

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
 Data File : VN088018.D
 Acq On : 03 Oct 2025 13:01
 Operator : JC\MD
 Sample : Q3272-03
 Misc : 5.32g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 R7

Quant Time: Oct 04 02:54:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	178155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	387786	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	368559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	163621	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	165546	55.215	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.420%	
35) Dibromofluoromethane	8.147	113	139430	49.522	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.040%	
50) Toluene-d8	10.541	98	487016	49.188	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.380%	
62) 4-Bromofluorobenzene	12.829	95	158518	44.790	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 89.580%	

Target Compounds				Qvalue		
3) Chloromethane	2.377	50	582	0.275	ug/l	90
5) Bromomethane	2.965	94	606	0.454	ug/l #	22
10) Methyl Iodide	4.577	142	3360	2.013	ug/l #	89
11) Tert butyl alcohol	5.483	59	11367	26.322	ug/l #	71
13) Acrolein	4.159	56	281	0.507	ug/l #	68
15) Acrylonitrile	5.718	53	533	0.393	ug/l #	75
16) Acetone	4.418	43	1298	1.052	ug/l #	45
17) Carbon Disulfide	4.677	76	1229	0.210	ug/l #	76
18) Methyl Acetate	5.006	43	707	0.229	ug/l #	74
20) Methylene Chloride	5.247	84	1830	0.733	ug/l #	69
25) 2-Butanone	7.471	43	576	0.305	ug/l #	48
29) Tetrahydrofuran	7.841	42	696	0.576	ug/l #	53
36) 1,1-Dichloropropene	8.206	75	15308	4.522	ug/l #	47
38) Carbon Tetrachloride	8.200	117	19778	5.091	ug/l #	14
39) Methylcyclohexane	9.582	83	2245	0.601	ug/l #	76
40) Benzene	8.588	78	12750	1.137	ug/l	99
49) 1,4-Dioxane	9.706	88	78	1.629	ug/l #	19
55) 1,1,2-Trichloroethane	10.994	97	1157	0.405	ug/l #	44
56) Ethyl methacrylate	10.835	69	855	0.207	ug/l #	37
59) 2-Hexanone	11.024	43	719	0.249	ug/l	63
67) Ethyl Benzene	11.941	91	3112	0.238	ug/l #	43
68) m/p-Xylenes	12.047	106	1148	0.229	ug/l	100
73) Isopropylbenzene	12.676	105	4512	0.445	ug/l	86
74) N-amyl acetate	12.465	43	3282	0.982	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.912	83	1433	0.392	ug/l #	53
76) 1,2,3-Trichloropropane	12.829	75	85626	26.548	ug/l #	1
78) n-propylbenzene	13.023	91	3245	0.256	ug/l #	70
80) 1,3,5-Trimethylbenzene	13.159	105	2333	0.266	ug/l	87
81) trans-1,4-Dichloro-2-b...	12.829	75	85626	73.720	ug/l #	9
83) tert-Butylbenzene	13.406	119	1913	0.258	ug/l #	62
84) 1,2,4-Trimethylbenzene	13.465	105	4390	0.488	ug/l	89
85) sec-Butylbenzene	13.588	105	3992	0.367	ug/l	80
86) p-Isopropyltoluene	13.706	119	2192	0.238	ug/l	92
88) 1,4-Dichlorobenzene	13.794	146	1549	0.286	ug/l #	61
89) n-Butylbenzene	14.029	91	2576	0.296	ug/l	84
90) Hexachloroethane	14.306	117	612	0.318	ug/l #	29

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Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

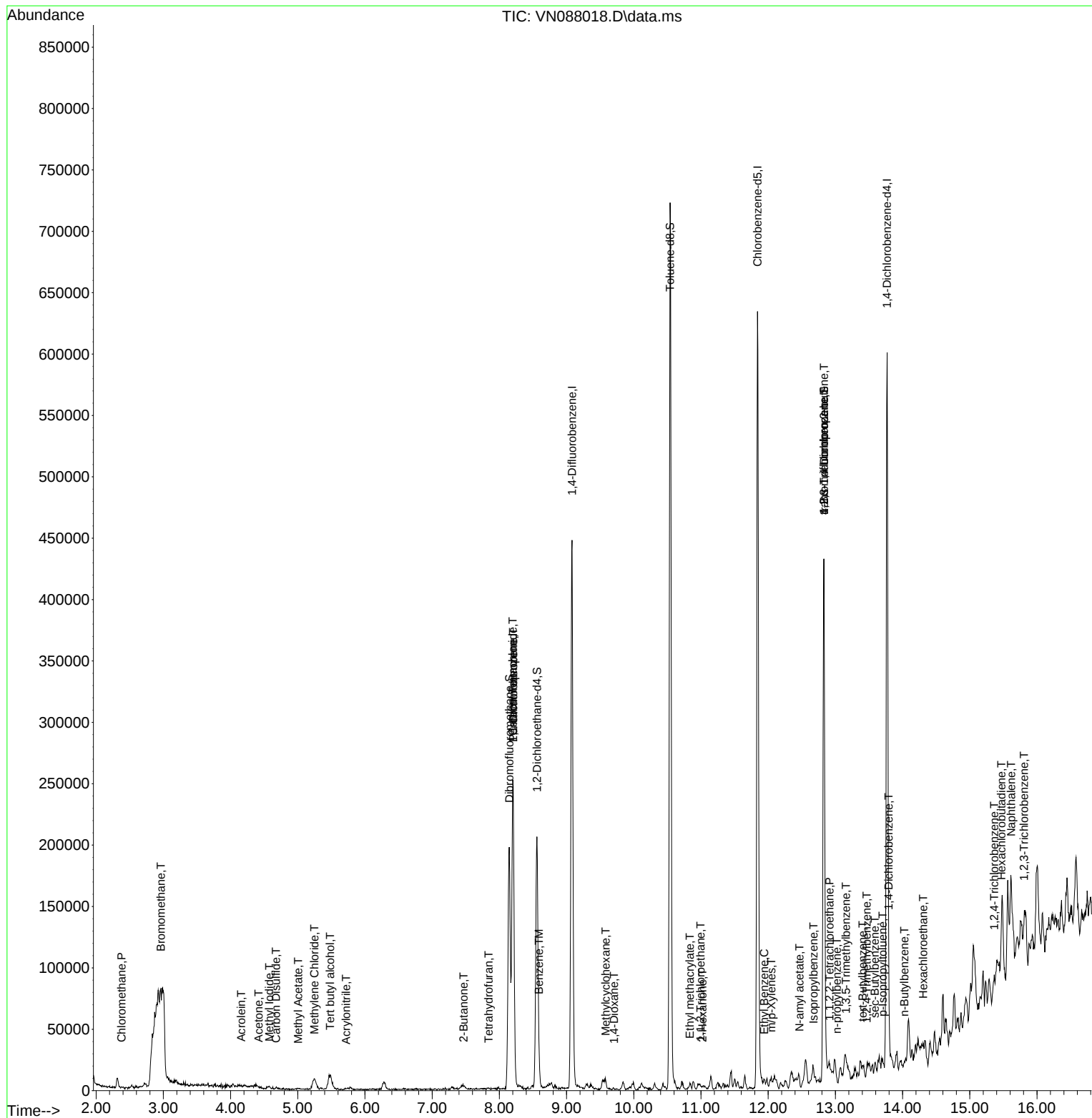
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.364	180	1637	0.546	ug/l #	1
94) Hexachlorobutadiene	15.470	225	1348	1.222	ug/l #	67
95) Naphthalene	15.617	128	87844	9.132	ug/l	96
96) 1,2,3-Trichlorobenzene	15.806	180	998	0.343	ug/l #	1

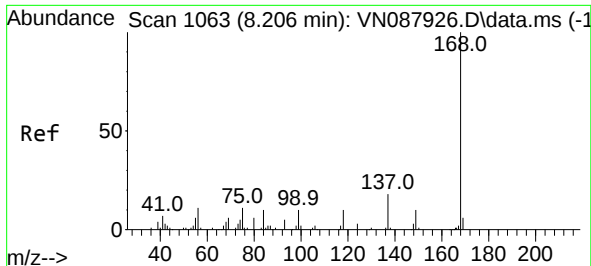
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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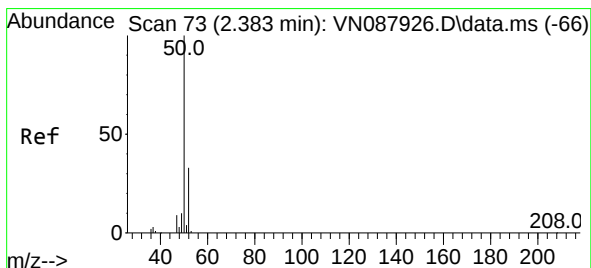
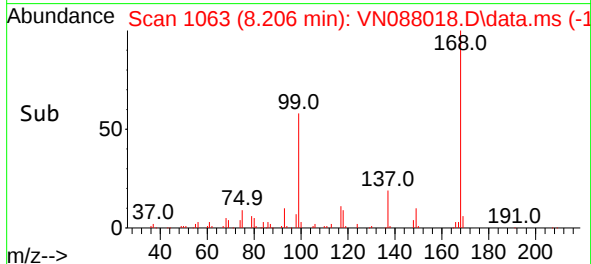
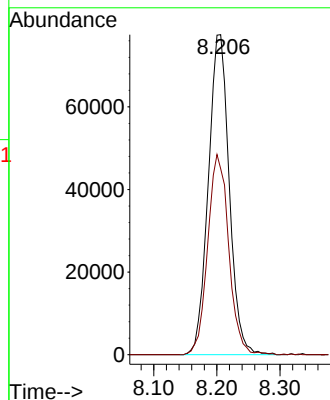
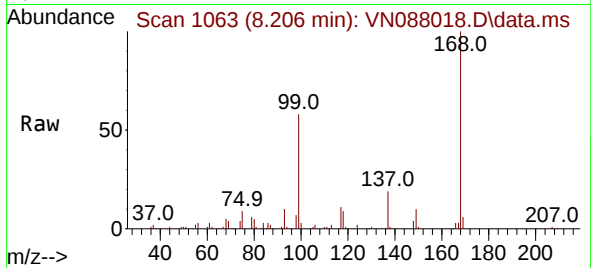




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088018.D
Acq: 03 Oct 2025 13:01

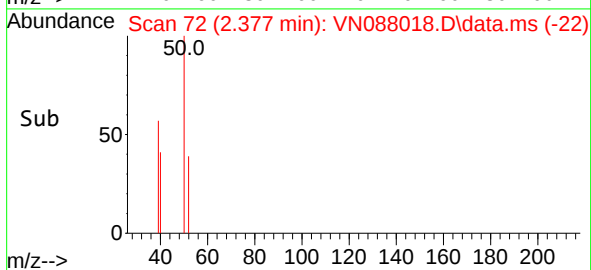
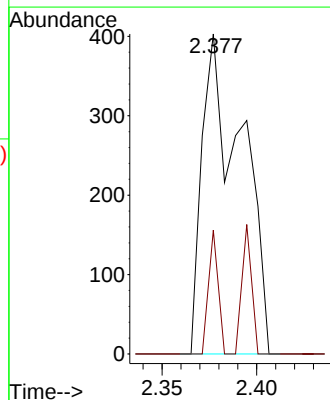
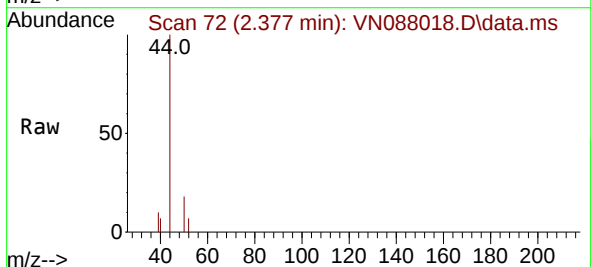
Instrument :
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ClientSampleId :
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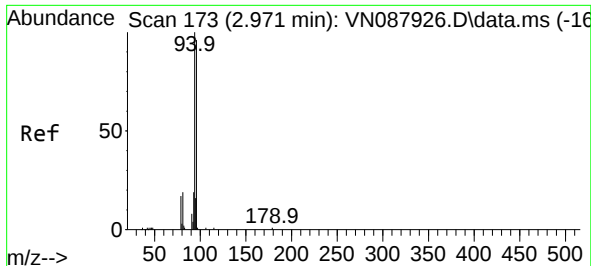
Tgt Ion:168 Resp: 178155
Ion Ratio Lower Upper
168 100
99 58.1 52.2 78.2



#3
Chloromethane
Concen: 0.275 ug/l
RT: 2.377 min Scan# 72
Delta R.T. -0.006 min
Lab File: VN088018.D
Acq: 03 Oct 2025 13:01

Tgt Ion: 50 Resp: 582
Ion Ratio Lower Upper
50 100
52 38.7 26.6 40.0

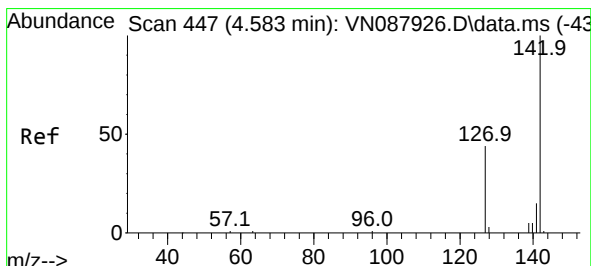
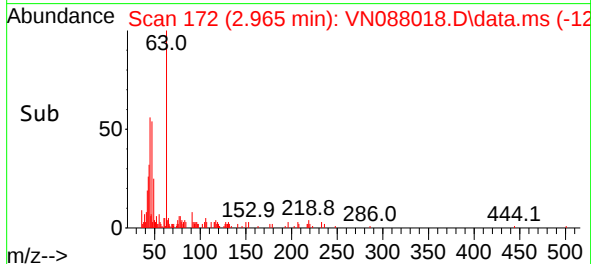
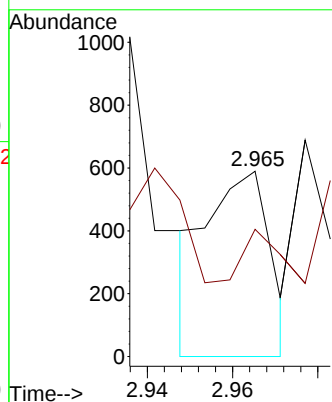
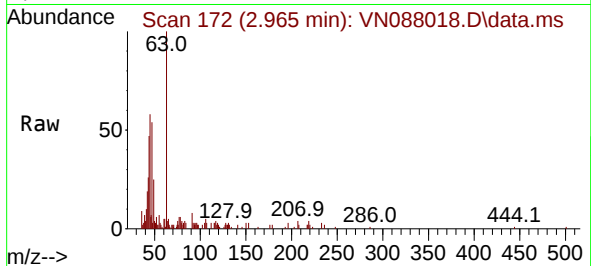




#5
Bromomethane
Concen: 0.454 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088018.D
Acq: 03 Oct 2025 13:01

