

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121625\
 Data File : VN088527.D
 Acq On : 16 Dec 2025 14:46
 Operator : JC\MD
 Sample : Q3852-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AI COVE 11 12"

Quant Time: Dec 17 01:42:19 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	249617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	569222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	597350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.765	152	291009	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	281623	59.891	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 119.780%	
35) Dibromofluoromethane	8.147	113	211688	53.664	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.320%	
50) Toluene-d8	10.541	98	777501	52.973	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.940%	
62) 4-Bromofluorobenzene	12.823	95	295450	58.667	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 117.340%	

Target Compounds					Qvalue	
5) Bromomethane	3.012	94	538	0.273	ug/l #	31
11) Tert butyl alcohol	5.500	59	21876	29.139	ug/l #	88
13) Acrolein	4.183	56	539	0.750	ug/l #	36
16) Acetone	4.424	43	162663	95.651	ug/l	96
18) Methyl Acetate	5.024	43	15452	3.052	ug/l	94
20) Methylene Chloride	5.265	84	23516	6.463	ug/l #	85
25) 2-Butanone	7.471	43	11832	4.328	ug/l #	80
26) 2,2-Dichloropropane	7.412	77	2275	0.386	ug/l #	56
29) Tetrahydrofuran	7.835	42	1217	0.621	ug/l #	62
31) Cyclohexane	8.206	56	7022	1.135	ug/l #	7
36) 1,1-Dichloropropene	8.200	75	24579	4.037	ug/l #	51
38) Carbon Tetrachloride	8.206	117	30129	4.971	ug/l #	18
41) Methacrylonitrile	7.835	41	1259	0.318	ug/l #	45
43) Isopropyl Acetate	8.677	43	30997	2.534	ug/l	93
45) 1,2-Dichloropropane	9.724	63	2235	0.488	ug/l #	46
48) Methyl methacrylate	9.718	41	156282	28.006	ug/l #	45
49) 1,4-Dioxane	9.718	88	258	3.635	ug/l #	1
51) 4-Methyl-2-Pentanone	10.424	43	59581	8.265	ug/l	96
52) Toluene	10.612	92	28275	2.741	ug/l	99
54) cis-1,3-Dichloropropene	10.335	75	40232	5.591	ug/l #	61
57) 1,3-Dichloropropane	11.182	76	2950	0.410	ug/l #	42
59) 2-Hexanone	11.182	43	48973	10.784	ug/l #	57
67) Ethyl Benzene	11.941	91	65485	2.792	ug/l	94
68) m/p-Xylenes	12.041	106	101013	11.617	ug/l	100
69) o-Xylene	12.376	106	66850	8.064	ug/l	100
70) Styrene	12.376	104	4797	0.356	ug/l #	1
71) Bromoform	12.829	173	1921	0.580	ug/l #	1
73) Isopropylbenzene	12.670	105	22967	1.067	ug/l	94
76) 1,2,3-Trichloropropane	12.823	75	162639	23.862	ug/l #	1
78) n-propylbenzene	13.012	91	55354	2.103	ug/l	95
79) 2-Chlorotoluene	13.070	91	25463	1.584	ug/l #	44
80) 1,3,5-Trimethylbenzene	13.147	105	96348	5.404	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.823	75	162639	67.694	ug/l #	1
82) 4-Chlorotoluene	13.147	91	11384	0.713	ug/l #	44
83) tert-Butylbenzene	13.459	119	49669	3.277	ug/l #	70
84) 1,2,4-Trimethylbenzene	13.459	105	384345	21.688	ug/l	98

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AI COVE 11 12"

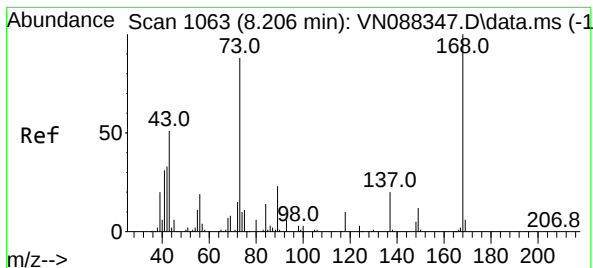
Quant Time: Dec 17 01:42:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.588	105	21101	0.969	ug/l	86
86) p-Isopropyltoluene	13.706	119	18336	1.027	ug/l	98
89) n-Butylbenzene	14.029	91	26899	1.552	ug/l #	79
90) Hexachloroethane	14.300	117	7976	2.445	ug/l #	20
95) Naphthalene	15.611	128	213265	11.485	ug/l	98

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

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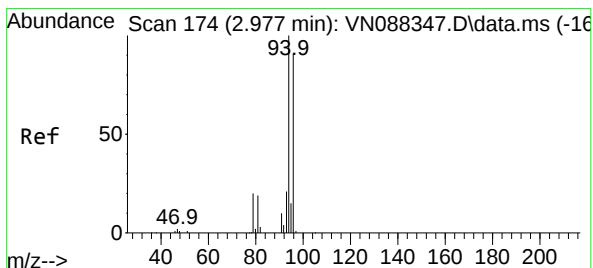
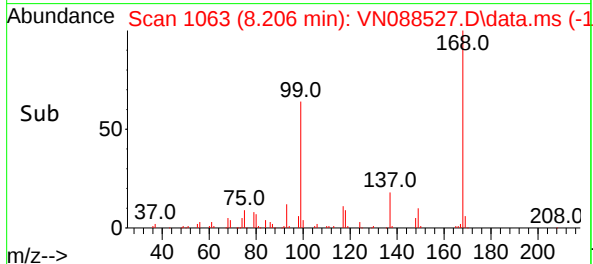
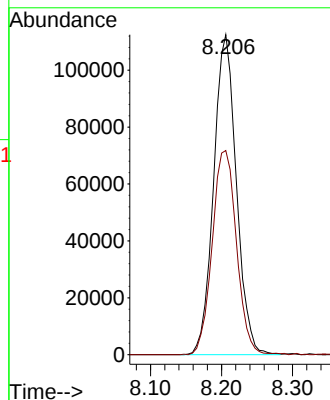
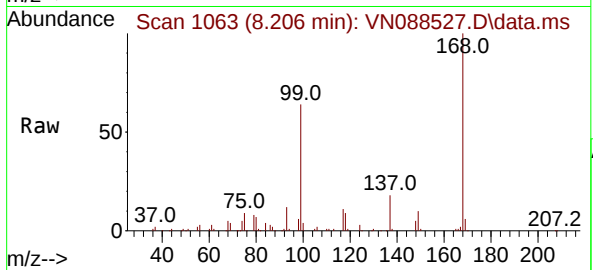




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088527.D
Acq: 16 Dec 2025 14:46

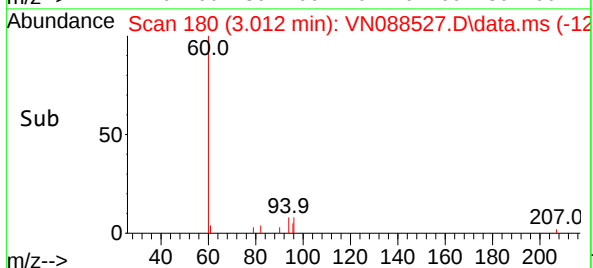
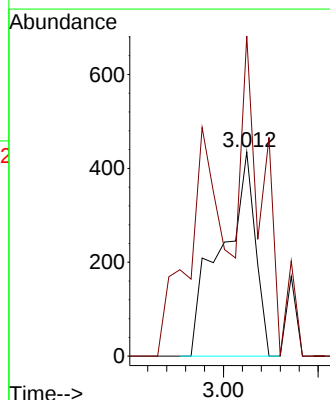
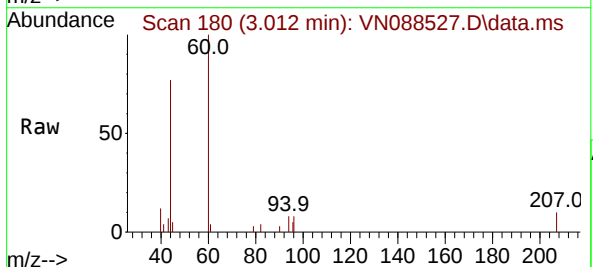
Instrument :
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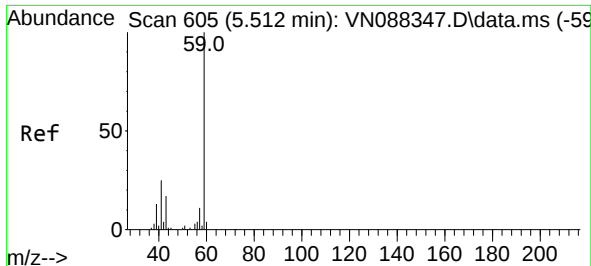
Tgt Ion:168 Resp: 249617
Ion Ratio Lower Upper
168 100
99 63.8 57.1 85.7



#5
Bromomethane
Concen: 0.273 ug/l
RT: 3.012 min Scan# 180
Delta R.T. 0.035 min
Lab File: VN088527.D
Acq: 16 Dec 2025 14:46

Tgt Ion: 94 Resp: 538
Ion Ratio Lower Upper
94 100
96 156.8 73.2 109.8#

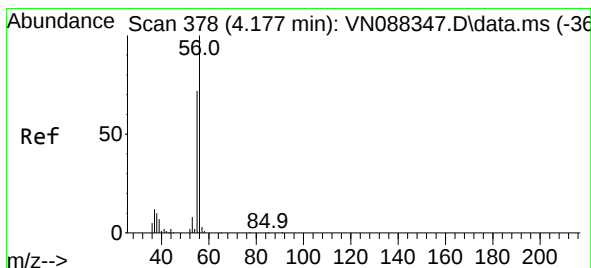
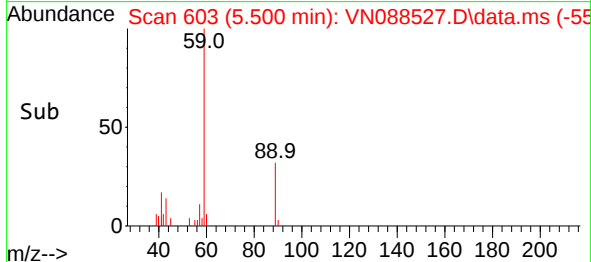
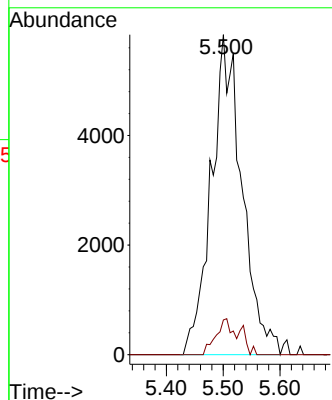
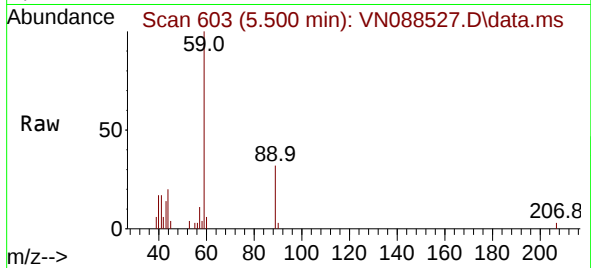




#11
Tert butyl alcohol
Concen: 29.139 ug/l
RT: 5.500 min Scan# 605
Delta R.T. -0.012 min
Lab File: VN088527.D
Acq: 16 Dec 2025 14:46

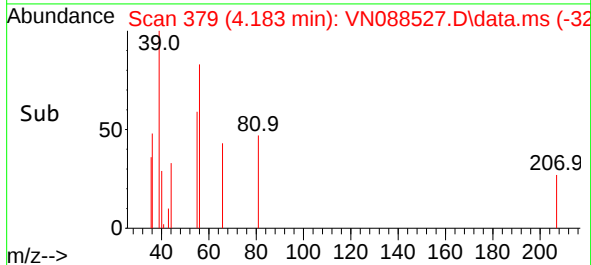
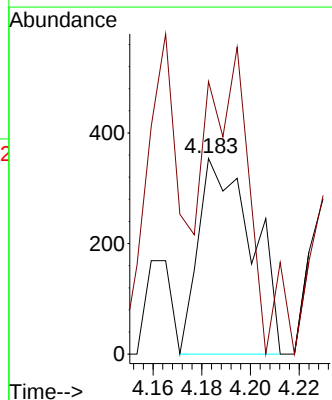
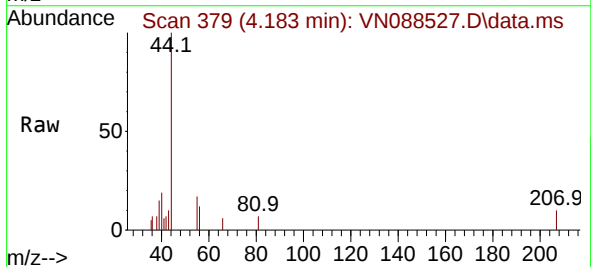
Instrument :
MSVOA_N
ClientSampleId :
AI COVE 11 12"

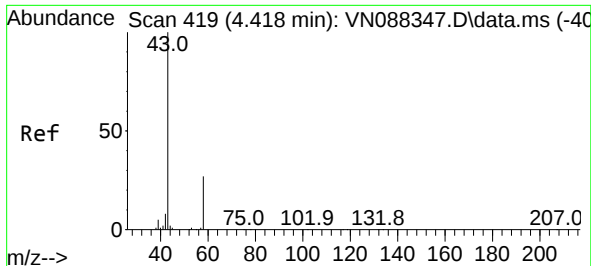
Tgt Ion: 59 Resp: 21876
Ion Ratio Lower Upper
59 100
57 6.2 8.5 12.7#



#13
Acrolein
Concen: 0.750 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN088527.D
Acq: 16 Dec 2025 14:46

Tgt Ion: 56 Resp: 539
Ion Ratio Lower Upper
56 100
55 123.0 56.3 84.5#

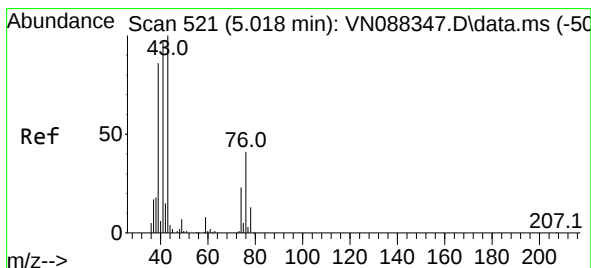
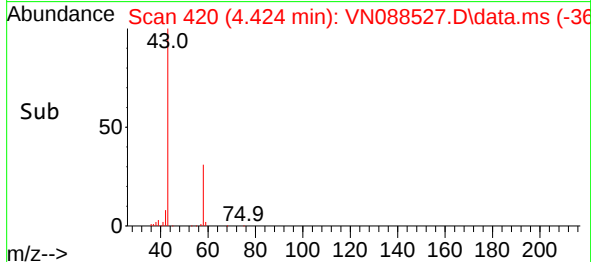
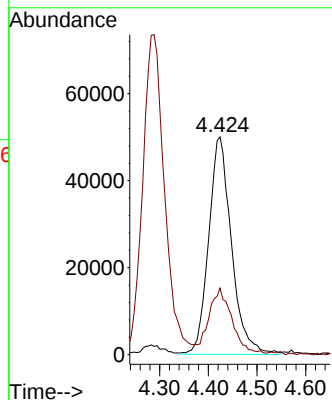
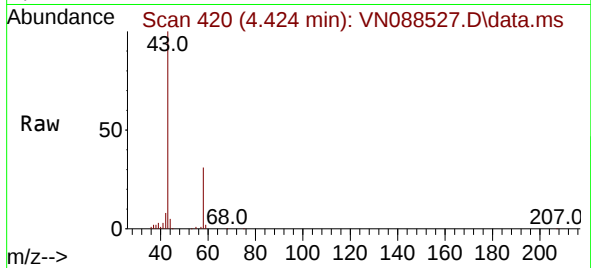




