

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092425\
 Data File : VN087934.D
 Acq On : 24 Sep 2025 09:26
 Operator : JC\MD
 Sample : VN0924MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924MBL01

Quant Time: Sep 25 03:05:14 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	212759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	457003	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	435526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	206267	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	195754	54.671	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.340%	
35) Dibromofluoromethane	8.147	113	164681	49.631	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.260%	
50) Toluene-d8	10.541	98	569525	48.809	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.620%	
62) 4-Bromofluorobenzene	12.829	95	195481	46.868	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 93.740%	

Target Compounds				Qvalue		
3) Chloromethane	2.383	50	591	0.234	ug/l	91
5) Bromomethane	3.006	94	1173	0.735	ug/l #	7
10) Methyl Iodide	4.600	142	1194	0.599	ug/l #	86
12) 1,1-Dichloroethene	4.347	96	622	0.278	ug/l #	45
13) Acrolein	4.177	56	834	1.260	ug/l #	51
15) Acrylonitrile	5.706	53	850	0.525	ug/l #	80
16) Acetone	4.430	43	2167	1.471	ug/l	96
17) Carbon Disulfide	4.712	76	5231	0.749	ug/l #	76
18) Methyl Acetate	5.012	43	936	0.254	ug/l #	51
20) Methylene Chloride	5.259	84	1215	0.407	ug/l #	70
21) trans-1,2-Dichloroethene	5.771	96	832	0.304	ug/l #	64
23) Vinyl Acetate	6.588	43	1500	0.210	ug/l #	72
25) 2-Butanone	7.477	43	942	0.418	ug/l #	89
29) Tetrahydrofuran	7.824	42	526	0.365	ug/l #	57
31) Cyclohexane	8.206	56	5899	1.469	ug/l #	32
36) 1,1-Dichloropropene	8.212	75	18344	4.598	ug/l #	50
38) Carbon Tetrachloride	8.212	117	23858	5.211	ug/l #	19
39) Methylcyclohexane	9.582	83	1444	0.328	ug/l #	83
42) 1,2-Dichloroethane	8.659	62	1453	0.295	ug/l #	74
49) 1,4-Dioxane	9.682	88	133	2.357	ug/l #	3
51) 4-Methyl-2-Pentanone	10.435	43	2225	0.432	ug/l #	72
58) 2-Chloroethyl Vinyl ether	10.147	63	901	0.393	ug/l #	84
64) Tetrachloroethene	11.076	164	929	0.350	ug/l #	68
68) m/p-Xylenes	12.053	106	1758	0.297	ug/l	92
76) 1,2,3-Trichloropropane	12.829	75	103522	25.461	ug/l #	1
78) n-propylbenzene	13.023	91	4861	0.304	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.829	75	103522	70.700	ug/l #	9
82) 4-Chlorotoluene	13.200	91	2662	0.271	ug/l	92
83) tert-Butylbenzene	13.417	119	2347	0.251	ug/l	86
84) 1,2,4-Trimethylbenzene	13.464	105	2415	0.213	ug/l	87
85) sec-Butylbenzene	13.600	105	4461	0.325	ug/l	99
86) p-Isopropyltoluene	13.706	119	3691	0.318	ug/l	92
87) 1,3-Dichlorobenzene	13.717	146	2267	0.342	ug/l	79
88) 1,4-Dichlorobenzene	13.717	146	2267	0.332	ug/l	79
89) n-Butylbenzene	14.041	91	4393	0.400	ug/l	96
90) Hexachloroethane	14.323	117	728	0.300	ug/l	66

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Sample : VN0924MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 4 Sample Multiplier: 1

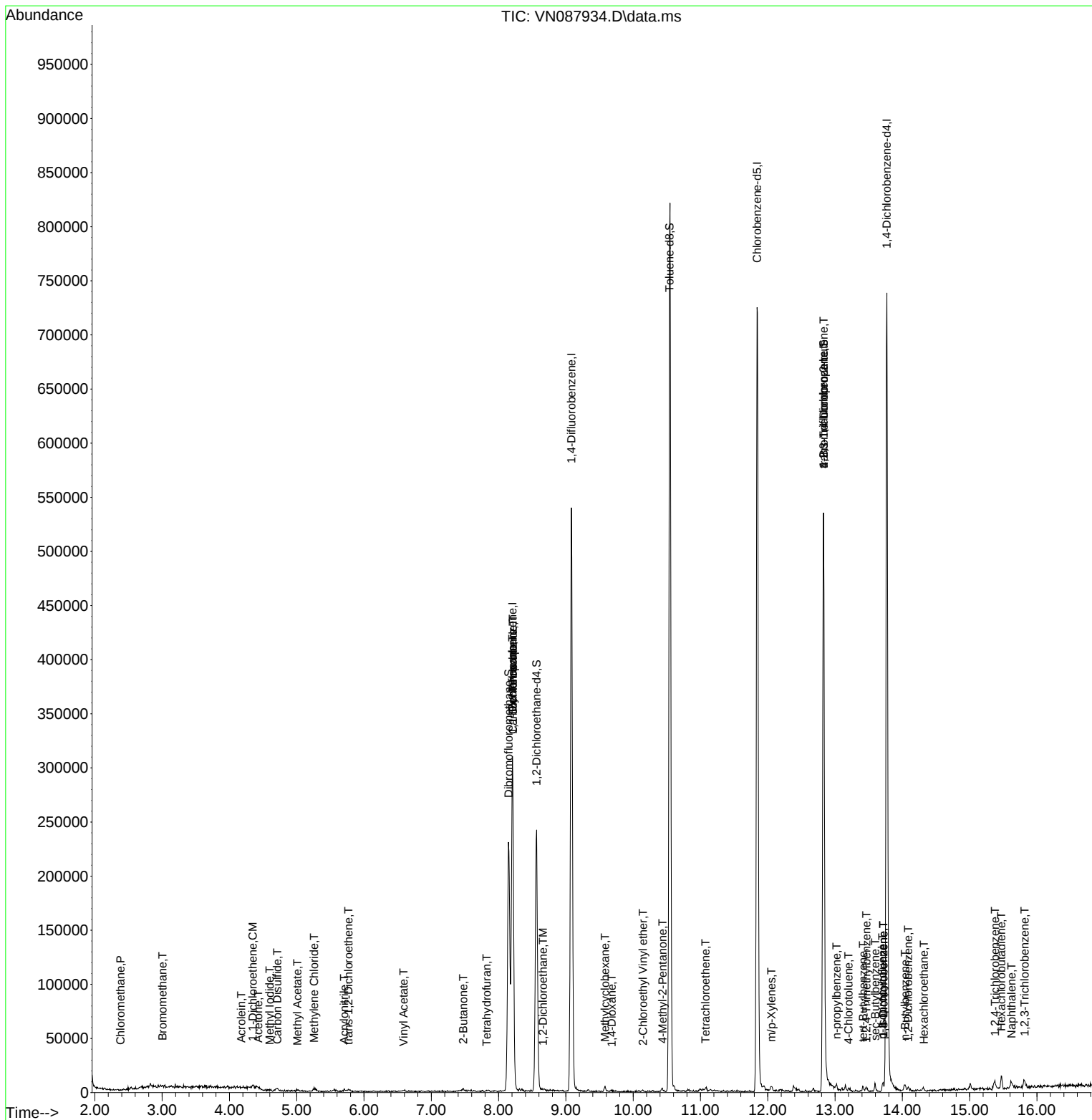
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MSVOA_N
ClientSampleId :
VN0924MBL01

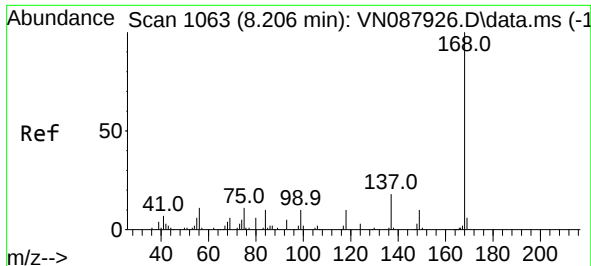
Quant Time: Sep 25 03:05:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	14.088	146	1522	0.238	ug/l	86
93) 1,2,4-Trichlorobenzene	15.376	180	2654	0.703	ug/l	85
94) Hexachlorobutadiene	15.470	225	2068	1.487	ug/l	91
95) Naphthalene	15.623	128	5754	0.475	ug/l #	85
96) 1,2,3-Trichlorobenzene	15.817	180	2312	0.630	ug/l	73

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

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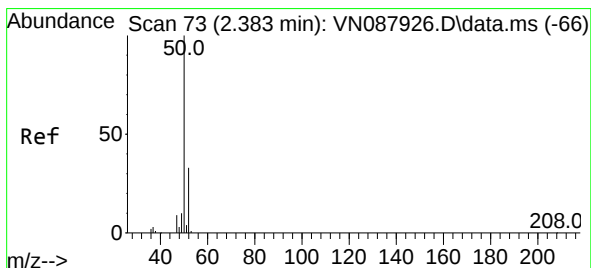
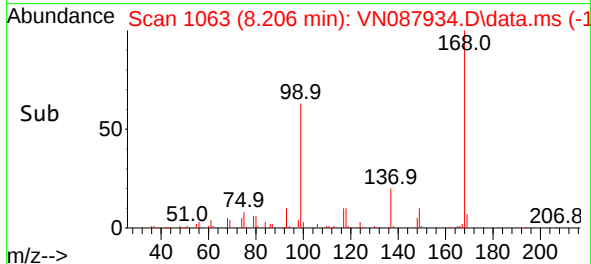
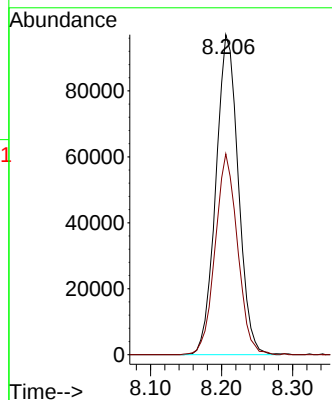
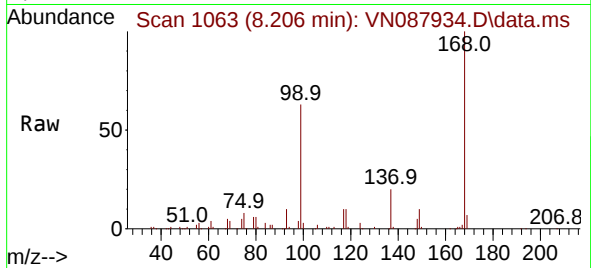




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087934.D
Acq: 24 Sep 2025 09:26

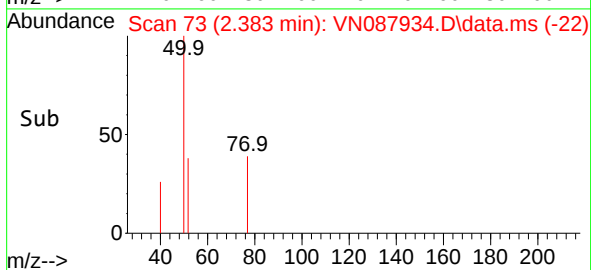
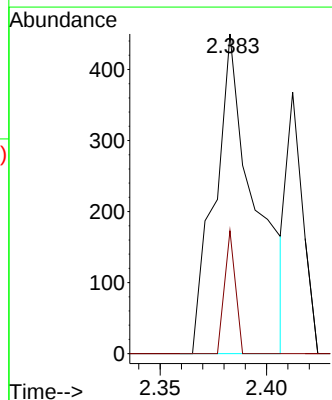
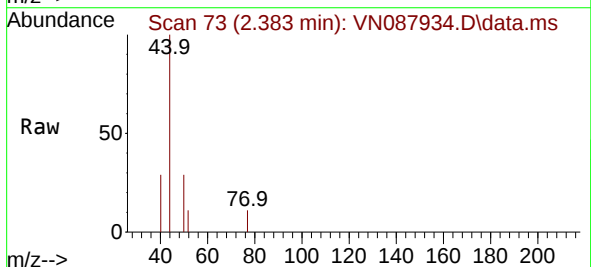
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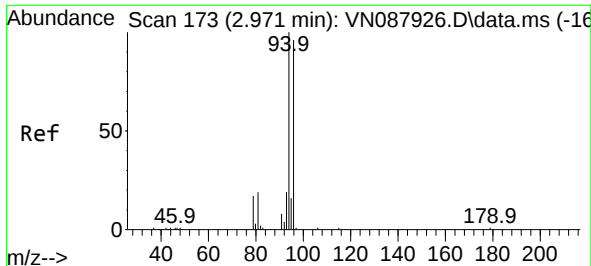
Tgt Ion:168 Resp: 212759
Ion Ratio Lower Upper
168 100
99 62.7 52.2 78.2



#3
Chloromethane
Concen: 0.234 ug/l
RT: 2.383 min Scan# 73
Delta R.T. -0.000 min
Lab File: VN087934.D
Acq: 24 Sep 2025 09:26

Tgt Ion: 50 Resp: 591
Ion Ratio Lower Upper
50 100
52 38.4 26.6 40.0

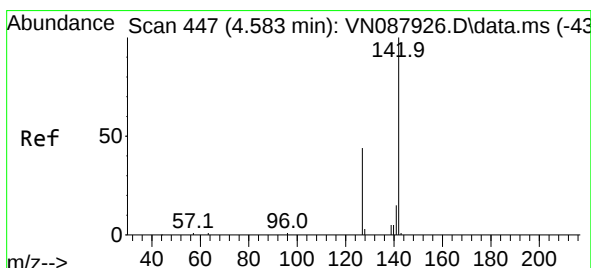
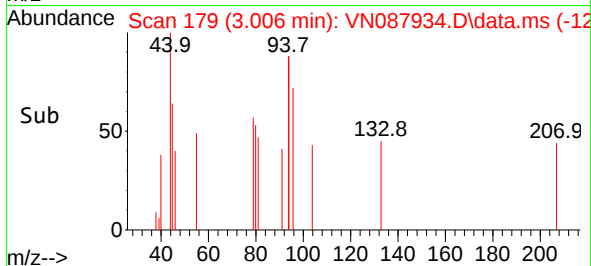
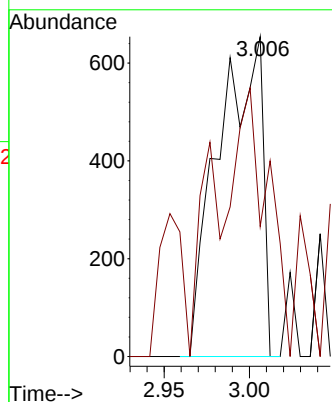
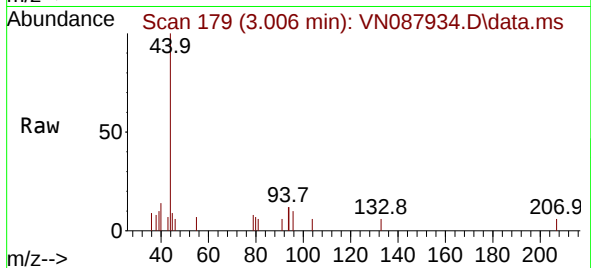




#5
Bromomethane
Concen: 0.735 ug/l
RT: 3.006 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN087934.D
Acq: 24 Sep 2025 09:26