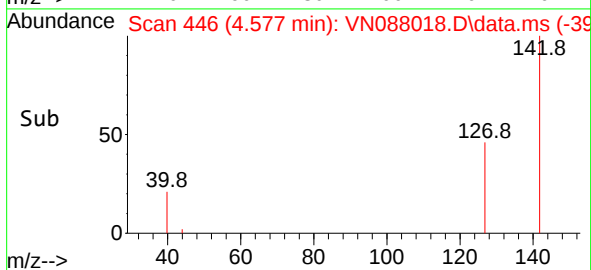
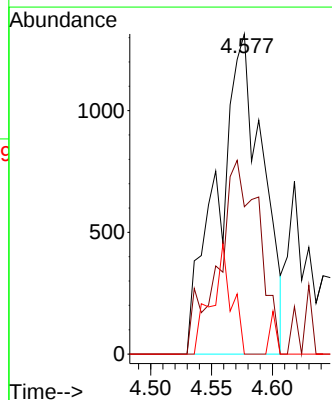
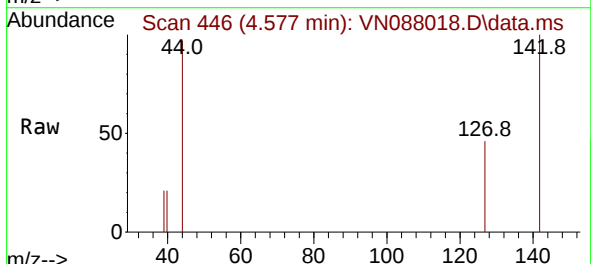
Instrument :
MSVOA_N
ClientSampleId :
R7

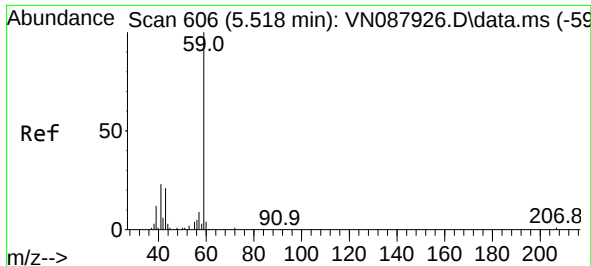
Tgt Ion: 94 Resp: 606
Ion Ratio Lower Upper
94 100
96 19.9 76.8 115.2#



#10
Methyl Iodide
Concen: 2.013 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.006 min
Lab File: VN088018.D
Acq: 03 Oct 2025 13:01

Tgt Ion:142 Resp: 3360
Ion Ratio Lower Upper
142 100
127 46.0 35.3 52.9
141 0.0 11.8 17.8#

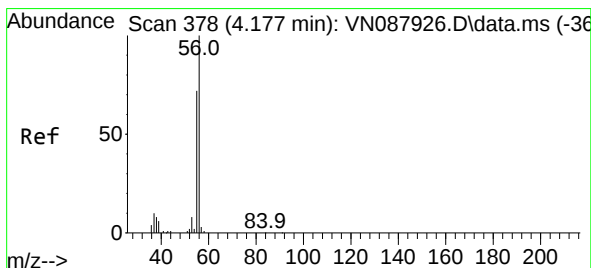
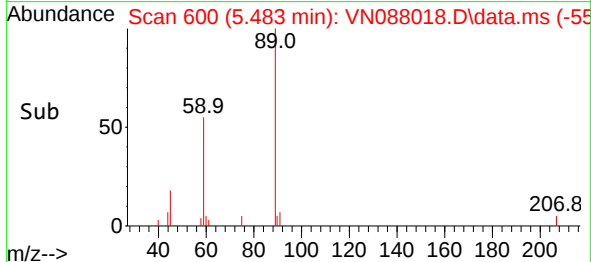
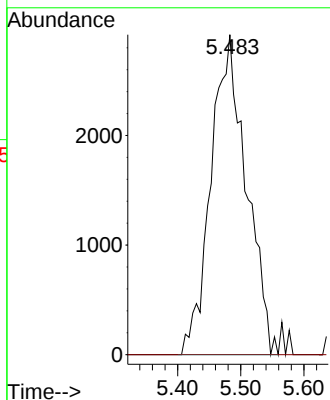
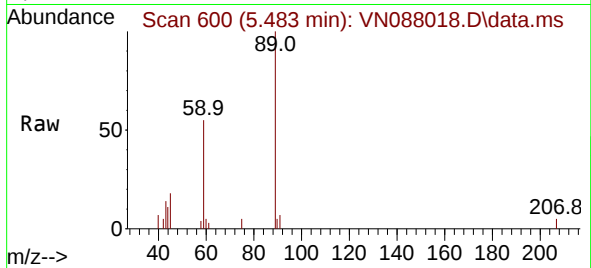




#11
Tert butyl alcohol
Concen: 26.322 ug/l
RT: 5.483 min Scan# 606
Delta R.T. -0.035 min
Lab File: VN088018.D
Acq: 03 Oct 2025 13:01

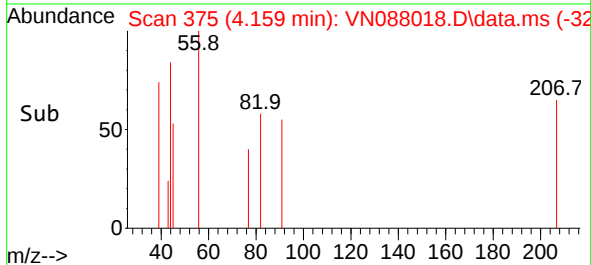
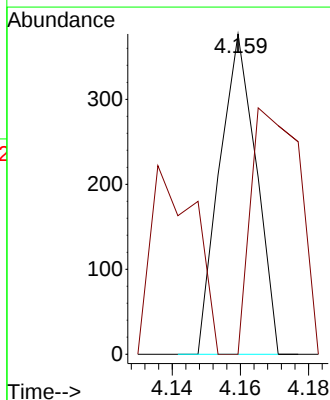
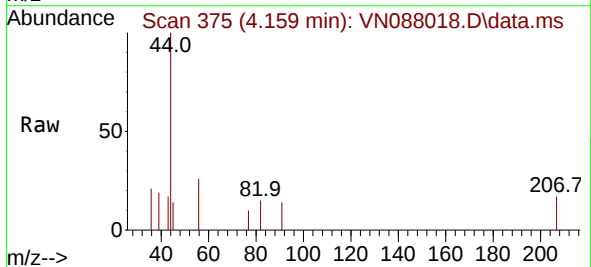
Instrument :
MSVOA_N
ClientSampleId :
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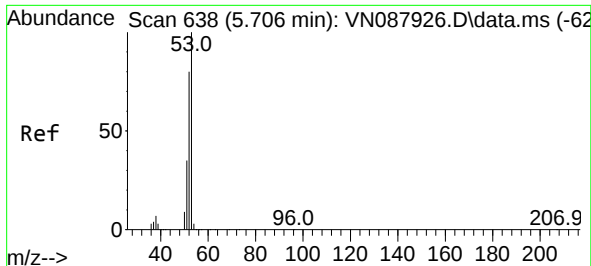
Tgt Ion: 59 Resp: 11367
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#



#13
Acrolein
Concen: 0.507 ug/l
RT: 4.159 min Scan# 375
Delta R.T. -0.018 min
Lab File: VN088018.D
Acq: 03 Oct 2025 13:01

Tgt Ion: 56 Resp: 281
Ion Ratio Lower Upper
56 100
55 101.4 59.3 88.9#

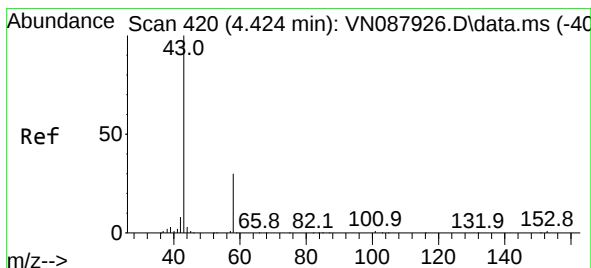
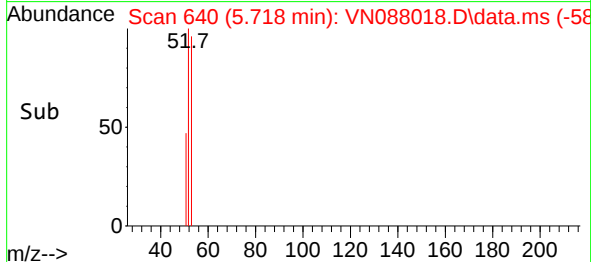
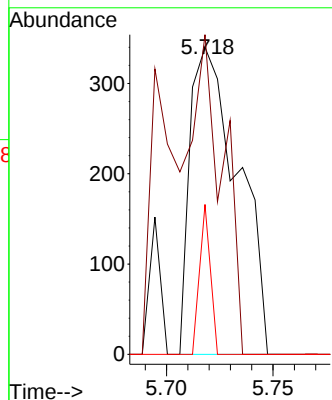
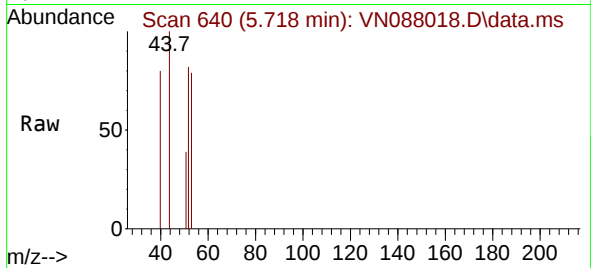




#15
Acrylonitrile
Concen: 0.393 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.012 min
Lab File: VN088018.D
Acq: 03 Oct 2025 13:01

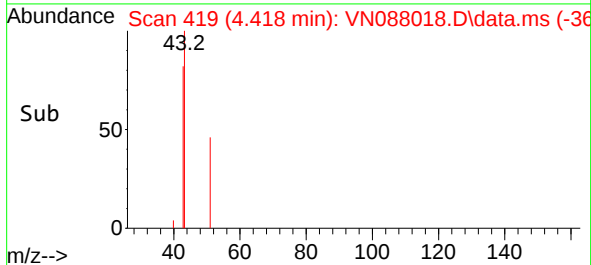
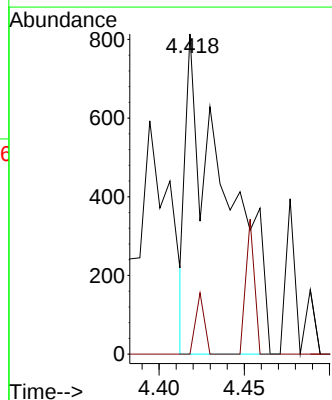
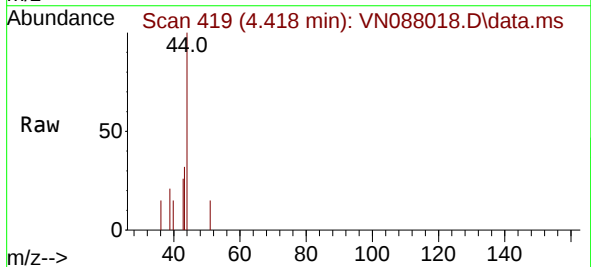
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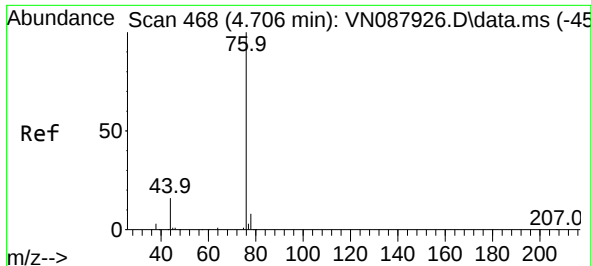
Tgt Ion: 53 Resp: 533
Ion Ratio Lower Upper
53 100
52 67.5 66.6 99.8
51 11.1 29.0 43.4#



#16
Acetone
Concen: 1.052 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN088018.D
Acq: 03 Oct 2025 13:01

Tgt Ion: 43 Resp: 1298
Ion Ratio Lower Upper
43 100
58 0.0 24.1 36.1#

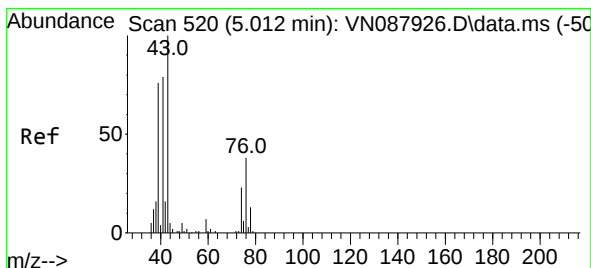
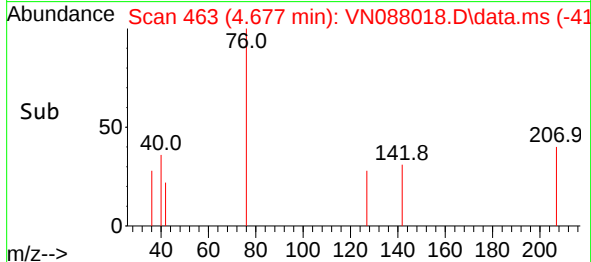
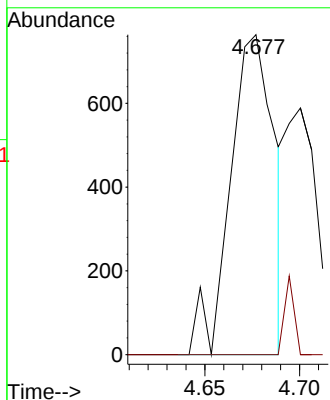
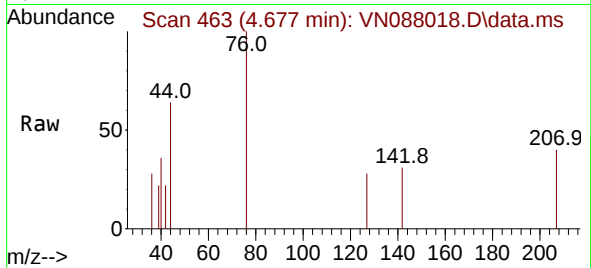




#17
Carbon Disulfide
Concen: 0.210 ug/l
RT: 4.677 min Scan# 41
Delta R.T. -0.029 min
Lab File: VN088018.D
Acq: 03 Oct 2025 13:01

