

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110725\
 Data File : VN088232.D
 Acq On : 07 Nov 2025 15:15
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Quant Time: Nov 08 01:56:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 03 01:16:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	213631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	484264	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	461845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	215066	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	221675	60.007	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	120.020%	
35) Dibromofluoromethane	8.147	113	171185	52.619	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	105.240%	
50) Toluene-d8	10.547	98	620337	49.486	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	98.980%	
62) 4-Bromofluorobenzene	12.829	95	234318	52.928	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	105.860%	

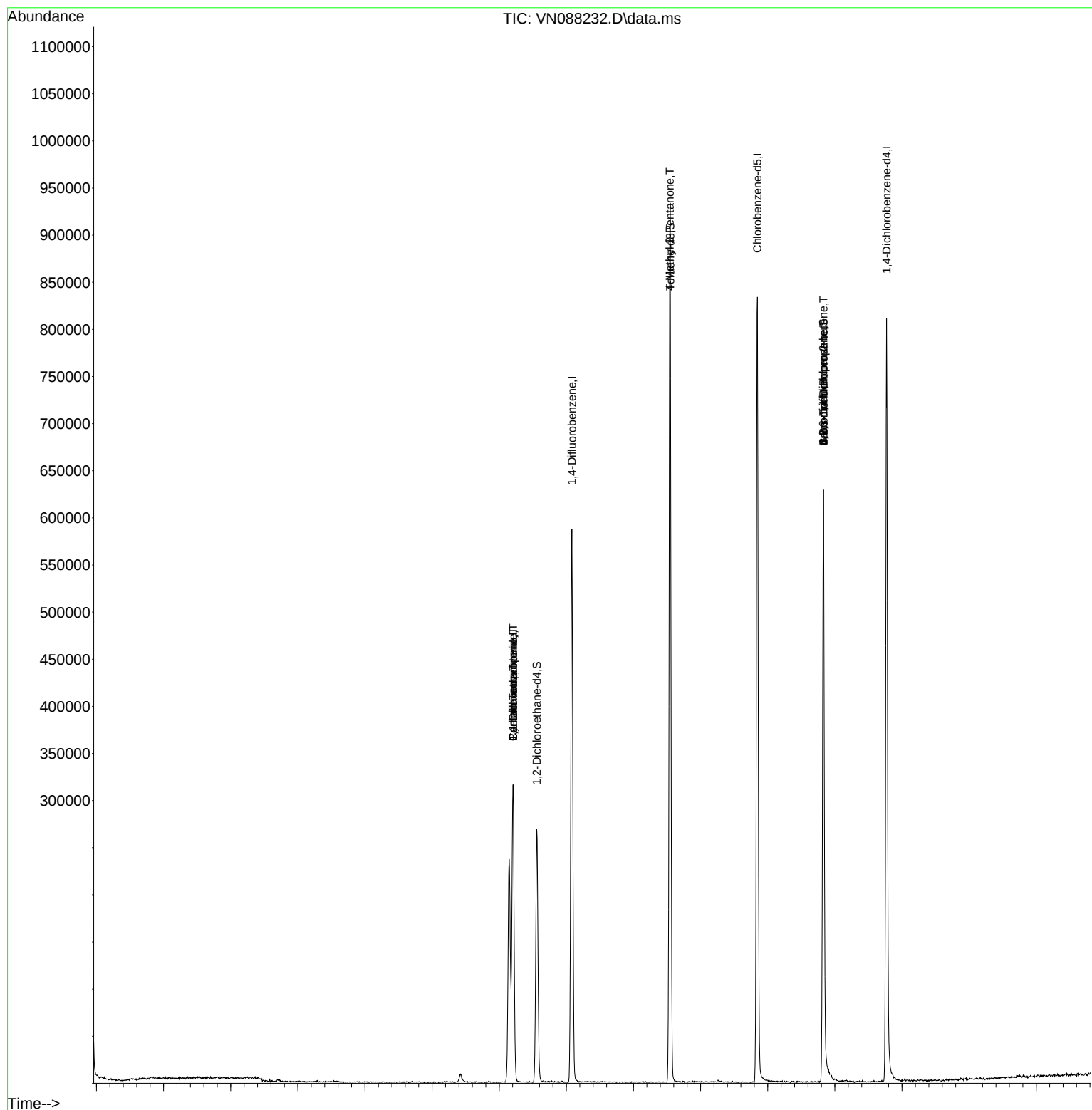
Target Compounds					Qvalue
16) Acetone	4.400	43	797	0.429	ug/l 98
17) Carbon Disulfide	4.694	76	2204	0.270	ug/l # 90
18) Methyl Acetate	5.024	43	1181	0.311	ug/l # 54
31) Cyclohexane	8.206	56	6563	1.269	ug/l # 46
36) 1,1-Dichloropropene	8.206	75	20609	4.339	ug/l # 53
38) Carbon Tetrachloride	8.206	117	24589	5.012	ug/l # 14
51) 4-Methyl-2-Pentanone	10.541	43	3659	0.657	ug/l # 1
71) Bromoform	12.829	173	1131	0.441	ug/l # 1
76) 1,2,3-Trichloropropane	12.829	75	131351	26.713	ug/l # 1
81) trans-1,4-Dichloro-2-b...	12.829	75	131351	74.517	ug/l # 1

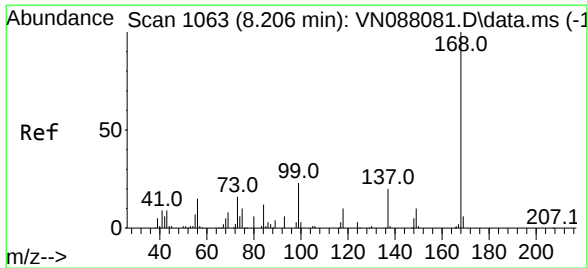
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110725\
Data File : VN088232.D
Acq On : 07 Nov 2025 15:15
Operator : JC\MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Quant Time: Nov 08 01:56:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

