

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121625\
 Data File : VN088528.D
 Acq On : 16 Dec 2025 15:06
 Operator : JC\MD
 Sample : Q3855-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 326

Quant Time: Dec 17 01:43:14 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	281488	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	623612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	628228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.764	152	325084	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	285385	53.819	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.640%	
35) Dibromofluoromethane	8.147	113	218981	50.671	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.340%	
50) Toluene-d8	10.547	98	793343	49.338	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.680%	
62) 4-Bromofluorobenzene	12.823	95	323652	58.662	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 117.320%	

Target Compounds					Qvalue	
4) Vinyl Chloride	2.783	62	1769	0.383	ug/l #	74
5) Bromomethane	3.006	94	468	0.210	ug/l #	75
11) Tert butyl alcohol	5.488	59	937613	1107.499	ug/l #	76
13) Acrolein	4.183	56	4901	6.047	ug/l #	63
15) Acrylonitrile	5.483	53	17619	7.213	ug/l #	21
16) Acetone	4.418	43	1687671	880.039	ug/l	96
18) Methyl Acetate	5.024	43	18029	3.158	ug/l	94
20) Methylene Chloride	5.271	84	135306	32.977	ug/l	92
25) 2-Butanone	7.412	43	291002	94.390	ug/l #	74
26) 2,2-Dichloropropane	7.412	77	378865	57.035	ug/l #	56
29) Tetrahydrofuran	7.841	42	1976	0.894	ug/l #	53
31) Cyclohexane	8.200	56	153754	22.047	ug/l #	51
36) 1,1-Dichloropropene	8.347	75	1535	0.230	ug/l #	44
37) Ethyl Acetate	7.412	43	291002	33.182	ug/l #	1
38) Carbon Tetrachloride	8.206	117	31462	4.739	ug/l #	15
39) Methylcyclohexane	9.576	83	46631	6.536	ug/l	92
40) Benzene	8.582	78	56125	2.867	ug/l	93
41) Methacrylonitrile	7.841	41	1558	0.359	ug/l #	36
43) Isopropyl Acetate	8.682	43	91358	6.818	ug/l #	74
48) Methyl methacrylate	9.618	41	11951	1.955	ug/l #	43
49) 1,4-Dioxane	9.718	88	204	2.624	ug/l #	1
51) 4-Methyl-2-Pentanone	10.335	43	139128	17.616	ug/l #	48
53) t-1,3-Dichloropropene	10.612	75	469347	62.610	ug/l #	1
54) cis-1,3-Dichloropropene	10.335	75	50928	6.460	ug/l #	60
55) 1,1,2-Trichloroethane	10.982	97	6160	1.409	ug/l #	28
57) 1,3-Dichloropropane	11.188	76	3664	0.464	ug/l #	45
59) 2-Hexanone	11.188	43	70738	14.218	ug/l #	53
67) Ethyl Benzene	11.941	91	353100	14.317	ug/l	98
68) m/p-Xylenes	12.047	106	456438	49.914	ug/l	100
69) o-Xylene	12.370	106	275410	31.591	ug/l	98
70) Styrene	12.370	104	24753	1.749	ug/l #	1
73) Isopropylbenzene	12.670	105	46616	1.939	ug/l	97
74) N-amyl acetate	12.523	43	5059	0.618	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.853	83	3637	0.468	ug/l #	25
76) 1,2,3-Trichloropropane	12.823	75	184162	24.187	ug/l #	1
78) n-propylbenzene	13.012	91	144173	4.903	ug/l	98

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

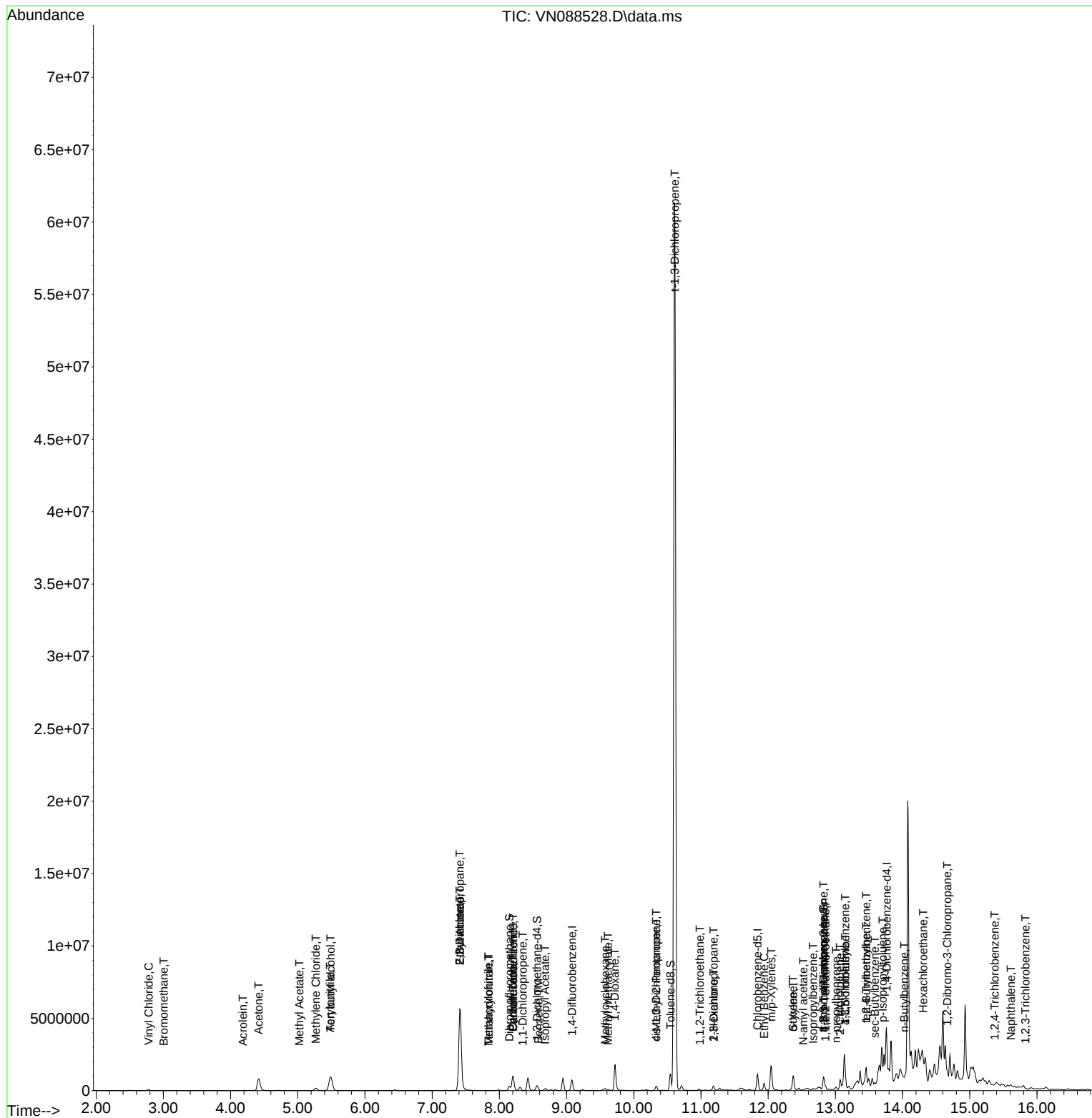
79) 2-Chlorotoluene	13.070	91	84337	4.697	ug/l #	45
80) 1,3,5-Trimethylbenzene	13.147	105	199290	10.006	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.823	75	184162	68.618	ug/l #	1
82) 4-Chlorotoluene	13.147	91	24088	1.351	ug/l #	54
83) tert-Butylbenzene	13.459	119	100094	5.912	ug/l #	68
84) 1,2,4-Trimethylbenzene	13.459	105	820906	41.466	ug/l	100
85) sec-Butylbenzene	13.588	105	30645	1.260	ug/l #	75
86) p-Isopropyltoluene	13.706	119	23194	1.163	ug/l	98
89) n-Butylbenzene	14.029	91	51055	2.636	ug/l #	76
90) Hexachloroethane	14.306	117	16617	4.561	ug/l #	20
92) 1,2-Dibromo-3-Chloropr...	14.664	75	1391	0.738	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.370	180	1480	0.247	ug/l #	14
95) Naphthalene	15.611	128	211271	10.185	ug/l	98
96) 1,2,3-Trichlorobenzene	15.829	180	1469	0.252	ug/l #	22

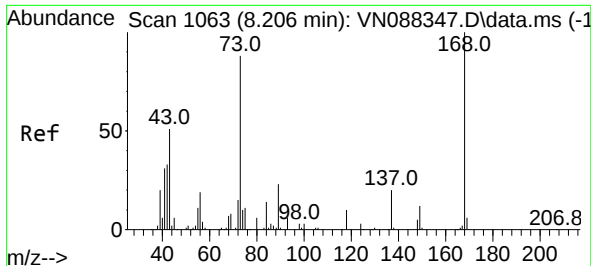
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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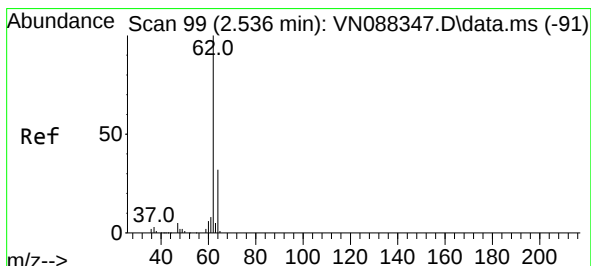
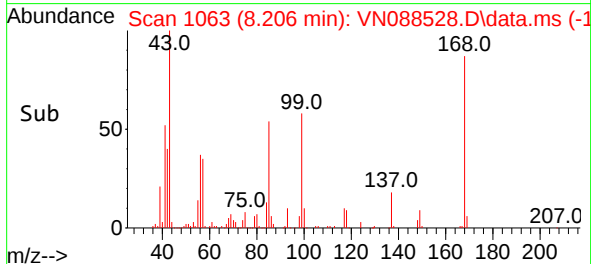
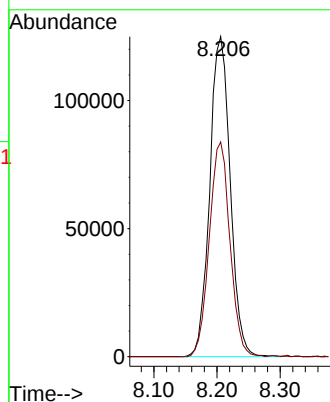
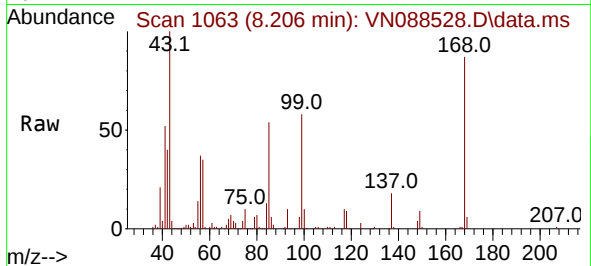




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

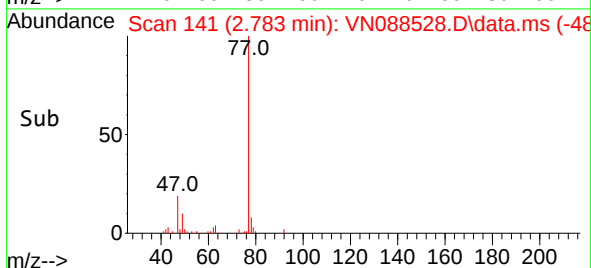
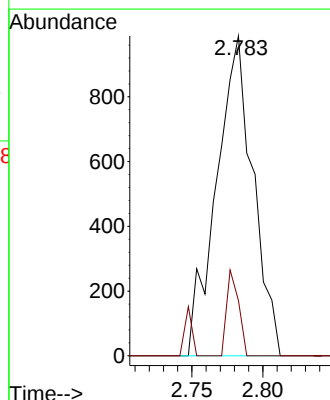
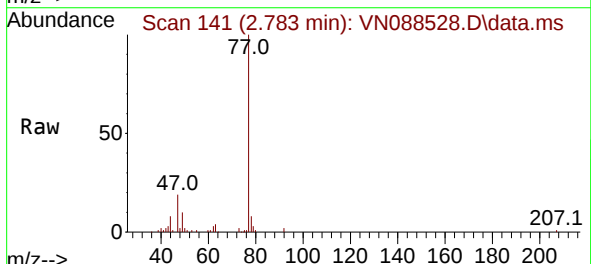
Instrument :
MSVOA_N
ClientSampleId :
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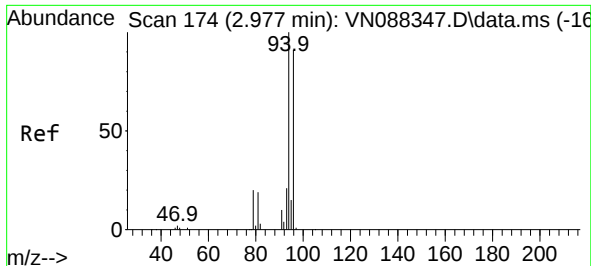
Tgt Ion:168 Resp: 281488
Ion Ratio Lower Upper
168 100
99 67.1 57.1 85.7



#4
Vinyl Chloride
Concen: 0.383 ug/l
RT: 2.783 min Scan# 141
Delta R.T. 0.247 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

Tgt Ion: 62 Resp: 1769
Ion Ratio Lower Upper
62 100
64 17.3 25.4 38.2#

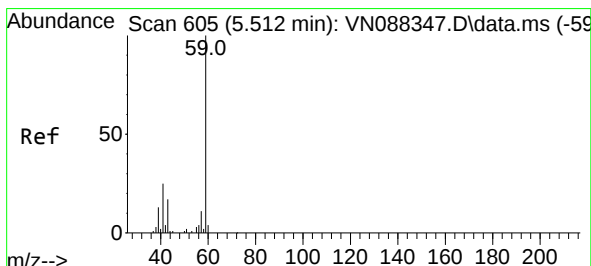
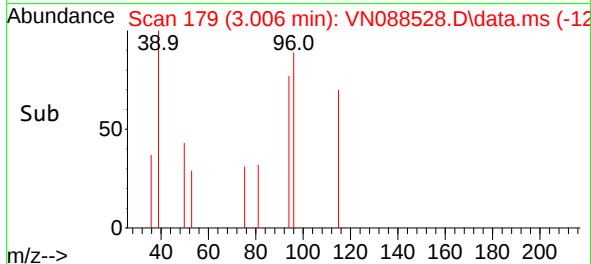
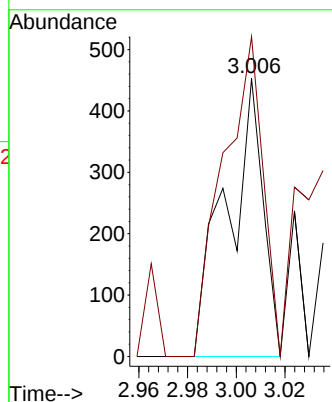
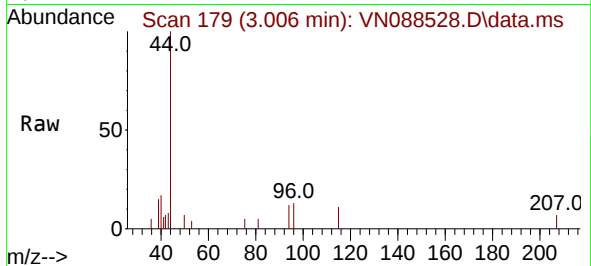




#5
Bromomethane
Concen: 0.210 ug/l
RT: 3.006 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

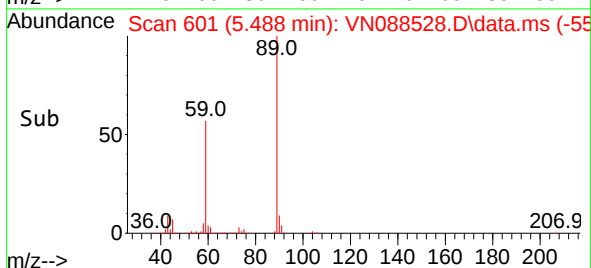
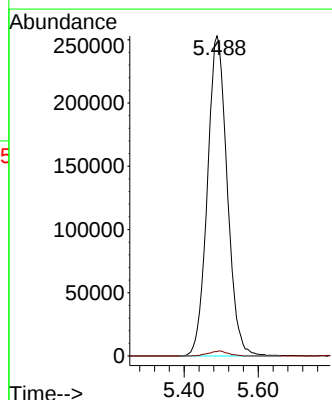
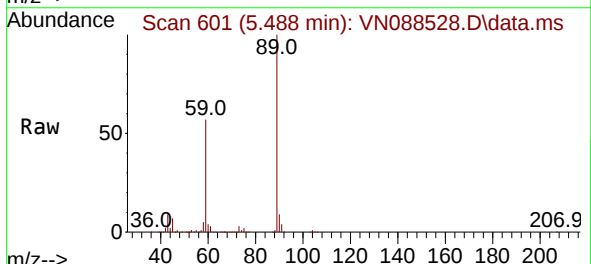
Instrument :
MSVOA_N
ClientSampleId :
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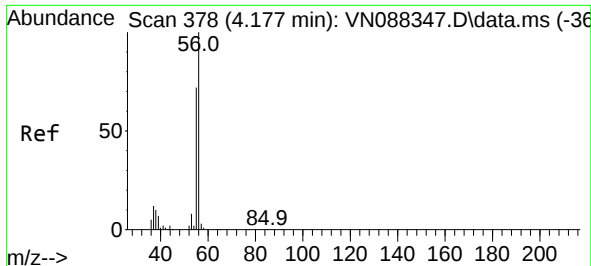
Tgt Ion: 94 Resp: 468
Ion Ratio Lower Upper
94 100
96 115.0 73.2 109.8#



