

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
 Data File : VN087652.D
 Acq On : 25 Aug 2025 13:16
 Operator : JC\MD
 Sample : Q2936-02DL 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 26 01:33:58 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	176671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	427727	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	385443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	189663	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	201848	55.762	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.520%	
35) Dibromofluoromethane	8.153	113	149391	48.375	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.760%	
50) Toluene-d8	10.547	98	551402	47.705	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.420%	
62) 4-Bromofluorobenzene	12.829	95	196989	47.923	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 95.840%	

Target Compounds			Qvalue			
3) Chloromethane	2.512	50	3793	1.471	ug/l #	84
4) Vinyl Chloride	2.542	62	608	0.203	ug/l #	44
10) Methyl Iodide	4.594	142	480	7.034	ug/l #	38
11) Tert butyl alcohol	5.512	59	600	0.955	ug/l	99
13) Acrolein	4.159	56	287	0.371	ug/l #	14
16) Acetone	4.430	43	2877	1.460	ug/l #	66
17) Carbon Disulfide	4.718	76	5864	0.836	ug/l #	88
20) Methylene Chloride	5.359	84	84	Below Cal	#	5
21) trans-1,2-Dichloroethene	5.783	96	721	0.261	ug/l	90
25) 2-Butanone	7.482	43	894	0.345	ug/l #	50
29) Tetrahydrofuran	7.835	42	969	0.581	ug/l #	53
31) Cyclohexane	8.212	56	6316	1.387	ug/l #	32
36) 1,1-Dichloropropene	8.200	75	18468	3.898	ug/l #	50
38) Carbon Tetrachloride	8.212	117	20148	4.307	ug/l #	17
40) Benzene	8.588	78	17639391	1213.908	ug/l	99
42) 1,2-Dichloroethane	8.588	62	173564	31.082	ug/l #	76
49) 1,4-Dioxane	9.665	88	179	2.889	ug/l #	13
52) Toluene	10.612	92	34629	3.844	ug/l	97
55) 1,1,2-Trichloroethane	10.853	97	2849	0.818	ug/l #	21
67) Ethyl Benzene	11.941	91	3410589	205.420	ug/l	100
68) m/p-Xylenes	12.053	106	270429	44.412	ug/l	100
69) o-Xylene	12.376	106	184018	30.838	ug/l	99
70) Styrene	12.376	104	10666	1.067	ug/l #	1
73) Isopropylbenzene	12.676	105	79789	5.206	ug/l	97
76) 1,2,3-Trichloropropane	12.829	75	115477	25.963	ug/l #	1
78) n-propylbenzene	13.017	91	21094	1.117	ug/l	98
79) 2-Chlorotoluene	13.106	91	26579	2.340	ug/l #	45
80) 1,3,5-Trimethylbenzene	13.153	105	45727	3.517	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.829	75	115477	68.735	ug/l #	1
82) 4-Chlorotoluene	13.153	91	3753	0.314	ug/l #	43
83) tert-Butylbenzene	13.464	119	34767	3.209	ug/l #	55
84) 1,2,4-Trimethylbenzene	13.459	105	268598	20.637	ug/l	98
85) sec-Butylbenzene	13.459	105	268598	16.706	ug/l #	58
86) p-Isopropyltoluene	13.706	119	9851	0.742	ug/l #	74
89) n-Butylbenzene	13.970	91	737687	55.947	ug/l #	44
90) Hexachloroethane	14.306	117	4718	1.865	ug/l #	22

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 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

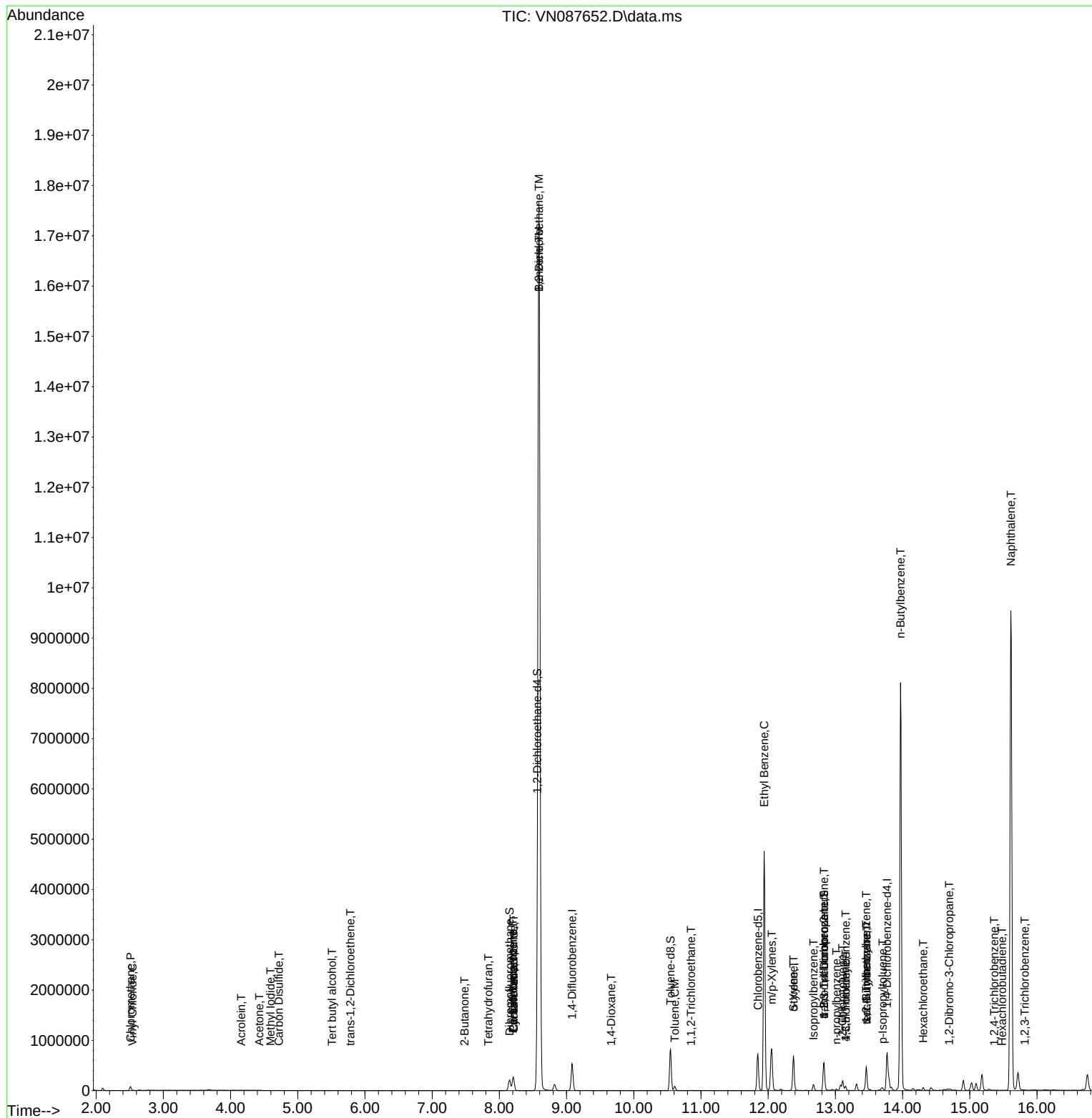
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropr...	14.694	75	256	0.204	ug/l #	8
93) 1,2,4-Trichlorobenzene	15.364	180	1409	0.348	ug/l	83
94) Hexachlorobutadiene	15.482	225	637	0.441	ug/l	67
95) Naphthalene	15.611	128	8465904	589.567	ug/l	100
96) 1,2,3-Trichlorobenzene	15.817	180	1565	0.395	ug/l	93

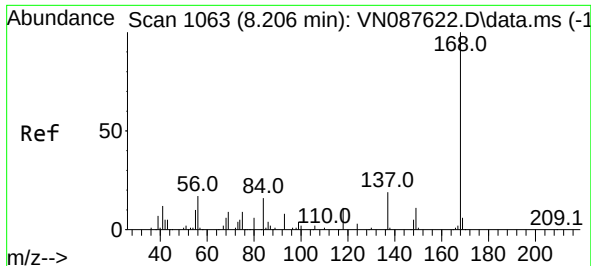
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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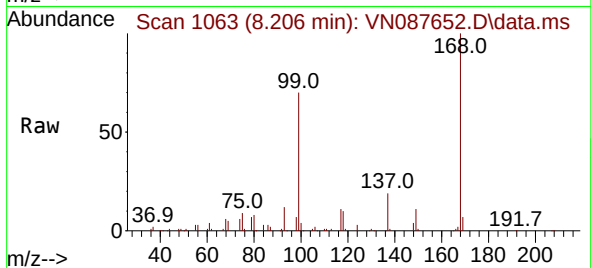


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN087652.D
Acq: 25 Aug 2025 13:16

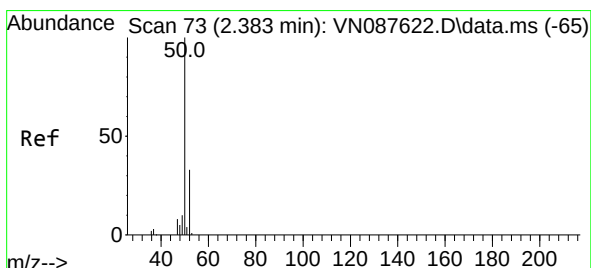
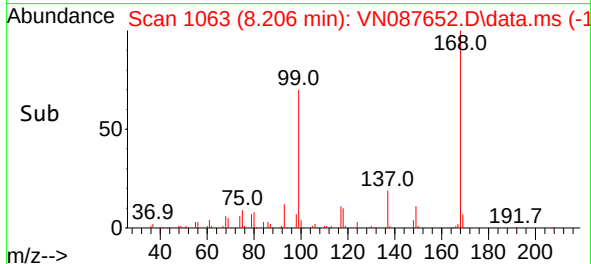
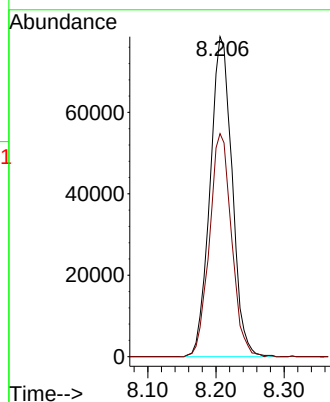
Instrument :

MSVOA_N

ClientSampleId :

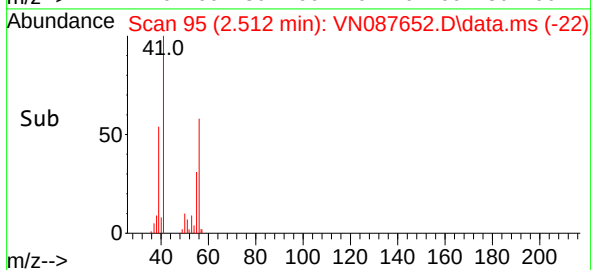
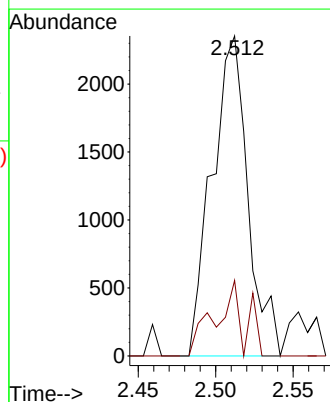
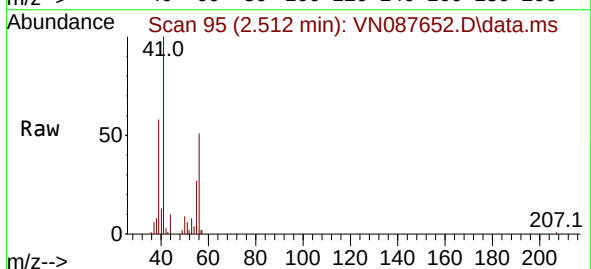


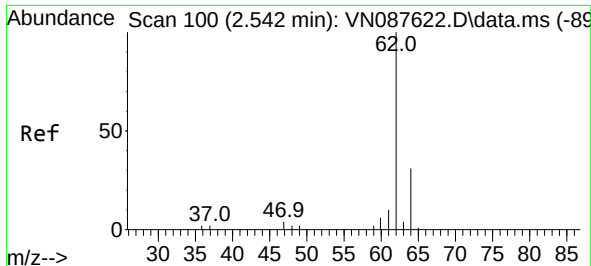
Tgt Ion:168 Resp: 176671
Ion Ratio Lower Upper
168 100
99 69.7 57.2 85.8



#3
Chloromethane
Concen: 1.471 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.129 min
Lab File: VN087652.D
Acq: 25 Aug 2025 13:16

Tgt Ion: 50 Resp: 3793
Ion Ratio Lower Upper
50 100
52 23.6 26.2 39.4#

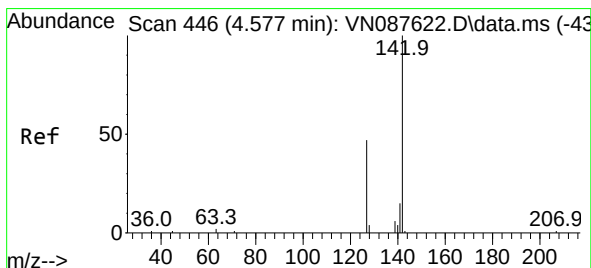
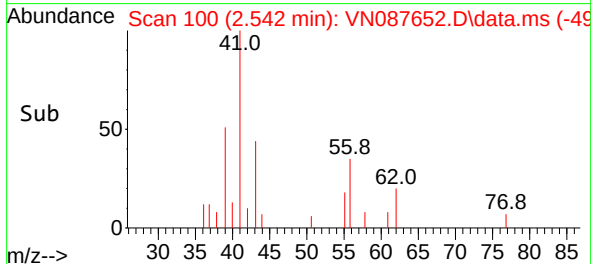
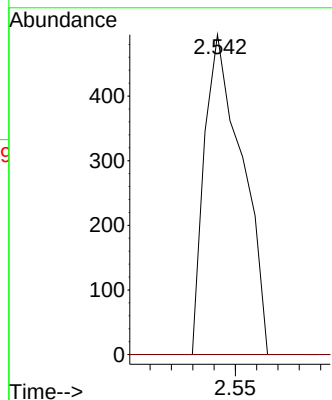
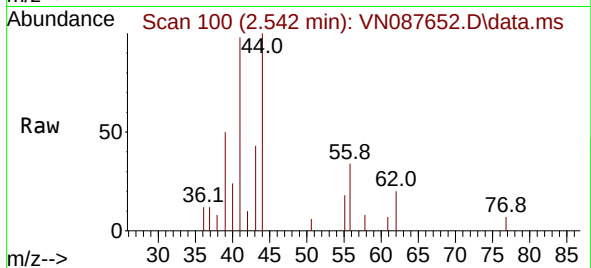




#4
 Vinyl Chloride
 Concen: 0.203 ug/l
 RT: 2.542 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: VN087652.D
 Acq: 25 Aug 2025 13:16