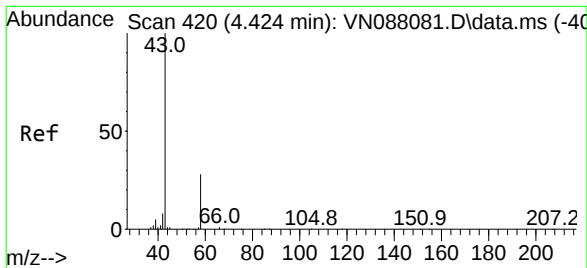
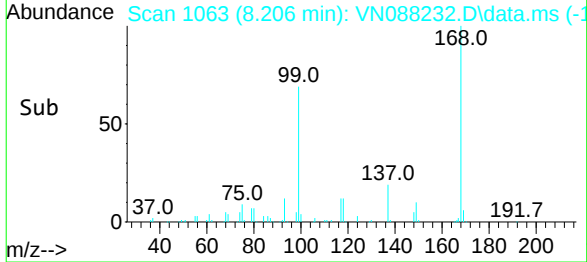
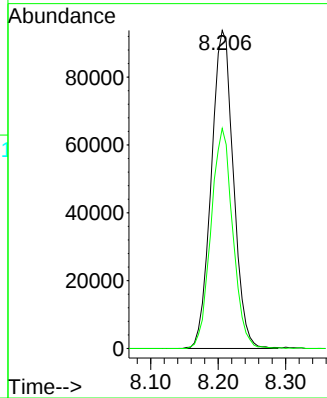
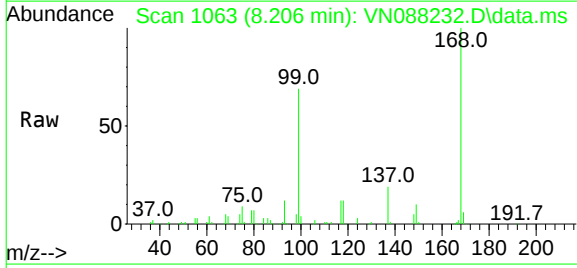




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN088232.D
Acq: 07 Nov 2025 15:15

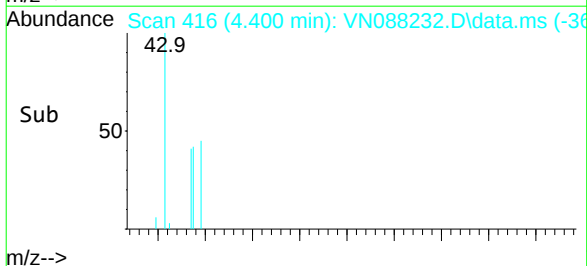
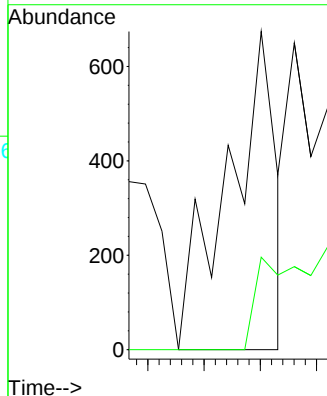
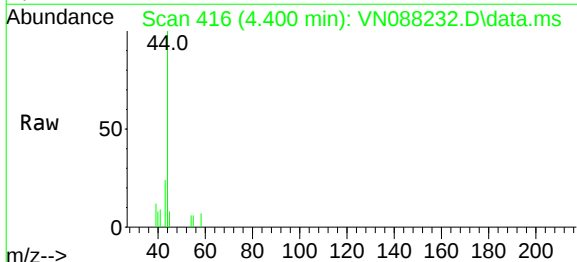
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

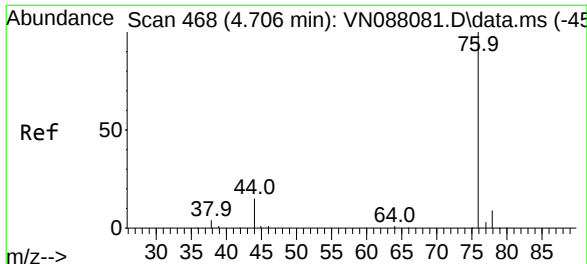
Tgt Ion:168 Resp: 213631
Ion Ratio Lower Upper
168 100
99 69.2 57.2 85.8



#16
Acetone
Concen: 0.429 ug/l
RT: 4.400 min Scan# 416
Delta R.T. -0.024 min
Lab File: VN088232.D
Acq: 07 Nov 2025 15:15

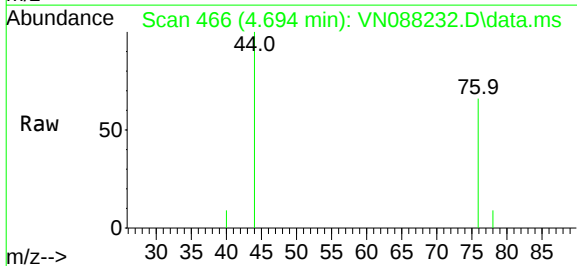
Tgt Ion: 43 Resp: 797
Ion Ratio Lower Upper
43 100
58 29.1 22.6 33.8