#11
Tert butyl alcohol
Concen: 1107.499 ug/l
RT: 5.488 min Scan# 601
Delta R.T. -0.024 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

Tgt Ion: 59 Resp: 937613
Ion Ratio Lower Upper
59 100
57 1.5 8.5 12.7#

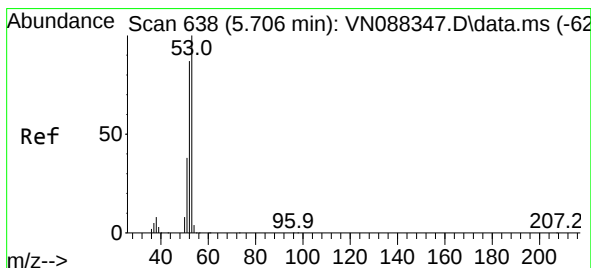
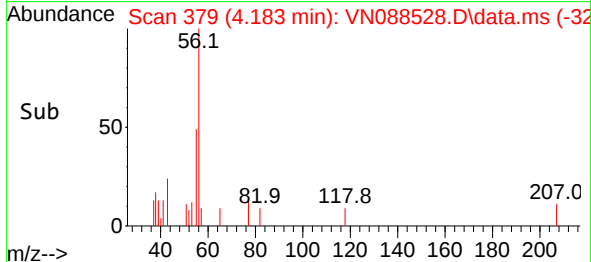
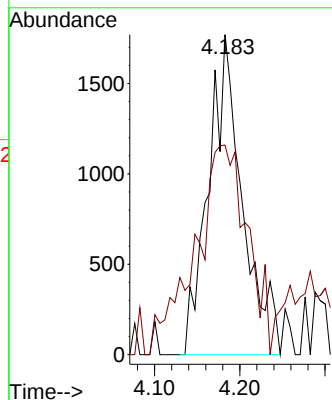
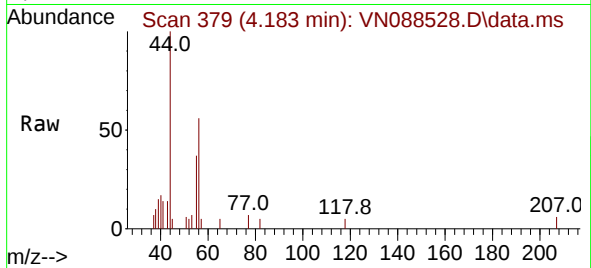




#13
Acrolein
Concen: 6.047 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

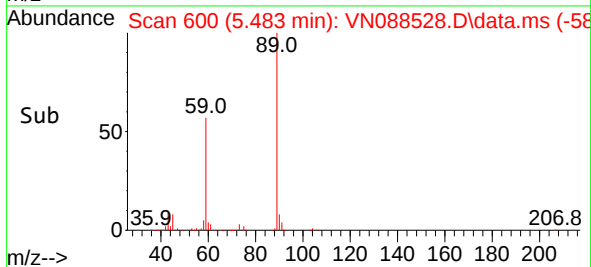
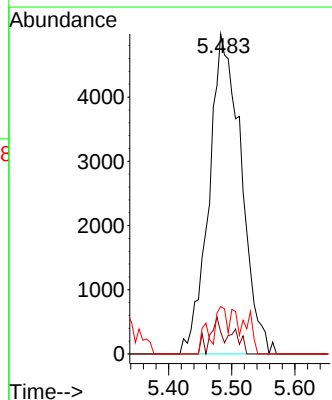
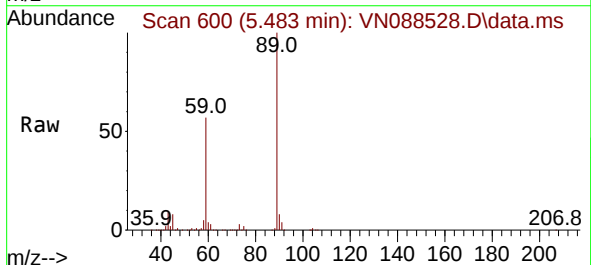
Instrument :
MSVOA_N
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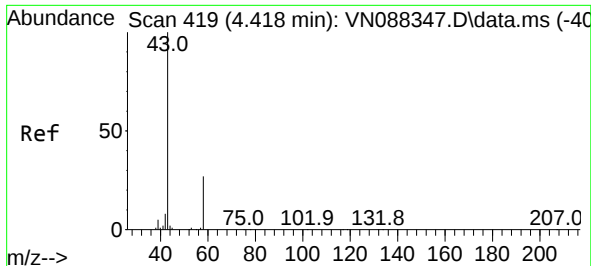
Tgt Ion: 56 Resp: 4901
Ion Ratio Lower Upper
56 100
55 101.1 56.3 84.5#



#15
Acrylonitrile
Concen: 7.213 ug/l
RT: 5.483 min Scan# 600
Delta R.T. -0.224 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

Tgt Ion: 53 Resp: 17619
Ion Ratio Lower Upper
53 100
52 4.1 67.8 101.6#
51 3.6 29.8 44.8#

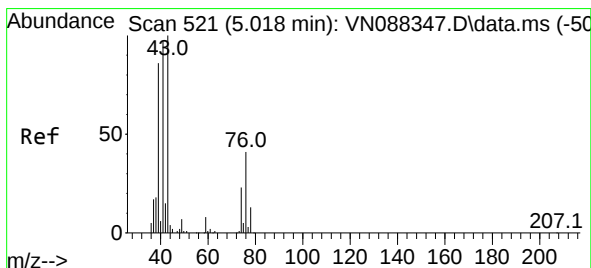
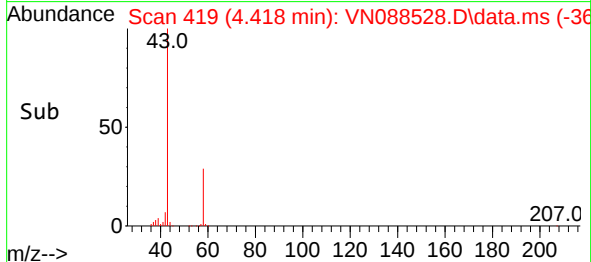
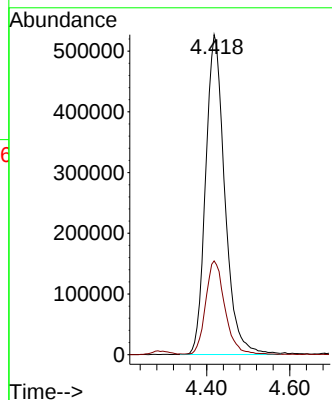
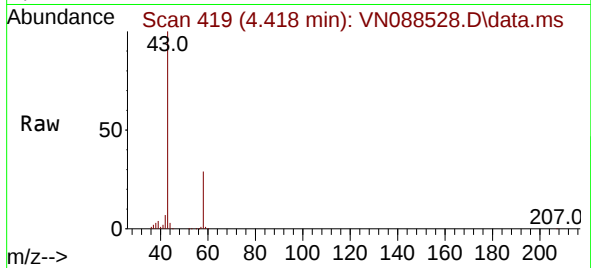




#16
Acetone
Concen: 880.039 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

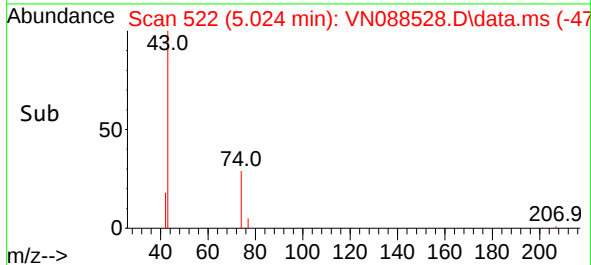
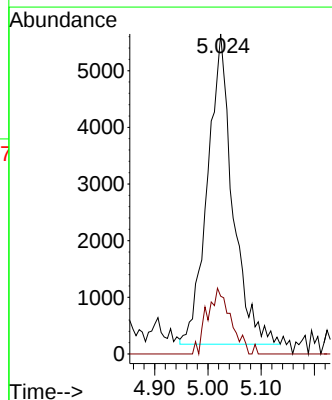
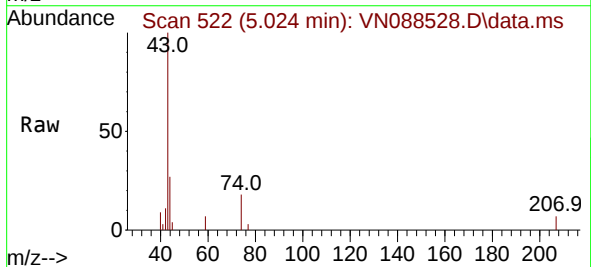
Instrument :
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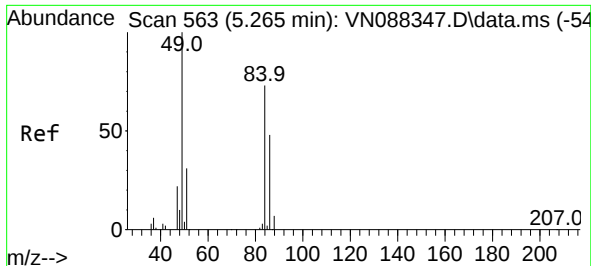
Tgt Ion: 43 Resp: 1687671
Ion Ratio Lower Upper
43 100
58 29.2 21.7 32.5



#18
Methyl Acetate
Concen: 3.158 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

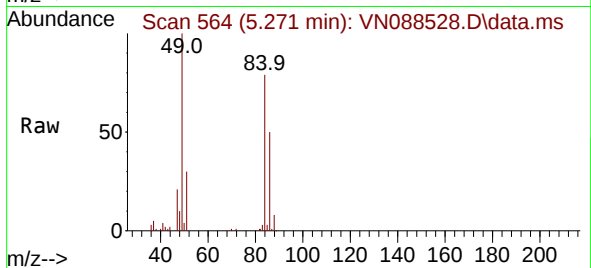
Tgt Ion: 43 Resp: 18029
Ion Ratio Lower Upper
43 100
74 19.7 17.9 26.9



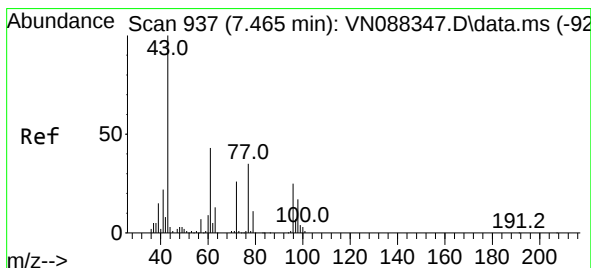
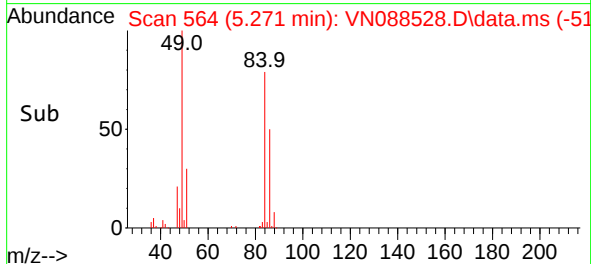
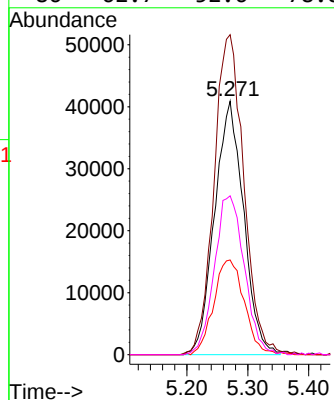


#20
Methylene Chloride
Concen: 32.977 ug/l
RT: 5.271 min Scan# 51
Delta R.T. 0.006 min
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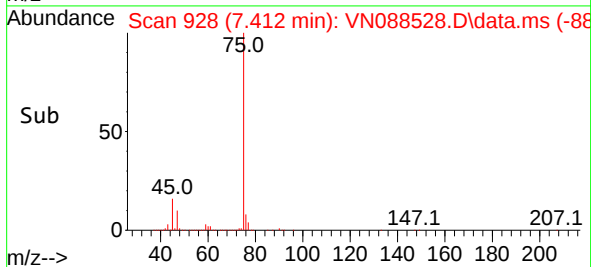
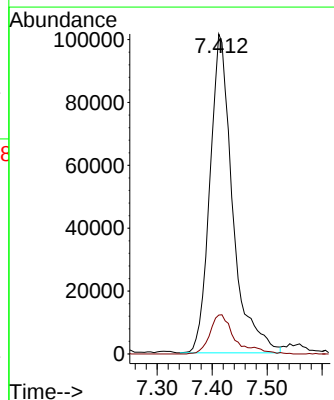
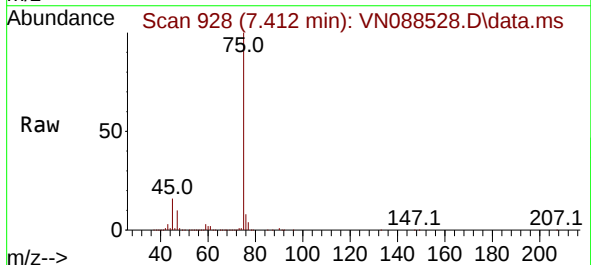


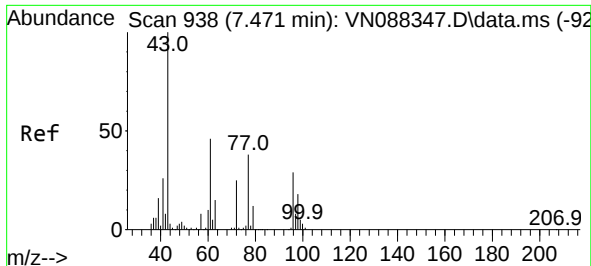
Tgt Ion: 84 Resp: 135306
Ion Ratio Lower Upper
84 100
49 126.3 110.2 165.2
51 37.4 34.1 51.1
86 62.7 52.6 78.8



#25
2-Butanone
Concen: 94.390 ug/l
RT: 7.412 min Scan# 928
Delta R.T. -0.053 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

Tgt Ion: 43 Resp: 291002
Ion Ratio Lower Upper
43 100
72 12.2 20.5 30.7#

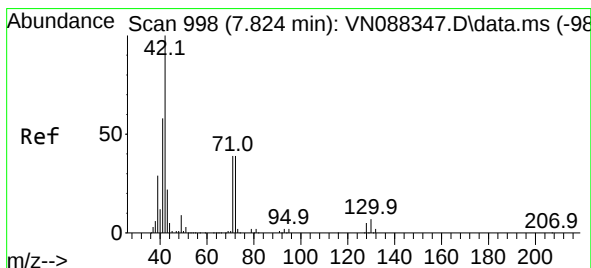
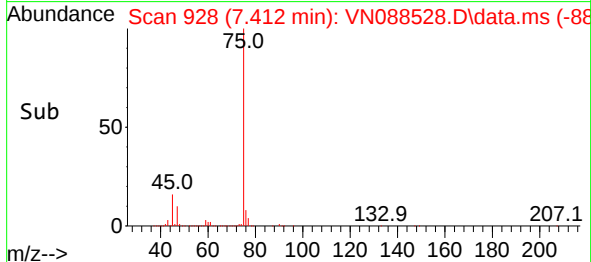
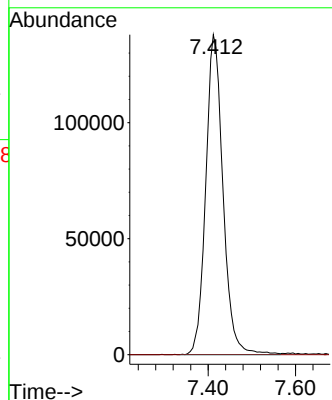
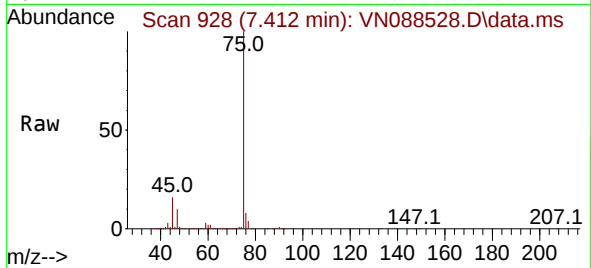




#26
2,2-Dichloropropane
Concen: 57.035 ug/l
RT: 7.412 min Scan# 91
Delta R.T. -0.059 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

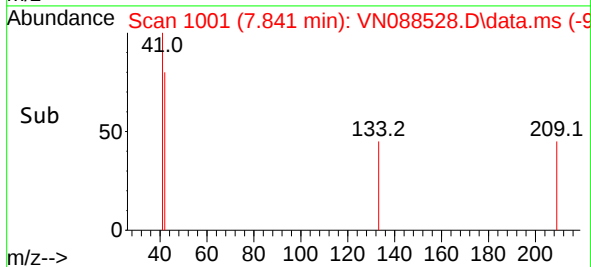
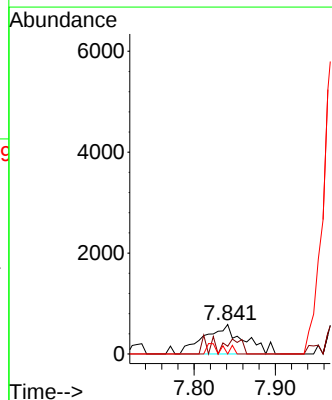
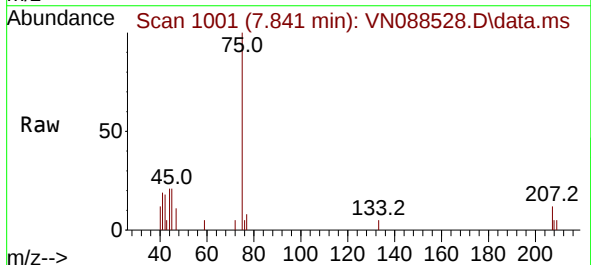
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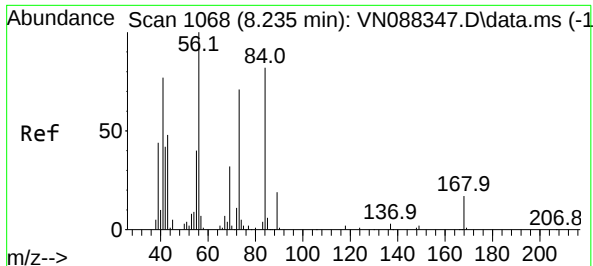
Tgt Ion: 77 Resp: 378865
Ion Ratio Lower Upper
77 100
97 0.0 10.3 30.9#