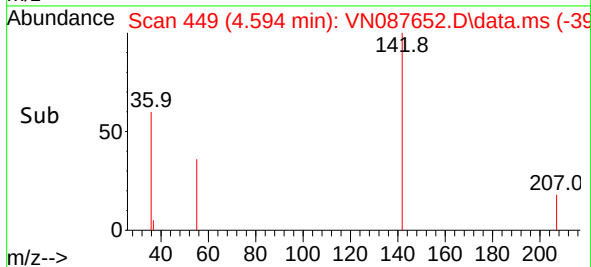
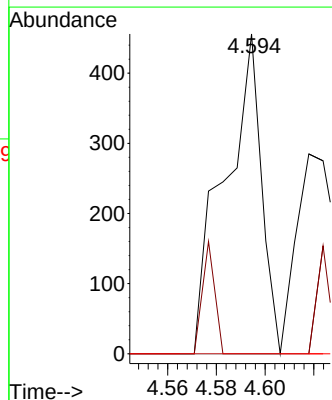
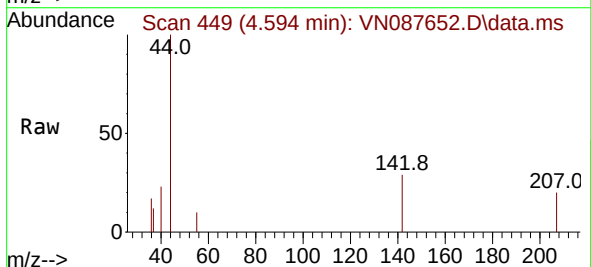
Instrument :
 MSVOA_N
 ClientSampleId :

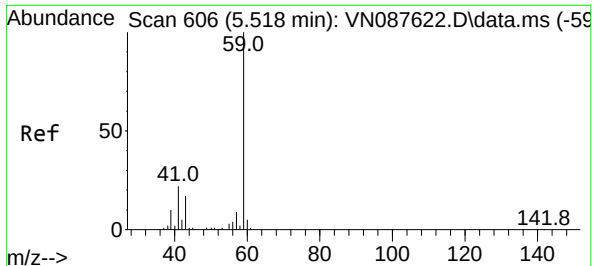
Tgt Ion: 62 Resp: 608
 Ion Ratio Lower Upper
 62 100
 64 0.0 24.6 37.0#



#10
 Methyl Iodide
 Concen: 7.034 ug/l
 RT: 4.594 min Scan# 449
 Delta R.T. 0.017 min
 Lab File: VN087652.D
 Acq: 25 Aug 2025 13:16

Tgt Ion:142 Resp: 480
 Ion Ratio Lower Upper
 142 100
 127 0.0 38.0 57.0#
 141 0.0 12.0 18.0#





#11

Tert butyl alcohol

Concen: 0.955 ug/l

RT: 5.512 min Scan# 606

Delta R.T. -0.006 min

Lab File: VN087652.D

Acq: 25 Aug 2025 13:16

Instrument :

MSVOA_N

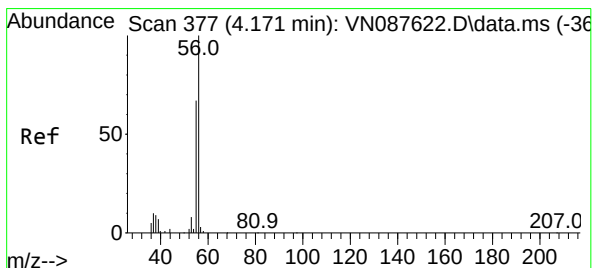
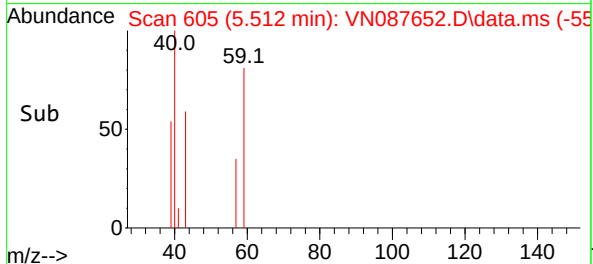
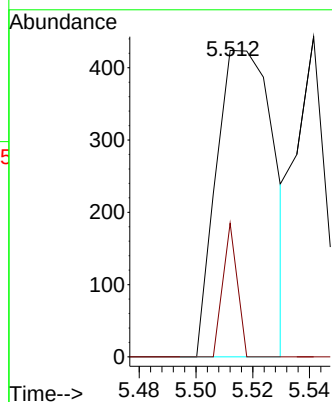
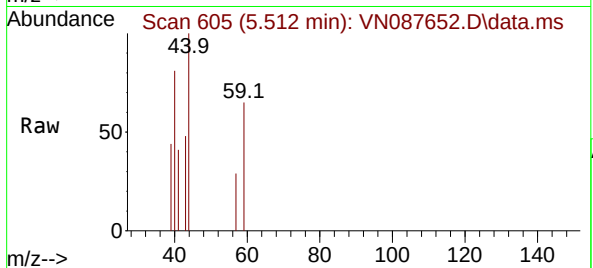
ClientSampleId :

Tgt Ion: 59 Resp: 600

Ion Ratio Lower Upper

59 100

57 10.8 9.0 13.4



#13

Acrolein

Concen: 0.371 ug/l

RT: 4.159 min Scan# 375

Delta R.T. -0.012 min

Lab File: VN087652.D

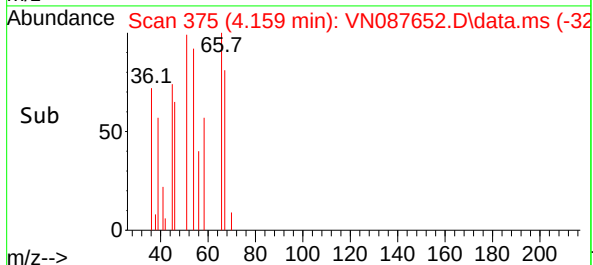
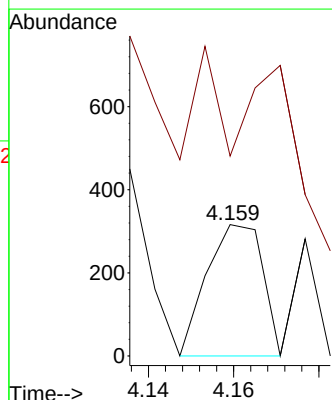
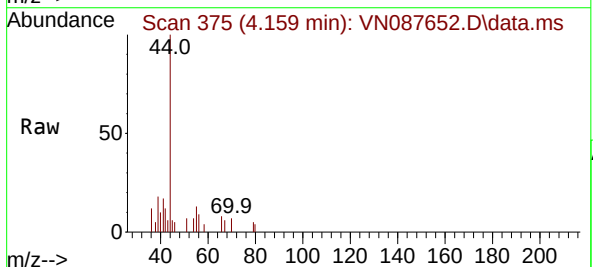
Acq: 25 Aug 2025 13:16

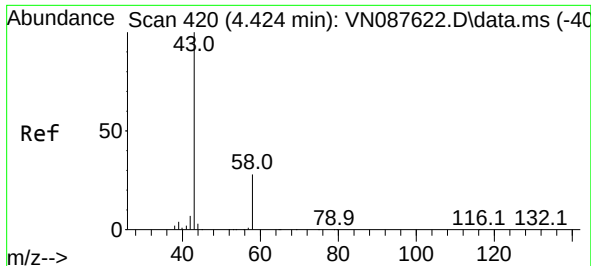
Tgt Ion: 56 Resp: 287

Ion Ratio Lower Upper

56 100

55 0.0 57.3 85.9#

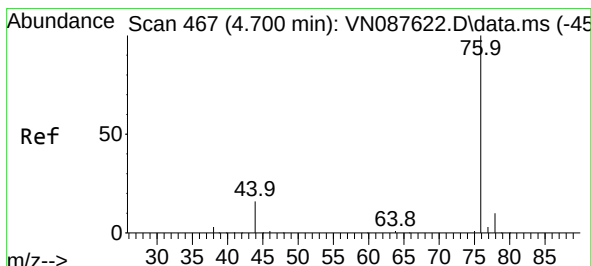
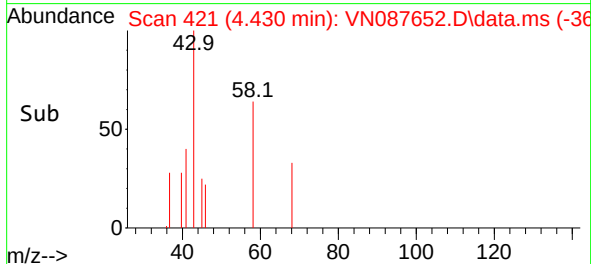
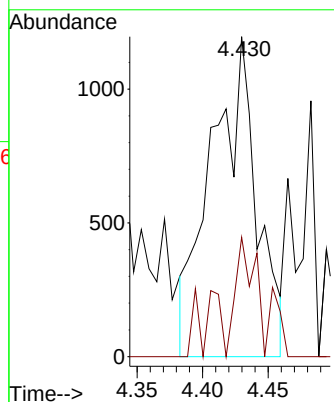
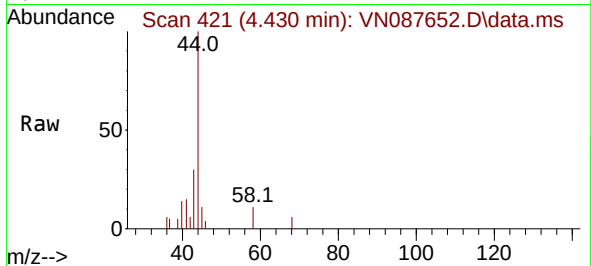




#16
Acetone
Concen: 1.460 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087652.D
Acq: 25 Aug 2025 13:16

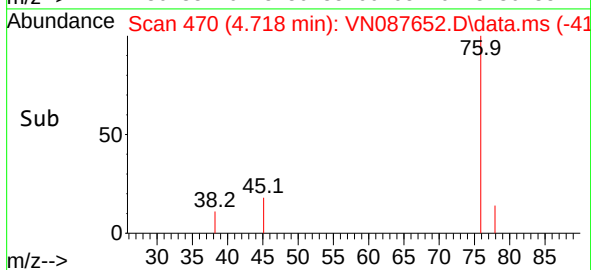
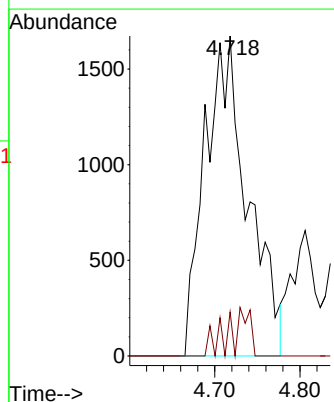
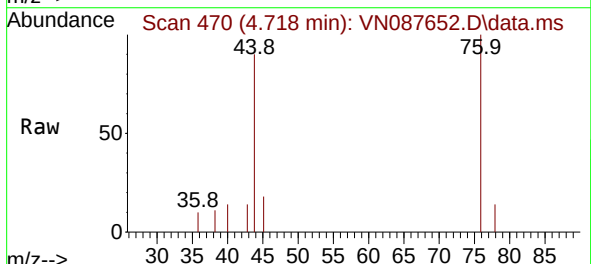
Instrument :
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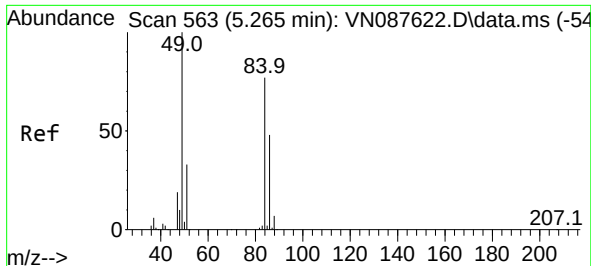
Tgt Ion: 43 Resp: 2877
Ion Ratio Lower Upper
43 100
58 45.9 22.6 33.8#



#17
Carbon Disulfide
Concen: 0.836 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.017 min
Lab File: VN087652.D
Acq: 25 Aug 2025 13:16

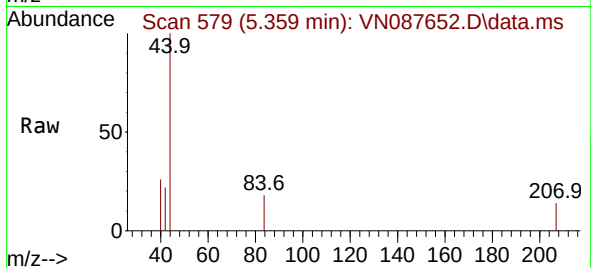
Tgt Ion: 76 Resp: 5864
Ion Ratio Lower Upper
76 100
78 13.7 7.6 11.4#



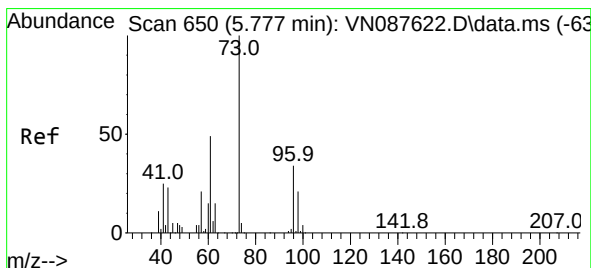
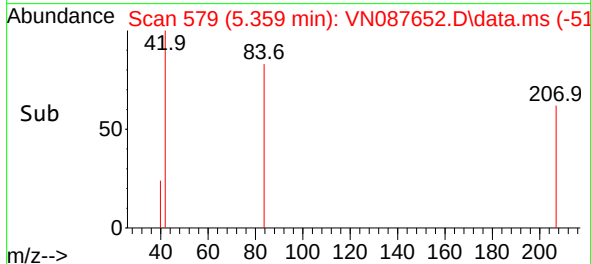
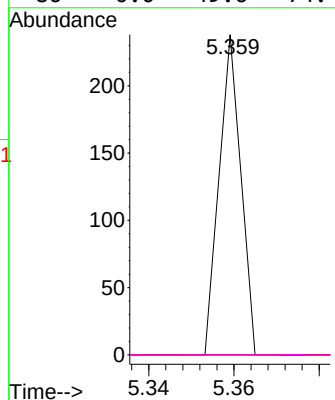


#20
Methylene Chloride
Concen: Below Cal
RT: 5.359 min Scan# 51
Delta R.T. 0.094 min
Lab File: VN087652.D
Acq: 25 Aug 2025 13:16

Instrument :
MSVOA_N
ClientSampleId :

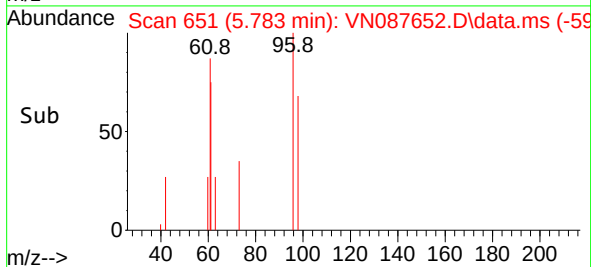
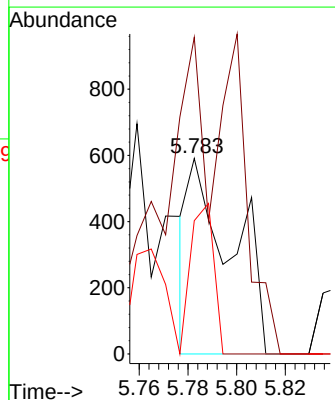
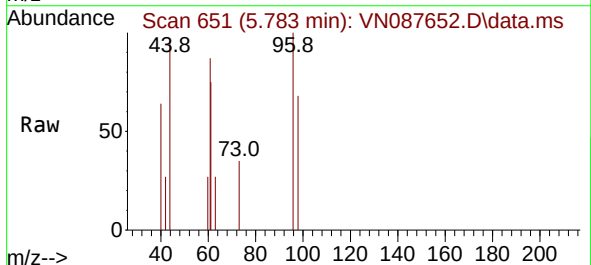