#16
Acetone
Concen: 95.651 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN088527.D
Acq: 16 Dec 2025 14:46

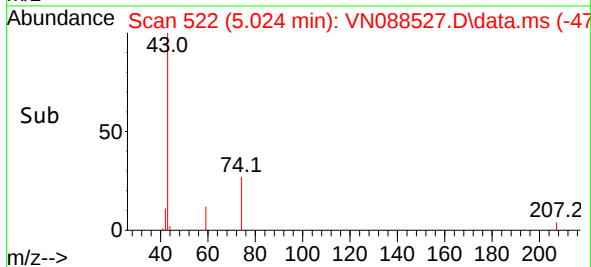
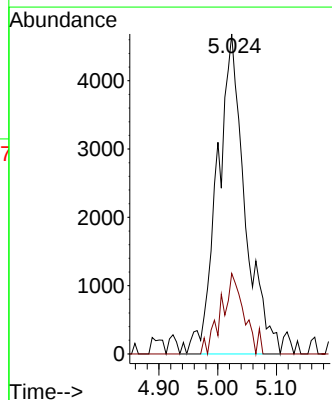
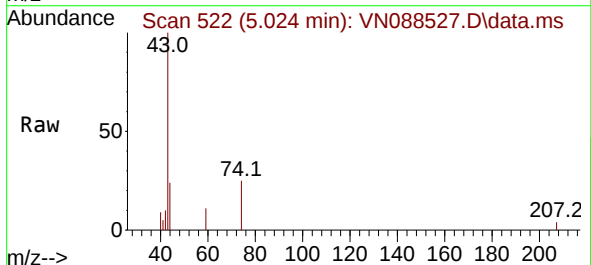
Instrument :
MSVOA_N
ClientSampleId :
AI COVE 11 12"

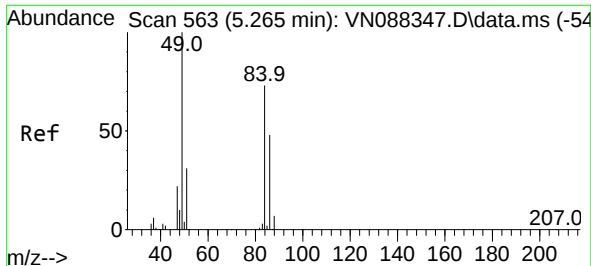
Tgt Ion: 43 Resp: 162663
Ion Ratio Lower Upper
43 100
58 29.3 21.7 32.5



#18
Methyl Acetate
Concen: 3.052 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN088527.D
Acq: 16 Dec 2025 14:46

Tgt Ion: 43 Resp: 15452
Ion Ratio Lower Upper
43 100
74 19.6 17.9 26.9

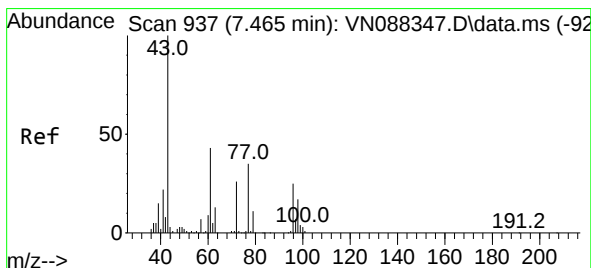
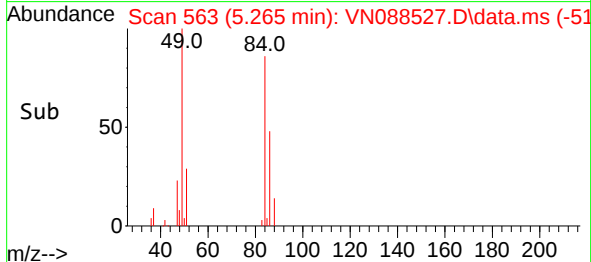
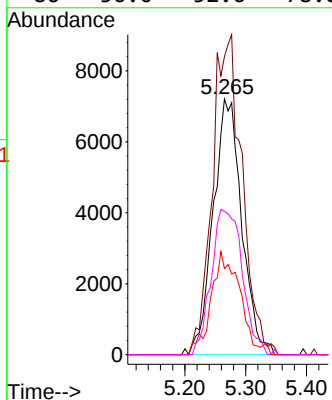
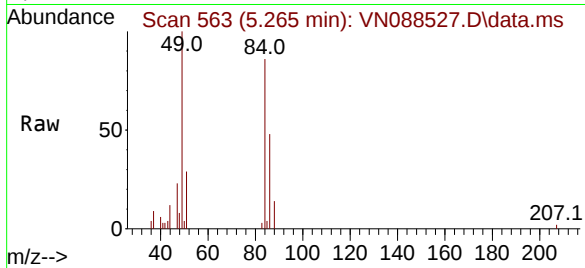




#20
Methylene Chloride
Concen: 6.463 ug/l
RT: 5.265 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN088527.D
Acq: 16 Dec 2025 14:46

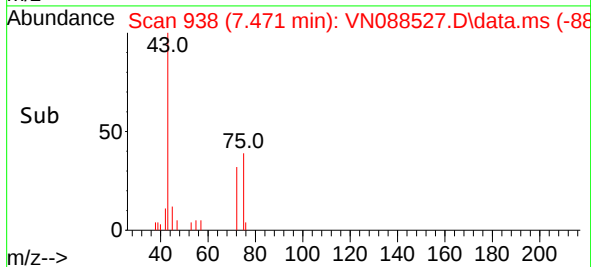
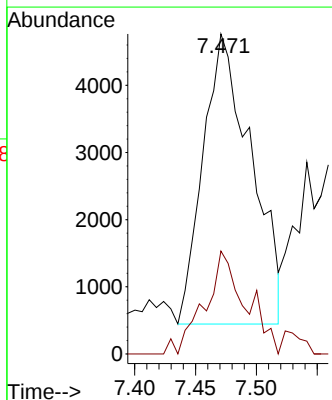
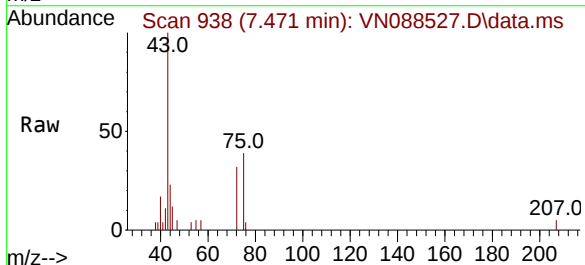
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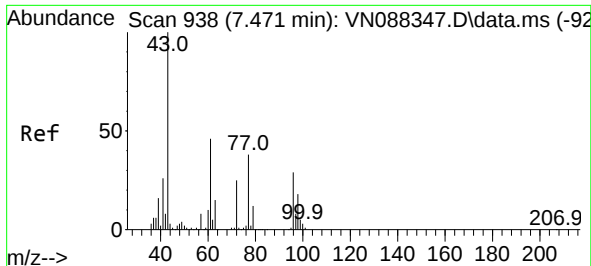
Tgt Ion:	84	Resp:	23516
Ion	Ratio	Lower	Upper
84	100		
49	116.6	110.2	165.2
51	33.7	34.1	51.1#
86	56.0	52.6	78.8



#25
2-Butanone
Concen: 4.328 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN088527.D
Acq: 16 Dec 2025 14:46

Tgt Ion:	43	Resp:	11832
Ion	Ratio	Lower	Upper
43	100		
72	35.5	20.5	30.7#

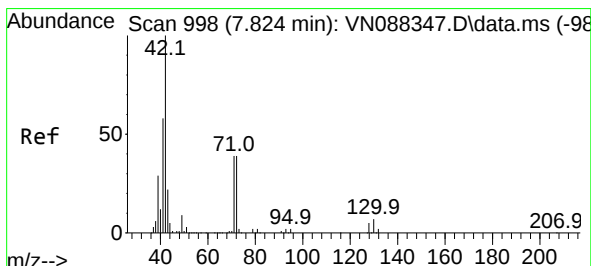
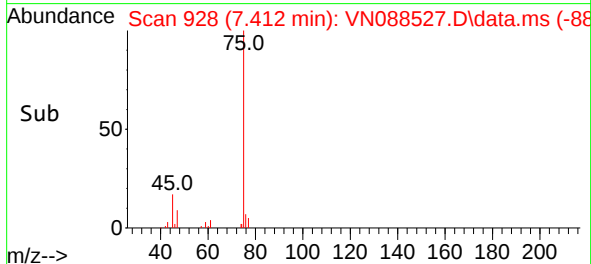
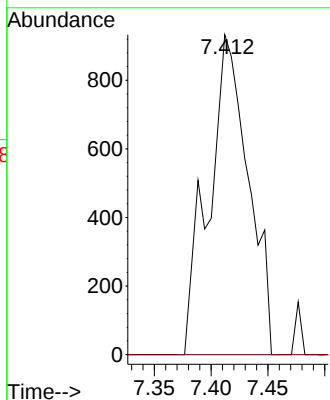
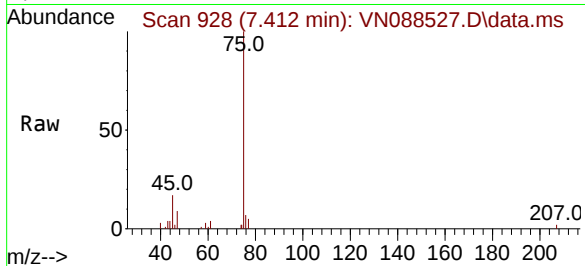




#26
2,2-Dichloropropane
Concen: 0.386 ug/l
RT: 7.412 min Scan# 91
Delta R.T. -0.059 min
Lab File: VN088527.D
Acq: 16 Dec 2025 14:46

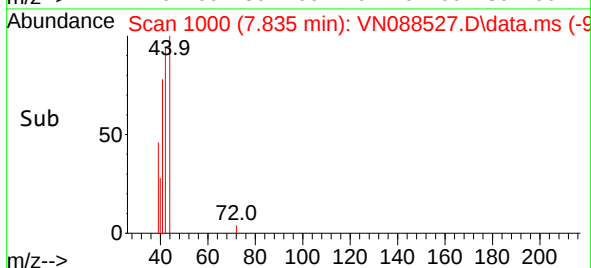
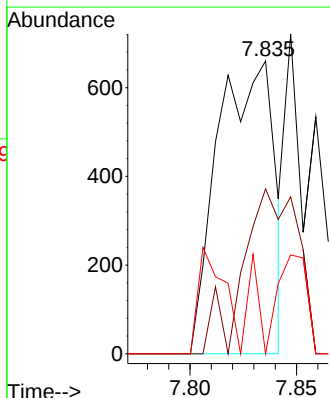
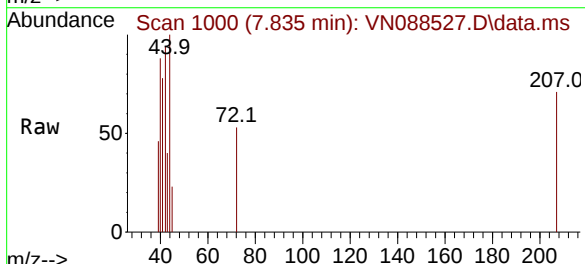
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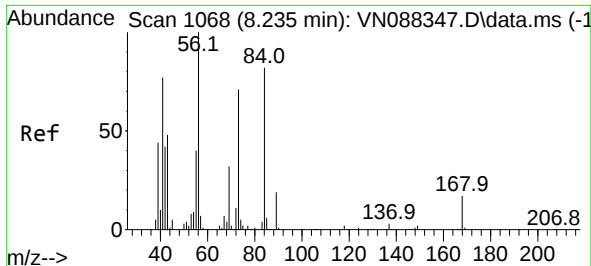
Tgt Ion: 77 Resp: 2275
Ion Ratio Lower Upper
77 100
97 0.0 10.3 30.9#



#29
Tetrahydrofuran
Concen: 0.621 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.012 min
Lab File: VN088527.D
Acq: 16 Dec 2025 14:46

Tgt Ion: 42 Resp: 1217
Ion Ratio Lower Upper
42 100
72 54.6 32.2 48.4#
71 6.5 31.1 46.7#

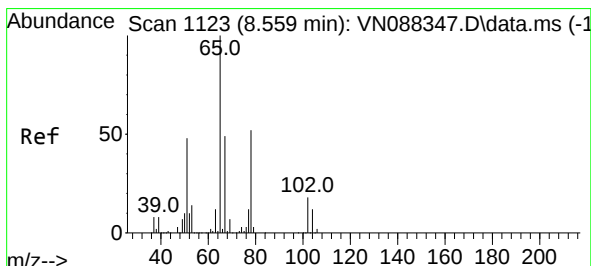
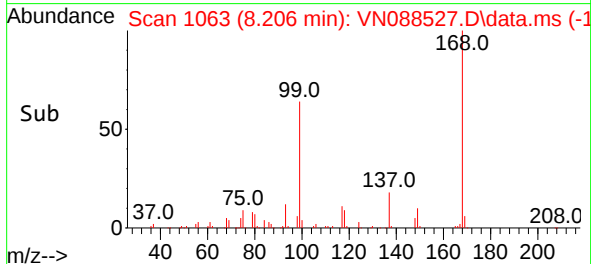
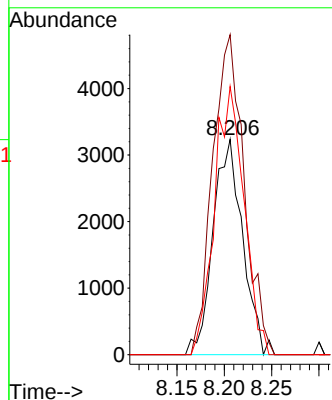
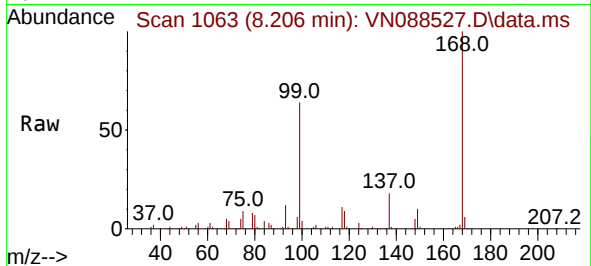




