

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082225\
 Data File : VN087629.D
 Acq On : 22 Aug 2025 10:26
 Operator : JC\MD
 Sample : VN0822MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0822MBL01

Quant Time: Aug 25 01:15:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	196819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	442627	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	406386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	189177	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	207941	51.565	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.140%	
35) Dibromofluoromethane	8.147	113	154081	48.214	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.420%	
50) Toluene-d8	10.547	98	563954	47.149	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.300%	
62) 4-Bromofluorobenzene	12.829	95	194727	45.778	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 91.560%	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.148	85	607	0.217	ug/l #	41
5) Bromomethane	3.000	94	1786	1.039	ug/l #	50
9) 1,1,2-Trichlorotrifluo...	4.371	101	608	0.220	ug/l #	42
10) Methyl Iodide	4.589	142	497	7.018	ug/l #	38
12) 1,1-Dichloroethene	4.330	96	906	0.319	ug/l #	11
13) Acrolein	4.177	56	1053	1.223	ug/l #	52
15) Acrylonitrile	5.718	53	1513	0.766	ug/l #	68
16) Acetone	4.442	43	684	0.312	ug/l #	47
17) Carbon Disulfide	4.706	76	5597	0.716	ug/l #	89
20) Methylene Chloride	5.265	84	528	Below Cal	#	11
21) trans-1,2-Dichloroethene	5.777	96	709	0.231	ug/l #	18
25) 2-Butanone	7.488	43	1766	0.611	ug/l	98
29) Tetrahydrofuran	7.830	42	612	0.329	ug/l #	61
31) Cyclohexane	8.212	56	6585	1.298	ug/l #	25
36) 1,1-Dichloropropene	8.206	75	19762	4.031	ug/l #	53
38) Carbon Tetrachloride	8.206	117	22821	4.715	ug/l #	13
39) Methylcyclohexane	9.588	83	1500	0.278	ug/l #	85
49) 1,4-Dioxane	9.741	88	58	0.904	ug/l #	13
51) 4-Methyl-2-Pentanone	10.424	43	1726	0.274	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.135	63	829	0.266	ug/l #	49
59) 2-Hexanone	10.982	43	1203	0.302	ug/l	82
68) m/p-Xylenes	12.059	106	1730	0.269	ug/l	98
76) 1,2,3-Trichloropropane	12.829	75	113214	25.520	ug/l #	1
78) n-propylbenzene	13.017	91	4234	0.225	ug/l	99
79) 2-Chlorotoluene	13.200	91	3013	0.266	ug/l	85
81) trans-1,4-Dichloro-2-b...	12.829	75	113214	67.561	ug/l #	1
82) 4-Chlorotoluene	13.200	91	3013	0.253	ug/l	86
83) tert-Butylbenzene	13.417	119	2940	0.272	ug/l	92
84) 1,2,4-Trimethylbenzene	13.459	105	2796	0.215	ug/l	89
85) sec-Butylbenzene	13.594	105	4765	0.297	ug/l	90
86) p-Isopropyltoluene	13.712	119	3392	0.256	ug/l	87
87) 1,3-Dichlorobenzene	13.717	146	1925	0.271	ug/l	95
88) 1,4-Dichlorobenzene	13.717	146	1925	0.261	ug/l	96
89) n-Butylbenzene	14.035	91	4961	0.377	ug/l	88
90) Hexachloroethane	14.323	117	531	0.210	ug/l #	54
92) 1,2-Dibromo-3-Chloropr...	14.711	75	300	0.240	ug/l #	8

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Sample : VN0822MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0822MBL01

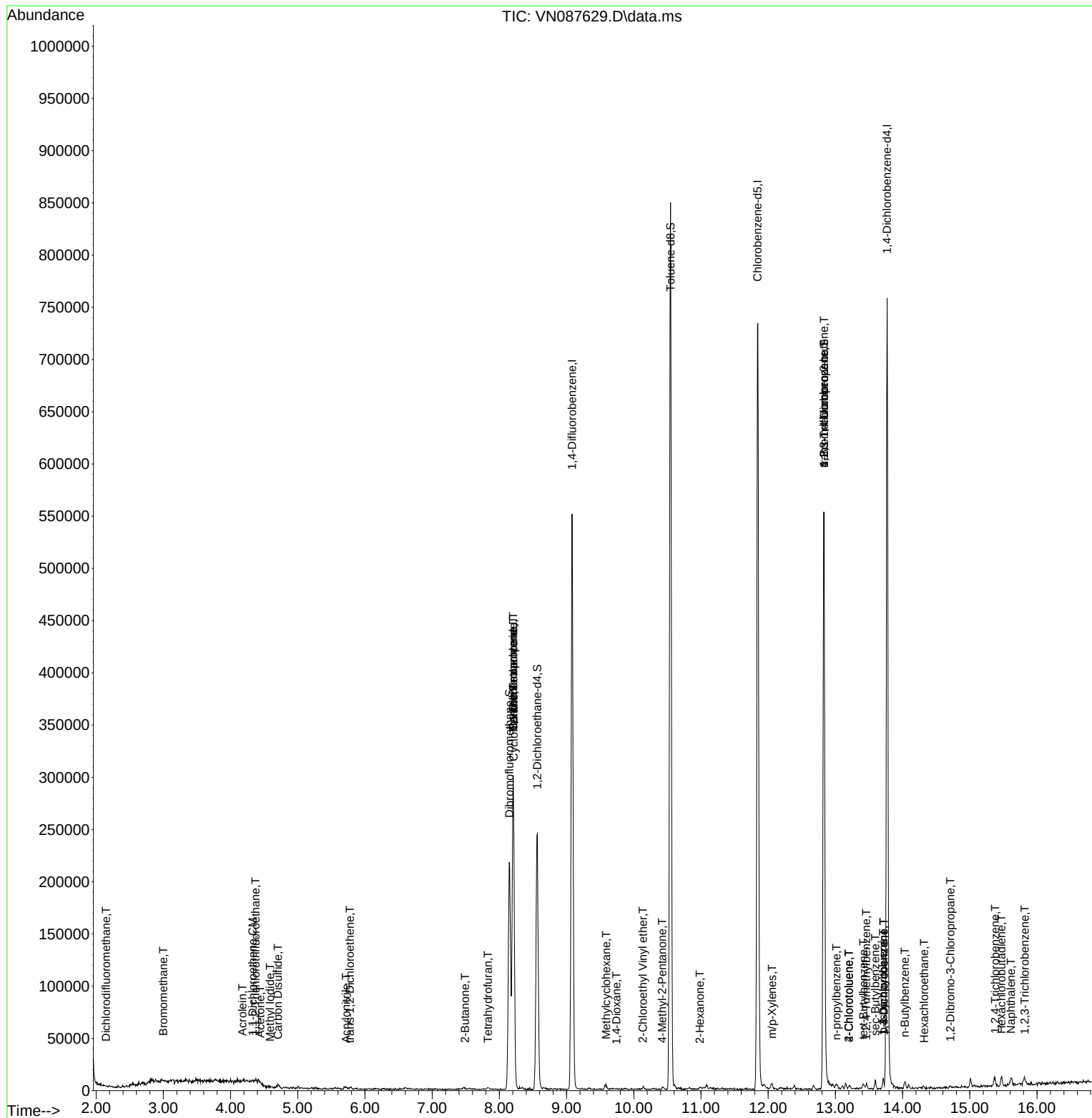
Quant Time: Aug 25 01:15:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

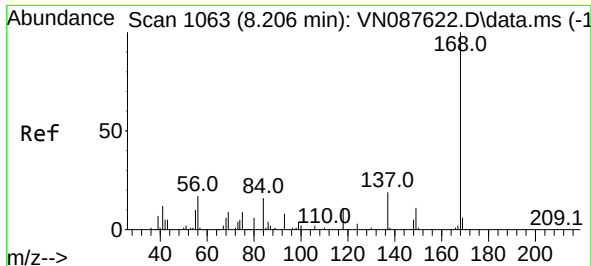
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.376	180	1955	0.483	ug/l	67
94) Hexachlorobutadiene	15.470	225	1680	1.165	ug/l	78
95) Naphthalene	15.611	128	7723	0.539	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.817	180	2457	0.622	ug/l	87

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

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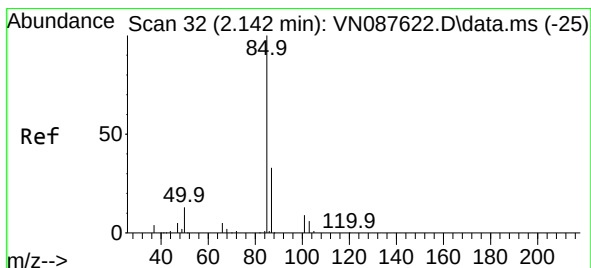
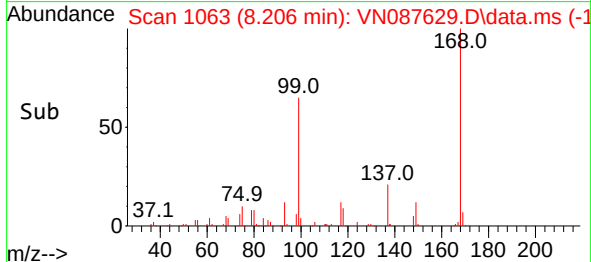
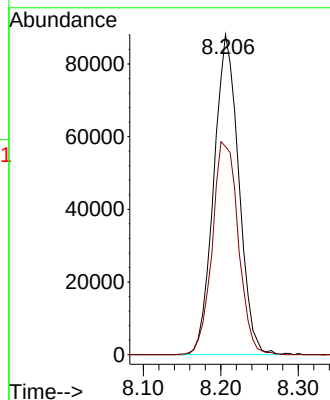
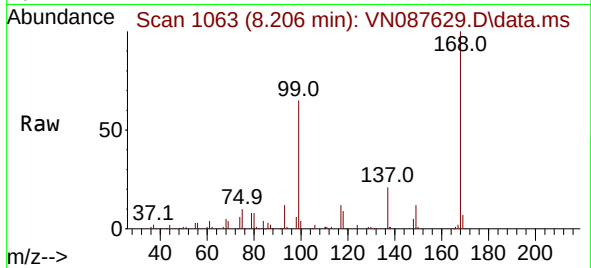




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087629.D
Acq: 22 Aug 2025 10:26

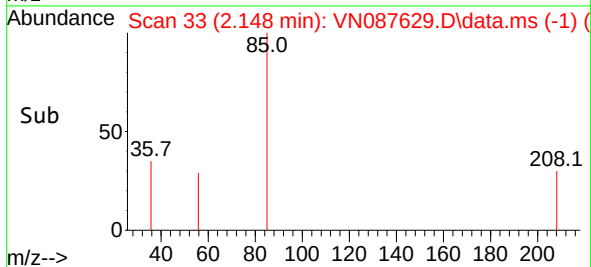
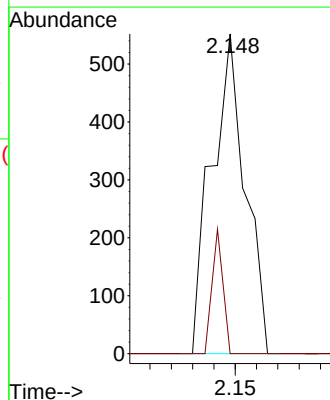
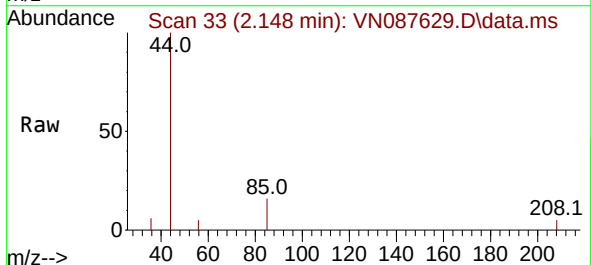
Instrument :
MSVOA_N
ClientSampleId :
VN0822MBL01

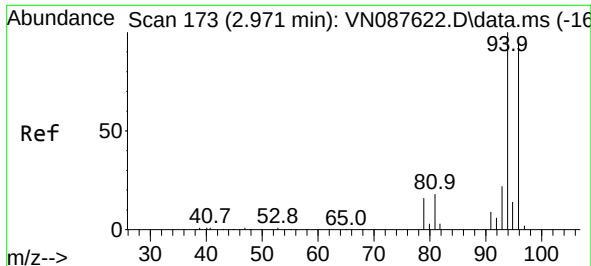
Tgt Ion:168 Resp: 196819
Ion Ratio Lower Upper
168 100
99 64.9 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 0.217 ug/l
RT: 2.148 min Scan# 33
Delta R.T. 0.006 min
Lab File: VN087629.D
Acq: 22 Aug 2025 10:26

Tgt Ion: 85 Resp: 607
Ion Ratio Lower Upper
85 100
87 0.0 16.6 49.8#

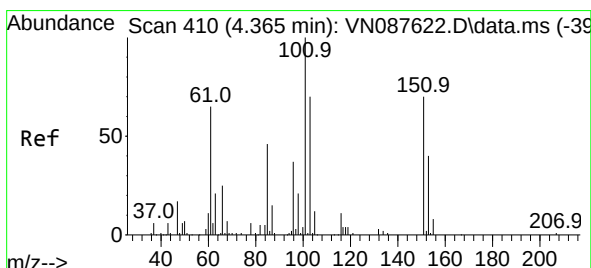
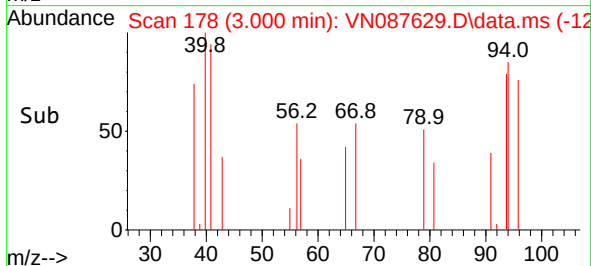
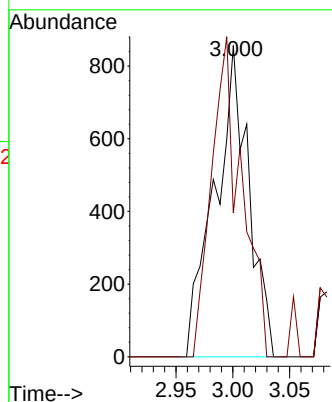
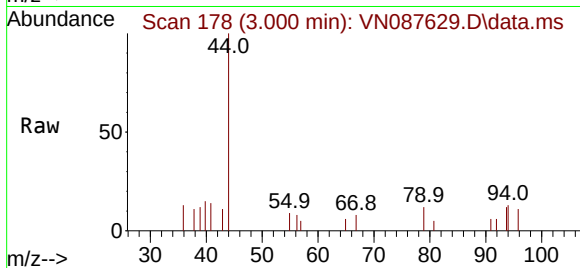




#5
Bromomethane
Concen: 1.039 ug/l
RT: 3.000 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN087629.D
Acq: 22 Aug 2025 10:26