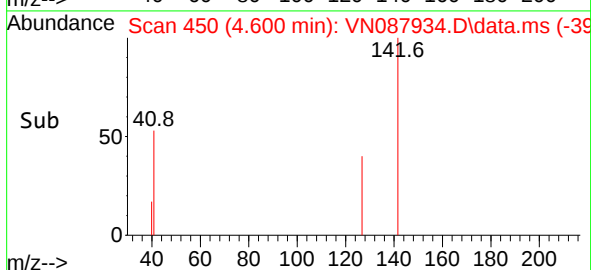
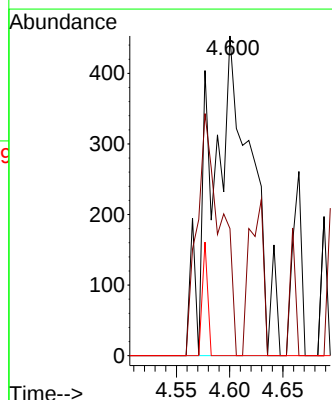
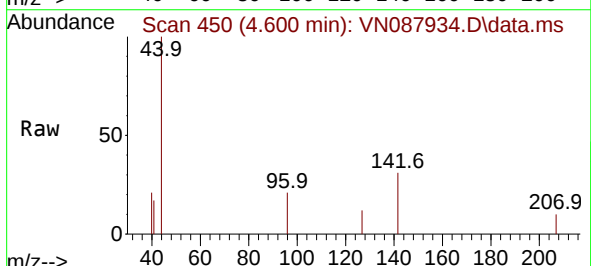
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MSVOA_N
ClientSampleId :
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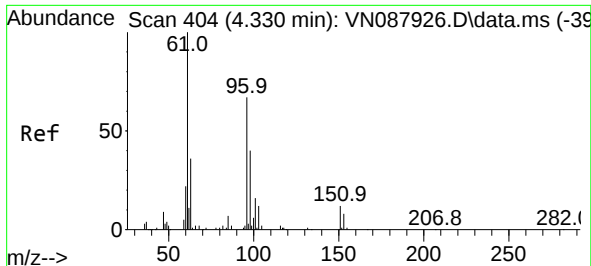
Tgt Ion: 94 Resp: 1173
Ion Ratio Lower Upper
94 100
96 5.4 76.8 115.2#



#10
Methyl Iodide
Concen: 0.599 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.018 min
Lab File: VN087934.D
Acq: 24 Sep 2025 09:26

Tgt Ion: 142 Resp: 1194
Ion Ratio Lower Upper
142 100
127 39.7 35.3 52.9
141 0.0 11.8 17.8#

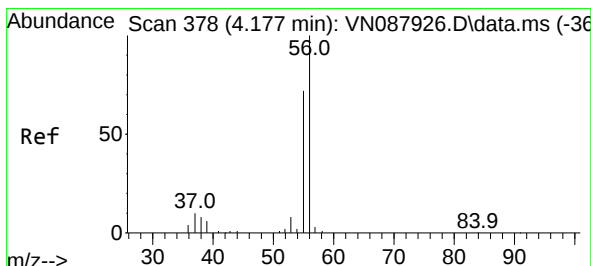
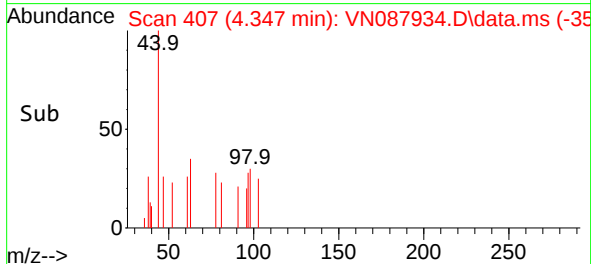
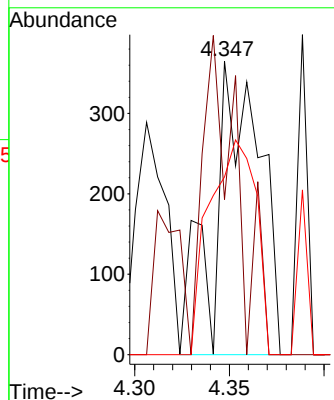
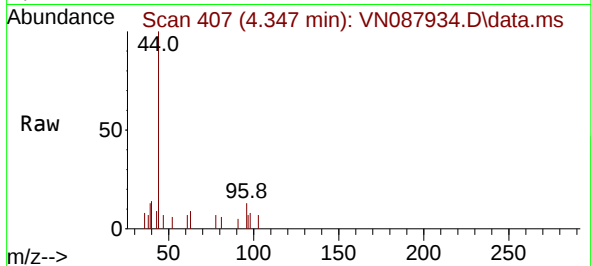




#12
1,1-Dichloroethene
Concen: 0.278 ug/l
RT: 4.347 min Scan# 404
Delta R.T. 0.018 min
Lab File: VN087934.D
Acq: 24 Sep 2025 09:26

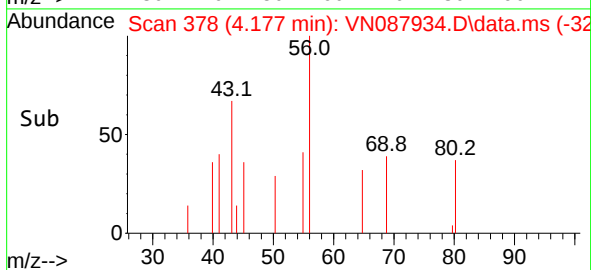
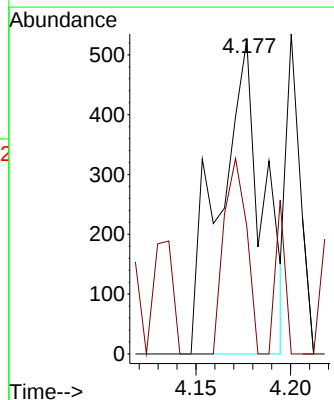
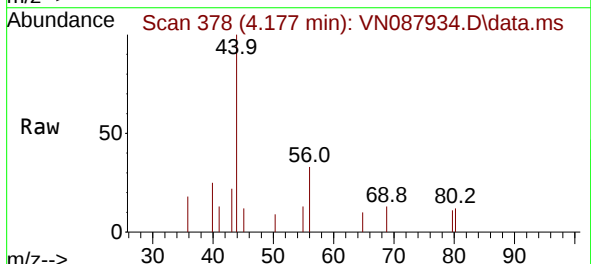
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ClientSampleId :
VN0924MBL01

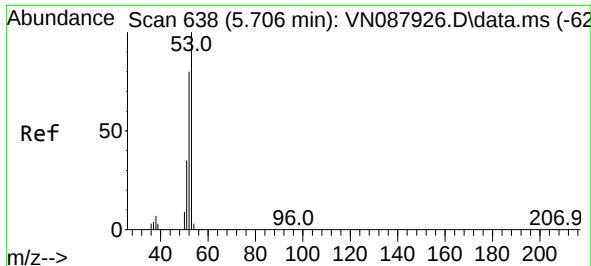
Tgt Ion: 96 Resp: 622
Ion Ratio Lower Upper
96 100
61 52.9 119.2 178.8#
98 60.5 47.5 71.3



#13
Acrolein
Concen: 1.260 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN087934.D
Acq: 24 Sep 2025 09:26

Tgt Ion: 56 Resp: 834
Ion Ratio Lower Upper
56 100
55 32.7 59.3 88.9#

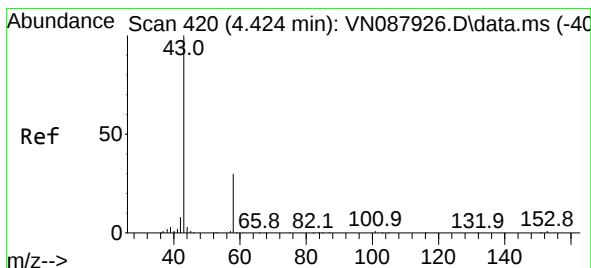
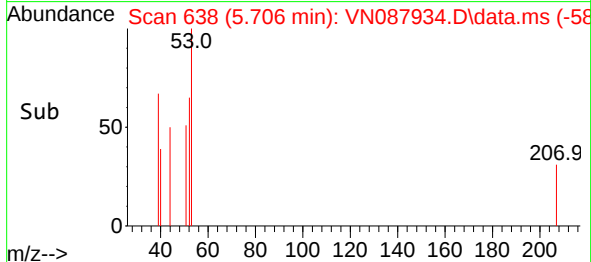
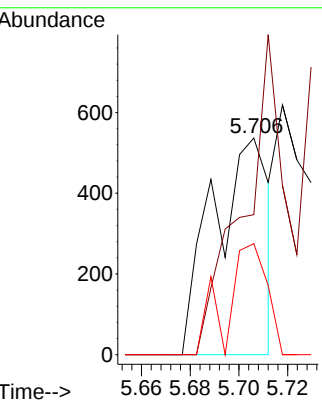
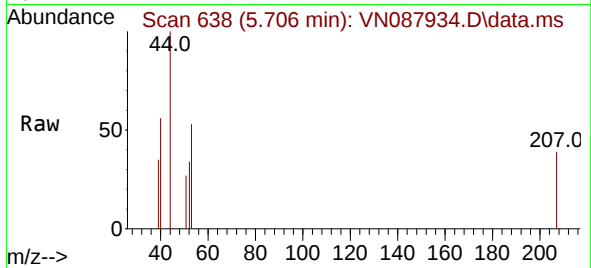




#15
Acrylonitrile
Concen: 0.525 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087934.D
Acq: 24 Sep 2025 09:26

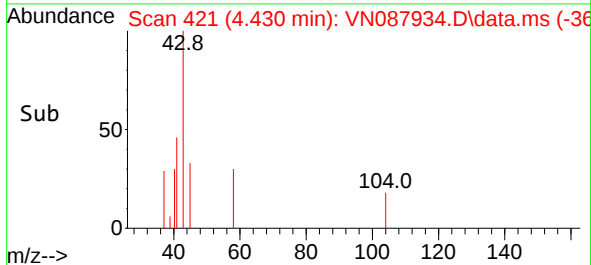
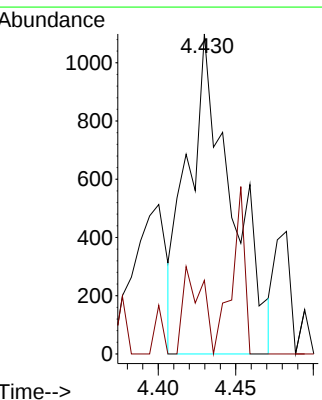
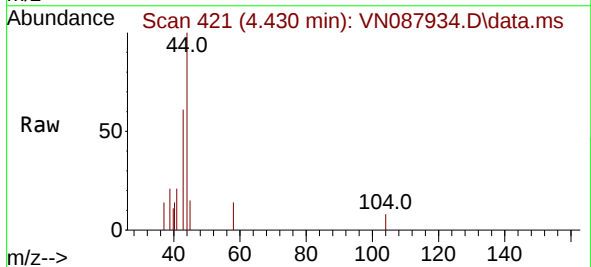
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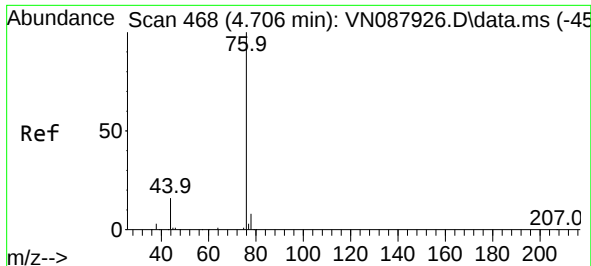
Tgt Ion: 53 Resp: 850
Ion Ratio Lower Upper
53 100
52 108.9 66.6 99.8#
51 37.3 29.0 43.4



#16
Acetone
Concen: 1.471 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN087934.D
Acq: 24 Sep 2025 09:26

Tgt Ion: 43 Resp: 2167
Ion Ratio Lower Upper
43 100
58 27.9 24.1 36.1

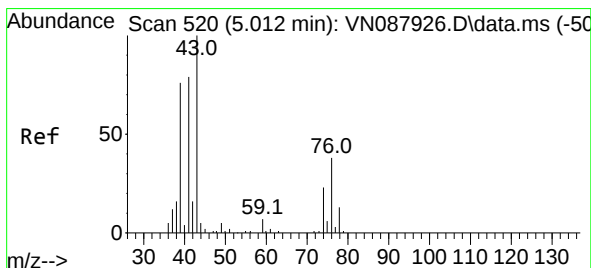
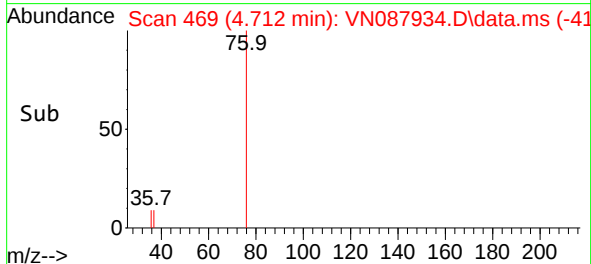
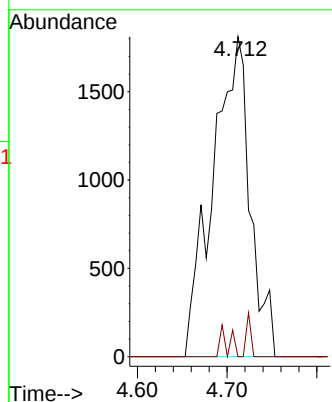
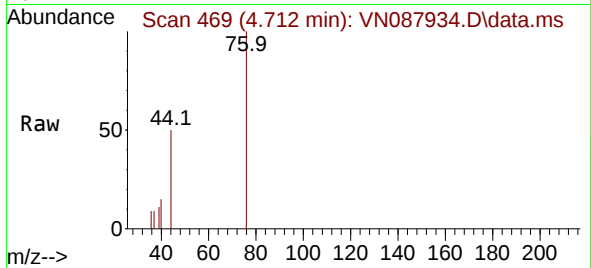




#17
Carbon Disulfide
Concen: 0.749 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087934.D
Acq: 24 Sep 2025 09:26

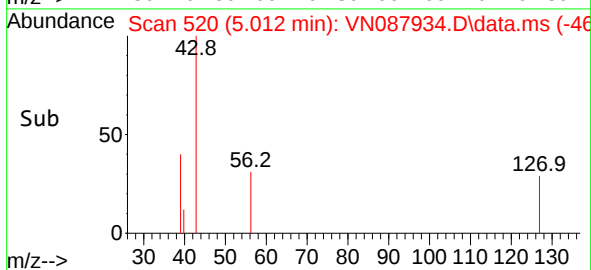
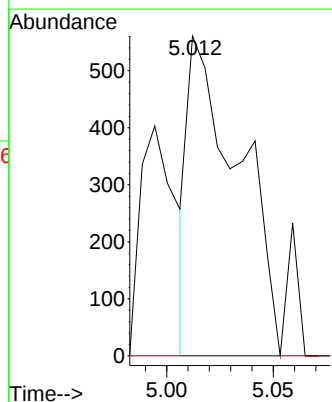
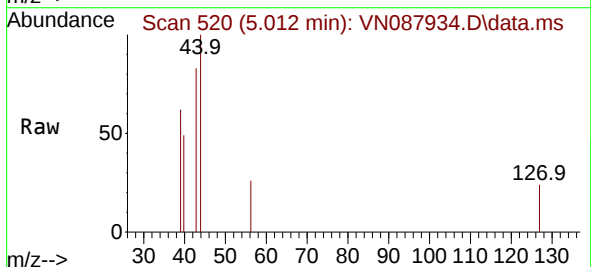
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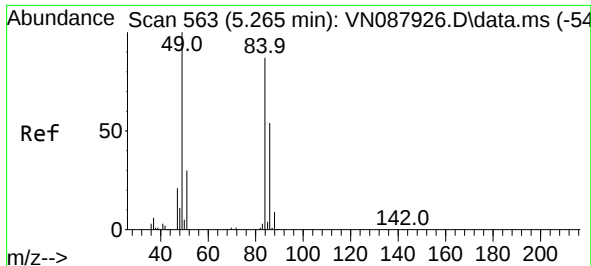
Tgt Ion: 76 Resp: 5231
Ion Ratio Lower Upper
76 100
78 0.0 6.7 10.1#