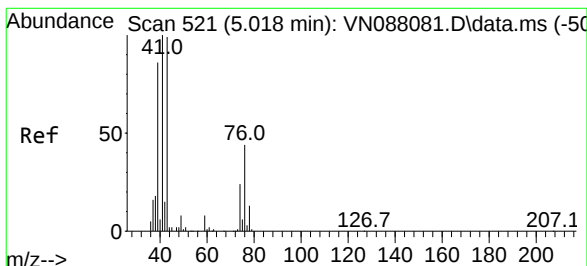
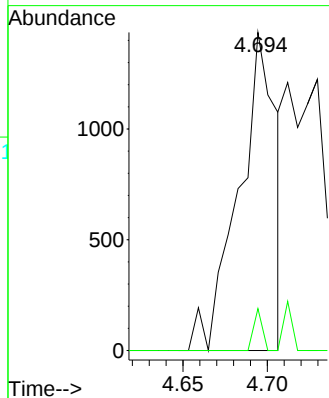
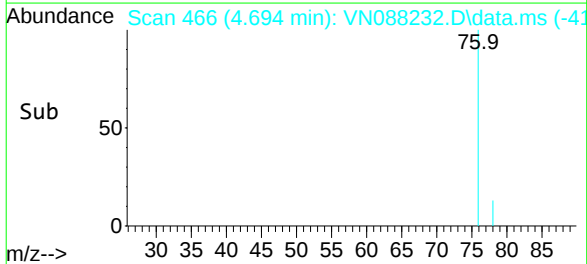


#17
Carbon Disulfide
Concen: 0.270 ug/l
RT: 4.694 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN088232.D
Acq: 07 Nov 2025 15:15

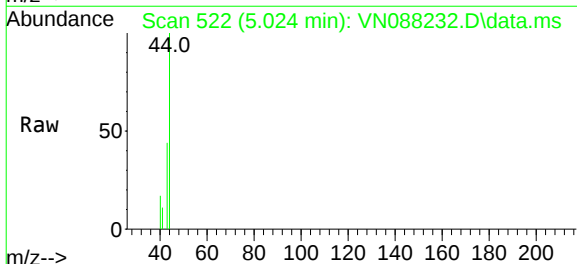
Instrument :
MSVOA_N
ClientSampleId :
VIBLK



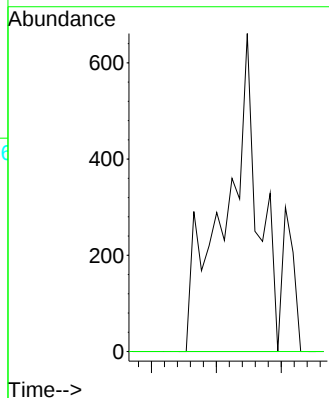
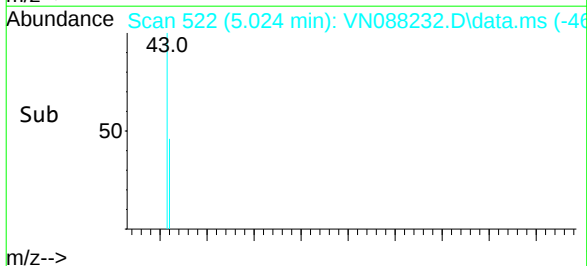
Tgt Ion: 76 Resp: 2204
Ion Ratio Lower Upper
76 100
78 13.2 7.6 11.4#

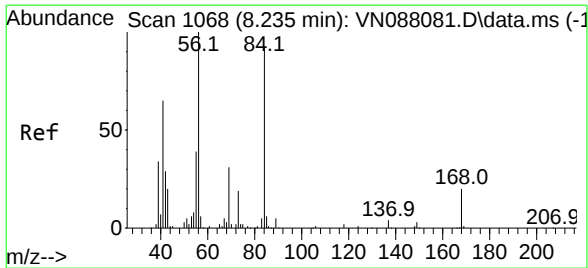


#18
Methyl Acetate
Concen: 0.311 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN088232.D
Acq: 07 Nov 2025 15:15



Tgt Ion: 43 Resp: 1181
Ion Ratio Lower Upper
43 100
74 0.0 17.6 26.4#





#31

Cyclohexane

Concen: 1.269 ug/l

RT: 8.206 min Scan# 10

Delta R.T. -0.030 min

Lab File: VN088232.D

Acq: 07 Nov 2025 15:15

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

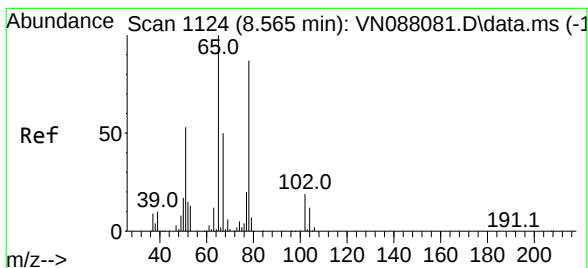
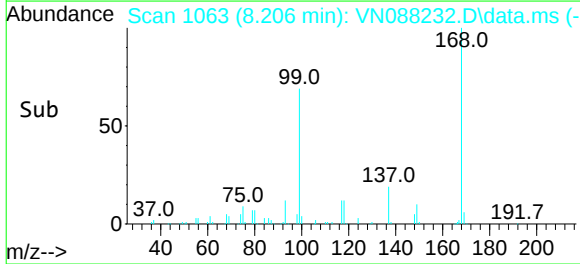
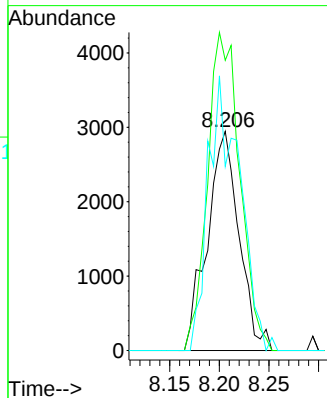
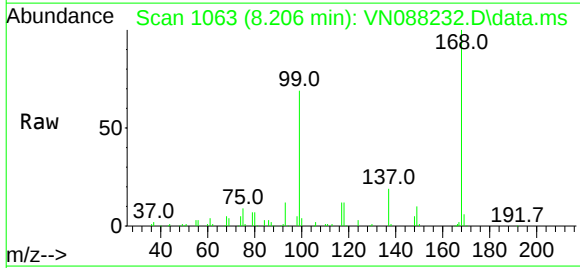
Tgt Ion: 56 Resp: 6563

