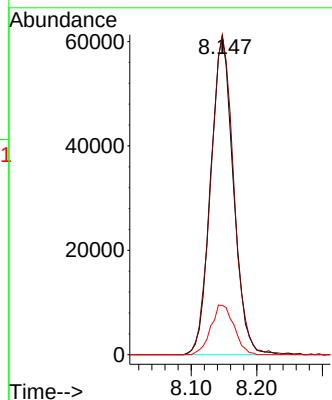
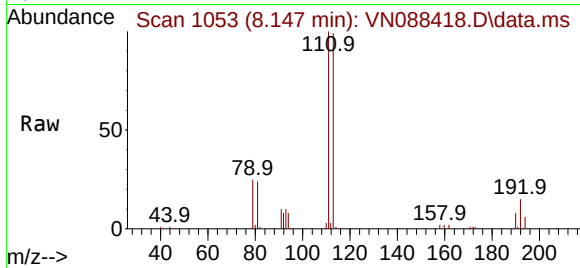




#35
Dibromofluoromethane
Concen: 50.718 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088418.D
Acq: 03 Dec 2025 11:03

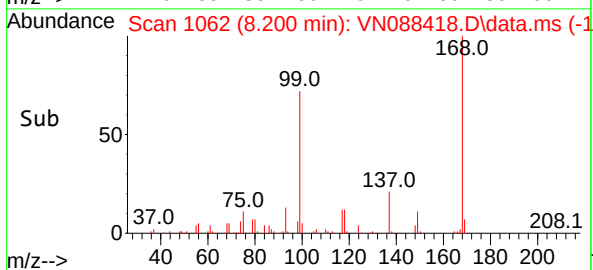
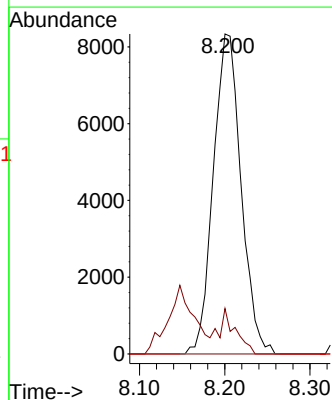
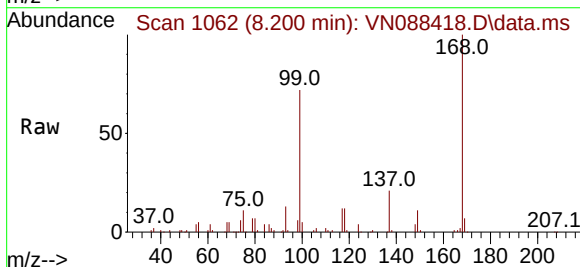
Instrument :
MSVOA_N
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VN1203WBL01

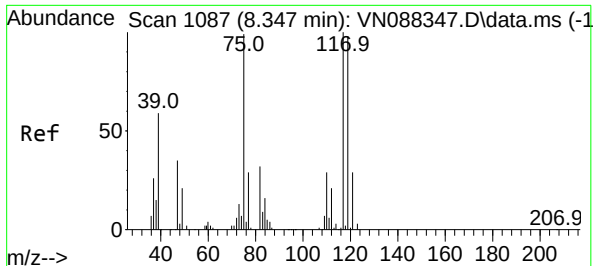
Tgt Ion:113 Resp: 146402
Ion Ratio Lower Upper
113 100
111 101.7 82.5 123.7
192 15.9 12.8 19.2



#36
1,1-Dichloropropene
Concen: 4.231 ug/l
RT: 8.200 min Scan# 1062
Delta R.T. -0.153 min
Lab File: VN088418.D
Acq: 03 Dec 2025 11:03

Tgt Ion: 75 Resp: 18851
Ion Ratio Lower Upper
75 100
110 8.5 15.8 47.4#
77 0.0 24.2 36.2#