#18
Methyl Acetate
Concen: 0.254 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.000 min
Lab File: VN087934.D
Acq: 24 Sep 2025 09:26

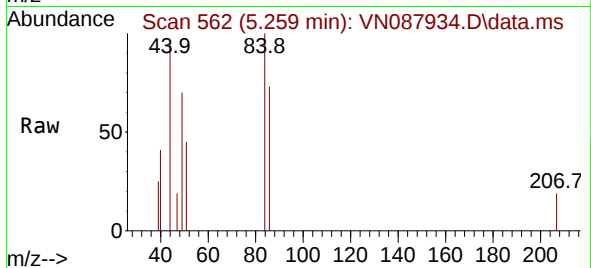
Tgt Ion: 43 Resp: 936
Ion Ratio Lower Upper
43 100
74 0.0 19.7 29.5#



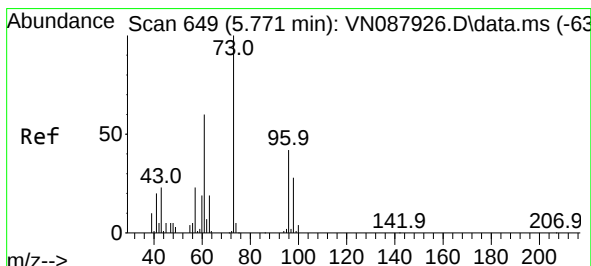
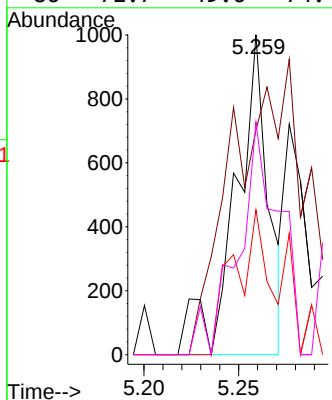
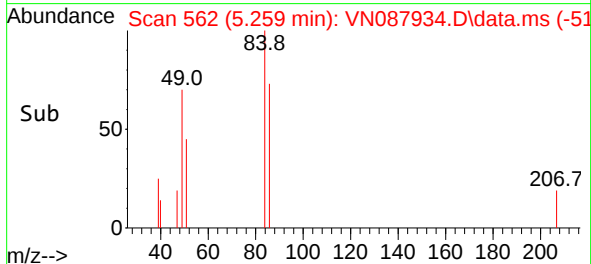


#20
Methylene Chloride
Concen: 0.407 ug/l
RT: 5.259 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN087934.D
Acq: 24 Sep 2025 09:26

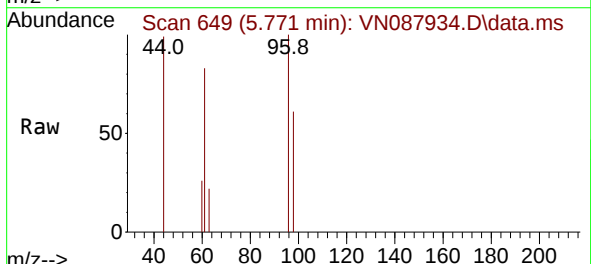
Instrument :
MSVOA_N
ClientSampleId :
VN0924MBL01



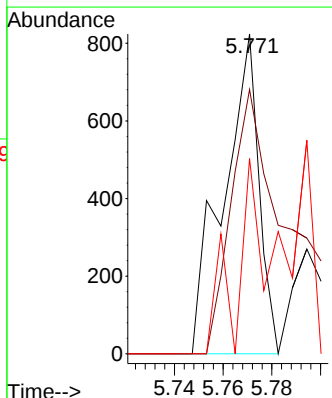
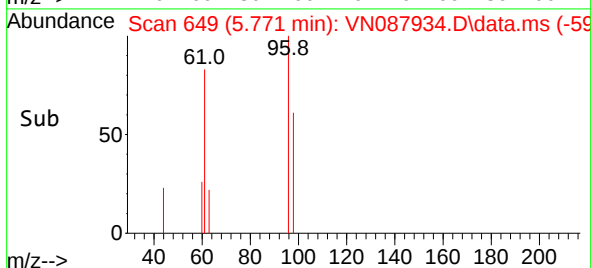
Tgt Ion:	84	Resp:	1215
Ion	Ratio	Lower	Upper
84	100		
49	70.1	92.1	138.1#
51	45.3	27.7	41.5#
86	72.7	49.6	74.4

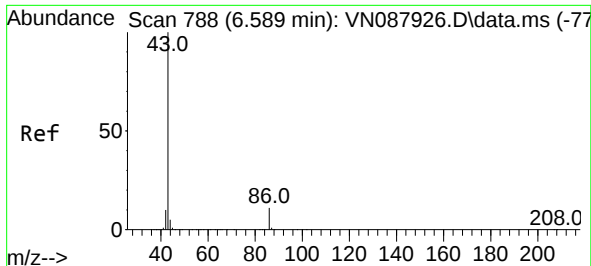


#21
trans-1,2-Dichloroethene
Concen: 0.304 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.000 min
Lab File: VN087934.D
Acq: 24 Sep 2025 09:26



Tgt Ion:	96	Resp:	832
Ion	Ratio	Lower	Upper
96	100		
61	82.6	114.4	171.6#
98	61.0	53.6	80.4

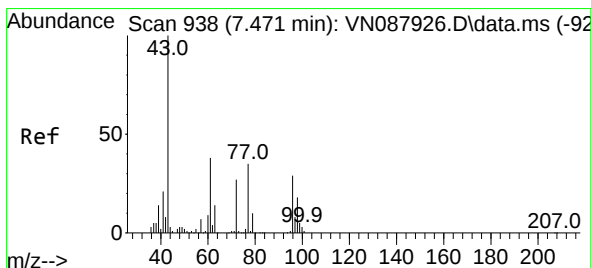
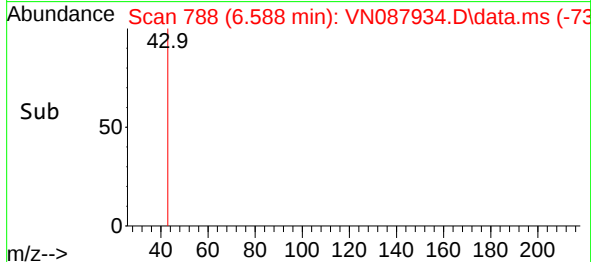
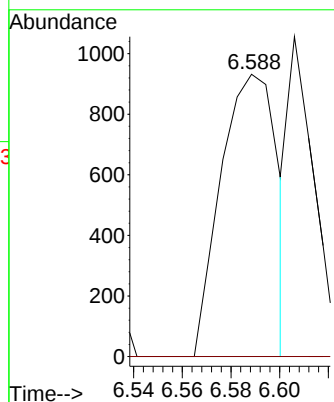
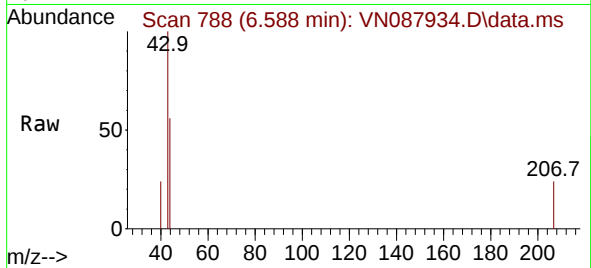




#23
 Vinyl Acetate
 Concen: 0.210 ug/l
 RT: 6.588 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VN087934.D
 Acq: 24 Sep 2025 09:26

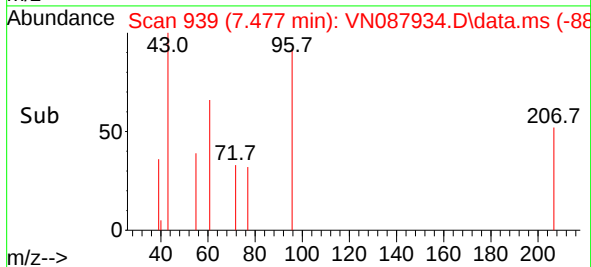
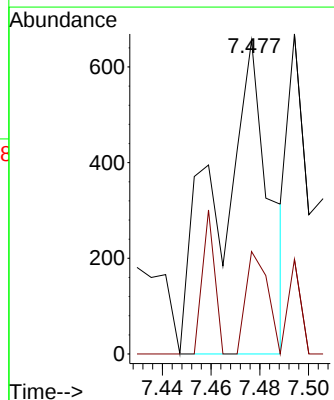
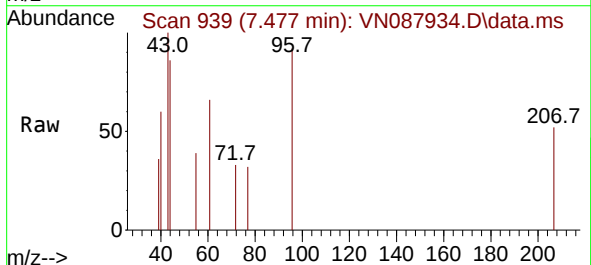
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924MBL01

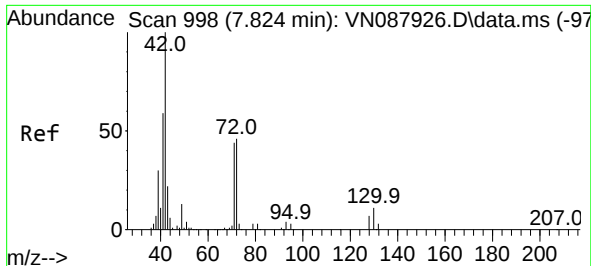
Tgt Ion: 43 Resp: 1500
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.6 12.8#



#25
 2-Butanone
 Concen: 0.418 ug/l
 RT: 7.477 min Scan# 939
 Delta R.T. 0.006 min
 Lab File: VN087934.D
 Acq: 24 Sep 2025 09:26

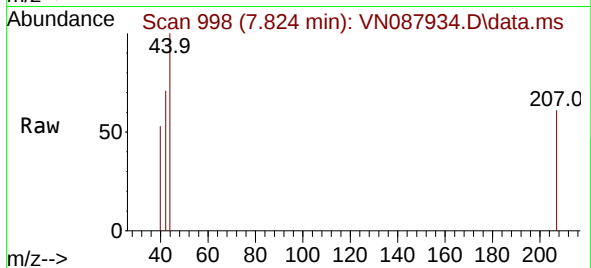
Tgt Ion: 43 Resp: 942
 Ion Ratio Lower Upper
 43 100
 72 32.6 21.5 32.3#



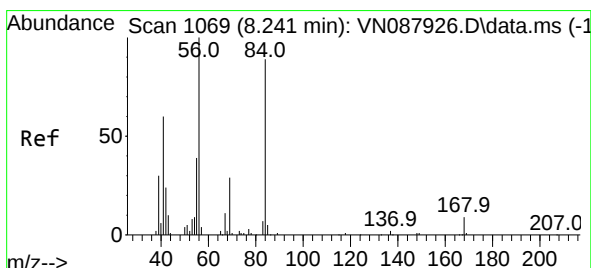
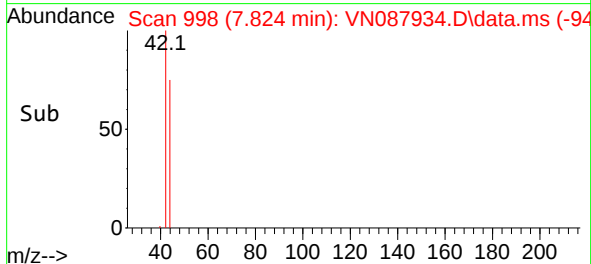
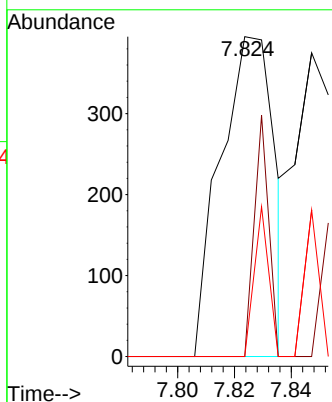


#29
Tetrahydrofuran
Concen: 0.365 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN087934.D
Acq: 24 Sep 2025 09:26

Instrument :
MSVOA_N
ClientSampleId :
VN0924MBL01

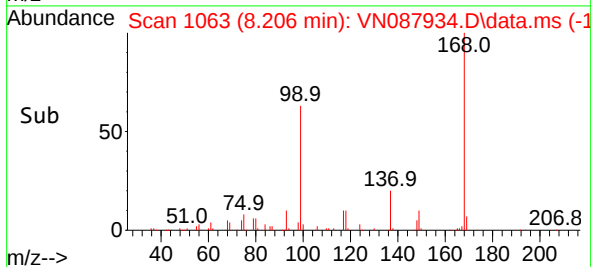
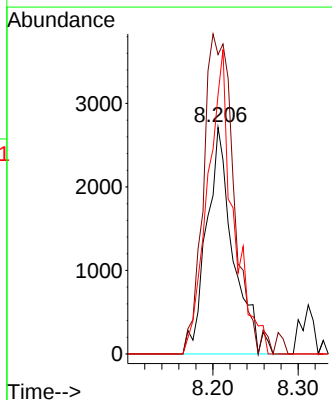
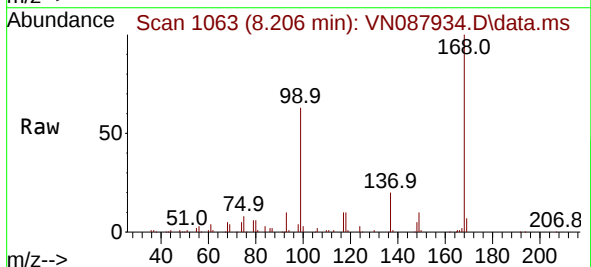


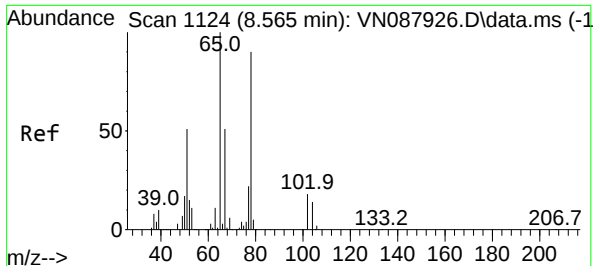
Tgt Ion: 42 Resp: 526
Ion Ratio Lower Upper
42 100
72 20.0 36.5 54.7#
71 12.4 33.8 50.8#



#31
Cyclohexane
Concen: 1.469 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.035 min
Lab File: VN087934.D
Acq: 24 Sep 2025 09:26