Ion Ratio Lower Upper

56 100

69 132.4 23.7 35.5#

84 84.0 64.7 97.1



#33

1,2-Dichloroethane-d4

Concen: 60.007 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088232.D

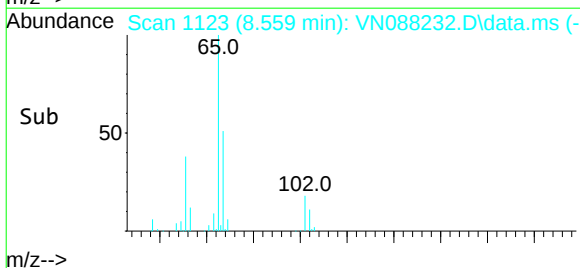
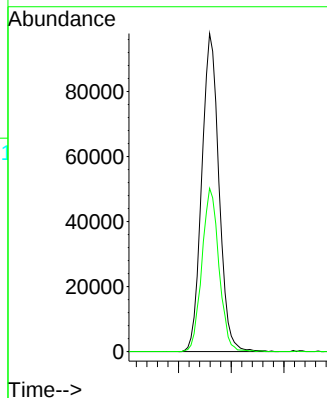
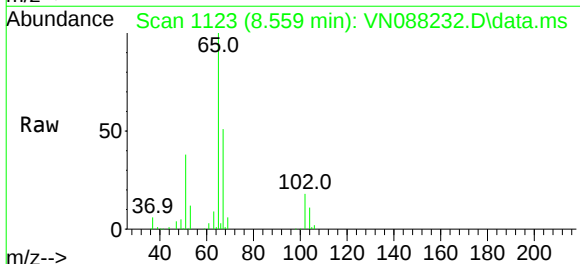
Acq: 07 Nov 2025 15:15

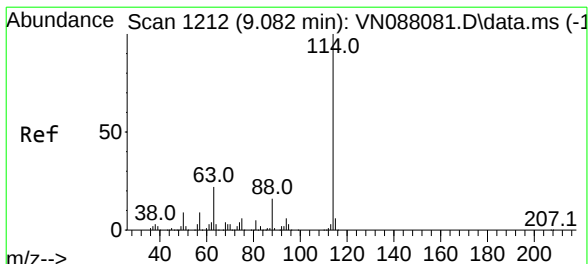
Tgt Ion: 65 Resp: 221675

Ion Ratio Lower Upper

65 100

67 50.9 0.0 100.0

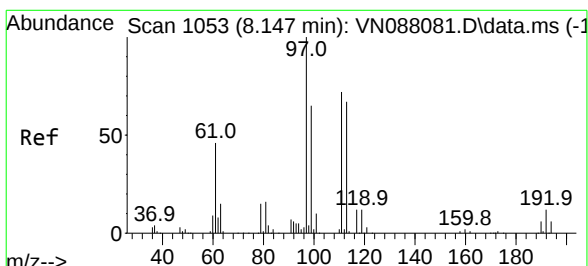
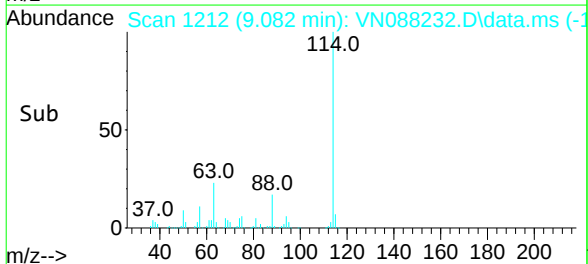
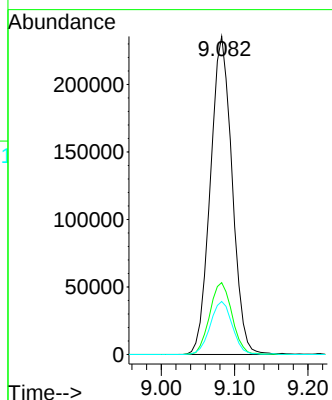
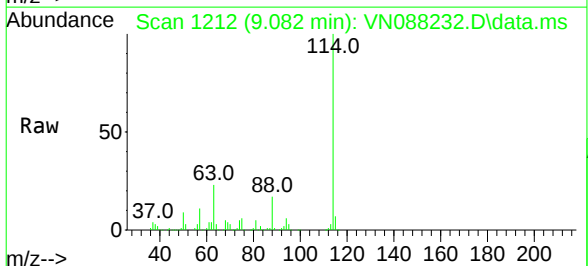




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.082 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: VN088232.D
 Acq: 07 Nov 2025 15:15

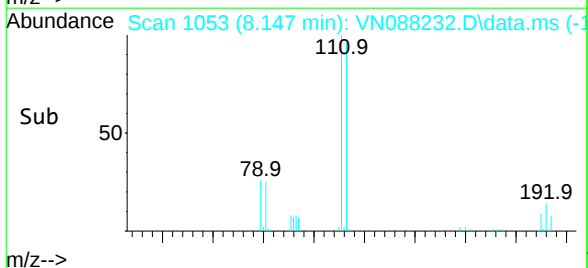
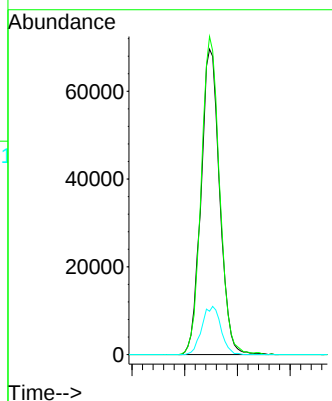
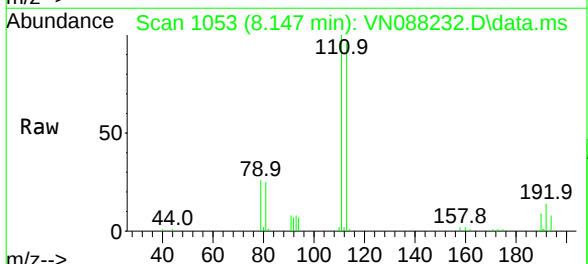
Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

