

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121625\
 Data File : VN088526.D
 Acq On : 16 Dec 2025 14:26
 Operator : JC\MD
 Sample : Q3852-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AI COVE 15&16 12"

Quant Time: Dec 17 01:41:42 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)

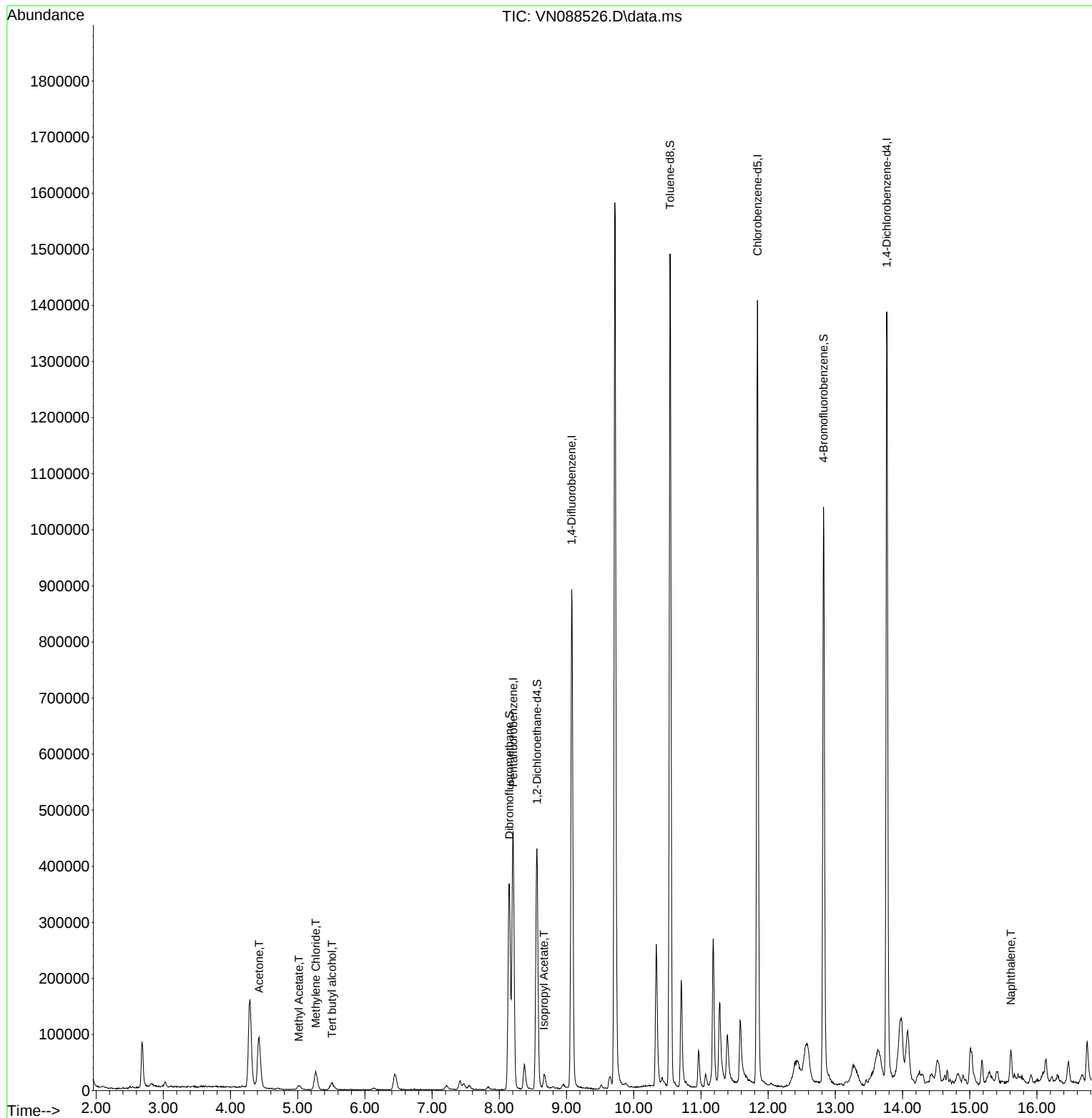
Internal Standards						
1) Pentafluorobenzene	8.206	168	313352	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.077	114	743344	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	771247	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.765	152	372177	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	371064	62.861	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 125.720%#	
35) Dibromofluoromethane	8.147	113	271709	52.745	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.500%	
50) Toluene-d8	10.541	98	997901	52.064	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.120%	
62) 4-Bromofluorobenzene	12.823	95	398566	60.604	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 121.200%#	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.512	59	20565	21.821	ug/l	95
16) Acetone	4.424	43	186386	87.308	ug/l	96
18) Methyl Acetate	5.018	43	17063	2.685	ug/l	99
20) Methylene Chloride	5.271	84	24243	5.308	ug/l	96
43) Isopropyl Acetate	8.665	43	31959	2.001	ug/l #	92
95) Naphthalene	15.612	128	59109	2.489	ug/l	96