Tgt Ion: 56 Resp: 5899
Ion Ratio Lower Upper
56 100
69 132.1 23.4 35.0#
84 114.3 70.8 106.2#

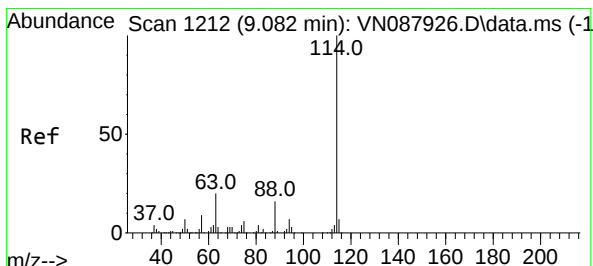
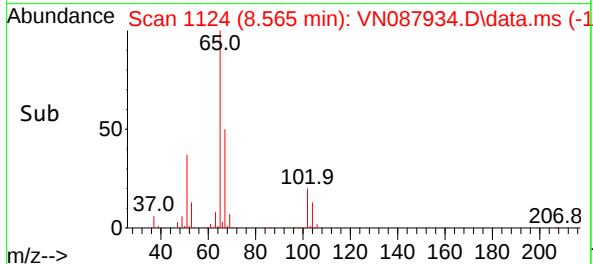
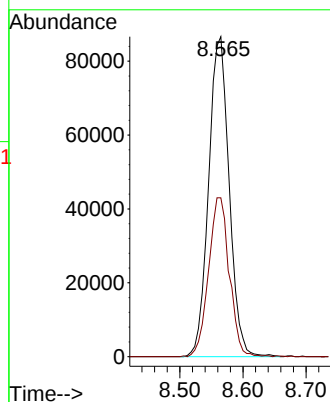
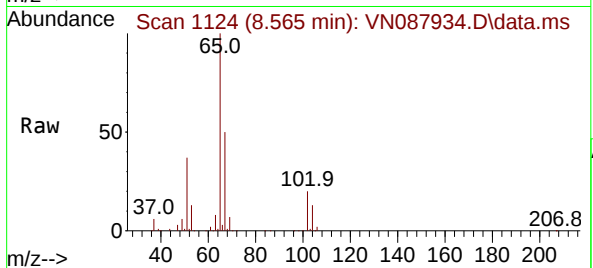




#33
 1,2-Dichloroethane-d4
 Concen: 54.671 ug/l
 RT: 8.565 min Scan# 1124
 Delta R.T. -0.000 min
 Lab File: VN087934.D
 Acq: 24 Sep 2025 09:26

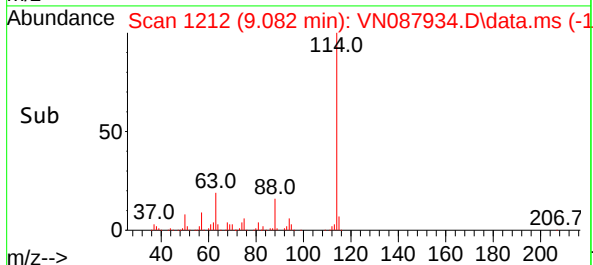
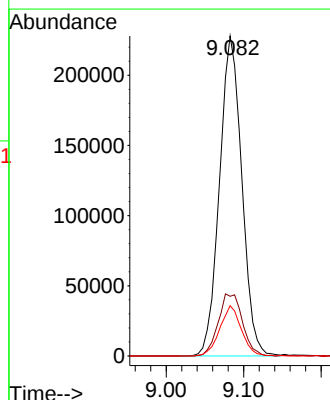
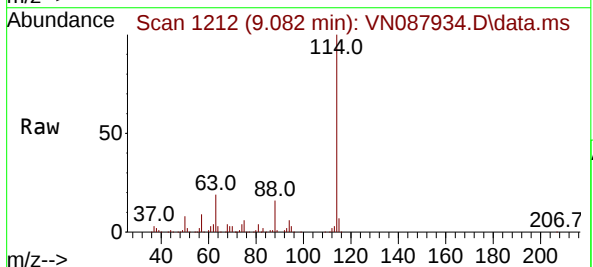
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924MBL01

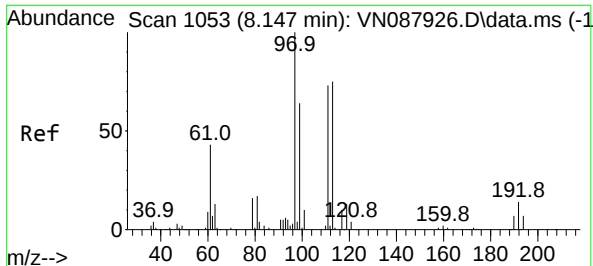
Tgt Ion: 65 Resp: 195754
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.082 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: VN087934.D
 Acq: 24 Sep 2025 09:26

Tgt Ion: 114 Resp: 457003
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 40.0
 88 15.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 49.631 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VN087934.D

Acq: 24 Sep 2025 09:26

Instrument :

MSVOA_N

ClientSampleId :

VN0924MBL01

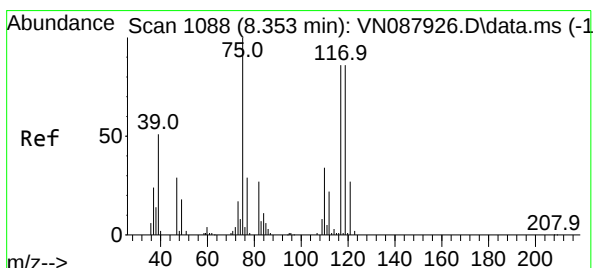
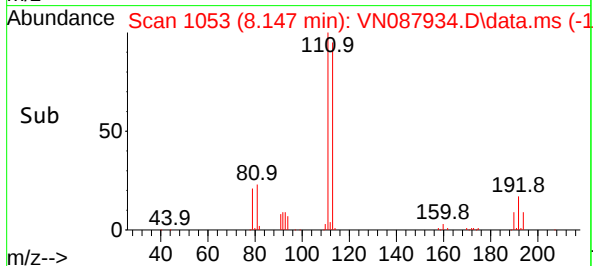
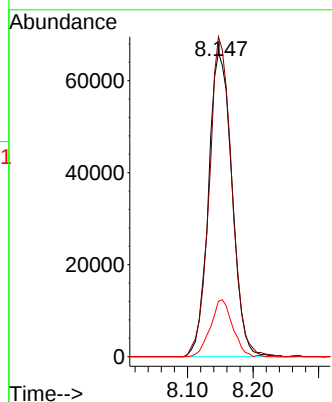
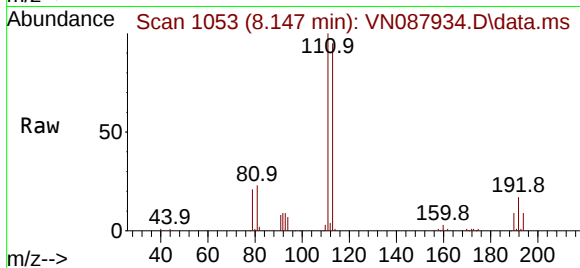
Tgt Ion:113 Resp: 164681

Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.2

192 17.7 14.2 21.2



#36

1,1-Dichloropropene

Concen: 4.598 ug/l

RT: 8.212 min Scan# 1064

Delta R.T. -0.141 min

Lab File: VN087934.D

Acq: 24 Sep 2025 09:26

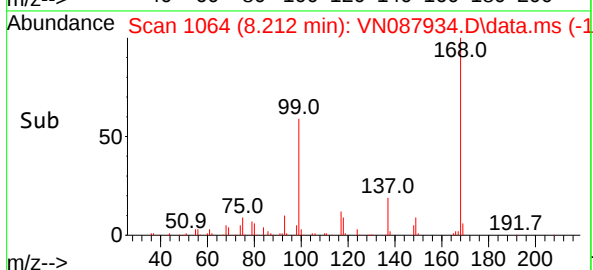
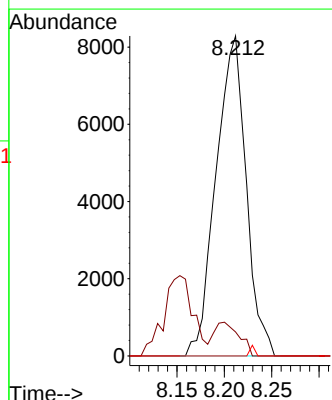
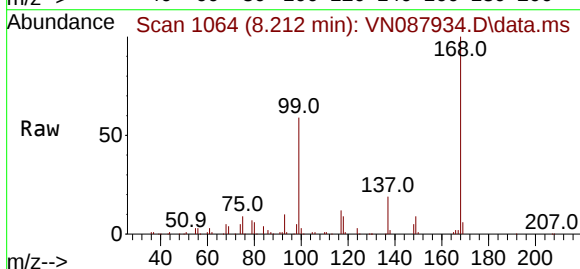
Tgt Ion: 75 Resp: 18344

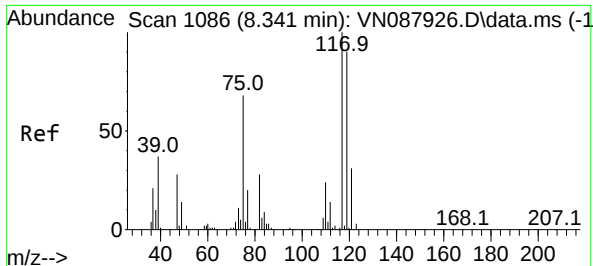
Ion Ratio Lower Upper

75 100

110 8.7 17.1 51.3#

77 0.0 24.8 37.2#

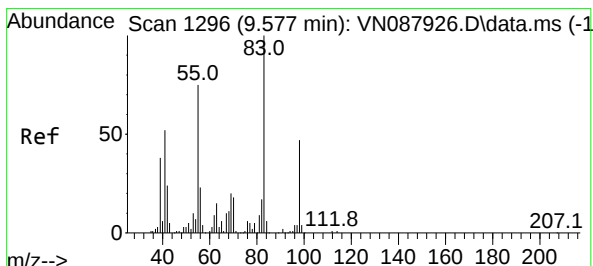
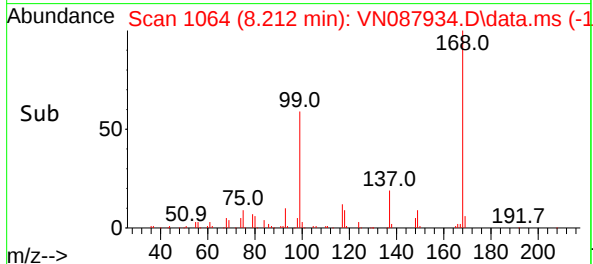
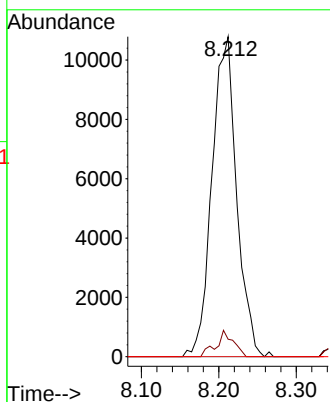
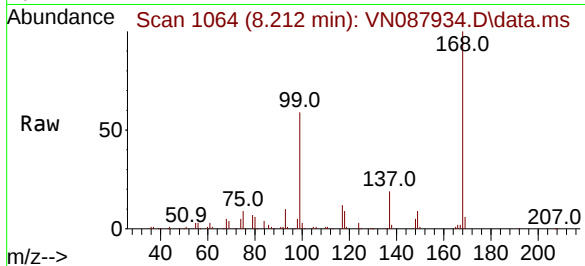




#38
Carbon Tetrachloride
Concen: 5.211 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.130 min
Lab File: VN087934.D
Acq: 24 Sep 2025 09:26

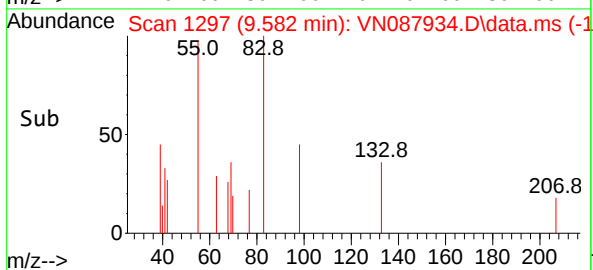
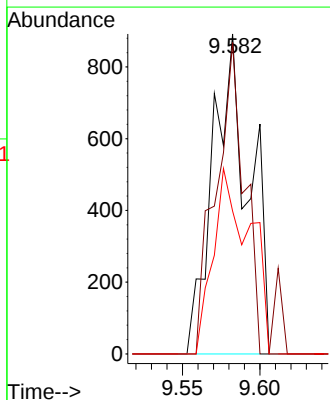
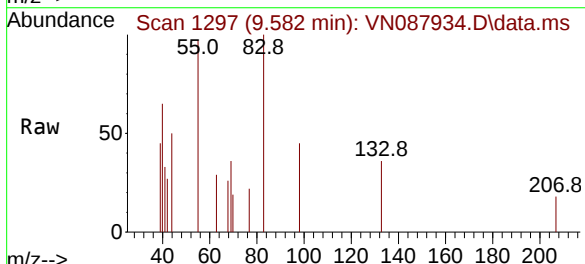
Instrument :
MSVOA_N
ClientSampleId :
VN0924MBL01

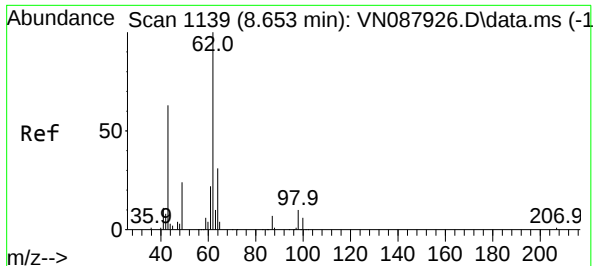
Tgt Ion: 117 Resp: 23858
Ion Ratio Lower Upper
117 100
119 5.4 72.1 108.1#
121 0.0 24.6 36.8#



#39
Methylcyclohexane
Concen: 0.328 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. 0.006 min
Lab File: VN087934.D
Acq: 24 Sep 2025 09:26

Tgt Ion: 83 Resp: 1444
Ion Ratio Lower Upper
83 100
55 97.3 59.9 89.9#
98 44.6 37.4 56.2





#42

1,2-Dichloroethane

Concen: 0.295 ug/l

RT: 8.659 min Scan# 1140

Delta R.T. 0.006 min

Lab File: VN087934.D

Acq: 24 Sep 2025 09:26

Instrument :

MSVOA_N

ClientSampleId :