#31
Cyclohexane
Concen: 1.135 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.029 min
Lab File: VN088527.D
Acq: 16 Dec 2025 14:46

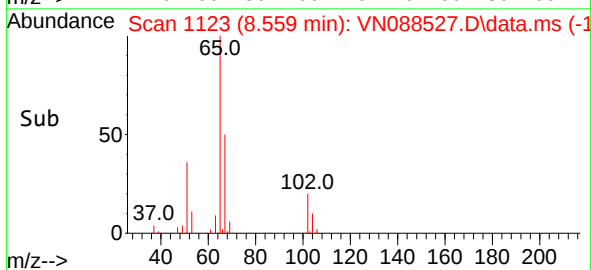
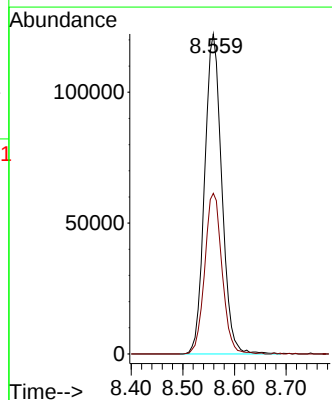
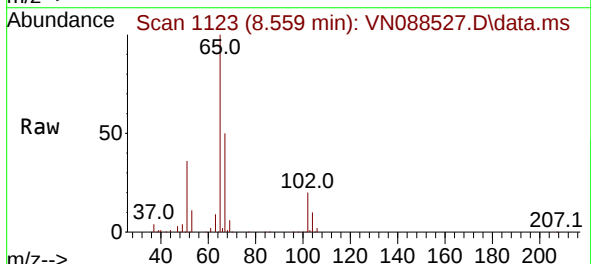
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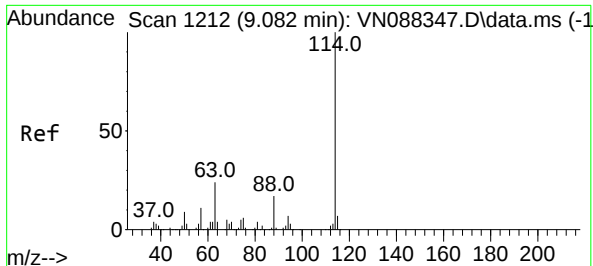
Tgt Ion: 56 Resp: 7022
Ion Ratio Lower Upper
56 100
69 148.6 25.3 37.9#
84 124.5 65.4 98.2#



#33
1,2-Dichloroethane-d4
Concen: 59.891 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN088527.D
Acq: 16 Dec 2025 14:46

Tgt Ion: 65 Resp: 281623
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN088527.D

Acq: 16 Dec 2025 14:46

Instrument :

MSVOA_N

ClientSampleId :

AI COVE 11 12"

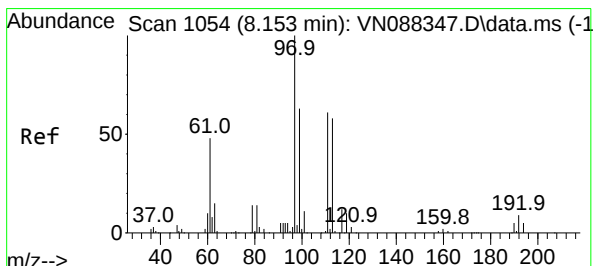
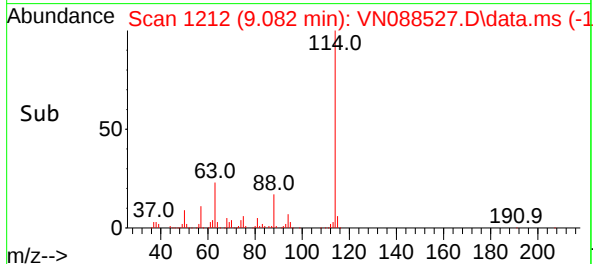
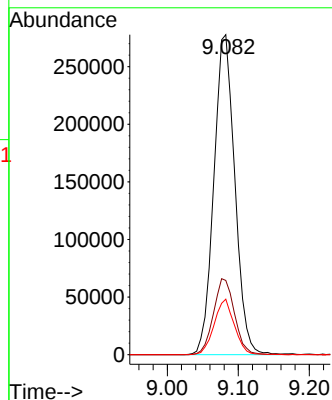
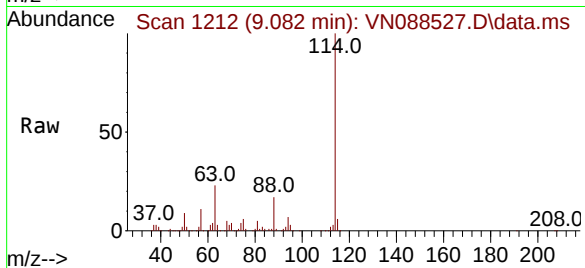
Tgt Ion:114 Resp: 569222

Ion Ratio Lower Upper

114 100

63 23.2 0.0 49.0

88 17.4 0.0 34.0



#35

Dibromofluoromethane

Concen: 53.664 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088527.D

Acq: 16 Dec 2025 14:46

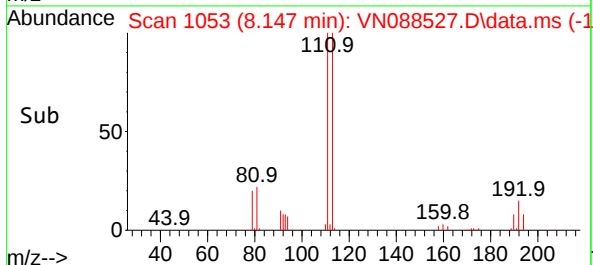
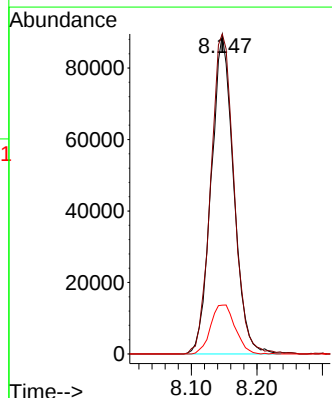
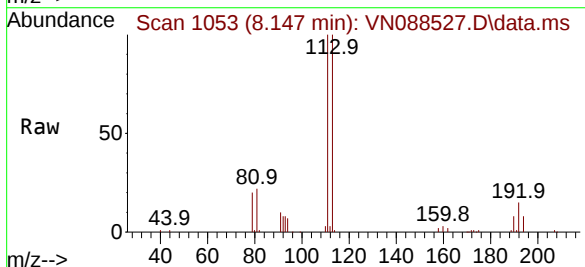
Tgt Ion:113 Resp: 211688

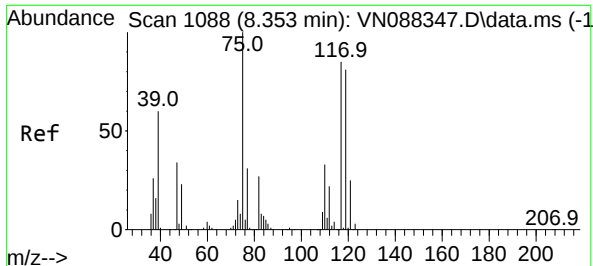
Ion Ratio Lower Upper

113 100

111 103.7 82.5 123.7

192 16.7 12.8 19.2





#36

1,1-Dichloropropene

Concen: 4.037 ug/l

RT: 8.200 min Scan# 1062

Delta R.T. -0.153 min

Lab File: VN088527.D

Acq: 16 Dec 2025 14:46

Instrument :

MSVOA_N

ClientSampleId :

AI COVE 11 12"

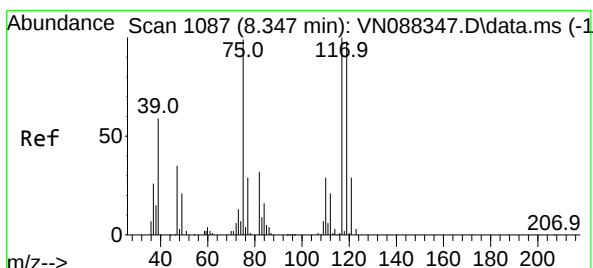
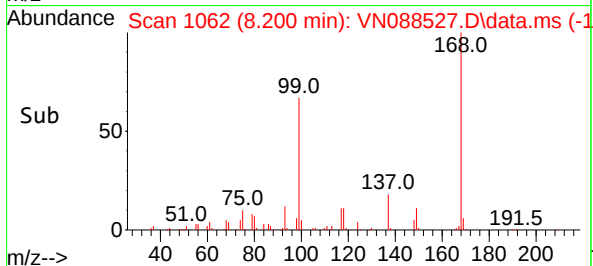
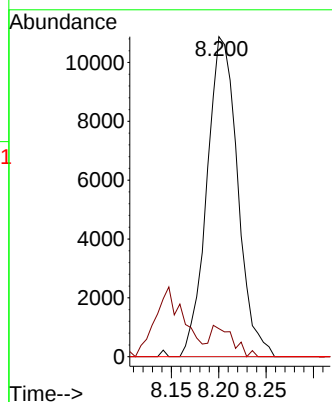
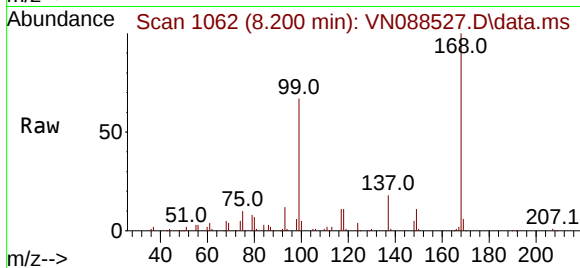
Tgt Ion: 75 Resp: 24579

Ion Ratio Lower Upper

75 100

110 7.4 15.8 47.4#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 4.971 ug/l

RT: 8.206 min Scan# 1063

Delta R.T. -0.141 min

Lab File: VN088527.D

Acq: 16 Dec 2025 14:46

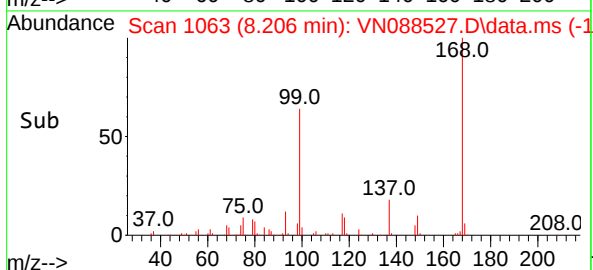
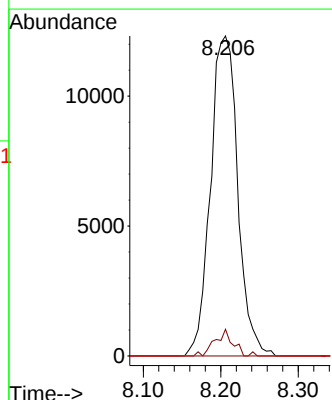
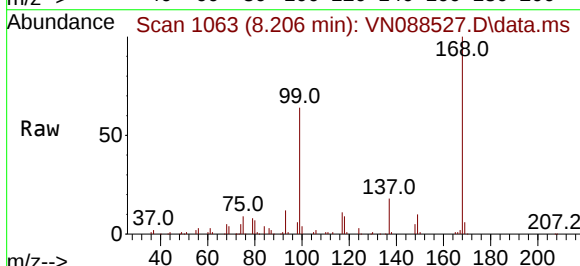
Tgt Ion: 117 Resp: 30129

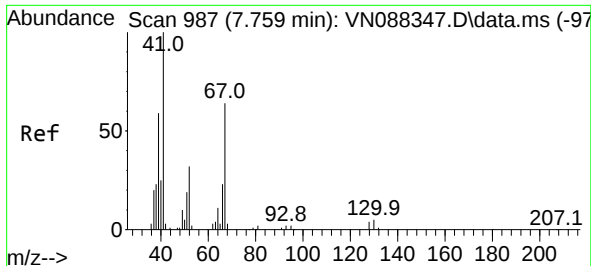
Ion Ratio Lower Upper

117 100

119 8.3 78.2 117.4#

121 0.0 23.4 35.2#

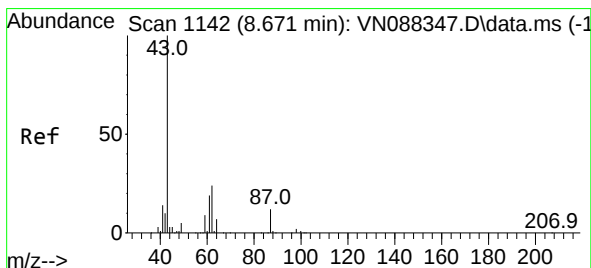
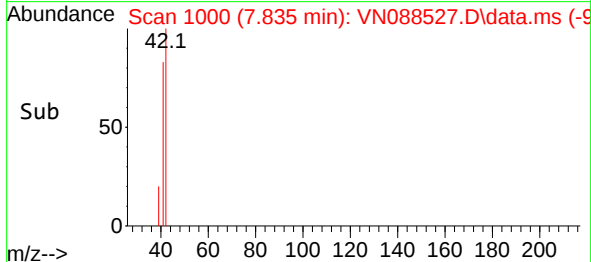
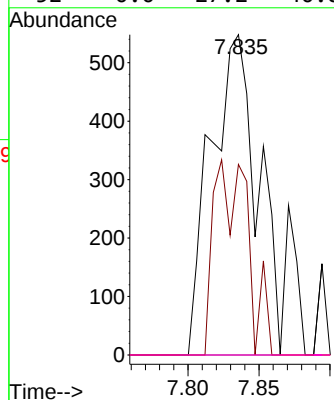
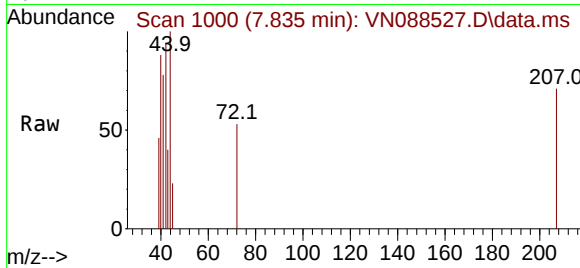




#41
Methacrylonitrile
Concen: 0.318 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.077 min
Lab File: VN088527.D
Acq: 16 Dec 2025 14:46

