

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090525\
 Data File : VN087734.D
 Acq On : 05 Sep 2025 11:52
 Operator : JC\MD
 Sample : VN0905MBL01
 Misc : 5.0g/10mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 06 01:02:21 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	157377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	367612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	339404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	155299	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	170651	52.924	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.840%	
35) Dibromofluoromethane	8.147	113	136537	51.443	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.880%	
50) Toluene-d8	10.547	98	475974	47.914	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.820%	
62) 4-Bromofluorobenzene	12.829	95	159261	45.080	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 90.160%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.148	85	689	0.308	ug/l	84
3) Chloromethane	2.406	50	545	0.237	ug/l #	42
5) Bromomethane	2.989	94	1154	0.840	ug/l	98
10) Methyl Iodide	4.571	142	104	6.865	ug/l #	38
11) Tert butyl alcohol	5.524	59	380	0.679	ug/l #	71
13) Acrolein	4.165	56	1083	1.574	ug/l #	60
15) Acrylonitrile	5.694	53	480	0.304	ug/l #	39
16) Acetone	4.424	43	3214	1.831	ug/l	89
17) Carbon Disulfide	4.706	76	4479	0.717	ug/l #	74
18) Methyl Acetate	5.012	43	1260	0.343	ug/l #	63
20) Methylene Chloride	5.259	84	468	Below Cal	#	15
21) trans-1,2-Dichloroethene	5.783	96	1029	0.418	ug/l #	37
23) Vinyl Acetate	6.594	43	2847	0.353	ug/l #	72
25) 2-Butanone	7.477	43	1093	0.473	ug/l #	52
31) Cyclohexane	8.212	56	5749	1.417	ug/l #	29
38) Carbon Tetrachloride	8.200	117	18983	4.722	ug/l #	13
39) Methylcyclohexane	9.582	83	1560	0.348	ug/l #	55
49) 1,4-Dioxane	9.682	88	91	1.709	ug/l #	13
51) 4-Methyl-2-Pentanone	10.429	43	1631	0.311	ug/l #	84
58) 2-Chloroethyl Vinyl ether	10.153	63	794	0.306	ug/l #	63
59) 2-Hexanone	10.988	43	1280	0.386	ug/l	99
64) Tetrachloroethene	11.082	164	504	0.214	ug/l #	79
68) m/p-Xylenes	12.070	106	1624	0.303	ug/l	91
76) 1,2,3-Trichloropropane	12.823	75	92690	25.451	ug/l #	1
78) n-propylbenzene	13.012	91	3740	0.242	ug/l	94
79) 2-Chlorotoluene	13.206	91	2526	0.272	ug/l	87
80) 1,3,5-Trimethylbenzene	13.153	105	2842	0.267	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.823	75	92690	67.380	ug/l #	1
82) 4-Chlorotoluene	13.206	91	2526	0.258	ug/l	88
83) tert-Butylbenzene	13.417	119	2388	0.269	ug/l	71
84) 1,2,4-Trimethylbenzene	13.459	105	2631	0.247	ug/l #	52
85) sec-Butylbenzene	13.600	105	5023	0.382	ug/l	90
86) p-Isopropyltoluene	13.712	119	3571	0.328	ug/l	88
87) 1,3-Dichlorobenzene	13.717	146	1638	0.281	ug/l #	71
88) 1,4-Dichlorobenzene	13.788	146	2086	0.344	ug/l #	24
89) n-Butylbenzene	14.035	91	4964	0.460	ug/l	88

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Sample : VN0905MBL01
Misc : 5.0g/10mL/100uL/5.0mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Sep 06 01:02:21 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

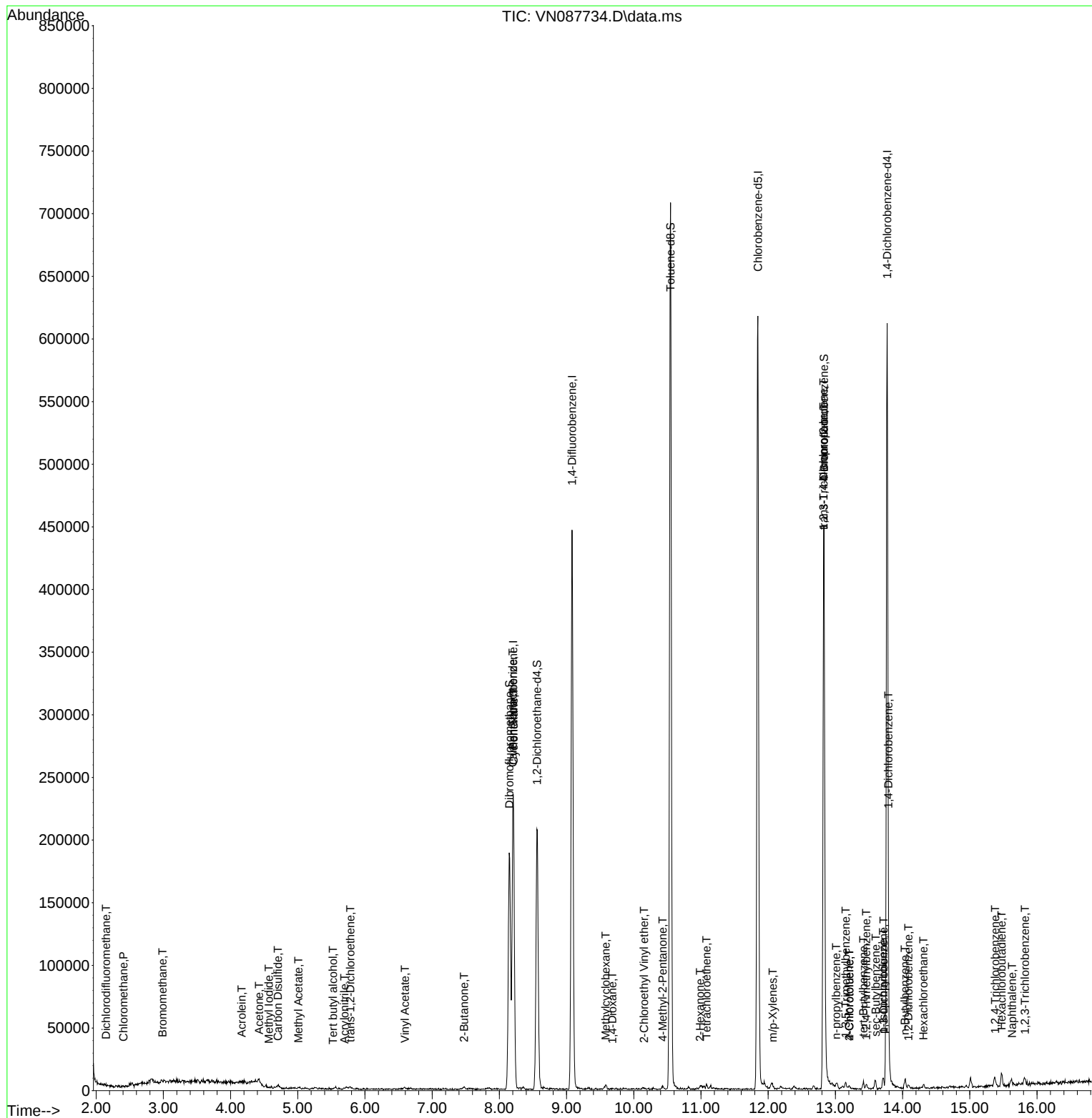
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.311	117	766	0.370	ug/l #	59
91) 1,2-Dichlorobenzene	14.088	146	1341	0.243	ug/l	86
93) 1,2,4-Trichlorobenzene	15.376	180	2022	0.609	ug/l	81
94) Hexachlorobutadiene	15.476	225	1484	1.254	ug/l #	67
95) Naphthalene	15.629	128	5796	0.493	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.823	180	2282	0.703	ug/l	83

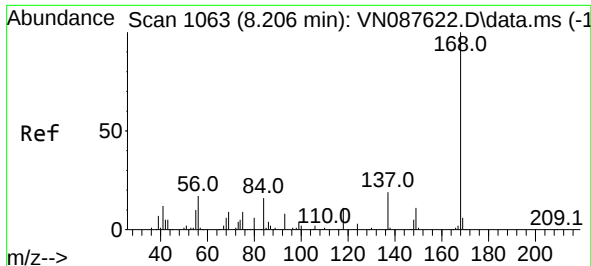
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

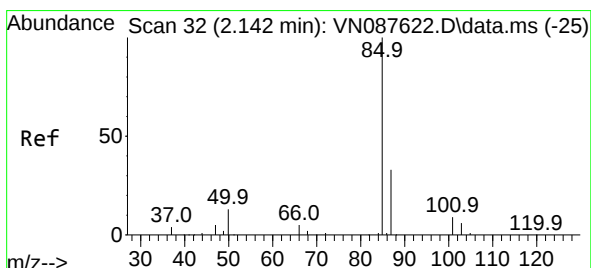
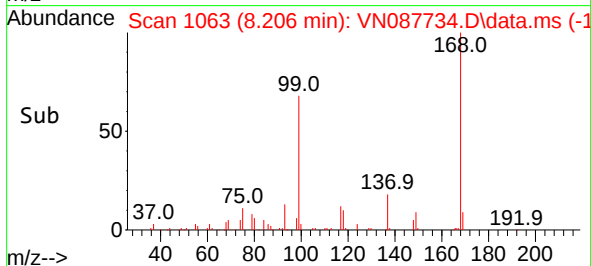
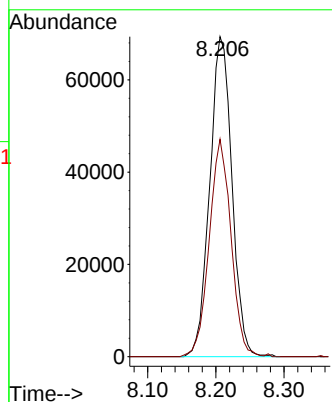
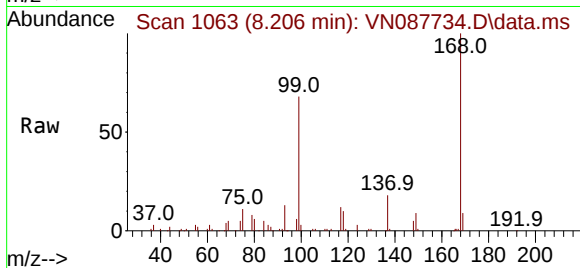