#29
Tetrahydrofuran
Concen: 0.894 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.018 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

Tgt Ion: 42 Resp: 1976
Ion Ratio Lower Upper
42 100
72 21.1 32.2 48.4#
71 0.0 31.1 46.7#

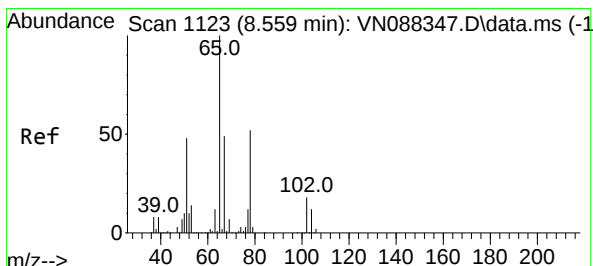
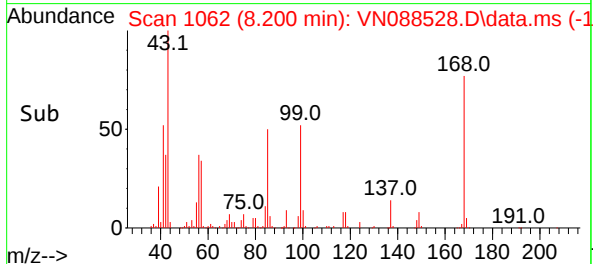
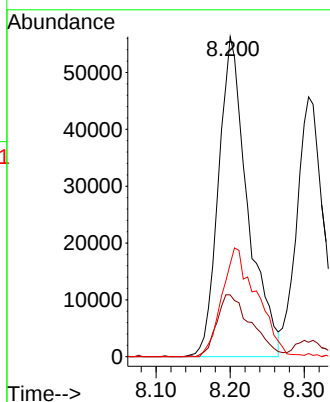
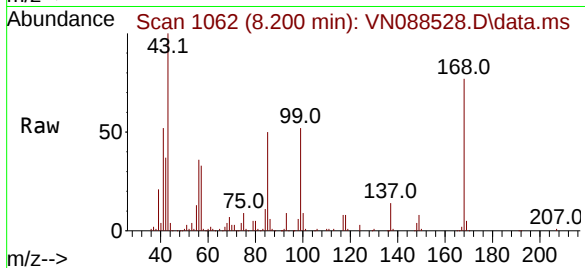




#31
Cyclohexane
Concen: 22.047 ug/l
RT: 8.200 min Scan# 1062
Delta R.T. -0.035 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

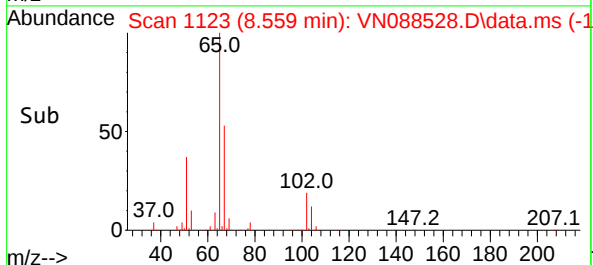
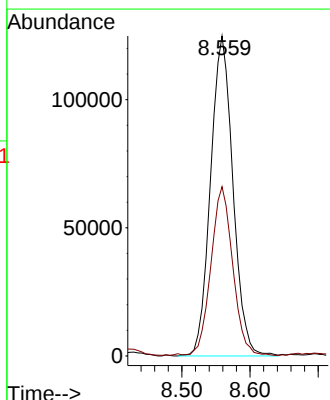
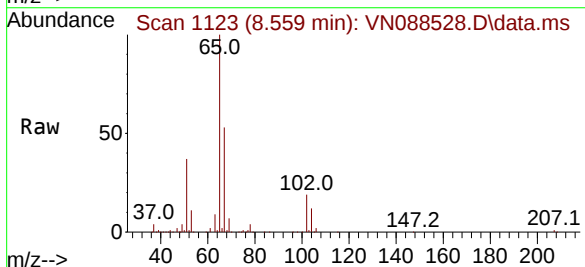
Instrument :
MSVOA_N
ClientSampleId :
326

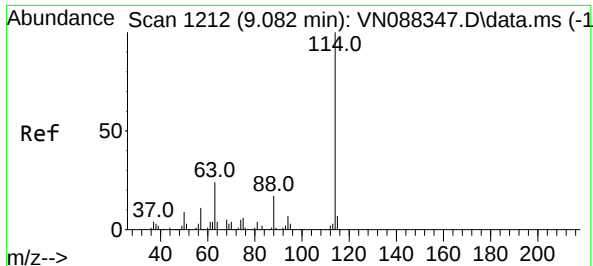
Tgt Ion: 56 Resp: 153754
Ion Ratio Lower Upper
56 100
69 19.3 25.3 37.9#
84 29.0 65.4 98.2#



#33
1,2-Dichloroethane-d4
Concen: 53.819 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

Tgt Ion: 65 Resp: 285385
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN088528.D

Acq: 16 Dec 2025 15:06

Instrument :

MSVOA_N

ClientSampleId :

326

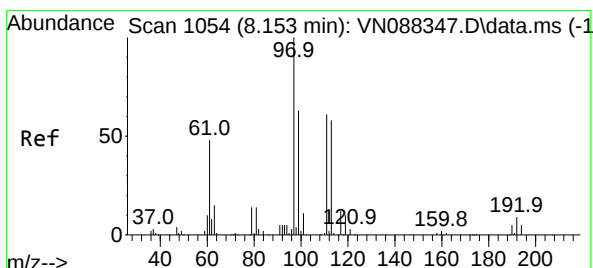
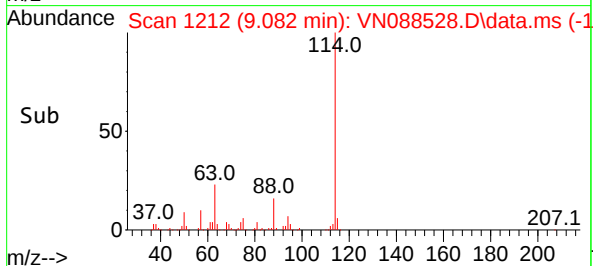
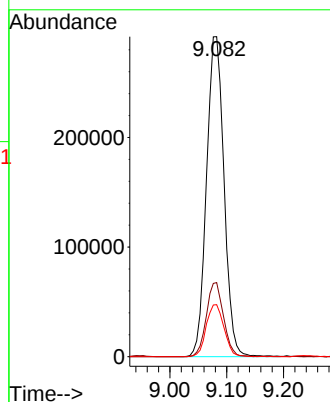
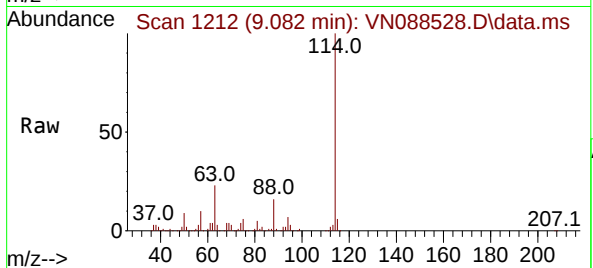
Tgt Ion:114 Resp: 623612

Ion Ratio Lower Upper

114 100

63 23.1 0.0 49.0

88 16.2 0.0 34.0



#35

Dibromofluoromethane

Concen: 50.671 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088528.D

Acq: 16 Dec 2025 15:06

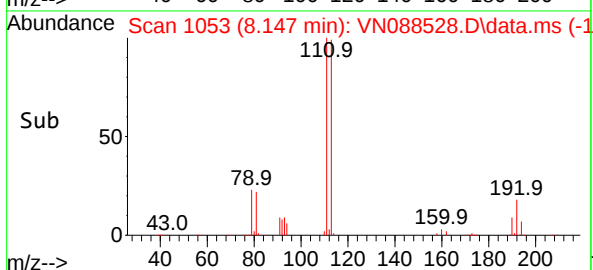
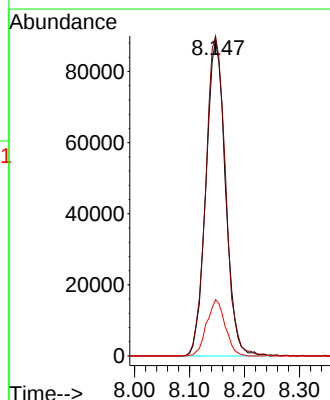
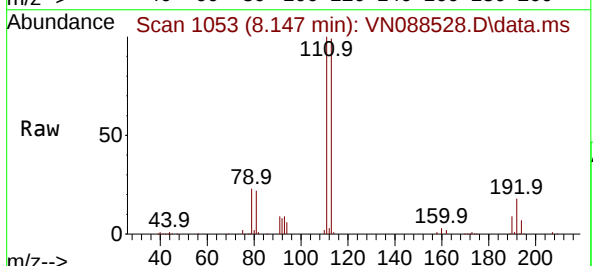
Tgt Ion:113 Resp: 218981

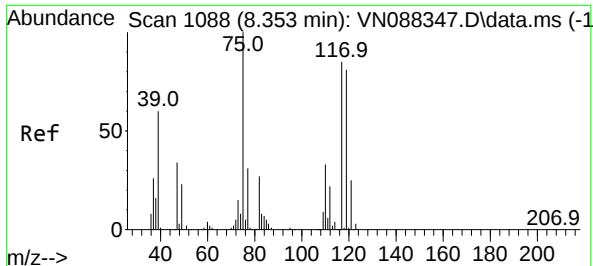
Ion Ratio Lower Upper

113 100

111 102.6 82.5 123.7

192 16.9 12.8 19.2





#36

1,1-Dichloropropene

Concen: 0.230 ug/l

RT: 8.347 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN088528.D

Acq: 16 Dec 2025 15:06

Instrument :

MSVOA_N

ClientSampleId :

326

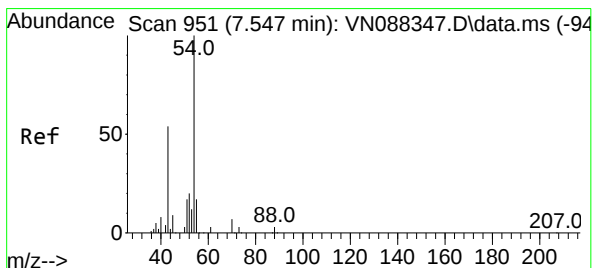
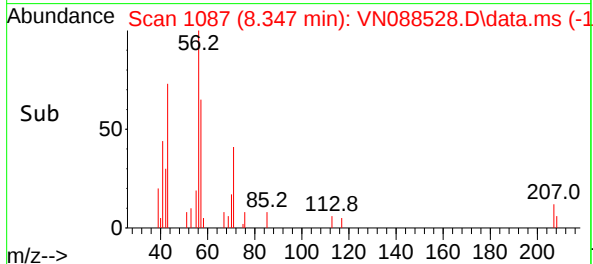
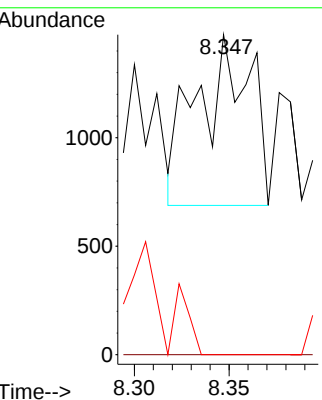
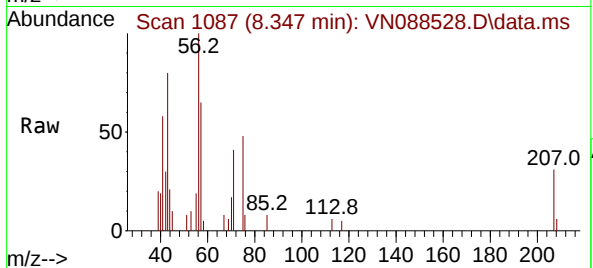
Tgt Ion: 75 Resp: 1535

Ion Ratio Lower Upper

75 100

110 0.0 15.8 47.4#

77 0.0 24.2 36.2#



#37

Ethyl Acetate

Concen: 33.182 ug/l

RT: 7.412 min Scan# 928

Delta R.T. -0.135 min

Lab File: VN088528.D

Acq: 16 Dec 2025 15:06

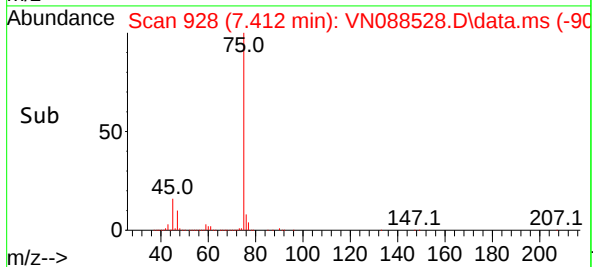
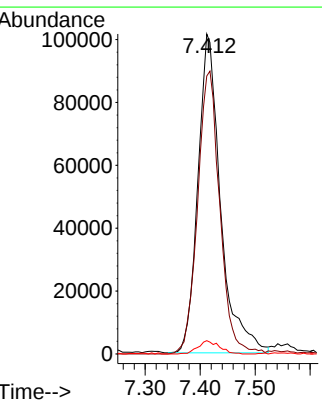
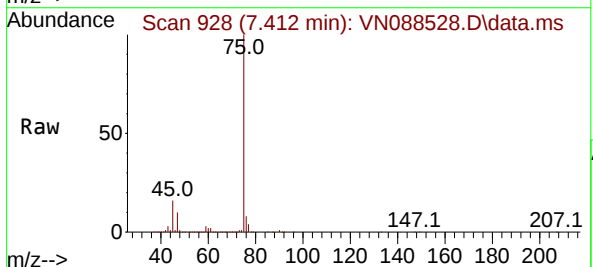
Tgt Ion: 43 Resp: 291002

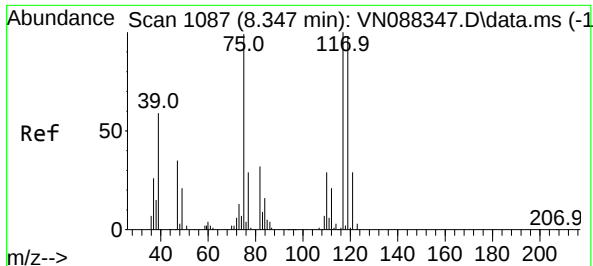
Ion Ratio Lower Upper

43 100

61 86.8 9.5 14.3#

70 3.9 7.1 10.7#

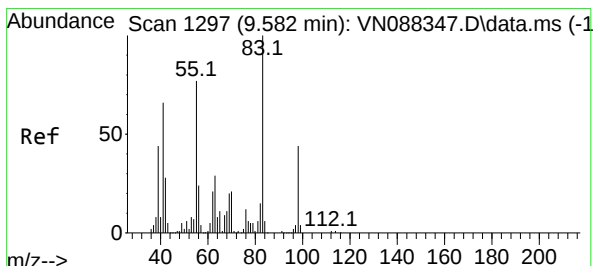
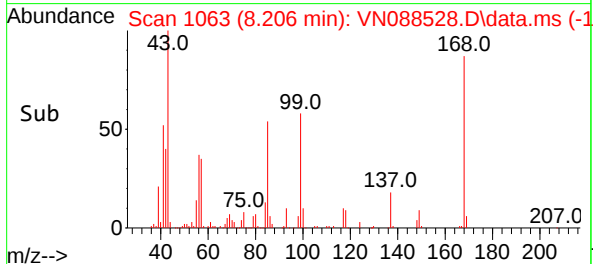
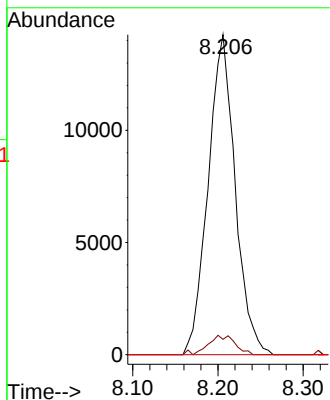
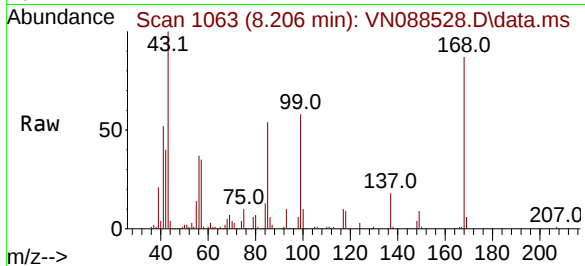




#38
Carbon Tetrachloride
Concen: 4.739 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.141 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