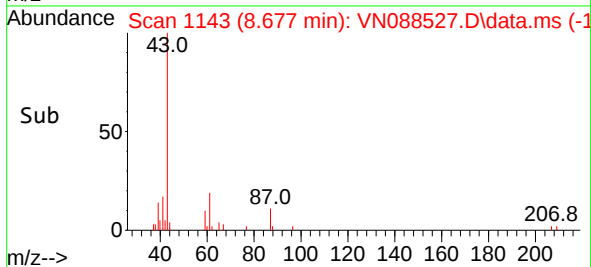
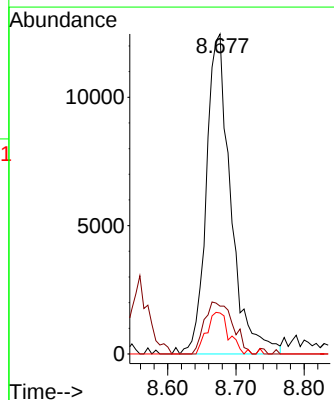
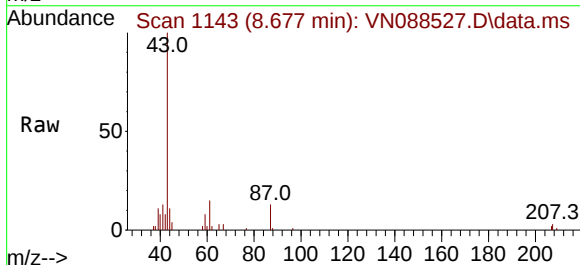
Instrument :
MSVOA_N
ClientSampleId :
AI COVE 11 12"

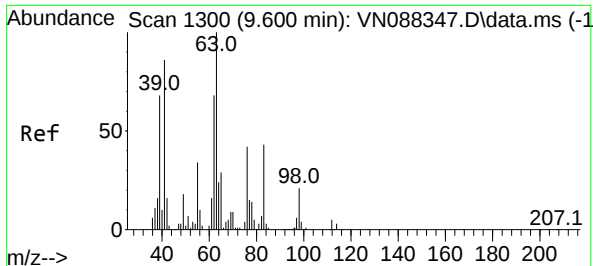
Tgt Ion:	41	Resp:	1259
Ion	Ratio	Lower	Upper
41	100		
39	44.9	46.3	69.5#
67	0.0	54.7	82.1#
52	0.0	27.2	40.8#



#43
Isopropyl Acetate
Concen: 2.534 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN088527.D
Acq: 16 Dec 2025 14:46

Tgt Ion:	43	Resp:	30997
Ion	Ratio	Lower	Upper
43	100		
61	18.9	18.7	28.1
87	11.8	9.1	13.7





#45

1,2-Dichloropropane

Concen: 0.488 ug/l

RT: 9.724 min Scan# 11

Delta R.T. 0.124 min

Lab File: VN088527.D

Acq: 16 Dec 2025 14:46

Instrument :

MSVOA_N

ClientSampleId :

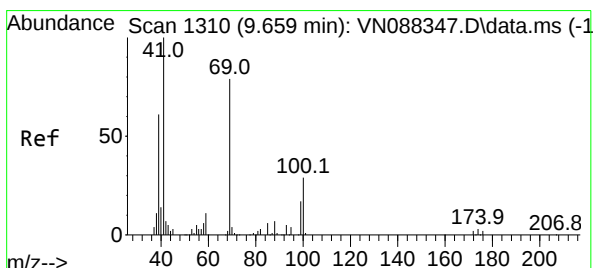
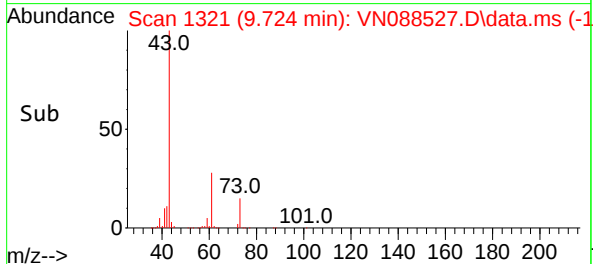
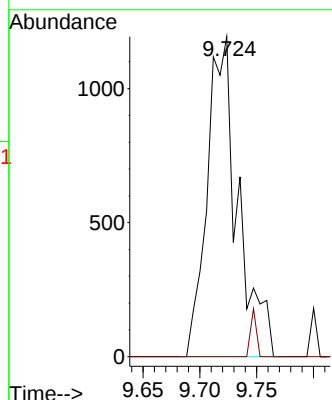
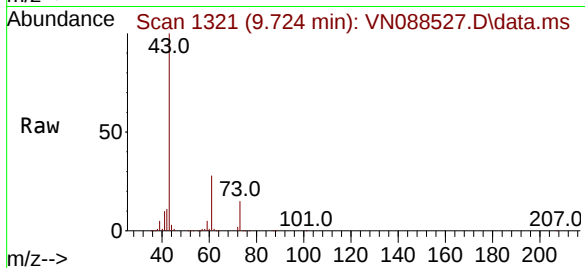
AI COVE 11 12"

Tgt Ion: 63 Resp: 2235

Ion Ratio Lower Upper

63 100

65 0.0 23.0 34.4#



#48

Methyl methacrylate

Concen: 28.006 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.059 min

Lab File: VN088527.D

Acq: 16 Dec 2025 14:46

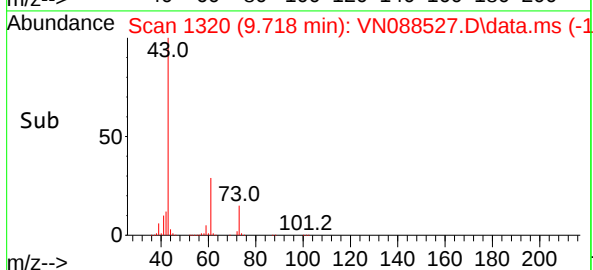
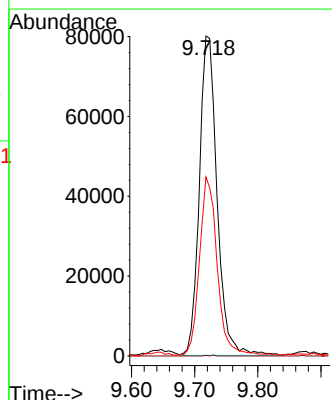
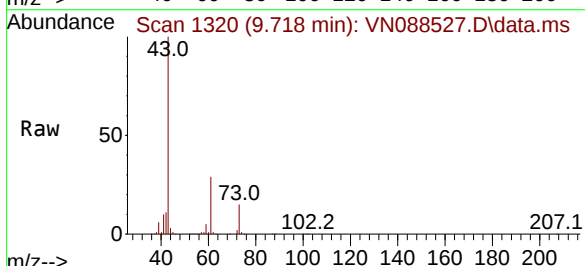
Tgt Ion: 41 Resp: 156282

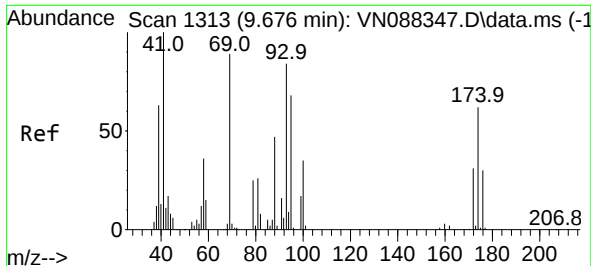
Ion Ratio Lower Upper

41 100

69 0.1 62.4 93.6#

39 55.4 52.6 79.0





#49

1,4-Dioxane

Concen: 3.635 ug/l

RT: 9.718 min Scan# 11

Delta R.T. 0.041 min

Lab File: VN088527.D

Acq: 16 Dec 2025 14:46

Instrument :

MSVOA_N

ClientSampleId :

AI COVE 11 12"

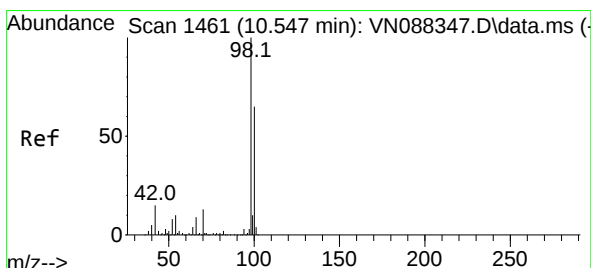
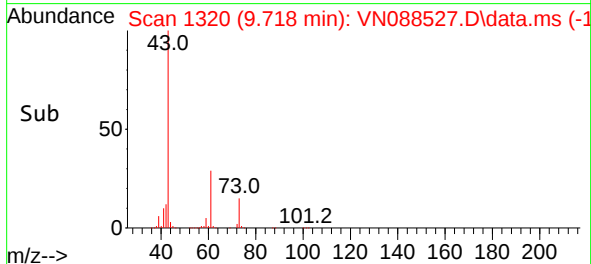
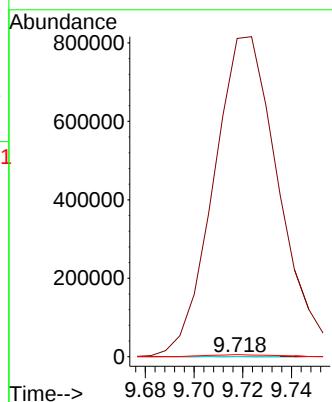
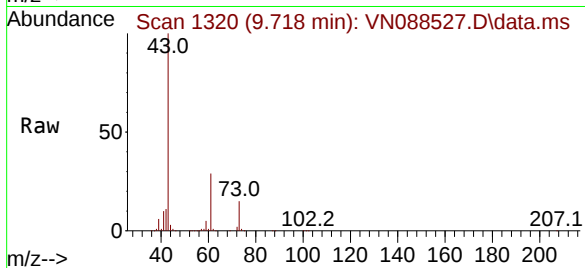
Tgt Ion: 88 Resp: 258

Ion Ratio Lower Upper

88 100

43 607114.0 0.0 0.0#

58 4183.7 62.0 93.0#



#50

Toluene-d8

Concen: 52.973 ug/l

RT: 10.541 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VN088527.D

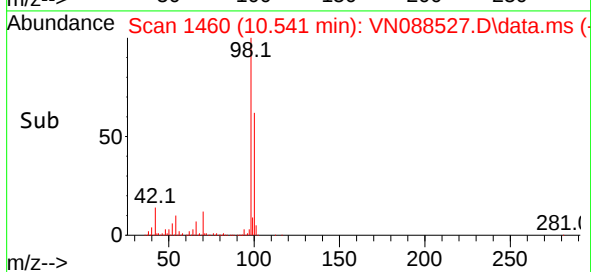
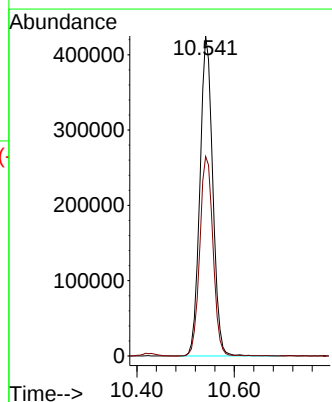
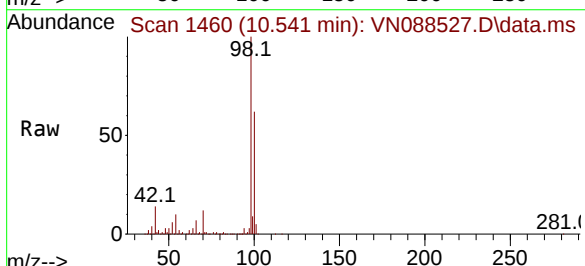
Acq: 16 Dec 2025 14:46

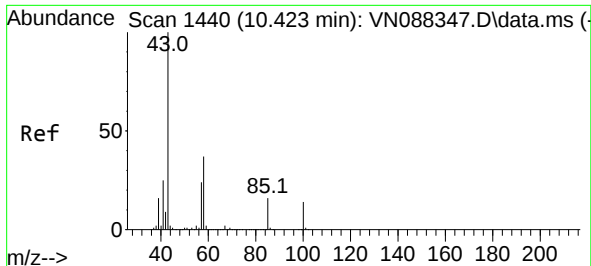
Tgt Ion: 98 Resp: 777501

Ion Ratio Lower Upper

98 100

100 64.2 52.2 78.2

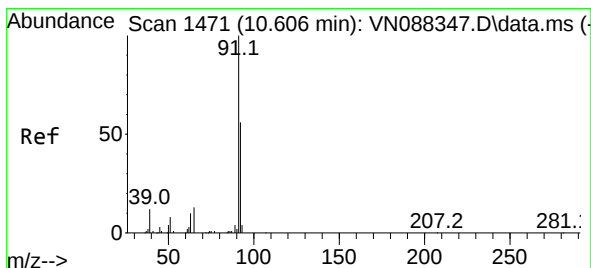
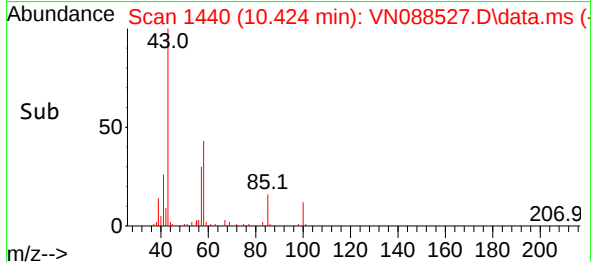
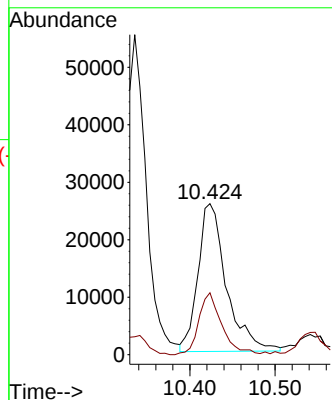
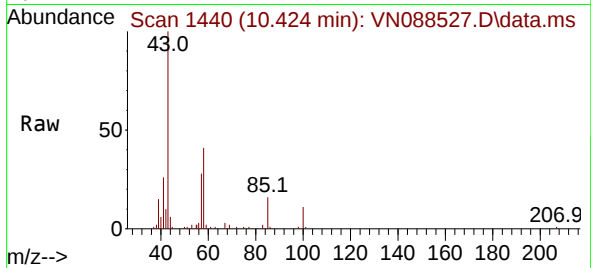




#51
4-Methyl-2-Pentanone
Concen: 8.265 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088527.D
Acq: 16 Dec 2025 14:46

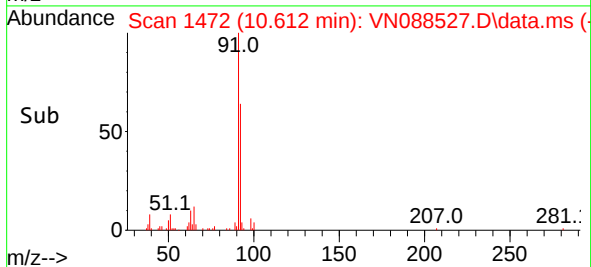
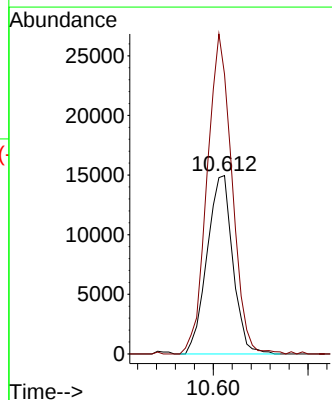
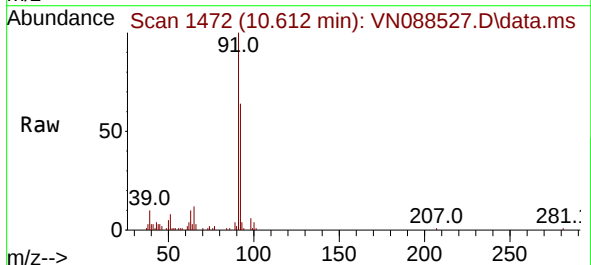
Instrument :
MSVOA_N
ClientSampleId :
AI COVE 11 12"