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN087734.D
Acq: 05 Sep 2025 11:52

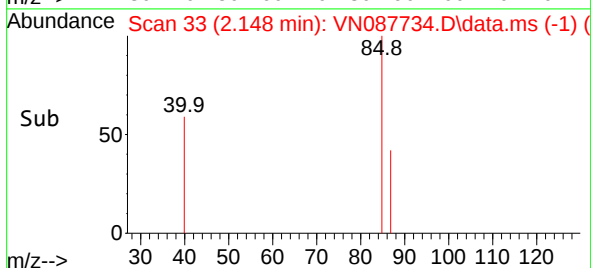
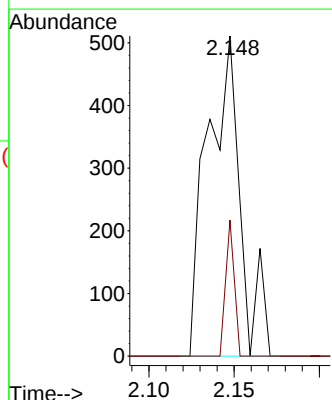
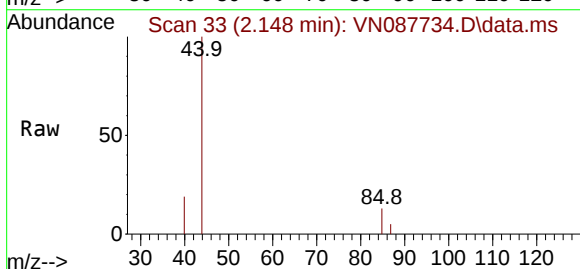
Instrument :
MSVOA_N
ClientSampleId :

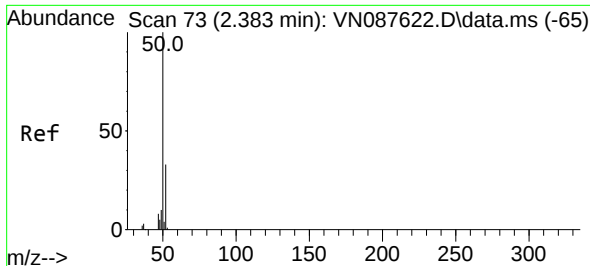
Tgt Ion:168 Resp: 157377
Ion Ratio Lower Upper
168 100
99 68.0 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 0.308 ug/l
RT: 2.148 min Scan# 33
Delta R.T. 0.006 min
Lab File: VN087734.D
Acq: 05 Sep 2025 11:52

Tgt Ion: 85 Resp: 689
Ion Ratio Lower Upper
85 100
87 42.5 16.6 49.8

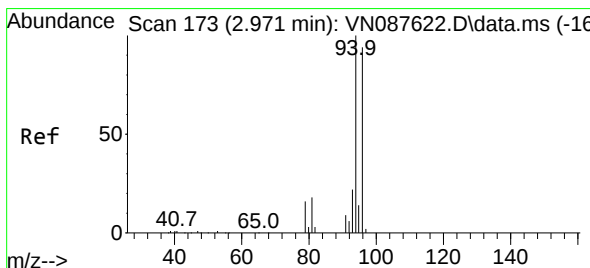
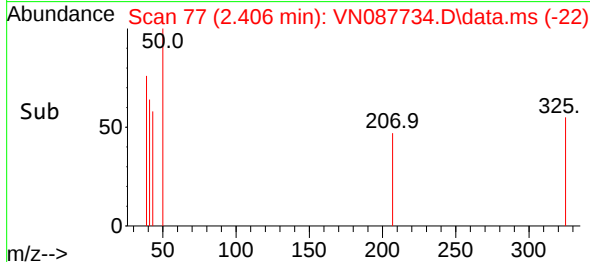
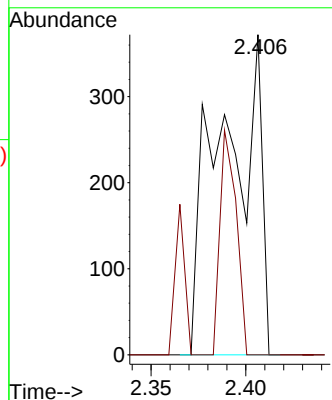
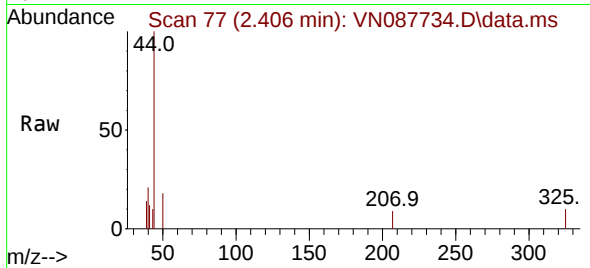




#3
Chloromethane
Concen: 0.237 ug/l
RT: 2.406 min Scan# 71
Delta R.T. 0.023 min
Lab File: VN087734.D
Acq: 05 Sep 2025 11:52

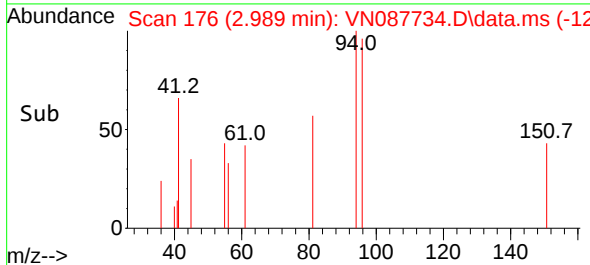
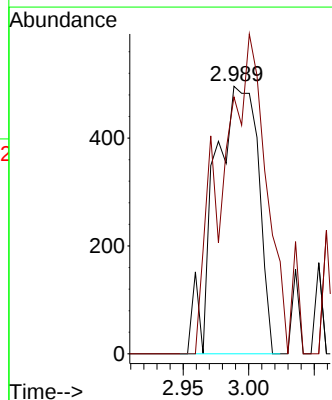
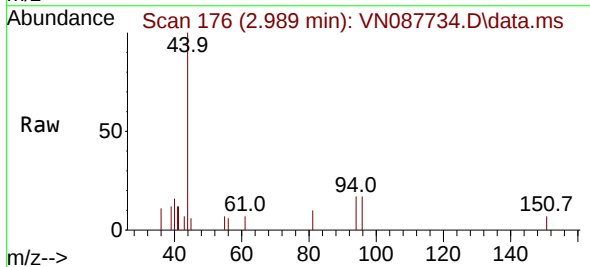
Instrument :
MSVOA_N
ClientSampleId :

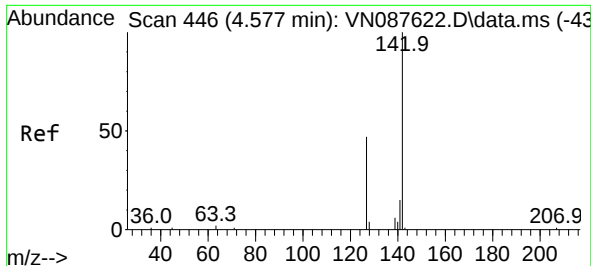
Tgt Ion: 50 Resp: 545
Ion Ratio Lower Upper
50 100
52 0.0 26.2 39.4#



#5
Bromomethane
Concen: 0.840 ug/l
RT: 2.989 min Scan# 176
Delta R.T. 0.018 min
Lab File: VN087734.D
Acq: 05 Sep 2025 11:52

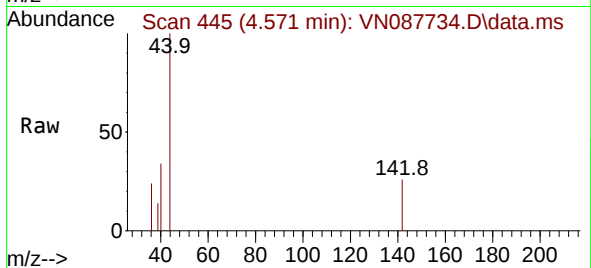
Tgt Ion: 94 Resp: 1154
Ion Ratio Lower Upper
94 100
96 96.0 75.4 113.2



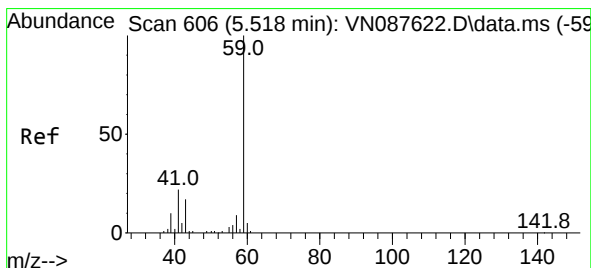
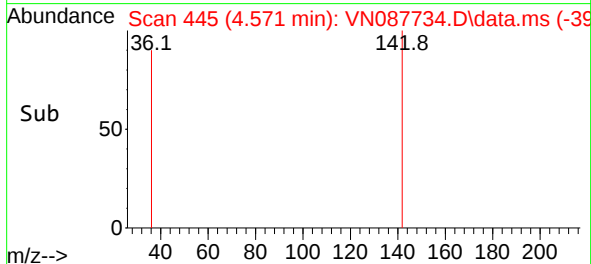
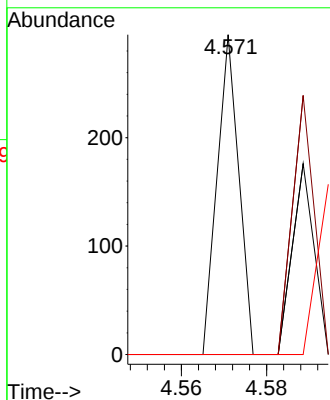