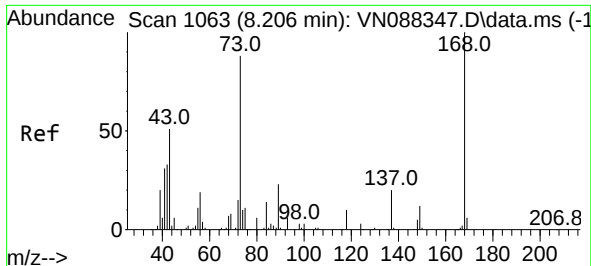
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121625\
Data File : VN088526.D
Acq On : 16 Dec 2025 14:26
Operator : JC\MD
Sample : Q3852-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
AI COVE 15&16 12"

Quant Time: Dec 17 01:41:42 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

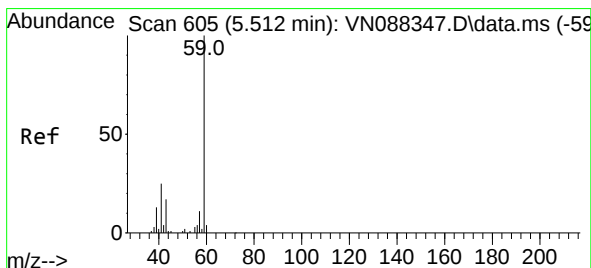
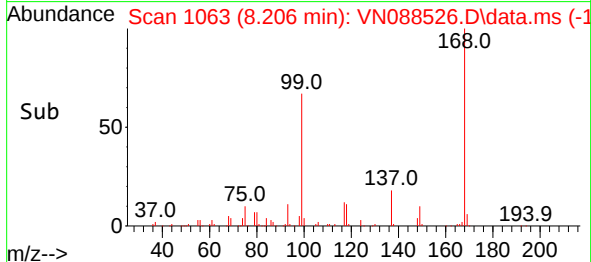
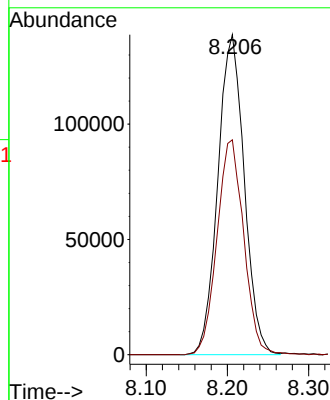
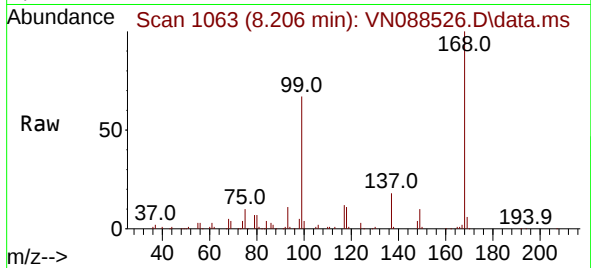




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088526.D
Acq: 16 Dec 2025 14:26

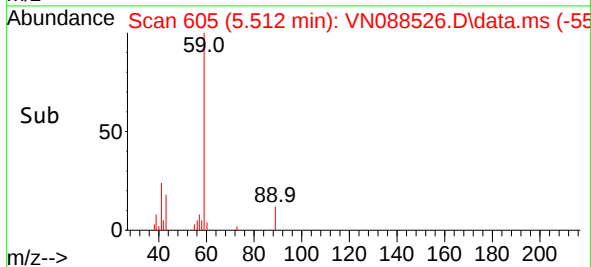
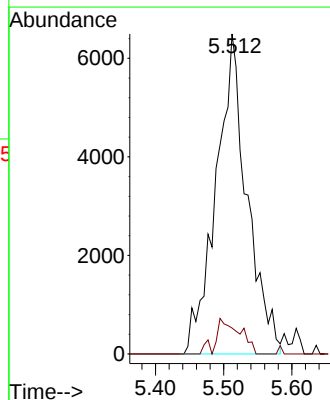
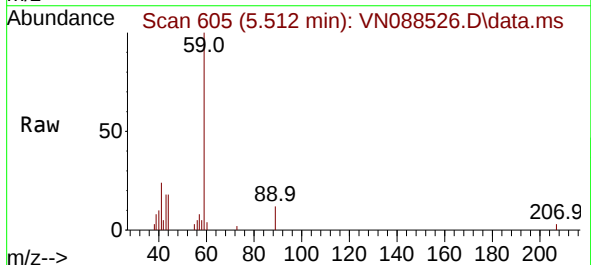
Instrument :
MSVOA_N
ClientSampleId :
AI COVE 15&16 12"