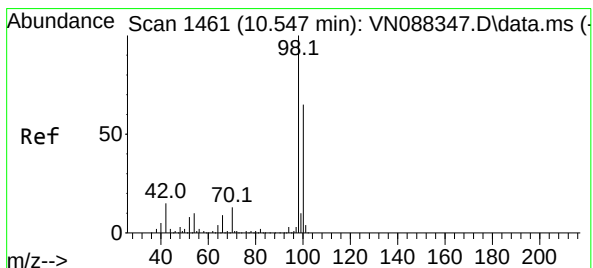
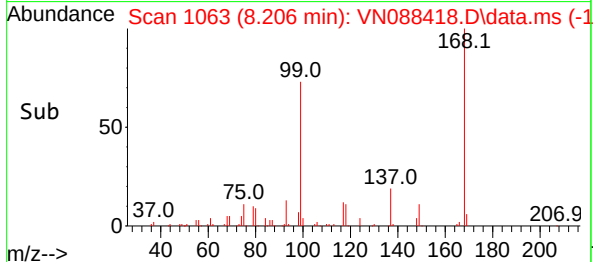
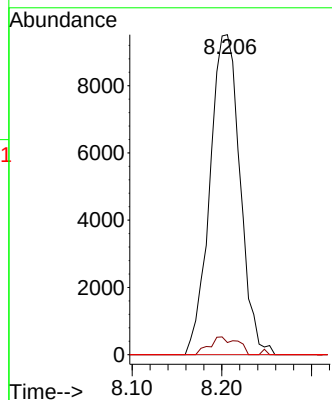
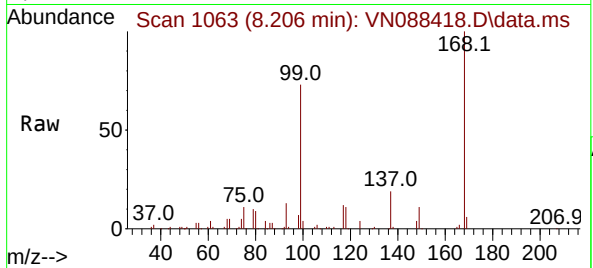




#38
Carbon Tetrachloride
Concen: 5.006 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.141 min
Lab File: VN088418.D
Acq: 03 Dec 2025 11:03

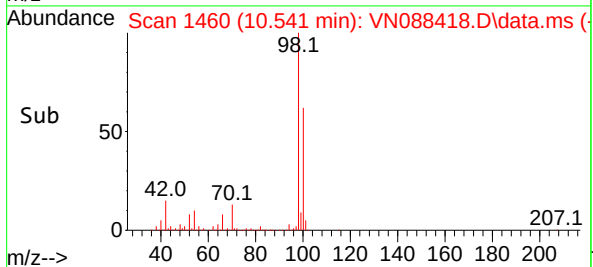
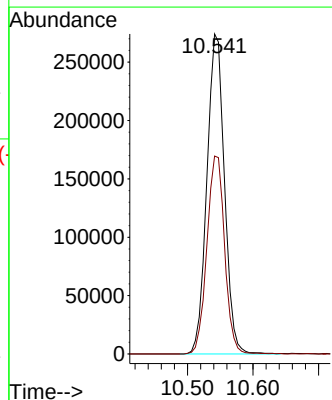
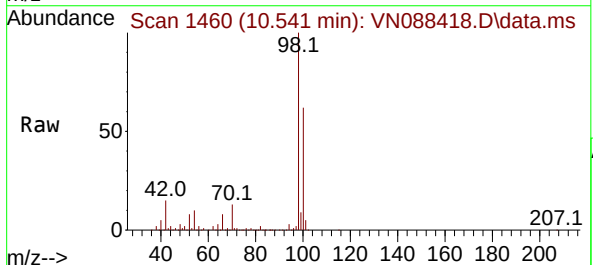
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ClientSampleId :
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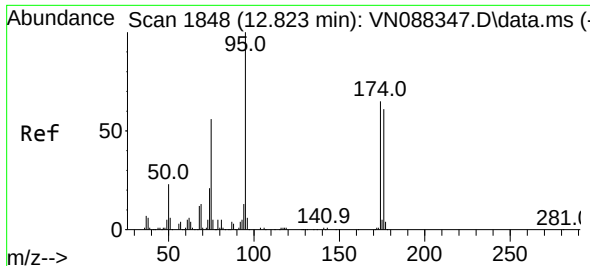
Tgt Ion:117 Resp: 22200
Ion Ratio Lower Upper
117 100
119 3.8 78.2 117.4#
121 0.0 23.4 35.2#