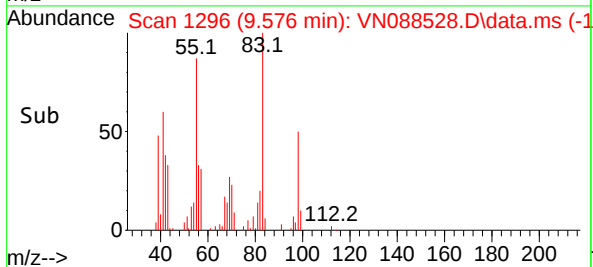
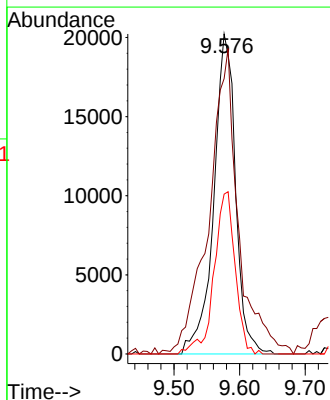
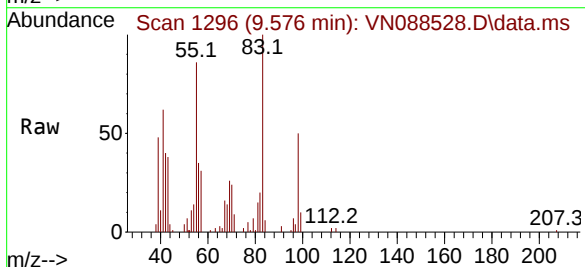
Instrument :
MSVOA_N
ClientSampleId :
326

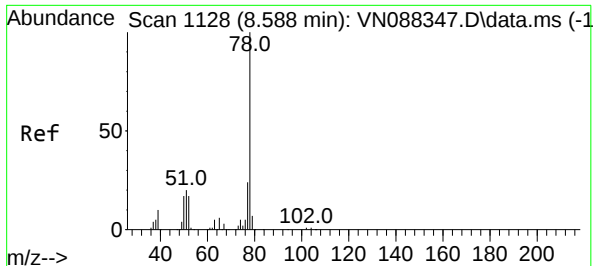
Tgt Ion:117 Resp: 31462
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.4#
121 0.0 23.4 35.2#



#39
Methylcyclohexane
Concen: 6.536 ug/l
RT: 9.576 min Scan# 1296
Delta R.T. -0.006 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

Tgt Ion: 83 Resp: 46631
Ion Ratio Lower Upper
83 100
55 83.3 61.6 92.4
98 50.0 35.3 52.9

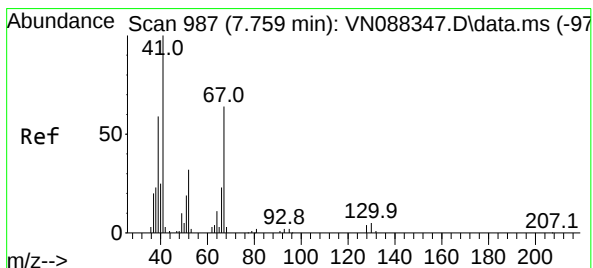
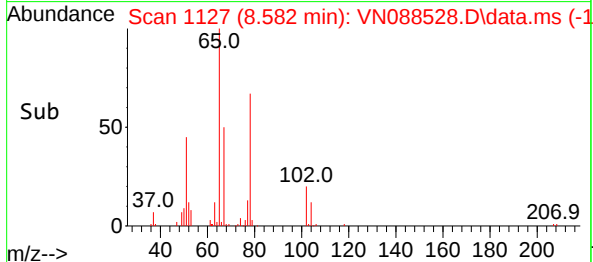
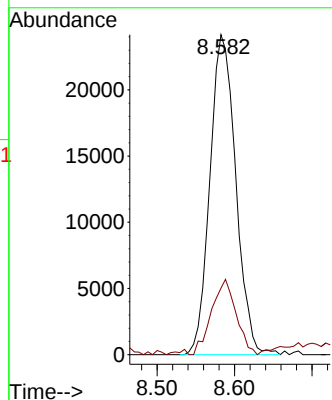
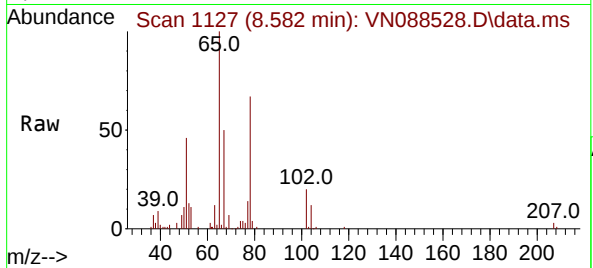




#40
Benzene
Concen: 2.867 ug/l
RT: 8.582 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

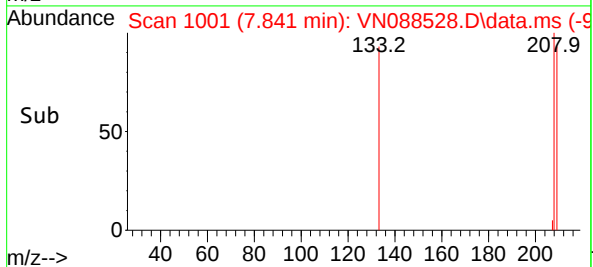
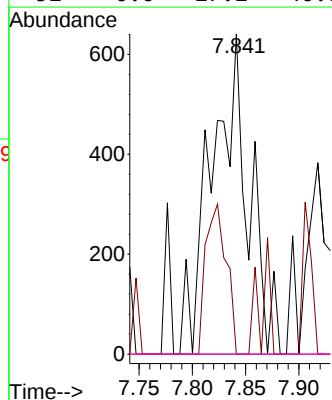
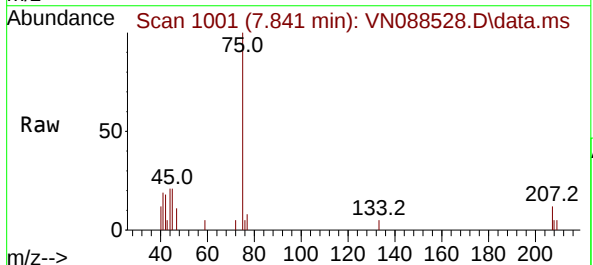
Instrument :
MSVOA_N
ClientSampleId :
326

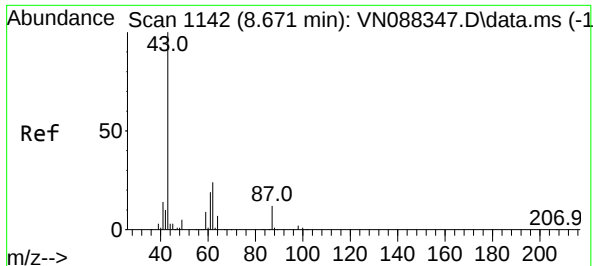
Tgt Ion: 78 Resp: 56125
Ion Ratio Lower Upper
78 100
77 20.2 19.0 28.4



#41
Methacrylonitrile
Concen: 0.359 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.082 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

Tgt Ion: 41 Resp: 1558
Ion Ratio Lower Upper
41 100
39 25.9 46.3 69.5#
67 0.0 54.7 82.1#
52 0.0 27.2 40.8#

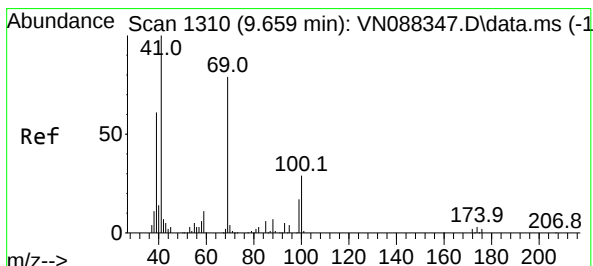
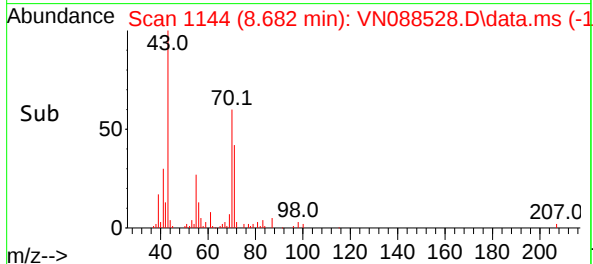
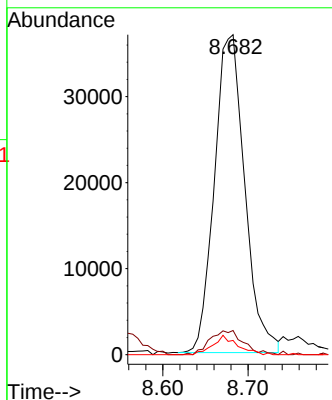
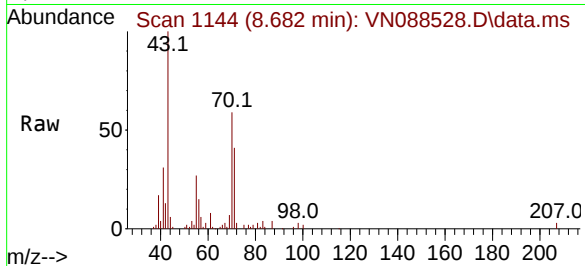




#43
Isopropyl Acetate
Concen: 6.818 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.012 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

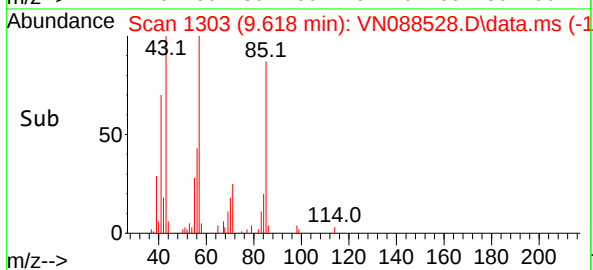
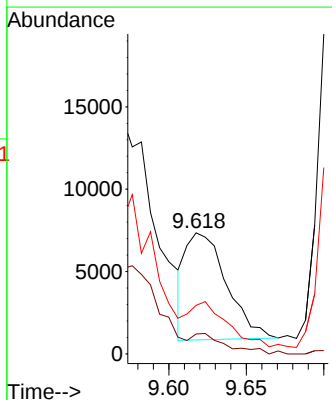
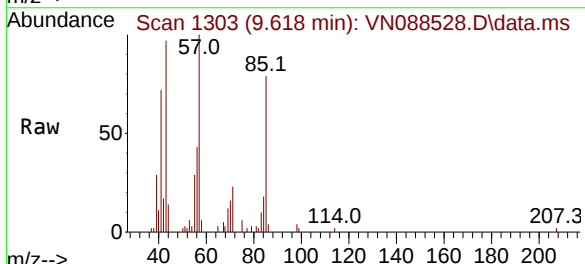
Instrument :
MSVOA_N
ClientSampleId :
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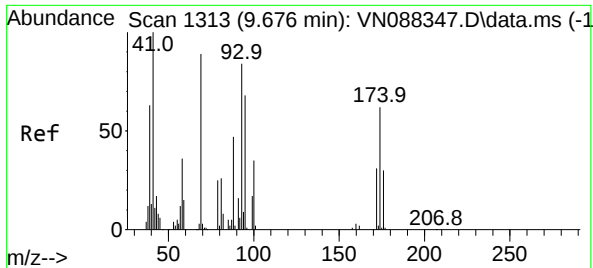
Tgt Ion: 43 Resp: 91358
Ion Ratio Lower Upper
43 100
61 8.4 18.7 28.1#
87 4.9 9.1 13.7#



#48
Methyl methacrylate
Concen: 1.955 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.041 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

Tgt Ion: 41 Resp: 11951
Ion Ratio Lower Upper
41 100
69 15.8 62.4 93.6#
39 34.6 52.6 79.0#

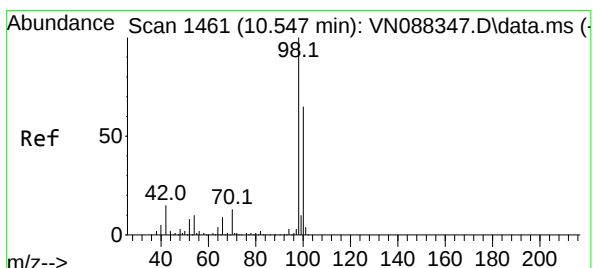
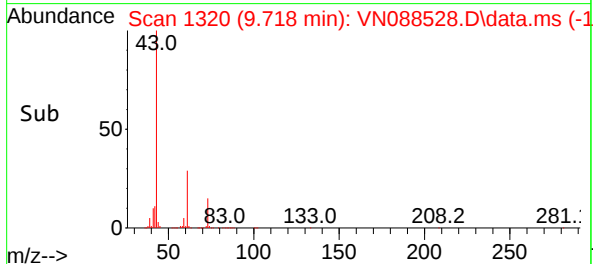
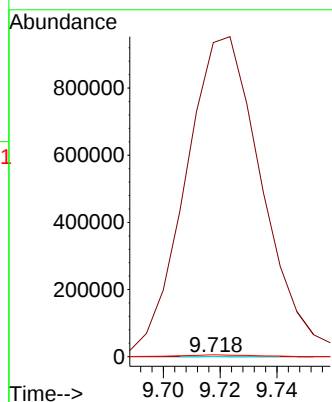
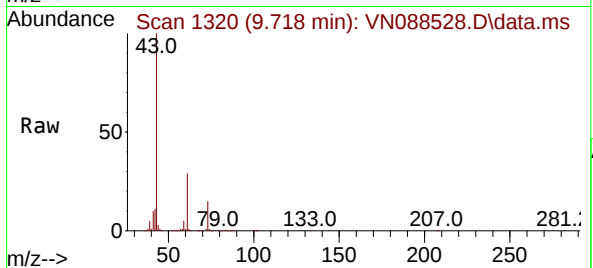




#49
1,4-Dioxane
Concen: 2.624 ug/l
RT: 9.718 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

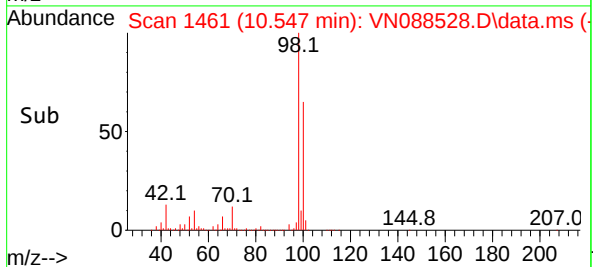
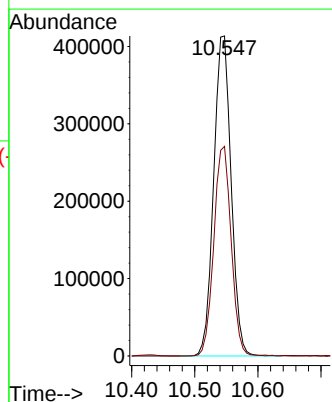
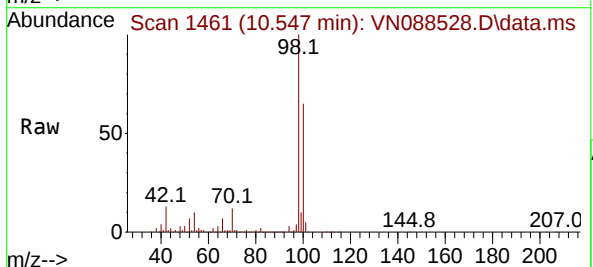
Instrument :
MSVOA_N
ClientSampleId :
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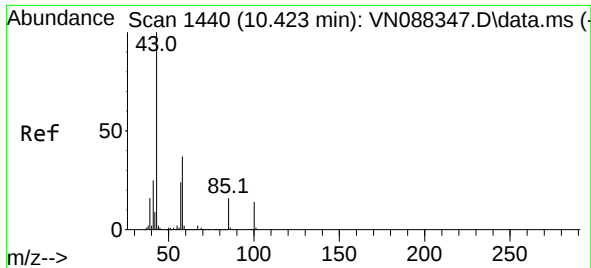
Tgt Ion: 88 Resp: 204
Ion Ratio Lower Upper
88 100
43 903693.6 0.0 0.0#
58 5185.3 62.0 93.0#



#50
Toluene-d8
Concen: 49.338 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

Tgt Ion: 98 Resp: 793343
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.2

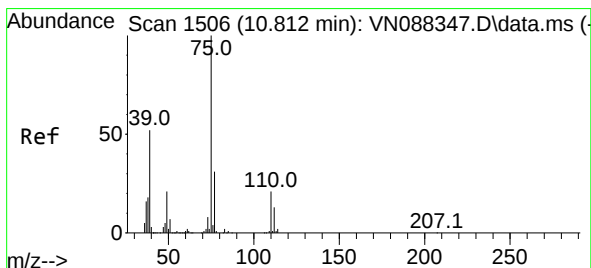
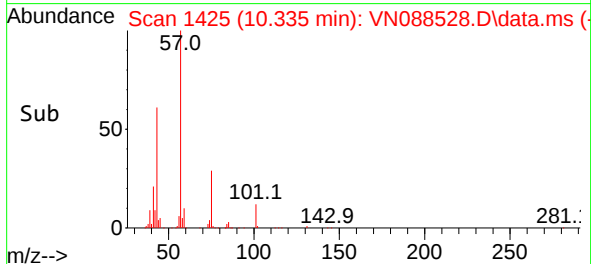
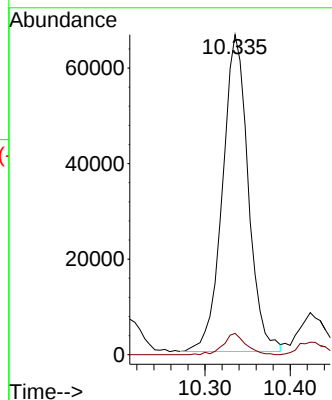
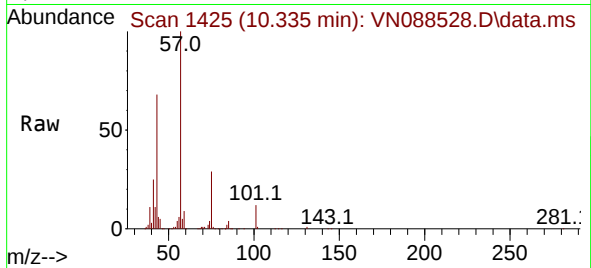