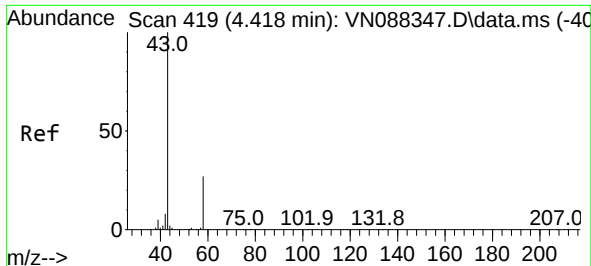
Tgt Ion:168 Resp: 313352
Ion Ratio Lower Upper
168 100
99 67.1 57.1 85.7



#11
Tert butyl alcohol
Concen: 21.821 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN088526.D
Acq: 16 Dec 2025 14:26

Tgt Ion: 59 Resp: 20565
Ion Ratio Lower Upper
59 100
57 8.6 8.5 12.7

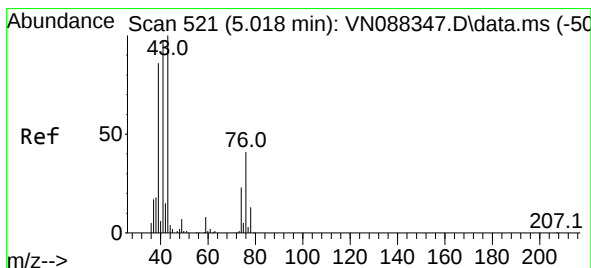
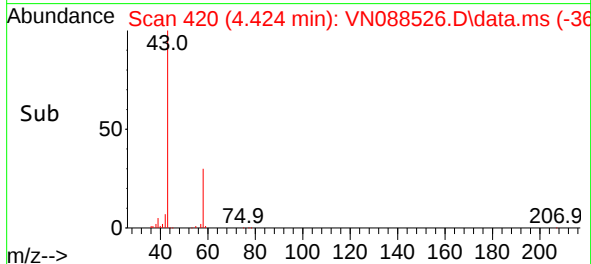
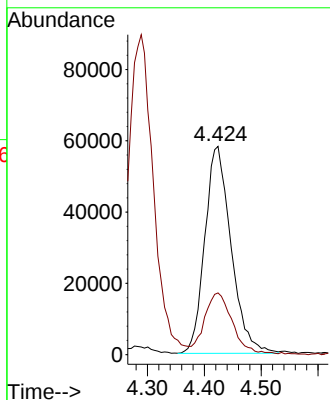
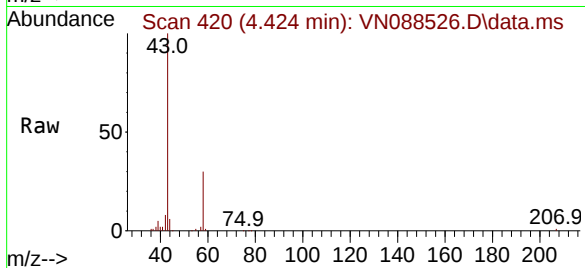




#16
Acetone
Concen: 87.308 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN088526.D
Acq: 16 Dec 2025 14:26

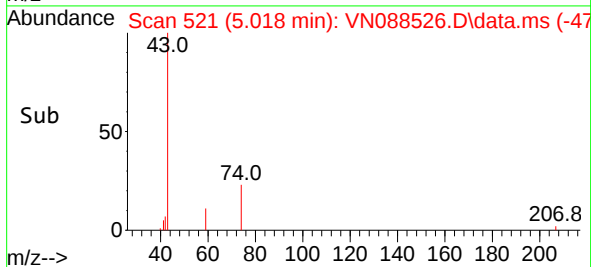
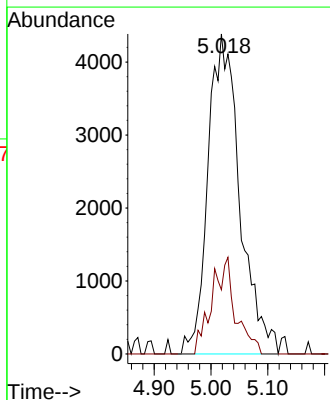
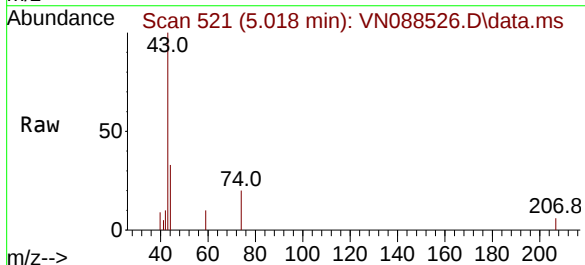
Instrument :
MSVOA_N
ClientSampleId :
AI COVE 15&16 12"