#10
Methyl Iodide
Concen: 6.865 ug/l
RT: 4.571 min Scan# 446
Delta R.T. -0.006 min
Lab File: VN087734.D
Acq: 05 Sep 2025 11:52

Instrument :
MSVOA_N
ClientSampleId :

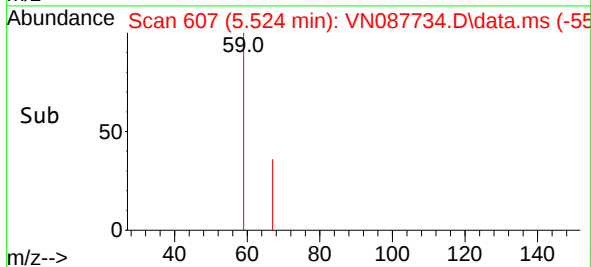
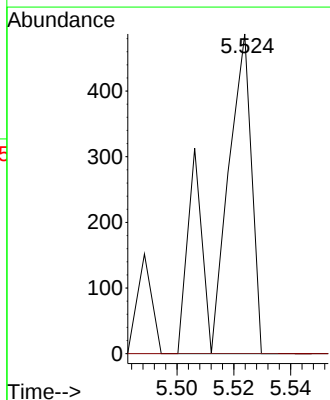
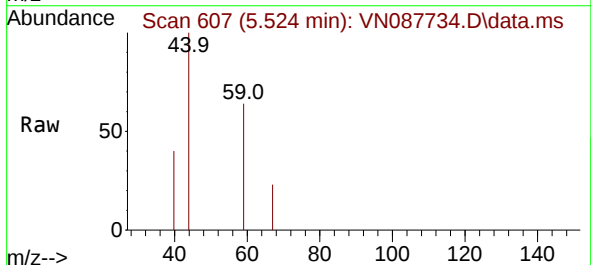


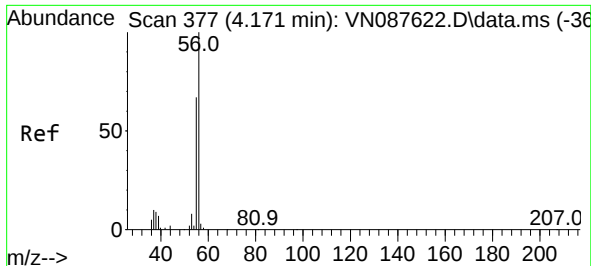
Tgt Ion:142 Resp: 104
Ion Ratio Lower Upper
142 100
127 0.0 38.0 57.0#
141 0.0 12.0 18.0#



#11
Tert butyl alcohol
Concen: 0.679 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN087734.D
Acq: 05 Sep 2025 11:52

Tgt Ion: 59 Resp: 380
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#

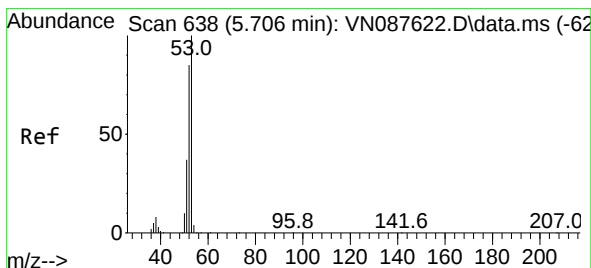
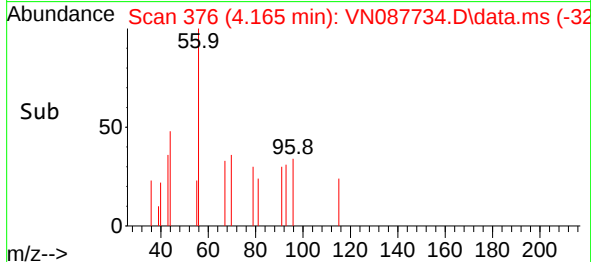
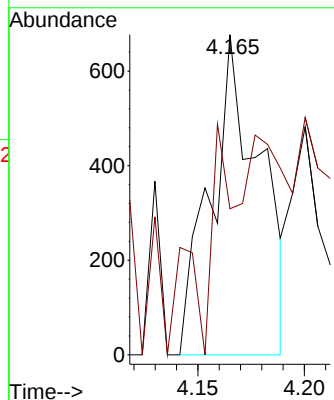
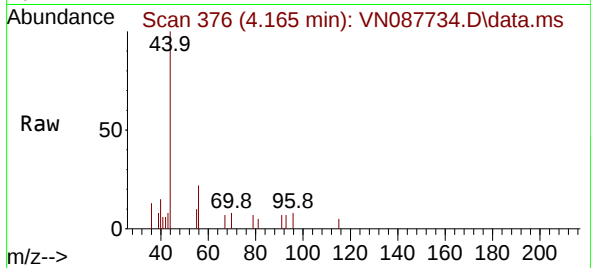




#13
Acrolein
Concen: 1.574 ug/l
RT: 4.165 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN087734.D
Acq: 05 Sep 2025 11:52

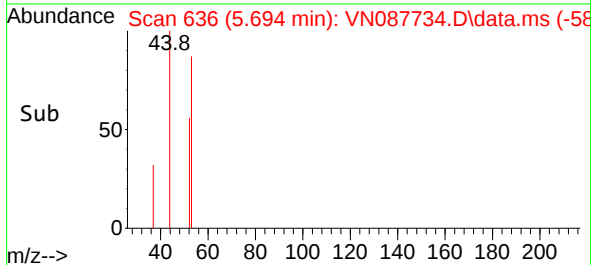
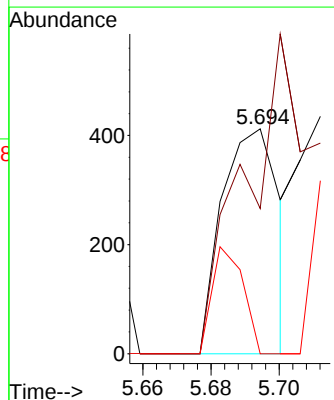
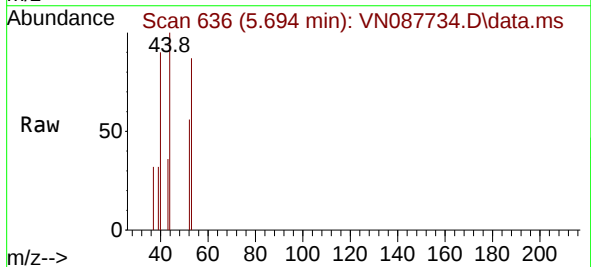
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MSVOA_N
ClientSampleId :

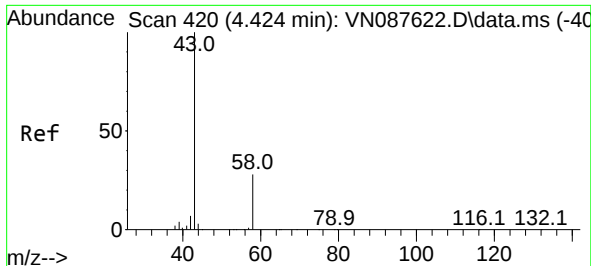
Tgt Ion: 56 Resp: 1083
Ion Ratio Lower Upper
56 100
55 104.4 57.3 85.9#



#15
Acrylonitrile
Concen: 0.304 ug/l
RT: 5.694 min Scan# 636
Delta R.T. -0.012 min
Lab File: VN087734.D
Acq: 05 Sep 2025 11:52

Tgt Ion: 53 Resp: 480
Ion Ratio Lower Upper
53 100
52 162.5 67.6 101.4#
51 35.0 30.1 45.1

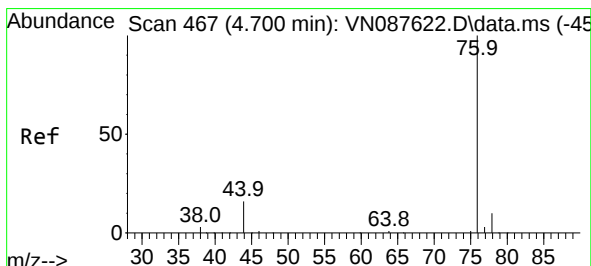
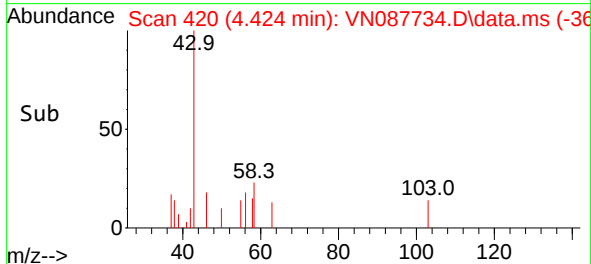
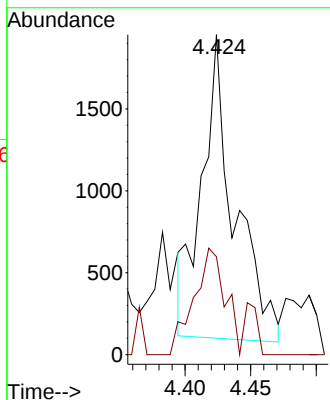
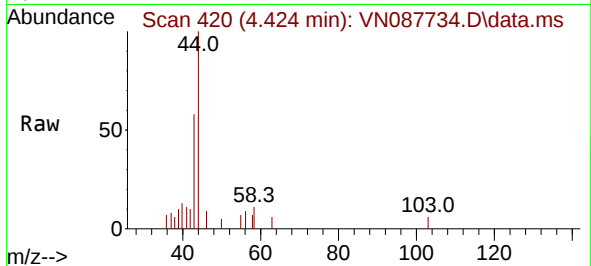