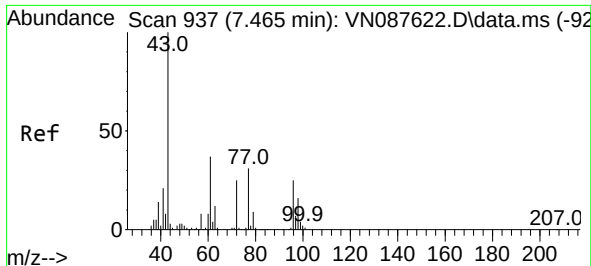
Tgt Ion:	84	Resp:	84
Ion	Ratio	Lower	Upper
84	100		
49	0.0	103.4	155.2#
51	0.0	33.8	50.8#
86	0.0	49.6	74.4#



#21
trans-1,2-Dichloroethene
Concen: 0.261 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN087652.D
Acq: 25 Aug 2025 13:16

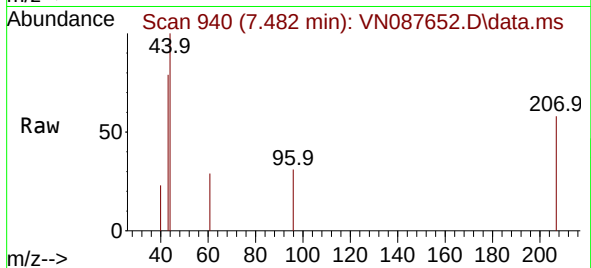
Tgt Ion:	96	Resp:	721
Ion	Ratio	Lower	Upper
96	100		
61	161.9	118.0	177.0
98	68.2	50.0	75.0



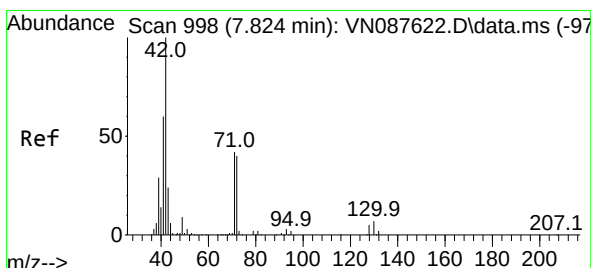
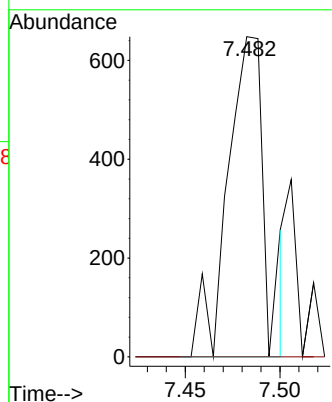
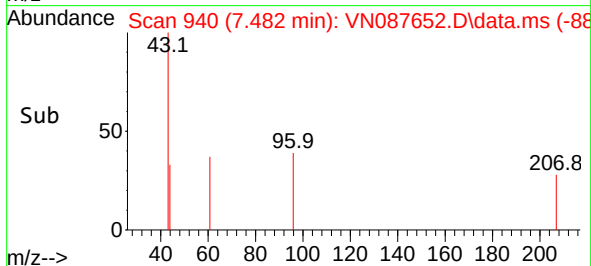


#25
2-Butanone
Concen: 0.345 ug/l
RT: 7.482 min Scan# 94
Delta R.T. 0.017 min
Lab File: VN087652.D
Acq: 25 Aug 2025 13:16

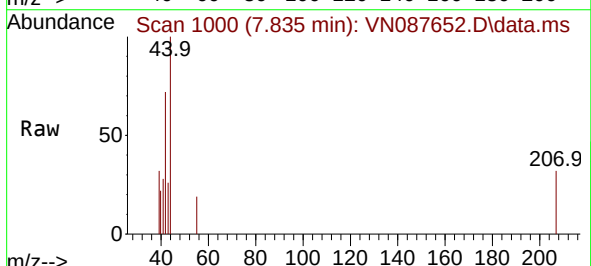
Instrument :
MSVOA_N
ClientSampleId :



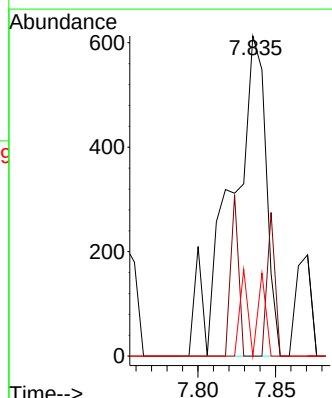
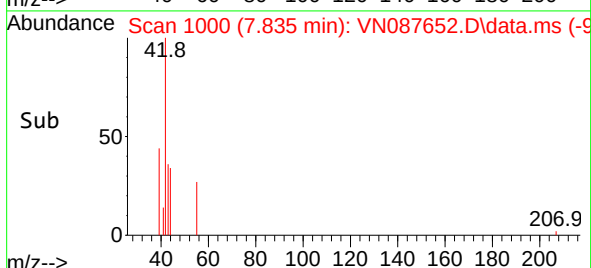
Tgt Ion: 43 Resp: 894
Ion Ratio Lower Upper
43 100
72 0.0 19.9 29.9#

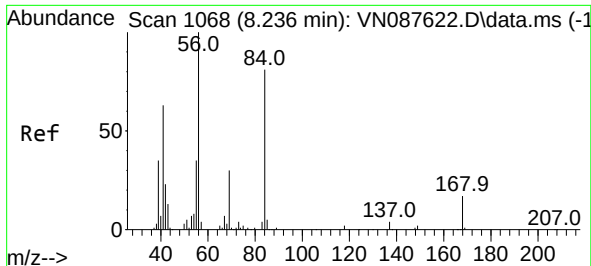


#29
Tetrahydrofuran
Concen: 0.581 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.012 min
Lab File: VN087652.D
Acq: 25 Aug 2025 13:16



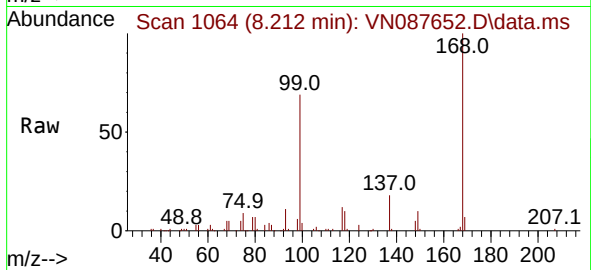
Tgt Ion: 42 Resp: 969
Ion Ratio Lower Upper
42 100
72 11.2 33.7 50.5#
71 11.9 31.9 47.9#



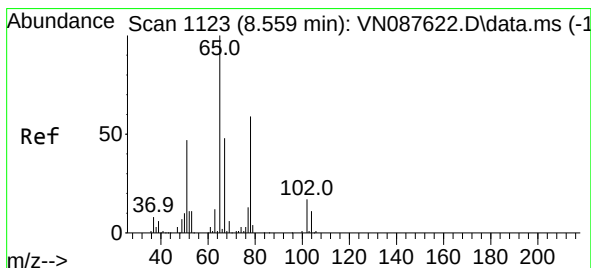
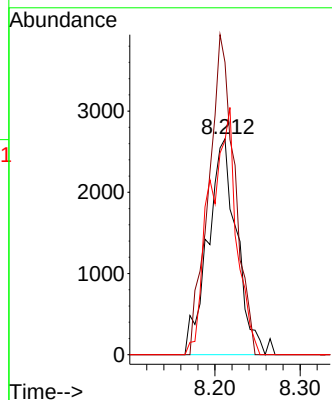
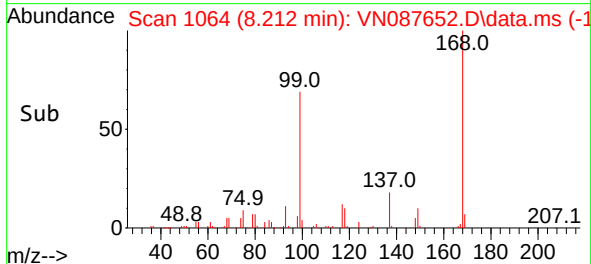


#31
Cyclohexane
Concen: 1.387 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.024 min
Lab File: VN087652.D
Acq: 25 Aug 2025 13:16

Instrument :
MSVOA_N
ClientSampleId :

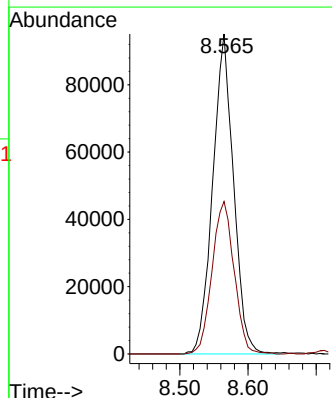
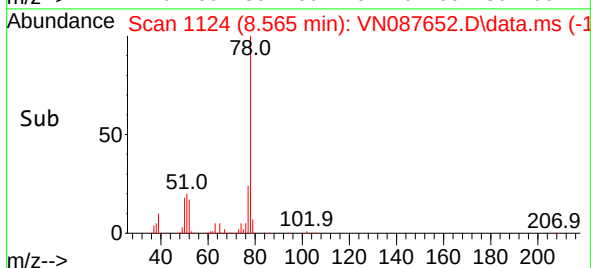
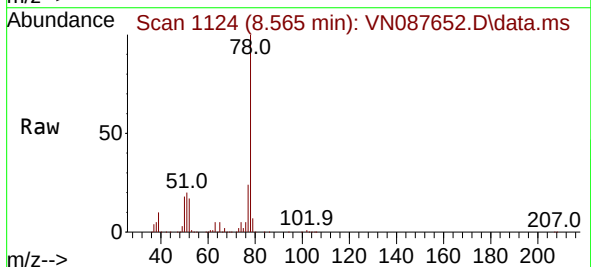


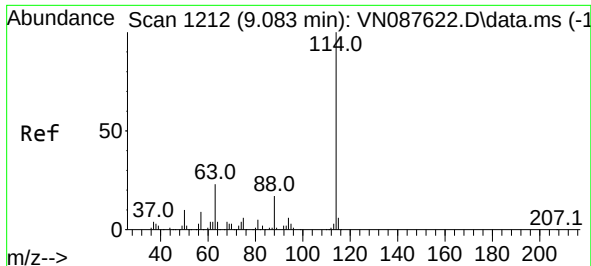
Tgt Ion: 56 Resp: 6316
Ion Ratio Lower Upper
56 100
69 135.5 23.7 35.5#
84 99.2 64.7 97.1#



#33
1,2-Dichloroethane-d4
Concen: 55.762 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN087652.D
Acq: 25 Aug 2025 13:16

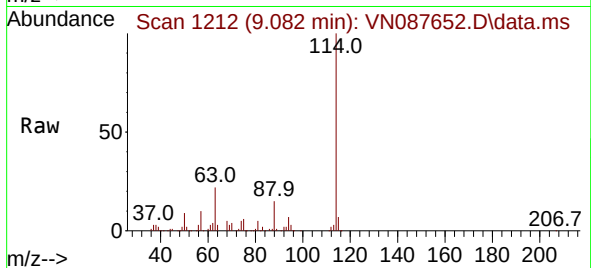
Tgt Ion: 65 Resp: 201848
Ion Ratio Lower Upper
65 100
67 50.5 0.0 100.0



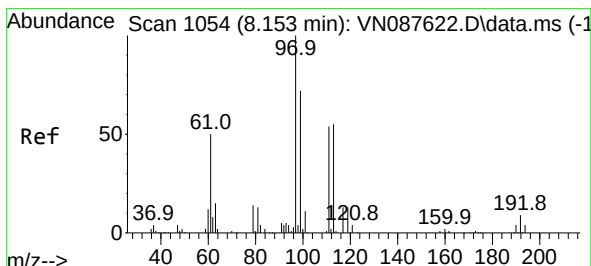
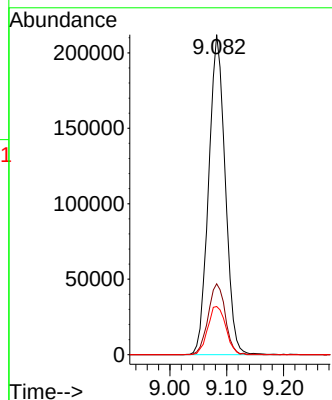
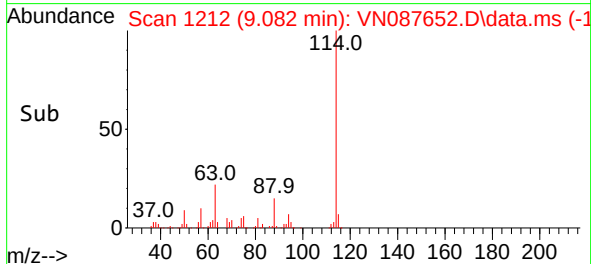


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.082 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN087652.D
 Acq: 25 Aug 2025 13:16

Instrument :
 MSVOA_N
 ClientSampleId :

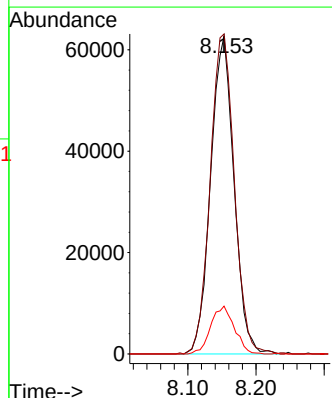
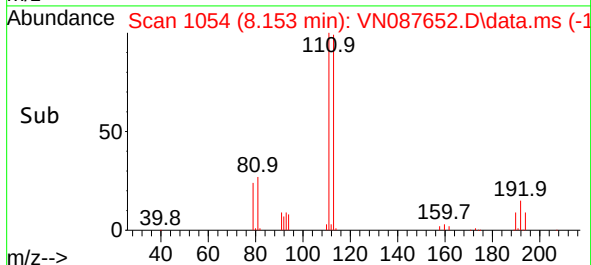
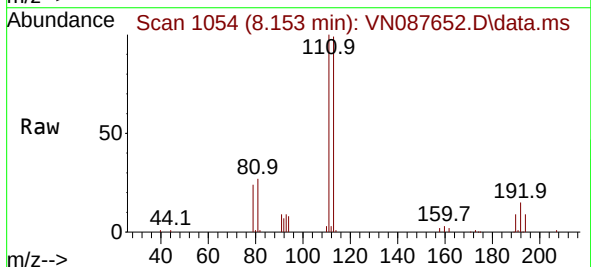


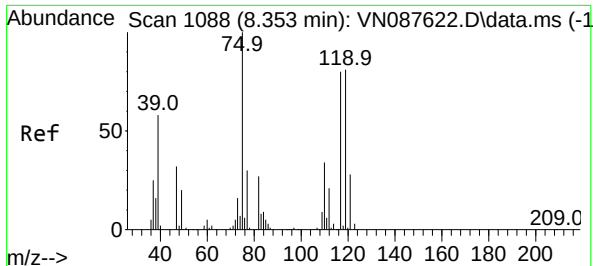
Tgt Ion:114 Resp: 427727
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 45.2
 88 15.1 0.0 33.4



#35
 Dibromofluoromethane
 Concen: 48.375 ug/l
 RT: 8.153 min Scan# 1054
 Delta R.T. -0.000 min
 Lab File: VN087652.D
 Acq: 25 Aug 2025 13:16