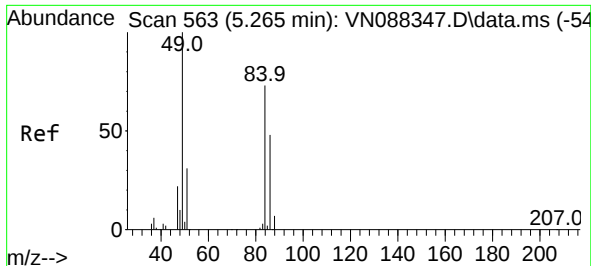
Tgt Ion: 43 Resp: 186386
Ion Ratio Lower Upper
43 100
58 29.4 21.7 32.5



#18
Methyl Acetate
Concen: 2.685 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN088526.D
Acq: 16 Dec 2025 14:26

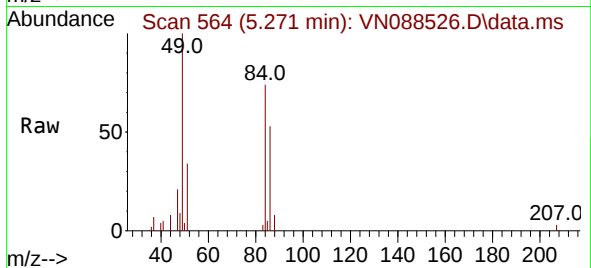
Tgt Ion: 43 Resp: 17063
Ion Ratio Lower Upper
43 100
74 22.7 17.9 26.9



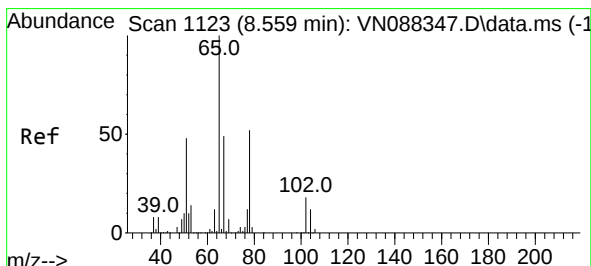
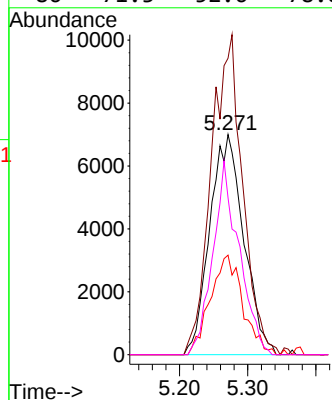
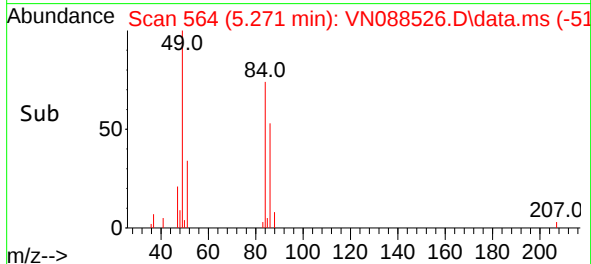


#20
Methylene Chloride
Concen: 5.308 ug/l
RT: 5.271 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN088526.D
Acq: 16 Dec 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
AI COVE 15&16 12"

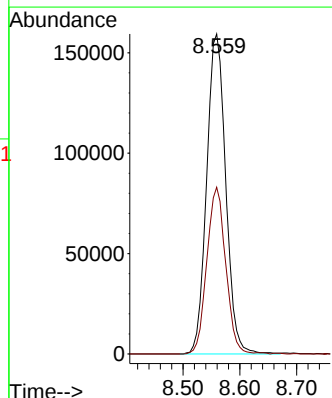
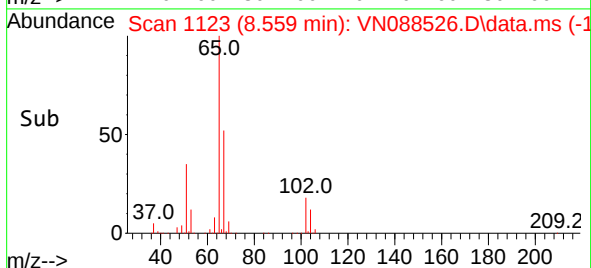
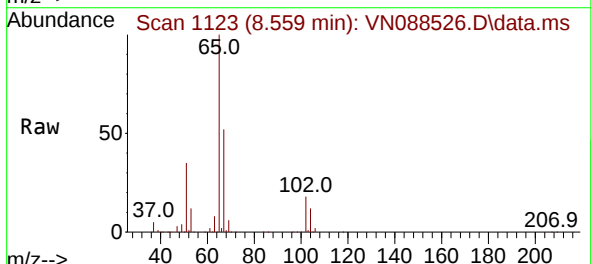