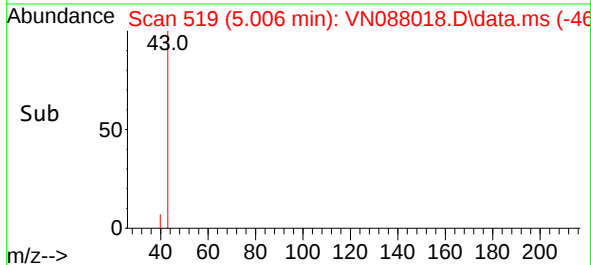
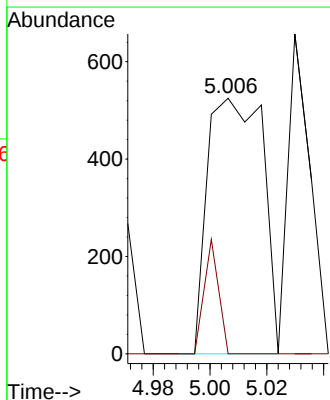
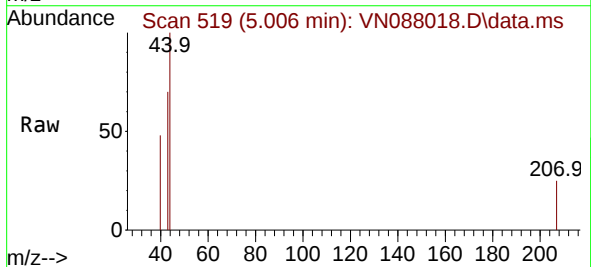
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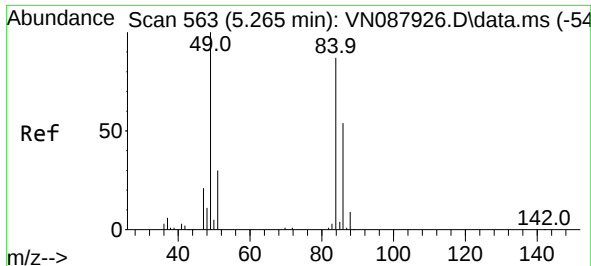
Tgt Ion: 76 Resp: 1229
Ion Ratio Lower Upper
76 100
78 0.0 6.7 10.1#



#18
Methyl Acetate
Concen: 0.229 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.006 min
Lab File: VN088018.D
Acq: 03 Oct 2025 13:01

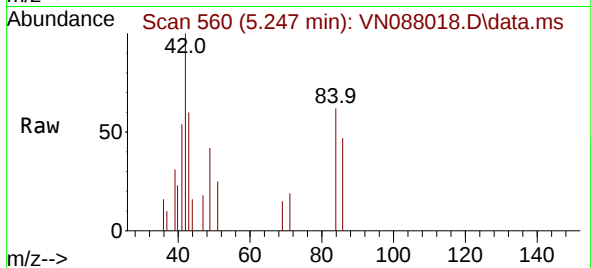
Tgt Ion: 43 Resp: 707
Ion Ratio Lower Upper
43 100
74 11.7 19.7 29.5#



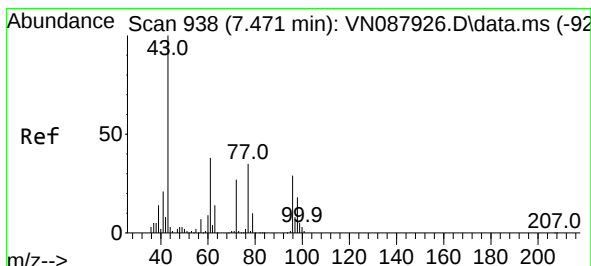
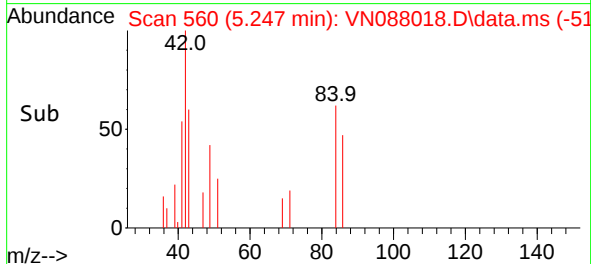
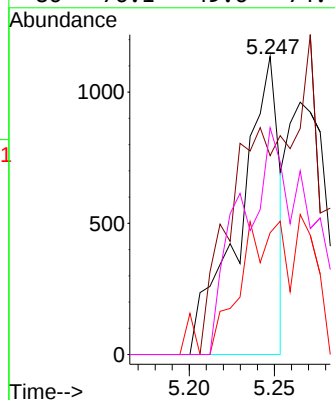


#20
Methylene Chloride
Concen: 0.733 ug/l
RT: 5.247 min Scan# 51
Delta R.T. -0.018 min
Lab File: VN088018.D
Acq: 03 Oct 2025 13:01

Instrument :
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ClientSampleId :
R7

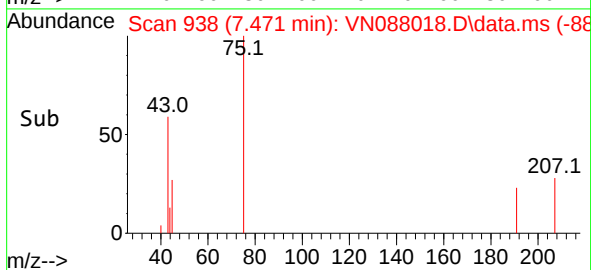
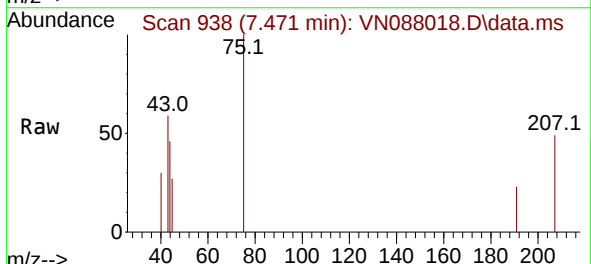
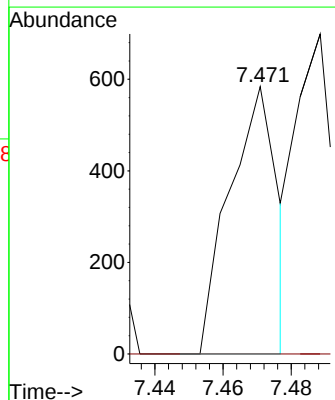


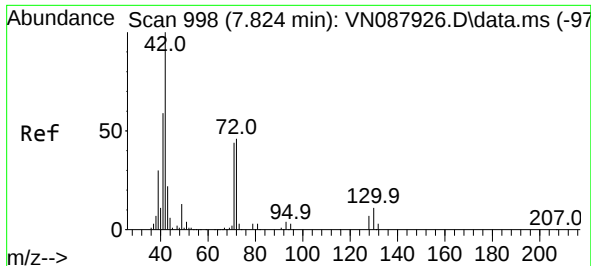
Tgt Ion:	84	Resp:	1830
Ion	Ratio	Lower	Upper
84	100		
49	66.7	92.1	138.1#
51	40.8	27.7	41.5
86	76.1	49.6	74.4#



#25
2-Butanone
Concen: 0.305 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088018.D
Acq: 03 Oct 2025 13:01

Tgt Ion:	43	Resp:	576
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.5	32.3#





#29

Tetrahydrofuran

Concen: 0.576 ug/l

RT: 7.841 min Scan# 110

Delta R.T. 0.018 min

Lab File: VN088018.D

Acq: 03 Oct 2025 13:01

Instrument :

MSVOA_N

ClientSampleId :

R7

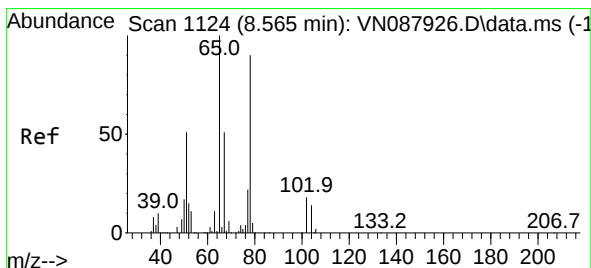
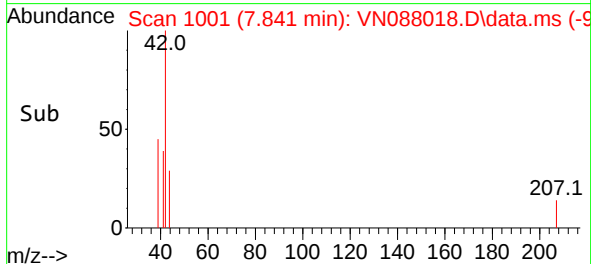
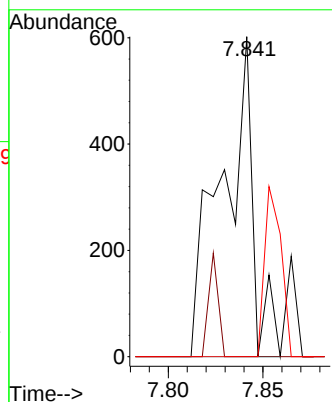
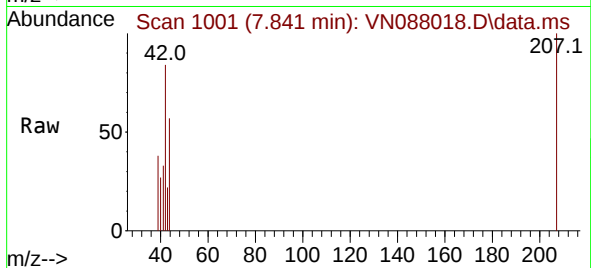
Tgt Ion: 42 Resp: 696

Ion Ratio Lower Upper

42 100

72 0.0 36.5 54.7#

71 28.0 33.8 50.8#



#33

1,2-Dichloroethane-d4

Concen: 55.215 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.006 min

Lab File: VN088018.D

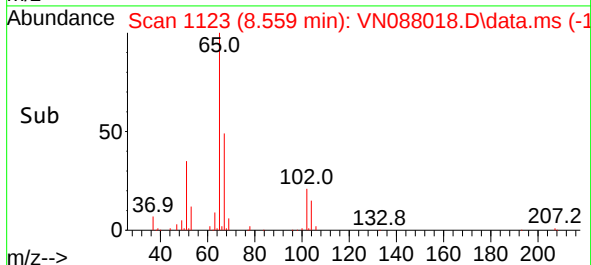
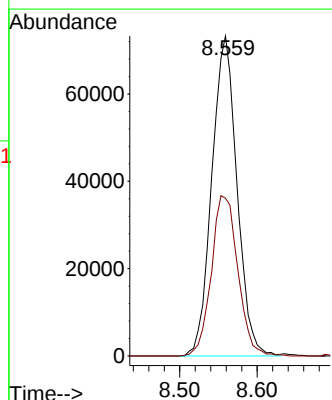
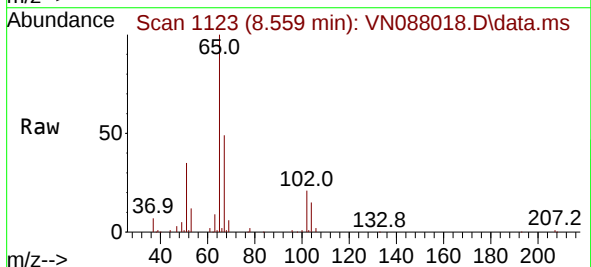
Acq: 03 Oct 2025 13:01

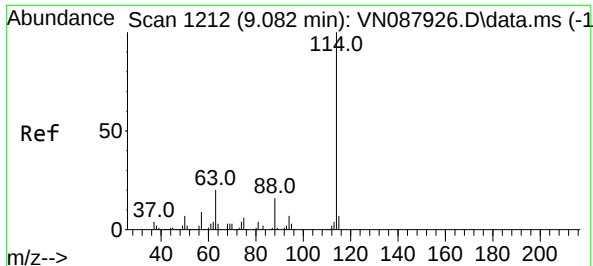
Tgt Ion: 65 Resp: 165546

Ion Ratio Lower Upper

65 100

67 52.8 0.0 103.4

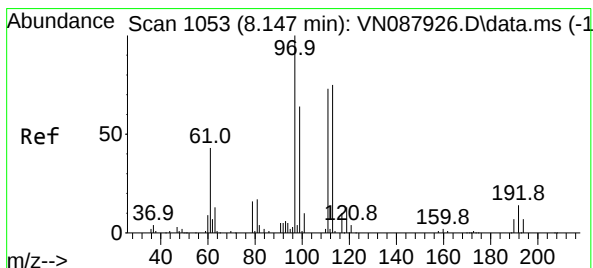
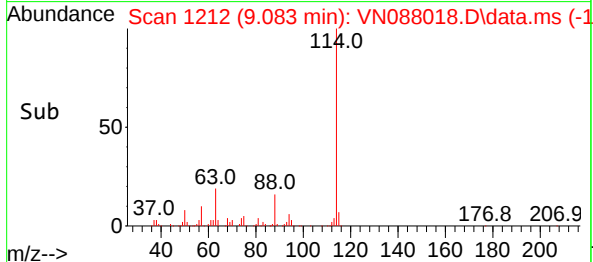
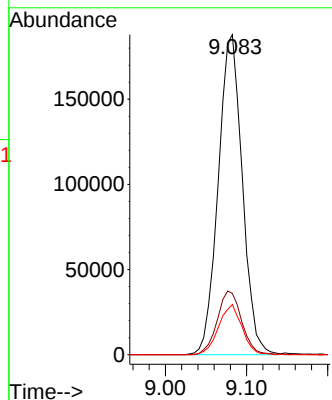
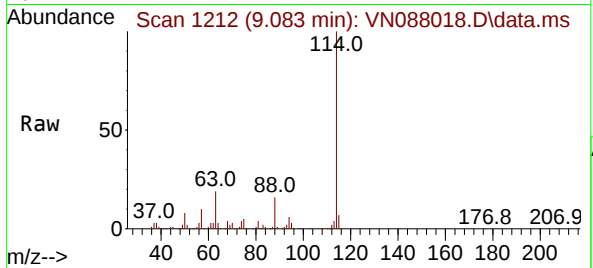




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088018.D
Acq: 03 Oct 2025 13:01

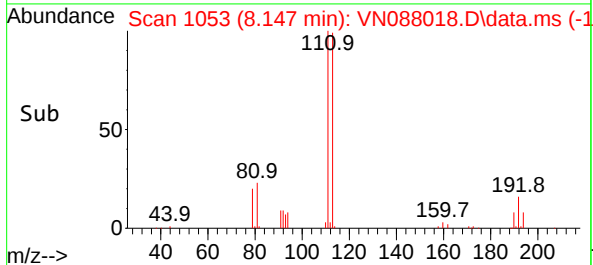
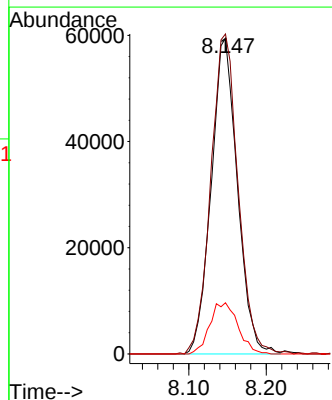
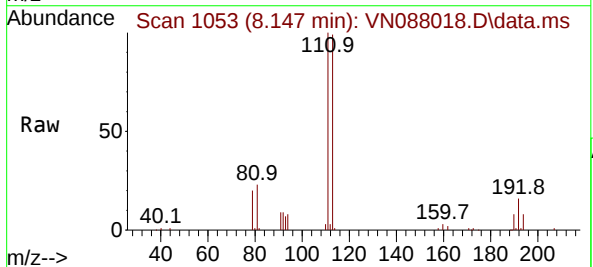
Instrument :
MSVOA_N
ClientSampleId :
R7