#50
Toluene-d8
Concen: 47.603 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088418.D
Acq: 03 Dec 2025 11:03

Tgt Ion: 98 Resp: 511270
Ion Ratio Lower Upper
98 100
100 62.3 52.2 78.2

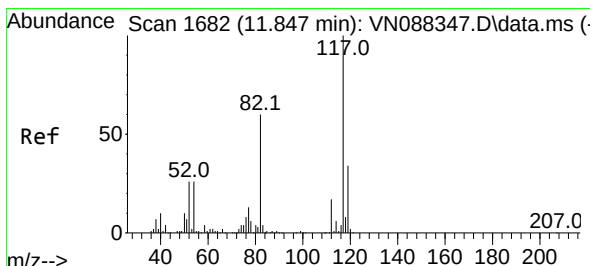
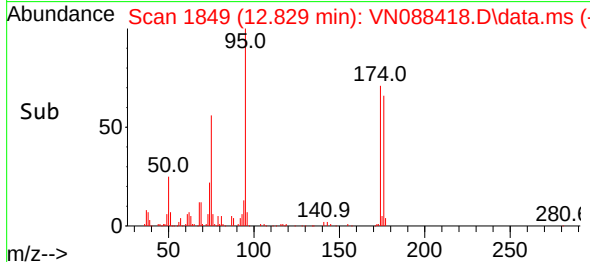
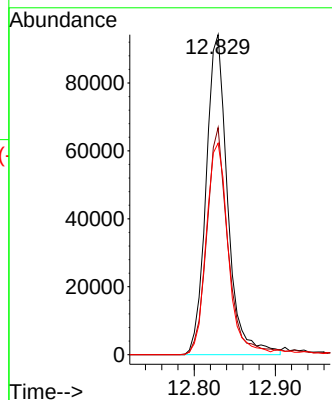
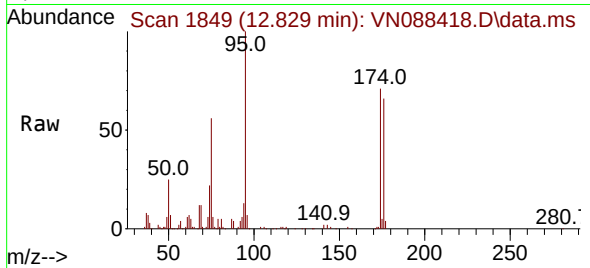




#62
4-Bromofluorobenzene
Concen: 47.075 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088418.D
Acq: 03 Dec 2025 11:03

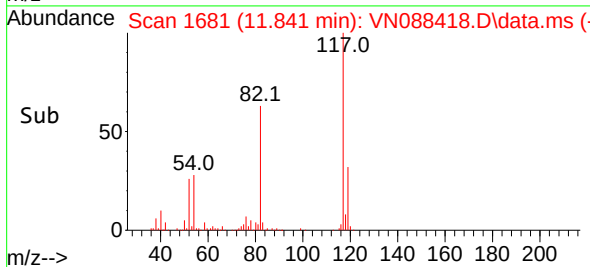
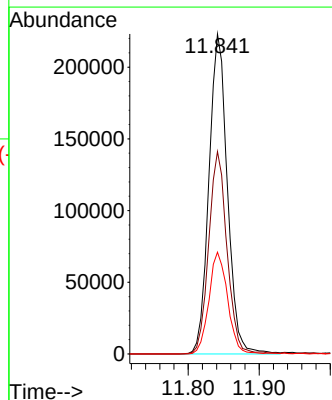
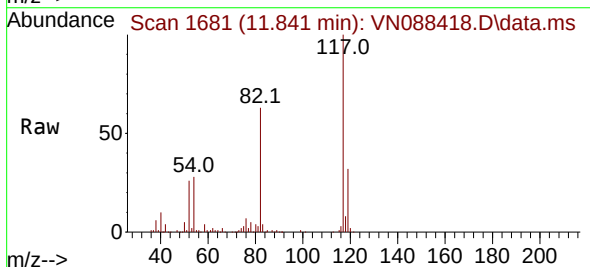
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBL01