Tgt Ion:113 Resp: 149391
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.8 124.2
 192 15.3 12.8 19.2





#36

1,1-Dichloropropene

Concen: 3.898 ug/l

RT: 8.200 min Scan# 1062

Delta R.T. -0.153 min

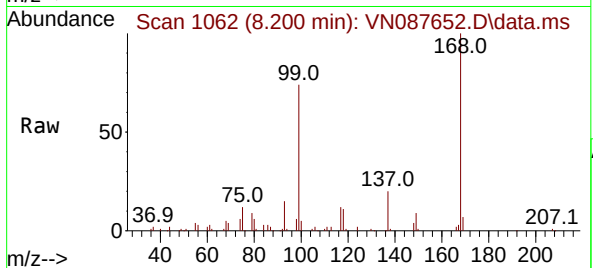
Lab File: VN087652.D

Acq: 25 Aug 2025 13:16

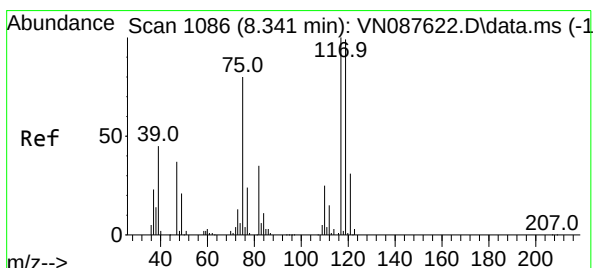
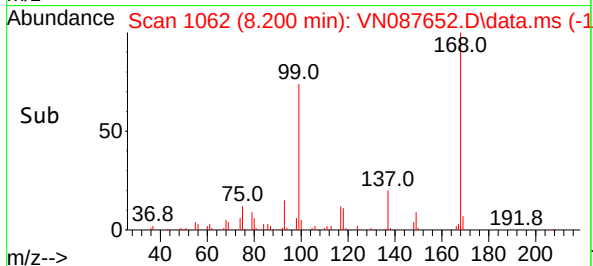
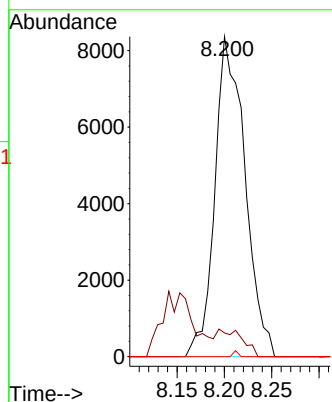
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	18468
Ion	Ratio	Lower	Upper
75	100		
110	7.1	15.9	47.6#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 4.307 ug/l

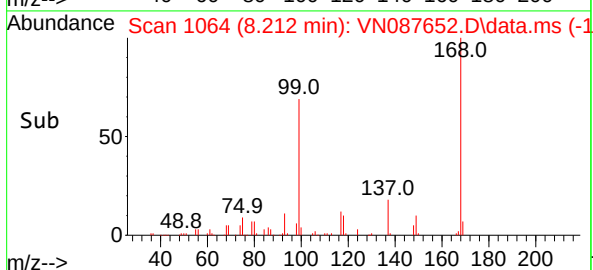
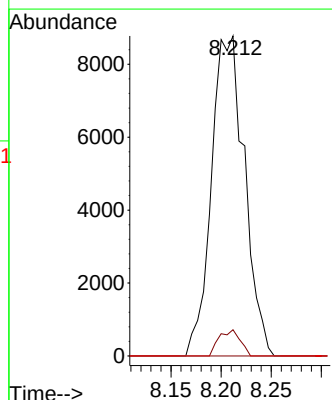
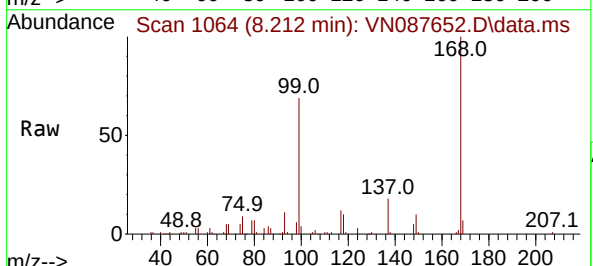
RT: 8.212 min Scan# 1064

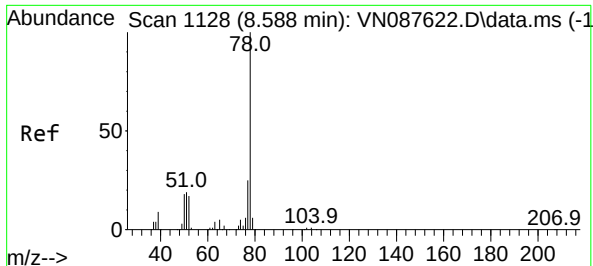
Delta R.T. -0.130 min

Lab File: VN087652.D

Acq: 25 Aug 2025 13:16

Tgt Ion:	117	Resp:	20148
Ion	Ratio	Lower	Upper
117	100		
119	8.2	79.0	118.6#
121	0.0	25.0	37.6#

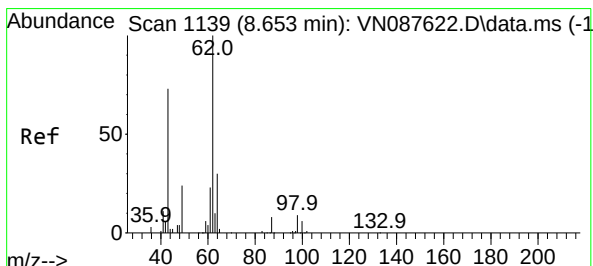
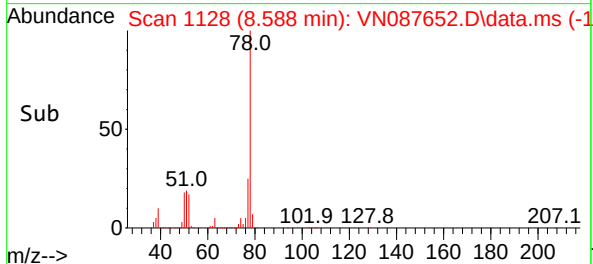
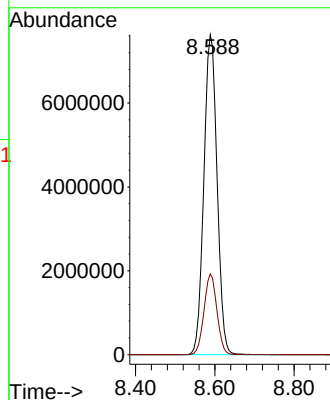
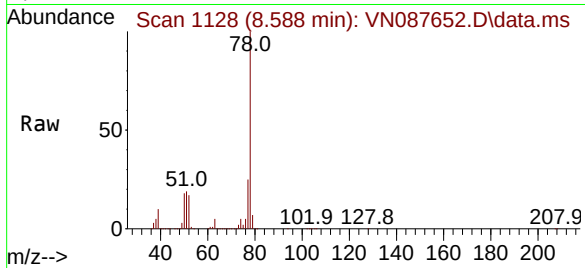




#40
Benzene
Concen: 1213.908 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087652.D
Acq: 25 Aug 2025 13:16

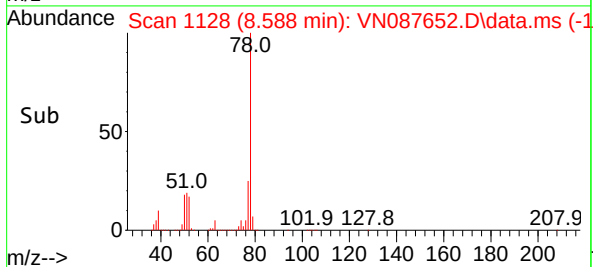
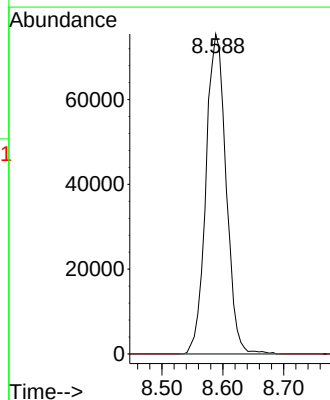
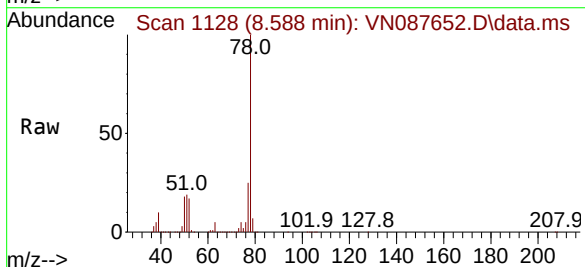
Instrument :
MSVOA_N
ClientSampleId :

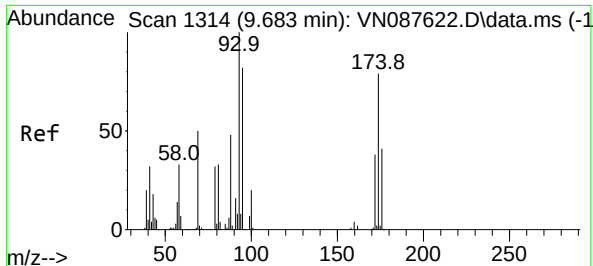
Tgt Ion: 78 Resp:17639391
Ion Ratio Lower Upper
78 100
77 25.3 19.7 29.5



#42
1,2-Dichloroethane
Concen: 31.082 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.065 min
Lab File: VN087652.D
Acq: 25 Aug 2025 13:16

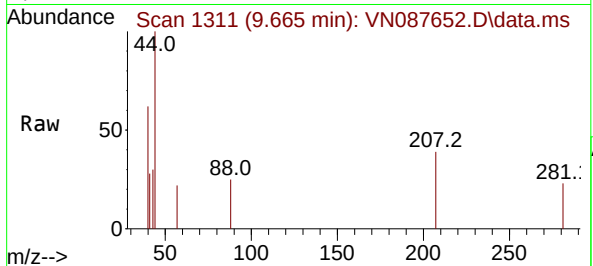
Tgt Ion: 62 Resp: 173564
Ion Ratio Lower Upper
62 100
98 0.0 0.0 17.4



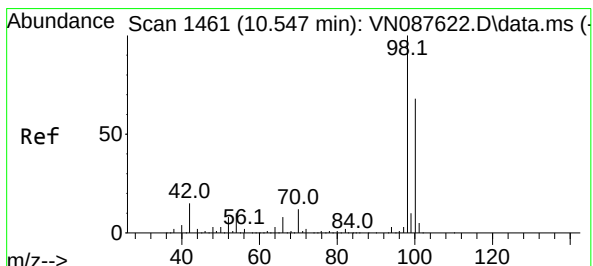
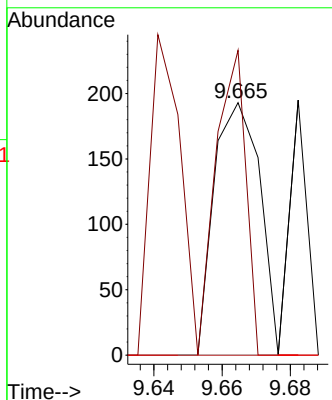
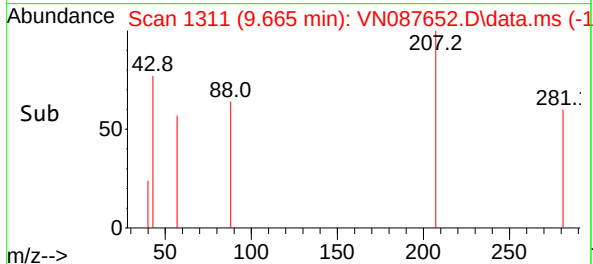


#49
1,4-Dioxane
Concen: 2.889 ug/l
RT: 9.665 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN087652.D
Acq: 25 Aug 2025 13:16

Instrument :
MSVOA_N
ClientSampleId :

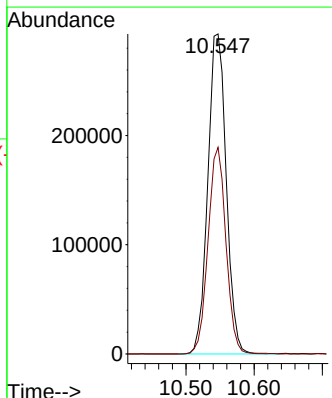
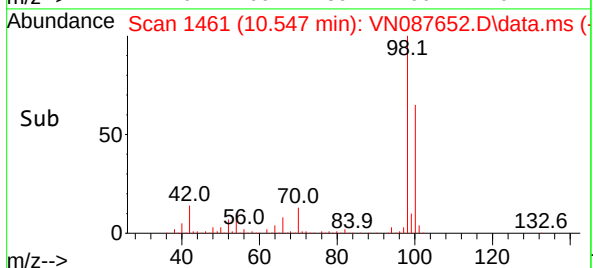
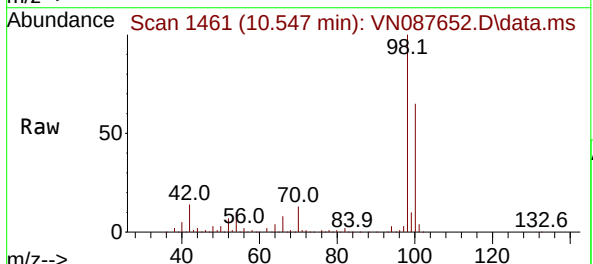


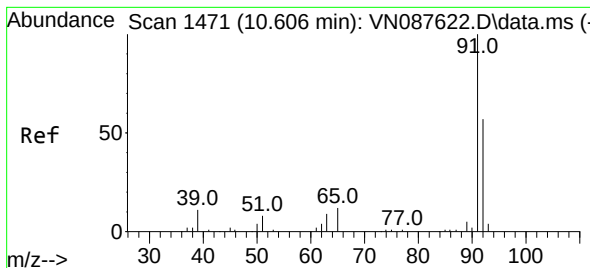
Tgt Ion: 88 Resp: 179
Ion Ratio Lower Upper
88 100
43 79.9 0.0 0.0#
58 0.0 57.9 86.9#



#50
Toluene-d8
Concen: 47.705 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087652.D
Acq: 25 Aug 2025 13:16

Tgt Ion: 98 Resp: 551402
Ion Ratio Lower Upper
98 100
100 62.6 52.8 79.2





#52

Toluene

Concen: 3.844 ug/l

RT: 10.612 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VN087652.D

Acq: 25 Aug 2025 13:16

Instrument :