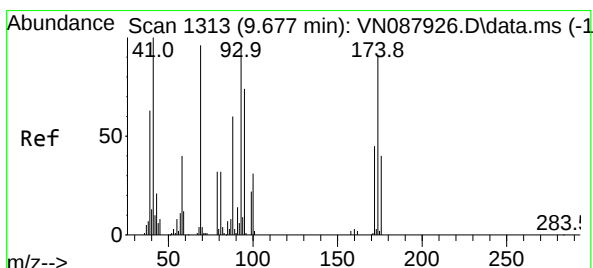
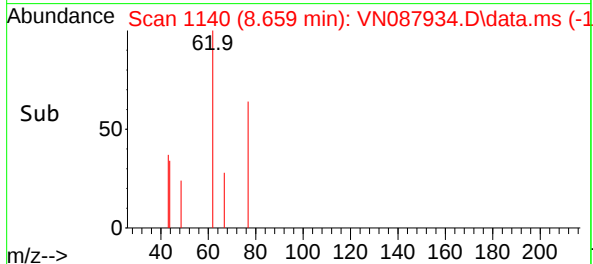
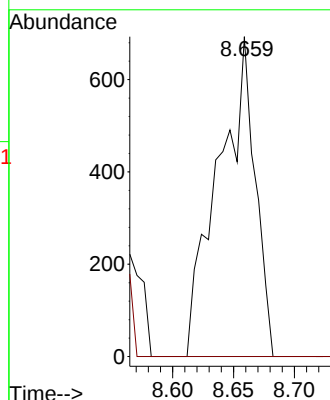
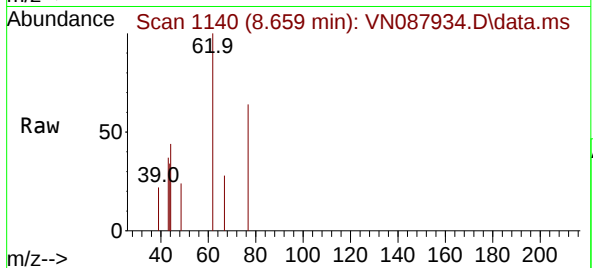
VN0924MBL01

Tgt Ion: 62 Resp: 1453

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.6



#49

1,4-Dioxane

Concen: 2.357 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.006 min

Lab File: VN087934.D

Acq: 24 Sep 2025 09:26

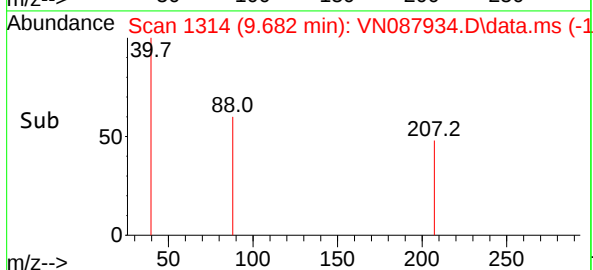
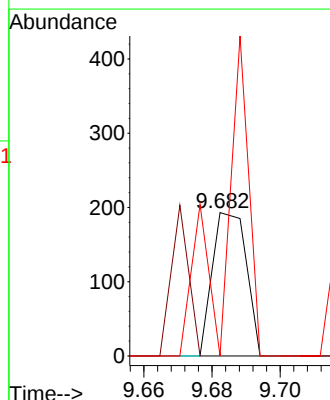
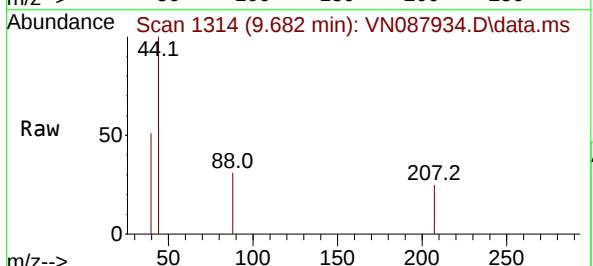
Tgt Ion: 88 Resp: 133

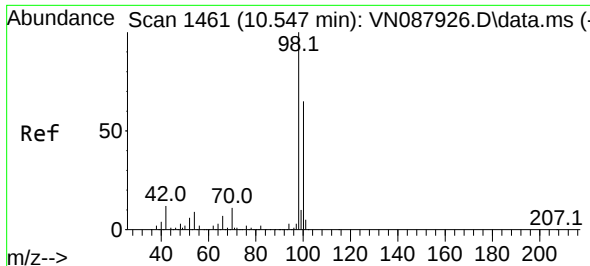
Ion Ratio Lower Upper

88 100

43 54.1 22.6 33.8#

58 168.4 57.4 86.2#

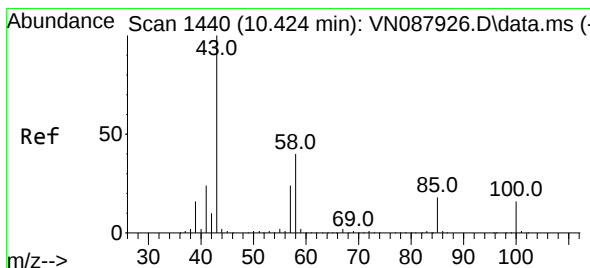
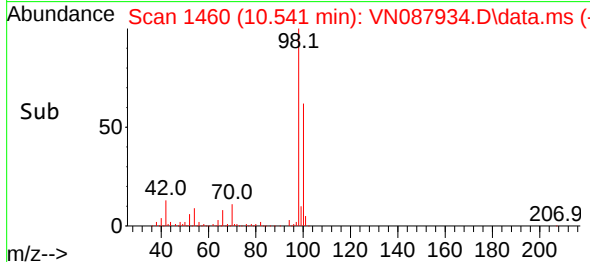
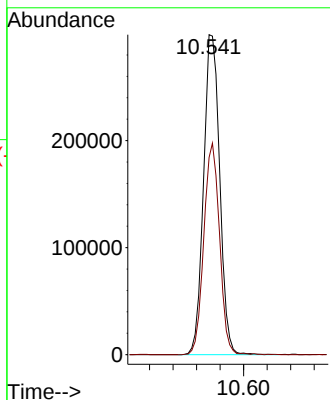
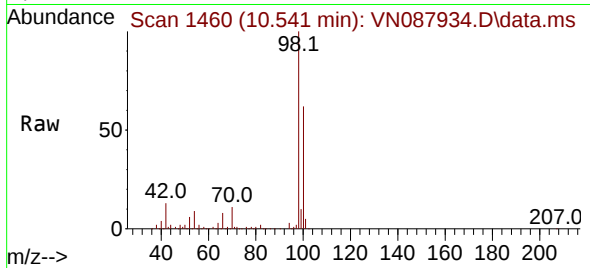




#50
Toluene-d8
Concen: 48.809 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN087934.D
Acq: 24 Sep 2025 09:26

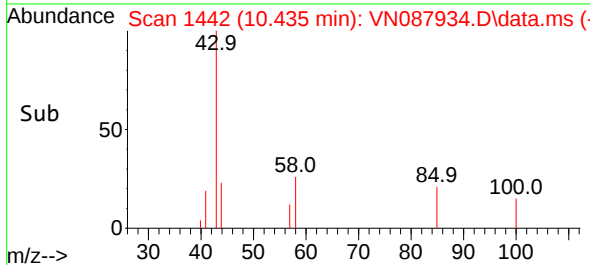
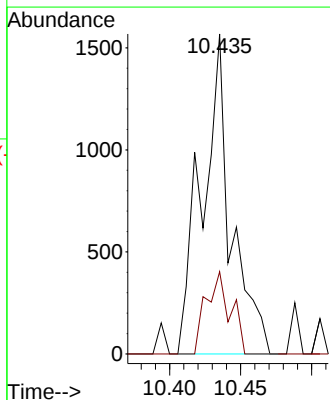
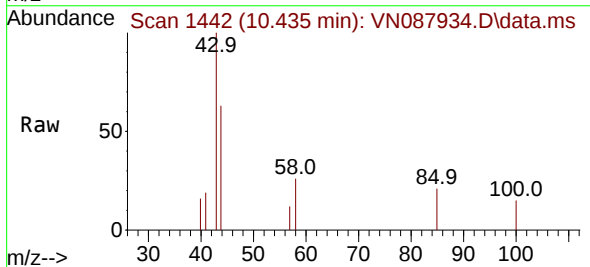
Instrument :
MSVOA_N
ClientSampleId :
VN0924MBL01

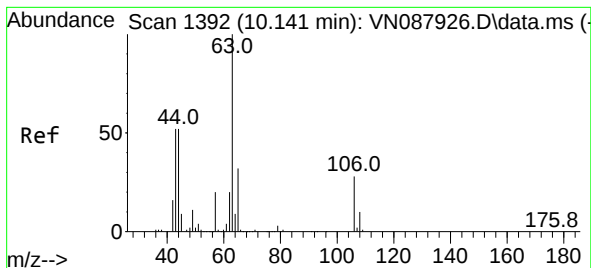
Tgt Ion: 98 Resp: 569525
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.432 ug/l
RT: 10.435 min Scan# 1442
Delta R.T. 0.012 min
Lab File: VN087934.D
Acq: 24 Sep 2025 09:26

Tgt Ion: 43 Resp: 2225
Ion Ratio Lower Upper
43 100
58 21.6 31.0 46.6#

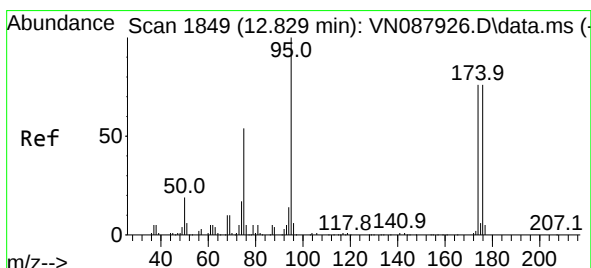
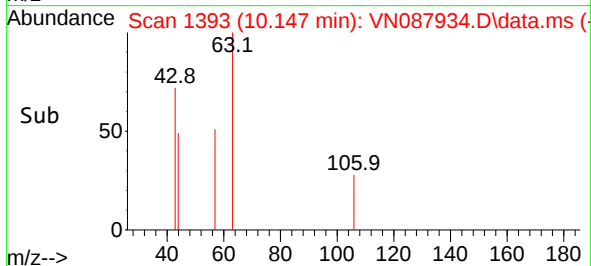
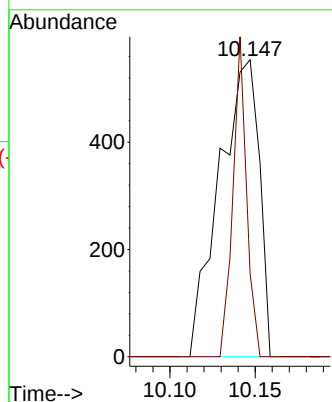
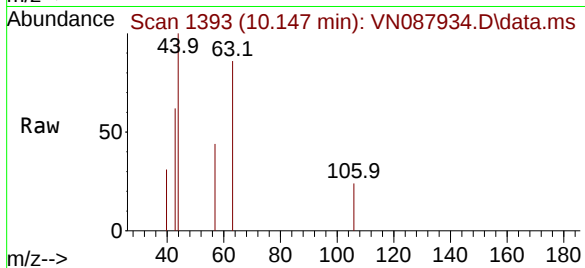




#58
2-Chloroethyl Vinyl ether
Concen: 0.393 ug/l
RT: 10.147 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087934.D
Acq: 24 Sep 2025 09:26

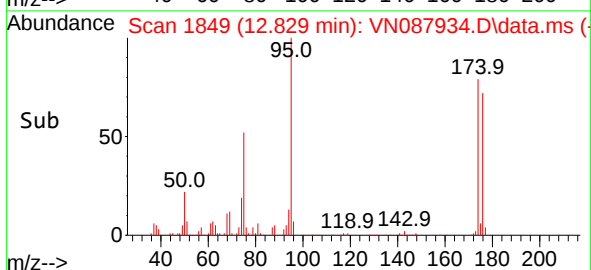
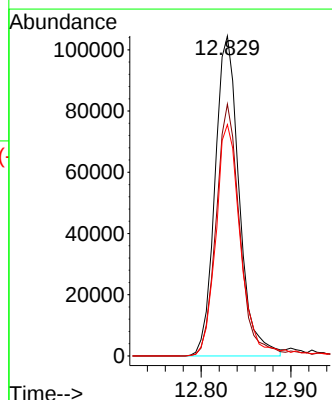
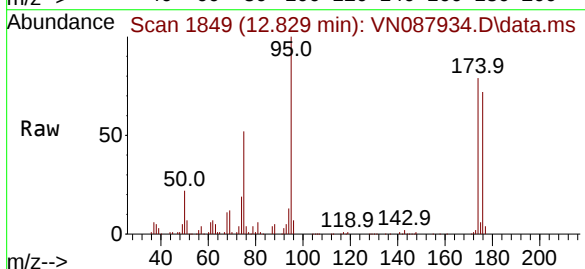
Instrument :
MSVOA_N
ClientSampleId :
VN0924MBL01

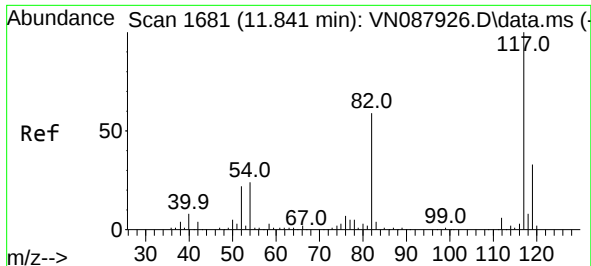
Tgt Ion: 63 Resp: 901
Ion Ratio Lower Upper
63 100
106 36.6 22.6 33.8#



#62
4-Bromofluorobenzene
Concen: 46.868 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087934.D
Acq: 24 Sep 2025 09:26

Tgt Ion: 95 Resp: 195481
Ion Ratio Lower Upper
95 100
174 76.7 0.0 159.2
176 74.9 0.0 152.6

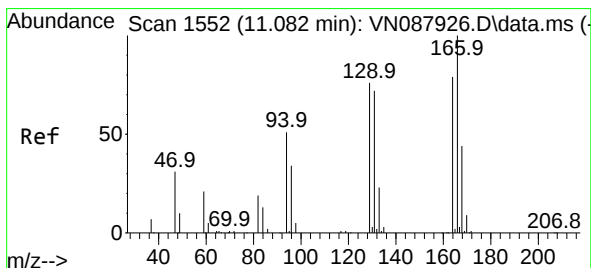
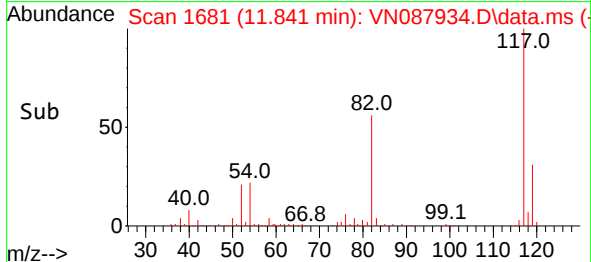
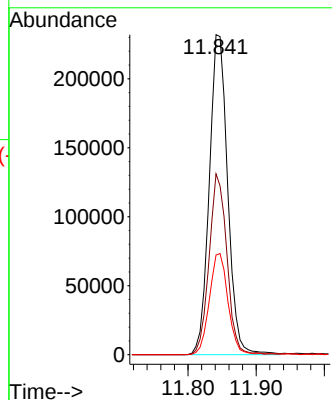
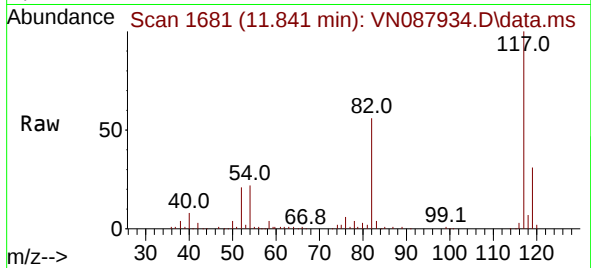




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087934.D
Acq: 24 Sep 2025 09:26