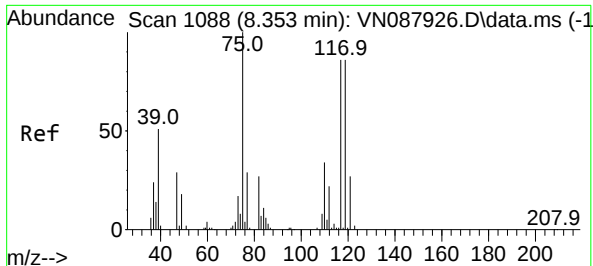
Tgt Ion:114 Resp: 387786
Ion Ratio Lower Upper
114 100
63 19.1 0.0 40.0
88 15.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.522 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VN088018.D
Acq: 03 Oct 2025 13:01

Tgt Ion:113 Resp: 139430
Ion Ratio Lower Upper
113 100
111 105.5 82.2 123.2
192 17.5 14.2 21.2





#36

1,1-Dichloropropene

Concen: 4.522 ug/l

RT: 8.206 min Scan# 1063

Delta R.T. -0.147 min

Lab File: VN088018.D

Acq: 03 Oct 2025 13:01

Instrument :

MSVOA_N

ClientSampleId :

R7

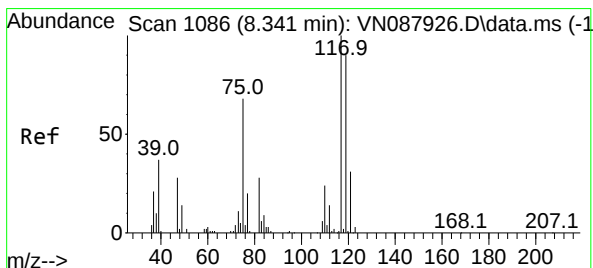
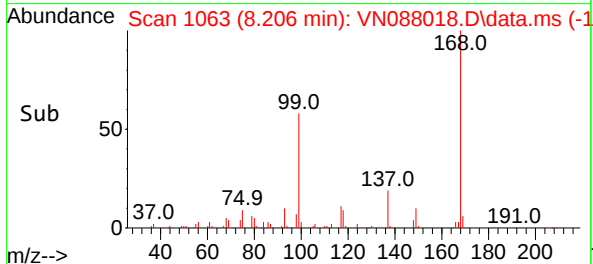
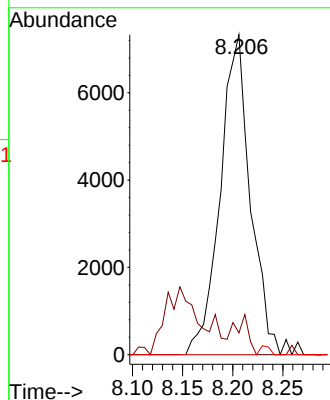
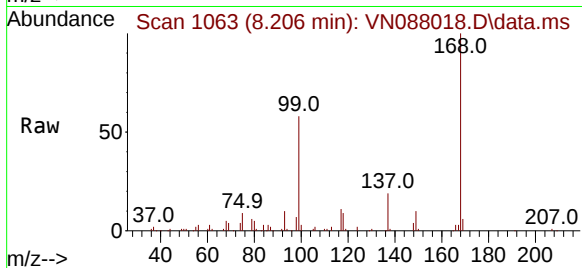
Tgt Ion: 75 Resp: 15308

Ion Ratio Lower Upper

75 100

110 5.6 17.1 51.3#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.091 ug/l

RT: 8.200 min Scan# 1062

Delta R.T. -0.141 min

Lab File: VN088018.D

Acq: 03 Oct 2025 13:01

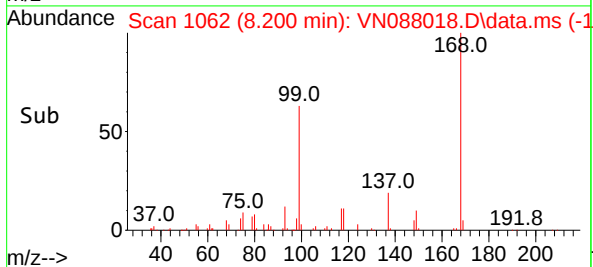
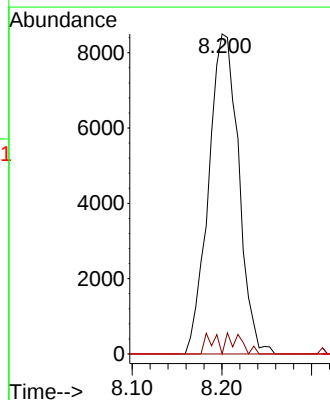
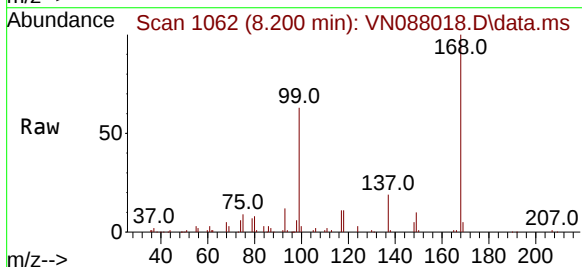
Tgt Ion: 117 Resp: 19778

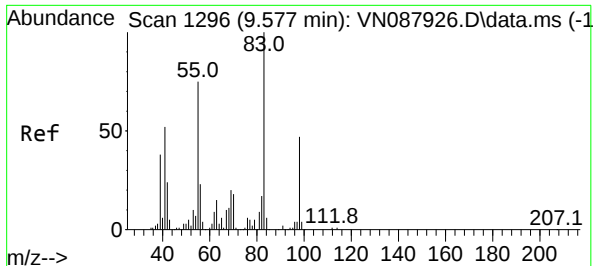
Ion Ratio Lower Upper

117 100

119 0.0 72.1 108.1#

121 0.0 24.6 36.8#





#39

Methylcyclohexane

Concen: 0.601 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN088018.D

Acq: 03 Oct 2025 13:01

Instrument :

MSVOA_N

ClientSampleId :

R7

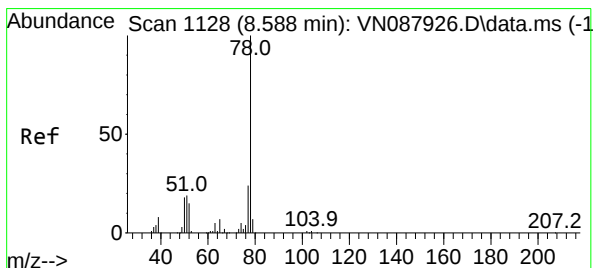
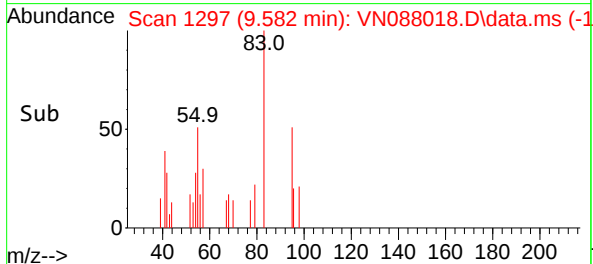
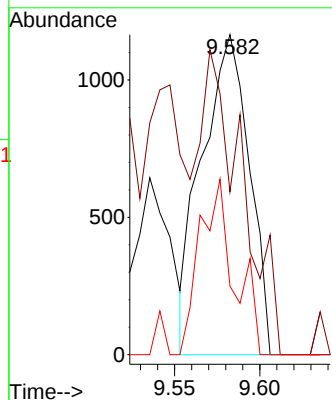
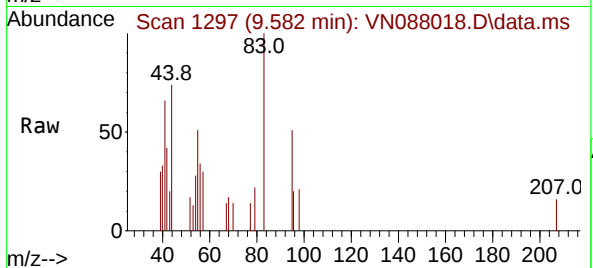
Tgt Ion: 83 Resp: 2245

Ion Ratio Lower Upper

83 100

55 59.7 59.9 89.9#

98 25.1 37.4 56.2#



#40

Benzene

Concen: 1.137 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN088018.D

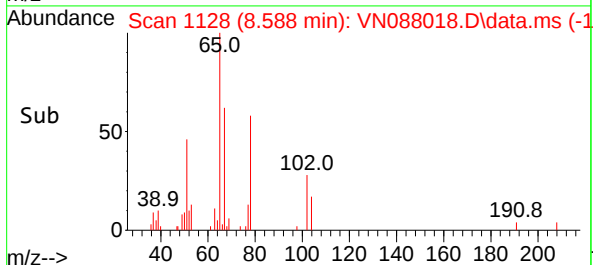
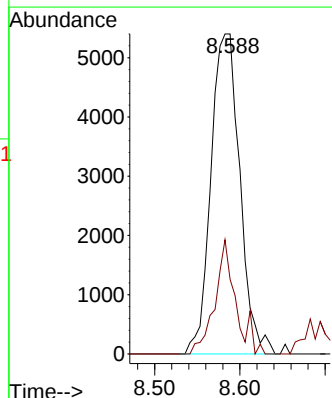
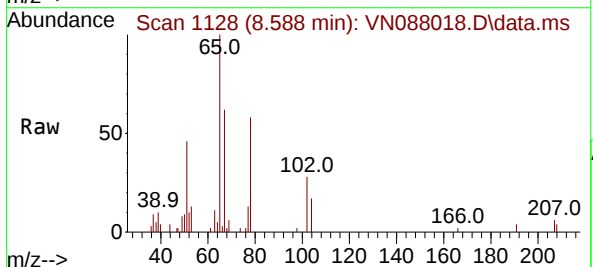
Acq: 03 Oct 2025 13:01

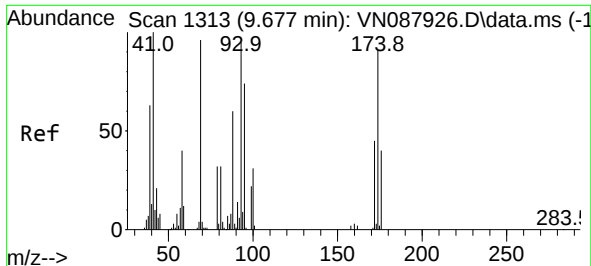
Tgt Ion: 78 Resp: 12750

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.6





#49

1,4-Dioxane

Concen: 1.629 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.029 min

Lab File: VN088018.D

Acq: 03 Oct 2025 13:01

Instrument :

MSVOA_N

ClientSampleId :

R7

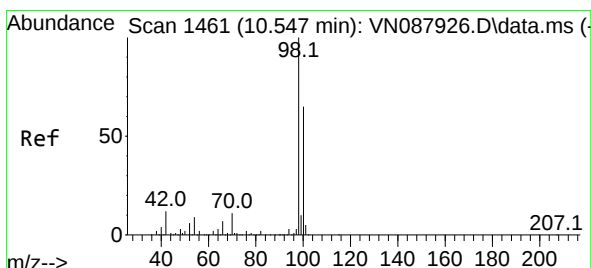
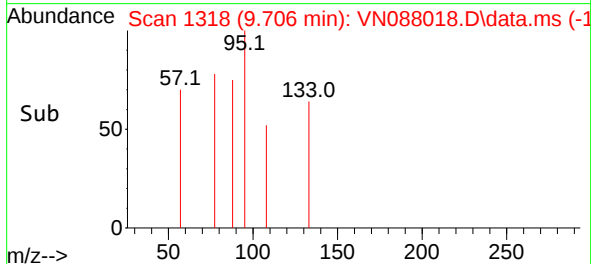
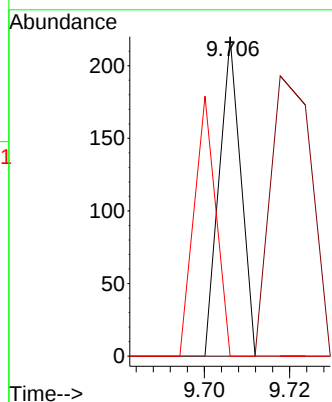
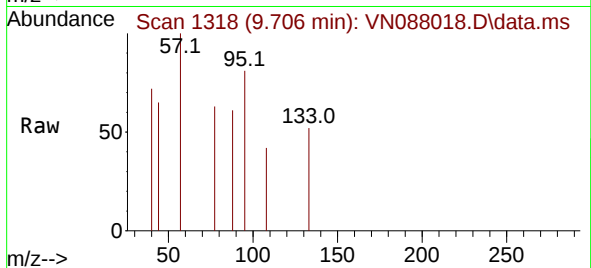
Tgt Ion: 88 Resp: 78

Ion Ratio Lower Upper

88 100

43 165.4 22.6 33.8#

58 80.8 57.4 86.2



#50

Toluene-d8

Concen: 49.188 ug/l

RT: 10.541 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VN088018.D

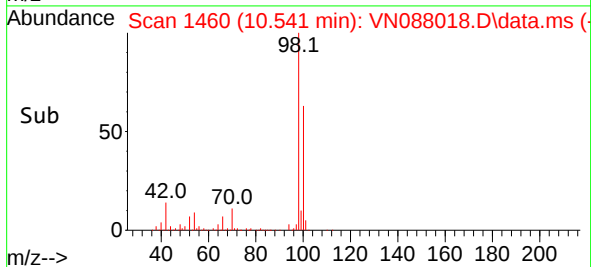
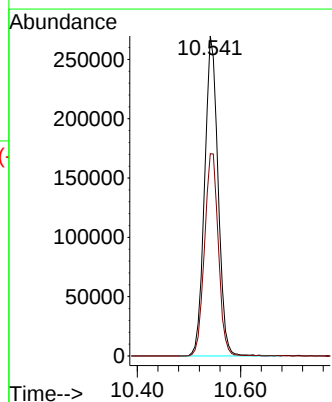
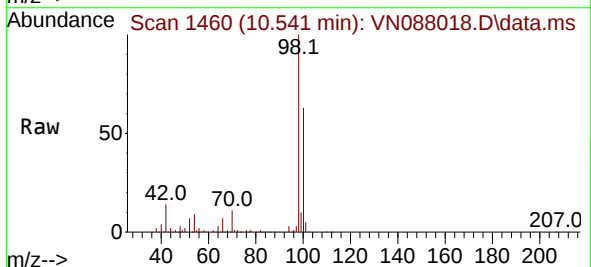
Acq: 03 Oct 2025 13:01

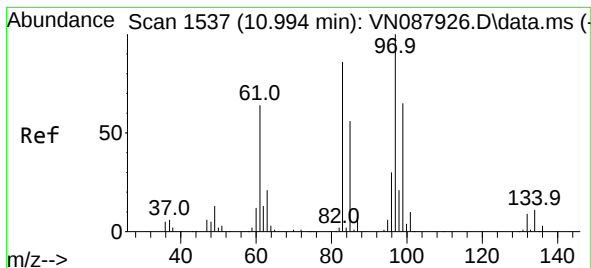
Tgt Ion: 98 Resp: 487016

Ion Ratio Lower Upper

98 100

100 65.0 51.7 77.5





#55

1,1,2-Trichloroethane

Concen: 0.405 ug/l

RT: 10.994 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN088018.D

Acq: 03 Oct 2025 13:01

Instrument :