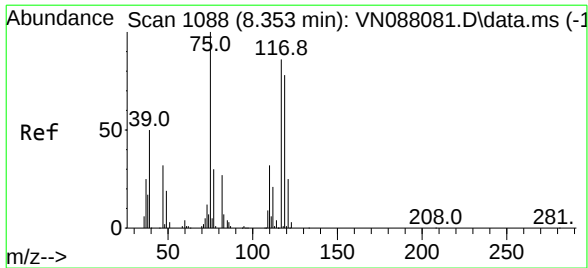
Tgt Ion:	114	Resp:	484264
Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	45.2
88	16.7	0.0	33.4



#35
 Dibromofluoromethane
 Concen: 52.619 ug/l
 RT: 8.147 min Scan# 1053
 Delta R.T. -0.006 min
 Lab File: VN088232.D
 Acq: 07 Nov 2025 15:15

Tgt Ion:	113	Resp:	171185
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.8	124.2
192	16.1	12.8	19.2

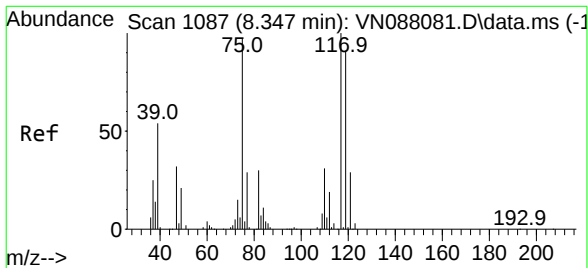
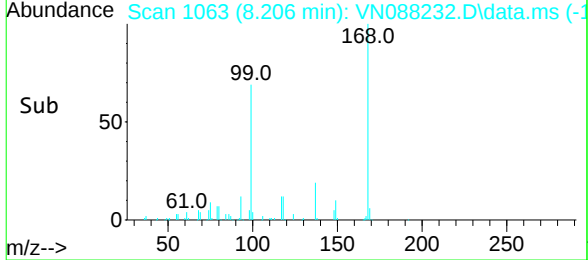
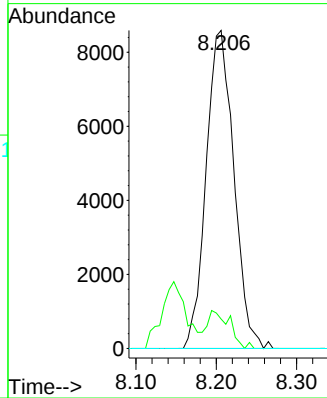
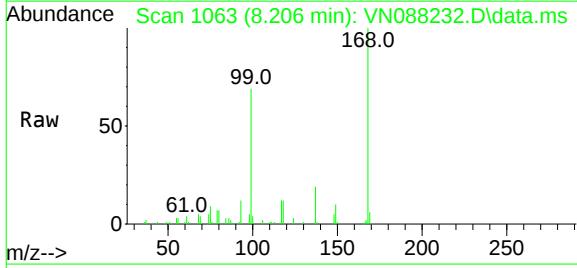




#36
 1,1-Dichloropropene
 Concen: 4.339 ug/l
 RT: 8.206 min Scan# 1063
 Delta R.T. -0.147 min
 Lab File: VN088232.D
 Acq: 07 Nov 2025 15:15

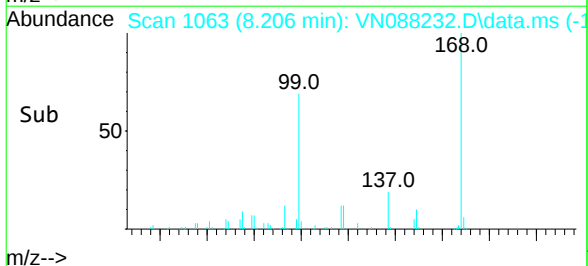
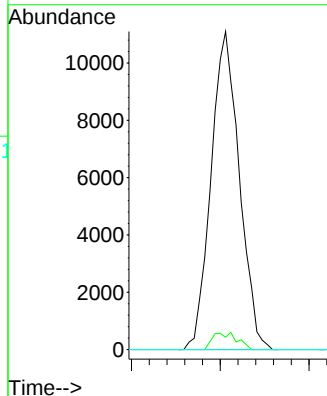
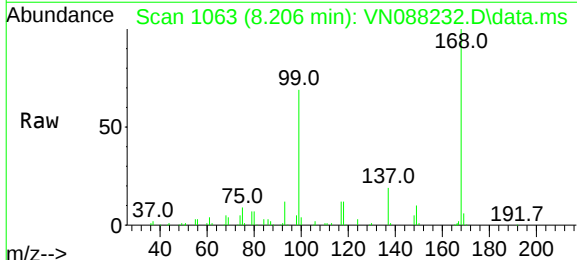
Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

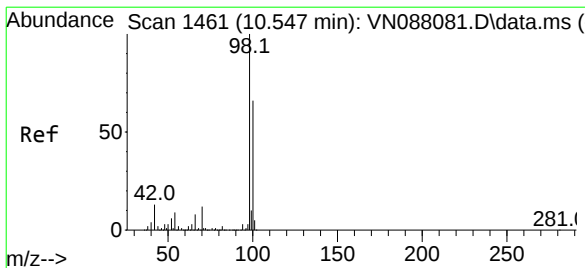
Tgt Ion:	75	Resp:	20609
Ion	Ratio	Lower	Upper
75	100		
110	10.2	15.9	47.6#
77	0.0	24.4	36.6#