#51
4-Methyl-2-Pentanone
Concen: 17.616 ug/l
RT: 10.335 min Scan# 1440
Delta R.T. -0.088 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

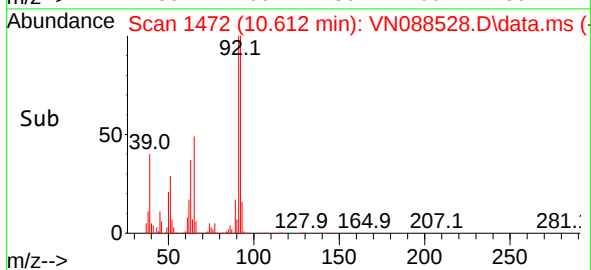
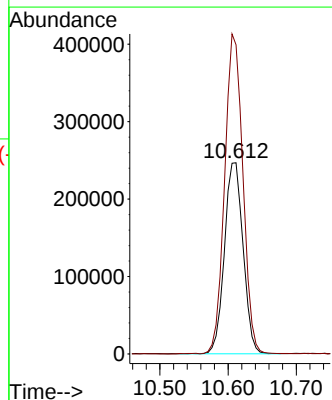
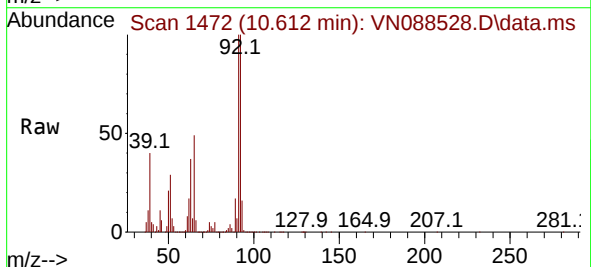
Instrument :
MSVOA_N
ClientSampleId :
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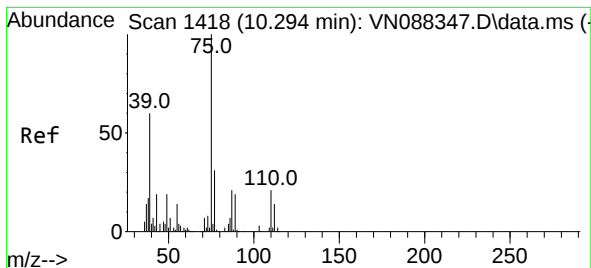
Tgt Ion: 43 Resp: 139128
Ion Ratio Lower Upper
43 100
58 5.9 29.1 43.7#



#53
t-1,3-Dichloropropene
Concen: 62.610 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.200 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

Tgt Ion: 75 Resp: 469347
Ion Ratio Lower Upper
75 100
77 161.6 24.8 37.2#

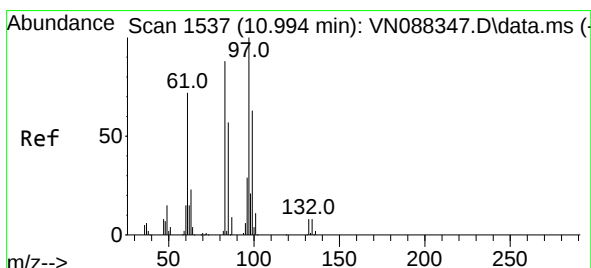
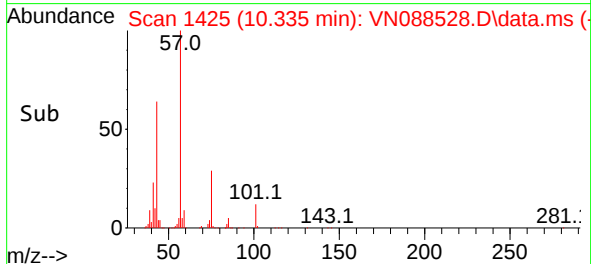
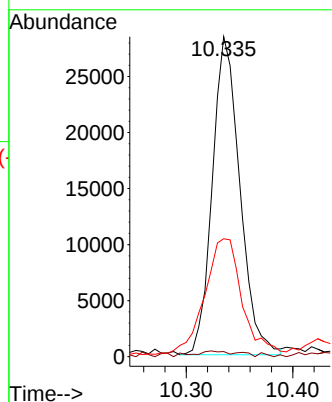
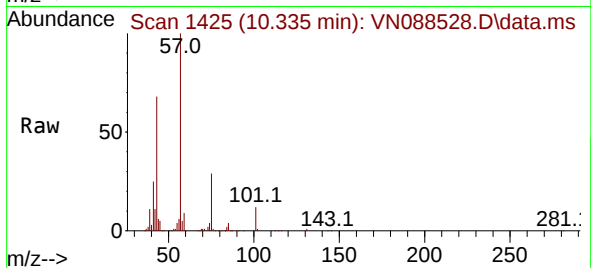




#54
 cis-1,3-Dichloropropene
 Concen: 6.460 ug/l
 RT: 10.335 min Scan# 1418
 Delta R.T. 0.041 min
 Lab File: VN088528.D
 Acq: 16 Dec 2025 15:06

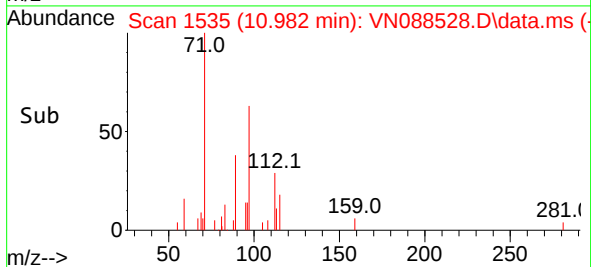
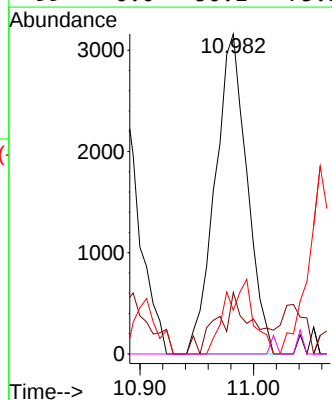
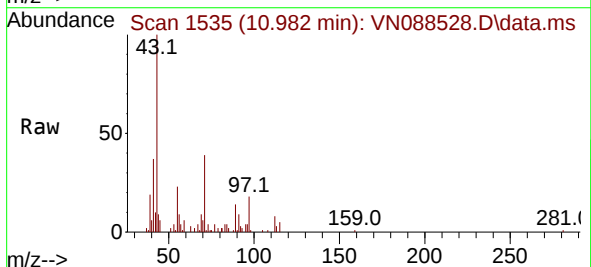
Instrument :
 MSVOA_N
 ClientSampleId :
 326

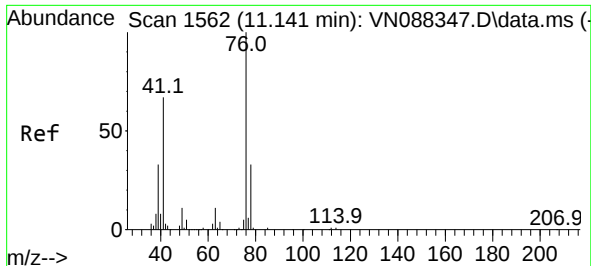
Tgt Ion: 75 Resp: 50928
 Ion Ratio Lower Upper
 75 100
 77 1.0 24.5 36.7#
 39 35.3 48.3 72.5#



#55
 1,1,2-Trichloroethane
 Concen: 1.409 ug/l
 RT: 10.982 min Scan# 1535
 Delta R.T. -0.012 min
 Lab File: VN088528.D
 Acq: 16 Dec 2025 15:06

Tgt Ion: 97 Resp: 6160
 Ion Ratio Lower Upper
 97 100
 83 19.3 70.4 105.6#
 85 13.6 45.4 68.2#
 99 0.0 50.1 75.1#





#57

1,3-Dichloropropane

Concen: 0.464 ug/l

RT: 11.188 min Scan# 1570

Delta R.T. 0.047 min

Lab File: VN088528.D

Acq: 16 Dec 2025 15:06

Instrument :

MSVOA_N

ClientSampleId :

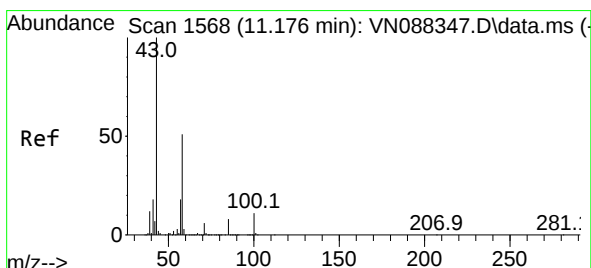
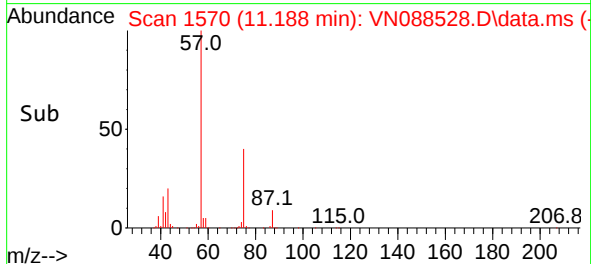
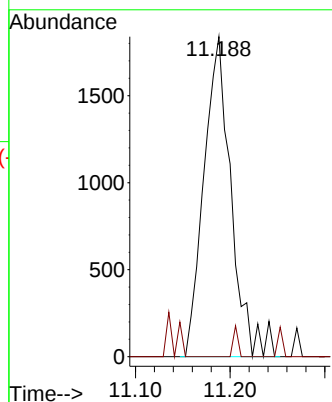
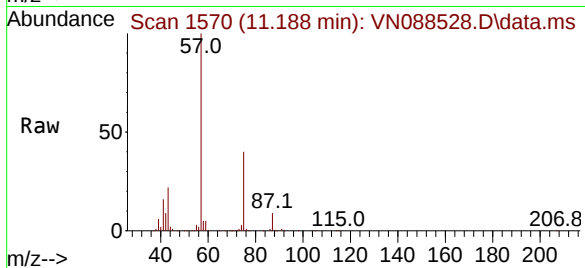
326

Tgt Ion: 76 Resp: 3664

Ion Ratio Lower Upper

76 100

78 1.7 26.2 39.4#



#59

2-Hexanone

Concen: 14.218 ug/l

RT: 11.188 min Scan# 1570

Delta R.T. 0.012 min

Lab File: VN088528.D

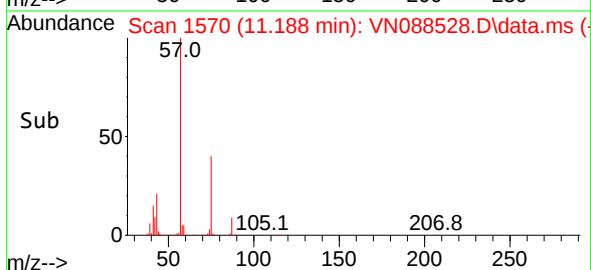
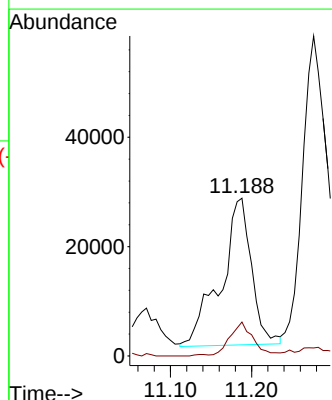
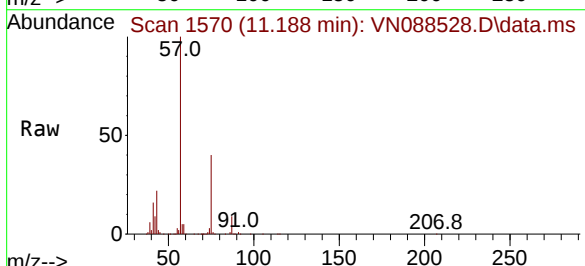
Acq: 16 Dec 2025 15:06

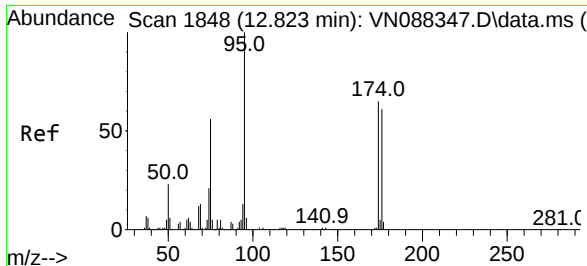
Tgt Ion: 43 Resp: 70738

Ion Ratio Lower Upper

43 100

58 18.1 25.3 75.9#

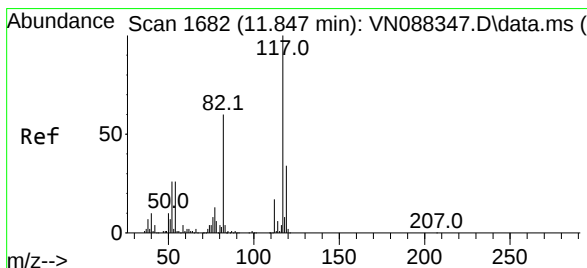
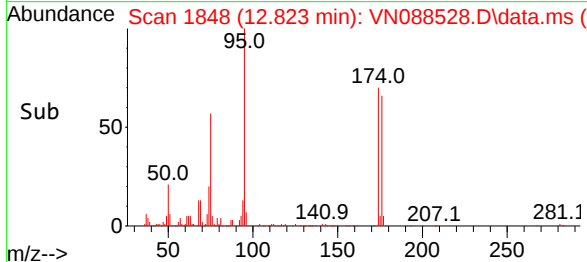
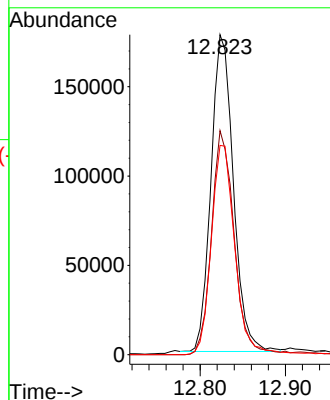
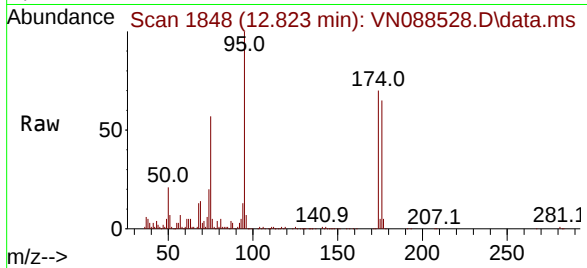




#62
4-Bromofluorobenzene
Concen: 58.662 ug/l
RT: 12.823 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

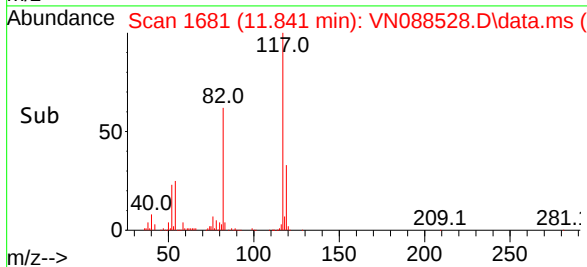
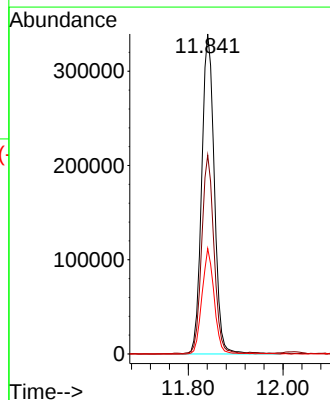
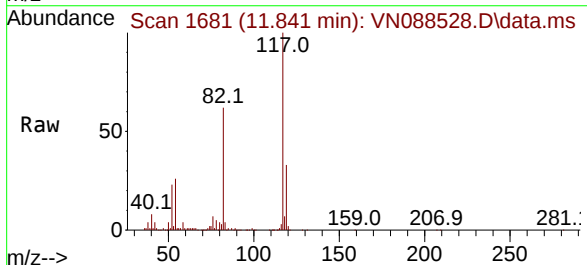
Instrument :
MSVOA_N
ClientSampleId :
326

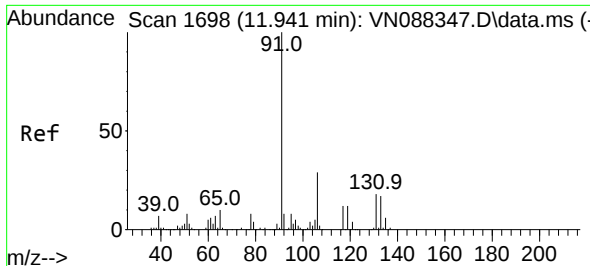
Tgt Ion: 95 Resp: 323652
Ion Ratio Lower Upper
95 100
174 71.2 0.0 139.0
176 69.8 0.0 132.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

Tgt Ion: 117 Resp: 628228
Ion Ratio Lower Upper
117 100
82 61.9 47.8 71.8
119 33.0 26.9 40.3