MSVOA_N

ClientSampleId :

R7

Tgt Ion: 97 Resp: 1157

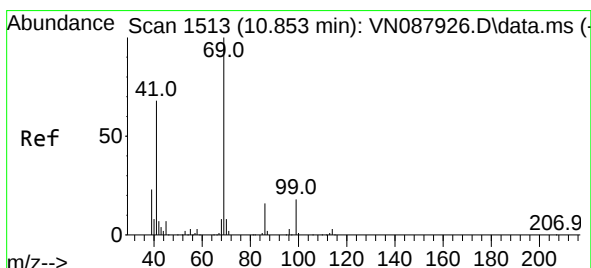
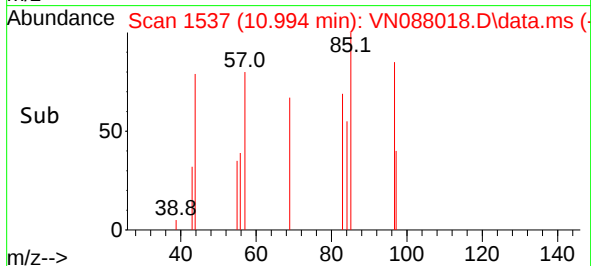
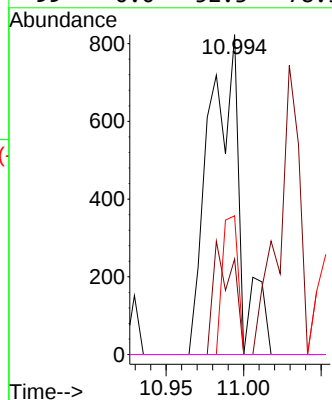
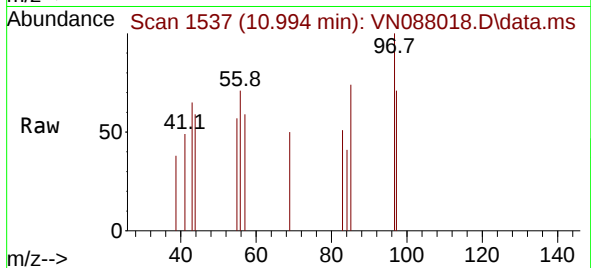
Ion Ratio Lower Upper

97 100

83 29.9 69.0 103.4#

85 43.4 44.4 66.6#

99 0.0 52.3 78.5#



#56

Ethyl methacrylate

Concen: 0.207 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. -0.018 min

Lab File: VN088018.D

Acq: 03 Oct 2025 13:01

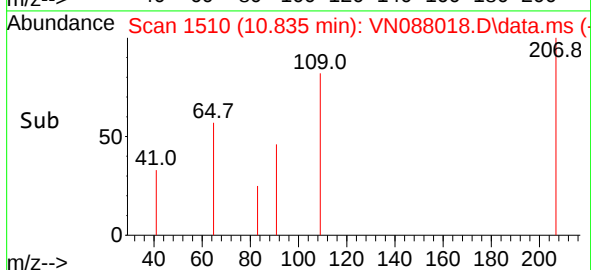
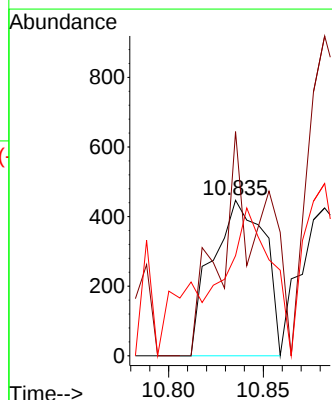
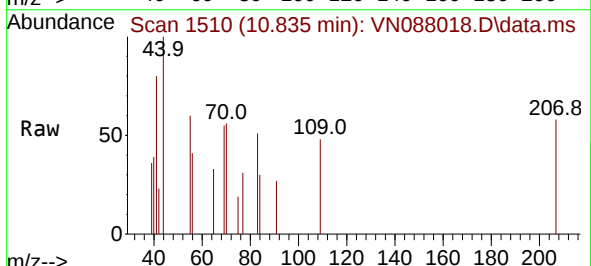
Tgt Ion: 69 Resp: 855

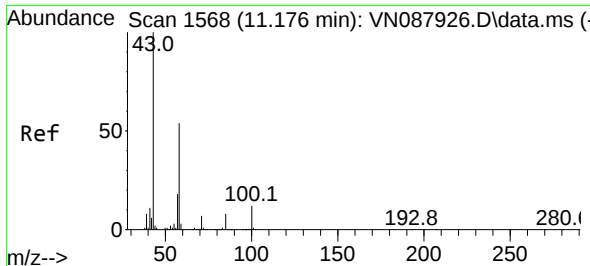
Ion Ratio Lower Upper

69 100

41 118.6 53.8 80.6#

39 82.6 34.7 52.1#

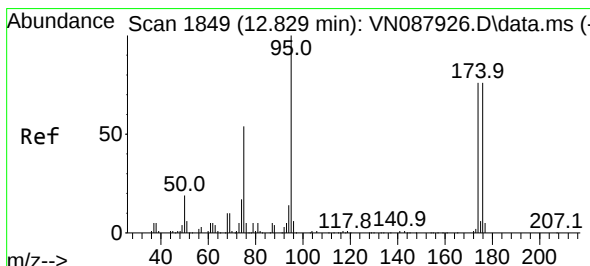
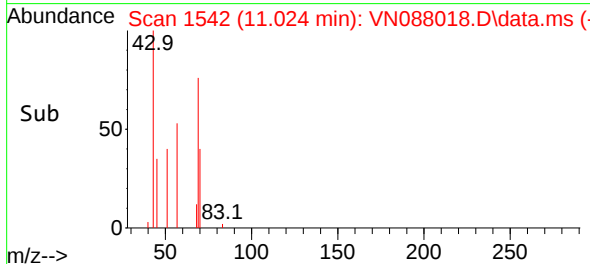
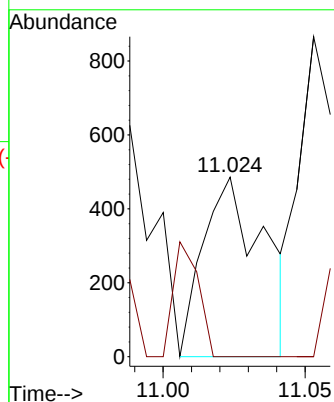
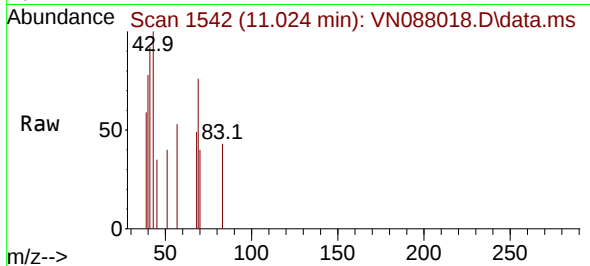




#59
2-Hexanone
Concen: 0.249 ug/l
RT: 11.024 min Scan# 11
Delta R.T. -0.153 min
Lab File: VN088018.D
Acq: 03 Oct 2025 13:01

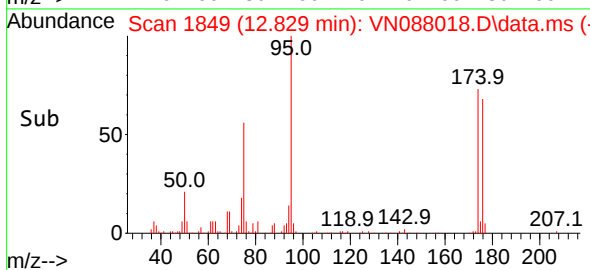
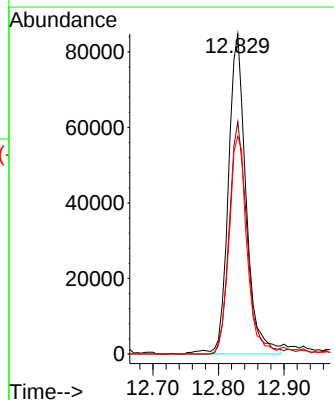
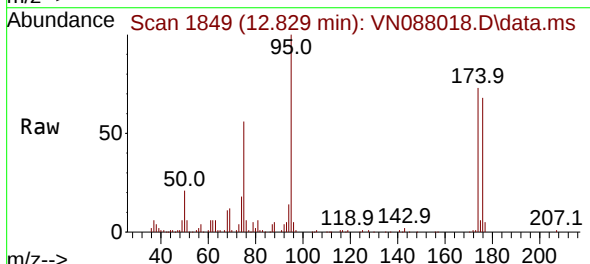
Instrument :
MSVOA_N
ClientSampleId :
R7

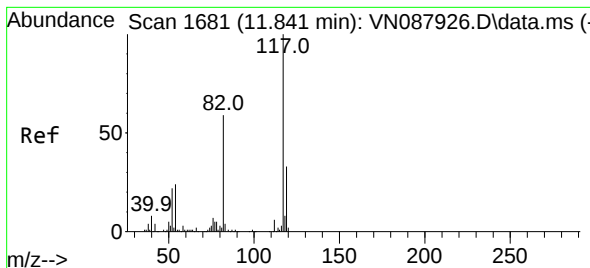
Tgt Ion: 43 Resp: 719
Ion Ratio Lower Upper
43 100
58 26.6 26.4 79.2



#62
4-Bromofluorobenzene
Concen: 44.790 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN088018.D
Acq: 03 Oct 2025 13:01

Tgt Ion: 95 Resp: 158518
Ion Ratio Lower Upper
95 100
174 73.4 0.0 159.2
176 68.6 0.0 152.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.841 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN088018.D

Acq: 03 Oct 2025 13:01

Instrument :

MSVOA_N

ClientSampleId :

R7

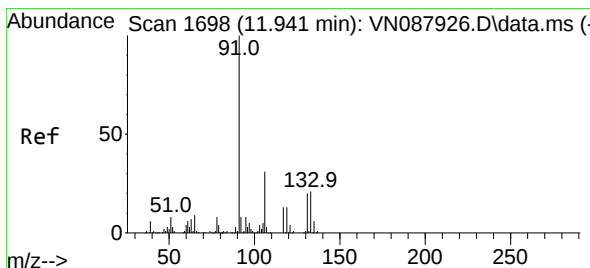
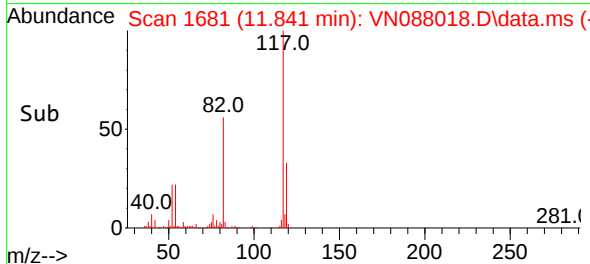
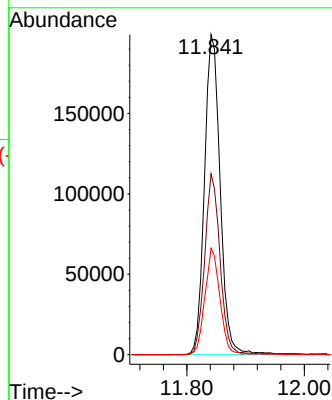
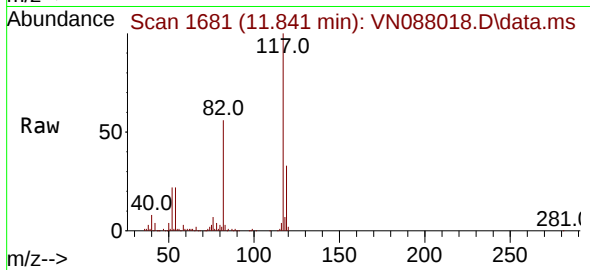
Tgt Ion:117 Resp: 368559

Ion Ratio Lower Upper

117 100

82 56.5 47.0 70.4

119 33.3 26.1 39.1



#67

Ethyl Benzene

Concen: 0.238 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VN088018.D

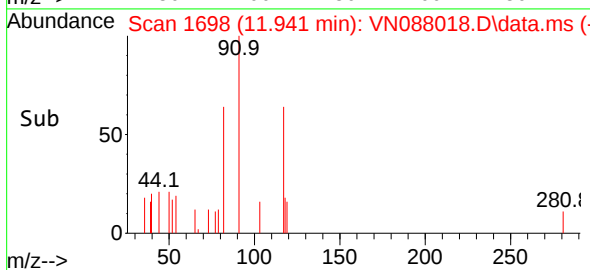
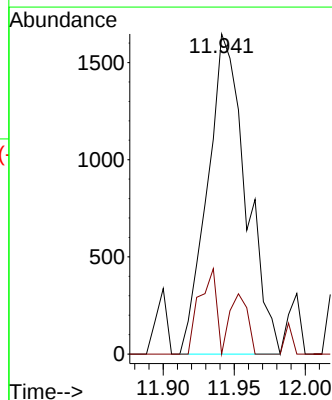
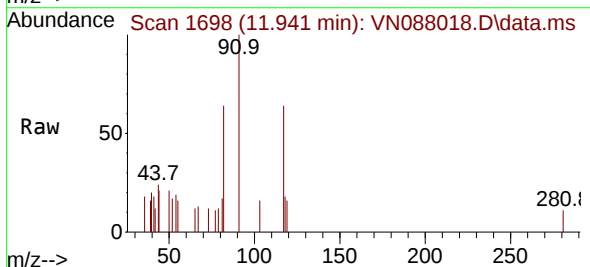
Acq: 03 Oct 2025 13:01

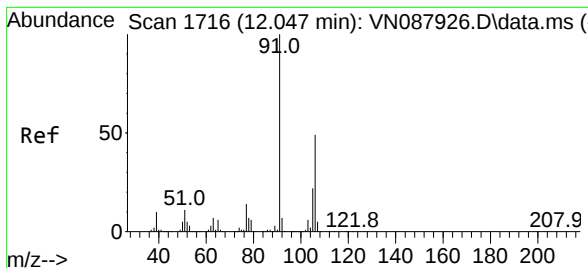
Tgt Ion: 91 Resp: 3112

Ion Ratio Lower Upper

91 100

106 0.0 25.2 37.8#

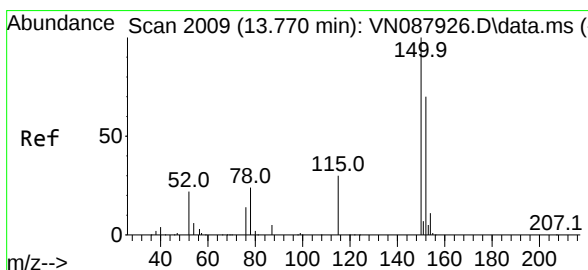
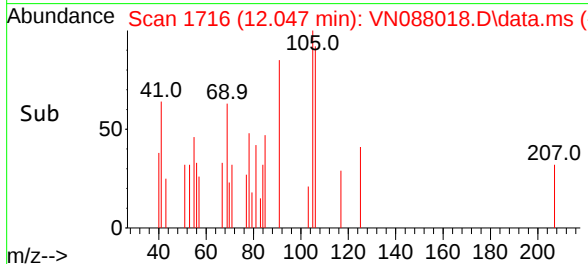
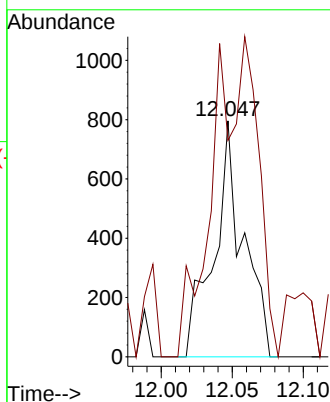
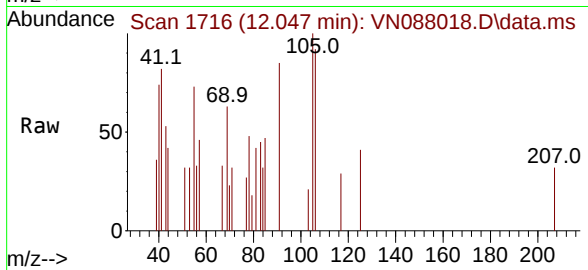