#38
 Carbon Tetrachloride
 Concen: 5.012 ug/l
 RT: 8.206 min Scan# 1063
 Delta R.T. -0.135 min
 Lab File: VN088232.D
 Acq: 07 Nov 2025 15:15

Tgt Ion:	117	Resp:	24589
Ion	Ratio	Lower	Upper
117	100		
119	3.9	79.0	118.6#
121	0.0	25.0	37.6#





#50

Toluene-d8

Concen: 49.486 ug/l

RT: 10.547 min Scan# 14

Delta R.T. -0.000 min

Lab File: VN088232.D

Acq: 07 Nov 2025 15:15

Instrument :

MSVOA_N

ClientSampleId :

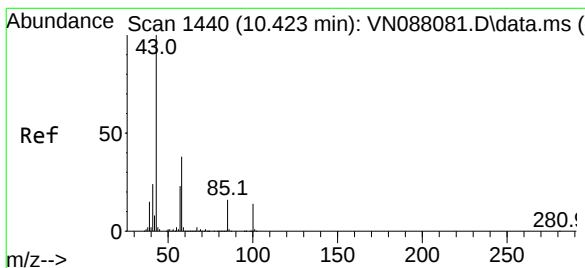
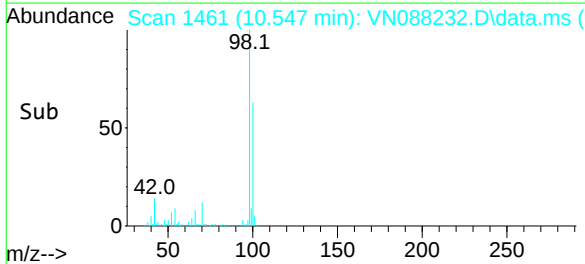
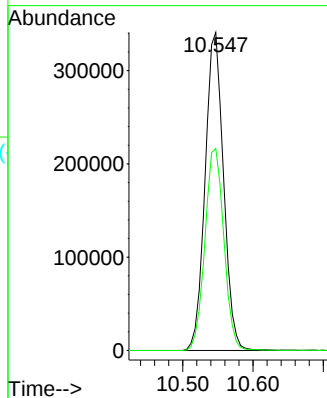
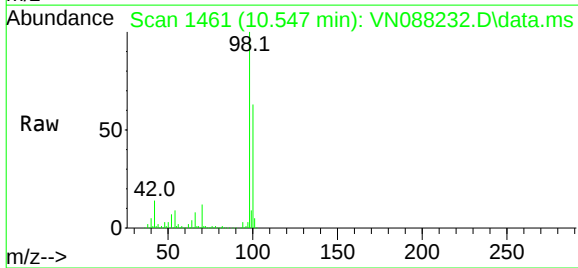
VIBLK

Tgt Ion: 98 Resp: 620337

Ion Ratio Lower Upper

98 100

100 65.5 52.8 79.2



#51

4-Methyl-2-Pentanone

Concen: 0.657 ug/l

RT: 10.541 min Scan# 1460

Delta R.T. 0.117 min

Lab File: VN088232.D

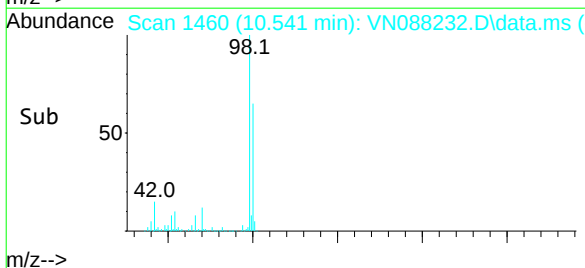
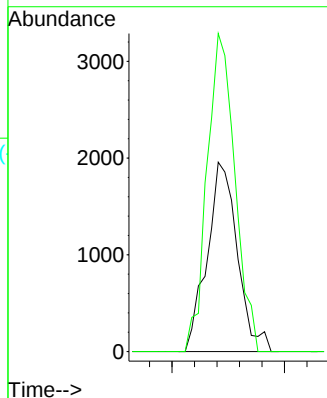
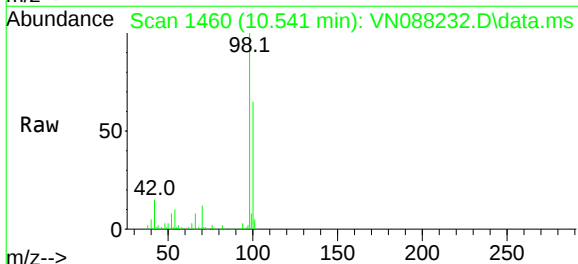
Acq: 07 Nov 2025 15:15