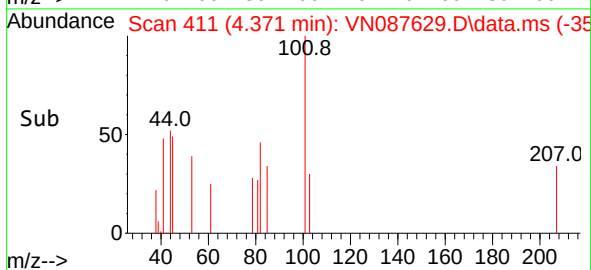
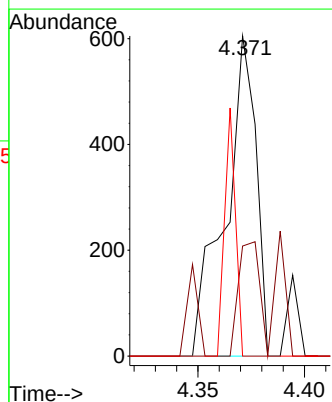
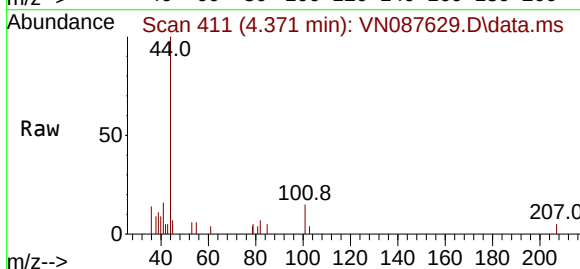
Instrument :
MSVOA_N
ClientSampleId :
VN0822MBL01

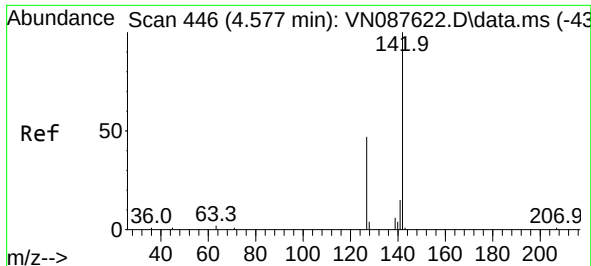
Tgt Ion: 94 Resp: 1786
Ion Ratio Lower Upper
94 100
96 46.2 75.4 113.2#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.220 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN087629.D
Acq: 22 Aug 2025 10:26

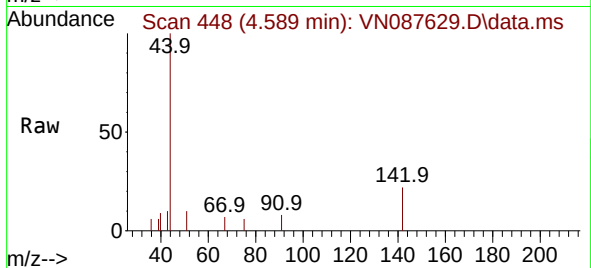
Tgt Ion:101 Resp: 608
Ion Ratio Lower Upper
101 100
85 0.0 36.6 55.0#
151 27.3 54.7 82.1#



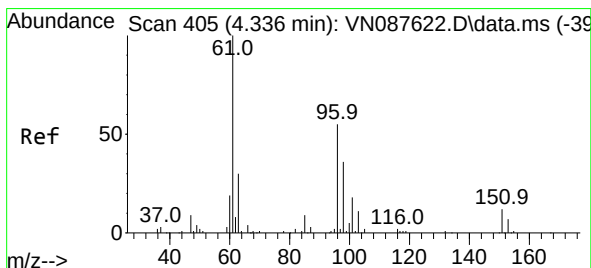
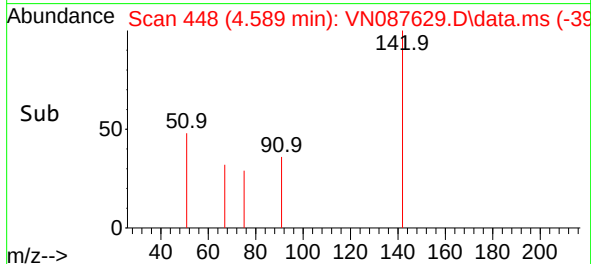
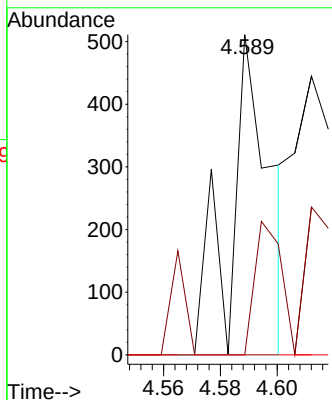


#10
Methyl Iodide
Concen: 7.018 ug/l
RT: 4.589 min Scan# 446
Delta R.T. 0.012 min
Lab File: VN087629.D
Acq: 22 Aug 2025 10:26

Instrument :
MSVOA_N
ClientSampleId :
VN0822MBL01

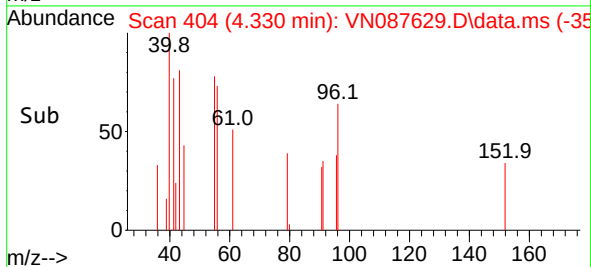
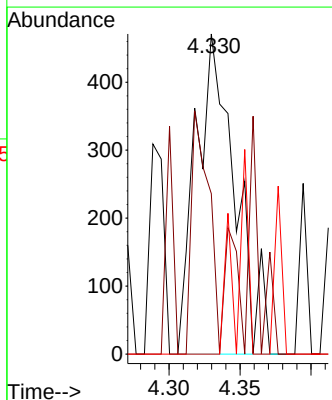
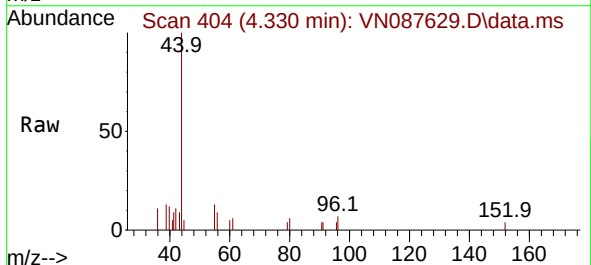


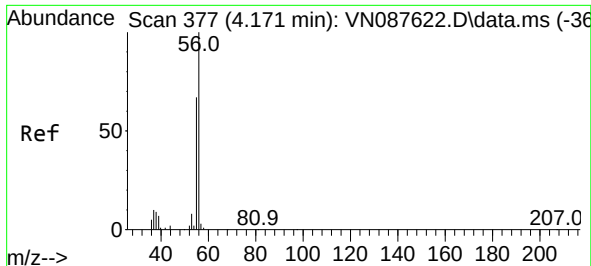
Tgt Ion:142 Resp: 497
Ion Ratio Lower Upper
142 100
127 0.0 38.0 57.0#
141 0.0 12.0 18.0#



#12
1,1-Dichloroethene
Concen: 0.319 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.006 min
Lab File: VN087629.D
Acq: 22 Aug 2025 10:26

Tgt Ion: 96 Resp: 906
Ion Ratio Lower Upper
96 100
61 50.1 143.8 215.8#
98 0.0 52.1 78.1#

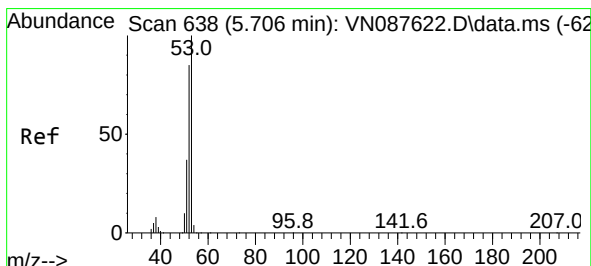
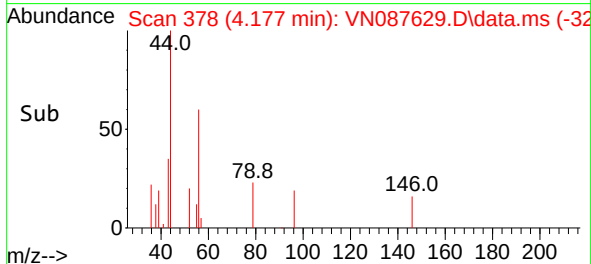
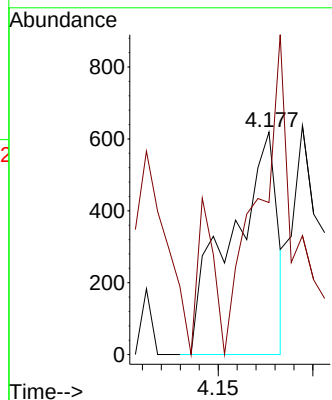
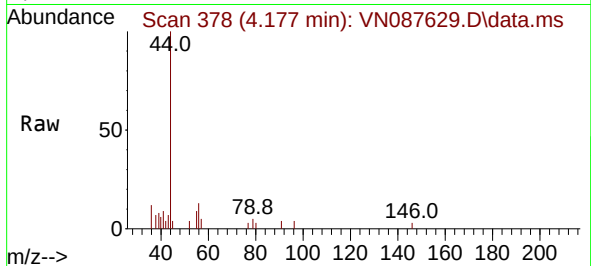




#13
Acrolein
Concen: 1.223 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN087629.D
Acq: 22 Aug 2025 10:26

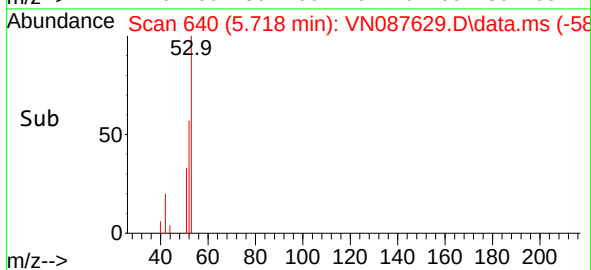
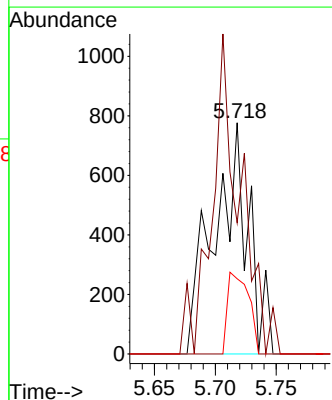
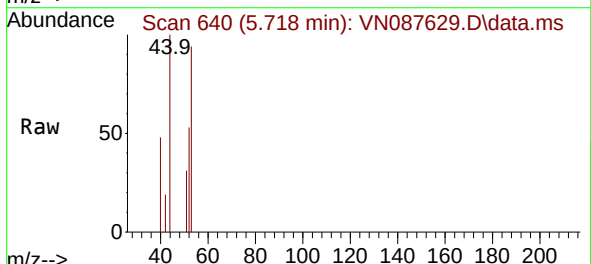
Instrument :
MSVOA_N
ClientSampleId :
VN0822MBL01

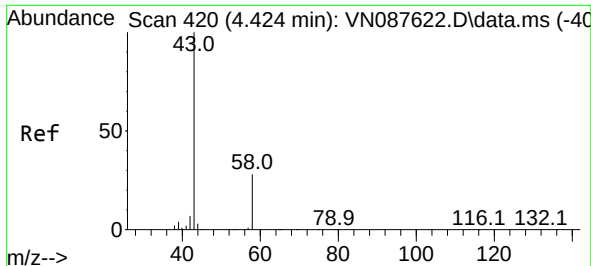
Tgt Ion: 56 Resp: 1053
Ion Ratio Lower Upper
56 100
55 111.7 57.3 85.9#



#15
Acrylonitrile
Concen: 0.766 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.012 min
Lab File: VN087629.D
Acq: 22 Aug 2025 10:26

Tgt Ion: 53 Resp: 1513
Ion Ratio Lower Upper
53 100
52 116.0 67.6 101.4#
51 21.8 30.1 45.1#





#16

Acetone

Concen: 0.312 ug/l

RT: 4.442 min Scan# 41

Delta R.T. 0.018 min

Lab File: VN087629.D

Acq: 22 Aug 2025 10:26

Instrument :

MSVOA_N

ClientSampleId :

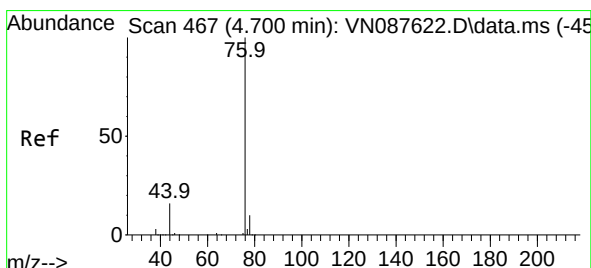
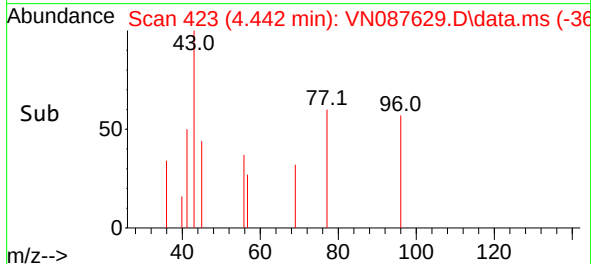
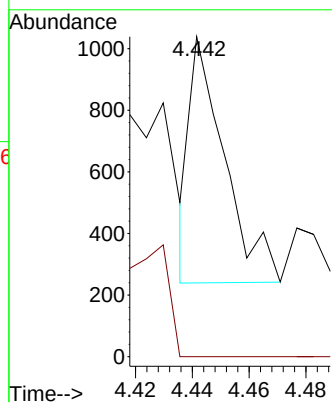
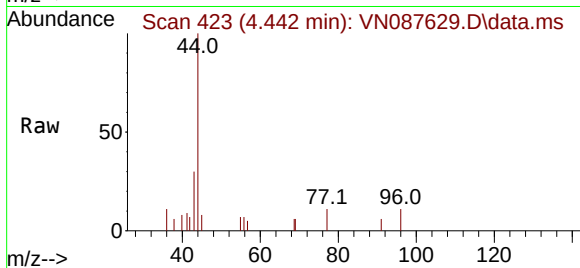
VN0822MBL01