#68
m/p-Xylenes
Concen: 0.229 ug/l
RT: 12.047 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088018.D
Acq: 03 Oct 2025 13:01

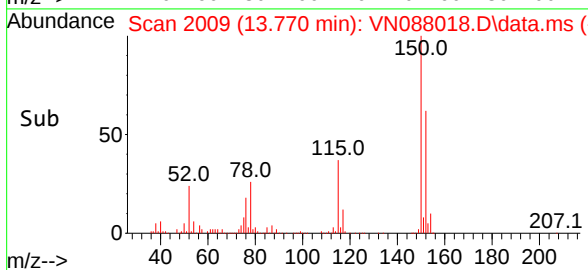
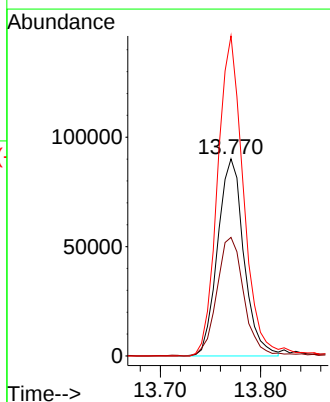
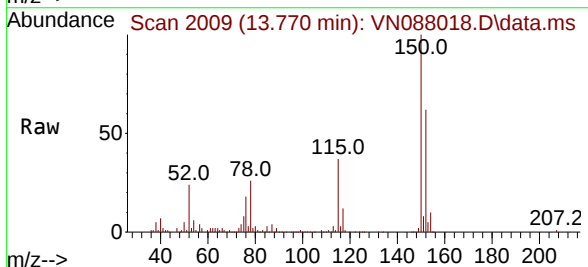
Instrument :
MSVOA_N
ClientSampleId :
R7

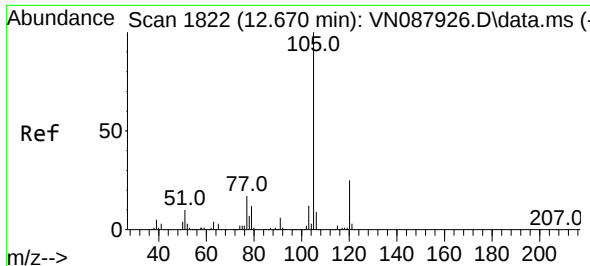
Tgt Ion:106 Resp: 1148
Ion Ratio Lower Upper
106 100
91 203.7 162.9 244.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN088018.D
Acq: 03 Oct 2025 13:01

Tgt Ion:152 Resp: 163621
Ion Ratio Lower Upper
152 100
115 62.7 29.9 89.7
150 162.8 0.0 335.0

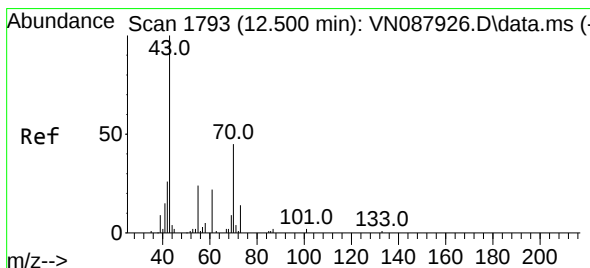
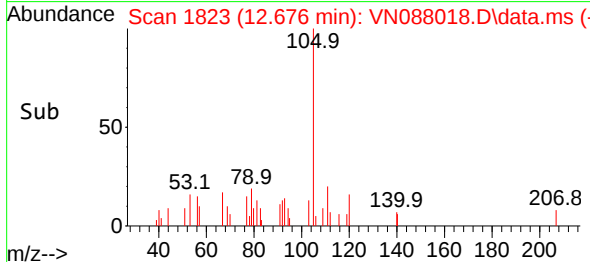
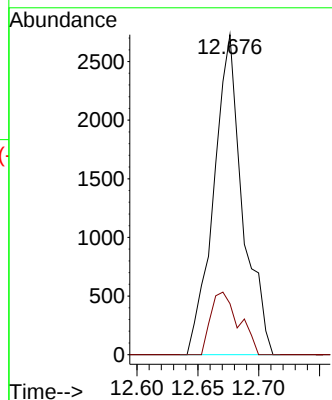
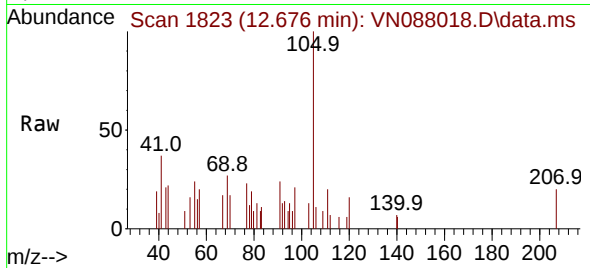




#73
Isopropylbenzene
Concen: 0.445 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088018.D
Acq: 03 Oct 2025 13:01

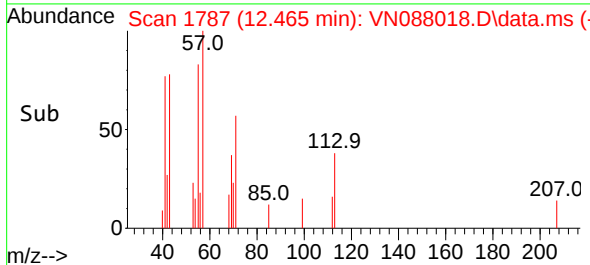
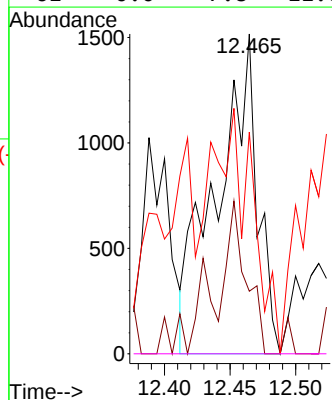
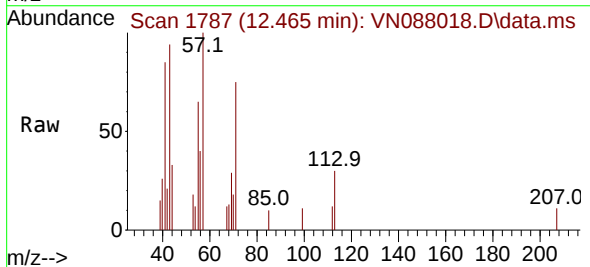
Instrument :
MSVOA_N
ClientSampleId :
R7

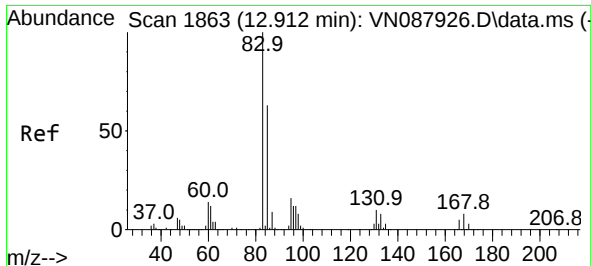
Tgt Ion:105 Resp: 4512
Ion Ratio Lower Upper
105 100
120 19.0 13.1 39.1



#74
N-ethyl acetate
Concen: 0.982 ug/l
RT: 12.465 min Scan# 1787
Delta R.T. -0.035 min
Lab File: VN088018.D
Acq: 03 Oct 2025 13:01

Tgt Ion: 43 Resp: 3282
Ion Ratio Lower Upper
43 100
70 23.1 19.8 29.8
55 0.0 9.6 14.4#
61 0.0 7.8 11.6#

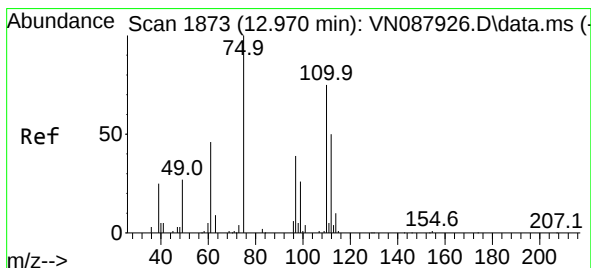
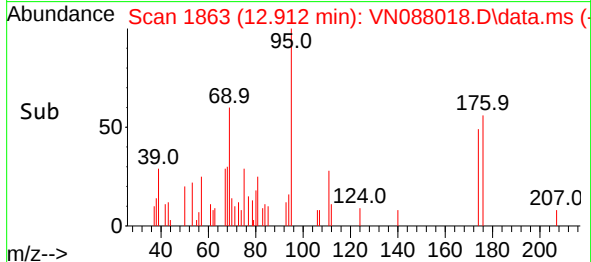
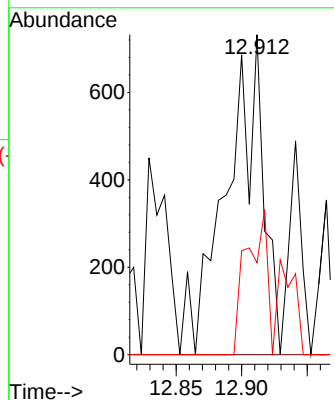
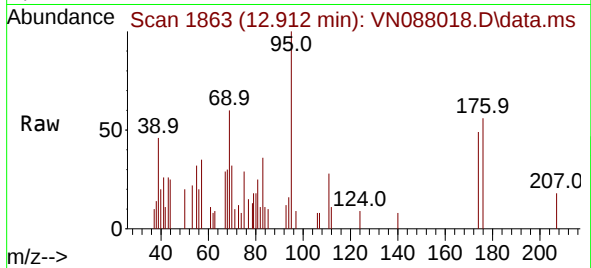




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.392 ug/l
 RT: 12.912 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VN088018.D
 Acq: 03 Oct 2025 13:01

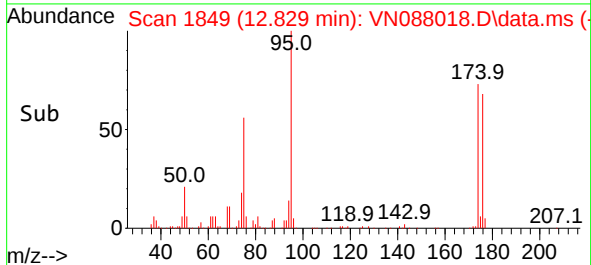
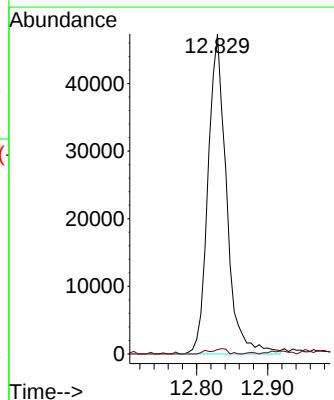
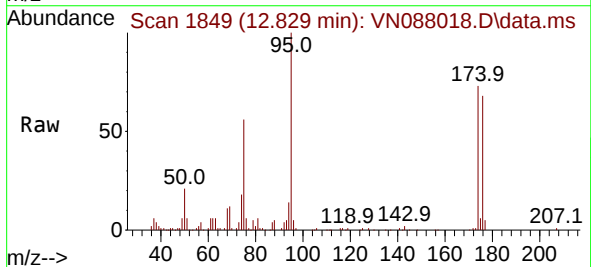
Instrument :
 MSVOA_N
 ClientSampleId :
 R7

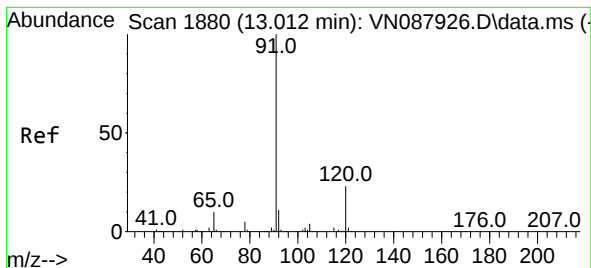
Tgt Ion: 83 Resp: 1433
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.2 15.6#
 85 25.2 32.4 97.0#



#76
 1,2,3-Trichloropropane
 Concen: 26.548 ug/l
 RT: 12.829 min Scan# 1849
 Delta R.T. -0.141 min
 Lab File: VN088018.D
 Acq: 03 Oct 2025 13:01

Tgt Ion: 75 Resp: 85626
 Ion Ratio Lower Upper
 75 100
 77 1.6 89.5 268.5#





#78

n-propylbenzene

Concen: 0.256 ug/l

RT: 13.023 min Scan# 1882

Delta R.T. 0.012 min

Lab File: VN088018.D

Acq: 03 Oct 2025 13:01

Instrument :

MSVOA_N

ClientSampleId :

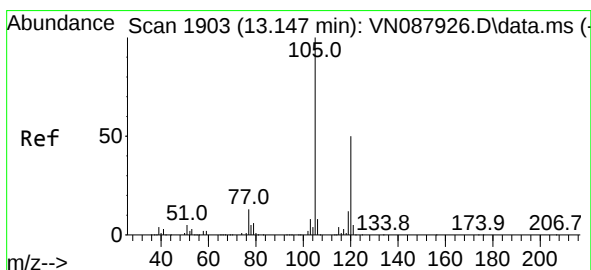
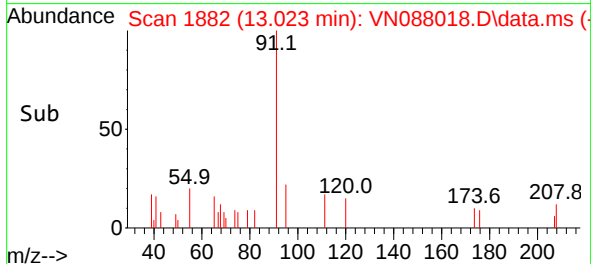
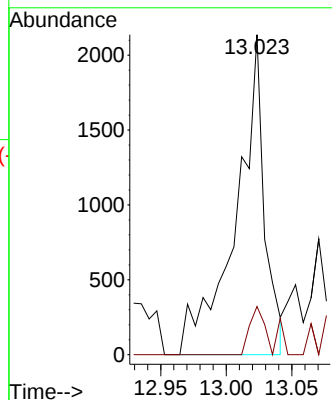
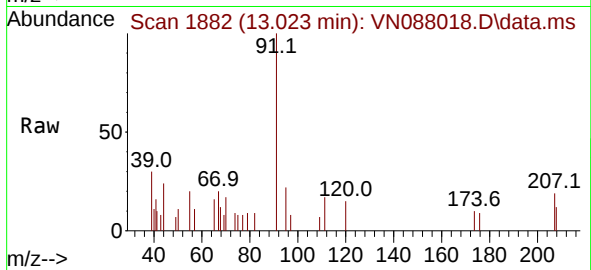
R7