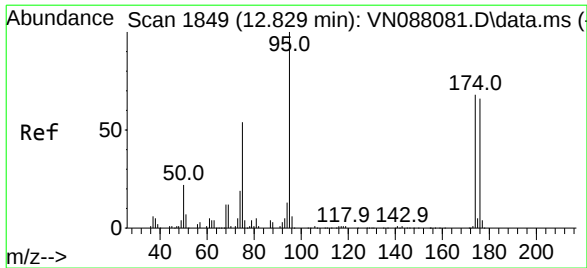
Tgt Ion: 43 Resp: 3659

Ion Ratio Lower Upper

43 100

58 154.8 29.6 44.4#

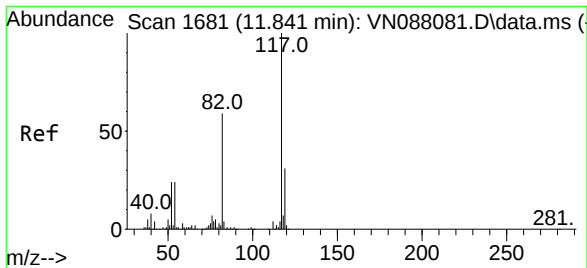
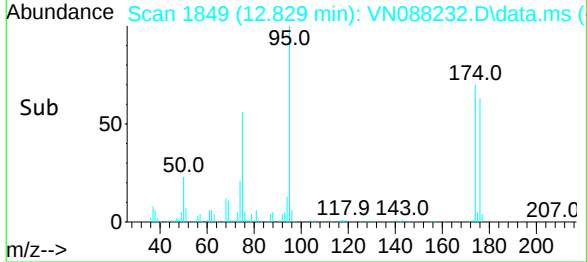
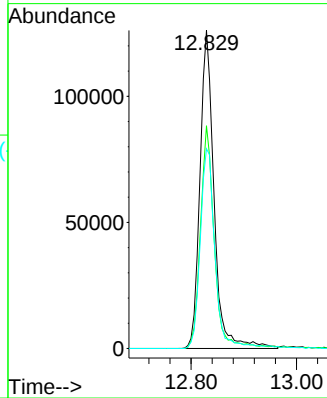
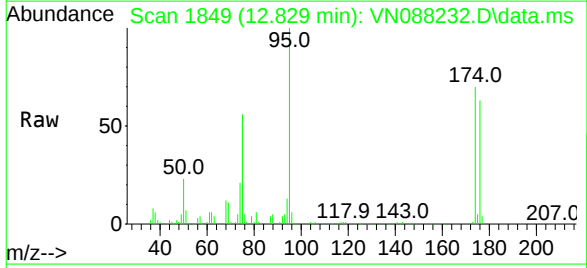




#62
4-Bromofluorobenzene
Concen: 52.928 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088232.D
Acq: 07 Nov 2025 15:15

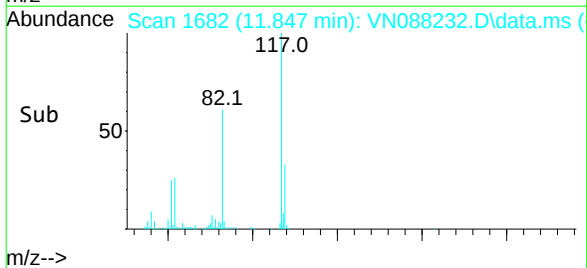
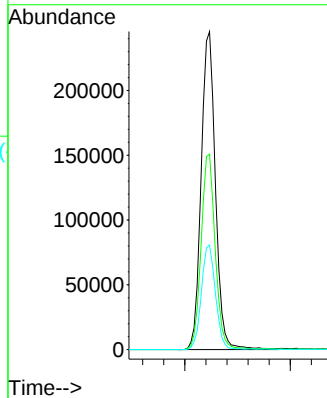
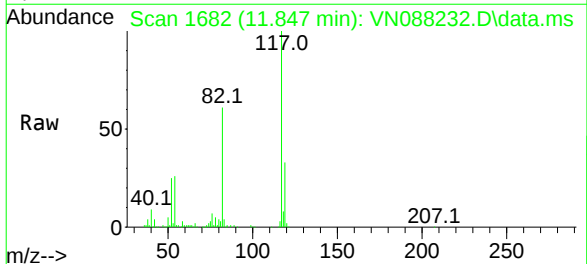
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

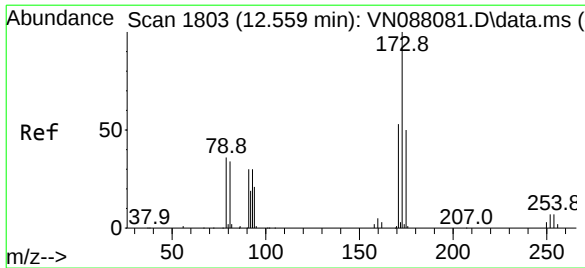
Tgt Ion: 95 Resp: 234318
Ion Ratio Lower Upper
95 100
174 68.0 0.0 138.4
176 66.3 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN088232.D
Acq: 07 Nov 2025 15:15

Tgt Ion: 117 Resp: 461845
Ion Ratio Lower Upper
117 100
82 61.5 47.4 71.2
119 32.9 24.3 36.5





#71

Bromoform

Concen: 0.441 ug/l

RT: 12.829 min Scan# 18

Delta R.T. 0.270 min

Lab File: VN088232.D

Acq: 07 Nov 2025 15:15

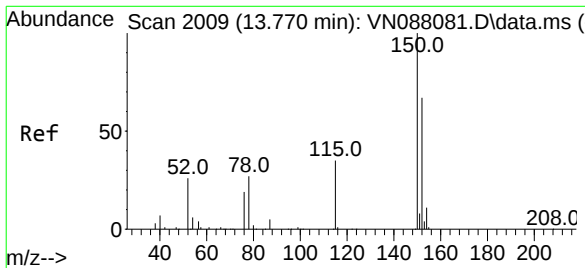
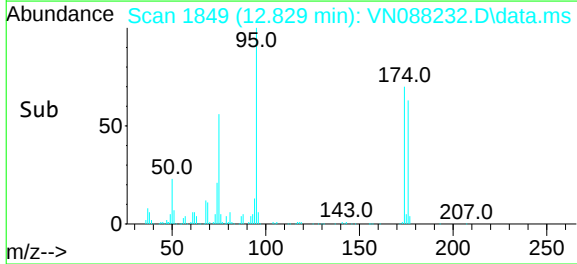
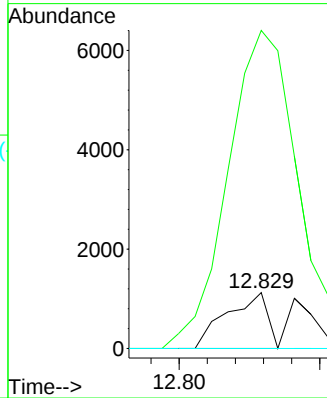
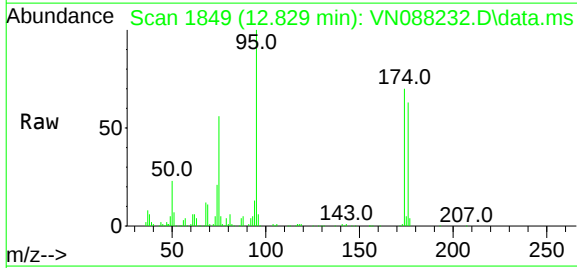
Instrument :