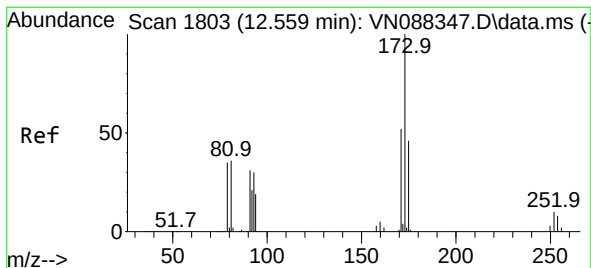
Tgt Ion: 95 Resp: 173481
Ion Ratio Lower Upper
95 100
174 70.2 0.0 139.0
176 67.4 0.0 132.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN088418.D
Acq: 03 Dec 2025 11:03

Tgt Ion: 117 Resp: 402638
Ion Ratio Lower Upper
117 100
82 63.3 47.8 71.8
119 31.8 26.9 40.3





#71

Bromoform

Concen: 0.693 ug/l

RT: 12.824 min Scan# 11

Delta R.T. 0.265 min

Lab File: VN088418.D

Acq: 03 Dec 2025 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBL01

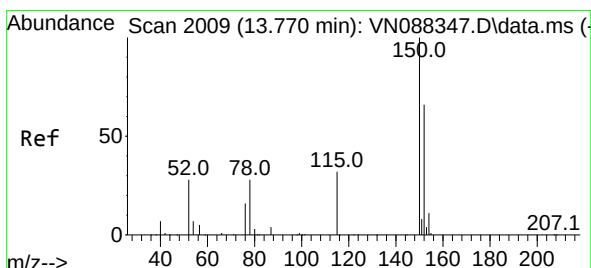
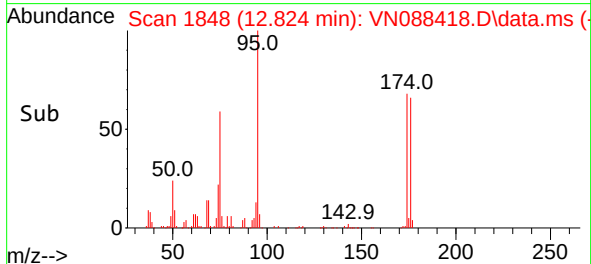
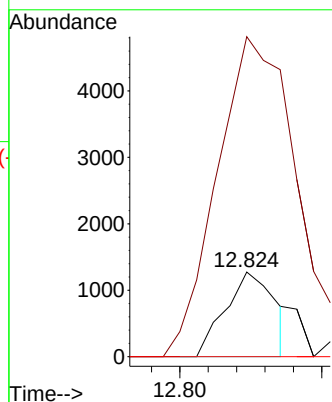
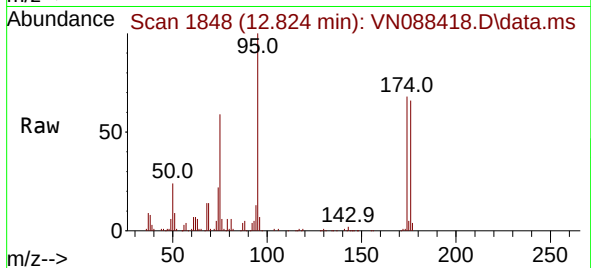
Tgt Ion:173 Resp: 1549