Tgt Ion: 43 Resp: 684

Ion Ratio Lower Upper

43 100

58 0.0 22.6 33.8#



#17

Carbon Disulfide

Concen: 0.716 ug/l

RT: 4.706 min Scan# 468

Delta R.T. 0.006 min

Lab File: VN087629.D

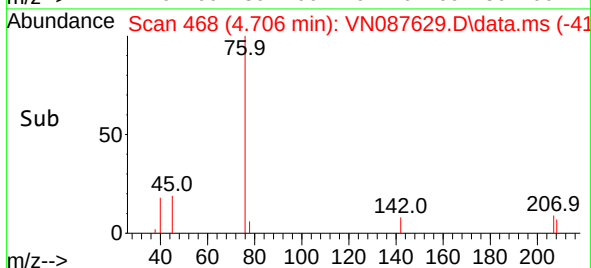
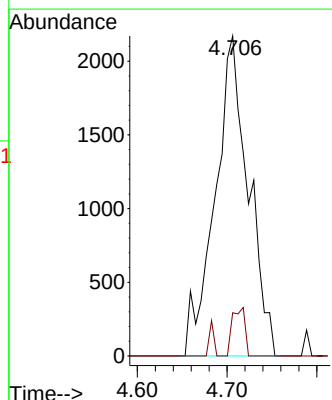
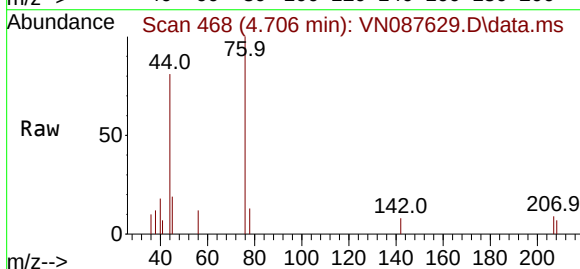
Acq: 22 Aug 2025 10:26

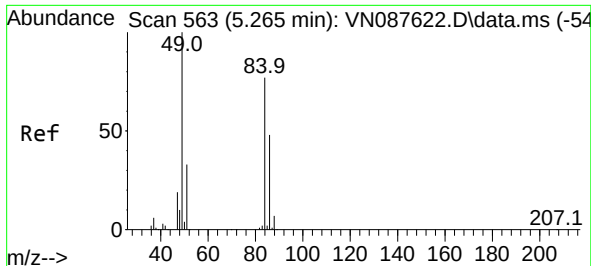
Tgt Ion: 76 Resp: 5597

Ion Ratio Lower Upper

76 100

78 13.5 7.6 11.4#

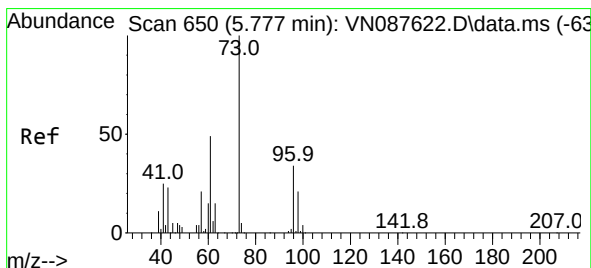
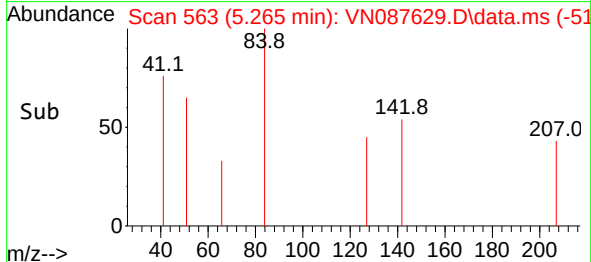
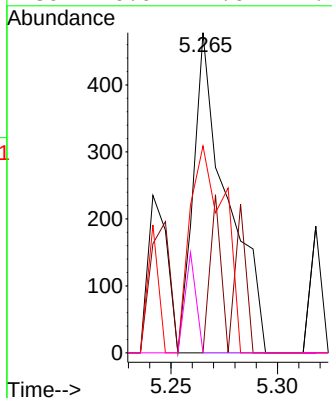
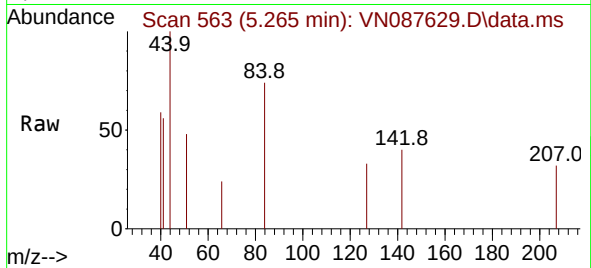




#20
Methylene Chloride
Concen: Below Cal
RT: 5.265 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN087629.D
Acq: 22 Aug 2025 10:26

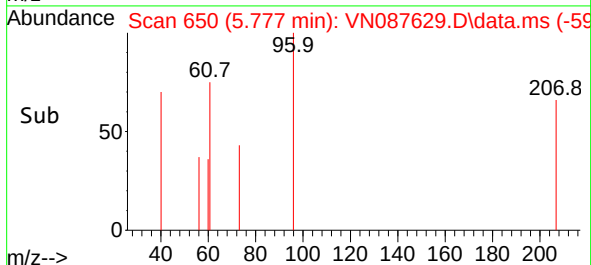
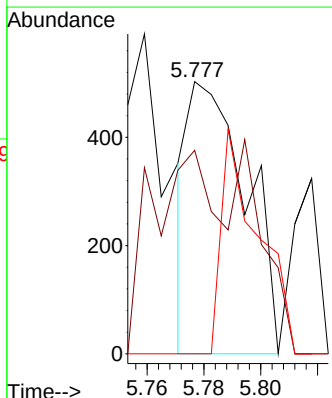
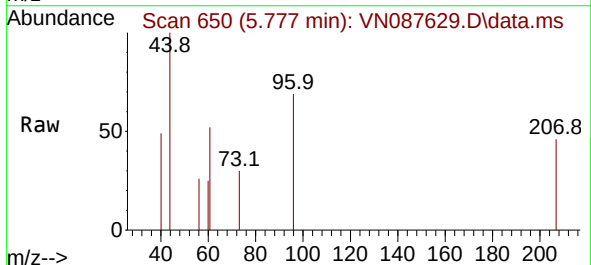
Instrument :
MSVOA_N
ClientSampleId :
VN0822MBL01

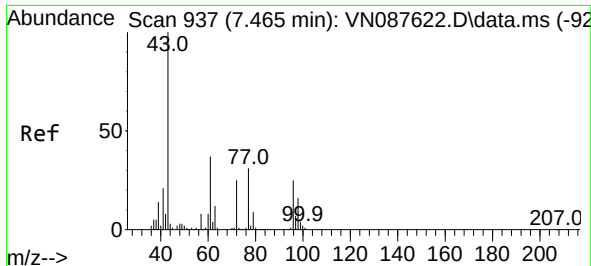
Tgt Ion:	84	Resp:	528
Ion	Ratio	Lower	Upper
84	100		
49	0.0	103.4	155.2#
51	64.6	33.8	50.8#
86	0.0	49.6	74.4#



#21
trans-1,2-Dichloroethene
Concen: 0.231 ug/l
RT: 5.777 min Scan# 650
Delta R.T. -0.000 min
Lab File: VN087629.D
Acq: 22 Aug 2025 10:26

Tgt Ion:	96	Resp:	709
Ion	Ratio	Lower	Upper
96	100		
61	43.1	118.0	177.0#
98	0.0	50.0	75.0#

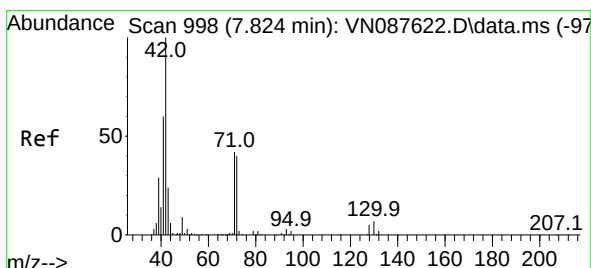
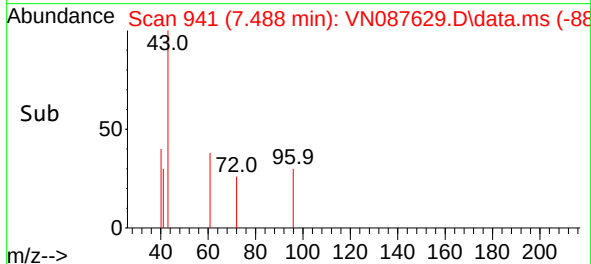
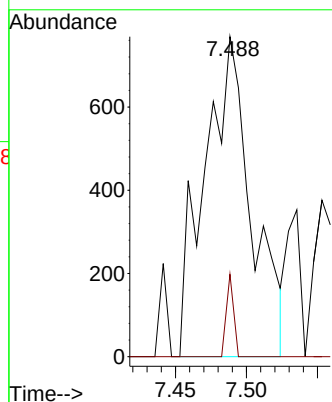
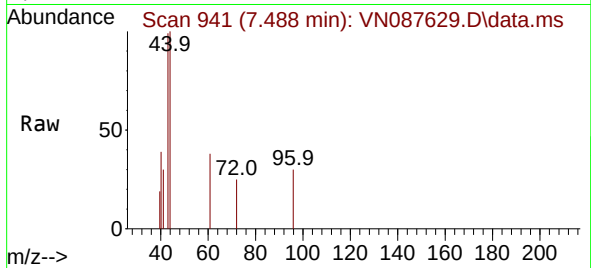




#25
2-Butanone
Concen: 0.611 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.023 min
Lab File: VN087629.D
Acq: 22 Aug 2025 10:26

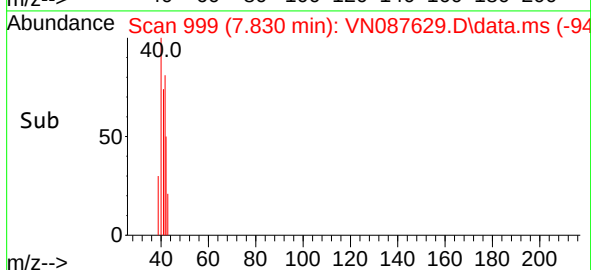
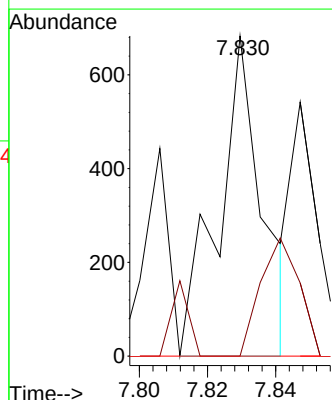
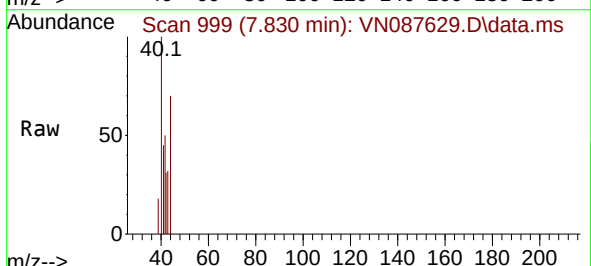
Instrument :
MSVOA_N
ClientSampleId :
VN0822MBL01

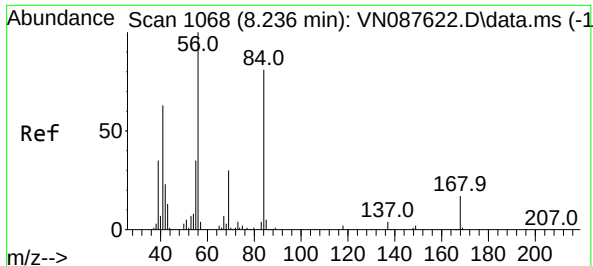
Tgt Ion: 43 Resp: 1766
Ion Ratio Lower Upper
43 100
72 25.7 19.9 29.9



#29
Tetrahydrofuran
Concen: 0.329 ug/l
RT: 7.830 min Scan# 999
Delta R.T. 0.006 min
Lab File: VN087629.D
Acq: 22 Aug 2025 10:26

Tgt Ion: 42 Resp: 612
Ion Ratio Lower Upper
42 100
72 32.5 33.7 50.5#
71 0.0 31.9 47.9#

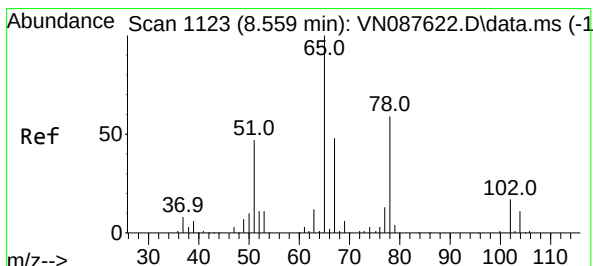
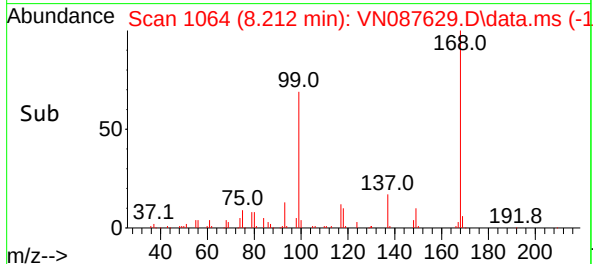
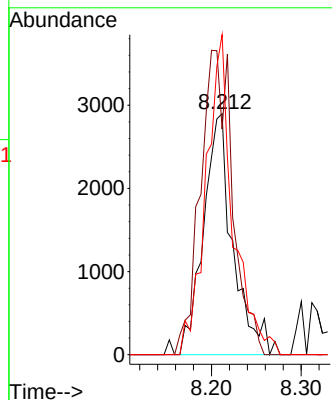
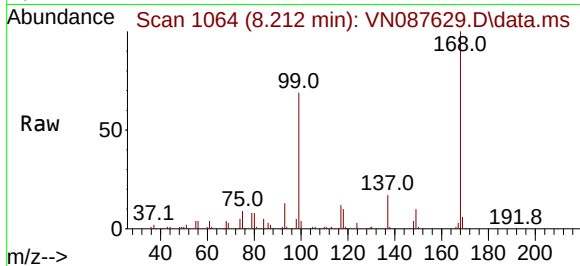




#31
Cyclohexane
Concen: 1.298 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.024 min
Lab File: VN087629.D
Acq: 22 Aug 2025 10:26

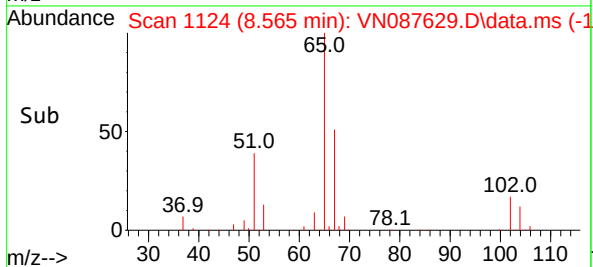
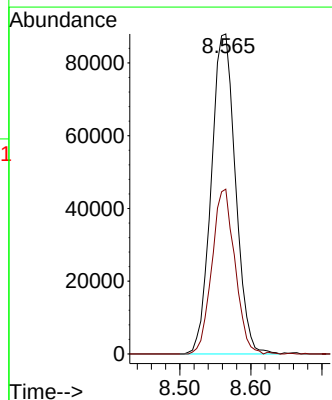
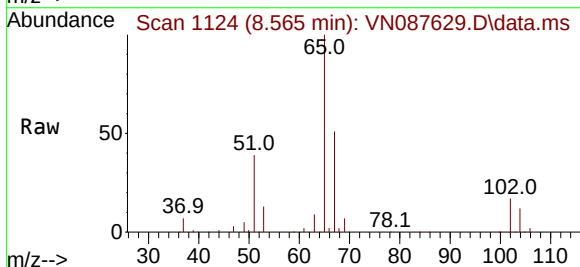
Instrument :
MSVOA_N
ClientSampleId :
VN0822MBL01