#16
Acetone
Concen: 1.831 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN087734.D
Acq: 05 Sep 2025 11:52

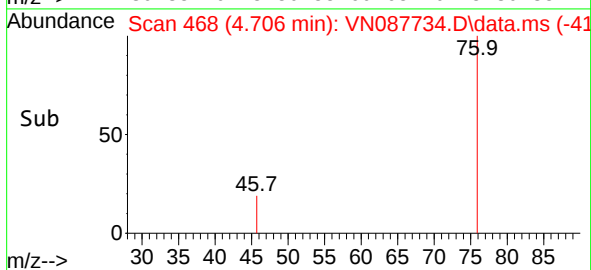
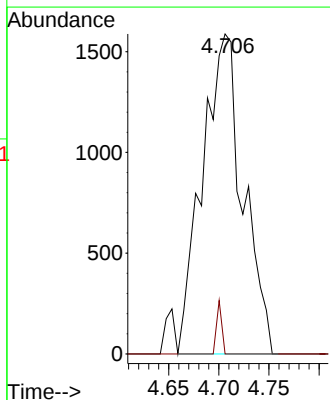
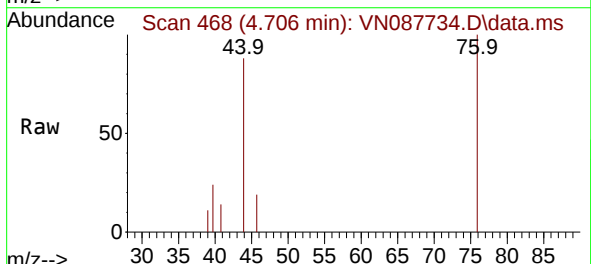
Instrument :
MSVOA_N
ClientSampleId :

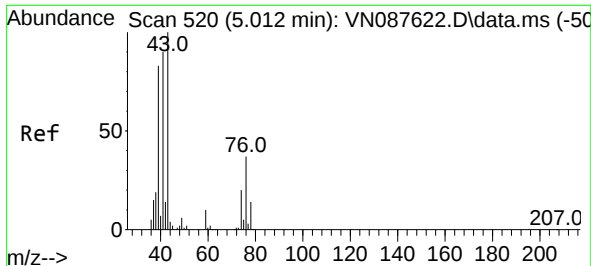
Tgt Ion: 43 Resp: 3214
Ion Ratio Lower Upper
43 100
58 33.7 22.6 33.8



#17
Carbon Disulfide
Concen: 0.717 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN087734.D
Acq: 05 Sep 2025 11:52

Tgt Ion: 76 Resp: 4479
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#





#18

Methyl Acetate

Concen: 0.343 ug/l

RT: 5.012 min Scan# 51

Delta R.T. -0.000 min

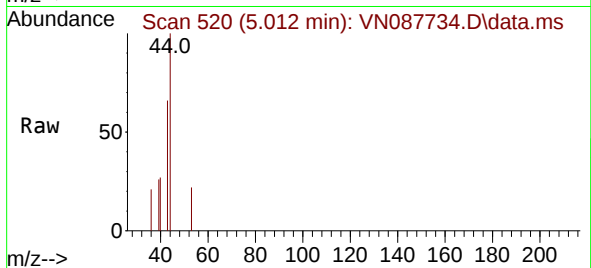
Lab File: VN087734.D

Acq: 05 Sep 2025 11:52

Instrument :

MSVOA_N

ClientSampleId :

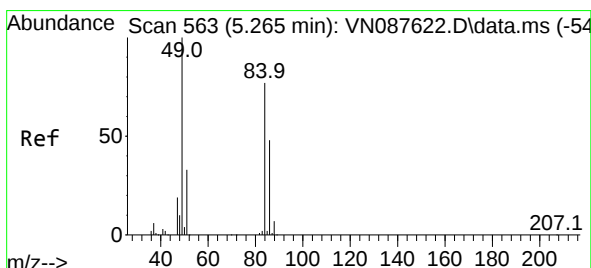
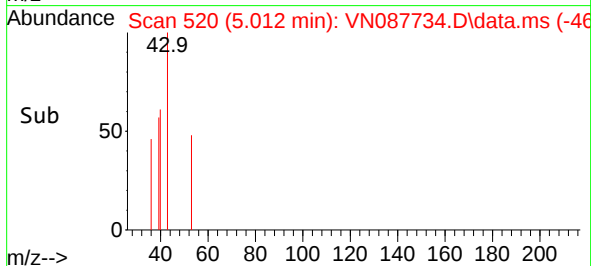
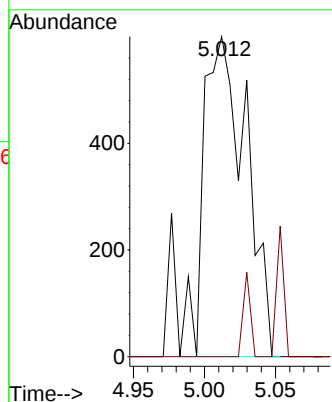


Tgt Ion: 43 Resp: 1260

Ion Ratio Lower Upper

43 100

74 4.4 17.6 26.4#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.259 min Scan# 562

Delta R.T. -0.006 min

Lab File: VN087734.D

Acq: 05 Sep 2025 11:52

Tgt Ion: 84 Resp: 468

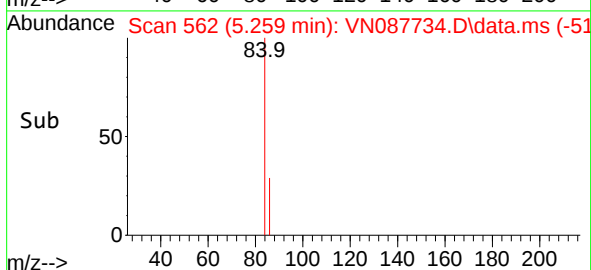
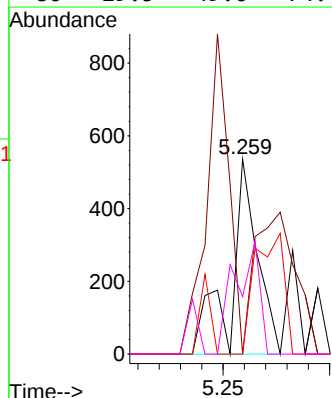
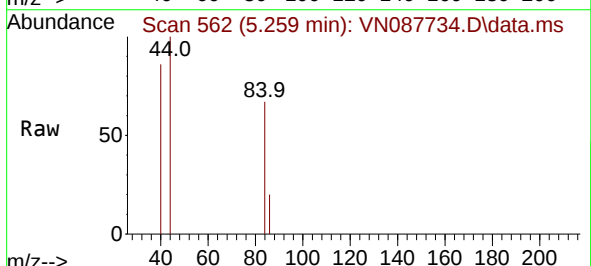
Ion Ratio Lower Upper

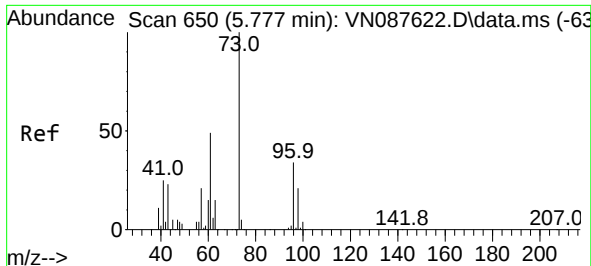
84 100

49 0.0 103.4 155.2#

51 0.0 33.8 50.8#

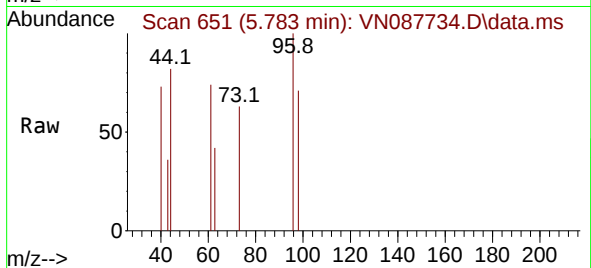
86 29.5 49.6 74.4#



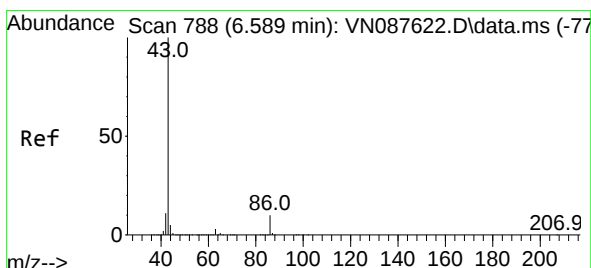
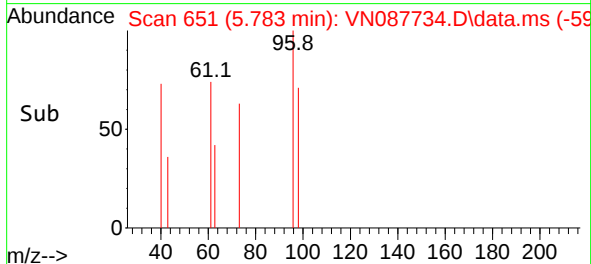
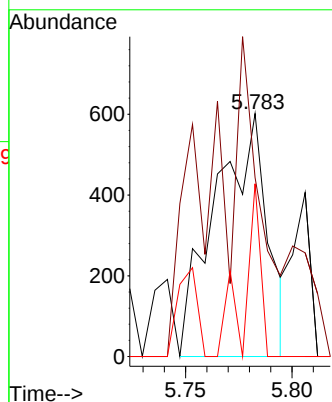