Tgt Ion: 91 Resp: 3245

Ion Ratio Lower Upper

91 100

120 7.8 11.1 33.1#



#80

1,3,5-Trimethylbenzene

Concen: 0.266 ug/l

RT: 13.159 min Scan# 1905

Delta R.T. 0.012 min

Lab File: VN088018.D

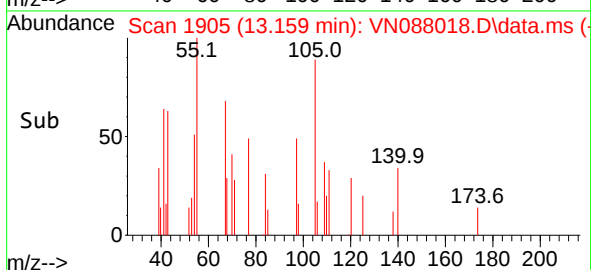
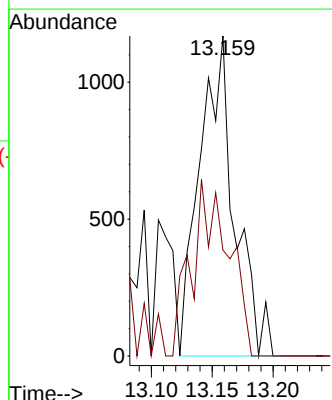
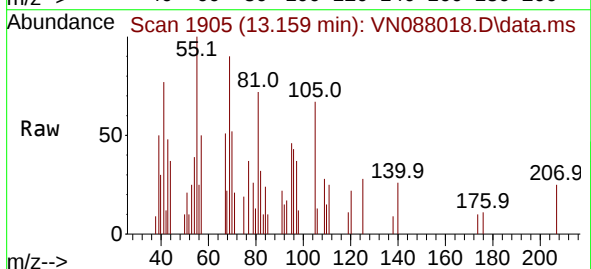
Acq: 03 Oct 2025 13:01

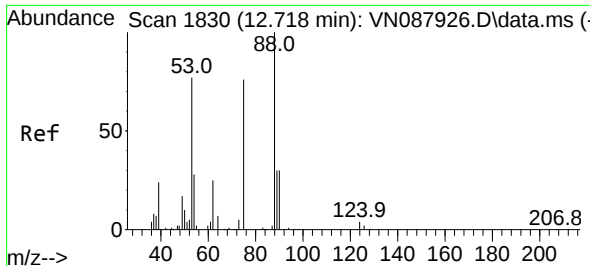
Tgt Ion: 105 Resp: 2333

Ion Ratio Lower Upper

105 100

120 58.0 24.7 74.1

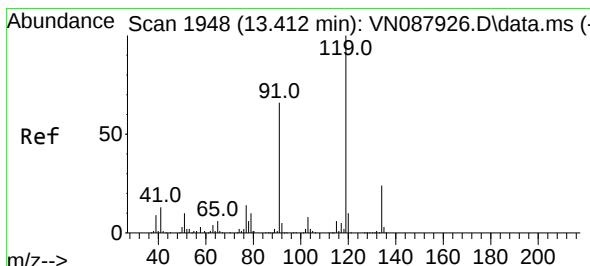
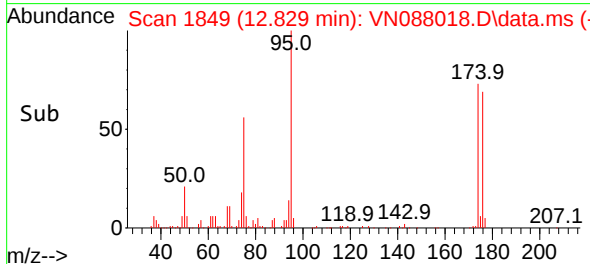
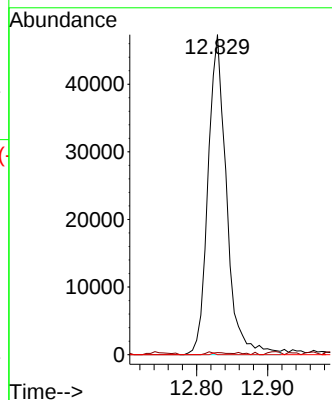
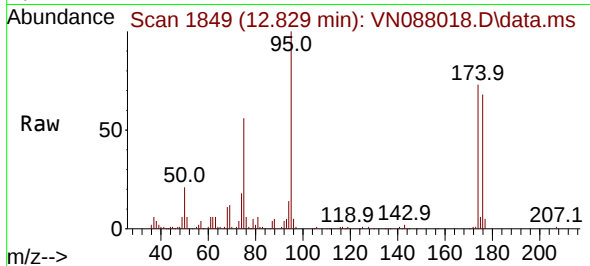




#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.720 ug/l
 RT: 12.829 min Scan# 1849
 Delta R.T. 0.112 min
 Lab File: VN088018.D
 Acq: 03 Oct 2025 13:01

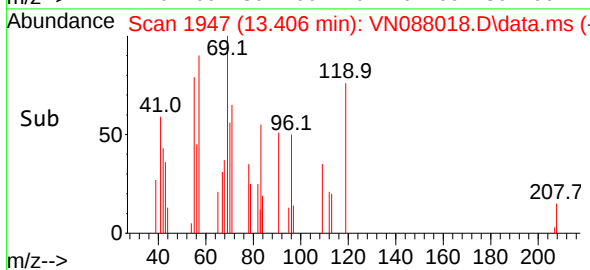
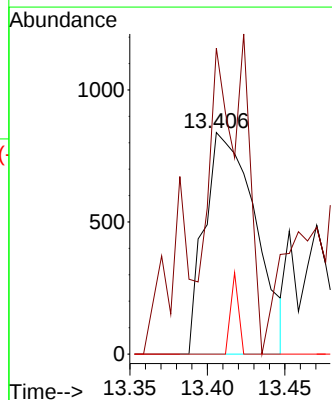
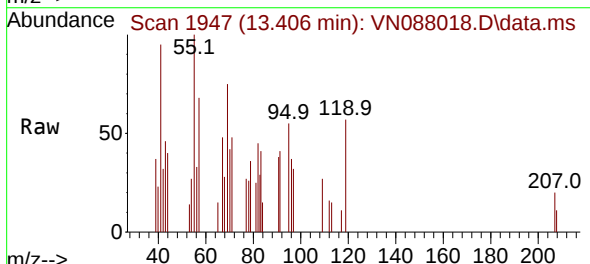
Instrument :
 MSVOA_N
 ClientSampleId :
 R7

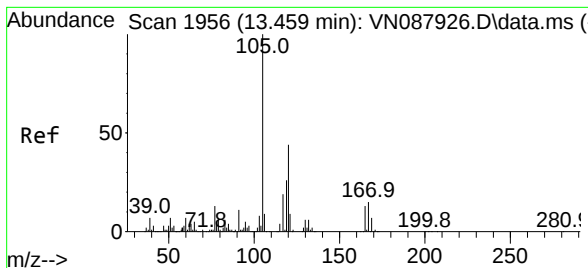
Tgt Ion: 75 Resp: 85626
 Ion Ratio Lower Upper
 75 100
 53 0.8 82.0 123.0#
 89 0.1 36.1 54.1#



#83
 tert-Butylbenzene
 Concen: 0.258 ug/l
 RT: 13.406 min Scan# 1947
 Delta R.T. -0.006 min
 Lab File: VN088018.D
 Acq: 03 Oct 2025 13:01

Tgt Ion: 119 Resp: 1913
 Ion Ratio Lower Upper
 119 100
 91 94.5 32.1 96.3
 134 5.7 12.3 36.8#





#84

1,2,4-Trimethylbenzene

Concen: 0.488 ug/l

RT: 13.465 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VN088018.D

Acq: 03 Oct 2025 13:01

Instrument :

MSVOA_N

ClientSampleId :

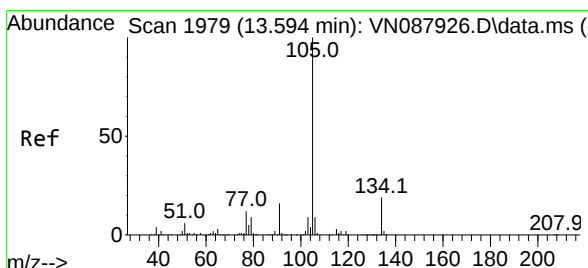
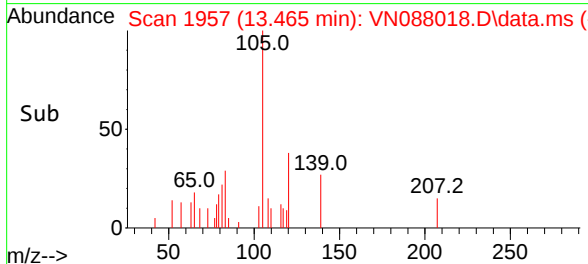
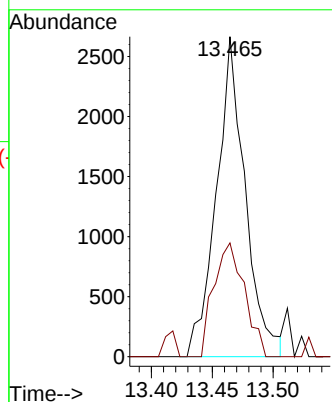
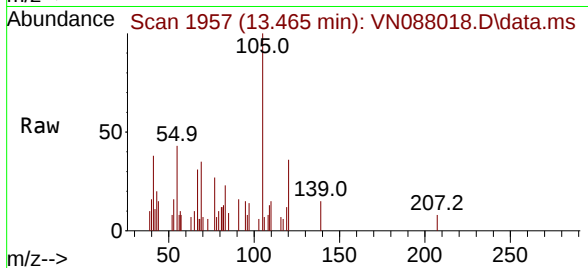
R7

Tgt Ion:105 Resp: 4390

Ion Ratio Lower Upper

105 100

120 37.8 22.4 67.3



#85

sec-Butylbenzene

Concen: 0.367 ug/l

RT: 13.588 min Scan# 1978

Delta R.T. -0.006 min

Lab File: VN088018.D

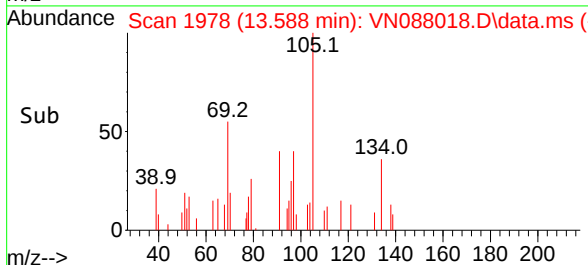
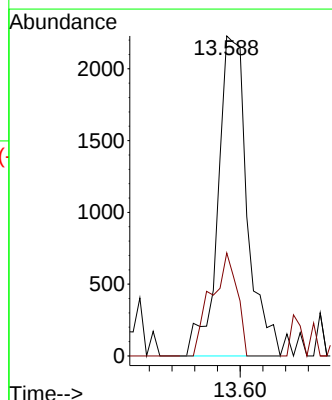
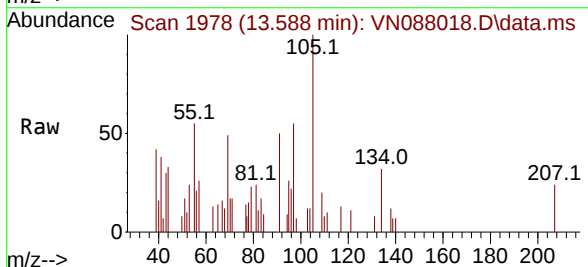
Acq: 03 Oct 2025 13:01

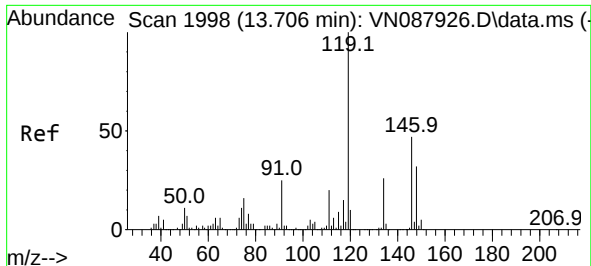
Tgt Ion:105 Resp: 3992

Ion Ratio Lower Upper

105 100

134 28.4 9.6 28.8

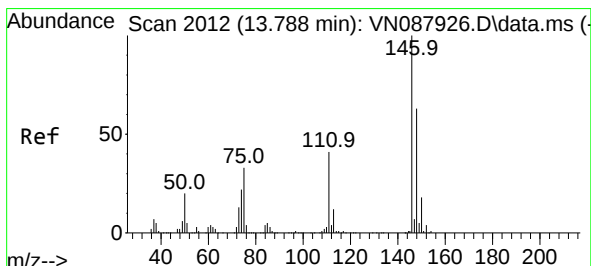
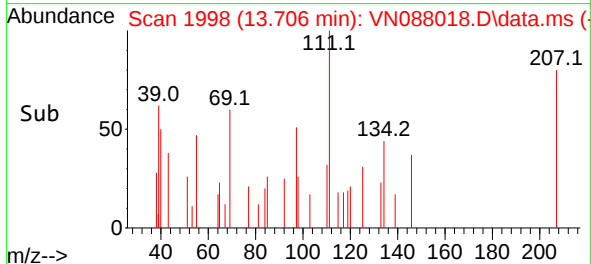
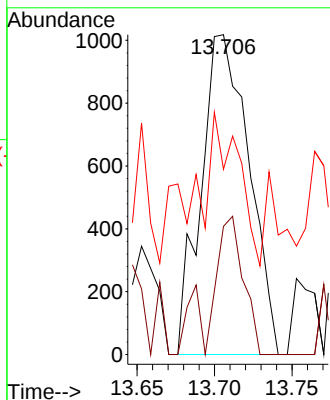
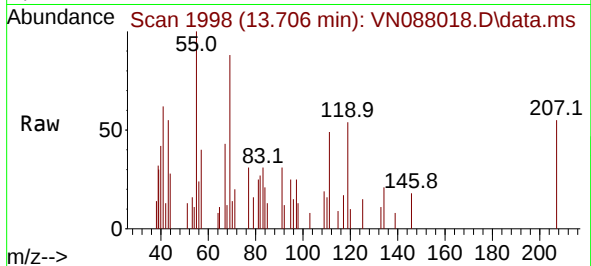