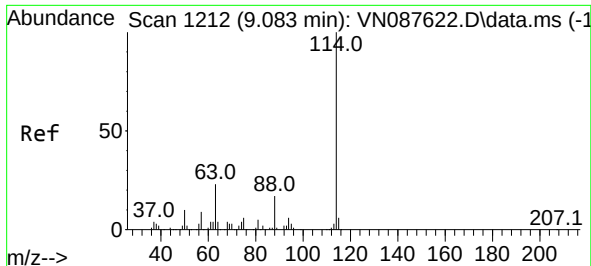
Tgt Ion: 56 Resp: 6585
Ion Ratio Lower Upper
56 100
69 93.7 23.7 35.5#
84 132.8 64.7 97.1#



#33
1,2-Dichloroethane-d4
Concen: 51.565 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN087629.D
Acq: 22 Aug 2025 10:26

Tgt Ion: 65 Resp: 207941
Ion Ratio Lower Upper
65 100
67 49.1 0.0 100.0

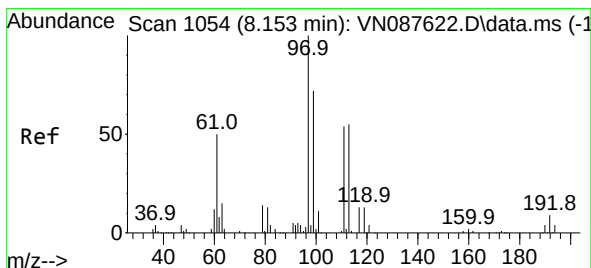
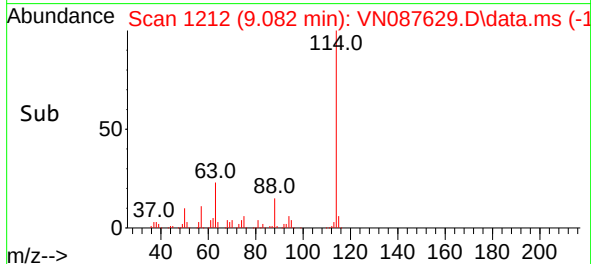
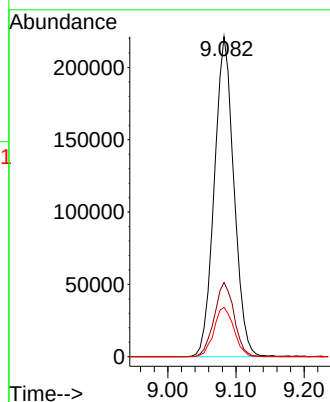
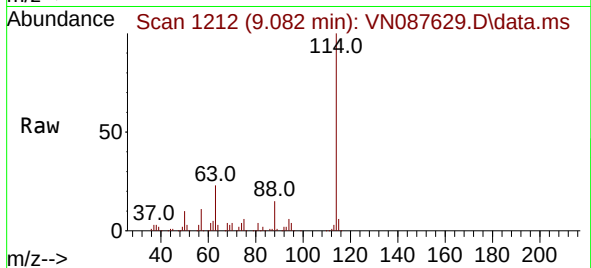




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087629.D
Acq: 22 Aug 2025 10:26

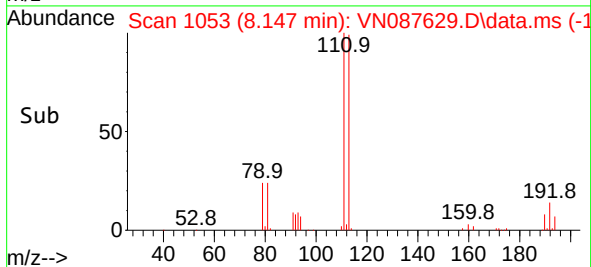
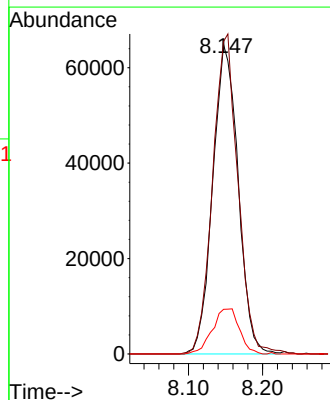
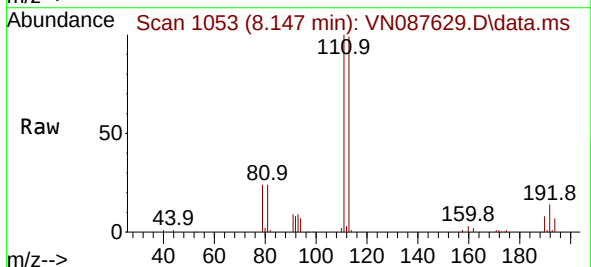
Instrument :
MSVOA_N
ClientSampleId :
VN0822MBL01

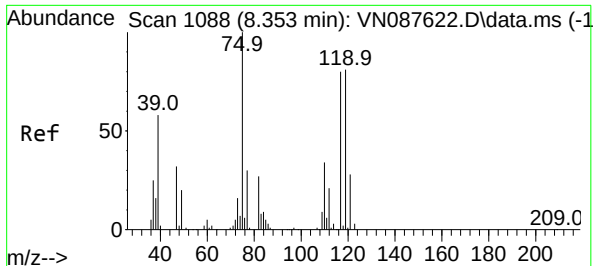
Tgt Ion:114 Resp: 442627
Ion Ratio Lower Upper
114 100
63 23.2 0.0 45.2
88 15.4 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.214 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087629.D
Acq: 22 Aug 2025 10:26

Tgt Ion:113 Resp: 154081
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 15.6 12.8 19.2

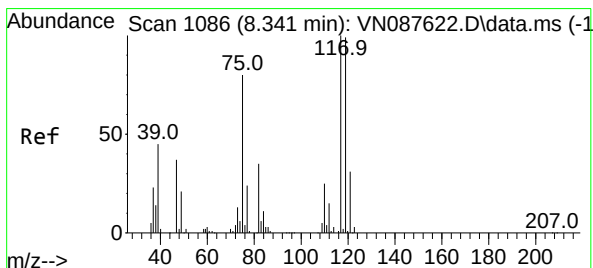
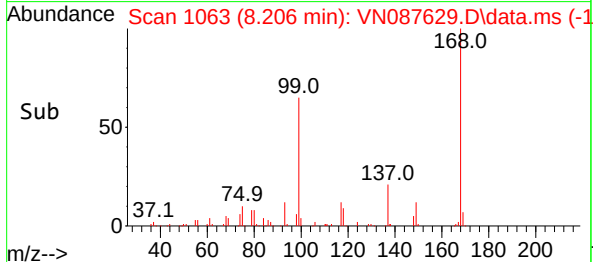
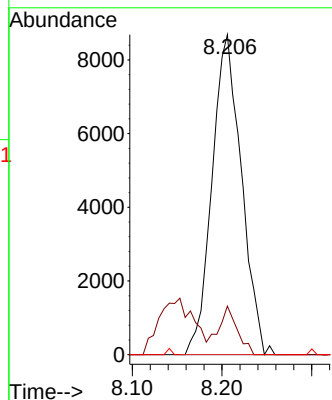
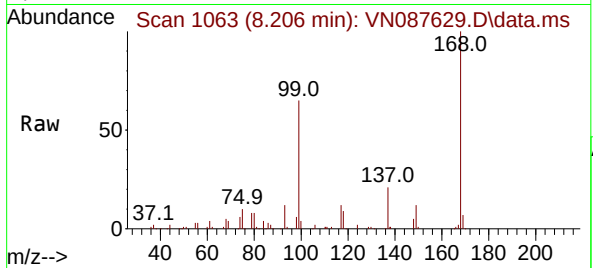




#36
1,1-Dichloropropene
Concen: 4.031 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.147 min
Lab File: VN087629.D
Acq: 22 Aug 2025 10:26

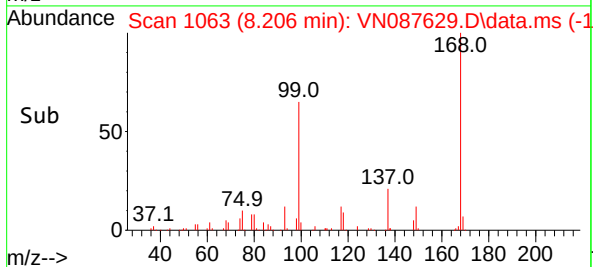
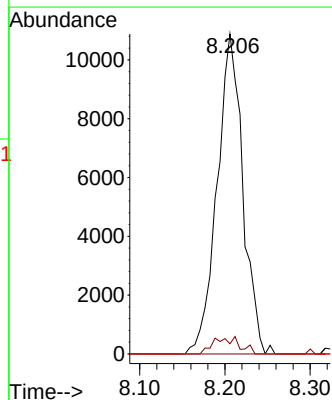
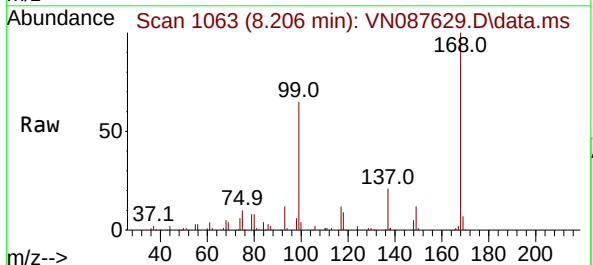
Instrument :
MSVOA_N
ClientSampleId :
VN0822MBL01

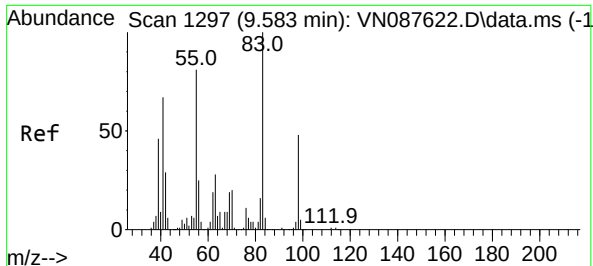
Tgt Ion: 75 Resp: 19762
Ion Ratio Lower Upper
75 100
110 9.8 15.9 47.6#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.715 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.135 min
Lab File: VN087629.D
Acq: 22 Aug 2025 10:26

Tgt Ion: 117 Resp: 22821
Ion Ratio Lower Upper
117 100
119 3.2 79.0 118.6#
121 0.0 25.0 37.6#





#39

Methylcyclohexane

Concen: 0.278 ug/l

RT: 9.588 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087629.D

Acq: 22 Aug 2025 10:26

Instrument :

MSVOA_N

ClientSampleId :

VN0822MBL01

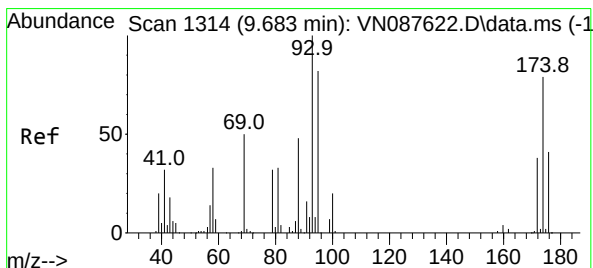
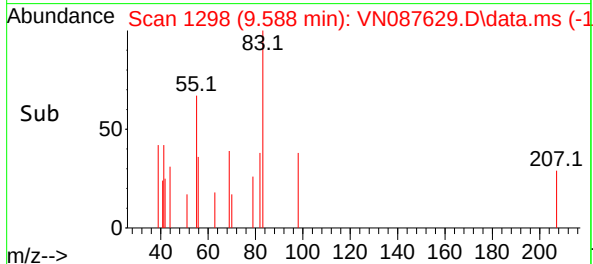
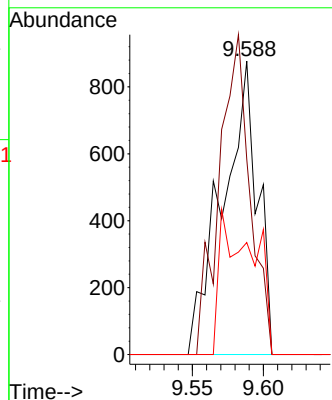
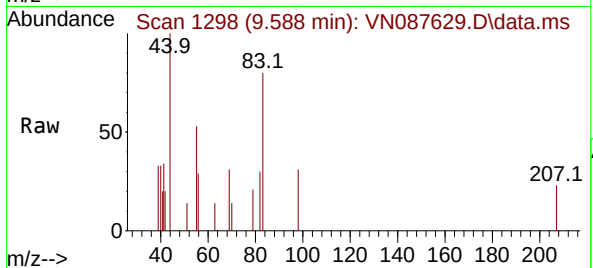
Tgt Ion: 83 Resp: 1500

Ion Ratio Lower Upper

83 100

55 66.6 64.6 96.8

98 38.2 38.4 57.6#



#49

1,4-Dioxane

Concen: 0.904 ug/l

RT: 9.741 min Scan# 1324

Delta R.T. 0.059 min

Lab File: VN087629.D

Acq: 22 Aug 2025 10:26

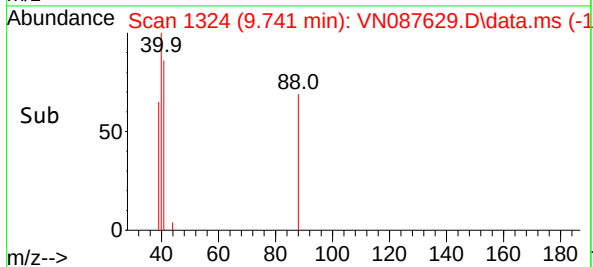
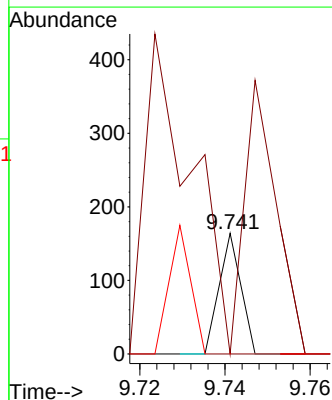
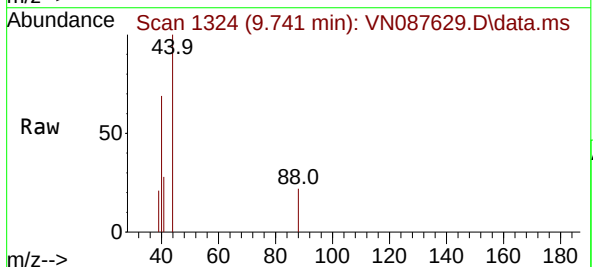
Tgt Ion: 88 Resp: 58