#21
trans-1,2-Dichloroethene
Concen: 0.418 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087734.D
Acq: 05 Sep 2025 11:52

Instrument :
MSVOA_N
ClientSampleId :

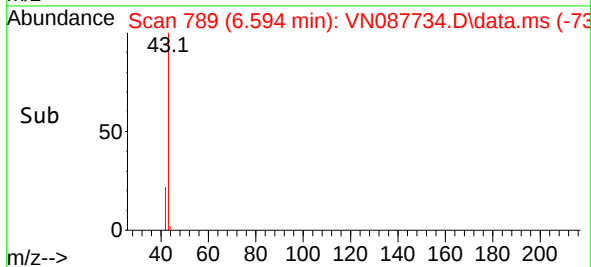
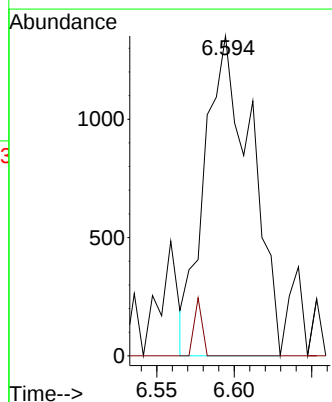
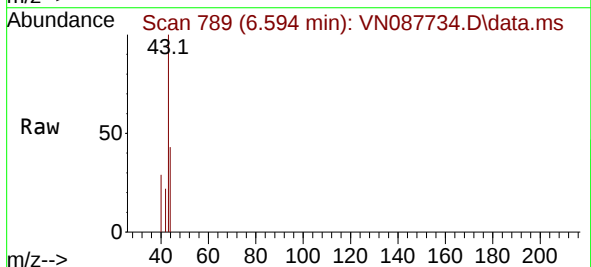


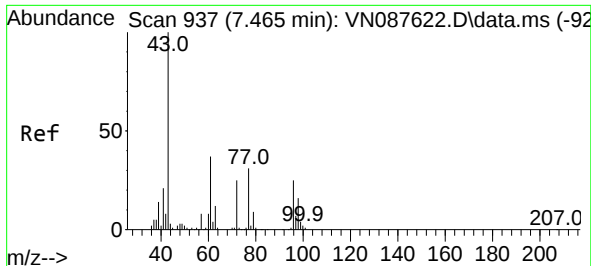
Tgt Ion: 96 Resp: 1029
Ion Ratio Lower Upper
96 100
61 40.2 118.0 177.0#
98 71.1 50.0 75.0



#23
Vinyl Acetate
Concen: 0.353 ug/l
RT: 6.594 min Scan# 789
Delta R.T. 0.006 min
Lab File: VN087734.D
Acq: 05 Sep 2025 11:52

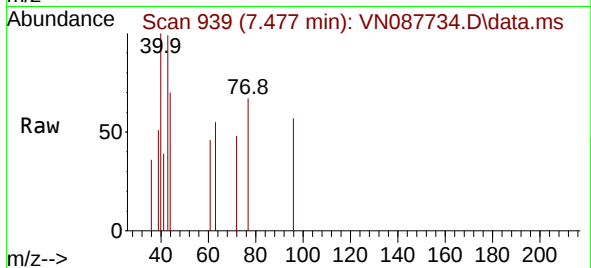
Tgt Ion: 43 Resp: 2847
Ion Ratio Lower Upper
43 100
86 0.0 8.2 12.4#



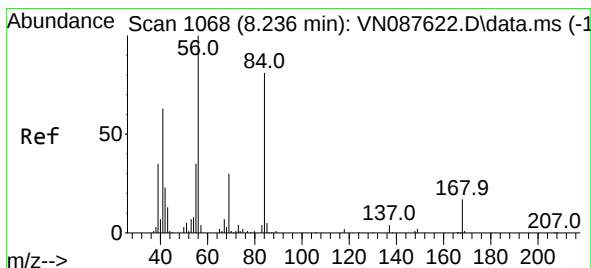
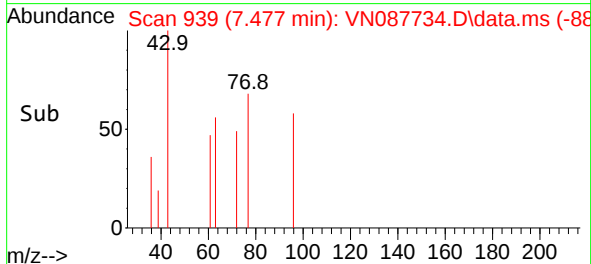
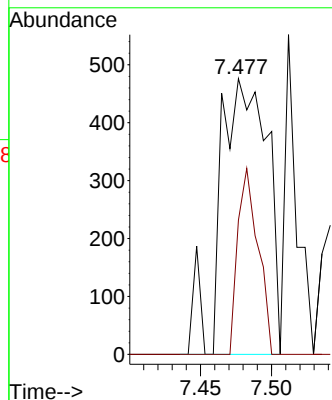


#25
2-Butanone
Concen: 0.473 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN087734.D
Acq: 05 Sep 2025 11:52

Instrument :
MSVOA_N
ClientSampleId :

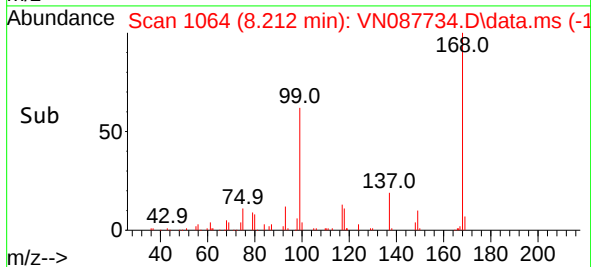
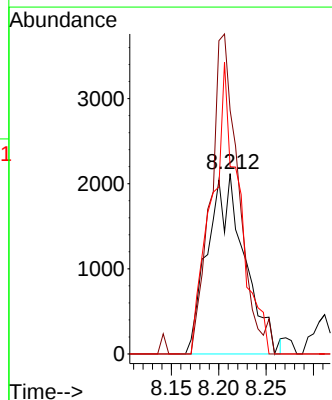
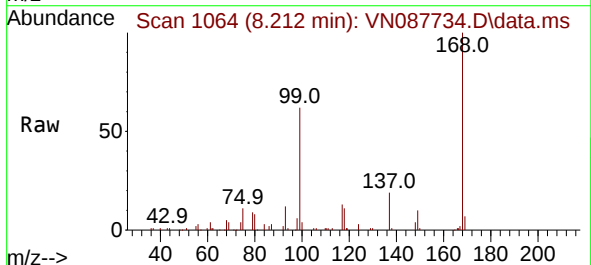


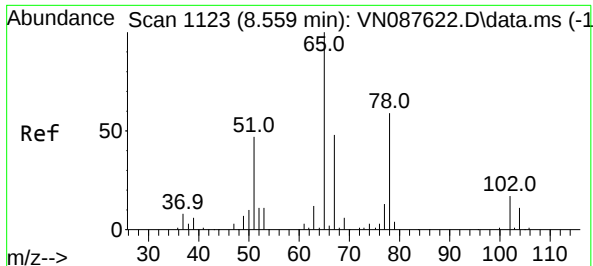
Tgt Ion: 43 Resp: 1093
Ion Ratio Lower Upper
43 100
72 48.7 19.9 29.9#



#31
Cyclohexane
Concen: 1.417 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.024 min
Lab File: VN087734.D
Acq: 05 Sep 2025 11:52

Tgt Ion: 56 Resp: 5749
Ion Ratio Lower Upper
56 100
69 135.2 23.7 35.5#
84 103.8 64.7 97.1#





#33

1,2-Dichloroethane-d4

Concen: 52.924 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087734.D

Acq: 05 Sep 2025 11:52

Instrument :

MSVOA_N

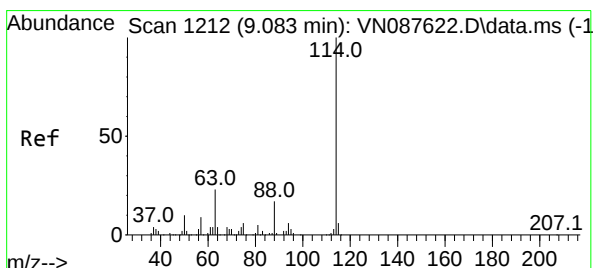
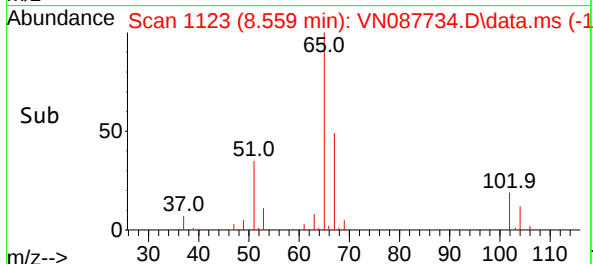
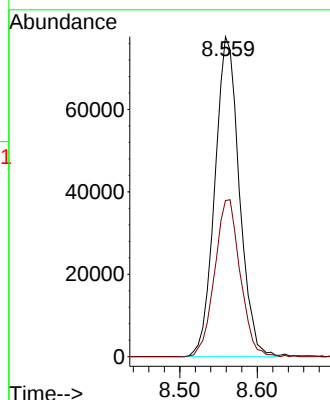
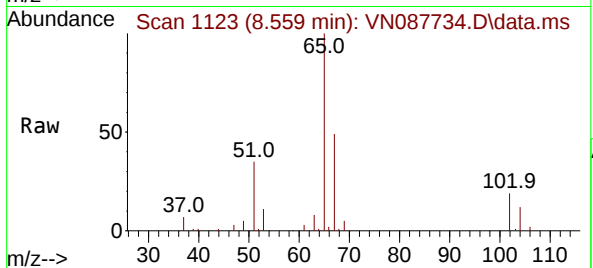
ClientSampleId :