Ion Ratio Lower Upper

173 100

175 486.1 23.9 71.8#

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.771 min Scan# 2009

Delta R.T. 0.000 min

Lab File: VN088418.D

Acq: 03 Dec 2025 11:03

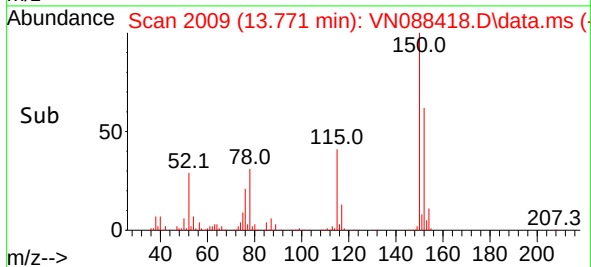
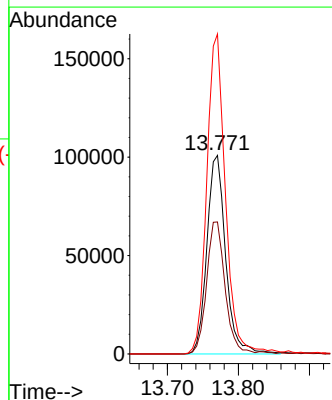
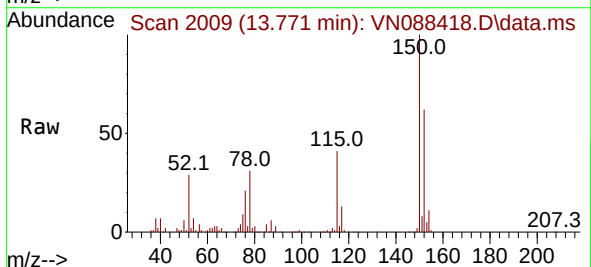
Tgt Ion:152 Resp: 186090

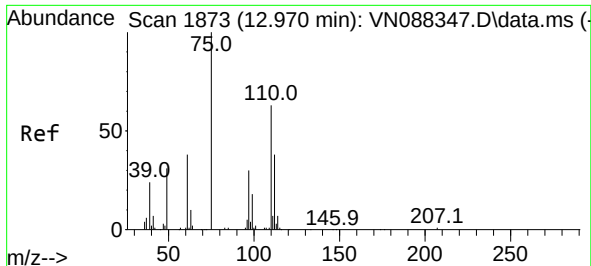
Ion Ratio Lower Upper

152 100

115 65.3 33.0 98.9

150 159.4 0.0 349.0

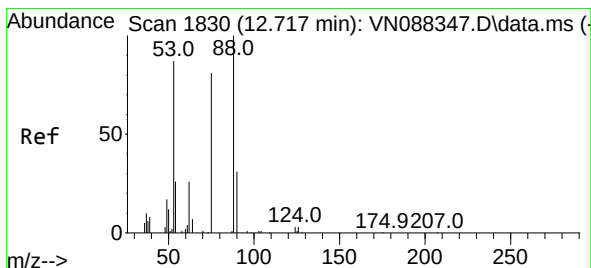
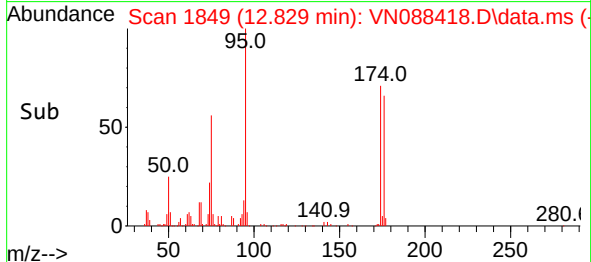
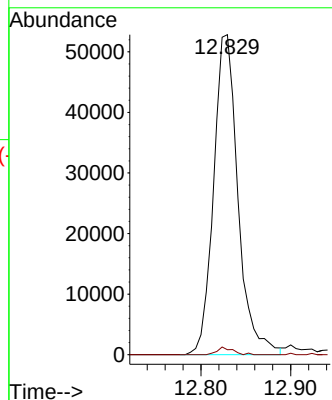
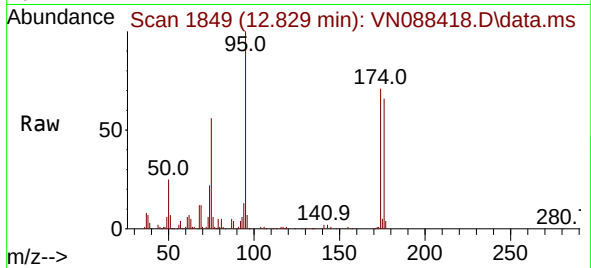