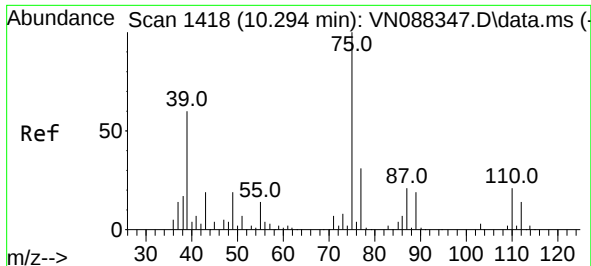
Tgt Ion: 43 Resp: 59581
Ion Ratio Lower Upper
43 100
58 33.9 29.1 43.7



#52
Toluene
Concen: 2.741 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN088527.D
Acq: 16 Dec 2025 14:46

Tgt Ion: 92 Resp: 28275
Ion Ratio Lower Upper
92 100
91 173.2 140.2 210.2

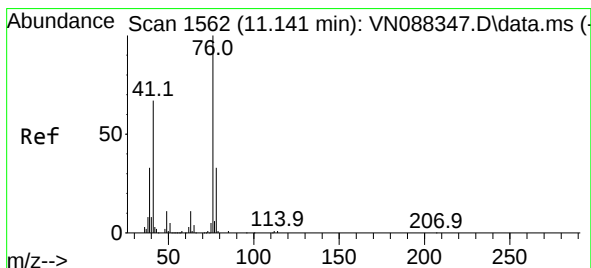
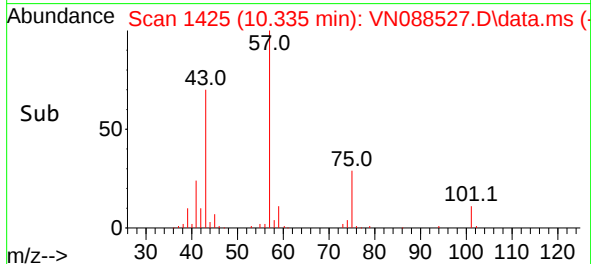
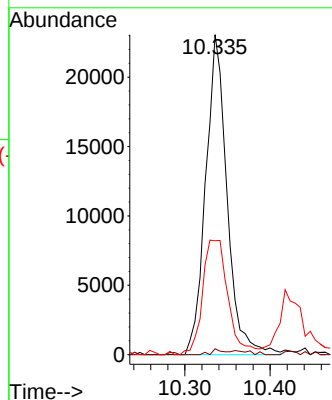
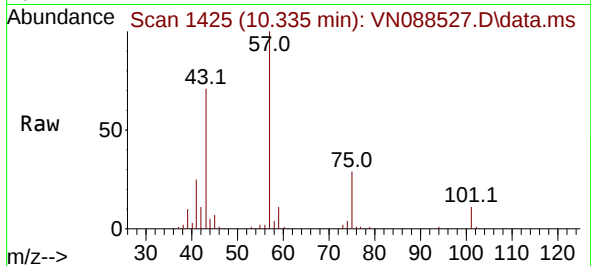




#54
 cis-1,3-Dichloropropene
 Concen: 5.591 ug/l
 RT: 10.335 min Scan# 1418
 Delta R.T. 0.041 min
 Lab File: VN088527.D
 Acq: 16 Dec 2025 14:46

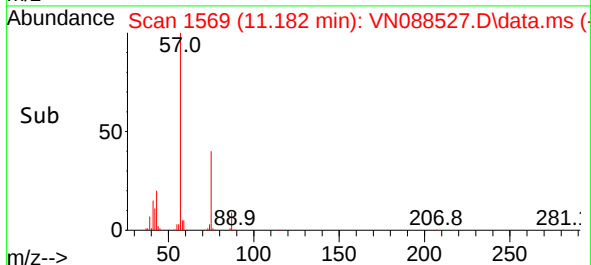
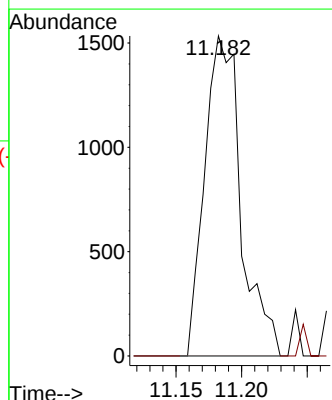
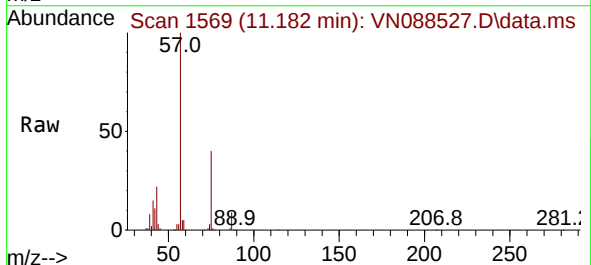
Instrument :
 MSVOA_N
 ClientSampleId :
 AI COVE 11 12"

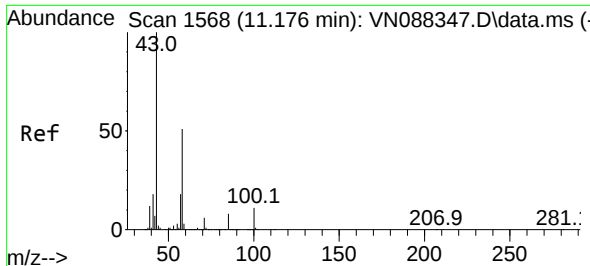
Tgt Ion: 75 Resp: 40232
 Ion Ratio Lower Upper
 75 100
 77 1.8 24.5 36.7#
 39 35.6 48.3 72.5#



#57
 1,3-Dichloropropane
 Concen: 0.410 ug/l
 RT: 11.182 min Scan# 1569
 Delta R.T. 0.041 min
 Lab File: VN088527.D
 Acq: 16 Dec 2025 14:46

Tgt Ion: 76 Resp: 2950
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.2 39.4#

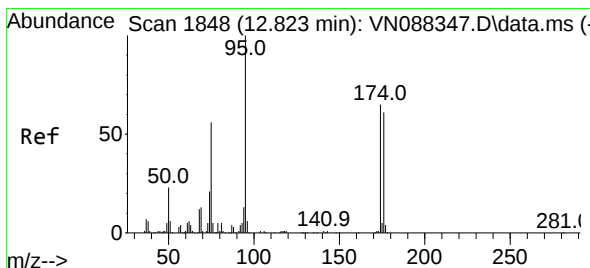
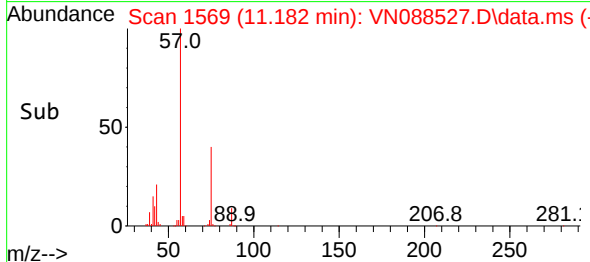
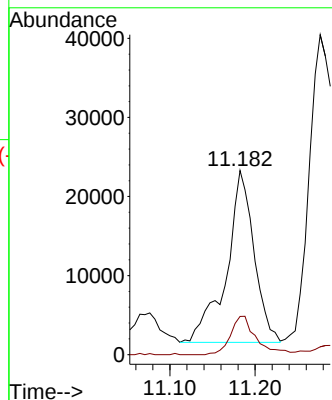
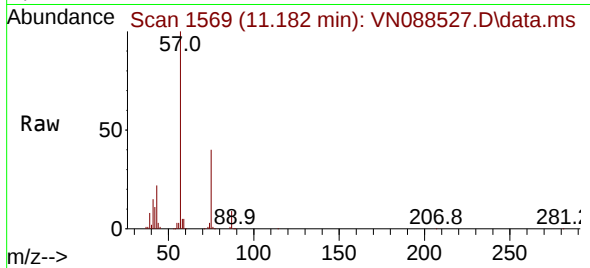




#59
2-Hexanone
Concen: 10.784 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VN088527.D
Acq: 16 Dec 2025 14:46

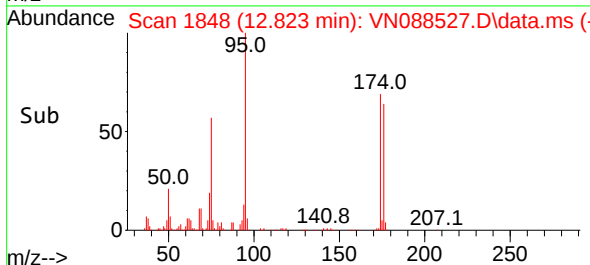
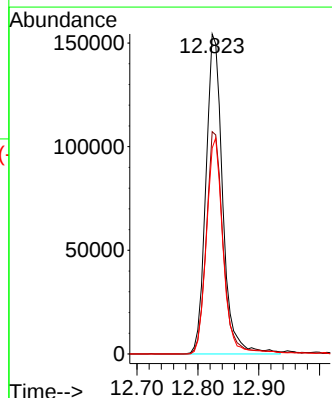
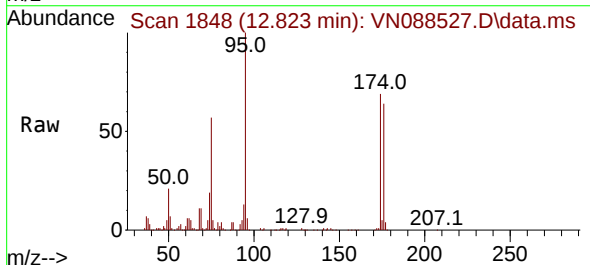
Instrument :
MSVOA_N
ClientSampleId :
AI COVE 11 12"

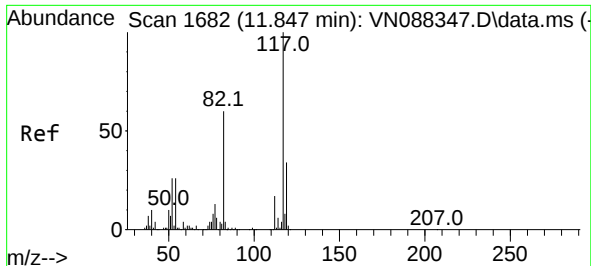
Tgt Ion: 43 Resp: 48973
Ion Ratio Lower Upper
43 100
58 20.7 25.3 75.9#



#62
4-Bromofluorobenzene
Concen: 58.667 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN088527.D
Acq: 16 Dec 2025 14:46

Tgt Ion: 95 Resp: 295450
Ion Ratio Lower Upper
95 100
174 70.6 0.0 139.0
176 67.2 0.0 132.4

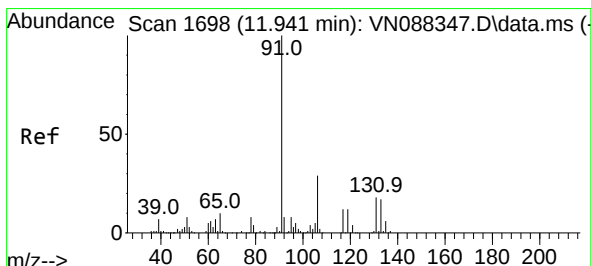
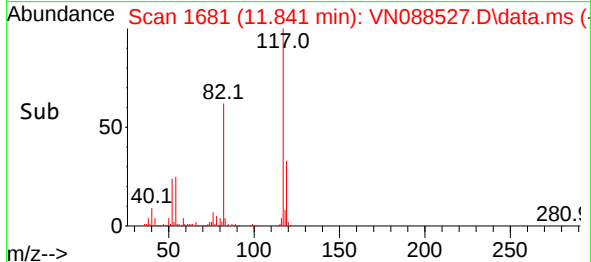
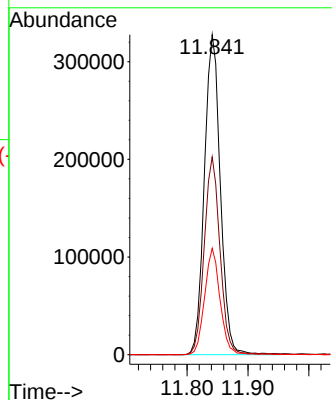
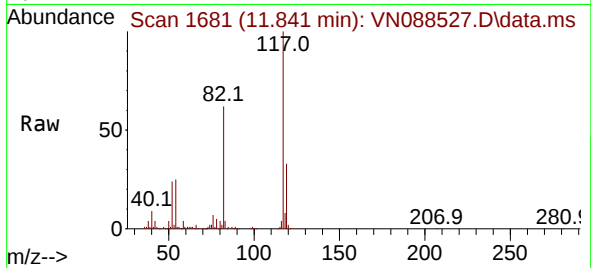




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN088527.D
Acq: 16 Dec 2025 14:46

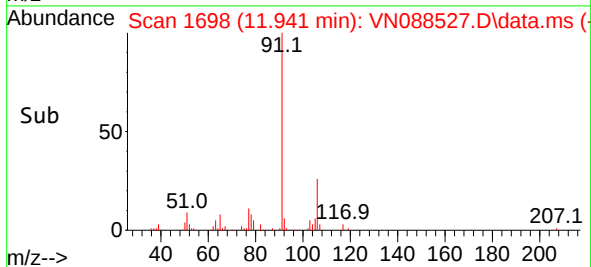
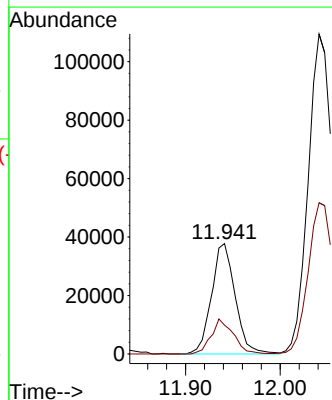
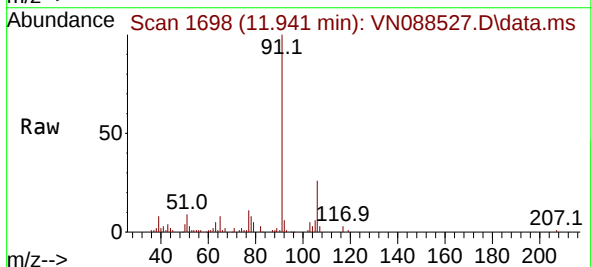
Instrument :
MSVOA_N
ClientSampleId :
AI COVE 11 12"