MSVOA_N

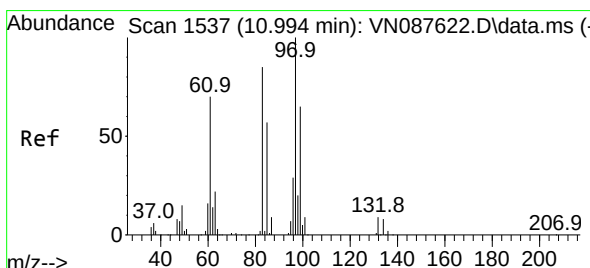
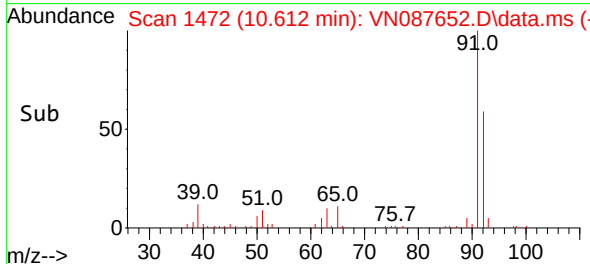
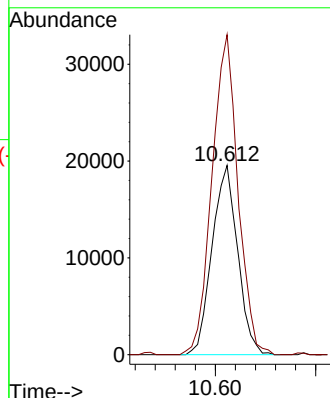
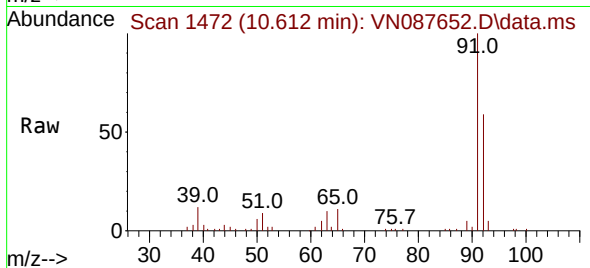
ClientSampleId :

Tgt Ion: 92 Resp: 34629

Ion Ratio Lower Upper

92 100

91 171.6 140.4 210.6



#55

1,1,2-Trichloroethane

Concen: 0.818 ug/l

RT: 10.853 min Scan# 1513

Delta R.T. -0.141 min

Lab File: VN087652.D

Acq: 25 Aug 2025 13:16

Tgt Ion: 97 Resp: 2849

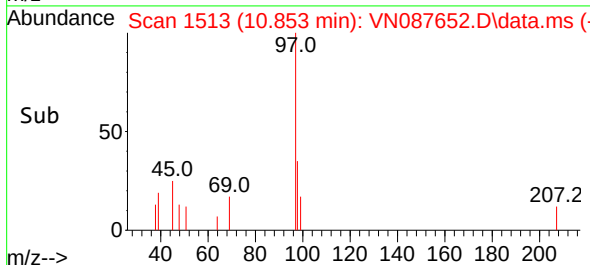
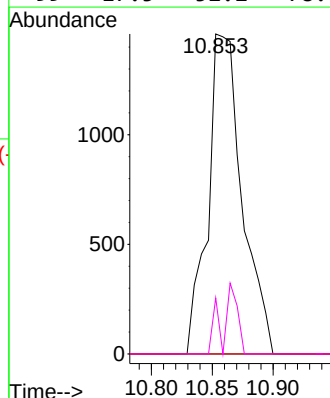
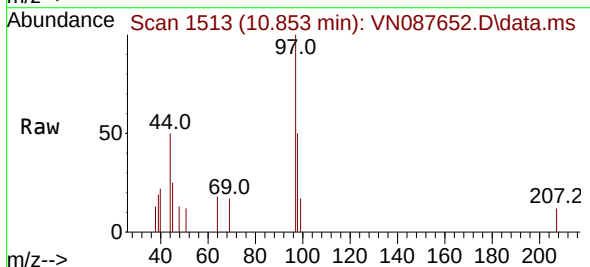
Ion Ratio Lower Upper

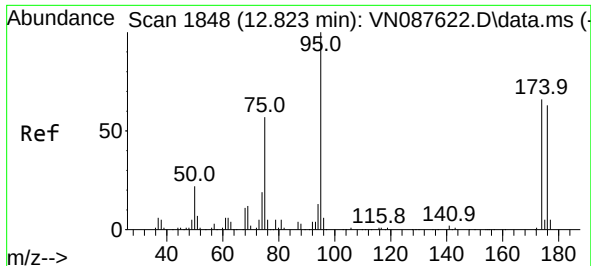
97 100

83 0.0 68.2 102.4#

85 0.0 45.5 68.3#

99 17.5 52.2 78.4#

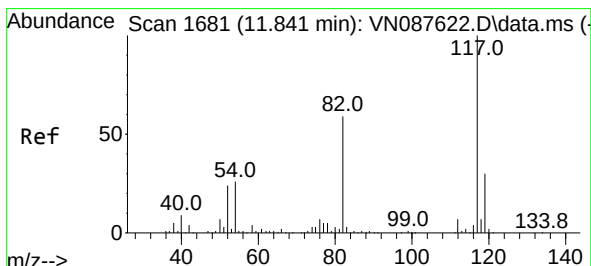
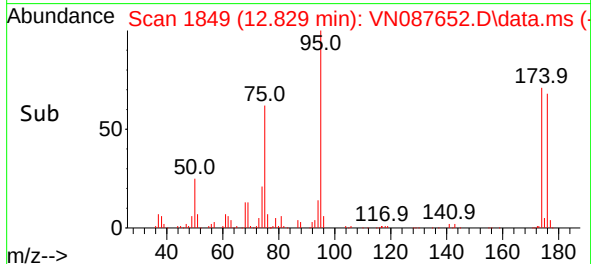
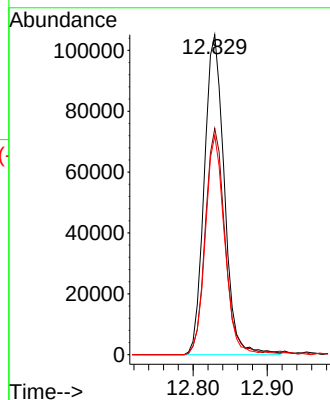
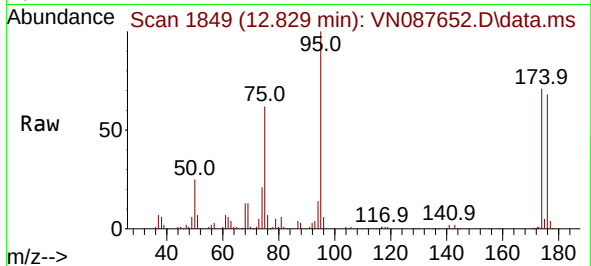




#62
4-Bromofluorobenzene
Concen: 47.923 ug/l
RT: 12.829 min Scan# 1848
Delta R.T. 0.006 min
Lab File: VN087652.D
Acq: 25 Aug 2025 13:16

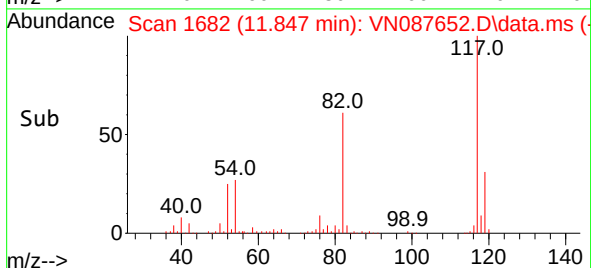
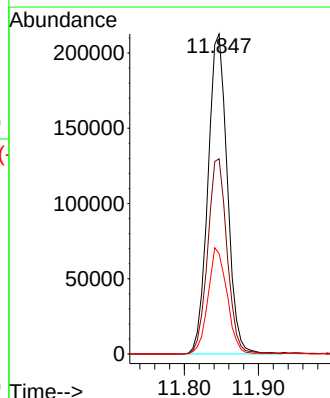
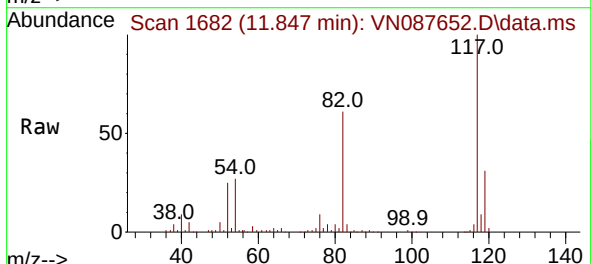
Instrument :
MSVOA_N
ClientSampleId :

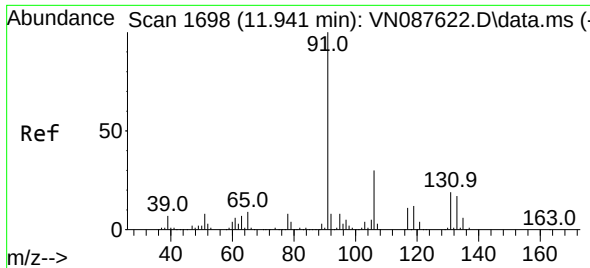
Tgt Ion: 95 Resp: 196989
Ion Ratio Lower Upper
95 100
174 69.4 0.0 138.4
176 66.4 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN087652.D
Acq: 25 Aug 2025 13:16

Tgt Ion: 117 Resp: 385443
Ion Ratio Lower Upper
117 100
82 61.0 47.4 71.2
119 31.3 24.3 36.5

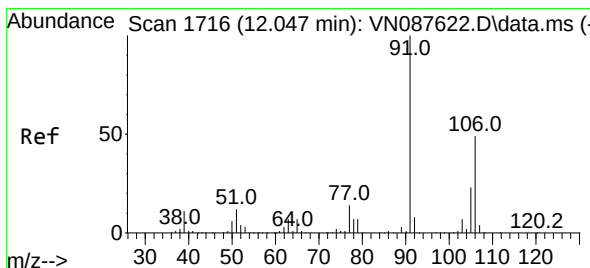
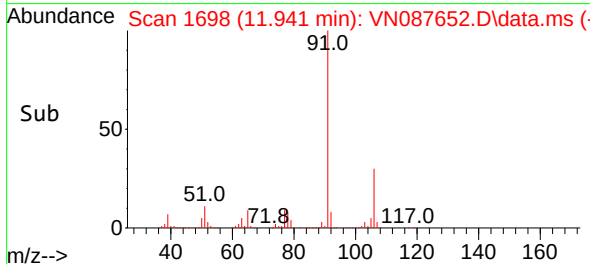
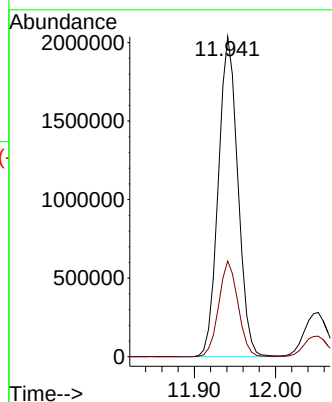
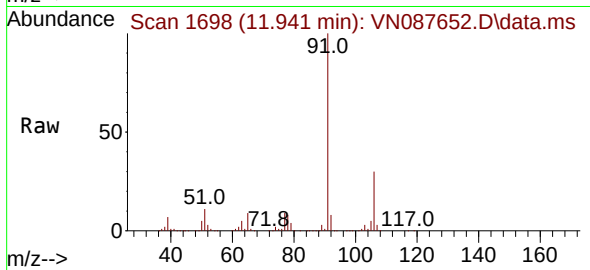




#67
Ethyl Benzene
Concen: 205.420 ug/l
RT: 11.941 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VN087652.D
Acq: 25 Aug 2025 13:16

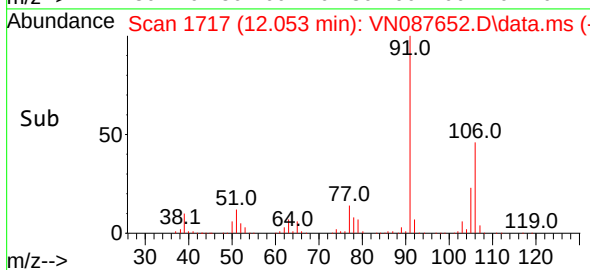
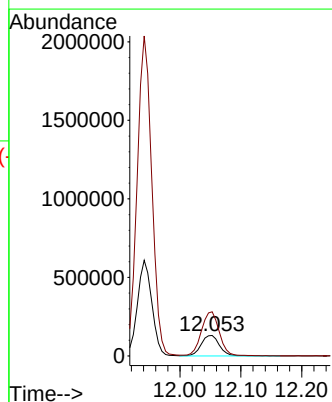
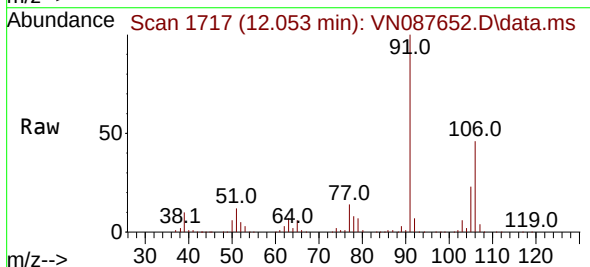
Instrument :
MSVOA_N
ClientSampleId :

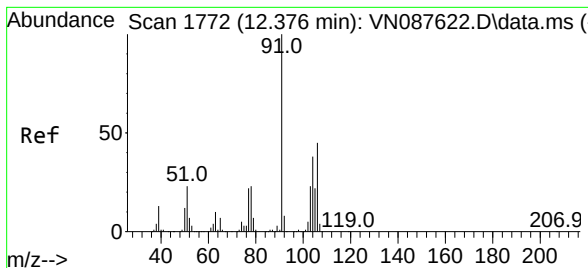
Tgt Ion: 91 Resp: 3410589
Ion Ratio Lower Upper
91 100
106 29.9 24.1 36.1



#68
m/p-Xylenes
Concen: 44.412 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087652.D
Acq: 25 Aug 2025 13:16

Tgt Ion:106 Resp: 270429
Ion Ratio Lower Upper
106 100
91 212.0 169.3 253.9





#69

o-Xylene

Concen: 30.838 ug/l

RT: 12.376 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VN087652.D

Acq: 25 Aug 2025 13:16

Instrument :

MSVOA_N

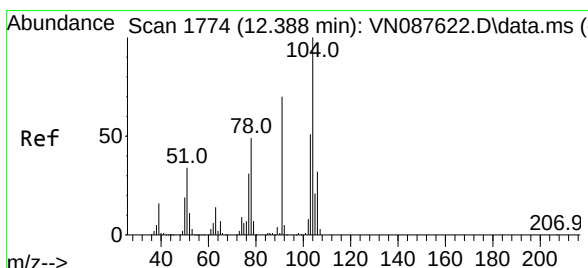
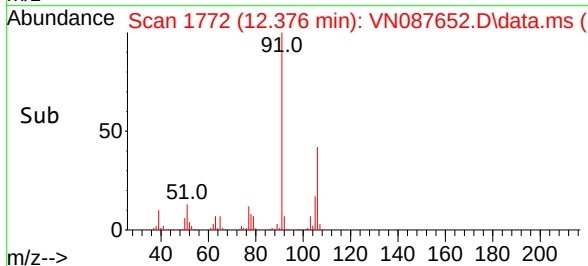
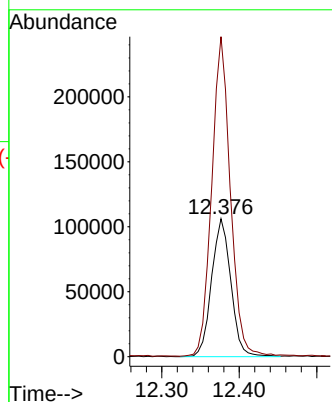
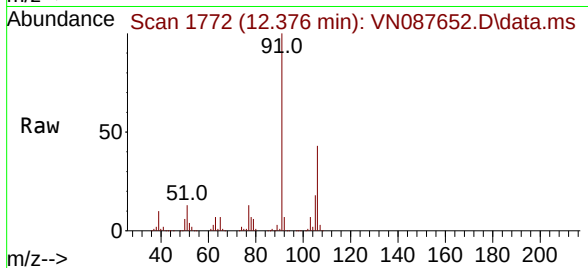
ClientSampleId :