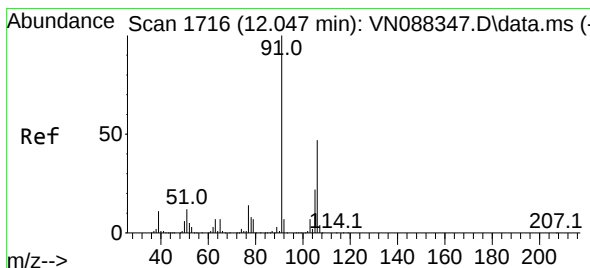
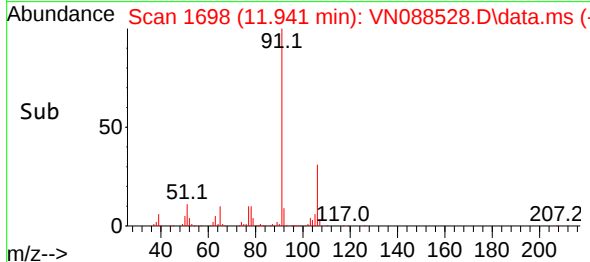
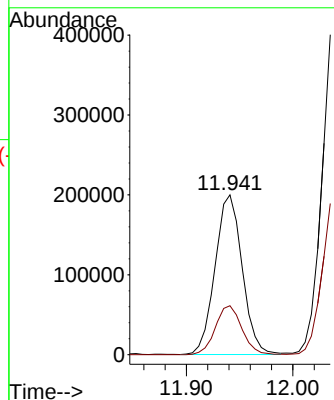
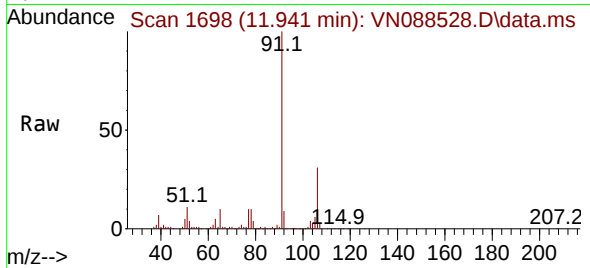




#67
Ethyl Benzene
Concen: 14.317 ug/l
RT: 11.941 min Scan# 1198
Delta R.T. -0.000 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

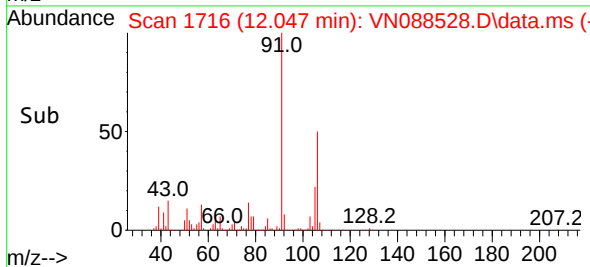
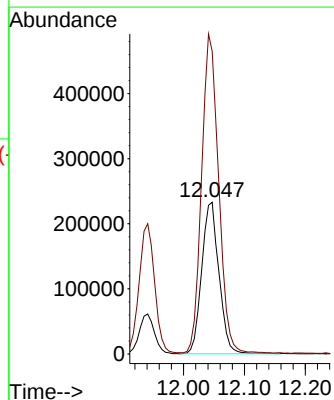
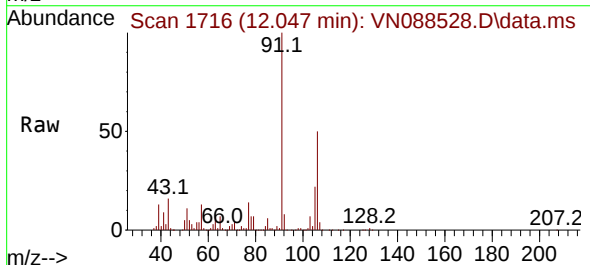
Instrument :
MSVOA_N
ClientSampleId :
326

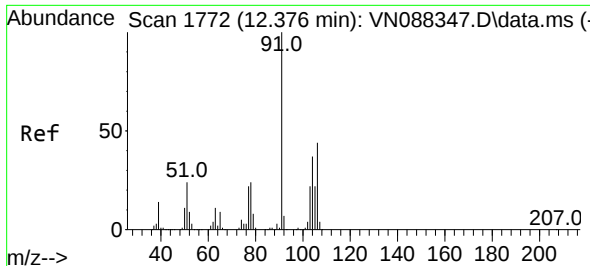
Tgt Ion: 91 Resp: 353100
Ion Ratio Lower Upper
91 100
106 30.7 23.6 35.4



#68
m/p-Xylenes
Concen: 49.914 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

Tgt Ion:106 Resp: 456438
Ion Ratio Lower Upper
106 100
91 209.2 167.8 251.6

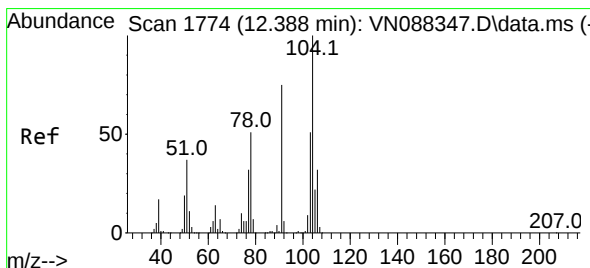
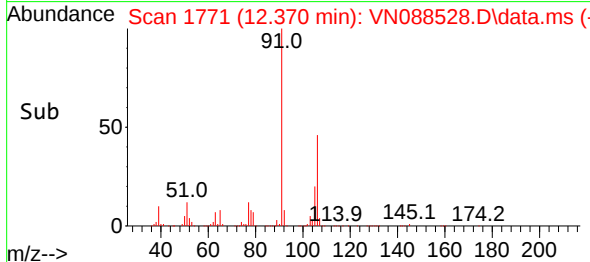
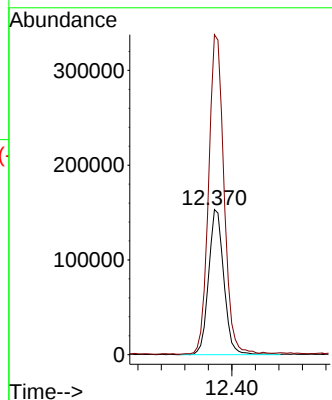
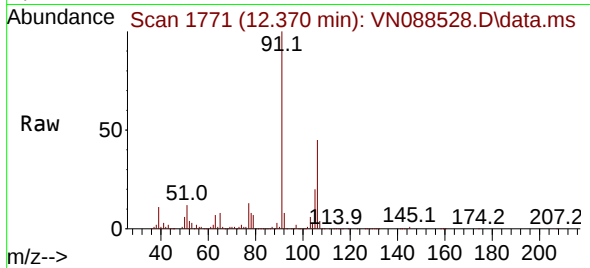




#69
o-Xylene
Concen: 31.591 ug/l
RT: 12.370 min Scan# 1771
Delta R.T. -0.006 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

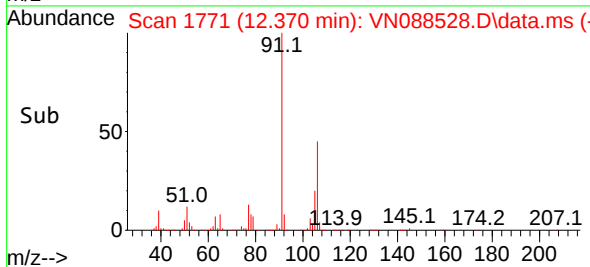
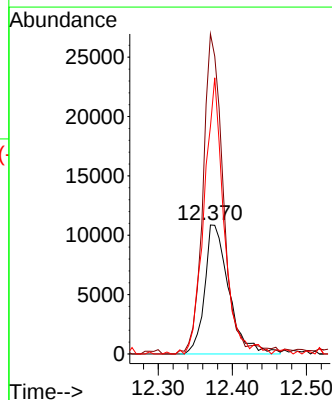
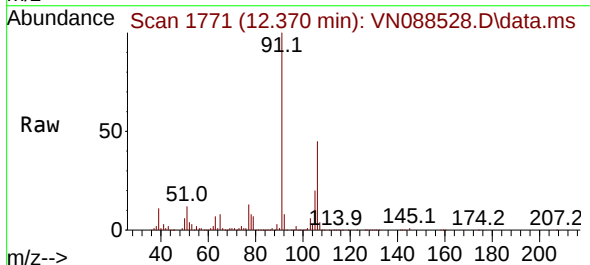
Instrument :
MSVOA_N
ClientSampleId :
326

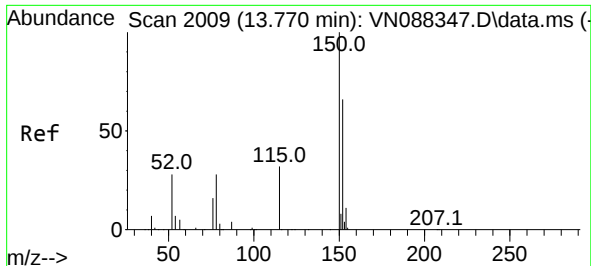
Tgt Ion:106 Resp: 275410
Ion Ratio Lower Upper
106 100
91 222.4 112.9 338.7



#70
Styrene
Concen: 1.749 ug/l
RT: 12.370 min Scan# 1771
Delta R.T. -0.018 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

Tgt Ion:104 Resp: 24753
Ion Ratio Lower Upper
104 100
78 208.2 44.3 66.5#
103 175.9 44.2 66.4#

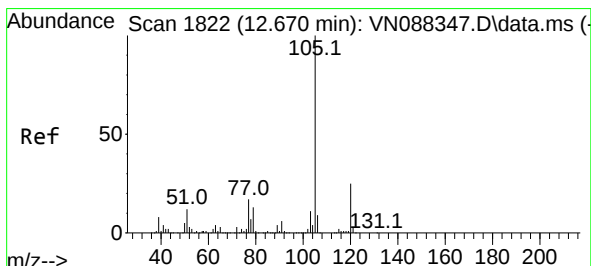
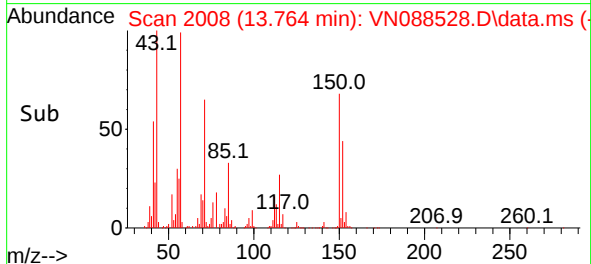
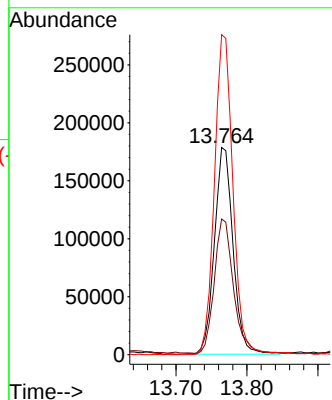
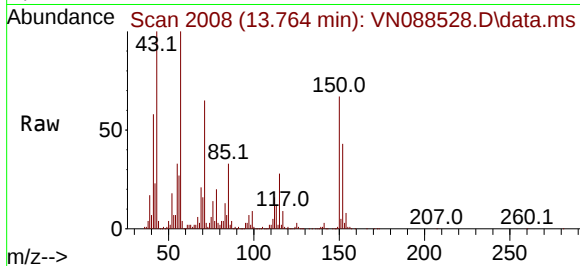




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.764 min Scan# 2009
 Delta R.T. -0.006 min
 Lab File: VN088528.D
 Acq: 16 Dec 2025 15:06

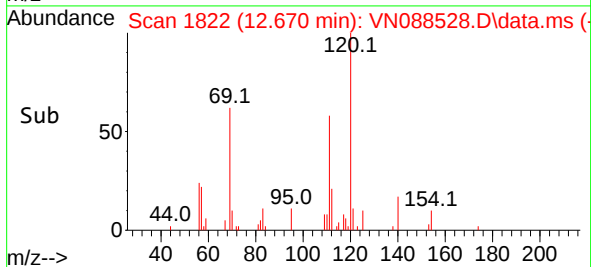
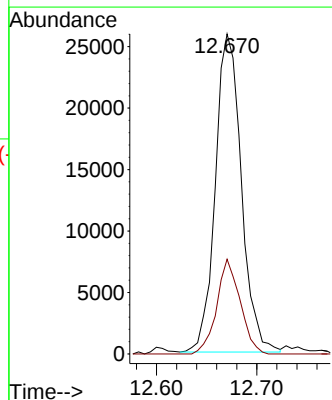
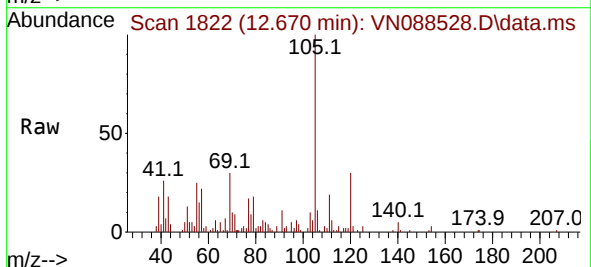
Instrument :
 MSVOA_N
 ClientSampleId :
 326

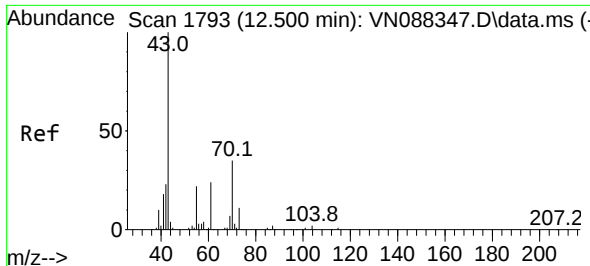
Tgt Ion:152 Resp: 325084
 Ion Ratio Lower Upper
 152 100
 115 67.8 33.0 98.9
 150 153.6 0.0 349.0



#73
 Isopropylbenzene
 Concen: 1.939 ug/l
 RT: 12.670 min Scan# 1822
 Delta R.T. -0.000 min
 Lab File: VN088528.D
 Acq: 16 Dec 2025 15:06

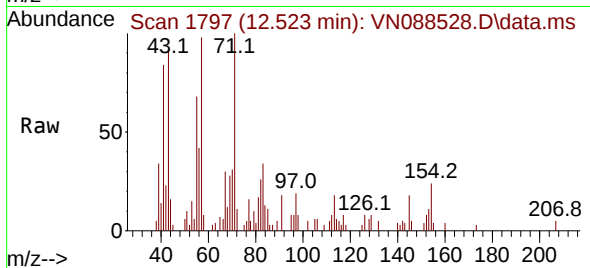
Tgt Ion:105 Resp: 46616
 Ion Ratio Lower Upper
 105 100
 120 26.8 12.8 38.3





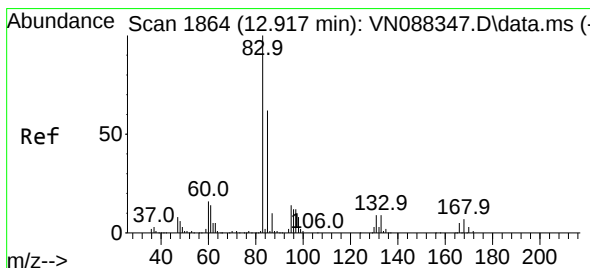
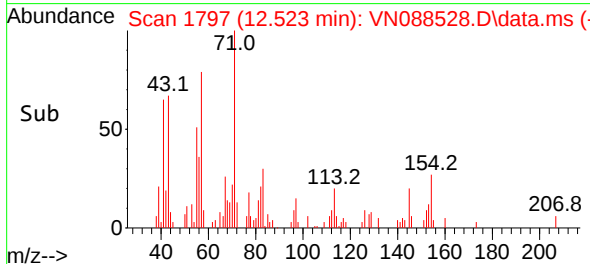
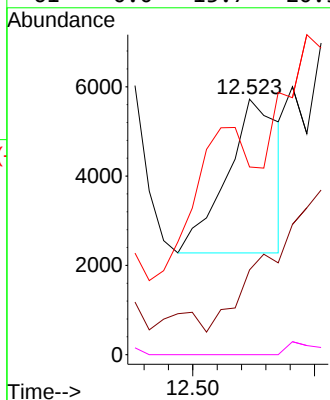
#74
N-amy1 acetate
Concen: 0.618 ug/l
RT: 12.523 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

Instrument :
MSVOA_N
ClientSampleId :
326



Tgt Ion: 43 Resp: 5059

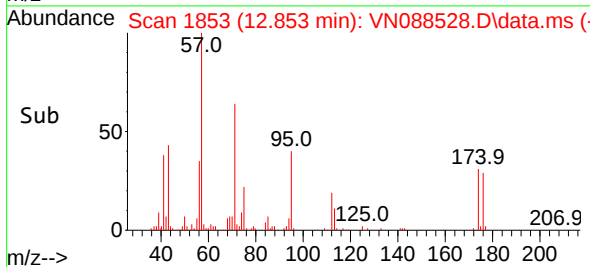
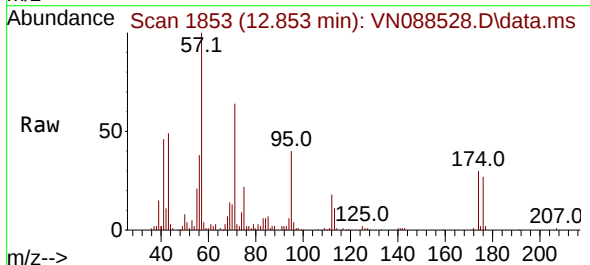
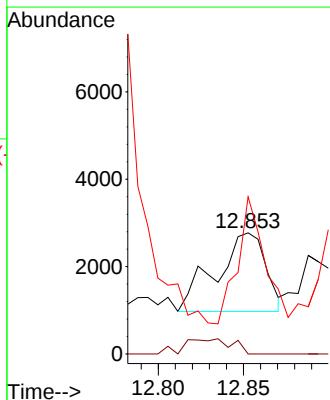
Ion	Ratio	Lower	Upper
43	100		
70	0.0	28.3	42.5#
55	122.5	17.7	26.5#
61	0.0	13.7	20.5#

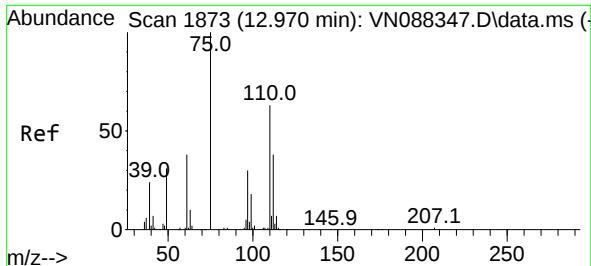


#75
1,1,2,2-Tetrachloroethane
Concen: 0.468 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.065 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