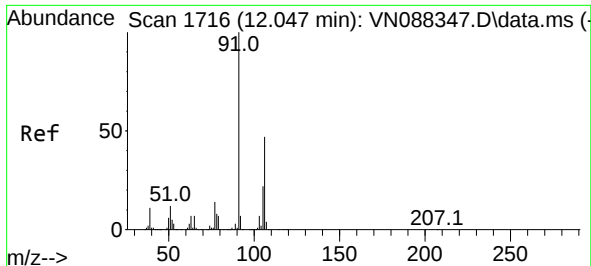
Tgt Ion:117 Resp: 597350
Ion Ratio Lower Upper
117 100
82 61.8 47.8 71.8
119 33.3 26.9 40.3



#67
Ethyl Benzene
Concen: 2.792 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088527.D
Acq: 16 Dec 2025 14:46

Tgt Ion: 91 Resp: 65485
Ion Ratio Lower Upper
91 100
106 26.1 23.6 35.4

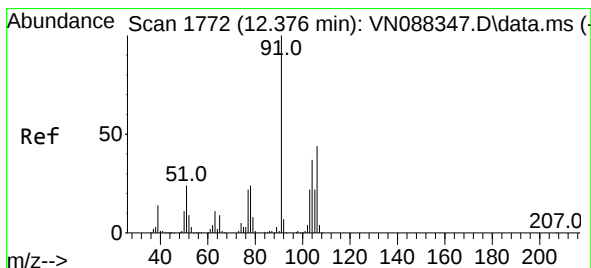
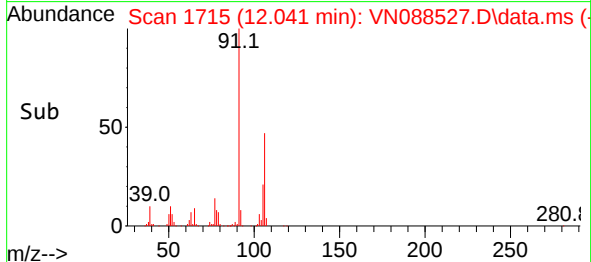
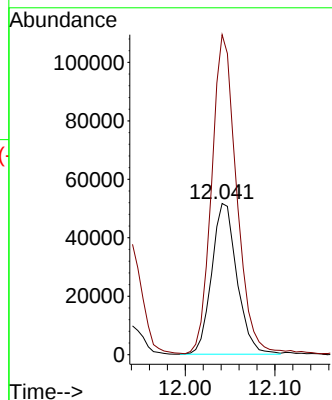
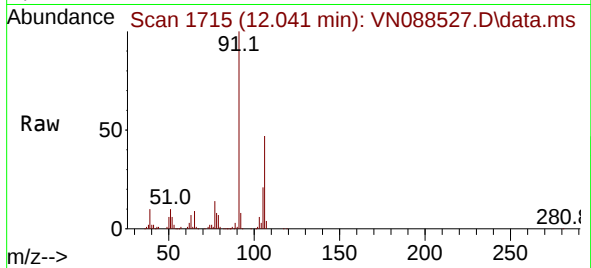




#68
m/p-Xylenes
Concen: 11.617 ug/l
RT: 12.041 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VN088527.D
Acq: 16 Dec 2025 14:46

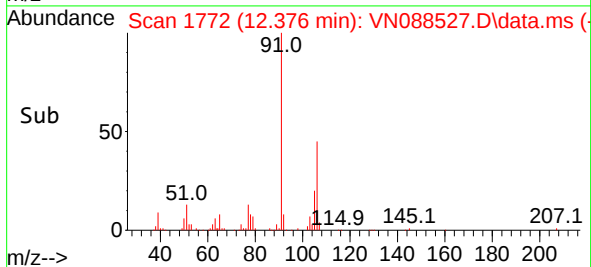
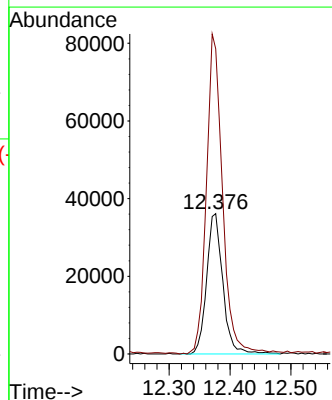
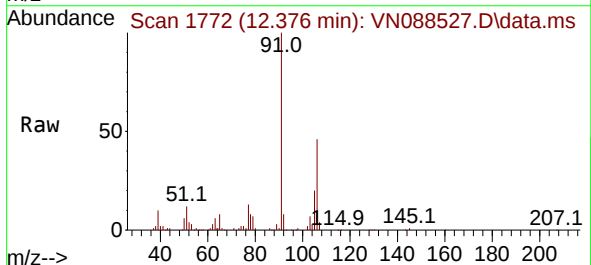
Instrument :
MSVOA_N
ClientSampleId :
AI COVE 11 12"

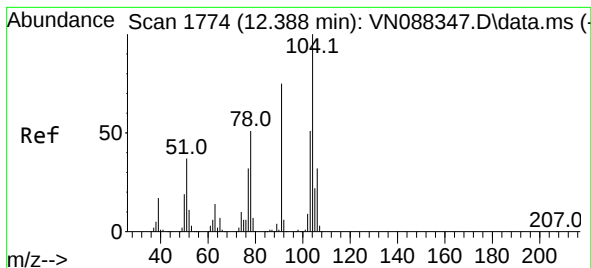
Tgt Ion:106 Resp: 101013
Ion Ratio Lower Upper
106 100
91 209.8 167.8 251.6



#69
o-Xylene
Concen: 8.064 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088527.D
Acq: 16 Dec 2025 14:46

Tgt Ion:106 Resp: 66850
Ion Ratio Lower Upper
106 100
91 225.8 112.9 338.7





#70

Styrene

Concen: 0.356 ug/l

RT: 12.376 min Scan# 1

Delta R.T. -0.012 min

Lab File: VN088527.D

Acq: 16 Dec 2025 14:46

Instrument :

MSVOA_N

ClientSampleId :

AI COVE 11 12"

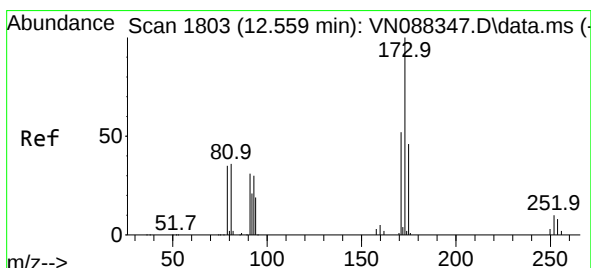
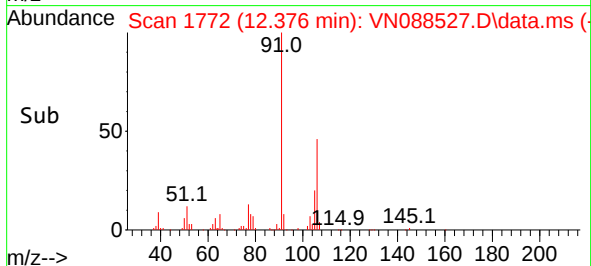
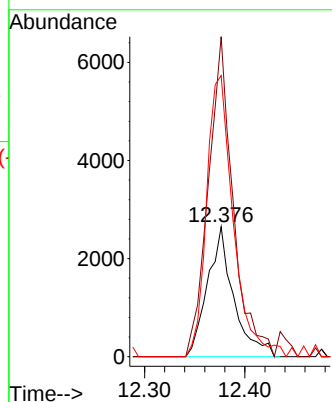
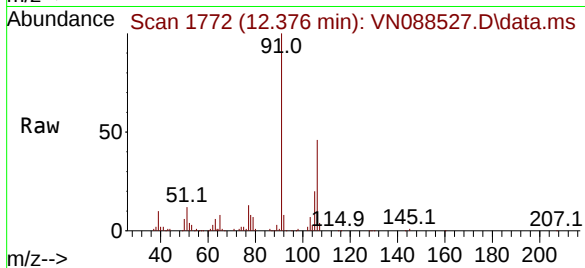
Tgt Ion:104 Resp: 4797

Ion Ratio Lower Upper

104 100

78 234.2 44.3 66.5#

103 221.9 44.2 66.4#



#71

Bromoform

Concen: 0.580 ug/l

RT: 12.829 min Scan# 1849

Delta R.T. 0.271 min

Lab File: VN088527.D

Acq: 16 Dec 2025 14:46

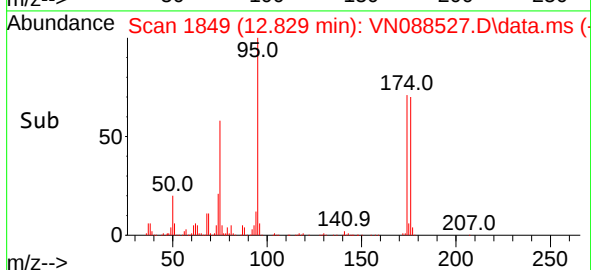
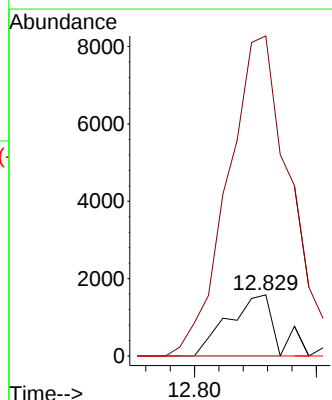
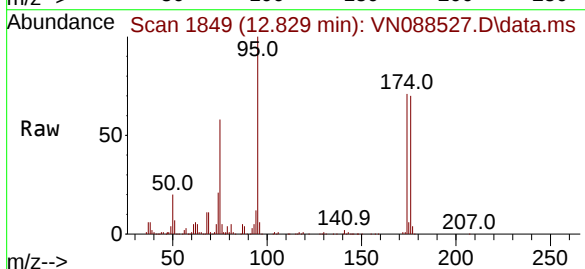
Tgt Ion:173 Resp: 1921

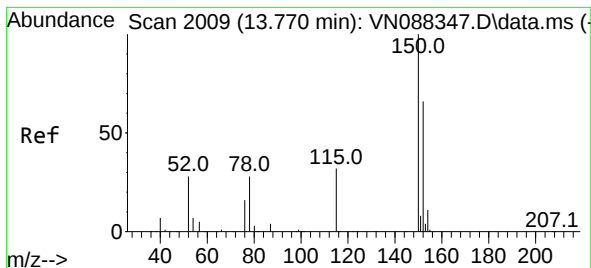
Ion Ratio Lower Upper

173 100

175 624.8 23.9 71.8#

254 0.0 0.1 0.1#

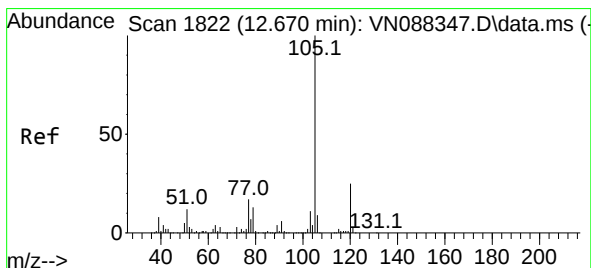
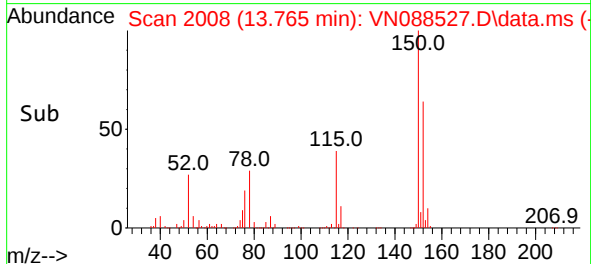
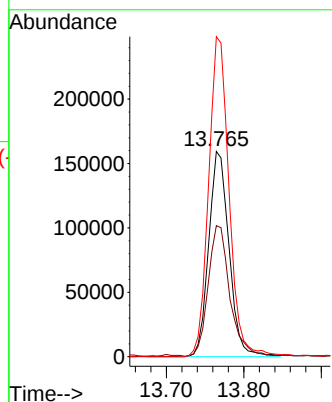
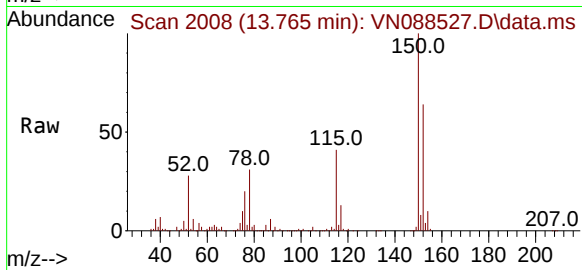




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.765 min Scan# 2009
Delta R.T. -0.006 min
Lab File: VN088527.D
Acq: 16 Dec 2025 14:46

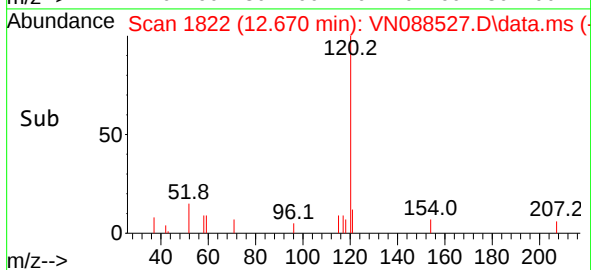
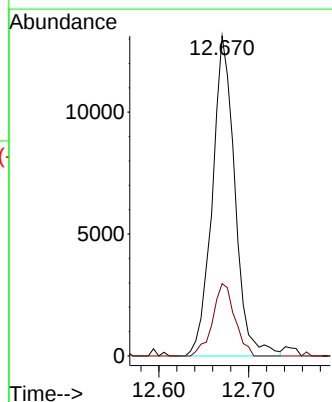
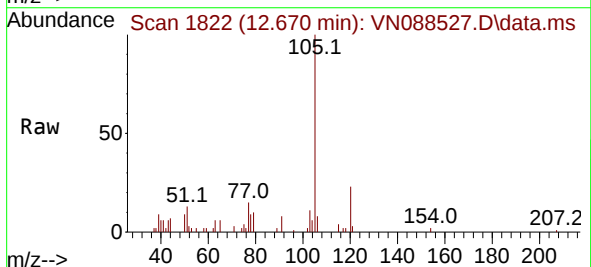
Instrument :
MSVOA_N
ClientSampleId :
AI COVE 11 12"

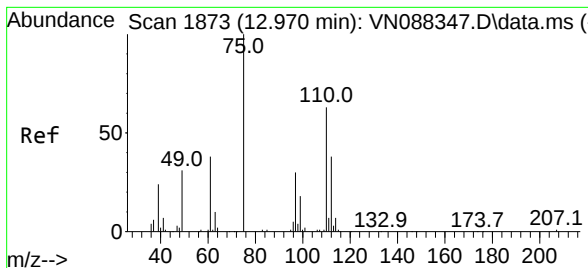
Tgt Ion:152 Resp: 291009
Ion Ratio Lower Upper
152 100
115 67.2 33.0 98.9
150 157.0 0.0 349.0