Tgt Ion: 65 Resp: 170651

Ion Ratio Lower Upper

65 100

67 51.1 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087734.D

Acq: 05 Sep 2025 11:52

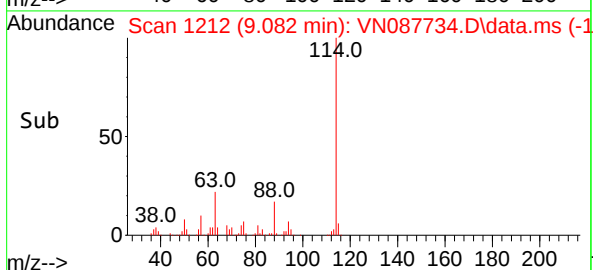
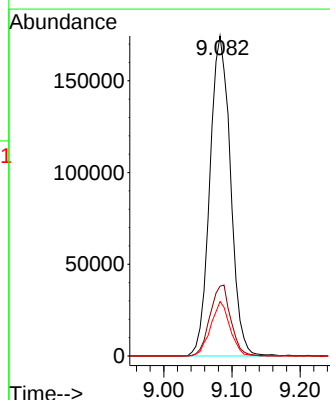
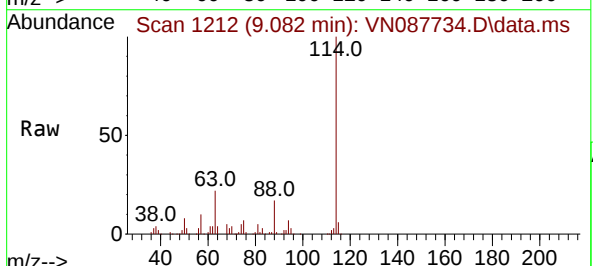
Tgt Ion: 114 Resp: 367612

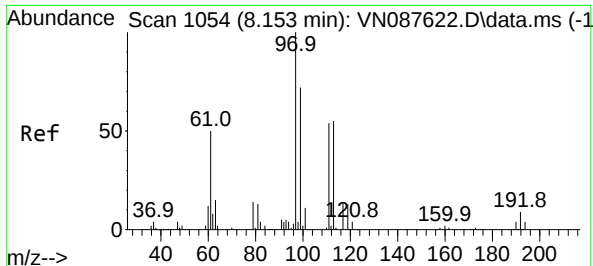
Ion Ratio Lower Upper

114 100

63 21.8 0.0 45.2

88 17.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 51.443 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087734.D

Acq: 05 Sep 2025 11:52

Instrument :

MSVOA_N

ClientSampleId :

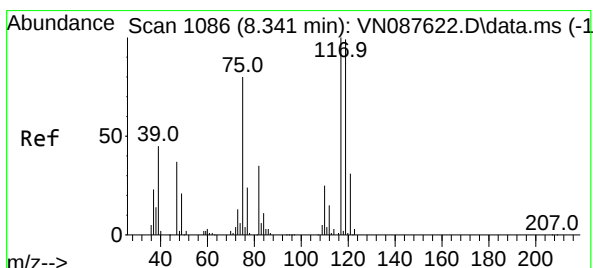
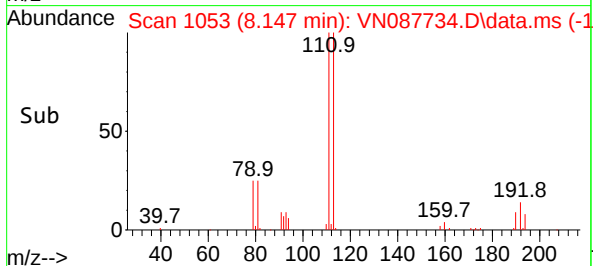
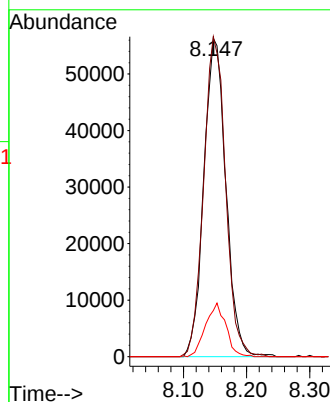
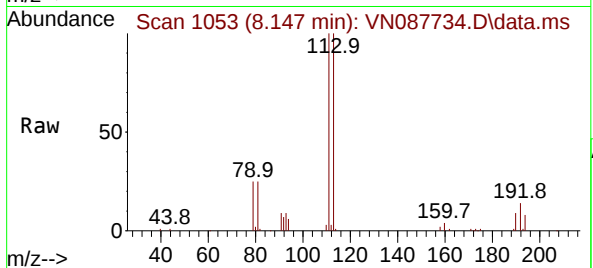
Tgt Ion:113 Resp: 136537

Ion Ratio Lower Upper

113 100

111 99.9 82.8 124.2

192 15.6 12.8 19.2



#38

Carbon Tetrachloride

Concen: 4.722 ug/l

RT: 8.200 min Scan# 1062

Delta R.T. -0.141 min

Lab File: VN087734.D

Acq: 05 Sep 2025 11:52

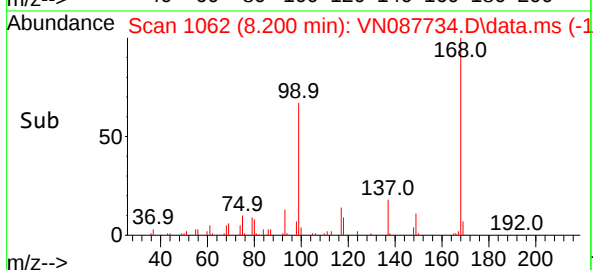
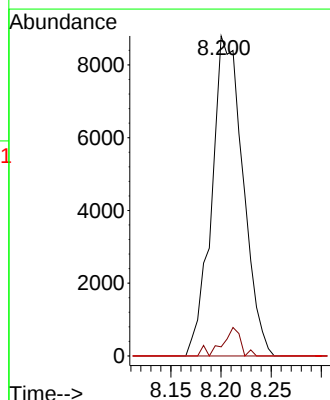
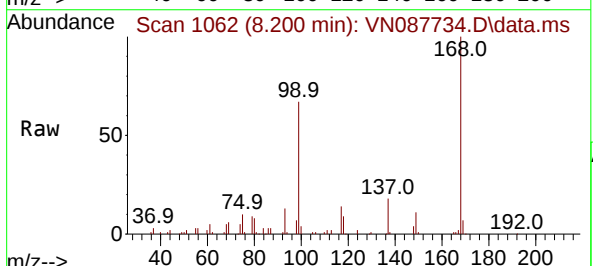
Tgt Ion:117 Resp: 18983

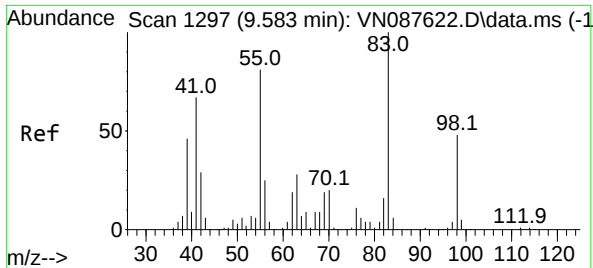
Ion Ratio Lower Upper

117 100

119 2.9 79.0 118.6#

121 0.0 25.0 37.6#

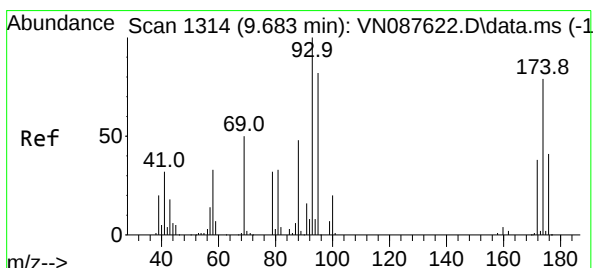
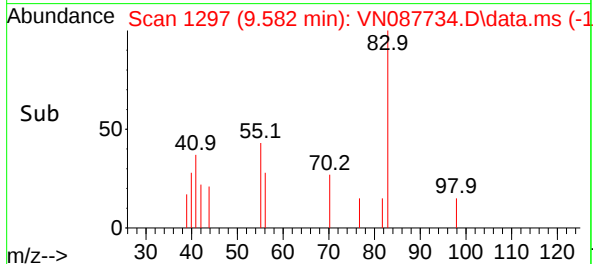
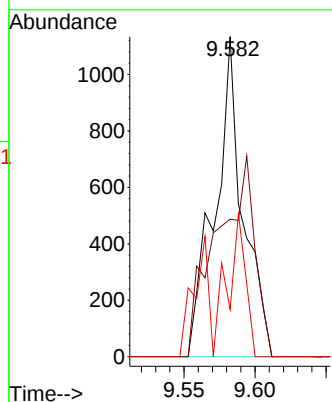
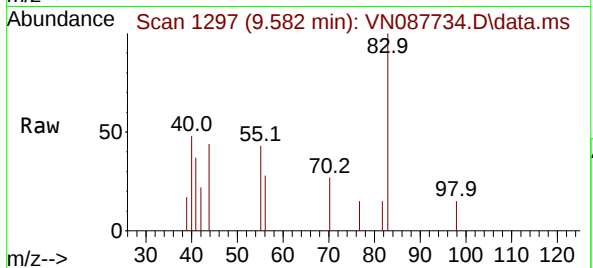