Tgt Ion: 83 Resp: 3637

Ion	Ratio	Lower	Upper
83	100		
131	18.7	4.8	14.4#
85	0.0	32.1	96.5#

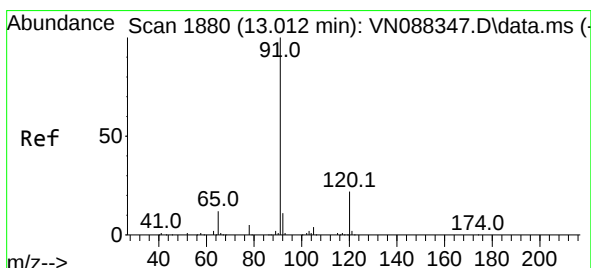
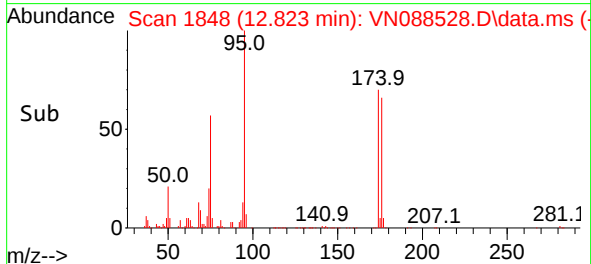
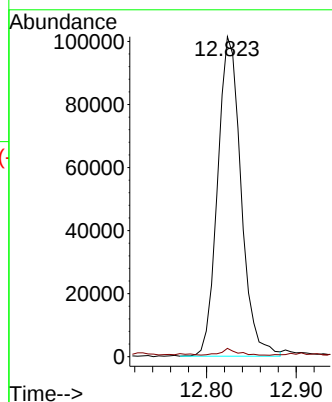
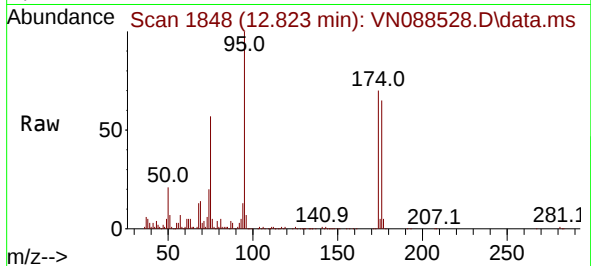




#76
1,2,3-Trichloropropane
Concen: 24.187 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. -0.147 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

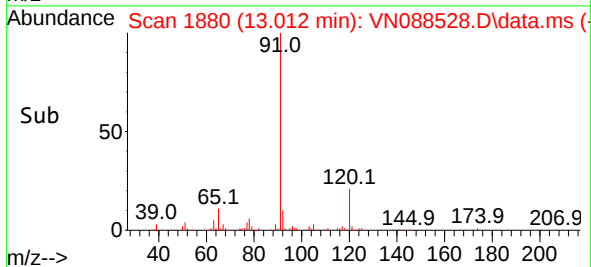
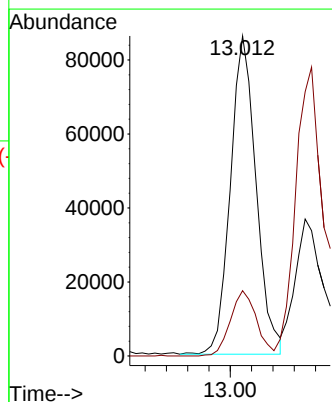
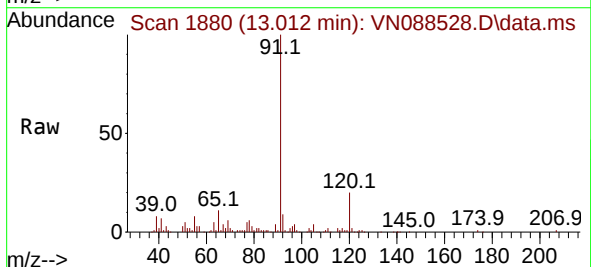
Instrument :
MSVOA_N
ClientSampleId :
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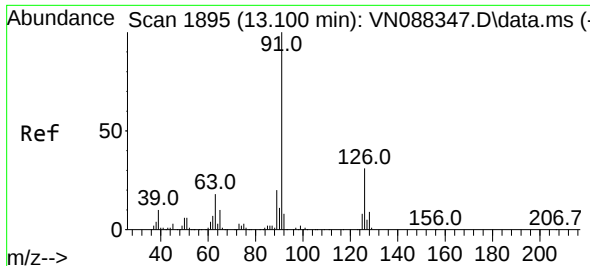
Tgt Ion: 75 Resp: 184162
Ion Ratio Lower Upper
75 100
77 1.5 87.2 261.6#



#78
n-propylbenzene
Concen: 4.903 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

Tgt Ion: 91 Resp: 144173
Ion Ratio Lower Upper
91 100
120 20.9 10.9 32.6

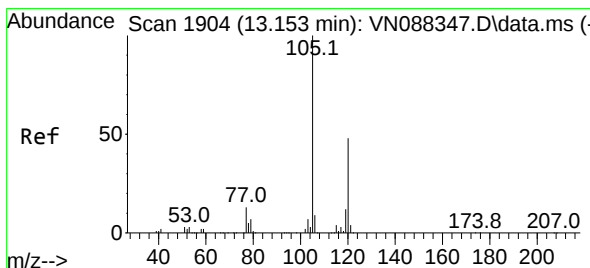
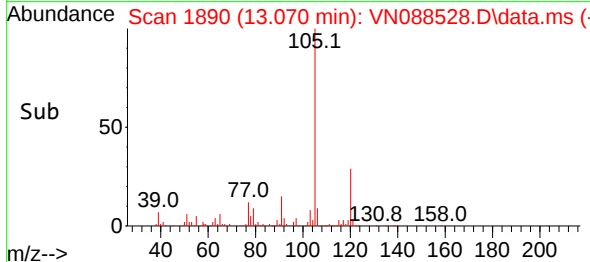
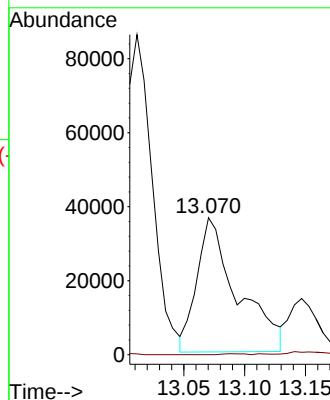
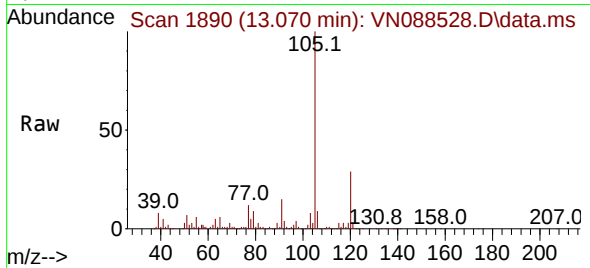




#79
2-Chlorotoluene
Concen: 4.697 ug/l
RT: 13.070 min Scan# 11
Delta R.T. -0.029 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

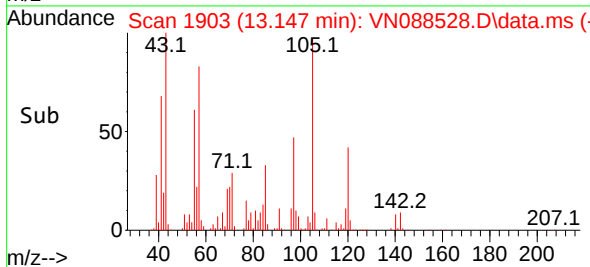
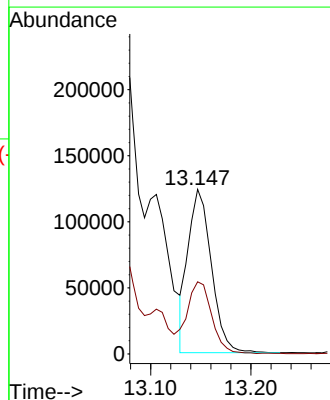
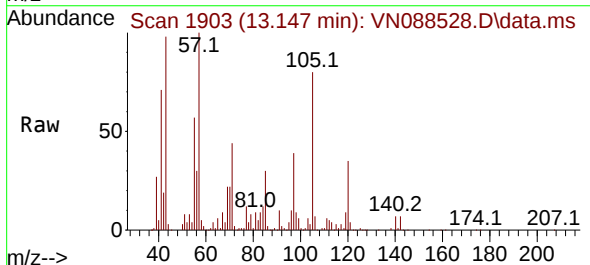
Instrument :
MSVOA_N
ClientSampleId :
326

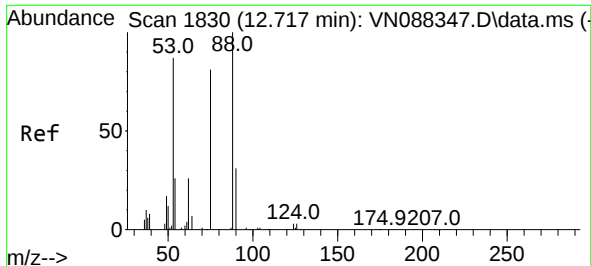
Tgt Ion: 91 Resp: 84337
Ion Ratio Lower Upper
91 100
126 0.4 15.3 45.9#



#80
1,3,5-Trimethylbenzene
Concen: 10.006 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

Tgt Ion: 105 Resp: 199290
Ion Ratio Lower Upper
105 100
120 47.5 23.8 71.5

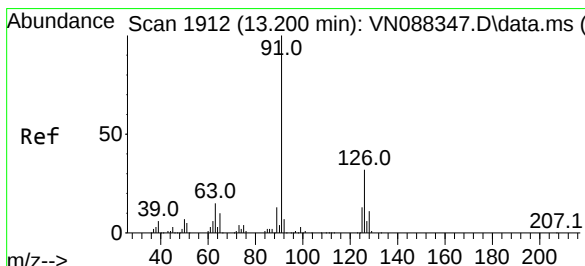
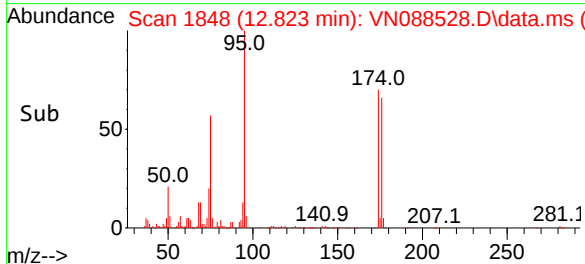
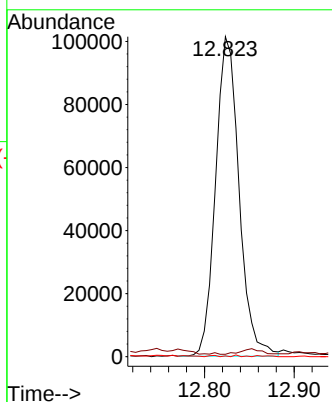
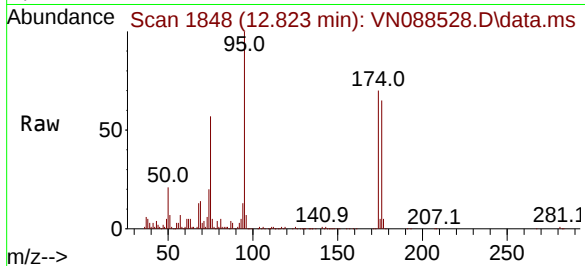




#81
trans-1,4-Dichloro-2-butene
Concen: 68.618 ug/l
RT: 12.823 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

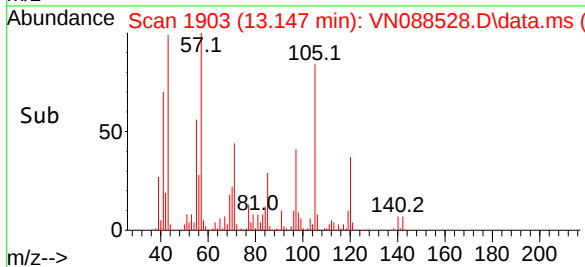
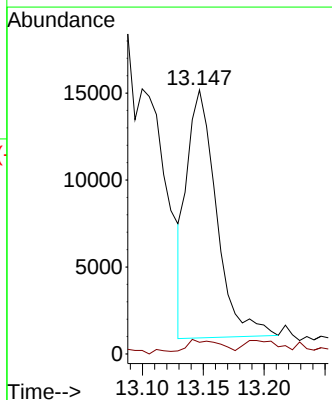
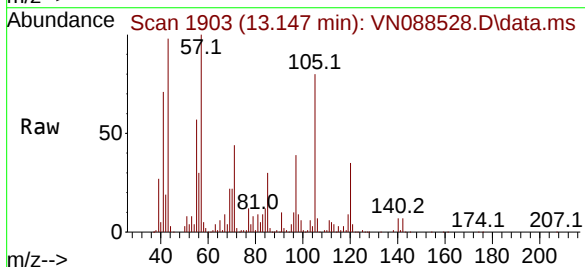
Instrument :
MSVOA_N
ClientSampleId :
326

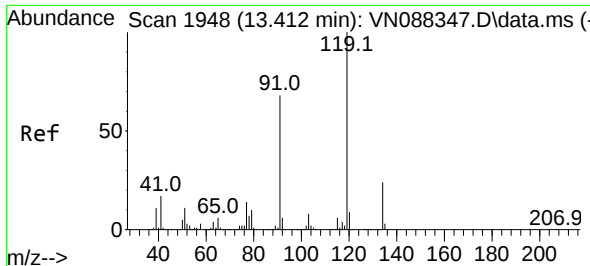
Tgt Ion: 75 Resp: 184162
Ion Ratio Lower Upper
75 100
53 0.0 92.2 138.4#
89 0.2 0.0 0.0#



#82
4-Chlorotoluene
Concen: 1.351 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.053 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

Tgt Ion: 91 Resp: 24088
Ion Ratio Lower Upper
91 100
126 5.9 15.6 46.7#

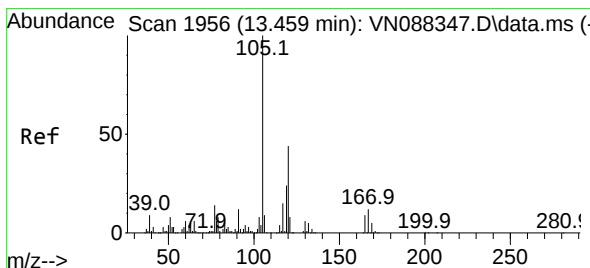
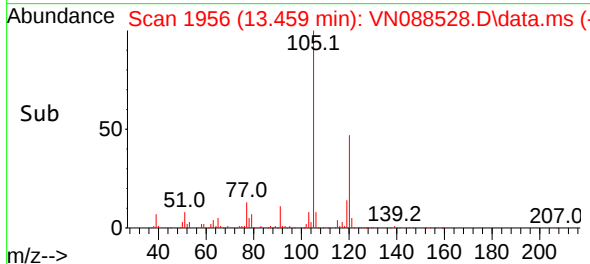
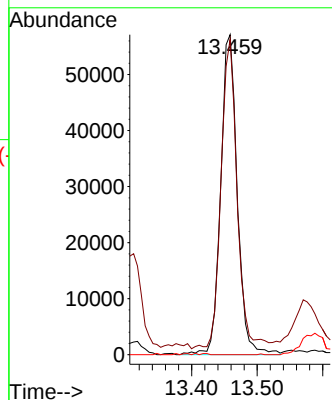
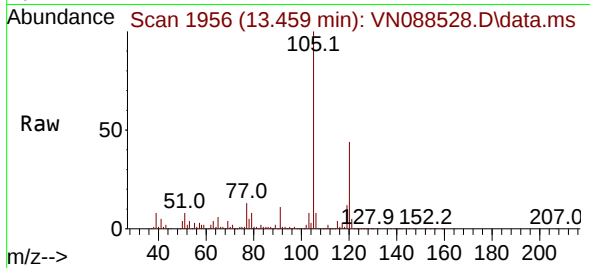




#83
tert-Butylbenzene
Concen: 5.912 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.047 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

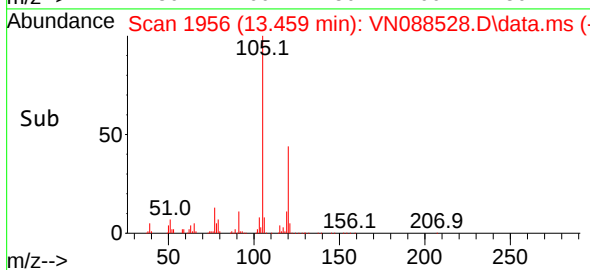
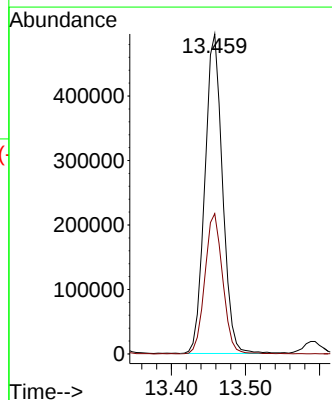
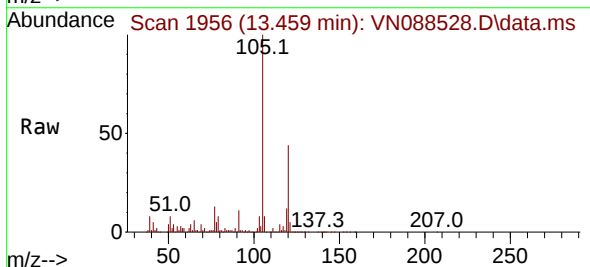
Instrument :
MSVOA_N
ClientSampleId :
326