#73
Isopropylbenzene
Concen: 1.067 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN088527.D
Acq: 16 Dec 2025 14:46

Tgt Ion:105 Resp: 22967
Ion Ratio Lower Upper
105 100
120 22.2 12.8 38.3





#76

1,2,3-Trichloropropane

Concen: 23.862 ug/l

RT: 12.823 min Scan# 1848

Delta R.T. -0.147 min

Lab File: VN088527.D

Acq: 16 Dec 2025 14:46

Instrument :

MSVOA_N

ClientSampleId :

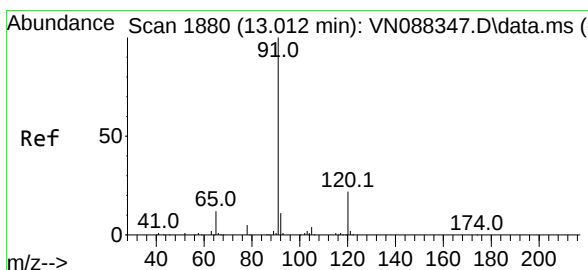
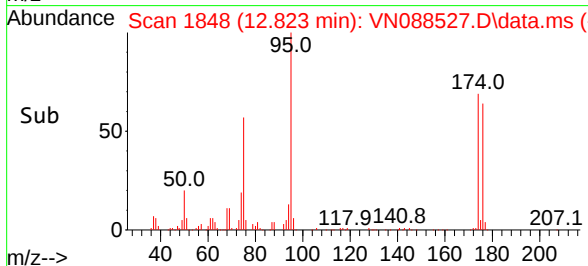
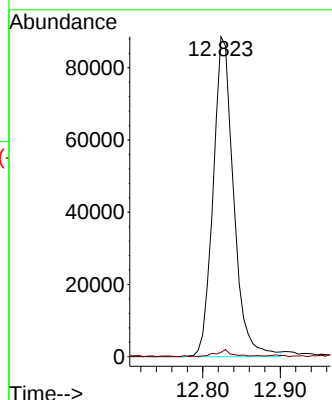
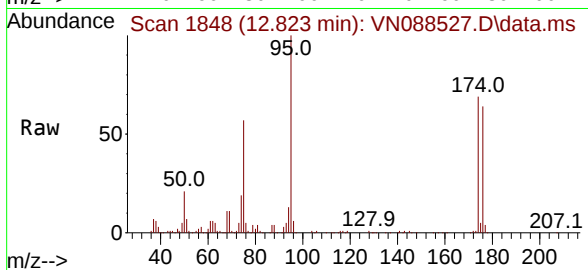
AI COVE 11 12"

Tgt Ion: 75 Resp: 162639

Ion Ratio Lower Upper

75 100

77 1.7 87.2 261.6#



#78

n-propylbenzene

Concen: 2.103 ug/l

RT: 13.012 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VN088527.D

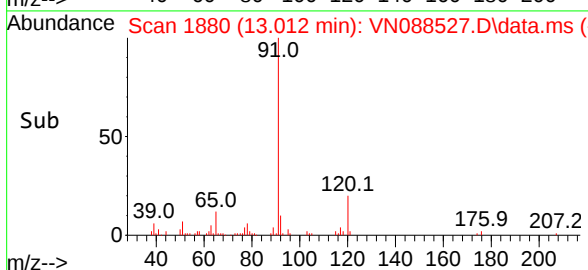
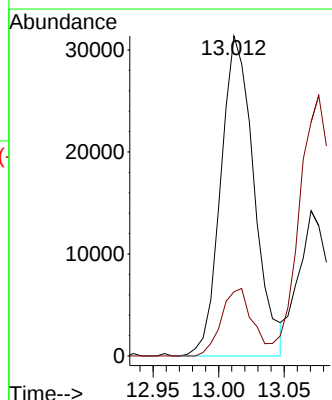
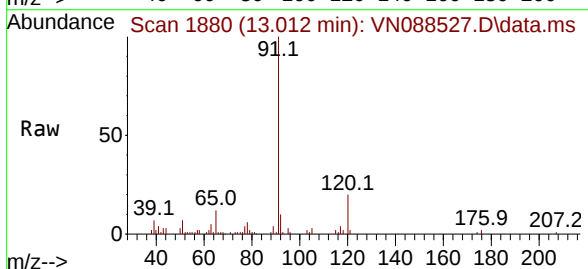
Acq: 16 Dec 2025 14:46

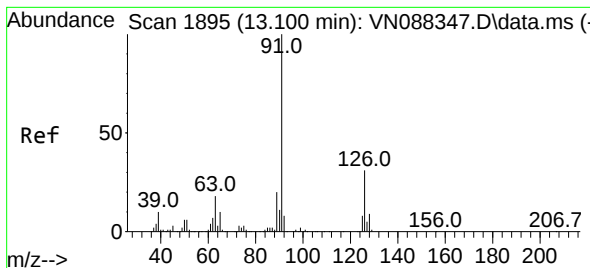
Tgt Ion: 91 Resp: 55354

Ion Ratio Lower Upper

91 100

120 19.4 10.9 32.6





#79

2-Chlorotoluene

Concen: 1.584 ug/l

RT: 13.070 min Scan# 1895

Delta R.T. -0.029 min

Lab File: VN088527.D

Acq: 16 Dec 2025 14:46

Instrument :

MSVOA_N

ClientSampleId :

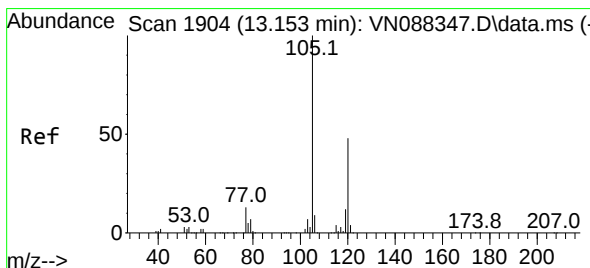
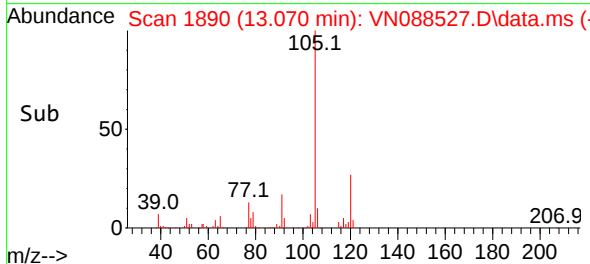
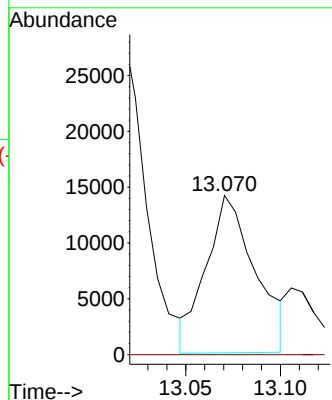
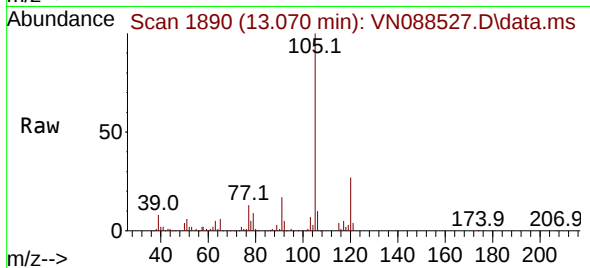
AI COVE 11 12"

Tgt Ion: 91 Resp: 25463

Ion Ratio Lower Upper

91 100

126 0.0 15.3 45.9#



#80

1,3,5-Trimethylbenzene

Concen: 5.404 ug/l

RT: 13.147 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VN088527.D

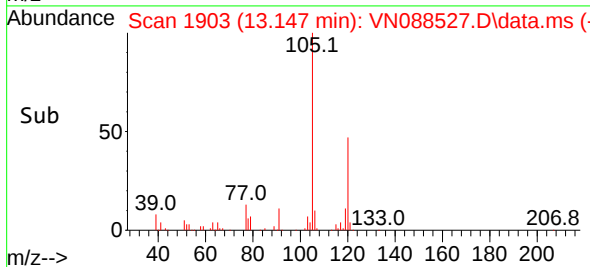
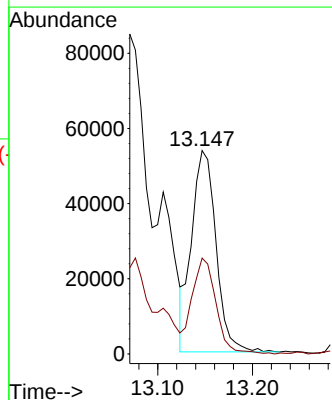
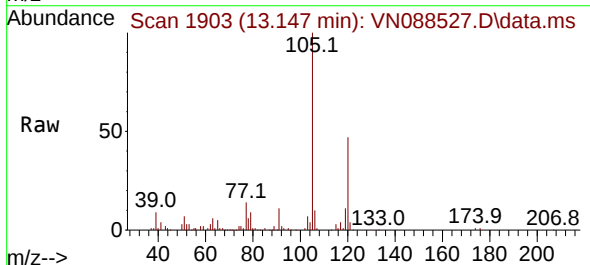
Acq: 16 Dec 2025 14:46

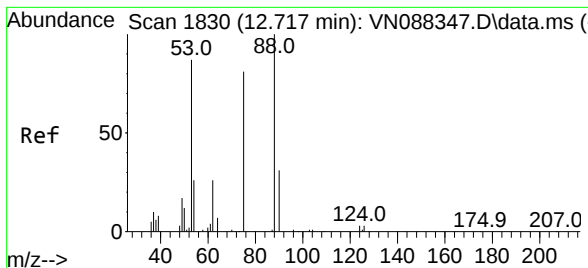
Tgt Ion:105 Resp: 96348

Ion Ratio Lower Upper

105 100

120 46.9 23.8 71.5

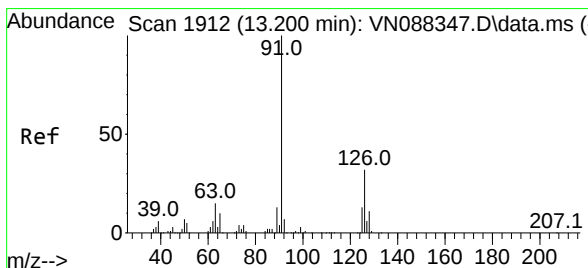
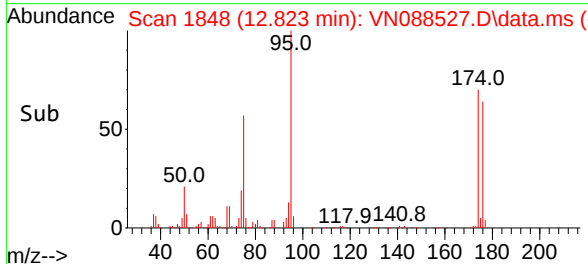
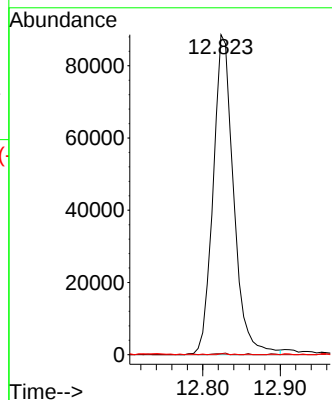
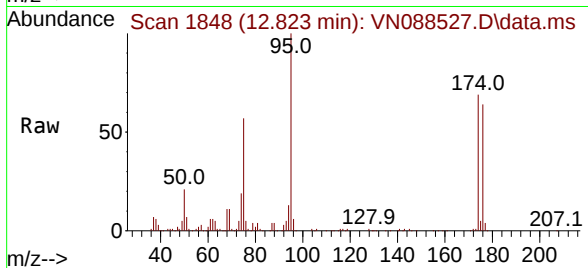




#81
trans-1,4-Dichloro-2-butene
Concen: 67.694 ug/l
RT: 12.823 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN088527.D
Acq: 16 Dec 2025 14:46

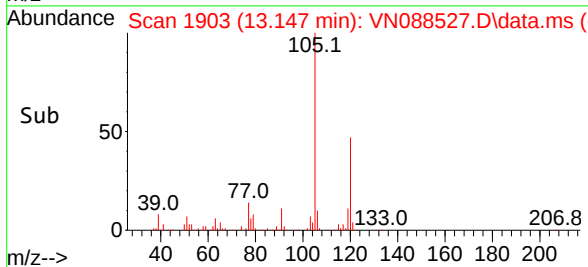
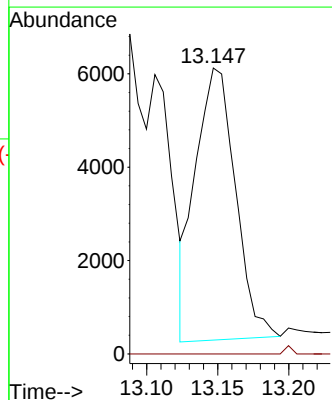
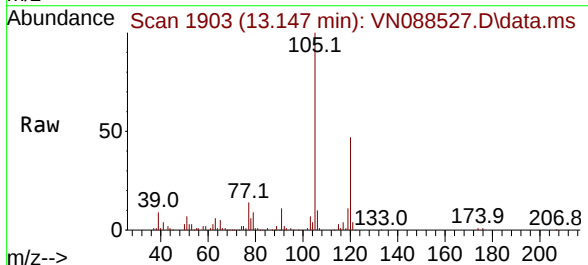
Instrument :
MSVOA_N
ClientSampleId :
AI COVE 11 12"

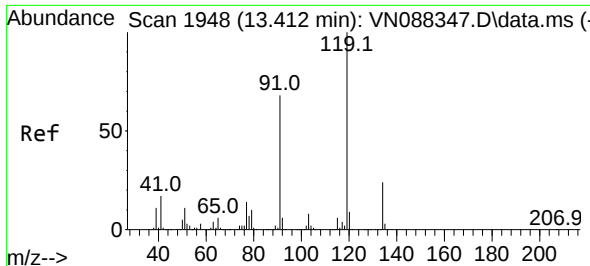
Tgt Ion: 75 Resp: 162639
Ion Ratio Lower Upper
75 100
53 0.3 92.2 138.4#
89 0.1 0.0 0.0#



#82
4-Chlorotoluene
Concen: 0.713 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.053 min
Lab File: VN088527.D
Acq: 16 Dec 2025 14:46