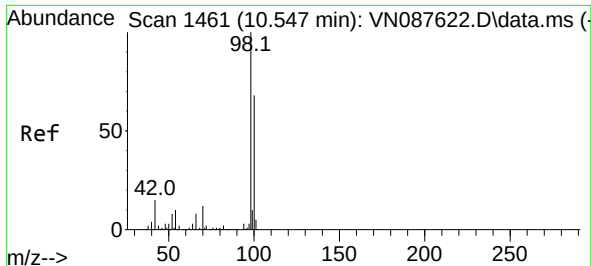
Ion Ratio Lower Upper

88 100

43 332.8 0.0 0.0#

58 0.0 57.9 86.9#

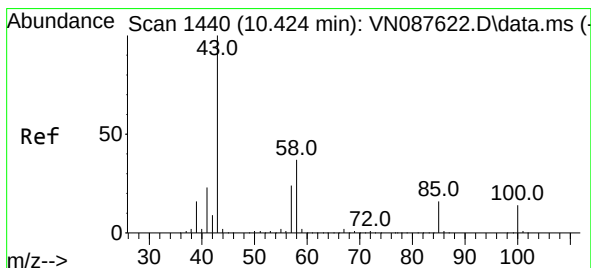
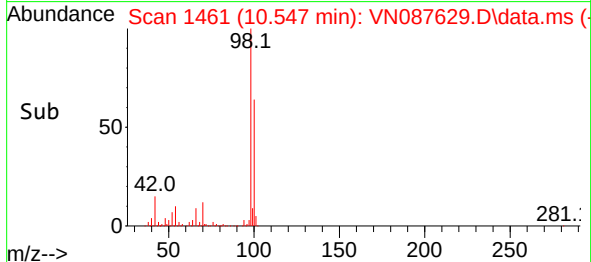
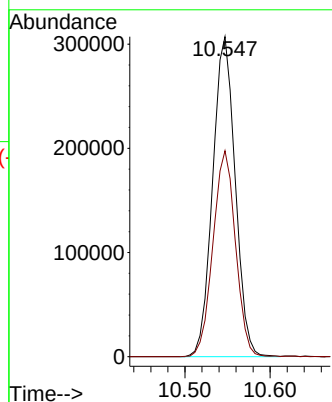
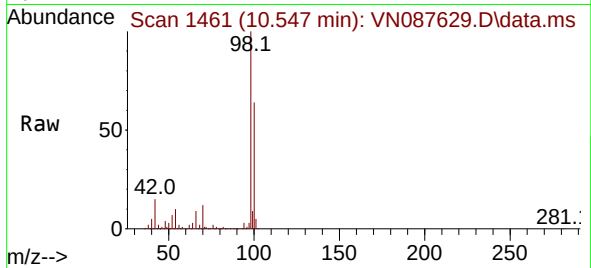




#50
Toluene-d8
Concen: 47.149 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087629.D
Acq: 22 Aug 2025 10:26

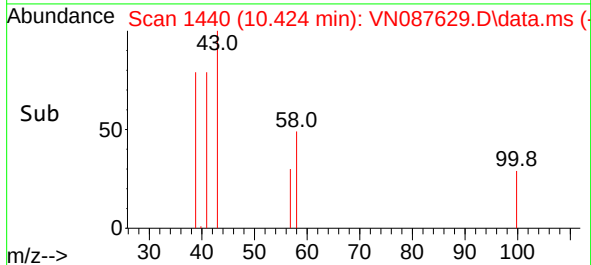
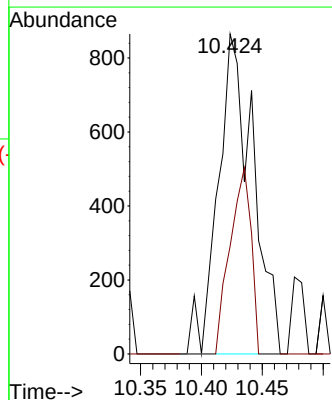
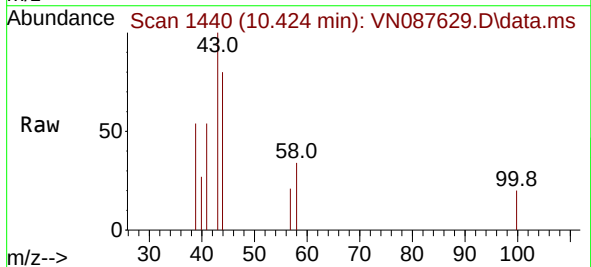
Instrument :
MSVOA_N
ClientSampleId :
VN0822MBL01

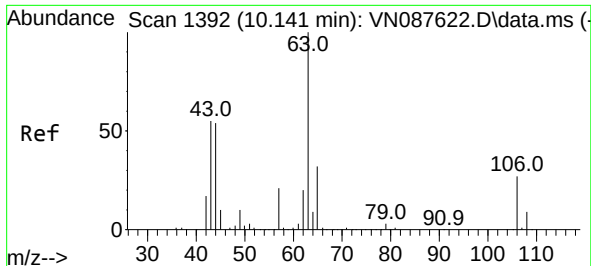
Tgt Ion: 98 Resp: 563954
Ion Ratio Lower Upper
98 100
100 64.3 52.8 79.2



#51
4-Methyl-2-Pentanone
Concen: 0.274 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087629.D
Acq: 22 Aug 2025 10:26

Tgt Ion: 43 Resp: 1726
Ion Ratio Lower Upper
43 100
58 35.2 29.6 44.4

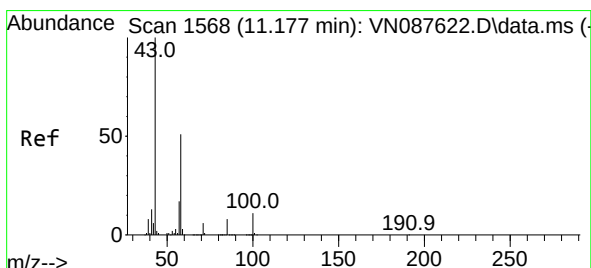
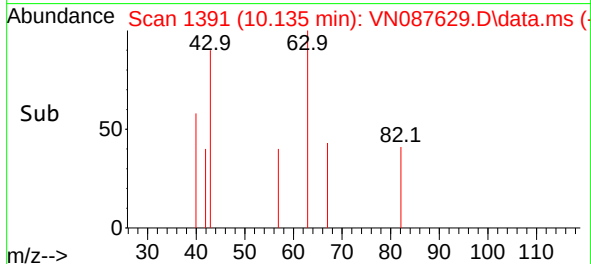
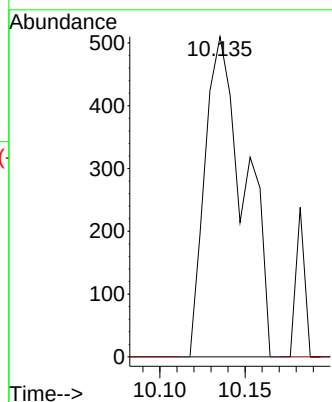
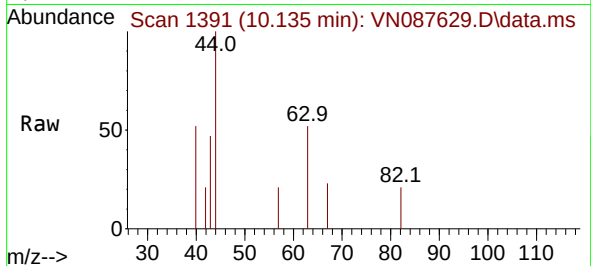




#58
2-Chloroethyl Vinyl ether
Concen: 0.266 ug/l
RT: 10.135 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087629.D
Acq: 22 Aug 2025 10:26

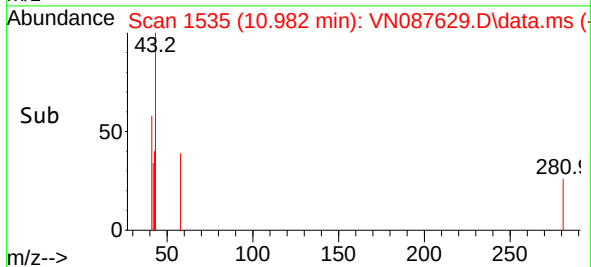
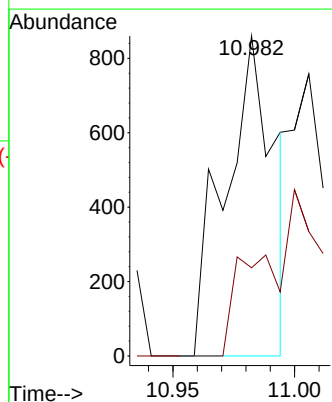
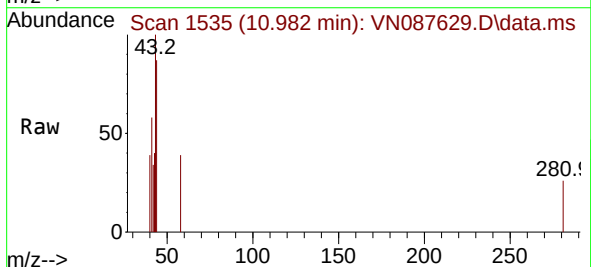
Instrument :
MSVOA_N
ClientSampleId :
VN0822MBL01

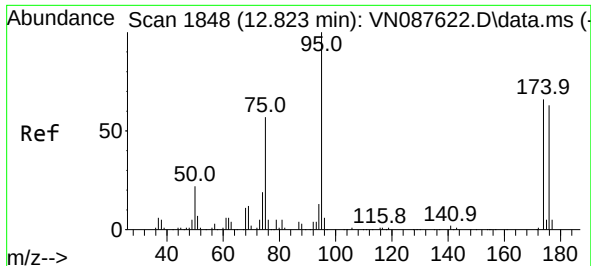
Tgt Ion: 63 Resp: 829
Ion Ratio Lower Upper
63 100
106 0.0 21.1 31.7#



#59
2-Hexanone
Concen: 0.302 ug/l
RT: 10.982 min Scan# 1535
Delta R.T. -0.194 min
Lab File: VN087629.D
Acq: 22 Aug 2025 10:26

Tgt Ion: 43 Resp: 1203
Ion Ratio Lower Upper
43 100
58 64.8 25.9 77.8

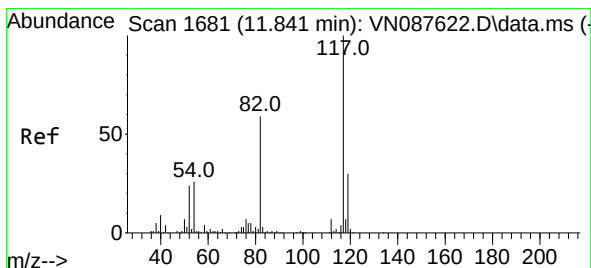
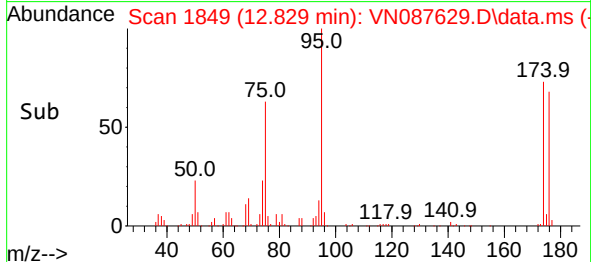
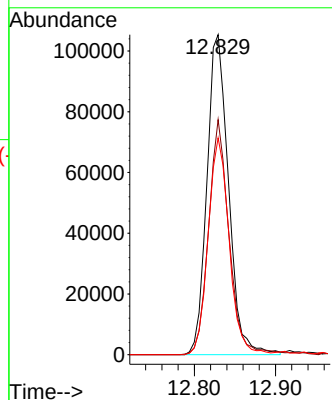
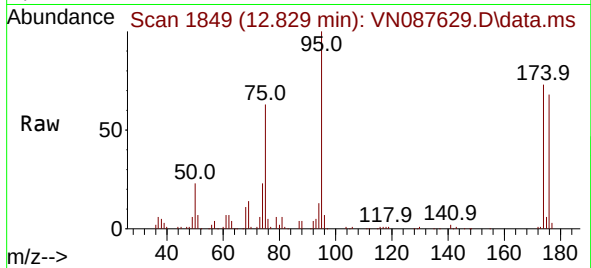




#62
4-Bromofluorobenzene
Concen: 45.778 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087629.D
Acq: 22 Aug 2025 10:26

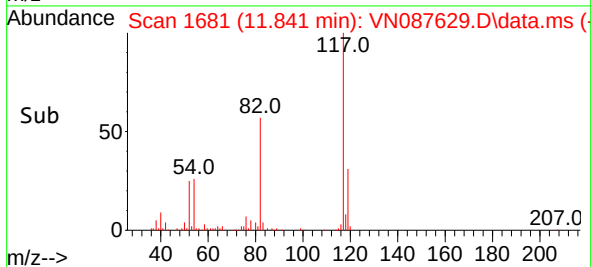
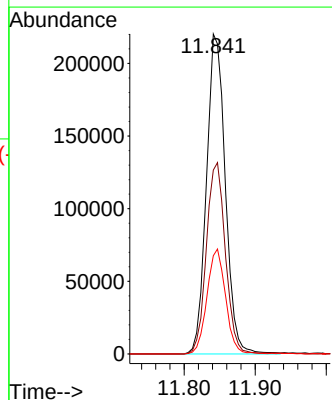
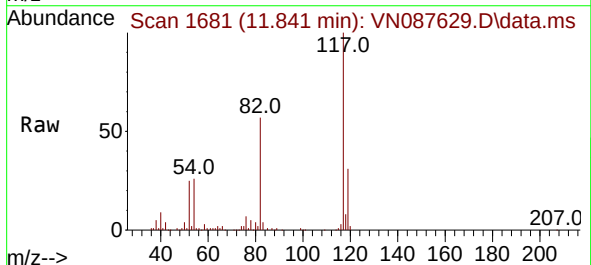
Instrument :
MSVOA_N
ClientSampleId :
VN0822MBL01

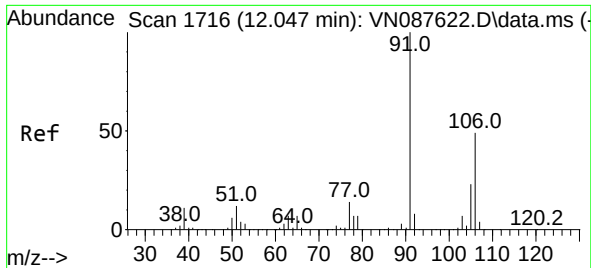
Tgt Ion: 95 Resp: 194727
Ion Ratio Lower Upper
95 100
174 70.0 0.0 138.4
176 65.8 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN087629.D
Acq: 22 Aug 2025 10:26

Tgt Ion: 117 Resp: 406386
Ion Ratio Lower Upper
117 100
82 57.5 47.4 71.2
119 30.7 24.3 36.5