Tgt Ion:106 Resp: 184018

Ion Ratio Lower Upper

106 100

91 224.6 111.4 334.2



#70

Styrene

Concen: 1.067 ug/l

RT: 12.376 min Scan# 1772

Delta R.T. -0.012 min

Lab File: VN087652.D

Acq: 25 Aug 2025 13:16

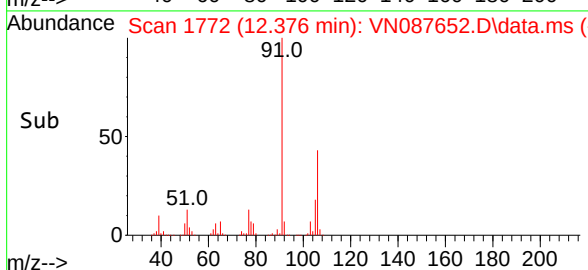
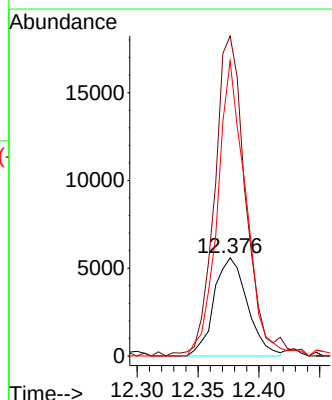
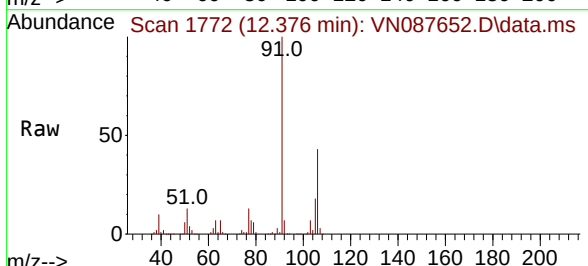
Tgt Ion:104 Resp: 10666

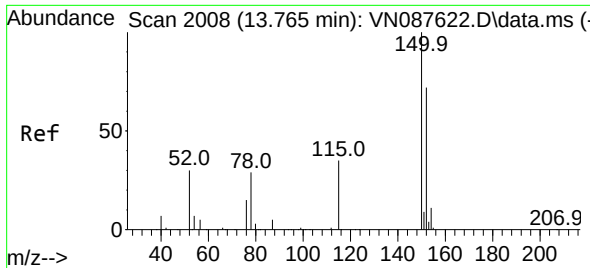
Ion Ratio Lower Upper

104 100

78 304.9 42.2 63.2#

103 256.8 43.4 65.2#

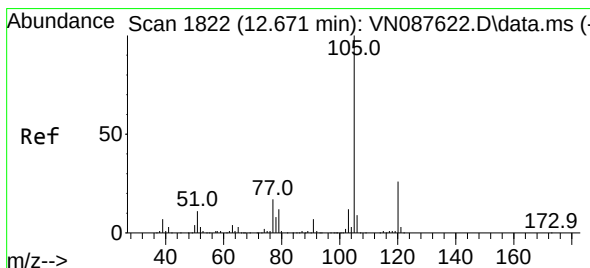
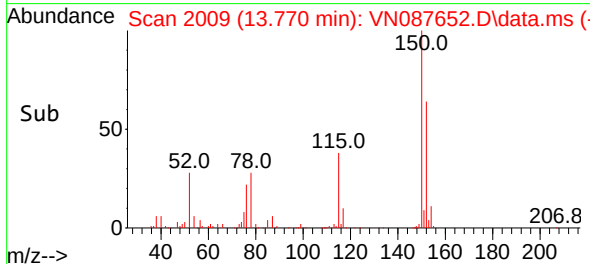
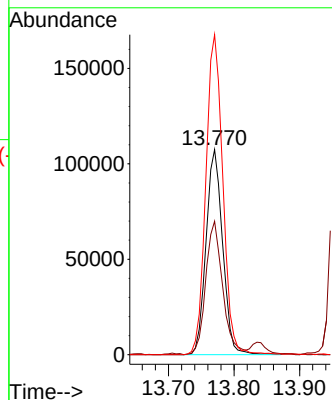
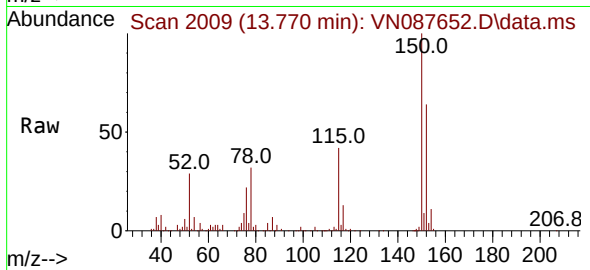




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2008
Delta R.T. 0.006 min
Lab File: VN087652.D
Acq: 25 Aug 2025 13:16

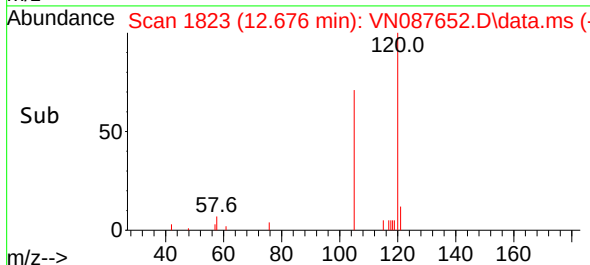
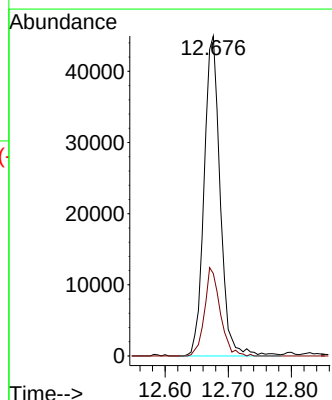
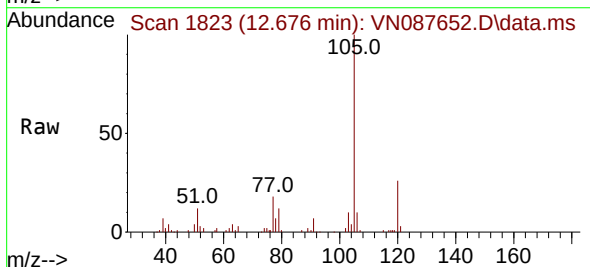
Instrument :
MSVOA_N
ClientSampleId :

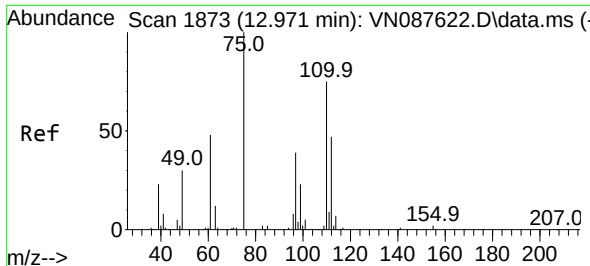
Tgt Ion:152 Resp: 189663
Ion Ratio Lower Upper
152 100
115 66.2 32.3 96.8
150 159.6 0.0 351.0



#73
Isopropylbenzene
Concen: 5.206 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.006 min
Lab File: VN087652.D
Acq: 25 Aug 2025 13:16

Tgt Ion:105 Resp: 79789
Ion Ratio Lower Upper
105 100
120 26.9 12.8 38.3

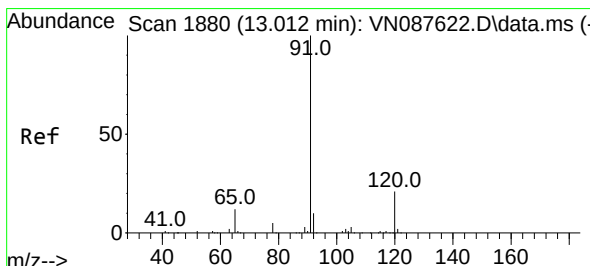
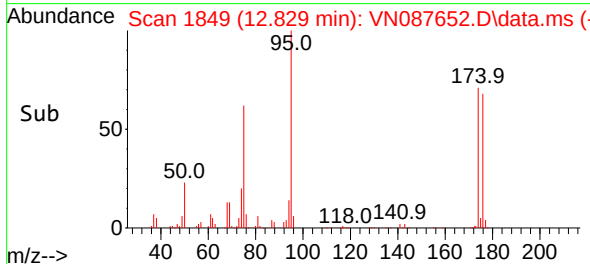
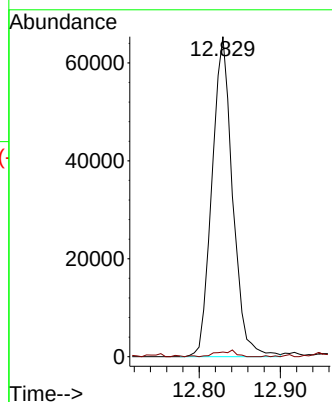
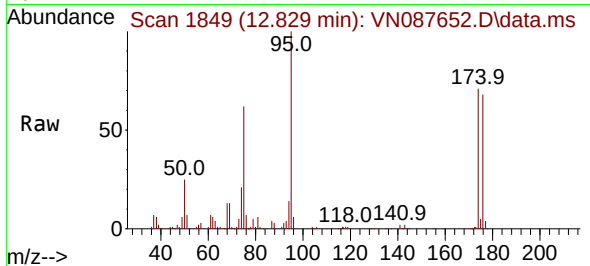




#76
1,2,3-Trichloropropane
Concen: 25.963 ug/l
RT: 12.829 min Scan# 11
Delta R.T. -0.141 min
Lab File: VN087652.D
Acq: 25 Aug 2025 13:16

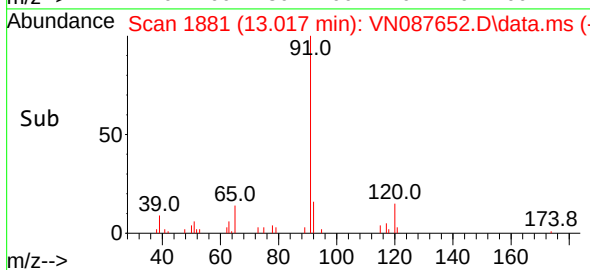
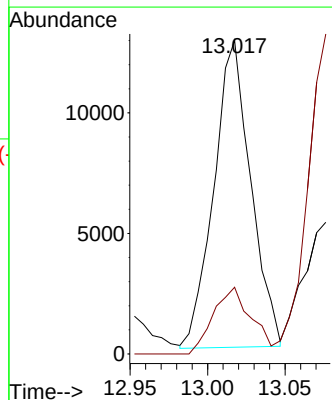
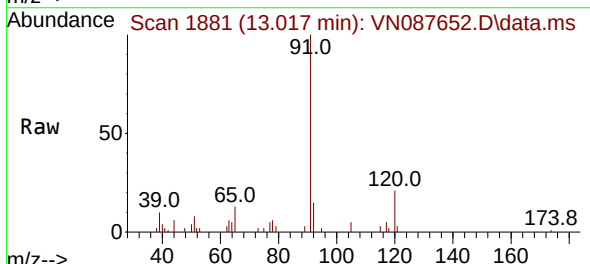
Instrument :
MSVOA_N
ClientSampleId :

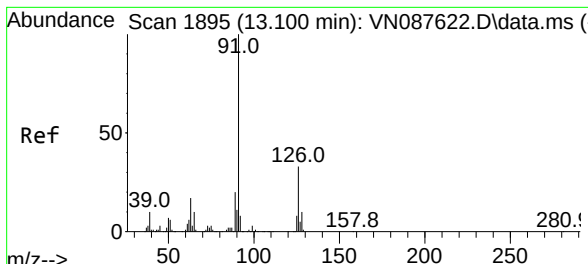
Tgt Ion: 75 Resp: 115477
Ion Ratio Lower Upper
75 100
77 1.8 89.1 267.4#



#78
n-propylbenzene
Concen: 1.117 ug/l
RT: 13.017 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN087652.D
Acq: 25 Aug 2025 13:16

Tgt Ion: 91 Resp: 21094
Ion Ratio Lower Upper
91 100
120 22.3 10.7 32.1

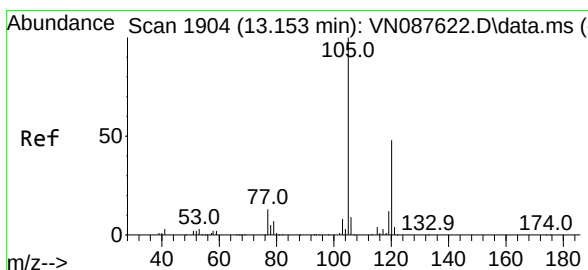
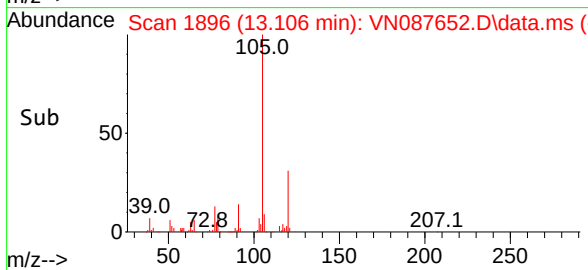
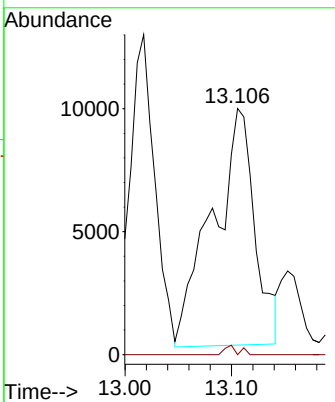
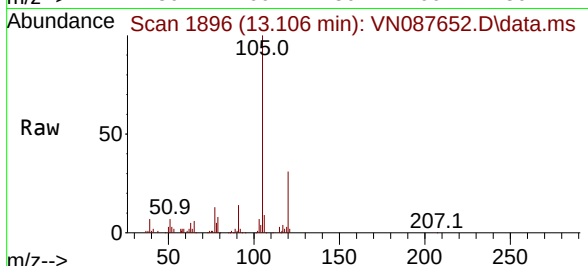




#79
 2-Chlorotoluene
 Concen: 2.340 ug/l
 RT: 13.106 min Scan# 1896
 Delta R.T. 0.006 min
 Lab File: VN087652.D
 Acq: 25 Aug 2025 13:16

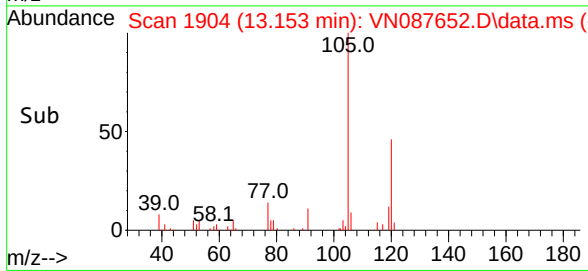
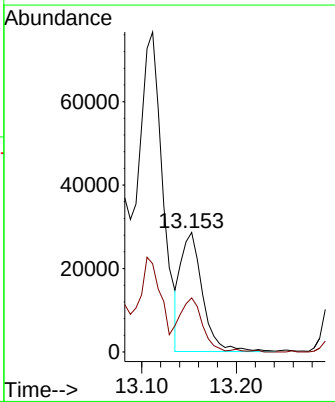
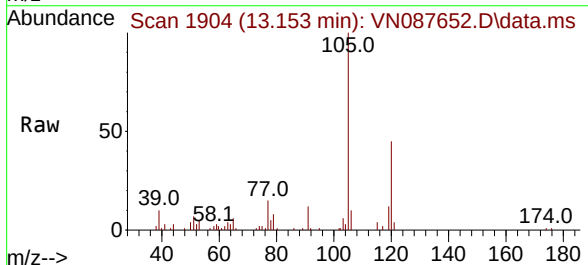
Instrument :
 MSVOA_N
 ClientSampleId :