#76
 1,2,3-Trichloropropane
 Concen: 22.903 ug/l
 RT: 12.829 min Scan# 1849
 Delta R.T. -0.141 min
 Lab File: VN088418.D
 Acq: 03 Dec 2025 11:03

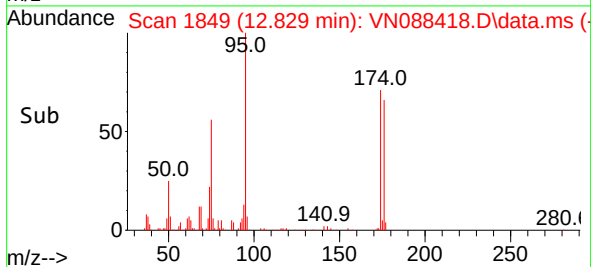
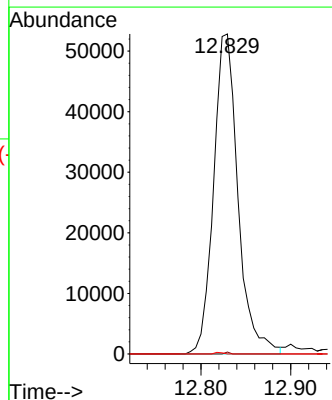
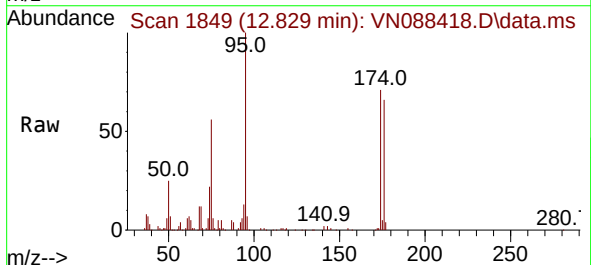
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBL01

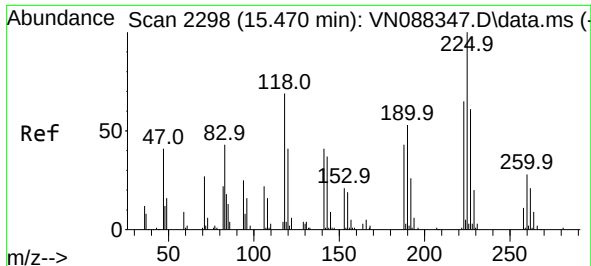
Tgt Ion: 75 Resp: 99822
 Ion Ratio Lower Upper
 75 100
 77 1.5 87.2 261.6#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.973 ug/l
 RT: 12.829 min Scan# 1849
 Delta R.T. 0.112 min
 Lab File: VN088418.D
 Acq: 03 Dec 2025 11:03

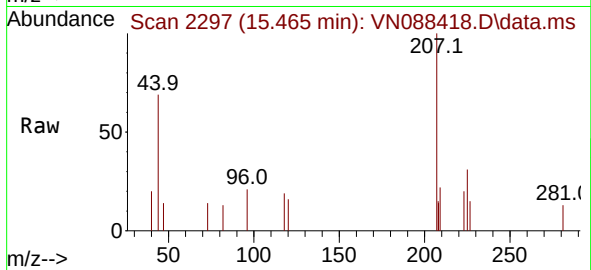
Tgt Ion: 75 Resp: 99822
 Ion Ratio Lower Upper
 75 100
 53 0.1 92.2 138.4#
 89 0.2 0.0 0.0#





#94
 Hexachlorobutadiene
 Concen: 0.246 ug/l
 RT: 15.465 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN088418.D
 Acq: 03 Dec 2025 11:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBL01



Tgt Ion:	225	Resp:	303
Ion	Ratio	Lower	Upper
225	100		
223	82.5	32.3	96.8
227	91.4	29.9	89.8