#39
Methylcyclohexane
Concen: 0.348 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN087734.D
Acq: 05 Sep 2025 11:52

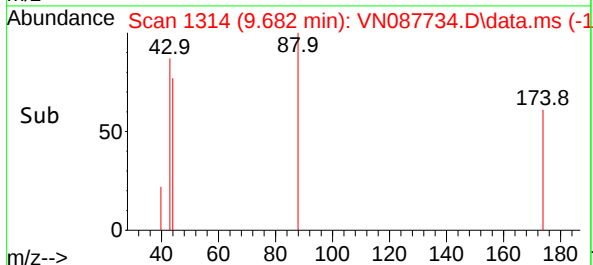
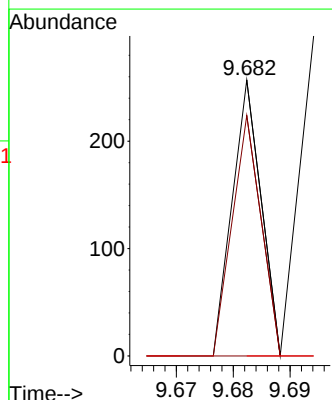
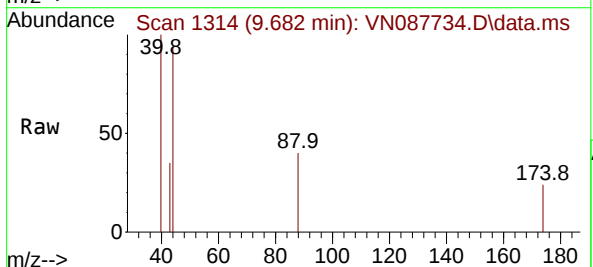
Instrument :
MSVOA_N
ClientSampleId :

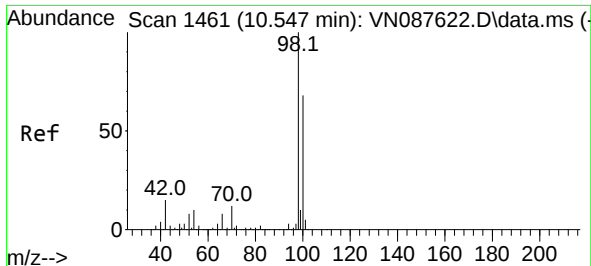
Tgt Ion: 83 Resp: 1560
Ion Ratio Lower Upper
83 100
55 42.9 64.6 96.8#
98 14.8 38.4 57.6#



#49
1,4-Dioxane
Concen: 1.709 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN087734.D
Acq: 05 Sep 2025 11:52

Tgt Ion: 88 Resp: 91
Ion Ratio Lower Upper
88 100
43 86.8 0.0 0.0#
58 0.0 57.9 86.9#

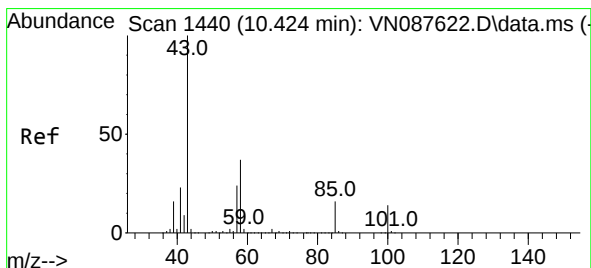
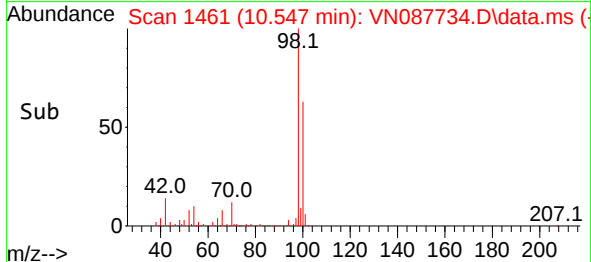
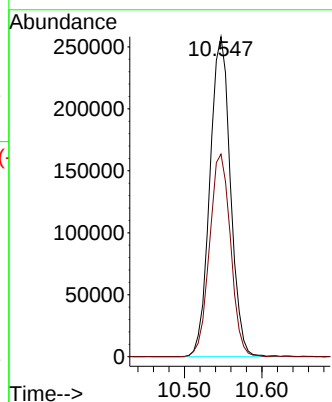
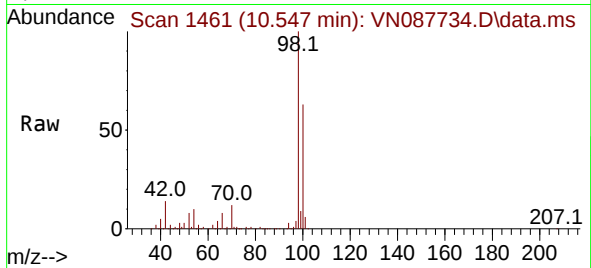




#50
Toluene-d8
Concen: 47.914 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087734.D
Acq: 05 Sep 2025 11:52

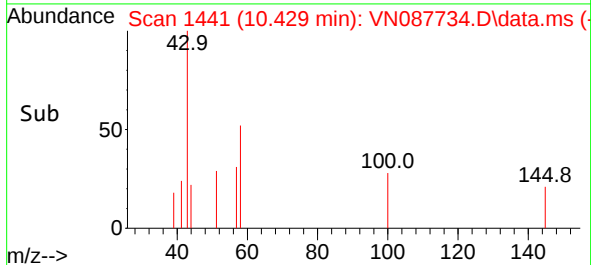
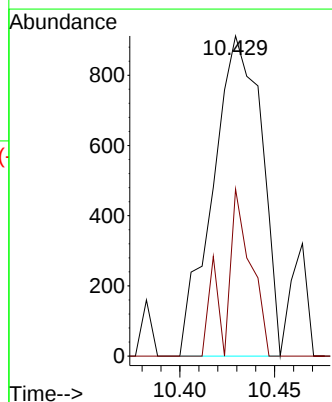
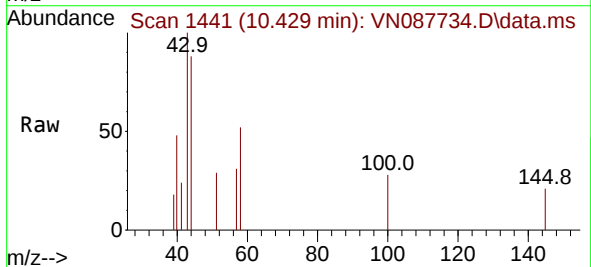
Instrument :
MSVOA_N
ClientSampleId :

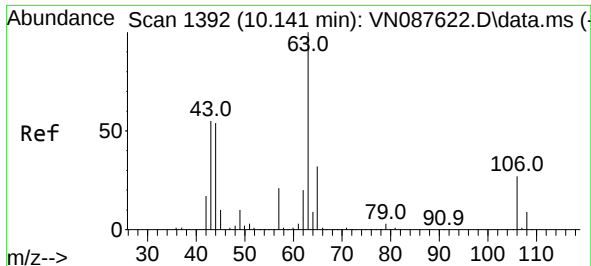
Tgt Ion: 98 Resp: 475974
Ion Ratio Lower Upper
98 100
100 64.8 52.8 79.2



#51
4-Methyl-2-Pentanone
Concen: 0.311 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.006 min
Lab File: VN087734.D
Acq: 05 Sep 2025 11:52

Tgt Ion: 43 Resp: 1631
Ion Ratio Lower Upper
43 100
58 27.3 29.6 44.4#

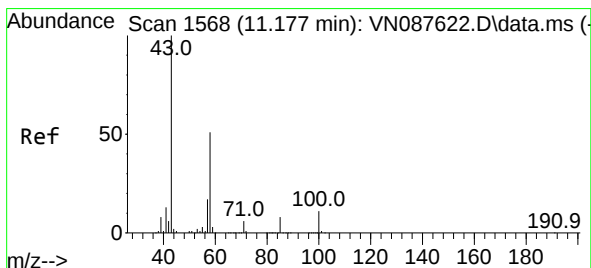
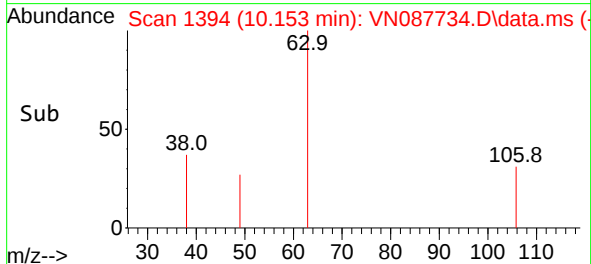
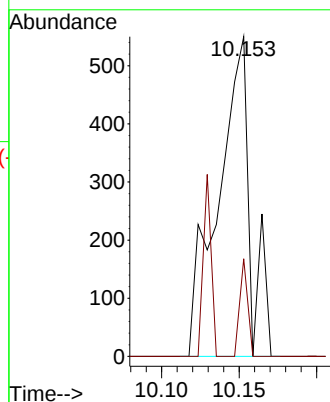
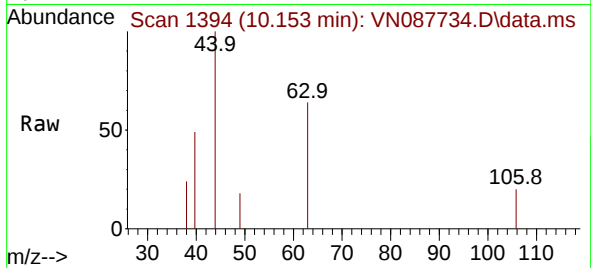