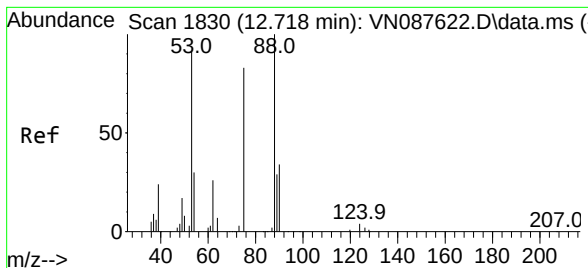
Tgt Ion: 91 Resp: 26579
 Ion Ratio Lower Upper
 91 100
 126 1.2 16.1 48.3#



#80
 1,3,5-Trimethylbenzene
 Concen: 3.517 ug/l
 RT: 13.153 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VN087652.D
 Acq: 25 Aug 2025 13:16

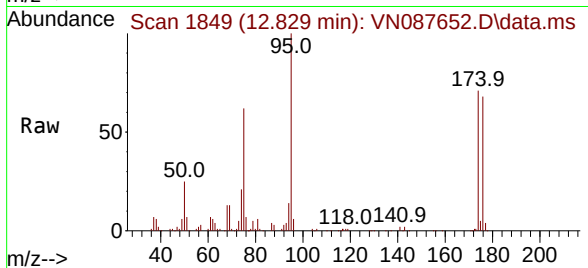
Tgt Ion: 105 Resp: 45727
 Ion Ratio Lower Upper
 105 100
 120 41.5 23.2 69.6



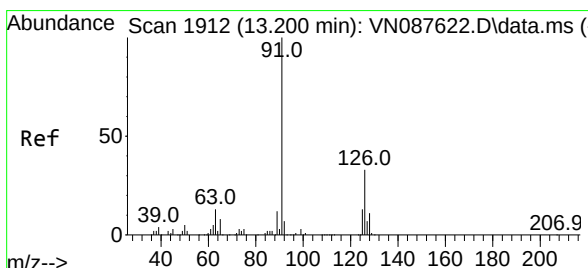
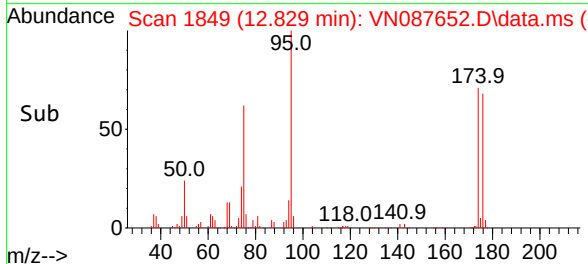
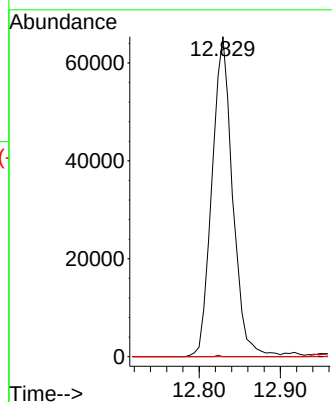


#81
trans-1,4-Dichloro-2-butene
Concen: 68.735 ug/l
RT: 12.829 min Scan# 115477
Delta R.T. 0.112 min
Lab File: VN087652.D
Acq: 25 Aug 2025 13:16

Instrument :
MSVOA_N
ClientSampleId :

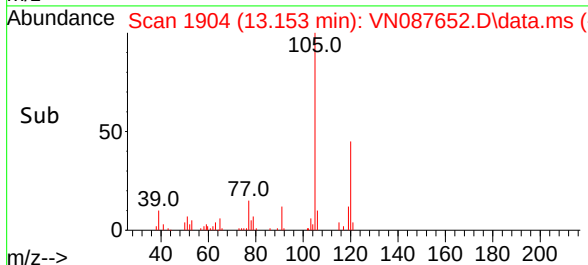
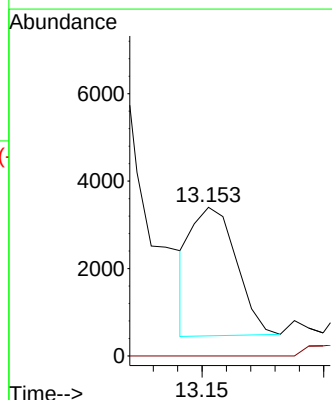
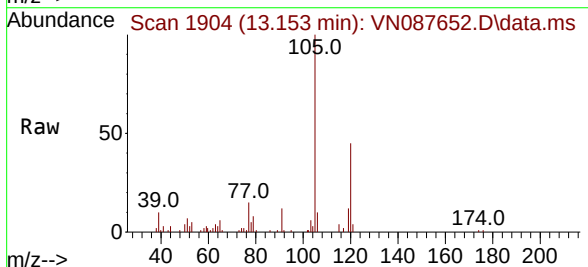


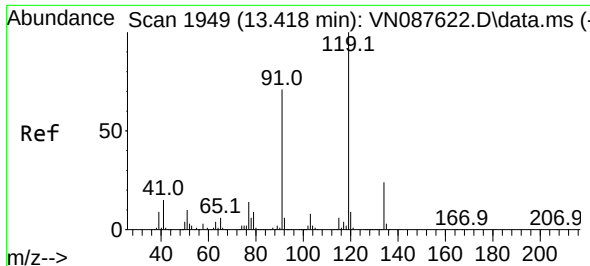
Tgt Ion: 75 Resp: 115477
Ion Ratio Lower Upper
75 100
53 0.1 101.8 152.6#
89 0.0 35.6 53.4#



#82
4-Chlorotoluene
Concen: 0.314 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.047 min
Lab File: VN087652.D
Acq: 25 Aug 2025 13:16

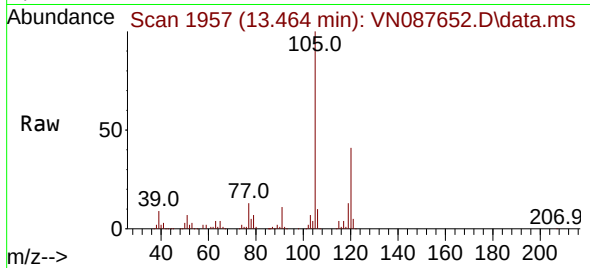
Tgt Ion: 91 Resp: 3753
Ion Ratio Lower Upper
91 100
126 0.0 15.6 46.8#



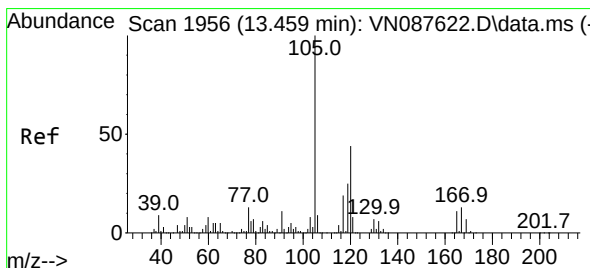
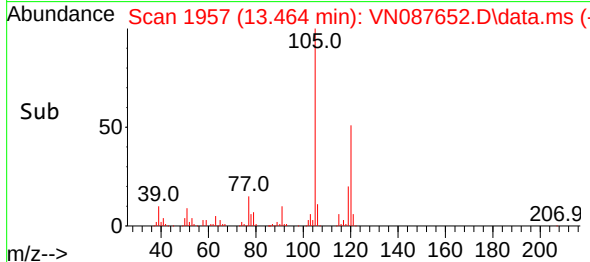
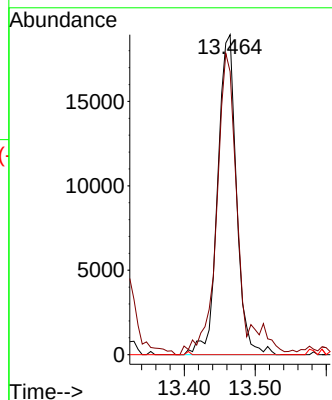


#83
 tert-Butylbenzene
 Concen: 3.209 ug/l
 RT: 13.464 min Scan# 1957
 Delta R.T. 0.047 min
 Lab File: VN087652.D
 Acq: 25 Aug 2025 13:16

Instrument :
 MSVOA_N
 ClientSampleId :

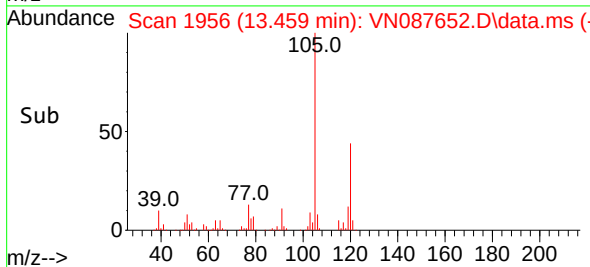
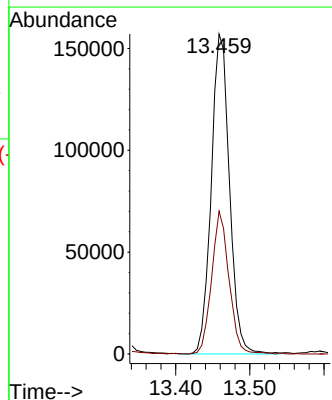
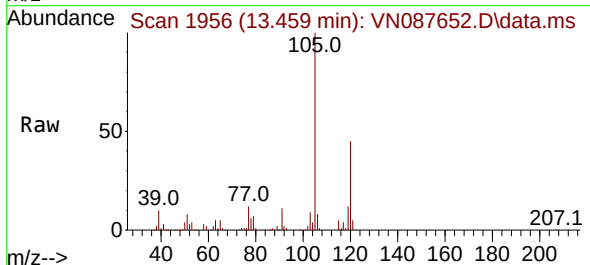


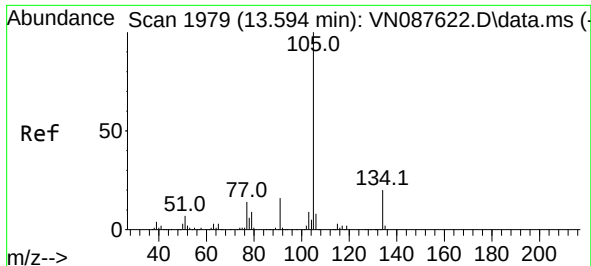
Tgt Ion:119 Resp: 34767
 Ion Ratio Lower Upper
 119 100
 91 105.9 35.0 105.0#
 134 0.0 12.6 37.8#



#84
 1,2,4-Trimethylbenzene
 Concen: 20.637 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VN087652.D
 Acq: 25 Aug 2025 13:16

Tgt Ion:105 Resp: 268598
 Ion Ratio Lower Upper
 105 100
 120 42.5 22.0 66.0

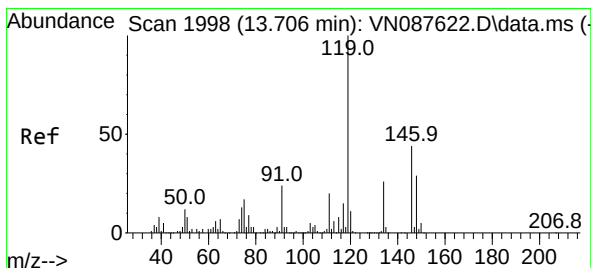
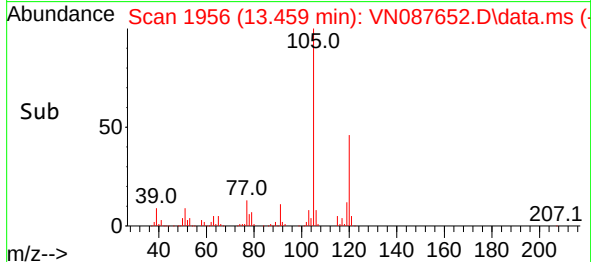
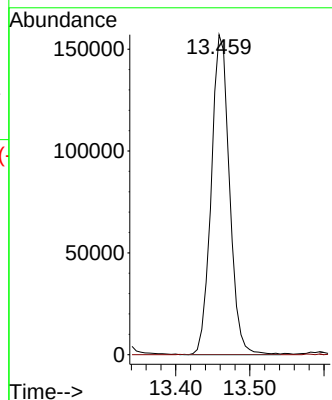
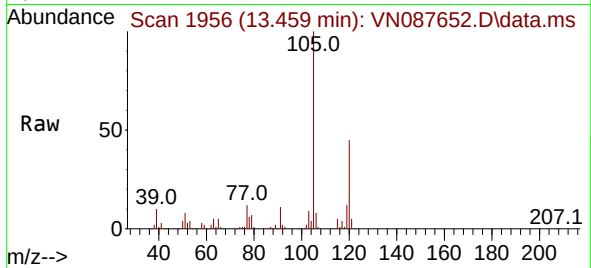




#85
 sec-Butylbenzene
 Concen: 16.706 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.135 min
 Lab File: VN087652.D
 Acq: 25 Aug 2025 13:16

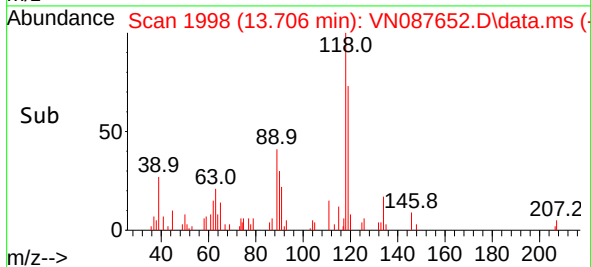
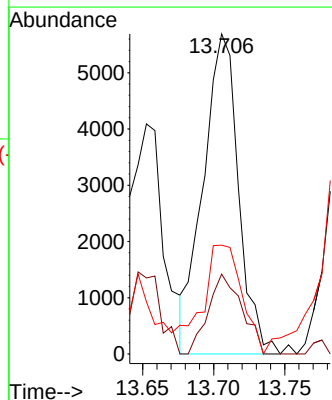
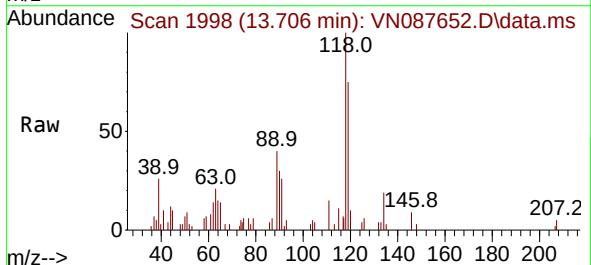
Instrument :
 MSVOA_N
 ClientSampleId :

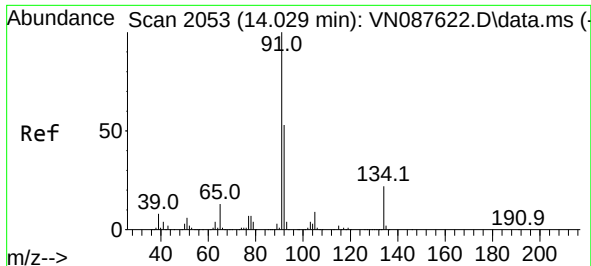
Tgt Ion:105 Resp: 268598
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.6 28.6#