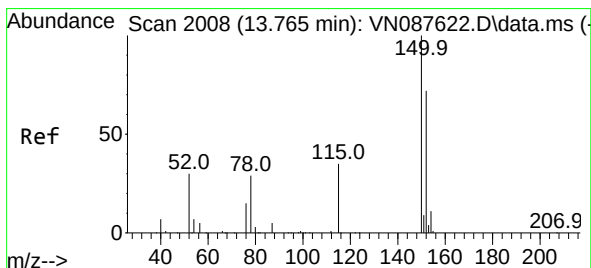
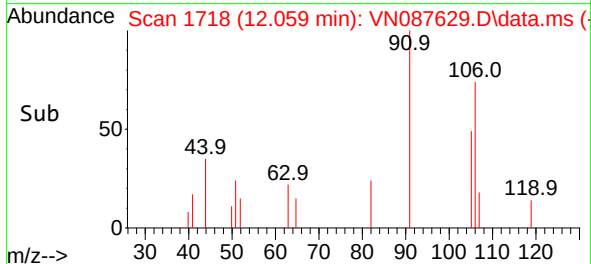
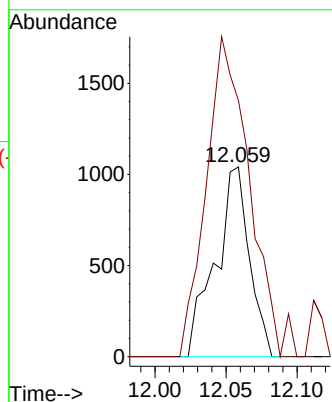
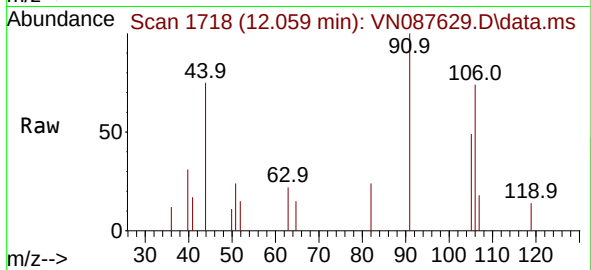




#68
m/p-Xylenes
Concen: 0.269 ug/l
RT: 12.059 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN087629.D
Acq: 22 Aug 2025 10:26

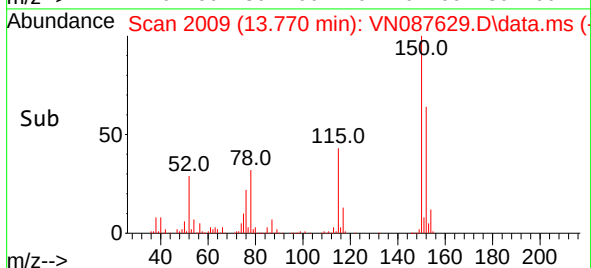
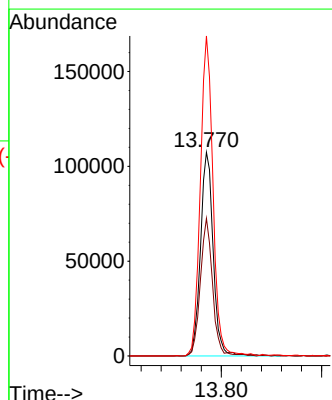
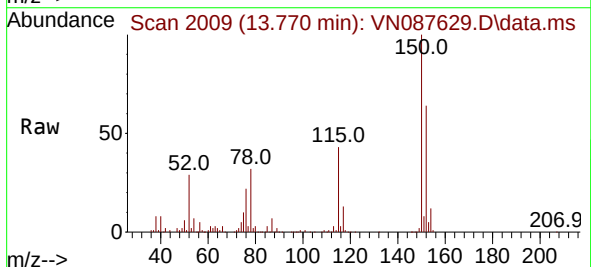
Instrument :
MSVOA_N
ClientSampleId :
VN0822MBL01

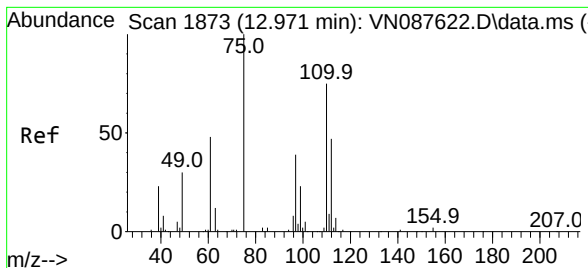
Tgt Ion:106 Resp: 1730
Ion Ratio Lower Upper
106 100
91 215.2 169.3 253.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087629.D
Acq: 22 Aug 2025 10:26

Tgt Ion:152 Resp: 189177
Ion Ratio Lower Upper
152 100
115 64.7 32.3 96.8
150 155.9 0.0 351.0

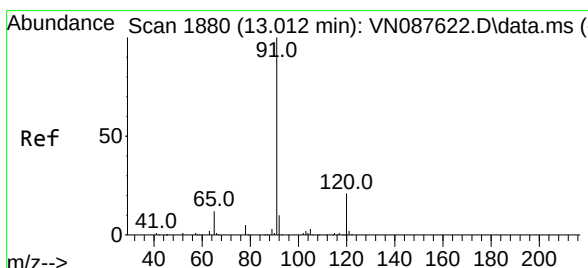
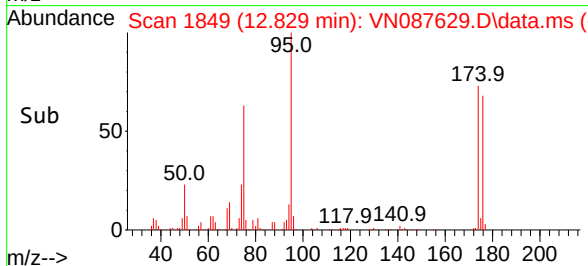
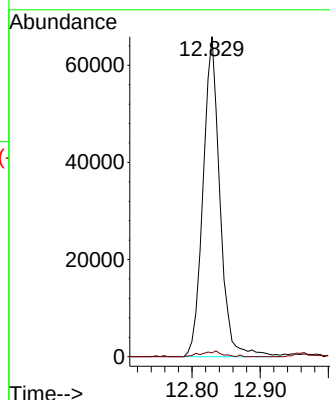
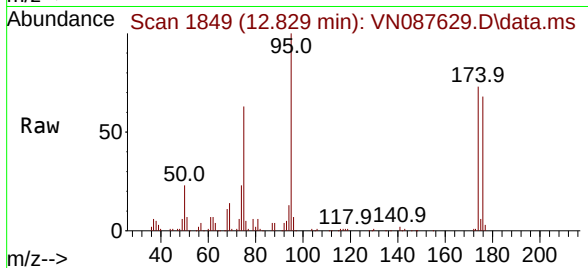




#76
1,2,3-Trichloropropane
Concen: 25.520 ug/l
RT: 12.829 min Scan# 1873
Delta R.T. -0.141 min
Lab File: VN087629.D
Acq: 22 Aug 2025 10:26

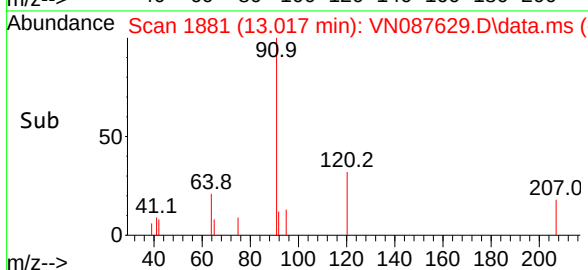
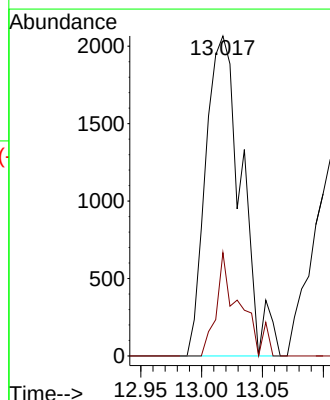
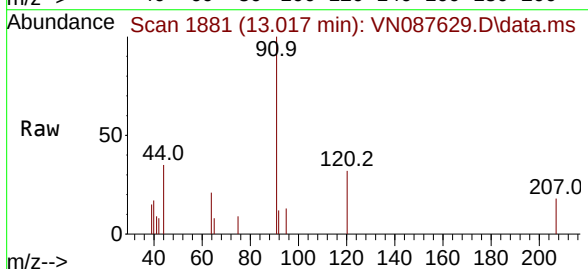
Instrument :
MSVOA_N
ClientSampleId :
VN0822MBL01

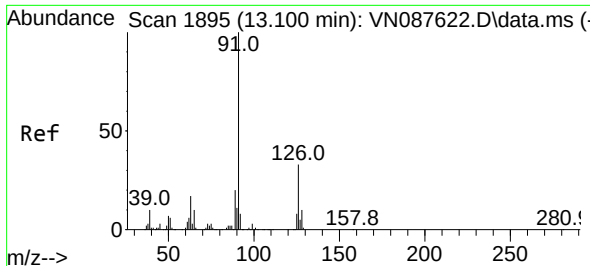
Tgt Ion: 75 Resp: 113214
Ion Ratio Lower Upper
75 100
77 2.1 89.1 267.4#



#78
n-propylbenzene
Concen: 0.225 ug/l
RT: 13.017 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN087629.D
Acq: 22 Aug 2025 10:26

Tgt Ion: 91 Resp: 4234
Ion Ratio Lower Upper
91 100
120 21.1 10.7 32.1

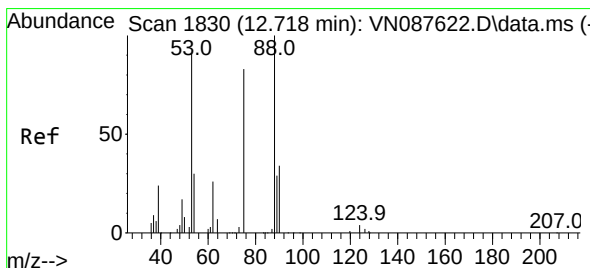
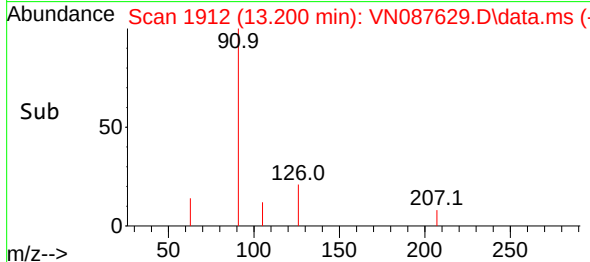
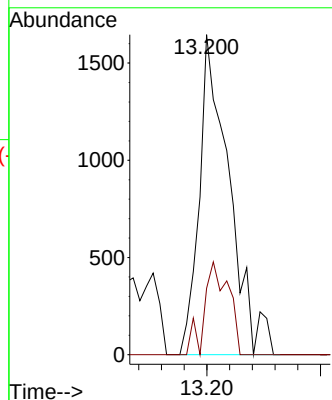
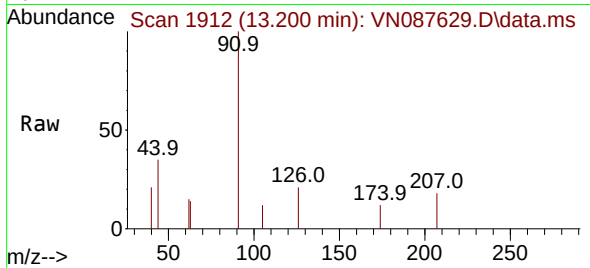




#79
2-Chlorotoluene
Concen: 0.266 ug/l
RT: 13.200 min Scan# 1895
Delta R.T. 0.100 min
Lab File: VN087629.D
Acq: 22 Aug 2025 10:26

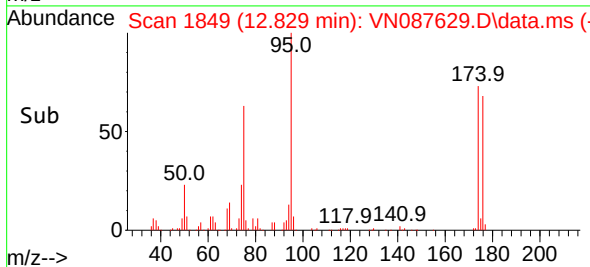
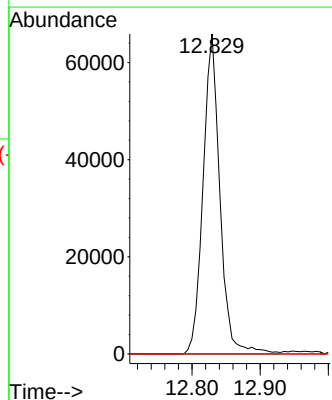
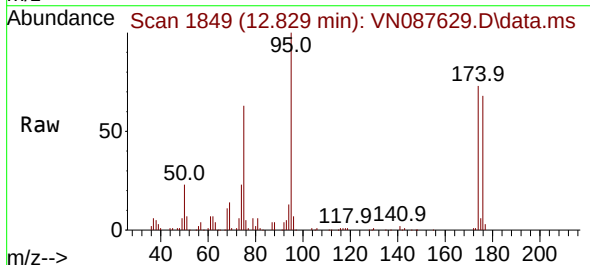
Instrument :
MSVOA_N
ClientSampleId :
VN0822MBL01

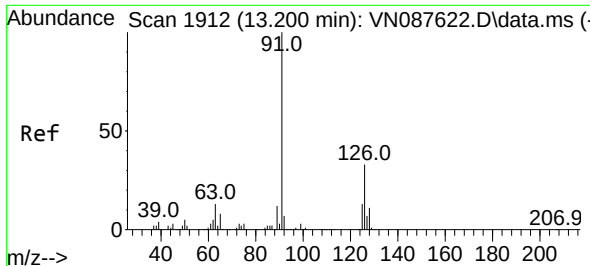
Tgt Ion: 91 Resp: 3013
Ion Ratio Lower Upper
91 100
126 23.6 16.1 48.3



#81
trans-1,4-Dichloro-2-butene
Concen: 67.561 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.112 min
Lab File: VN087629.D
Acq: 22 Aug 2025 10:26

Tgt Ion: 75 Resp: 113214
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 35.6 53.4#

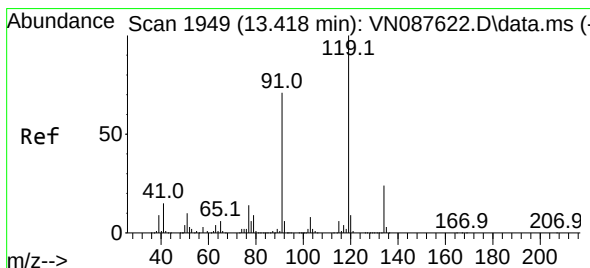
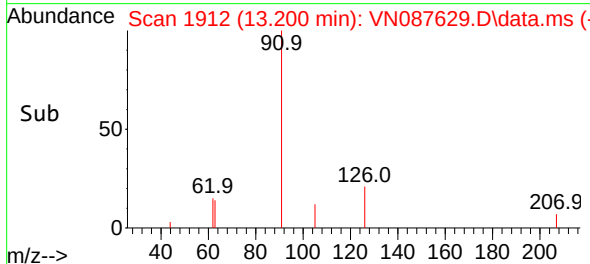
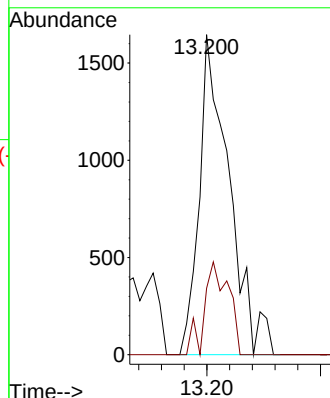
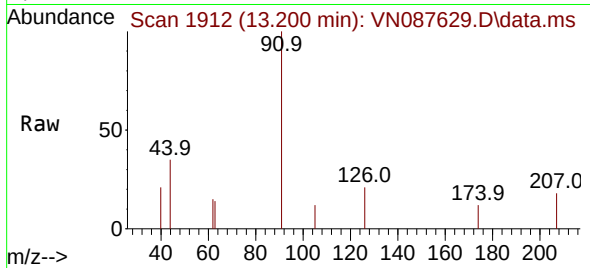