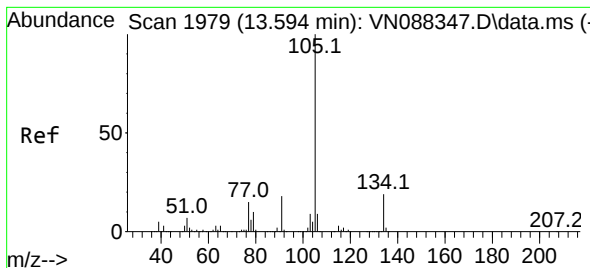
Tgt Ion:119 Resp: 100094
Ion Ratio Lower Upper
119 100
91 91.1 35.1 105.3
134 0.0 12.8 38.4#



#84
1,2,4-Trimethylbenzene
Concen: 41.466 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

Tgt Ion:105 Resp: 820906
Ion Ratio Lower Upper
105 100
120 44.3 22.1 66.1





#85

sec-Butylbenzene

Concen: 1.260 ug/l

RT: 13.588 min Scan# 1978

Delta R.T. -0.006 min

Lab File: VN088528.D

Acq: 16 Dec 2025 15:06

Instrument :

MSVOA_N

ClientSampleId :

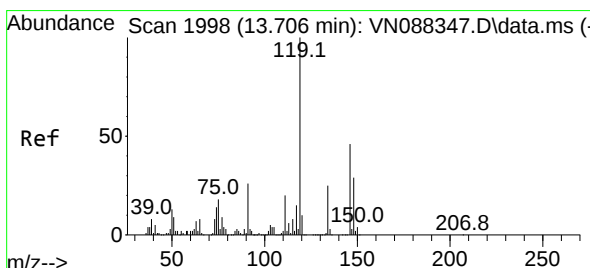
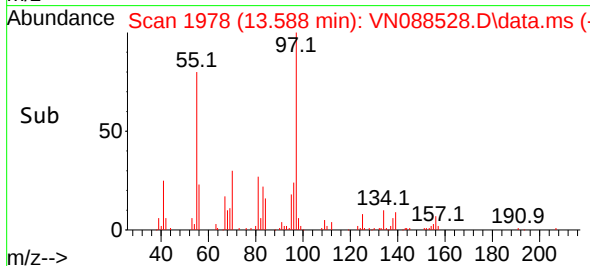
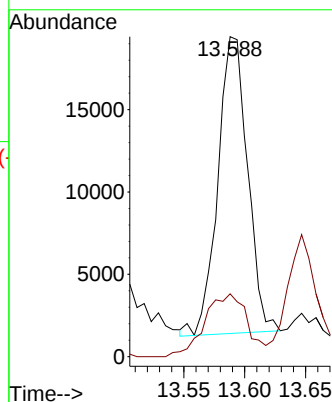
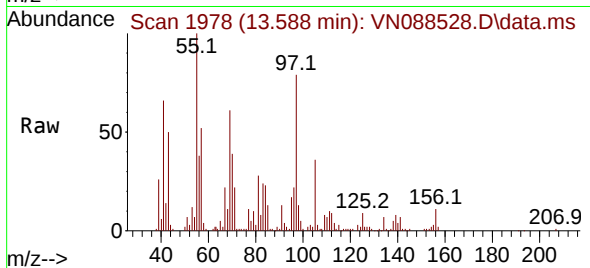
326

Tgt Ion:105 Resp: 30645

Ion Ratio Lower Upper

105 100

134 30.3 9.5 28.5#



#86

p-Isopropyltoluene

Concen: 1.163 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VN088528.D

Acq: 16 Dec 2025 15:06

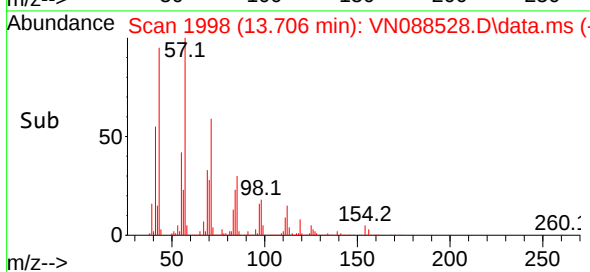
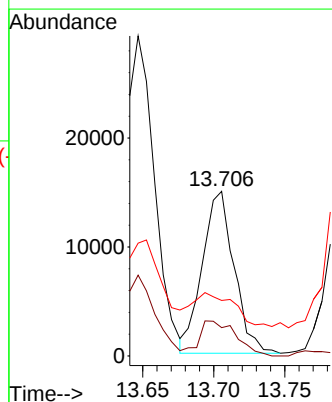
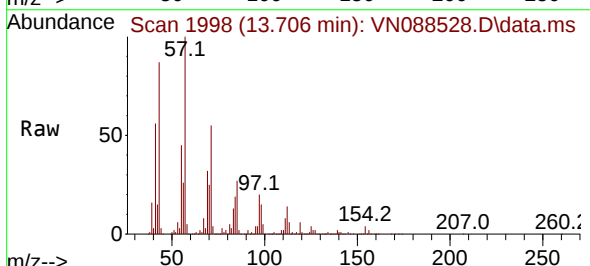
Tgt Ion:119 Resp: 23194

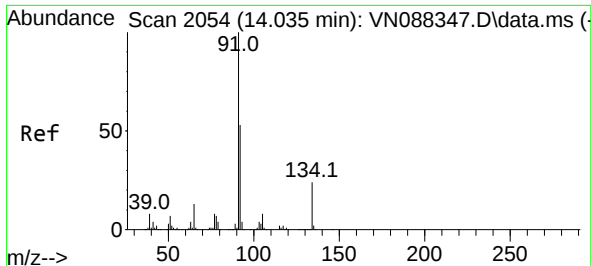
Ion Ratio Lower Upper

119 100

134 25.2 12.2 36.6

91 27.1 13.0 39.0

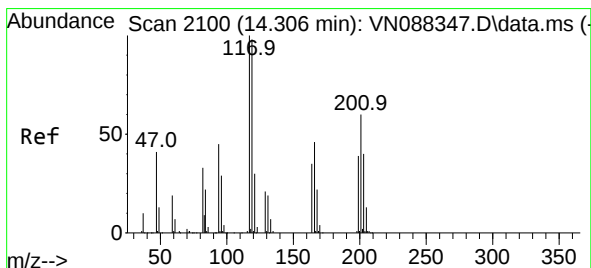
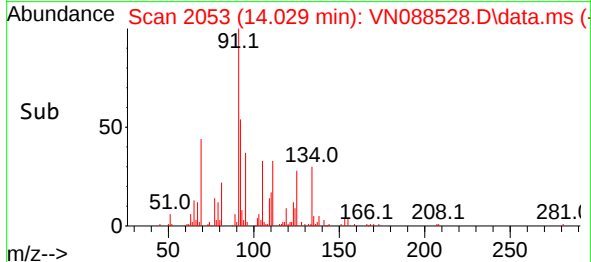
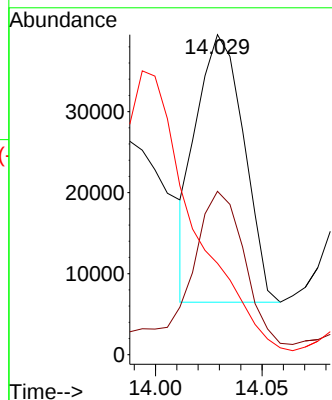
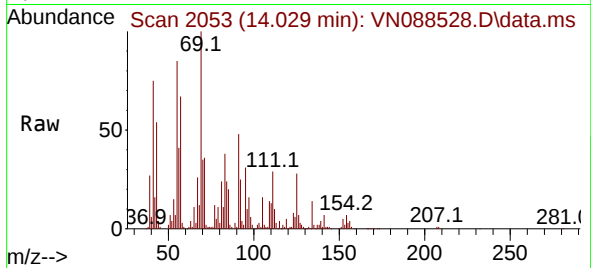




#89
n-Butylbenzene
Concen: 2.636 ug/l
RT: 14.029 min Scan# 2053
Delta R.T. -0.006 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

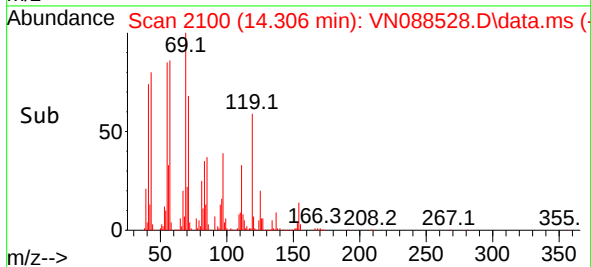
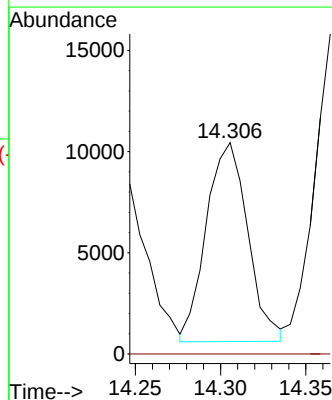
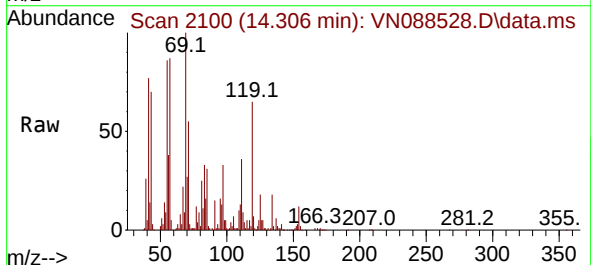
Instrument :
MSVOA_N
ClientSampleId :
326

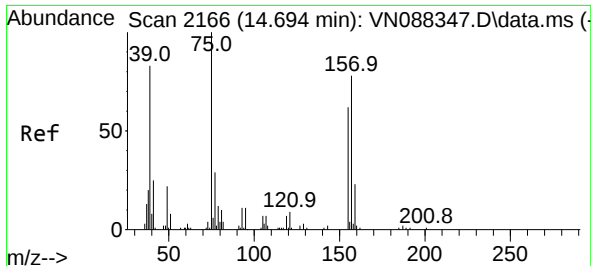
Tgt Ion: 91 Resp: 51055
Ion Ratio Lower Upper
91 100
92 61.2 26.1 78.3
134 0.0 11.7 35.1#



#90
Hexachloroethane
Concen: 4.561 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.000 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

Tgt Ion: 117 Resp: 16617
Ion Ratio Lower Upper
117 100
201 0.0 30.3 90.9#

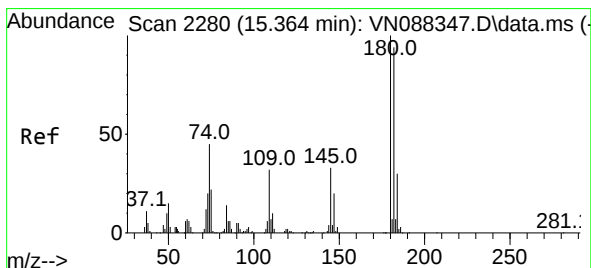
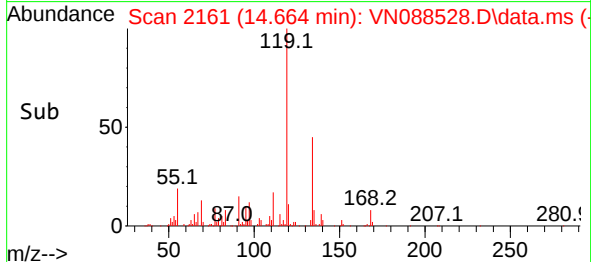
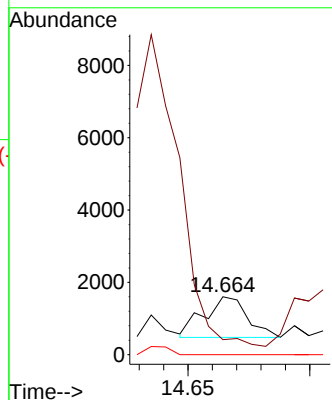
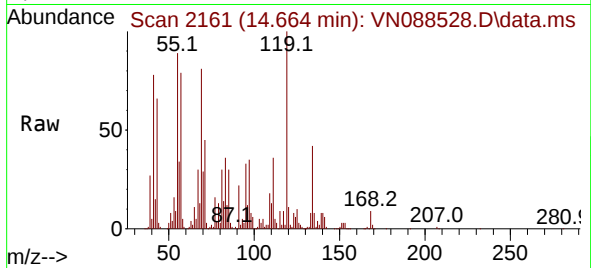




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.738 ug/l
RT: 14.664 min Scan# 2166
Delta R.T. -0.029 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

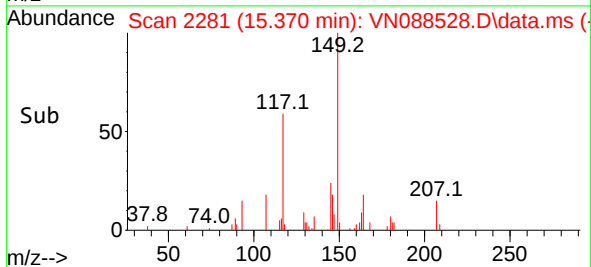
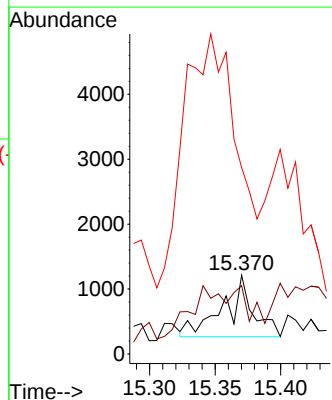
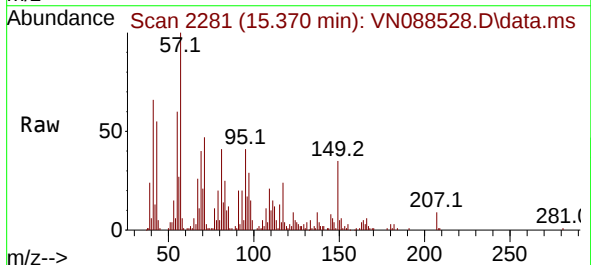
Instrument :
MSVOA_N
ClientSampleId :
326

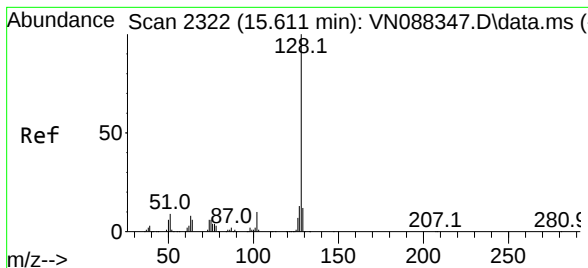
Tgt Ion: 75 Resp: 1391
Ion Ratio Lower Upper
75 100
155 0.0 33.7 101.1#
157 0.0 43.8 131.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.247 ug/l
RT: 15.370 min Scan# 2281
Delta R.T. 0.006 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

Tgt Ion: 180 Resp: 1480
Ion Ratio Lower Upper
180 100
182 0.0 46.1 138.2#
145 0.0 16.7 50.1#





#95

Naphthalene

Concen: 10.185 ug/l

RT: 15.611 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VN088528.D

Acq: 16 Dec 2025 15:06

Instrument :

MSVOA_N

ClientSampleId :

326

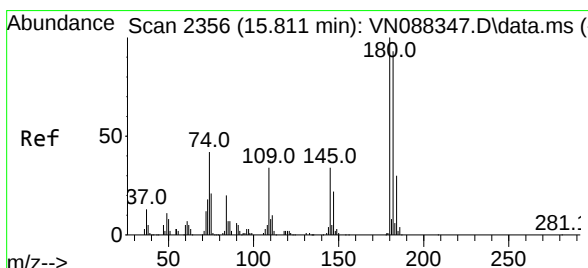
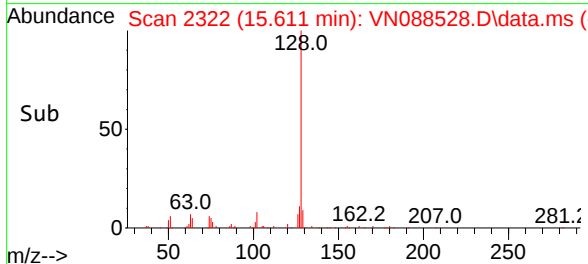
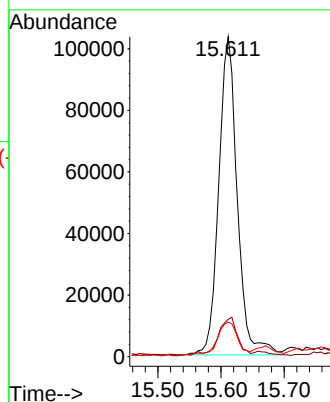
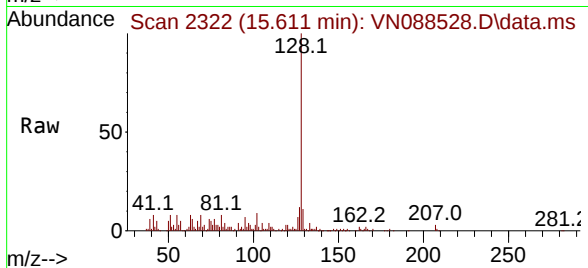
Tgt Ion:128 Resp: 211271

Ion Ratio Lower Upper

128 100

127 11.8 10.4 15.6

129 11.2 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 0.252 ug/l

RT: 15.829 min Scan# 2359

Delta R.T. 0.018 min

Lab File: VN088528.D

Acq: 16 Dec 2025 15:06

Tgt Ion:180 Resp: 1469

Ion Ratio Lower Upper

180 100

182 11.6 45.9 137.7#

145 0.0 17.8 53.4#