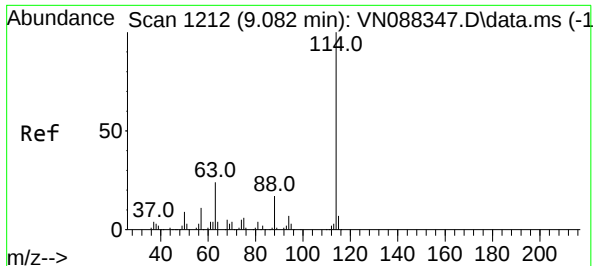
Tgt Ion:	84	Resp:	24243
Ion	Ratio	Lower	Upper
84	100		
49	134.7	110.2	165.2
51	45.2	34.1	51.1
86	71.3	52.6	78.8



#33
1,2-Dichloroethane-d4
Concen: 62.861 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN088526.D
Acq: 16 Dec 2025 14:26

Tgt Ion:	65	Resp:	371064
Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.077 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN088526.D

Acq: 16 Dec 2025 14:26

Instrument :

MSVOA_N

ClientSampleId :

AI COVE 15&16 12"

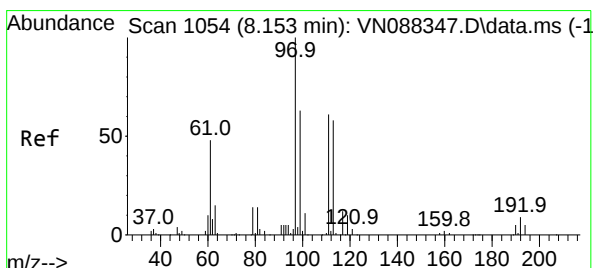
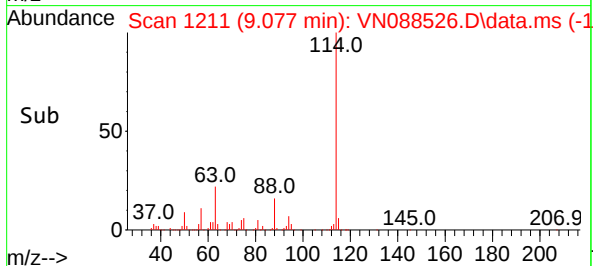
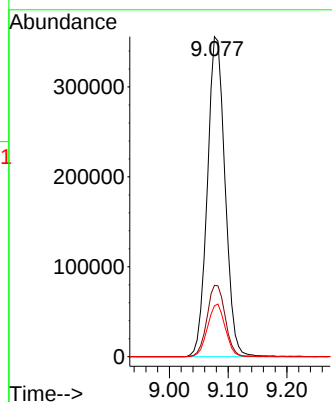
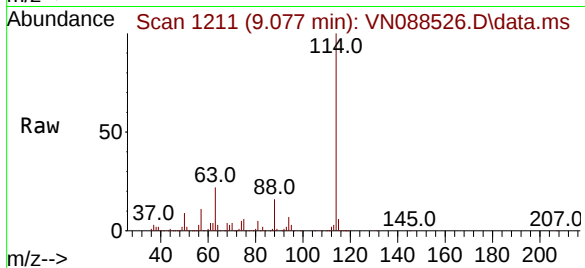
Tgt Ion:114 Resp: 743344