#82
4-Chlorotoluene
Concen: 0.253 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087629.D
Acq: 22 Aug 2025 10:26

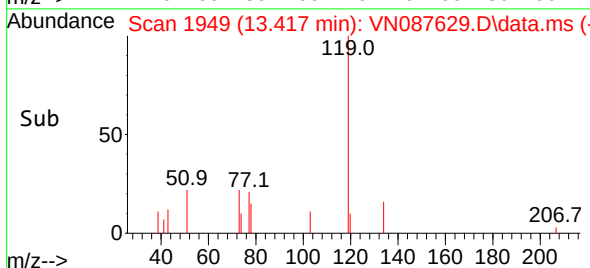
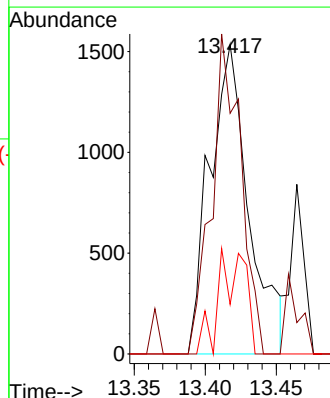
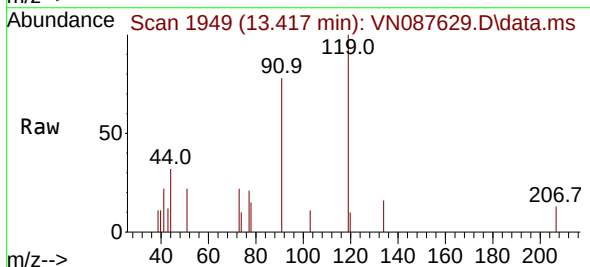
Instrument :
MSVOA_N
ClientSampleId :
VN0822MBL01

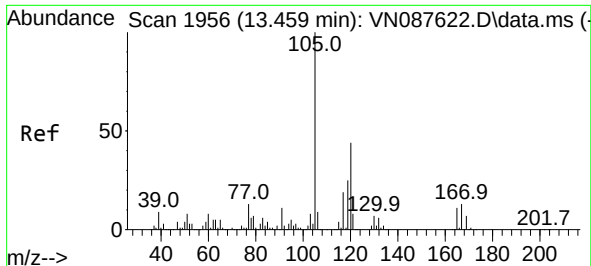
Tgt Ion: 91 Resp: 3013
Ion Ratio Lower Upper
91 100
126 23.6 15.6 46.8



#83
tert-Butylbenzene
Concen: 0.272 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN087629.D
Acq: 22 Aug 2025 10:26

Tgt Ion: 119 Resp: 2940
Ion Ratio Lower Upper
119 100
91 77.3 35.0 105.0
134 23.1 12.6 37.8

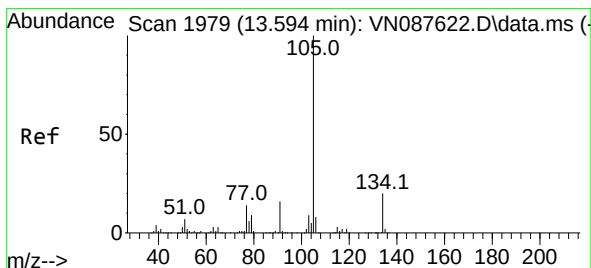
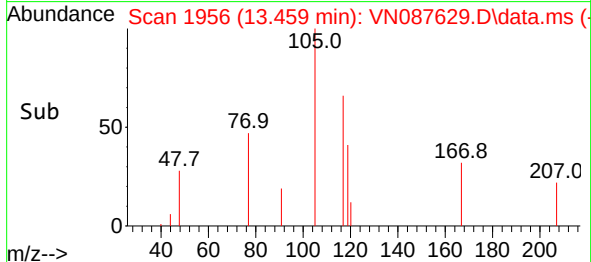
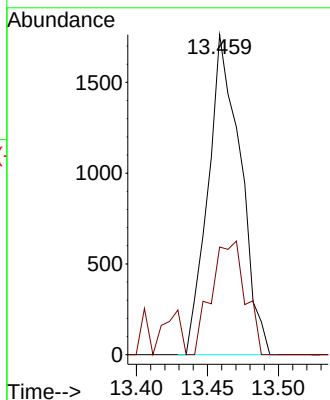
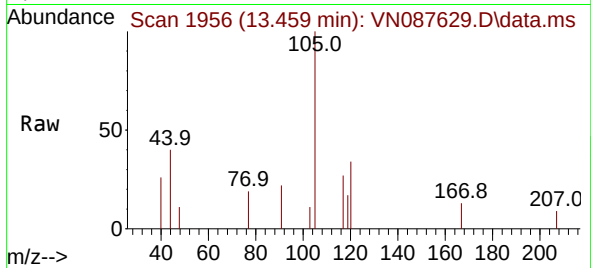




#84
1,2,4-Trimethylbenzene
Concen: 0.215 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087629.D
Acq: 22 Aug 2025 10:26

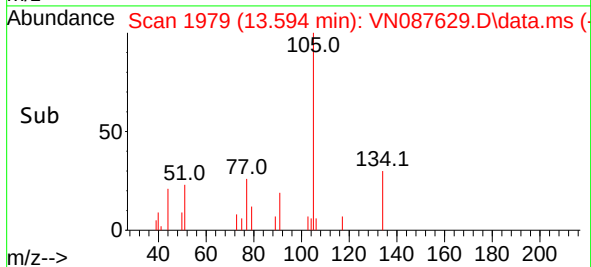
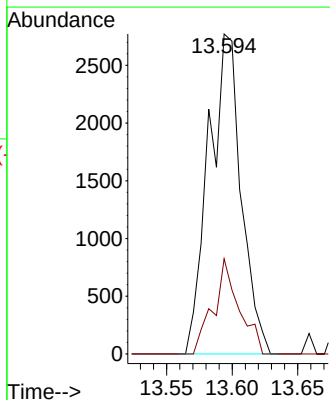
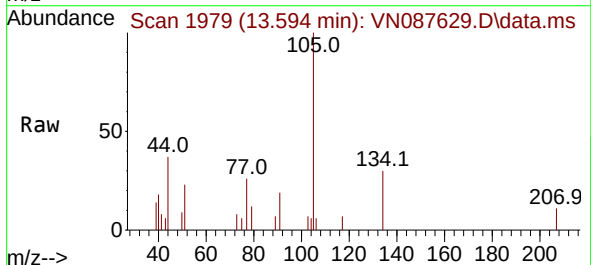
Instrument :
MSVOA_N
ClientSampleId :
VN0822MBL01

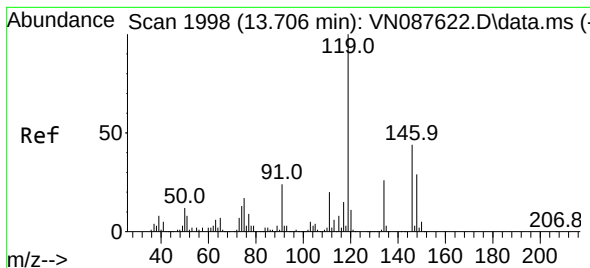
Tgt Ion:105 Resp: 2796
Ion Ratio Lower Upper
105 100
120 37.2 22.0 66.0



#85
sec-Butylbenzene
Concen: 0.297 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VN087629.D
Acq: 22 Aug 2025 10:26

Tgt Ion:105 Resp: 4765
Ion Ratio Lower Upper
105 100
134 23.6 9.6 28.6





#86

p-Isopropyltoluene

Concen: 0.256 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. 0.006 min

Lab File: VN087629.D

Acq: 22 Aug 2025 10:26

Instrument :

MSVOA_N

ClientSampleId :

VN0822MBL01

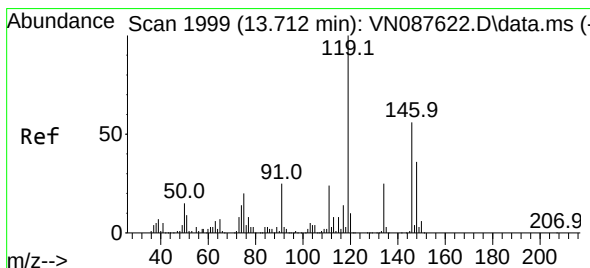
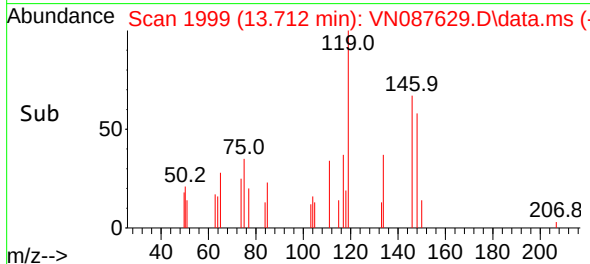
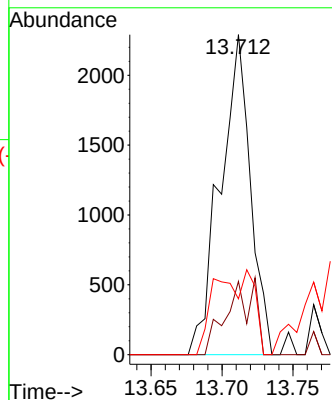
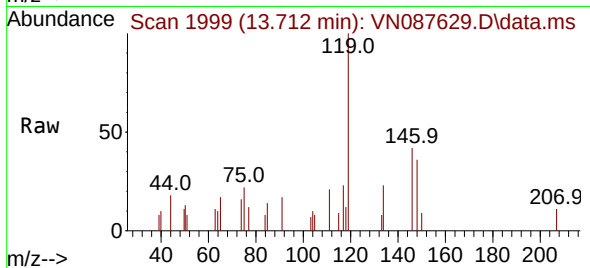
Tgt Ion:119 Resp: 3392

Ion Ratio Lower Upper

119 100

134 21.5 12.7 38.0

91 33.9 12.5 37.5



#87

1,3-Dichlorobenzene

Concen: 0.271 ug/l

RT: 13.717 min Scan# 2000

Delta R.T. 0.006 min

Lab File: VN087629.D

Acq: 22 Aug 2025 10:26

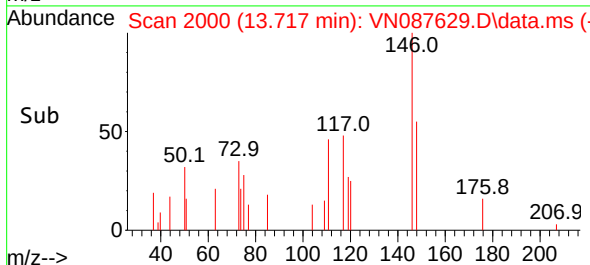
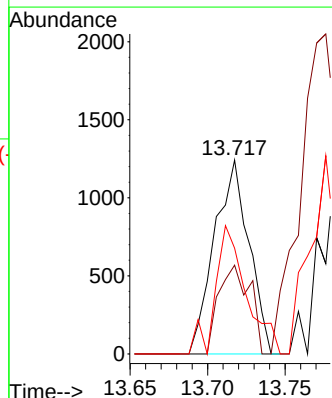
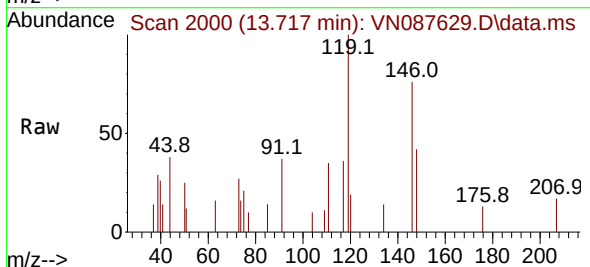
Tgt Ion:146 Resp: 1925

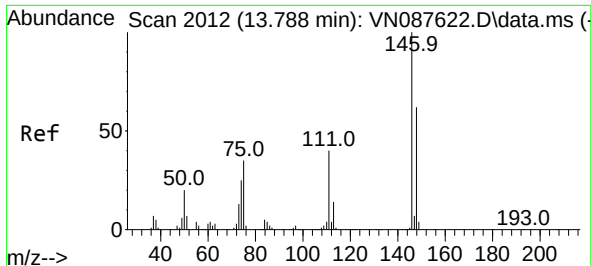
Ion Ratio Lower Upper

146 100

111 41.4 22.1 66.5

148 59.3 32.0 96.2

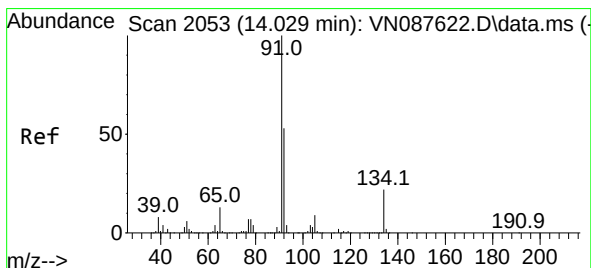
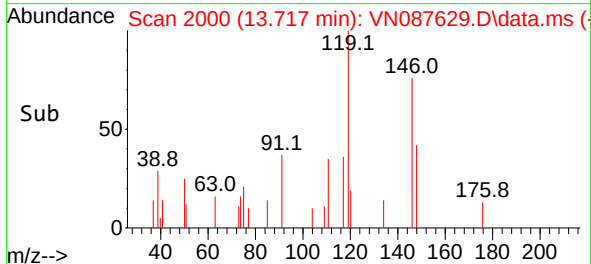
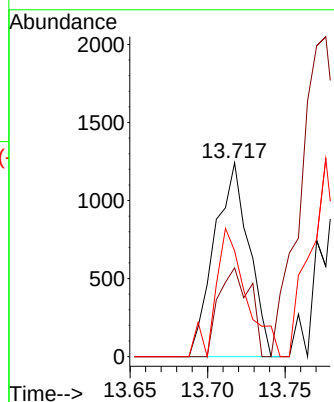
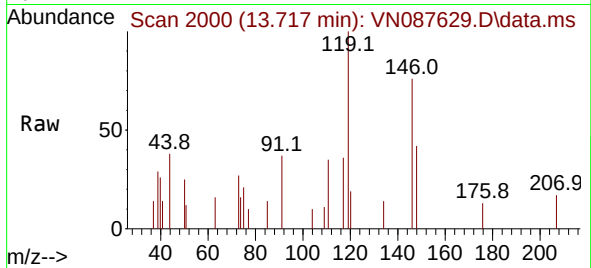




#88
1,4-Dichlorobenzene
Concen: 0.261 ug/l
RT: 13.717 min Scan# 2000
Delta R.T. -0.071 min
Lab File: VN087629.D
Acq: 22 Aug 2025 10:26