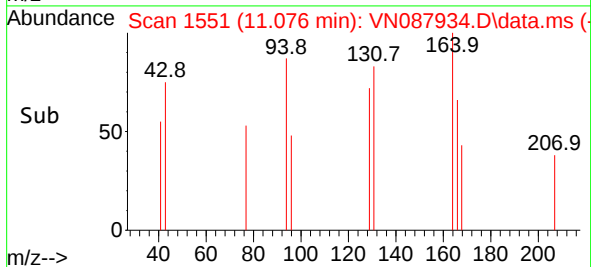
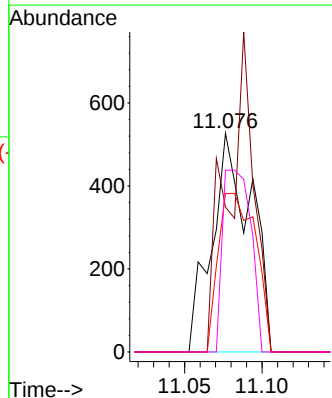
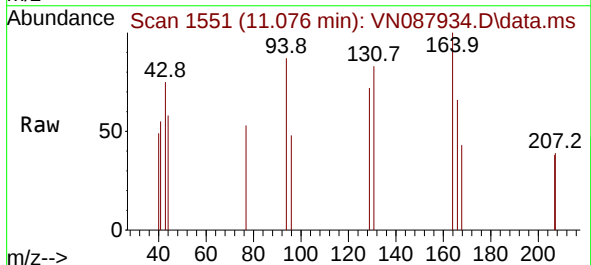
Instrument :
MSVOA_N
ClientSampleId :
VN0924MBL01

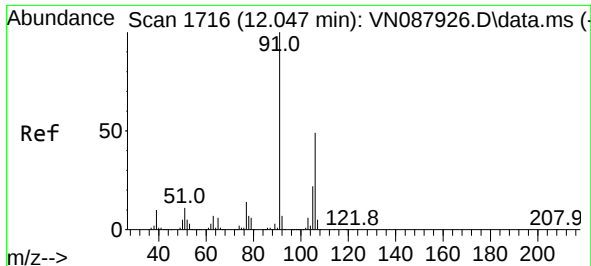
Tgt Ion:117 Resp: 435526
Ion Ratio Lower Upper
117 100
82 56.5 47.0 70.4
119 31.1 26.1 39.1



#64
Tetrachloroethene
Concen: 0.350 ug/l
RT: 11.076 min Scan# 1551
Delta R.T. -0.006 min
Lab File: VN087934.D
Acq: 24 Sep 2025 09:26

Tgt Ion:164 Resp: 929
Ion Ratio Lower Upper
164 100
166 66.2 101.6 152.4#
129 72.5 77.5 116.3#
131 83.1 73.4 110.0

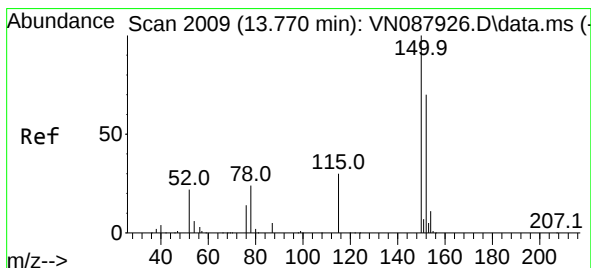
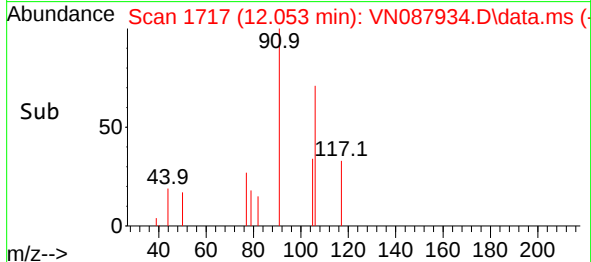
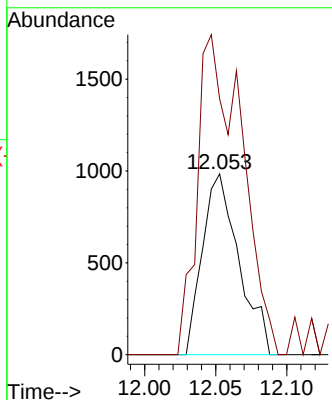
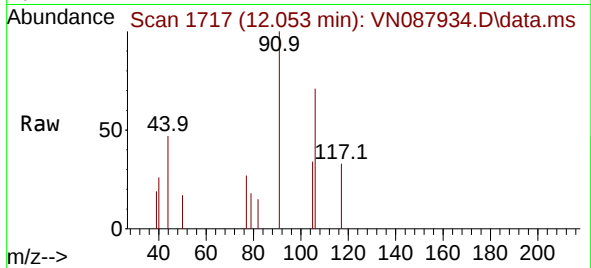




#68
m/p-Xylenes
Concen: 0.297 ug/l
RT: 12.053 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087934.D
Acq: 24 Sep 2025 09:26

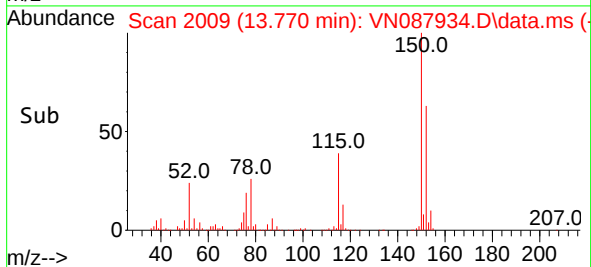
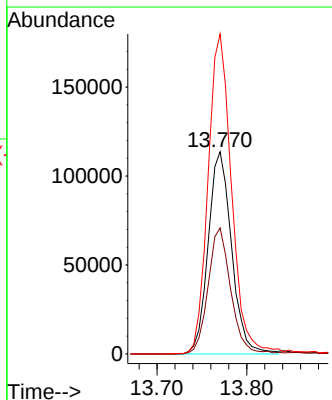
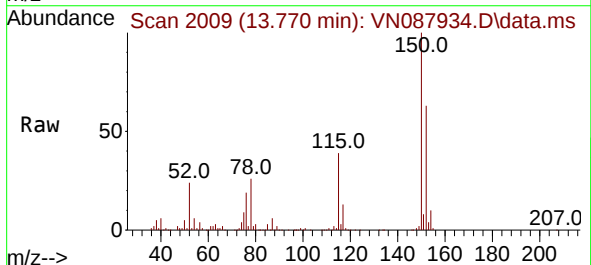
Instrument :
MSVOA_N
ClientSampleId :
VN0924MBL01

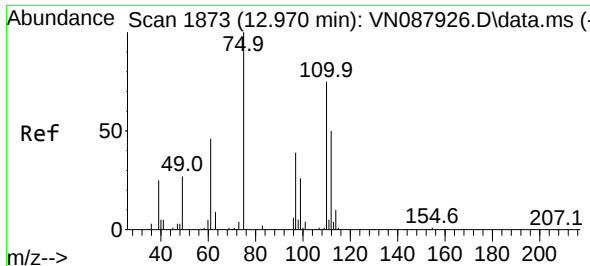
Tgt Ion:106 Resp: 1758
Ion Ratio Lower Upper
106 100
91 215.5 162.9 244.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VN087934.D
Acq: 24 Sep 2025 09:26

Tgt Ion:152 Resp: 206267
Ion Ratio Lower Upper
152 100
115 60.3 29.9 89.7
150 160.8 0.0 335.0

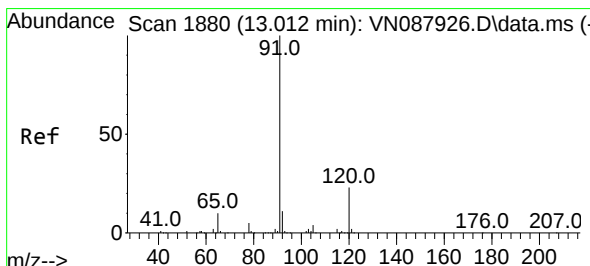
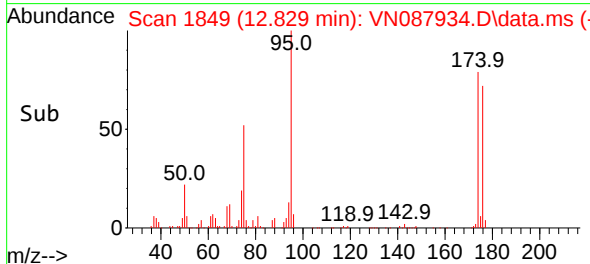
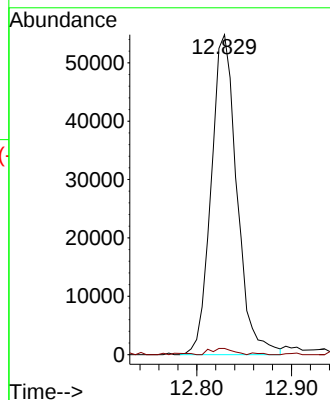
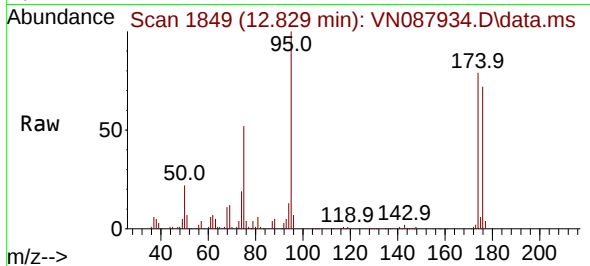




#76
1,2,3-Trichloropropane
Concen: 25.461 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.141 min
Lab File: VN087934.D
Acq: 24 Sep 2025 09:26

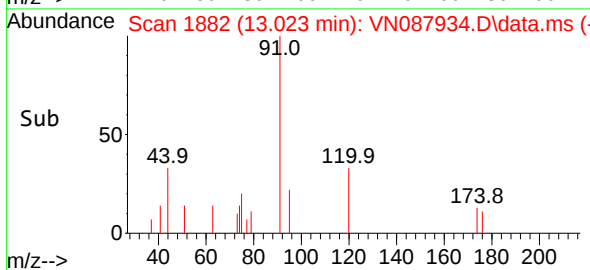
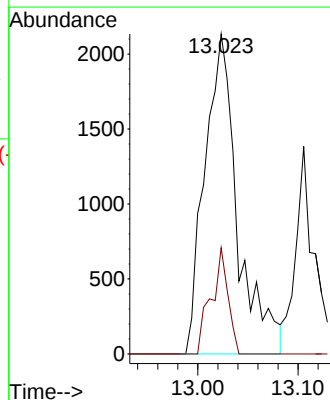
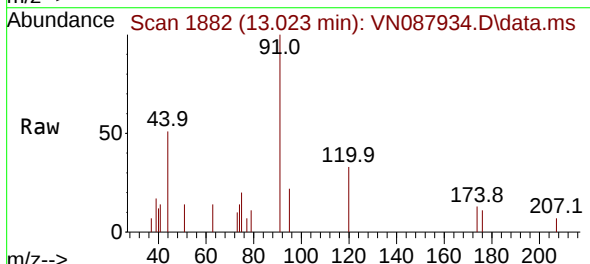
Instrument :
MSVOA_N
ClientSampleId :
VN0924MBL01

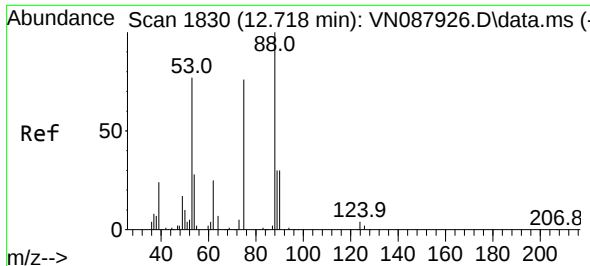
Tgt Ion: 75 Resp: 103522
Ion Ratio Lower Upper
75 100
77 1.7 89.5 268.5#



#78
n-propylbenzene
Concen: 0.304 ug/l
RT: 13.023 min Scan# 1882
Delta R.T. 0.012 min
Lab File: VN087934.D
Acq: 24 Sep 2025 09:26

Tgt Ion: 91 Resp: 4861
Ion Ratio Lower Upper
91 100
120 17.1 11.1 33.1

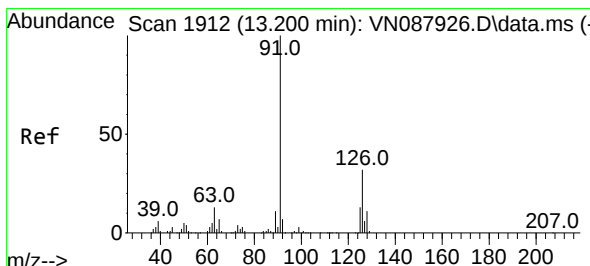
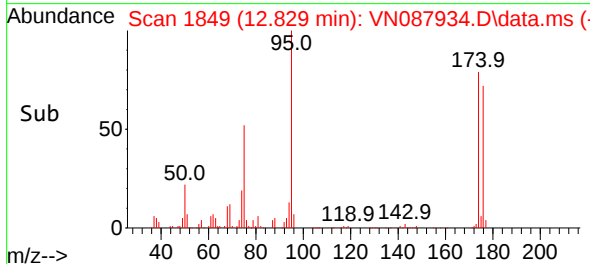
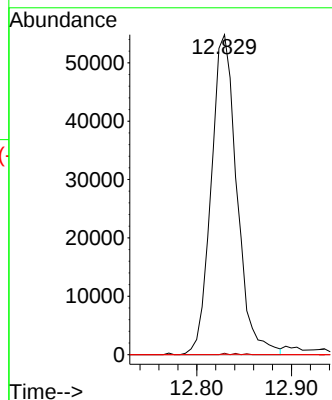
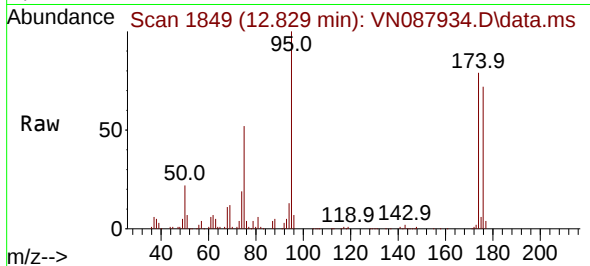




#81
trans-1,4-Dichloro-2-butene
Concen: 70.700 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.112 min
Lab File: VN087934.D
Acq: 24 Sep 2025 09:26

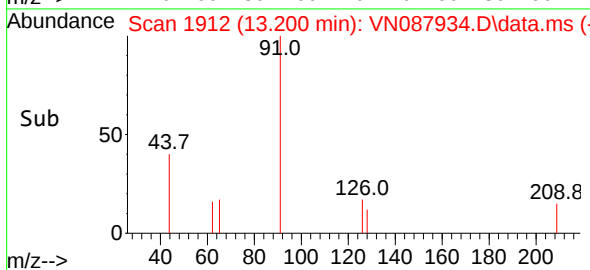
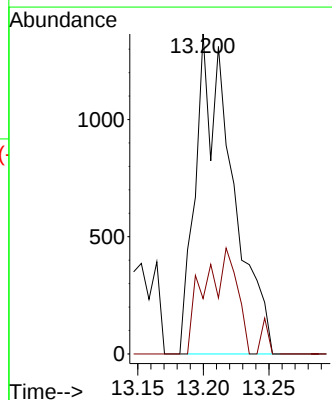
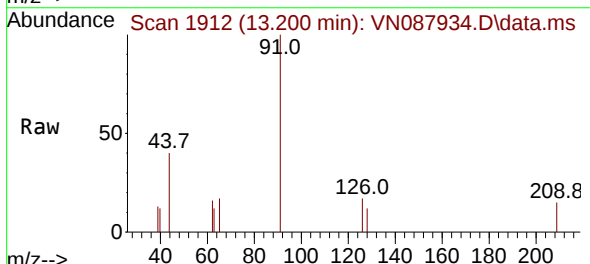
Instrument :
MSVOA_N
ClientSampleId :
VN0924MBL01