MSVOA_N

ClientSampleId :

VIBLK

Tgt Ion:	173	Resp:	1131
Ion Ratio	Lower	Upper	
173	100		
175	751.7	24.9	74.6#
254	0.0	0.1	0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

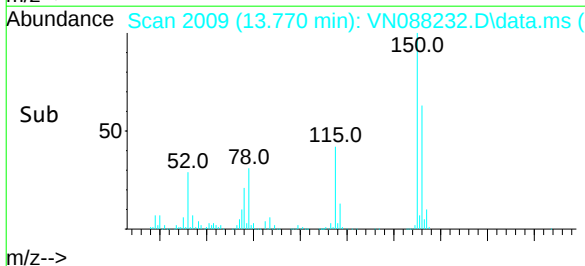
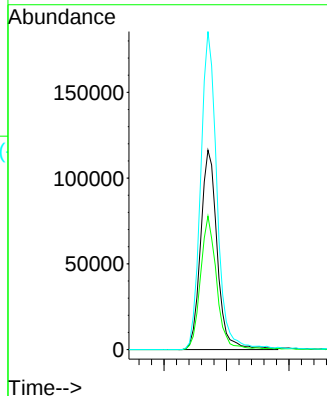
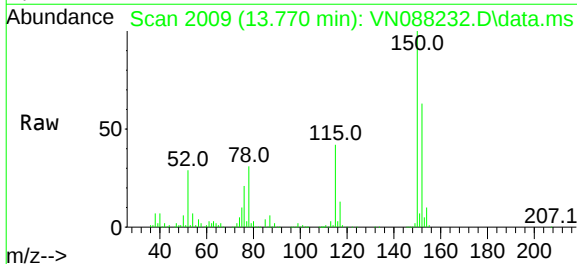
RT: 13.770 min Scan# 2009

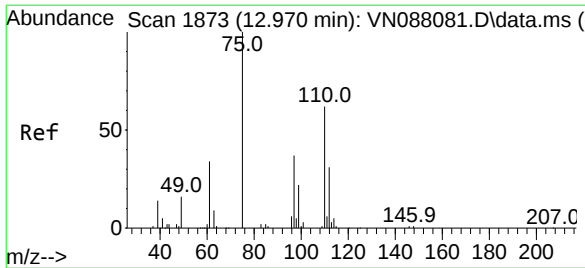
Delta R.T. 0.006 min

Lab File: VN088232.D

Acq: 07 Nov 2025 15:15

Tgt Ion:	152	Resp:	215066
Ion Ratio	Lower	Upper	
152	100		
115	65.0	32.3	96.8
150	156.5	0.0	351.0

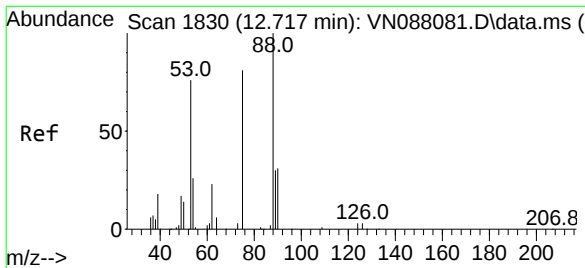
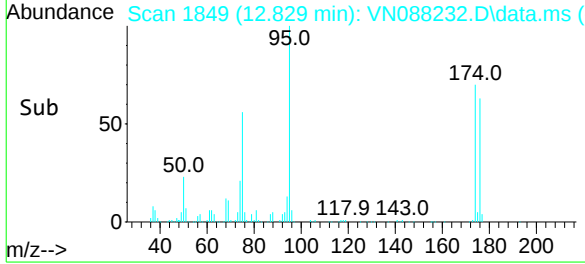
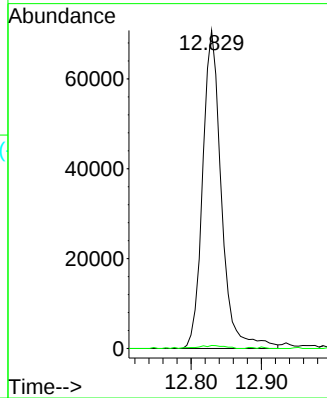
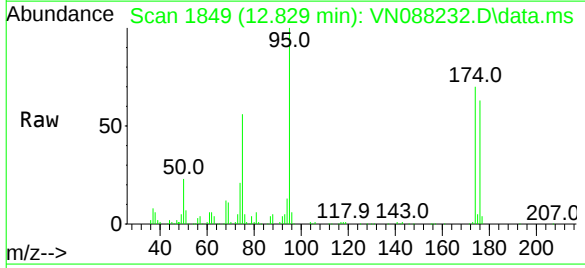




#76
1,2,3-Trichloropropane
Concen: 26.713 ug/l
RT: 12.829 min Scan# 1873
Delta R.T. -0.141 min
Lab File: VN088232.D
Acq: 07 Nov 2025 15:15

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 131351
Ion Ratio Lower Upper
75 100
77 1.3 89.1 267.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.517 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.112 min
Lab File: VN088232.D
Acq: 07 Nov 2025 15:15

Tgt Ion: 75 Resp: 131351
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 35.6 53.4#