Ion Ratio Lower Upper

114 100

63 22.3 0.0 49.0

88 15.9 0.0 34.0



#35

Dibromofluoromethane

Concen: 52.745 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088526.D

Acq: 16 Dec 2025 14:26

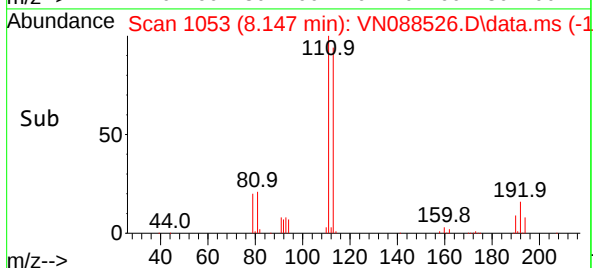
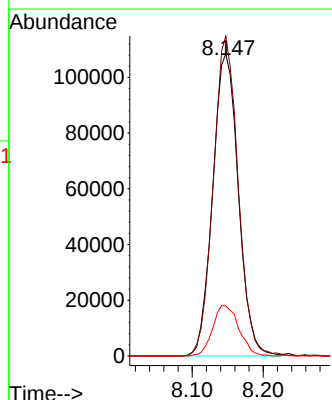
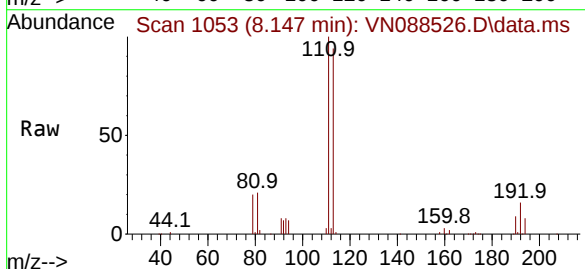
Tgt Ion:113 Resp: 271709

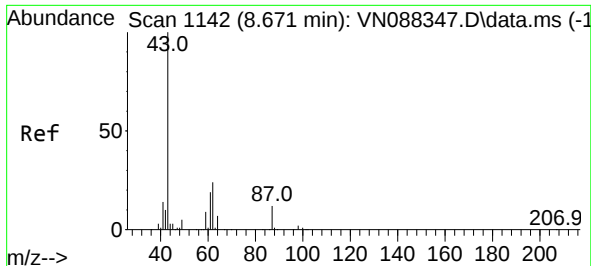
Ion Ratio Lower Upper

113 100

111 102.5 82.5 123.7

192 17.1 12.8 19.2

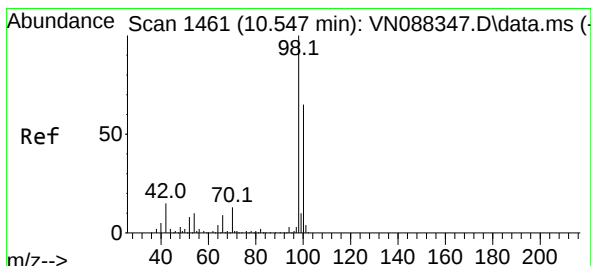
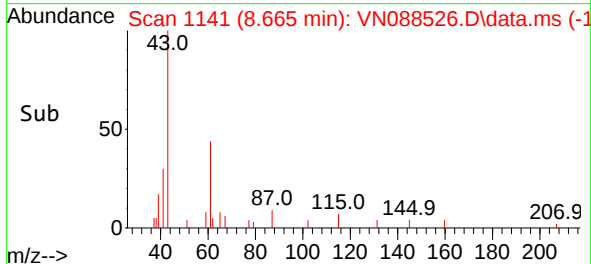
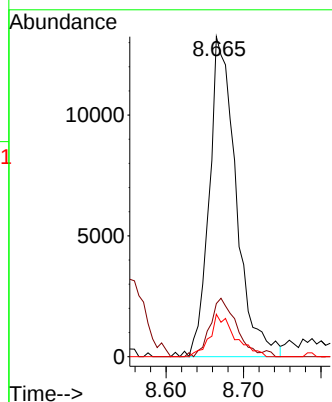
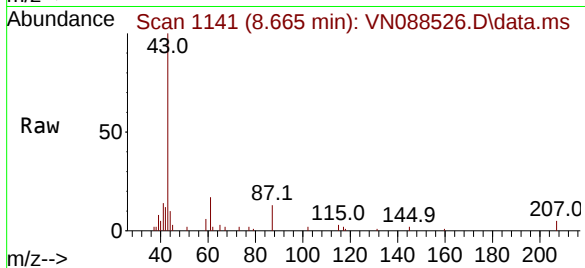




#43
Isopropyl Acetate
Concen: 2.001 ug/l
RT: 8.665 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN088526.D
Acq: 16 Dec 2025 14:26