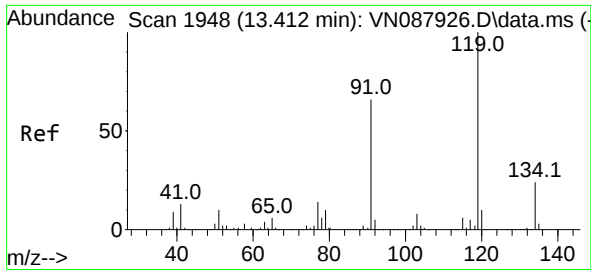
Tgt Ion: 75 Resp: 103522
Ion Ratio Lower Upper
75 100
53 0.1 82.0 123.0#
89 0.0 36.1 54.1#



#82
4-Chlorotoluene
Concen: 0.271 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087934.D
Acq: 24 Sep 2025 09:26

Tgt Ion: 91 Resp: 2662
Ion Ratio Lower Upper
91 100
126 29.2 16.9 50.6

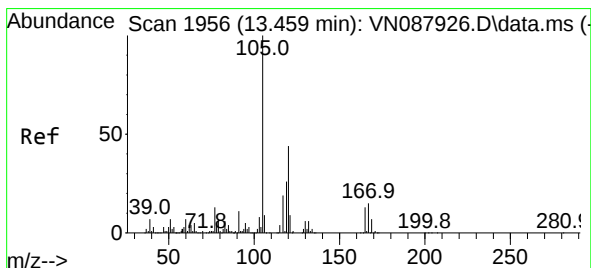
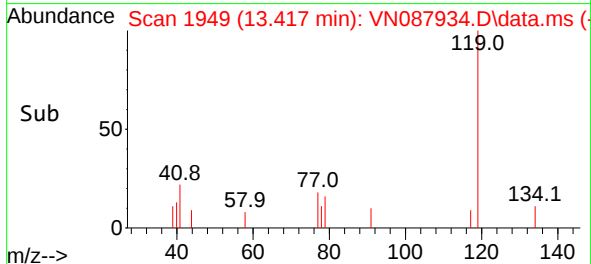
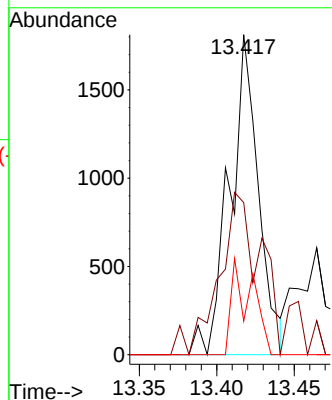
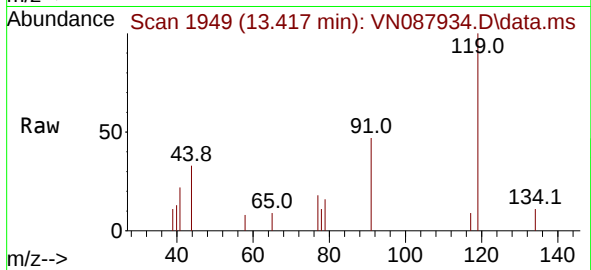




#83
tert-Butylbenzene
Concen: 0.251 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VN087934.D
Acq: 24 Sep 2025 09:26

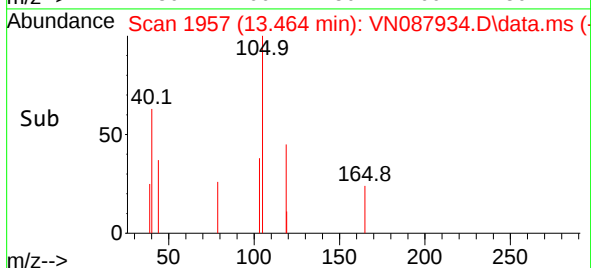
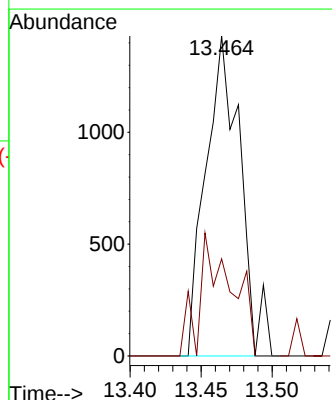
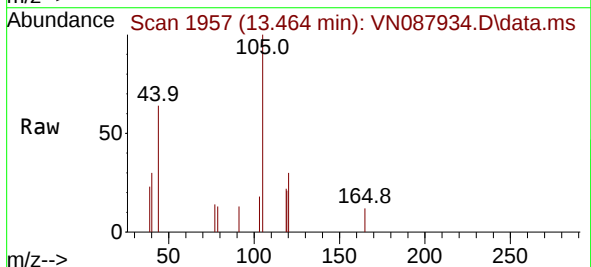
Instrument :
MSVOA_N
ClientSampleId :
VN0924MBL01

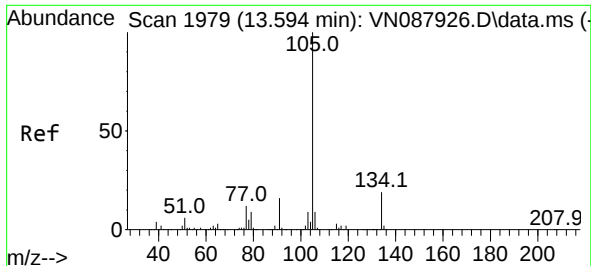
Tgt Ion	Ratio	Lower	Upper
119	100		
91	77.1	32.1	96.3
134	21.1	12.3	36.8



#84
1,2,4-Trimethylbenzene
Concen: 0.213 ug/l
RT: 13.464 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VN087934.D
Acq: 24 Sep 2025 09:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	36.6	22.4	67.3

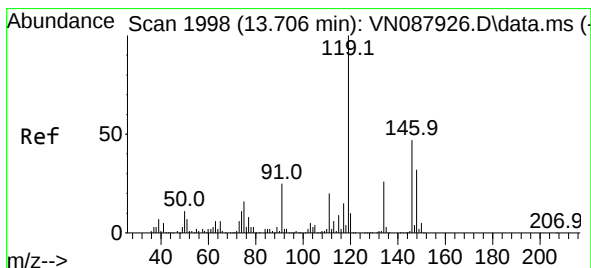
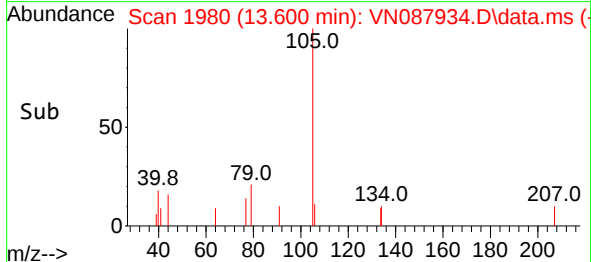
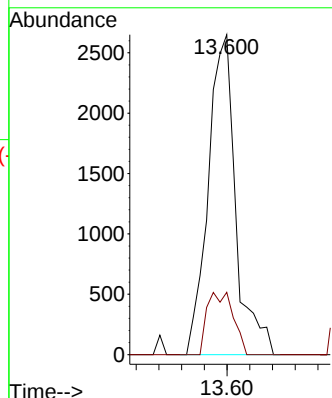
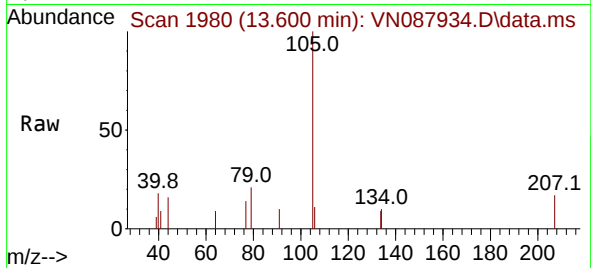




#85
 sec-Butylbenzene
 Concen: 0.325 ug/l
 RT: 13.600 min Scan# 1979
 Delta R.T. 0.006 min
 Lab File: VN087934.D
 Acq: 24 Sep 2025 09:26

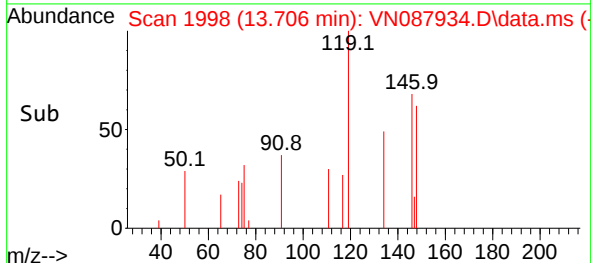
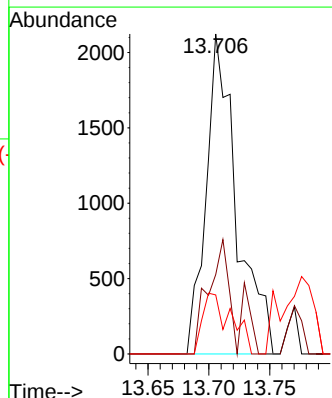
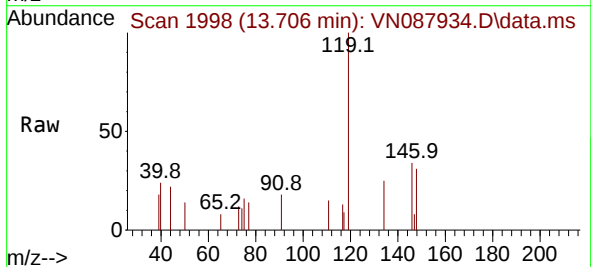
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924MBL01

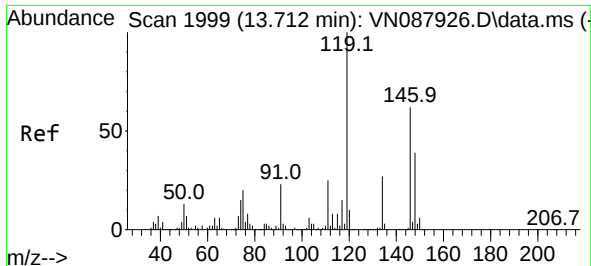
Tgt Ion:105 Resp: 4461
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 0.318 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087934.D
 Acq: 24 Sep 2025 09:26

Tgt Ion:119 Resp: 3691
 Ion Ratio Lower Upper
 119 100
 134 23.9 13.1 39.3
 91 17.8 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 0.342 ug/l

RT: 13.717 min Scan# 2000

Delta R.T. 0.006 min

Lab File: VN087934.D

Acq: 24 Sep 2025 09:26

Instrument :

MSVOA_N

ClientSampleId :

VN0924MBL01

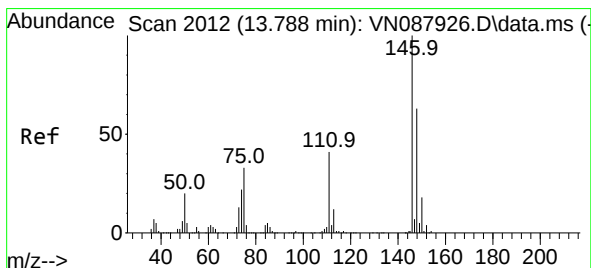
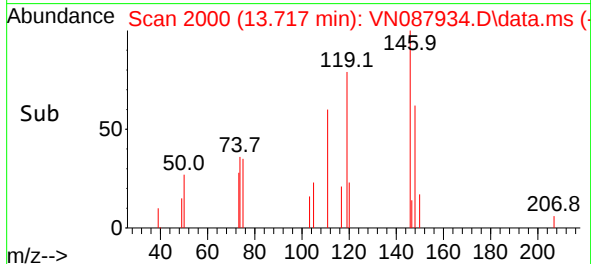
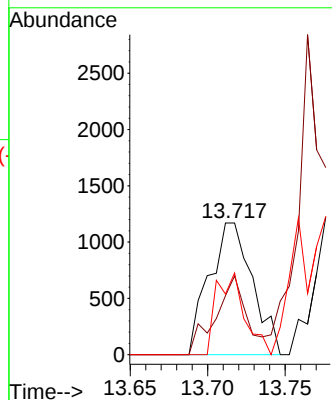
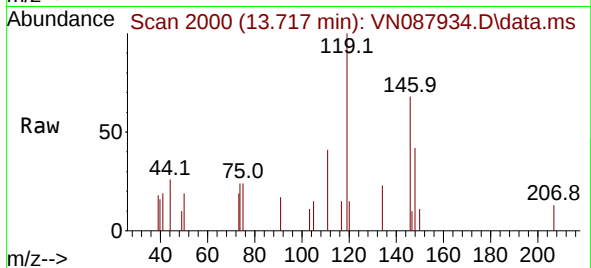
Tgt Ion:146 Resp: 2267

Ion Ratio Lower Upper

146 100

111 43.1 20.3 60.8

148 40.6 32.4 97.2



#88

1,4-Dichlorobenzene

Concen: 0.332 ug/l

RT: 13.717 min Scan# 2000

Delta R.T. -0.071 min

Lab File: VN087934.D

Acq: 24 Sep 2025 09:26

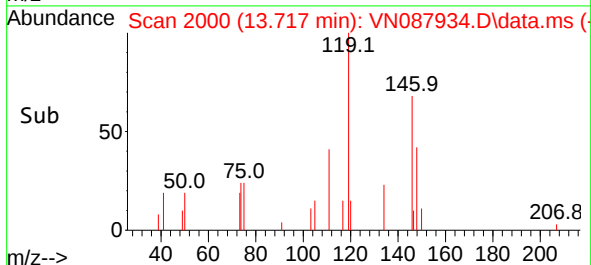
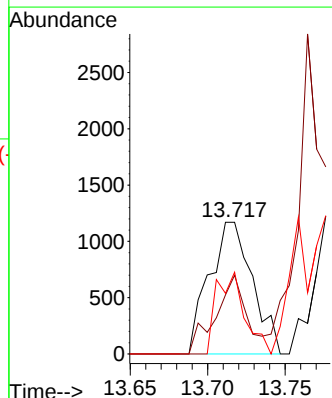
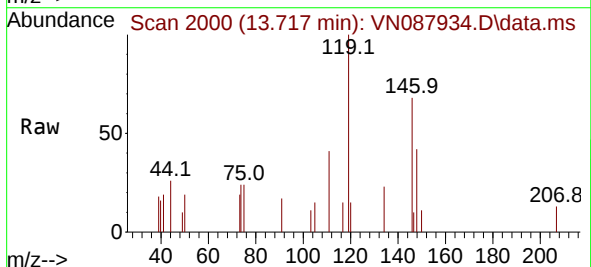
Tgt Ion:146 Resp: 2267