#86
p-Isopropyltoluene
Concen: 0.238 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. 0.000 min
Lab File: VN088018.D
Acq: 03 Oct 2025 13:01

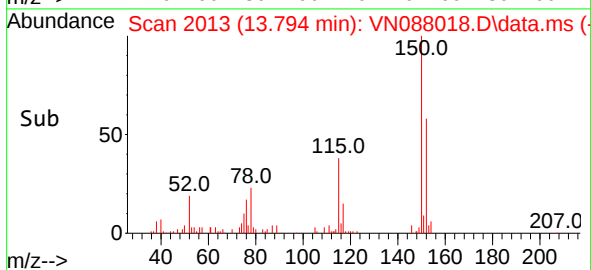
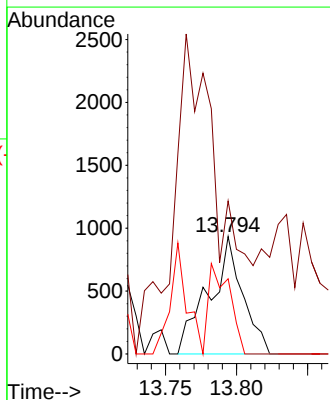
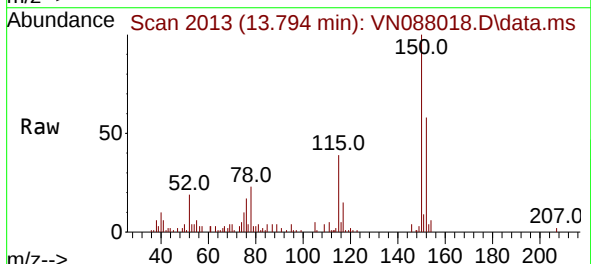
Instrument :
MSVOA_N
ClientSampleId :
R7

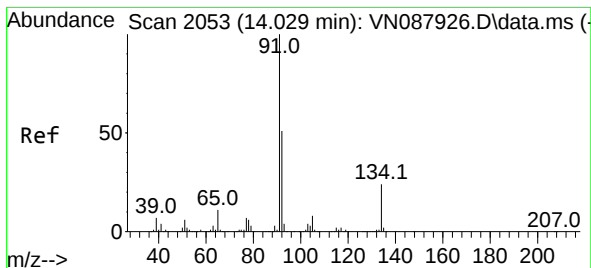
Tgt Ion	Ratio	Lower	Upper
119	100		
134	23.7	13.1	39.3
91	29.6	11.9	35.5



#88
1,4-Dichlorobenzene
Concen: 0.286 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN088018.D
Acq: 03 Oct 2025 13:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.5	61.5#
148	47.6	32.8	98.4





#89

n-Butylbenzene

Concen: 0.296 ug/l

RT: 14.029 min Scan# 2053

Delta R.T. 0.000 min

Lab File: VN088018.D

Acq: 03 Oct 2025 13:01

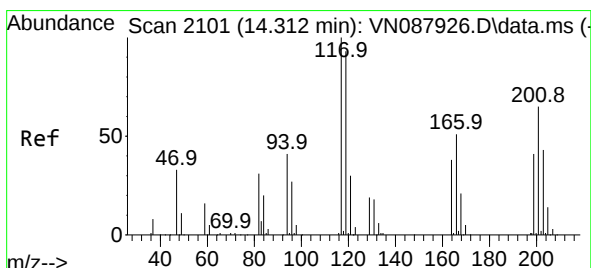
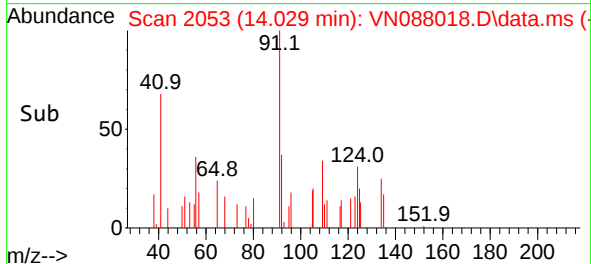
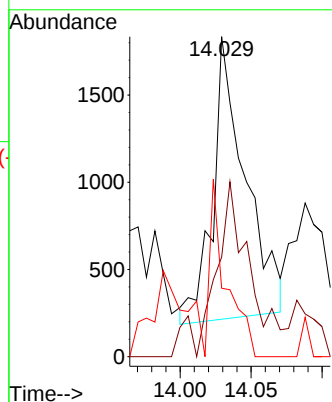
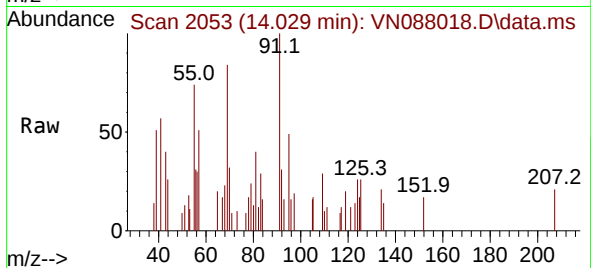
Instrument :

MSVOA_N

ClientSampleId :

R7

Tgt Ion: 91	Resp:	2576
Ion Ratio	Lower	Upper
91	100	
92	61.3	25.9 77.8
134	35.8	12.6 37.8



#90

Hexachloroethane

Concen: 0.318 ug/l

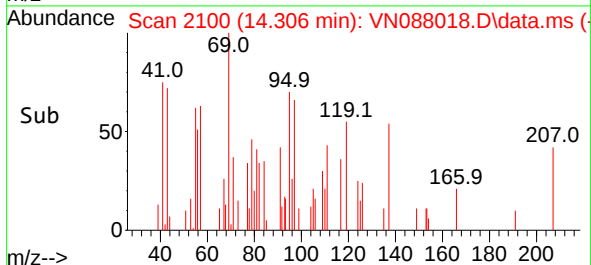
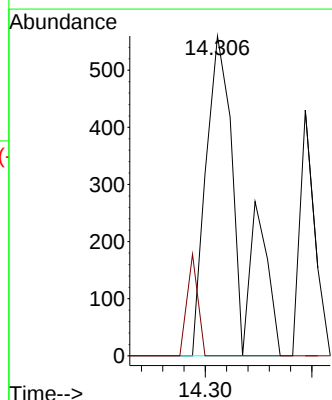
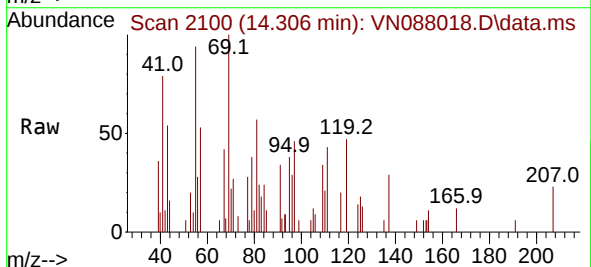
RT: 14.306 min Scan# 2100

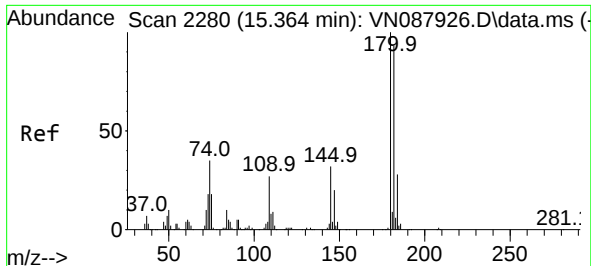
Delta R.T. -0.006 min

Lab File: VN088018.D

Acq: 03 Oct 2025 13:01

Tgt Ion: 117	Resp:	612
Ion Ratio	Lower	Upper
117	100	
201	10.3	33.6 100.6

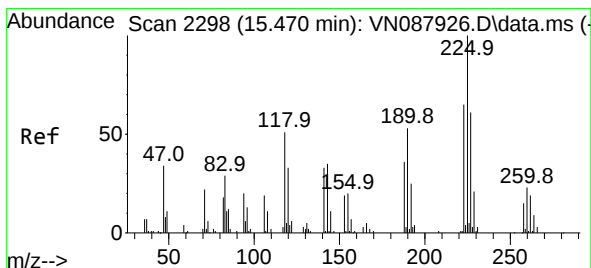
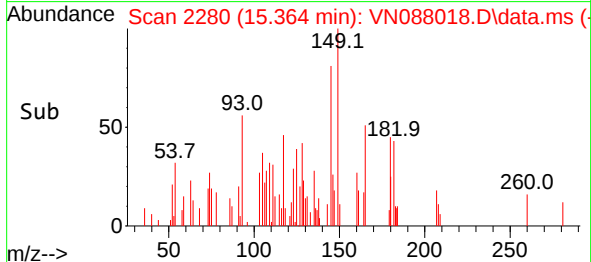
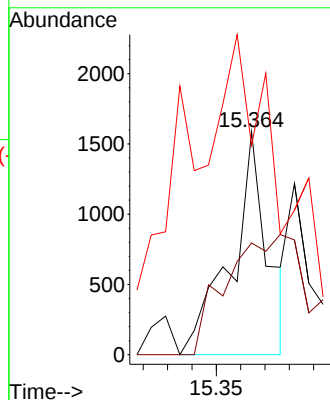
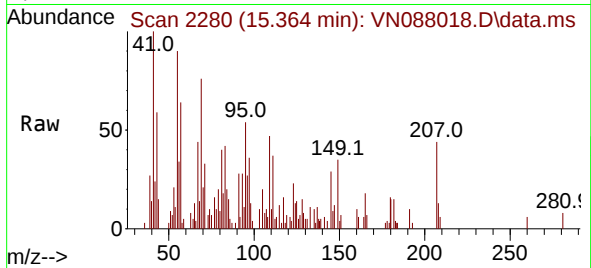




#93
1,2,4-Trichlorobenzene
Concen: 0.546 ug/l
RT: 15.364 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN088018.D
Acq: 03 Oct 2025 13:01

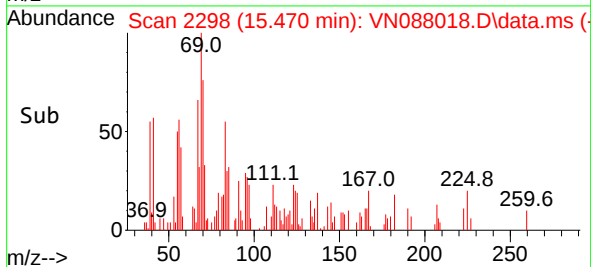
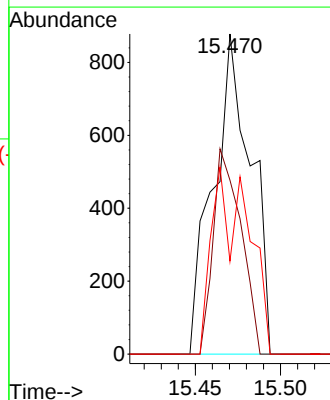
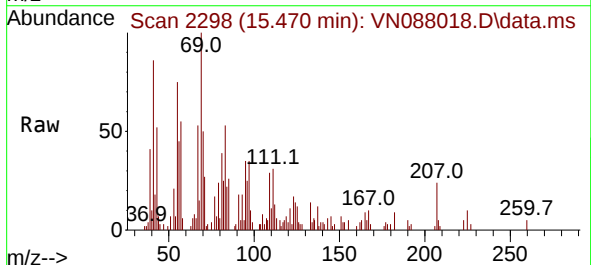
Instrument :
MSVOA_N
ClientSampleId :
R7

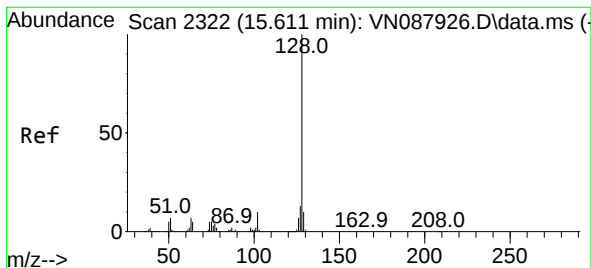
Tgt Ion:180 Resp: 1637
Ion Ratio Lower Upper
180 100
182 124.5 48.5 145.5
145 285.3 15.9 47.6#



#94
Hexachlorobutadiene
Concen: 1.222 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VN088018.D
Acq: 03 Oct 2025 13:01

Tgt Ion:225 Resp: 1348
Ion Ratio Lower Upper
225 100
223 47.5 31.8 95.4
227 28.3 31.9 95.9#





#95

Naphthalene

Concen: 9.132 ug/l

RT: 15.617 min Scan# 2322

Delta R.T. 0.006 min

Lab File: VN088018.D

Acq: 03 Oct 2025 13:01

Instrument :

MSVOA_N

ClientSampleId :

R7

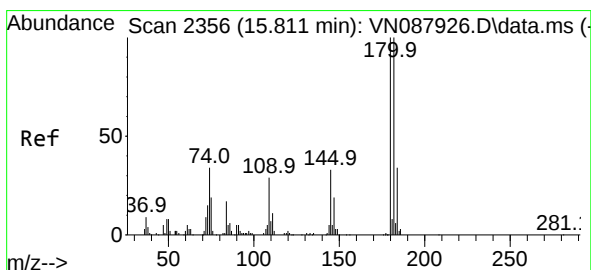
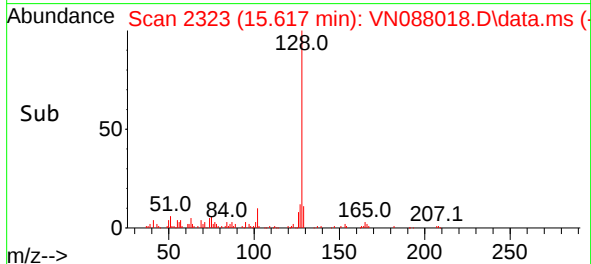
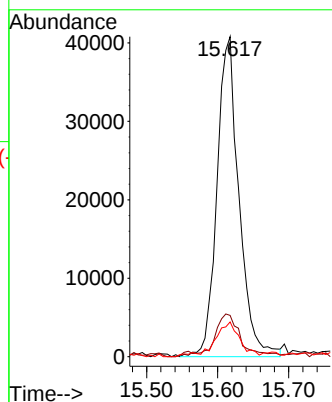
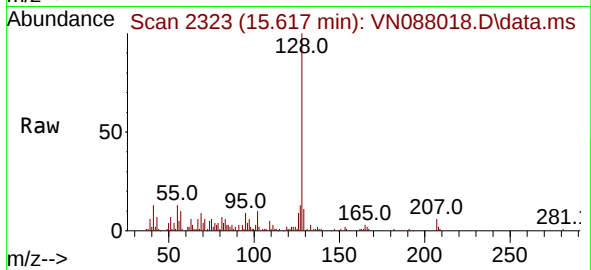
Tgt Ion:128 Resp: 87844

Ion Ratio Lower Upper

128 100

127 14.4 10.2 15.4

129 12.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 0.343 ug/l

RT: 15.806 min Scan# 2355

Delta R.T. -0.006 min

Lab File: VN088018.D

Acq: 03 Oct 2025 13:01

Tgt Ion:180 Resp: 998

Ion Ratio Lower Upper

180 100

182 206.7 47.3 142.0#

145 930.1 16.1 48.3#