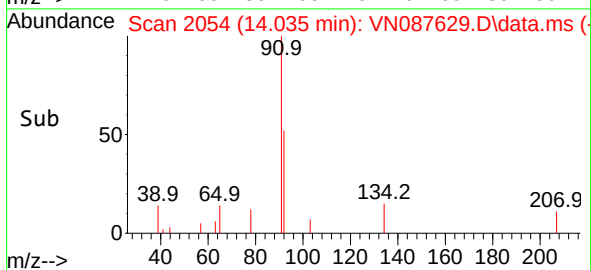
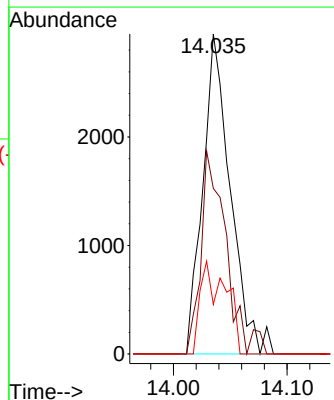
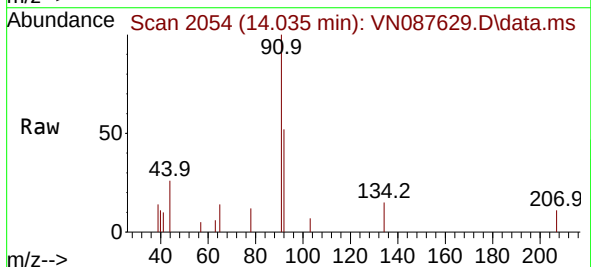
Instrument :
MSVOA_N
ClientSampleId :
VN0822MBL01

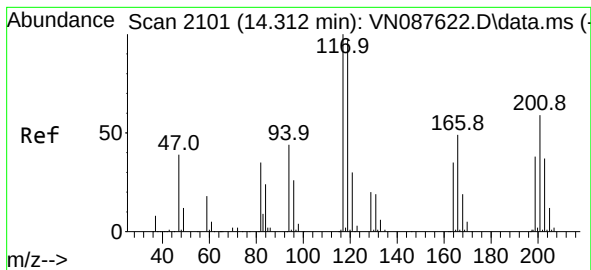
Tgt Ion:	146	Resp:	1925
Ion	Ratio	Lower	Upper
146	100		
111	41.4	21.0	63.0
148	59.3	32.0	96.0



#89
n-Butylbenzene
Concen: 0.377 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VN087629.D
Acq: 22 Aug 2025 10:26

Tgt Ion:	91	Resp:	4961
Ion	Ratio	Lower	Upper
91	100		
92	57.9	25.9	77.8
134	13.5	11.7	35.0





#90

Hexachloroethane

Concen: 0.210 ug/l

RT: 14.323 min Scan# 2103

Delta R.T. 0.012 min

Lab File: VN087629.D

Acq: 22 Aug 2025 10:26

Instrument :

MSVOA_N

ClientSampleId :

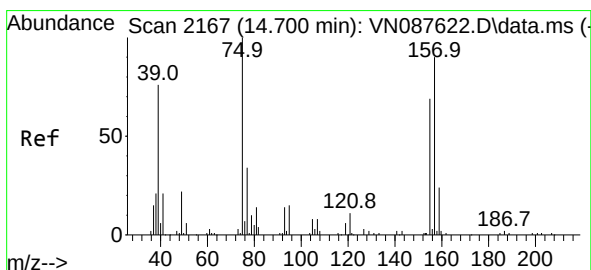
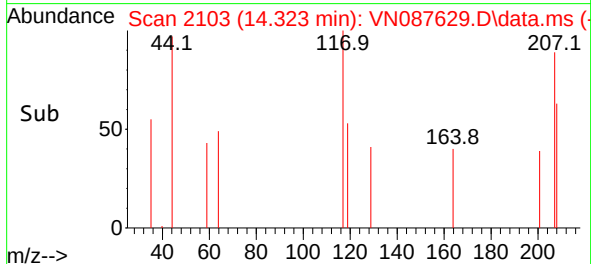
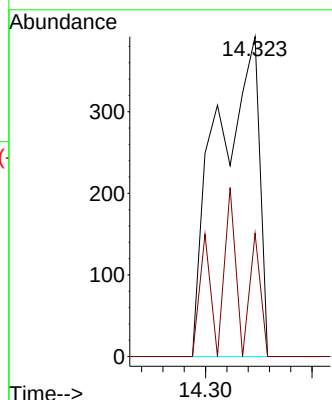
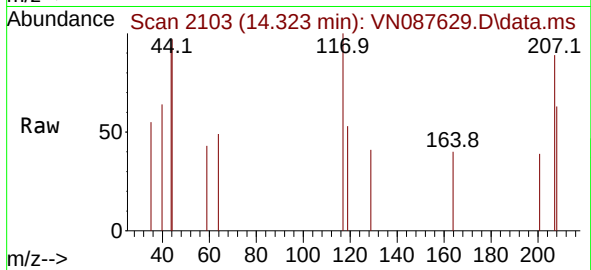
VN0822MBL01

Tgt Ion:117 Resp: 531

Ion Ratio Lower Upper

117 100

201 23.7 29.1 87.4#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.240 ug/l

RT: 14.711 min Scan# 2169

Delta R.T. 0.012 min

Lab File: VN087629.D

Acq: 22 Aug 2025 10:26

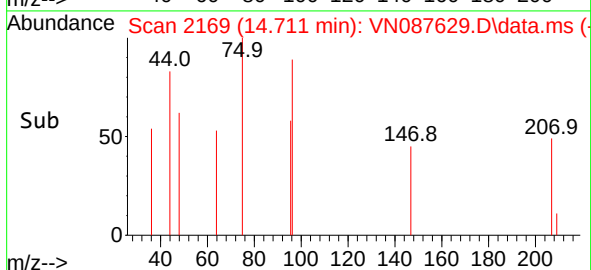
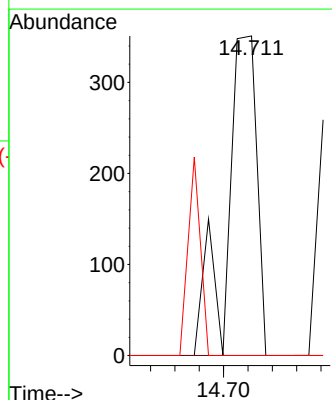
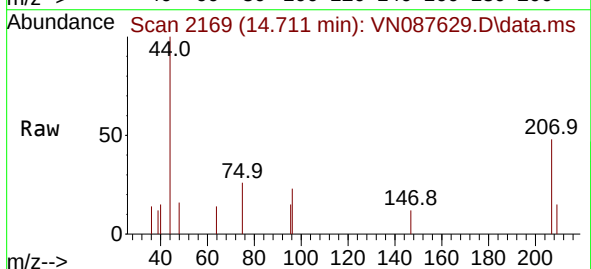
Tgt Ion: 75 Resp: 300

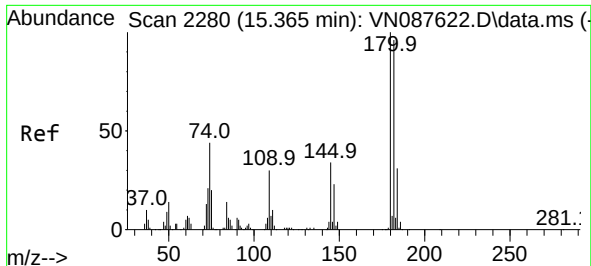
Ion Ratio Lower Upper

75 100

155 0.0 36.6 109.9#

157 0.0 45.6 136.9#

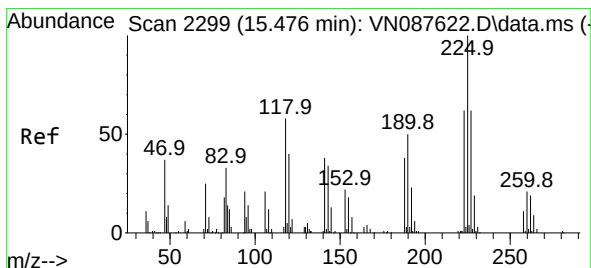
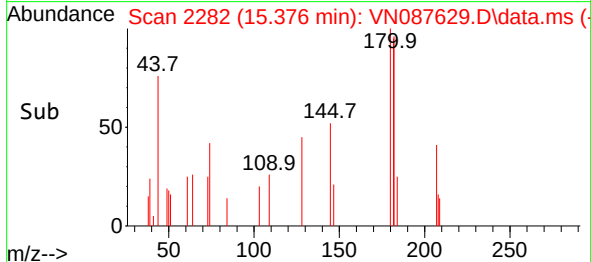
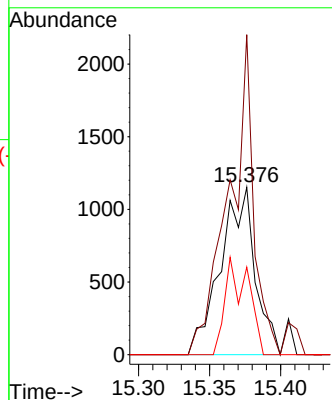
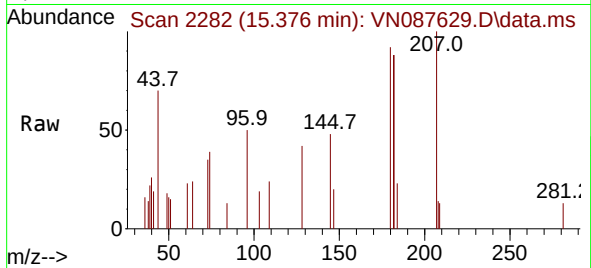




#93
 1,2,4-Trichlorobenzene
 Concen: 0.483 ug/l
 RT: 15.376 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VN087629.D
 Acq: 22 Aug 2025 10:26

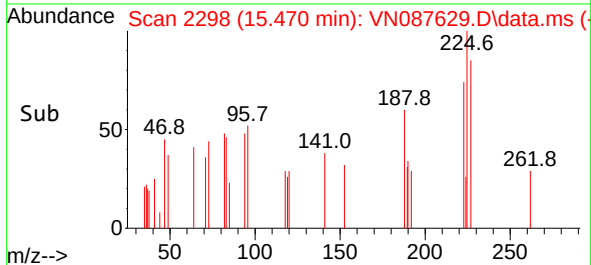
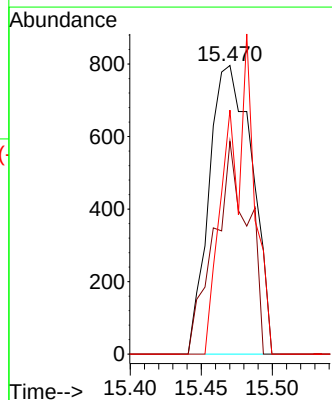
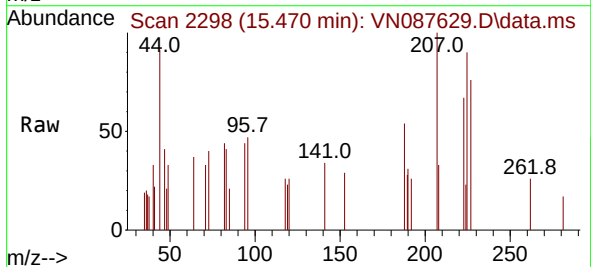
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0822MBL01

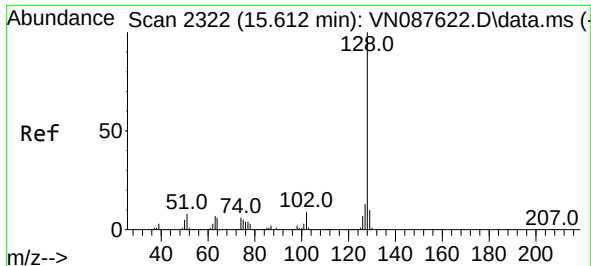
Tgt Ion:180 Resp: 1955
 Ion Ratio Lower Upper
 180 100
 182 135.9 47.6 142.9
 145 38.4 16.5 49.5



#94
 Hexachlorobutadiene
 Concen: 1.165 ug/l
 RT: 15.470 min Scan# 2298
 Delta R.T. -0.006 min
 Lab File: VN087629.D
 Acq: 22 Aug 2025 10:26

Tgt Ion:225 Resp: 1680
 Ion Ratio Lower Upper
 225 100
 223 58.0 32.0 96.2
 227 36.5 32.1 96.5

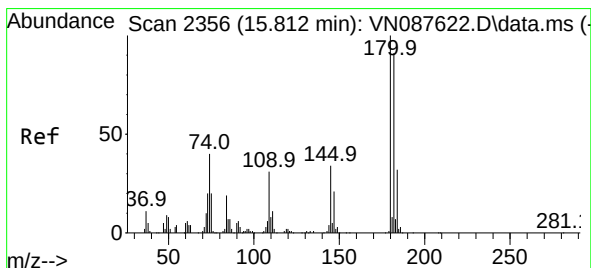
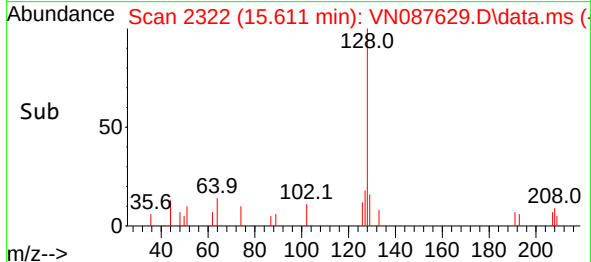
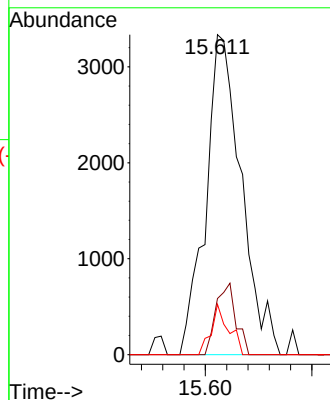
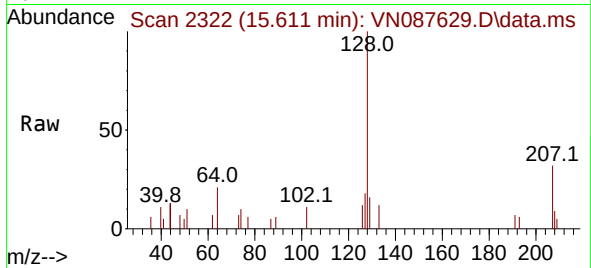




#95
Naphthalene
Concen: 0.539 ug/l
RT: 15.611 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087629.D
Acq: 22 Aug 2025 10:26

Instrument :
MSVOA_N
ClientSampleId :
VN0822MBL01

Tgt Ion:	128	Resp:	7723
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.6	15.8
129	7.7	8.6	12.8#



#96
1,2,3-Trichlorobenzene
Concen: 0.622 ug/l
RT: 15.817 min Scan# 2357
Delta R.T. 0.006 min
Lab File: VN087629.D
Acq: 22 Aug 2025 10:26

Tgt Ion:	180	Resp:	2457
Ion	Ratio	Lower	Upper
180	100		
182	78.7	46.8	140.3
145	30.5	17.3	52.0