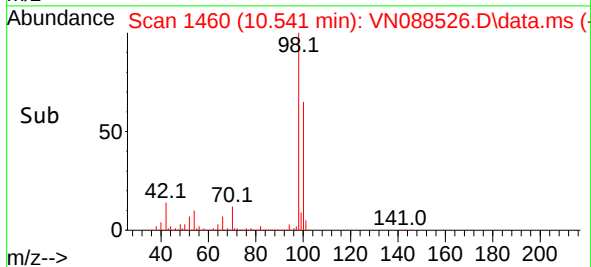
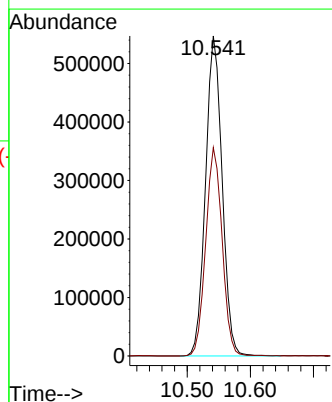
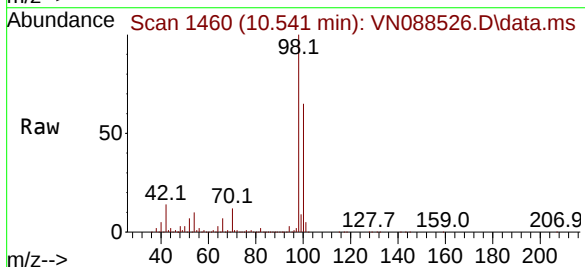
Instrument :
MSVOA_N
ClientSampleId :
AI COVE 15&16 12"

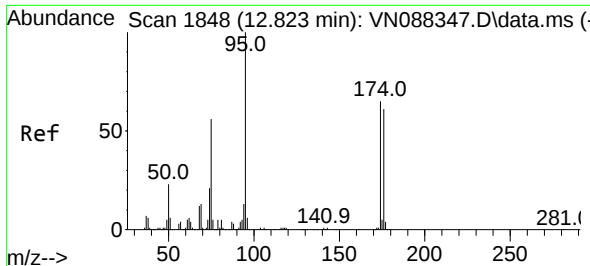
Tgt Ion: 43 Resp: 31959
Ion Ratio Lower Upper
43 100
61 18.3 18.7 28.1#
87 12.4 9.1 13.7



#50
Toluene-d8
Concen: 52.064 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088526.D
Acq: 16 Dec 2025 14:26

Tgt Ion: 98 Resp: 997901
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.2

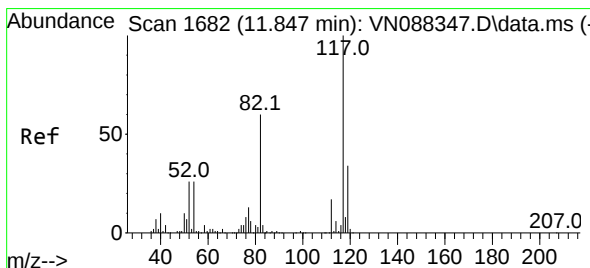
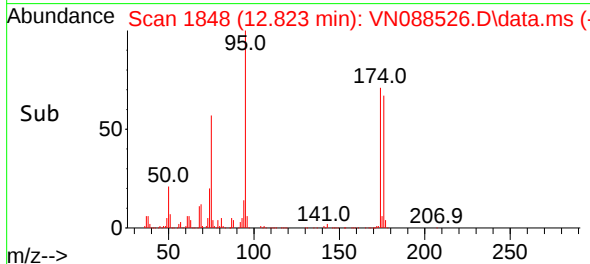
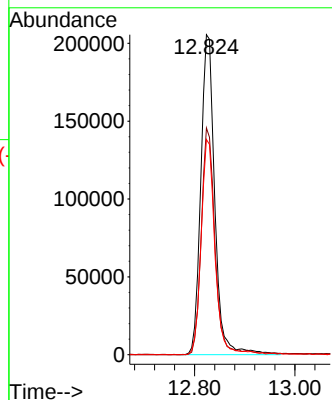
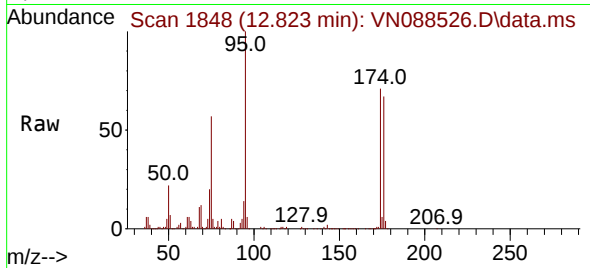




#62
4-Bromofluorobenzene
Concen: 60.604 ug/l
RT: 12.823 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088526.D
Acq: 16 Dec 2025 14:26