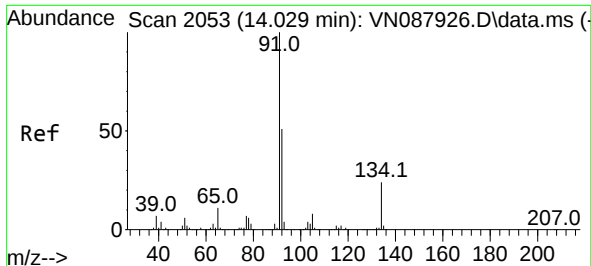
Ion Ratio Lower Upper

146 100

111 43.1 20.5 61.5

148 40.6 32.8 98.4





#89

n-Butylbenzene

Concen: 0.400 ug/l

RT: 14.041 min Scan# 2053

Delta R.T. 0.012 min

Lab File: VN087934.D

Acq: 24 Sep 2025 09:26

Instrument :

MSVOA_N

ClientSampleId :

VN0924MBL01

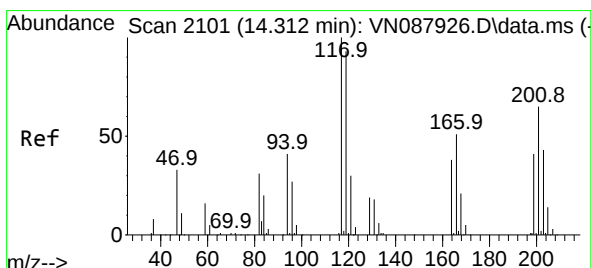
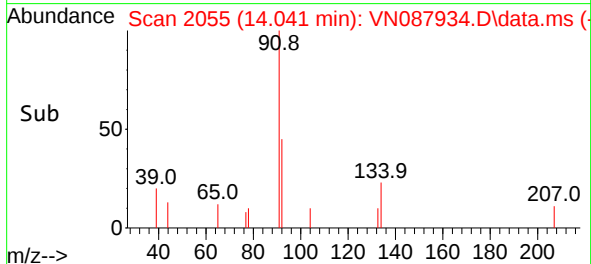
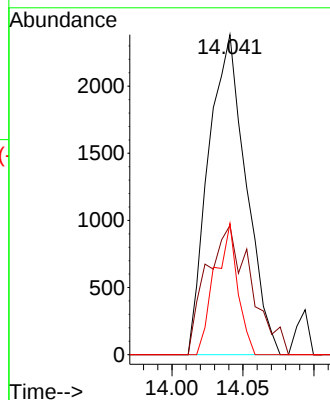
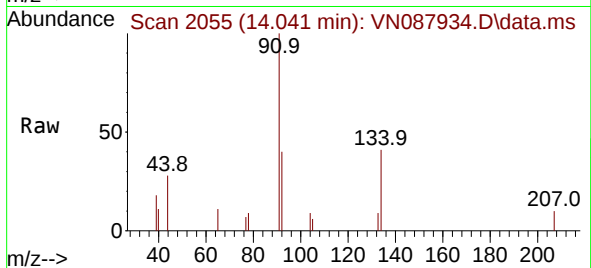
Tgt Ion: 91 Resp: 4393

Ion Ratio Lower Upper

91 100

92 47.8 25.9 77.8

134 24.8 12.6 37.8



#90

Hexachloroethane

Concen: 0.300 ug/l

RT: 14.323 min Scan# 2103

Delta R.T. 0.012 min

Lab File: VN087934.D

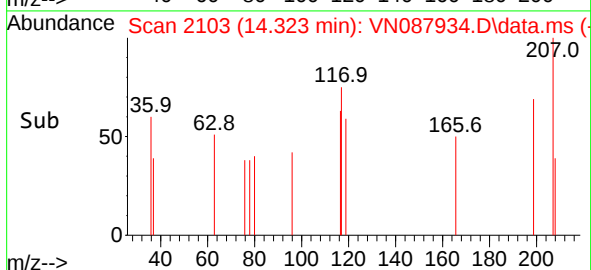
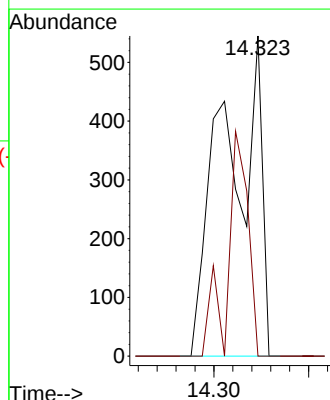
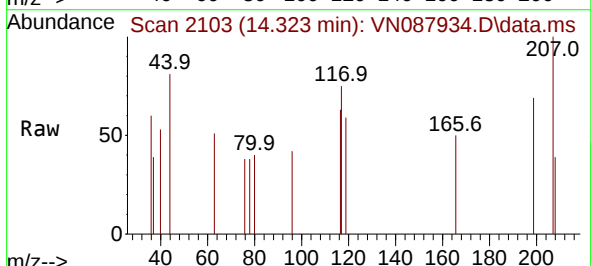
Acq: 24 Sep 2025 09:26

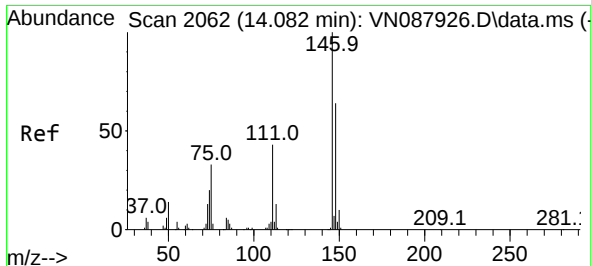
Tgt Ion: 117 Resp: 728

Ion Ratio Lower Upper

117 100

201 39.7 33.6 100.6

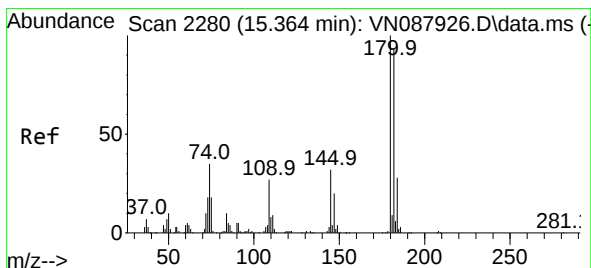
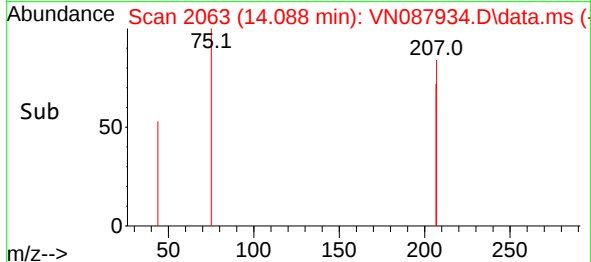
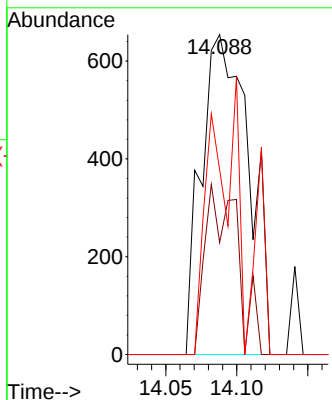
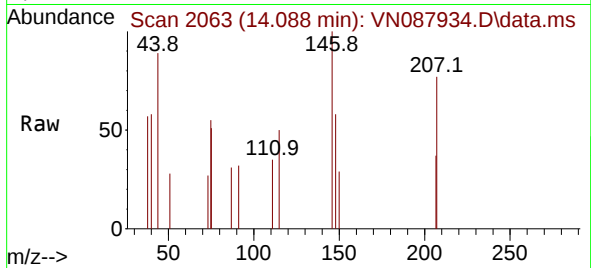




#91
 1,2-Dichlorobenzene
 Concen: 0.238 ug/l
 RT: 14.088 min Scan# 2062
 Delta R.T. 0.006 min
 Lab File: VN087934.D
 Acq: 24 Sep 2025 09:26

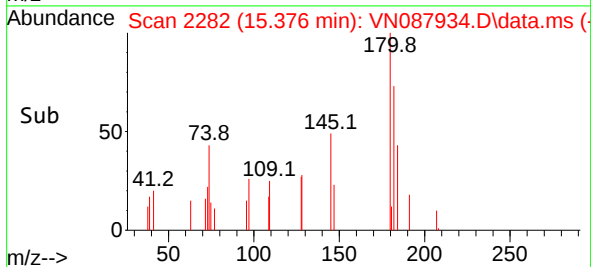
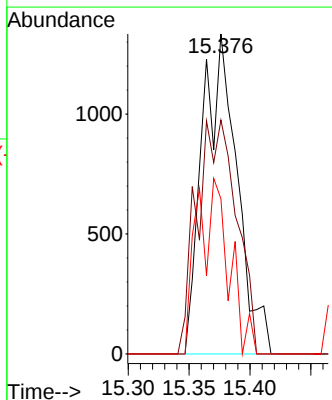
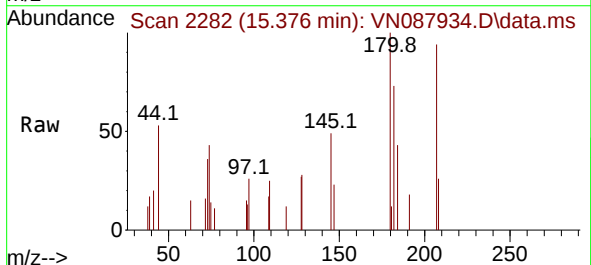
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924MBL01

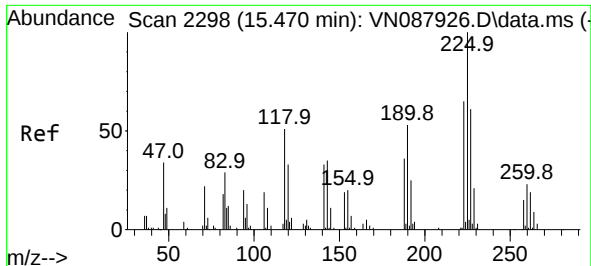
Tgt Ion:	146	Resp:	1522
Ion	Ratio	Lower	Upper
146	100		
111	36.2	20.9	62.7
148	50.1	31.9	95.9



#93
 1,2,4-Trichlorobenzene
 Concen: 0.703 ug/l
 RT: 15.376 min Scan# 2282
 Delta R.T. 0.012 min
 Lab File: VN087934.D
 Acq: 24 Sep 2025 09:26

Tgt Ion:	180	Resp:	2654
Ion	Ratio	Lower	Upper
180	100		
182	83.6	48.5	145.5
145	20.0	15.9	47.6

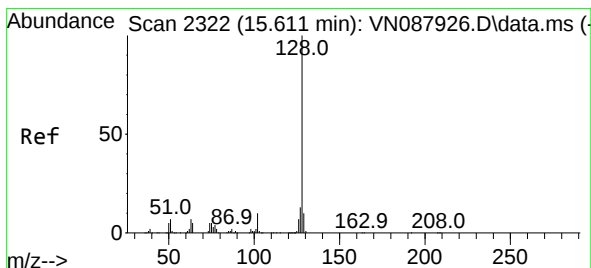
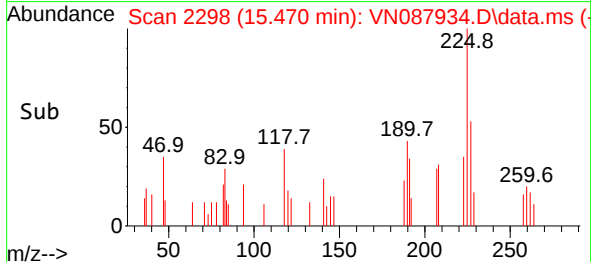
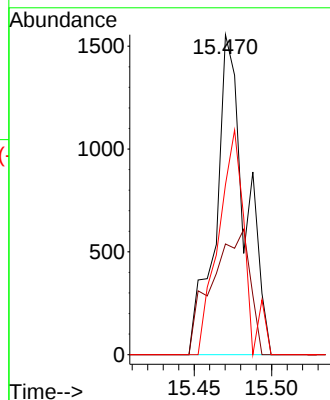
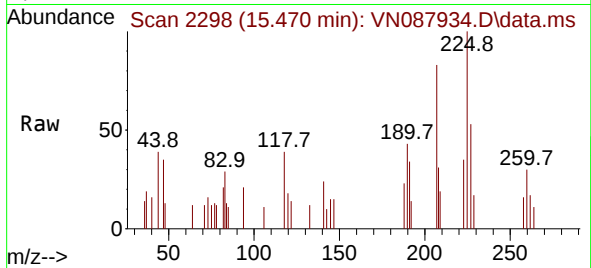




#94
Hexachlorobutadiene
Concen: 1.487 ug/l
RT: 15.470 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087934.D
Acq: 24 Sep 2025 09:26

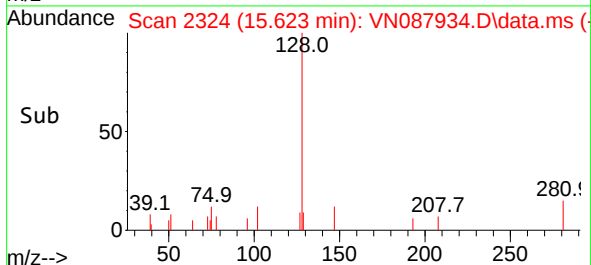
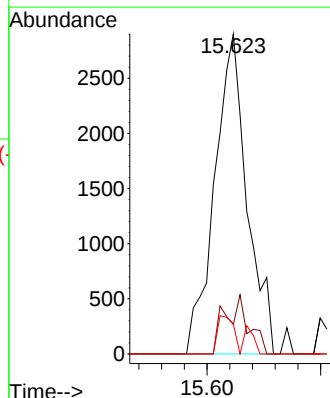
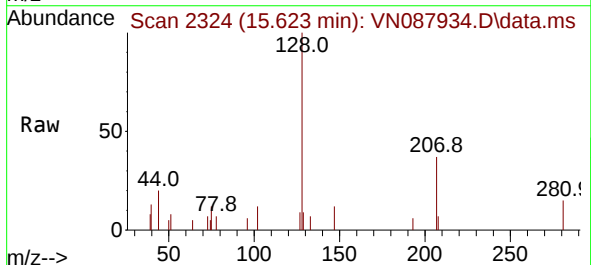
Instrument :
MSVOA_N
ClientSampleId :
VN0924MBL01

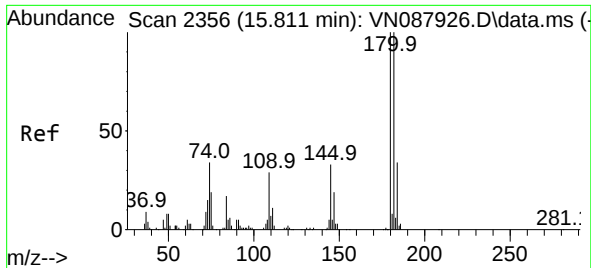
Tgt Ion:	225	Resp:	2068
Ion	Ratio	Lower	Upper
225	100		
223	50.2	31.8	95.4
227	62.5	31.9	95.9



#95
Naphthalene
Concen: 0.475 ug/l
RT: 15.623 min Scan# 2324
Delta R.T. 0.012 min
Lab File: VN087934.D
Acq: 24 Sep 2025 09:26

Tgt Ion:	128	Resp:	5754
Ion	Ratio	Lower	Upper
128	100		
127	6.4	10.2	15.4#
129	5.9	8.6	13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.630 ug/l
 RT: 15.817 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN087934.D
 Acq: 24 Sep 2025 09:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924MBL01

Tgt Ion:180 Resp: 2312
 Ion Ratio Lower Upper
 180 100
 182 125.1 47.3 142.0
 145 40.2 16.1 48.3