#86
 p-Isopropyltoluene
 Concen: 0.742 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087652.D
 Acq: 25 Aug 2025 13:16

Tgt Ion:119 Resp: 9851
 Ion Ratio Lower Upper
 119 100
 134 23.8 12.7 38.0
 91 0.0 12.5 37.5#

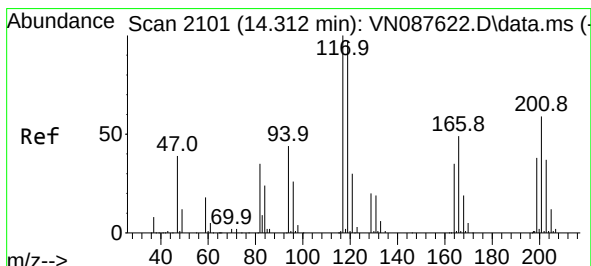
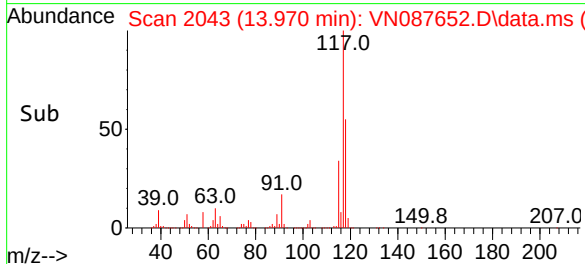
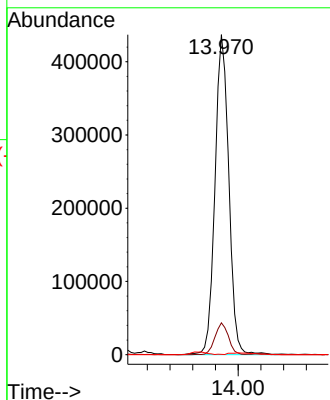
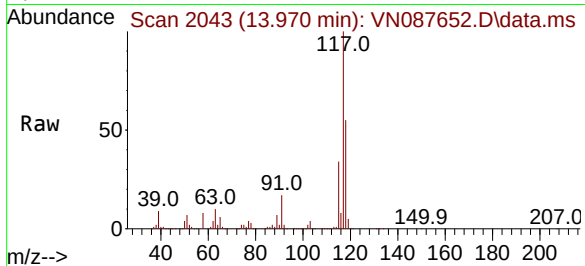




#89
n-Butylbenzene
Concen: 55.947 ug/l
RT: 13.970 min Scan# 20
Delta R.T. -0.059 min
Lab File: VN087652.D
Acq: 25 Aug 2025 13:16

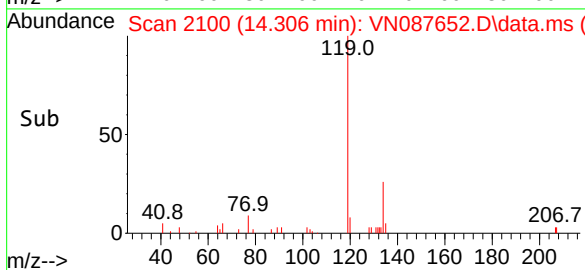
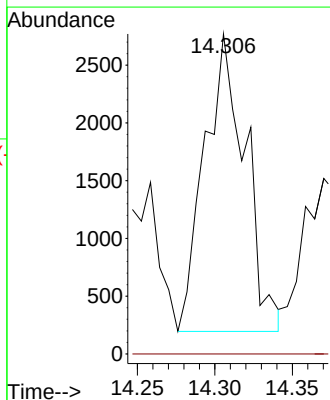
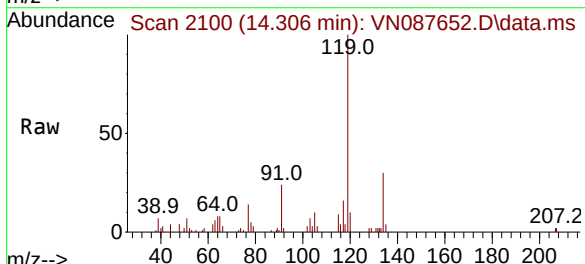
Instrument :
MSVOA_N
ClientSampleId :

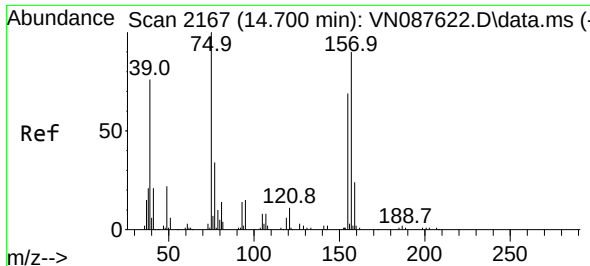
Tgt Ion: 91 Resp: 737687
Ion Ratio Lower Upper
91 100
92 9.7 25.9 77.8#
134 0.0 11.7 35.0#



#90
Hexachloroethane
Concen: 1.865 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN087652.D
Acq: 25 Aug 2025 13:16

Tgt Ion: 117 Resp: 4718
Ion Ratio Lower Upper
117 100
201 0.0 29.1 87.4#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.204 ug/l

RT: 14.694 min Scan# 2166

Delta R.T. -0.006 min

Lab File: VN087652.D

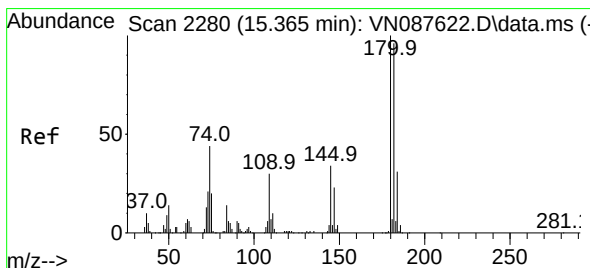
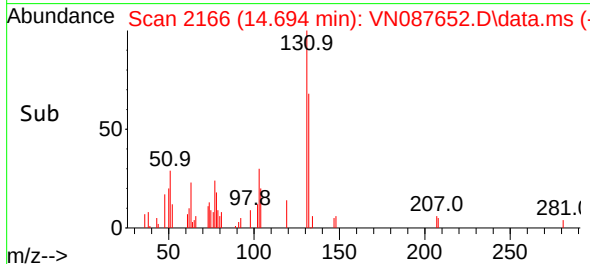
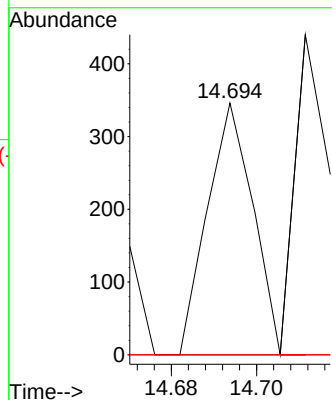
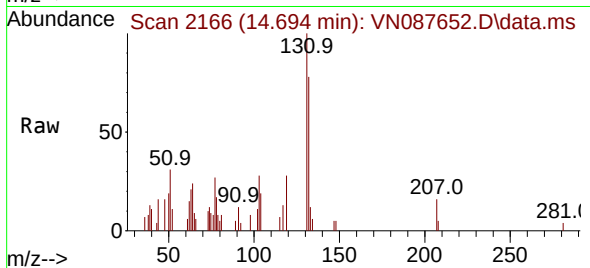
Acq: 25 Aug 2025 13:16

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	75	Resp:	256
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: 0.348 ug/l

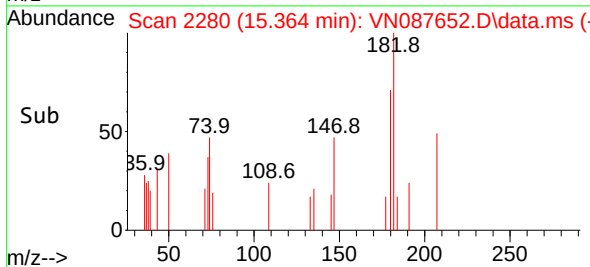
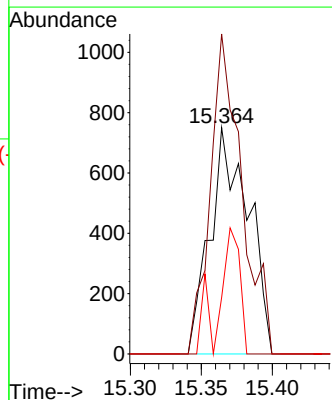
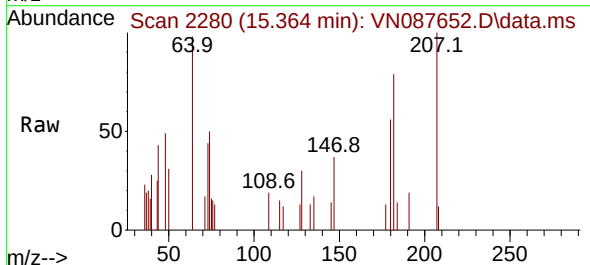
RT: 15.364 min Scan# 2280

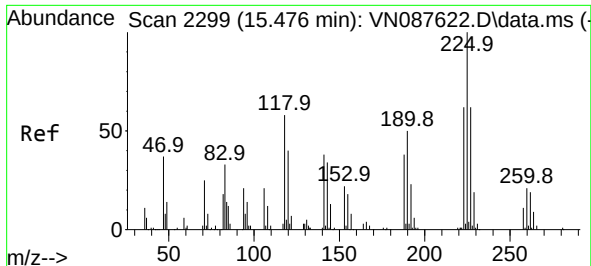
Delta R.T. -0.000 min

Lab File: VN087652.D

Acq: 25 Aug 2025 13:16

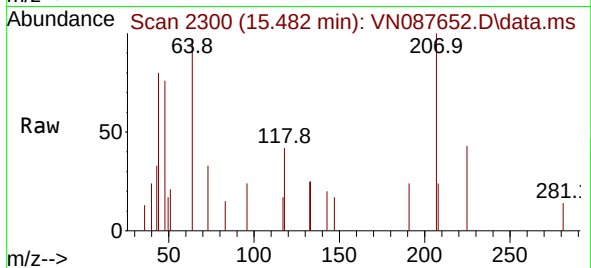
Tgt Ion:	180	Resp:	1409
Ion	Ratio	Lower	Upper
180	100		
182	116.3	47.6	142.9
145	30.5	16.5	49.5



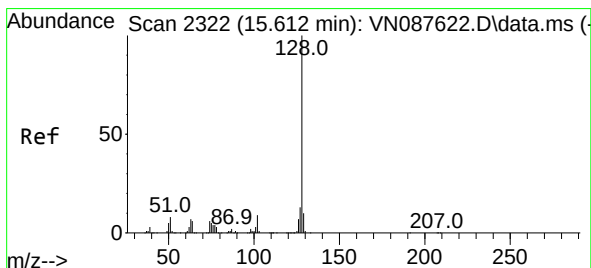
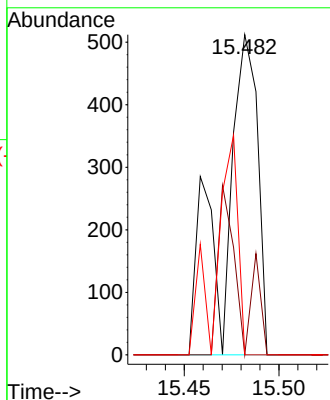
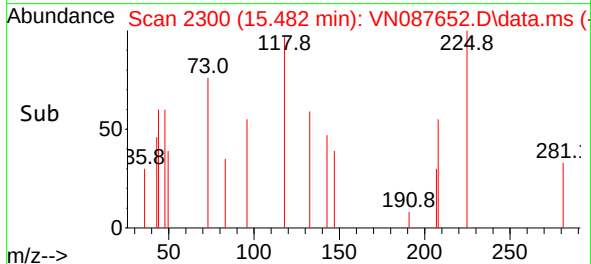


#94
Hexachlorobutadiene
Concen: 0.441 ug/l
RT: 15.482 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN087652.D
Acq: 25 Aug 2025 13:16

Instrument :
MSVOA_N
ClientSampleId :

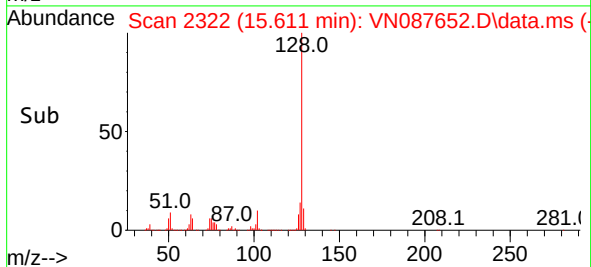
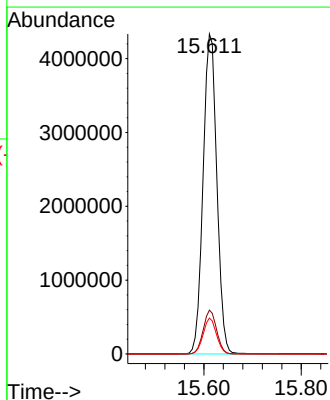
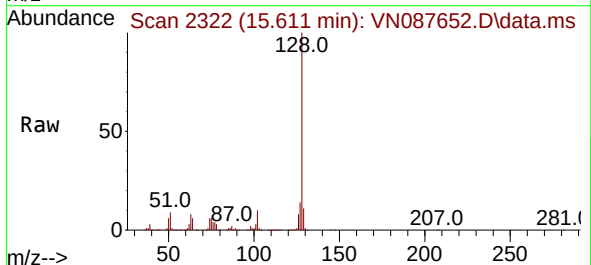


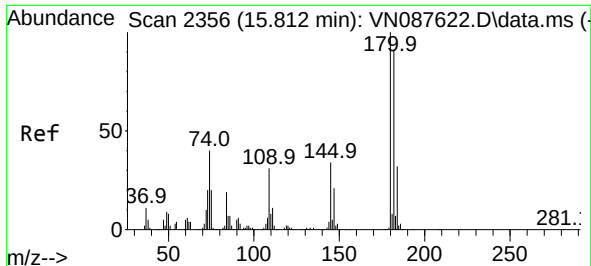
Tgt Ion:225 Resp: 637
Ion Ratio Lower Upper
225 100
223 33.4 32.0 96.2
227 43.6 32.1 96.5



#95
Naphthalene
Concen: 589.567 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN087652.D
Acq: 25 Aug 2025 13:16

Tgt Ion:128 Resp: 8465904
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 10.8 8.6 12.8





#96

1,2,3-Trichlorobenzene

Concen: 0.395 ug/l

RT: 15.817 min Scan# 21

Delta R.T. 0.006 min

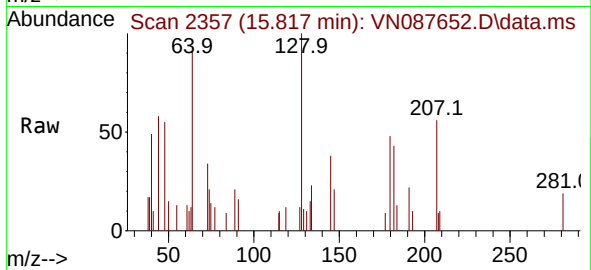
Lab File: VN087652.D

Acq: 25 Aug 2025 13:16

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 1565

Ion Ratio Lower Upper

180 100

182 85.6 46.8 140.3

145 37.8 17.3 52.0