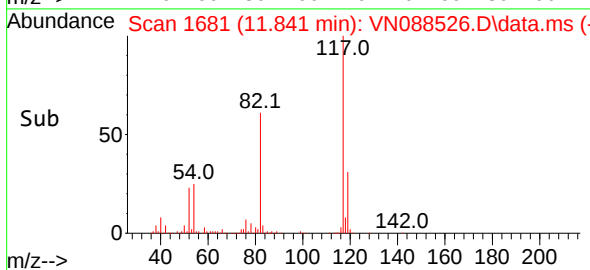
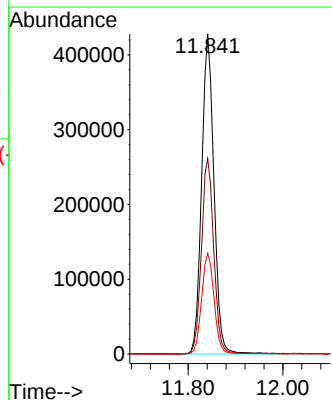
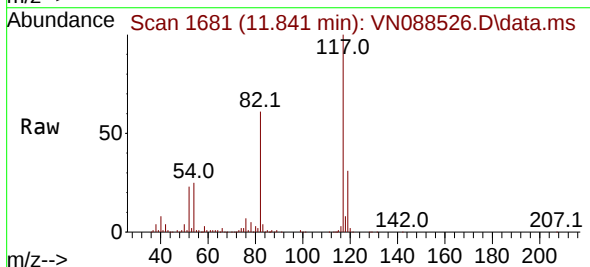
Instrument :
MSVOA_N
ClientSampleId :
AI COVE 15&16 12"

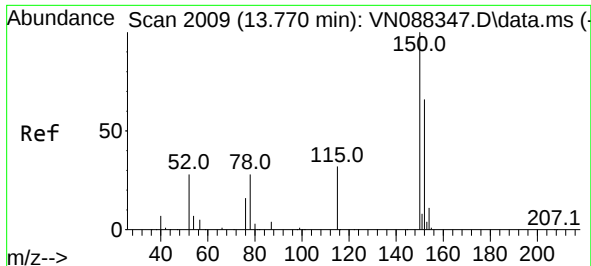
Tgt Ion: 95 Resp: 398566
Ion Ratio Lower Upper
95 100
174 68.2 0.0 139.0
176 66.4 0.0 132.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN088526.D
Acq: 16 Dec 2025 14:26

Tgt Ion: 117 Resp: 771247
Ion Ratio Lower Upper
117 100
82 61.0 47.8 71.8
119 31.5 26.9 40.3

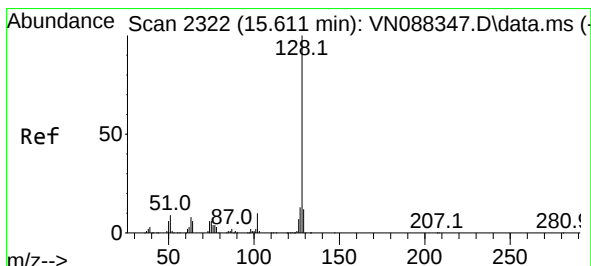
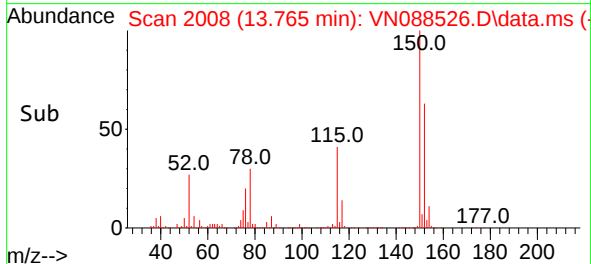
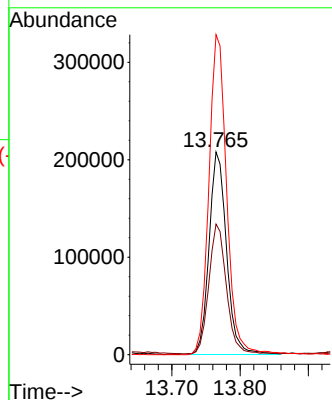
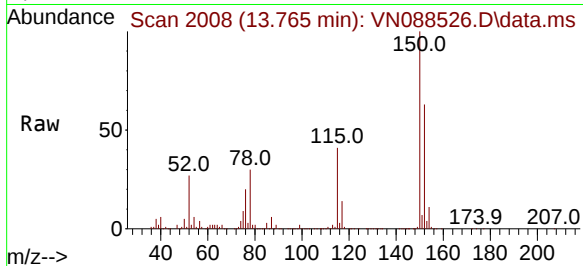




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.765 min Scan# 2009
Delta R.T. -0.006 min
Lab File: VN088526.D
Acq: 16 Dec 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
AI COVE 15&16 12"

Tgt Ion:152 Resp: 372177
Ion Ratio Lower Upper
152 100
115 64.1 33.0 98.9
150 160.6 0.0 349.0



#95
Naphthalene
Concen: 2.489 ug/l
RT: 15.612 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VN088526.D
Acq: 16 Dec 2025 14:26

Tgt Ion:128 Resp: 59109
Ion Ratio Lower Upper
128 100
127 14.4 10.4 15.6
129 9.4 9.0 13.6