Tgt Ion: 91 Resp: 11384
Ion Ratio Lower Upper
91 100
126 0.0 15.6 46.7#

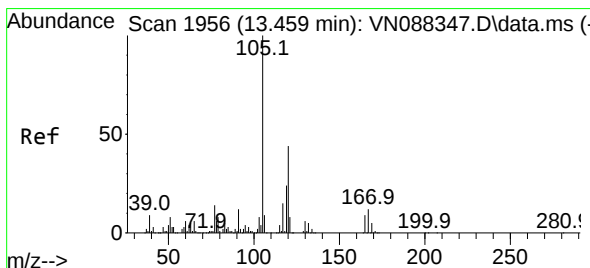
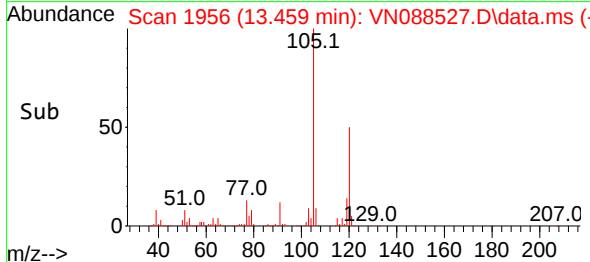
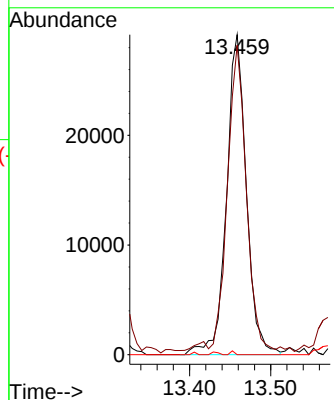
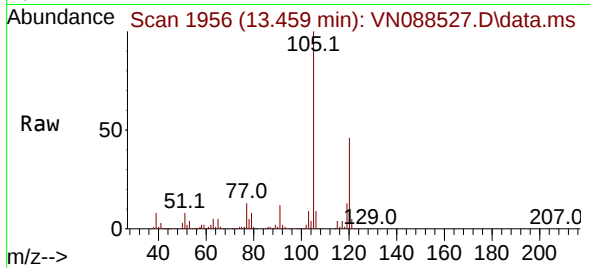




#83
tert-Butylbenzene
Concen: 3.277 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.047 min
Lab File: VN088527.D
Acq: 16 Dec 2025 14:46

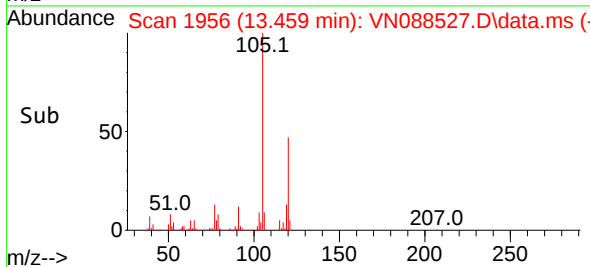
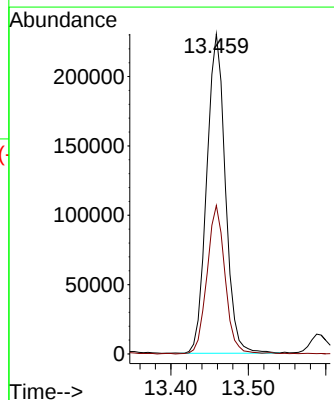
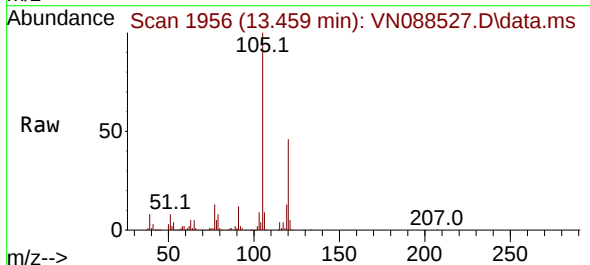
Instrument :
MSVOA_N
ClientSampleId :
AI COVE 11 12"

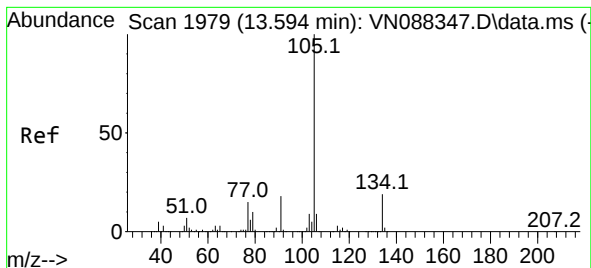
Tgt Ion:119 Resp: 49669
Ion Ratio Lower Upper
119 100
91 88.6 35.1 105.3
134 0.0 12.8 38.4#



#84
1,2,4-Trimethylbenzene
Concen: 21.688 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088527.D
Acq: 16 Dec 2025 14:46

Tgt Ion:105 Resp: 384345
Ion Ratio Lower Upper
105 100
120 45.4 22.1 66.1





#85

sec-Butylbenzene

Concen: 0.969 ug/l

RT: 13.588 min Scan# 1978

Delta R.T. -0.006 min

Lab File: VN088527.D

Acq: 16 Dec 2025 14:46

Instrument :

MSVOA_N

ClientSampleId :

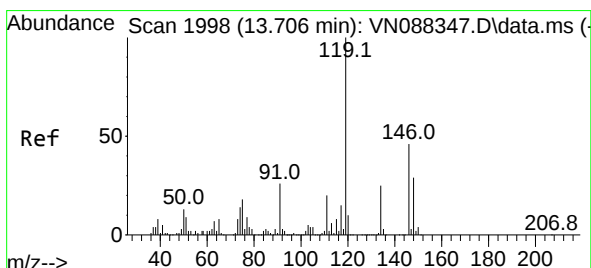
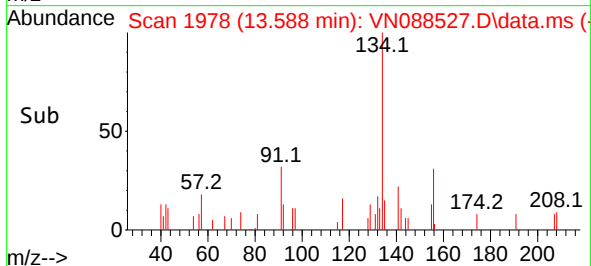
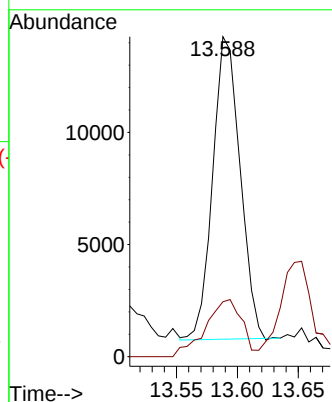
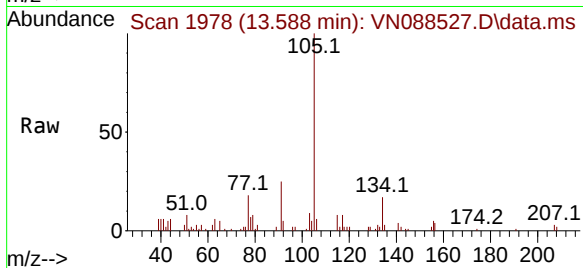
AI COVE 11 12"

Tgt Ion:105 Resp: 21101

Ion Ratio Lower Upper

105 100

134 25.3 9.5 28.5



#86

p-Isopropyltoluene

Concen: 1.027 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN088527.D

Acq: 16 Dec 2025 14:46

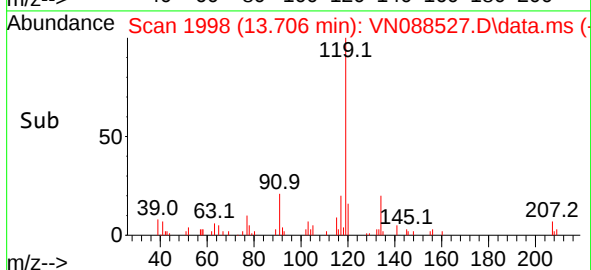
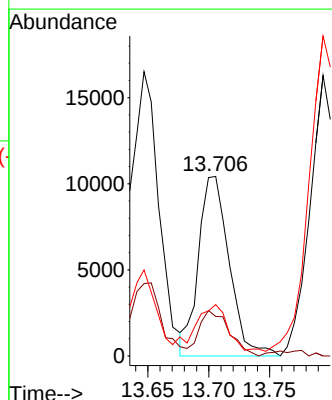
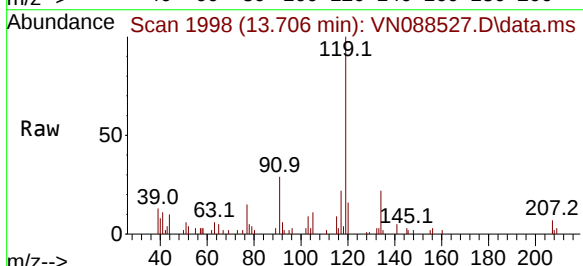
Tgt Ion:119 Resp: 18336

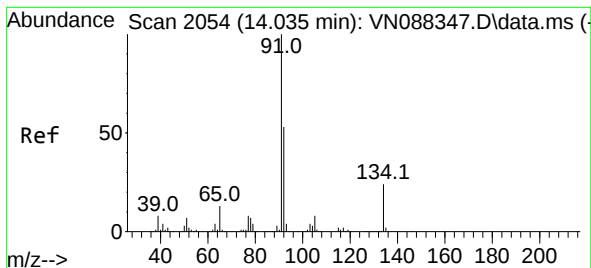
Ion Ratio Lower Upper

119 100

134 24.5 12.2 36.6

91 24.1 13.0 39.0





#89

n-Butylbenzene

Concen: 1.552 ug/l

RT: 14.029 min Scan# 2053

Delta R.T. -0.006 min

Lab File: VN088527.D

Acq: 16 Dec 2025 14:46

Instrument :

MSVOA_N

ClientSampleId :

AI COVE 11 12"

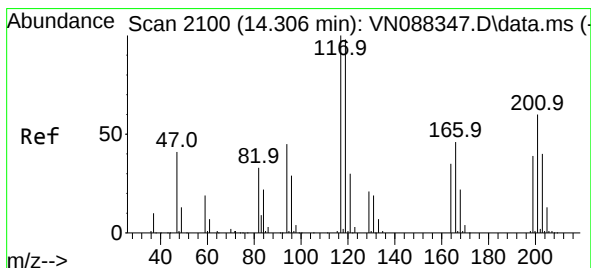
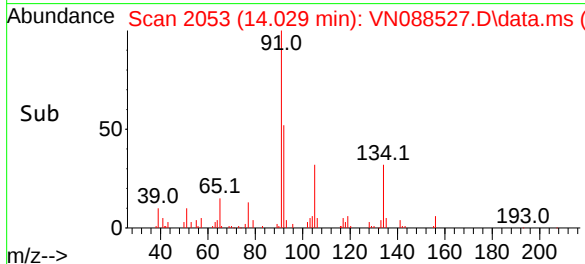
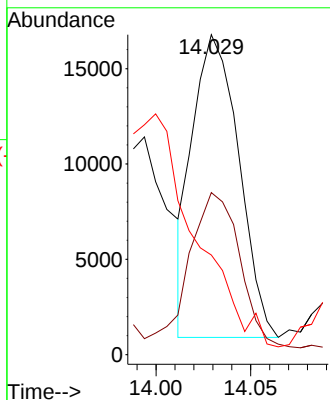
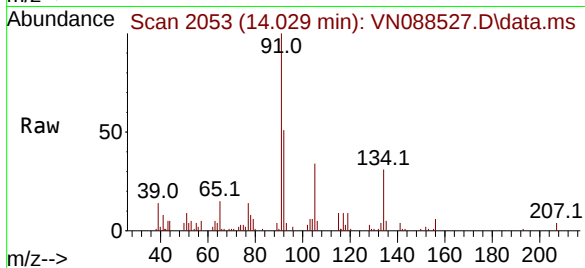
Tgt Ion: 91 Resp: 26899

Ion Ratio Lower Upper

91 100

92 58.2 26.1 78.3

134 0.0 11.7 35.1#



#90

Hexachloroethane

Concen: 2.445 ug/l

RT: 14.300 min Scan# 2099

Delta R.T. -0.006 min

Lab File: VN088527.D

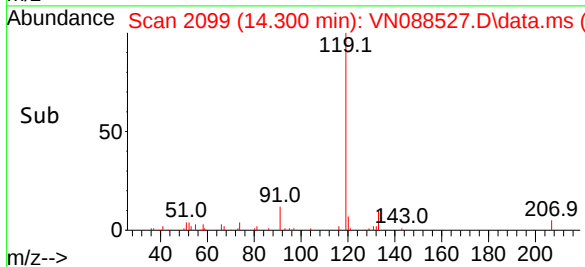
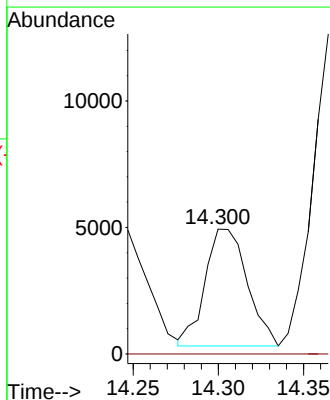
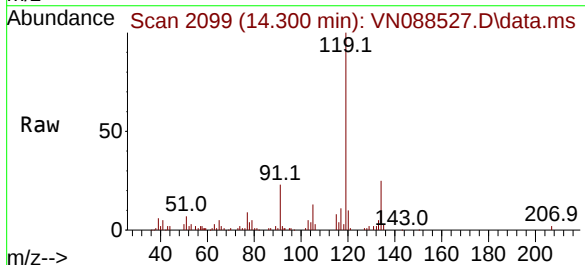
Acq: 16 Dec 2025 14:46

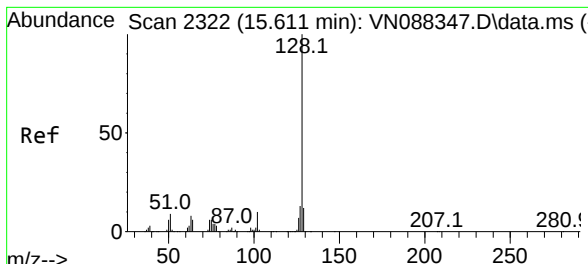
Tgt Ion: 117 Resp: 7976

Ion Ratio Lower Upper

117 100

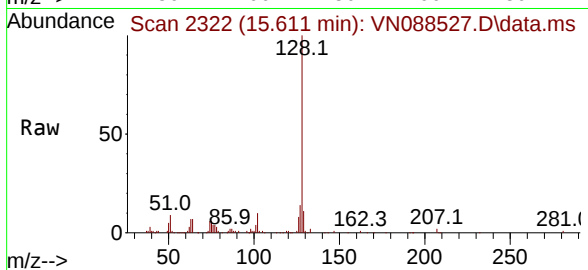
201 0.0 30.3 90.9#





#95
 Naphthalene
 Concen: 11.485 ug/l
 RT: 15.611 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN088527.D
 Acq: 16 Dec 2025 14:46

Instrument :
 MSVOA_N
 ClientSampleId :
 AI COVE 11 12"



Tgt Ion:	128	Resp:	213265
Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.4	15.6
129	10.7	9.0	13.6