#58
2-Chloroethyl Vinyl ether
Concen: 0.306 ug/l
RT: 10.153 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN087734.D
Acq: 05 Sep 2025 11:52

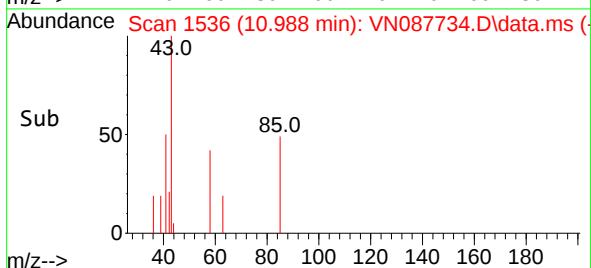
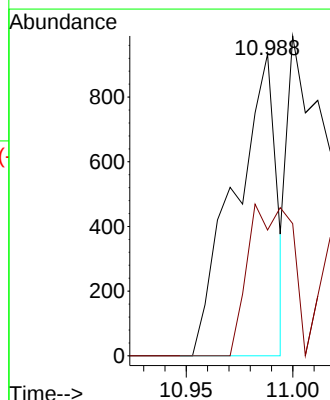
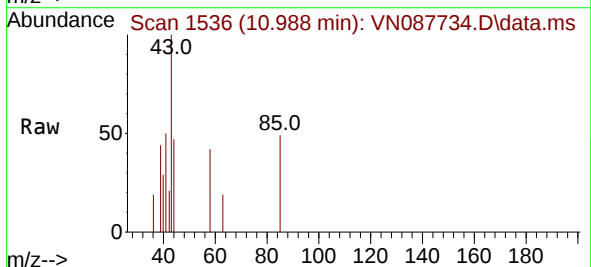
Instrument :
MSVOA_N
ClientSampleId :

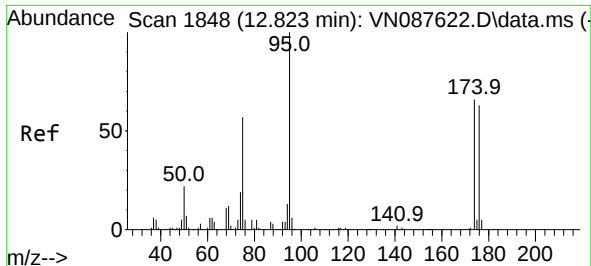
Tgt Ion: 63 Resp: 794
Ion Ratio Lower Upper
63 100
106 7.4 21.1 31.7#



#59
2-Hexanone
Concen: 0.386 ug/l
RT: 10.988 min Scan# 1536
Delta R.T. -0.188 min
Lab File: VN087734.D
Acq: 05 Sep 2025 11:52

Tgt Ion: 43 Resp: 1280
Ion Ratio Lower Upper
43 100
58 52.8 25.9 77.8

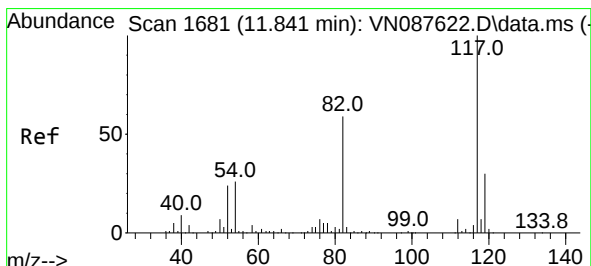
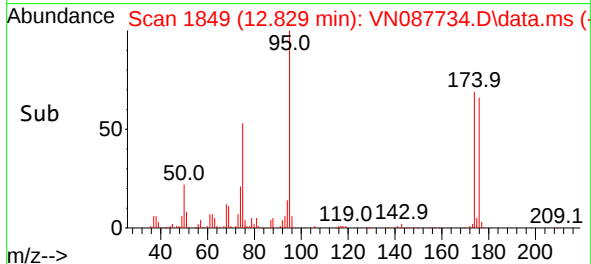
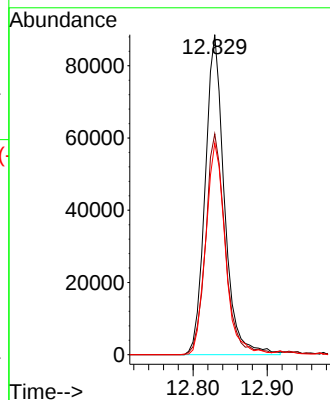
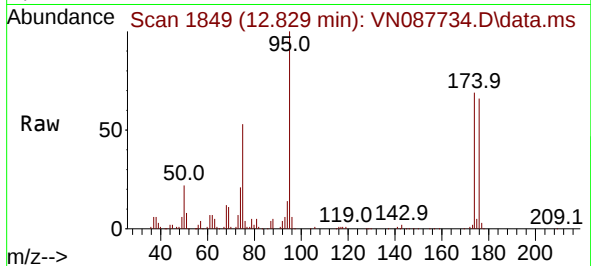




#62
4-Bromofluorobenzene
Concen: 45.080 ug/l
RT: 12.829 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087734.D
Acq: 05 Sep 2025 11:52

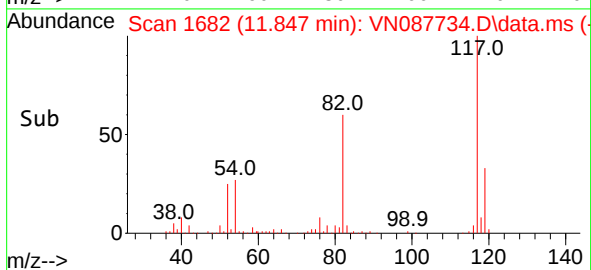
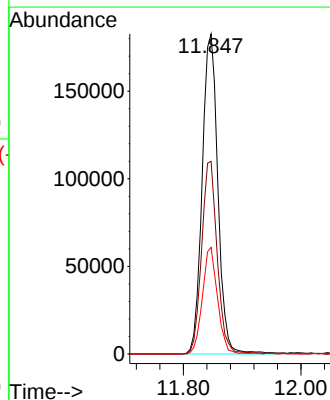
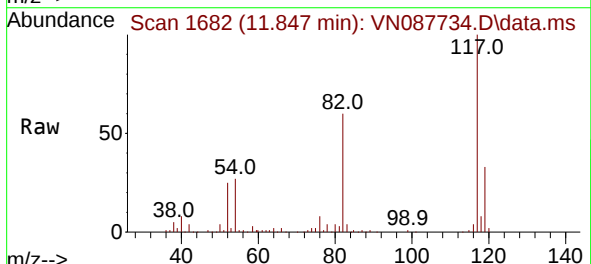
Instrument :
MSVOA_N
ClientSampleId :

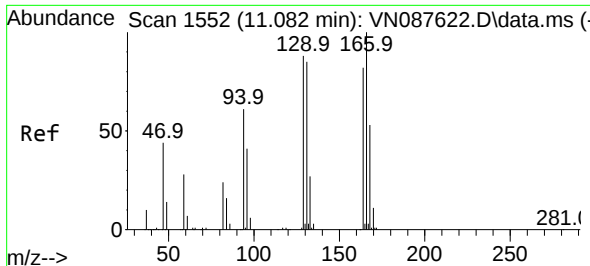
Tgt Ion: 95 Resp: 159261
Ion Ratio Lower Upper
95 100
174 70.6 0.0 138.4
176 67.5 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN087734.D
Acq: 05 Sep 2025 11:52

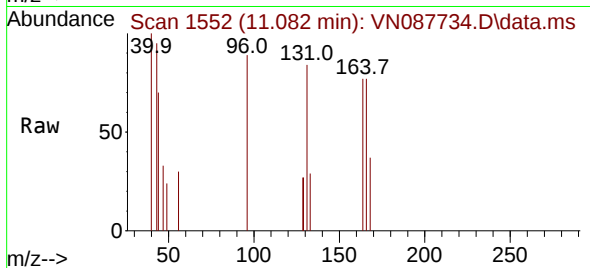
Tgt Ion: 117 Resp: 339404
Ion Ratio Lower Upper
117 100
82 60.2 47.4 71.2
119 33.3 24.3 36.5



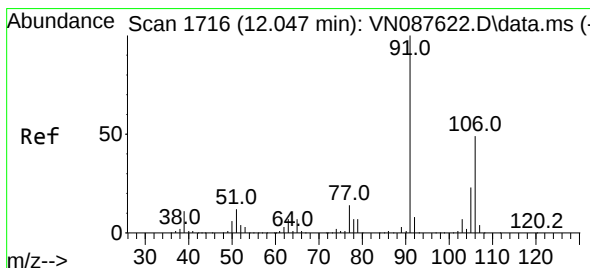
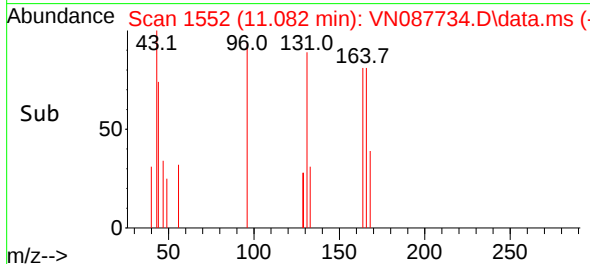
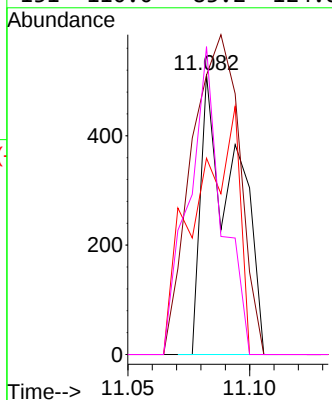


#64
Tetrachloroethene
Concen: 0.214 ug/l
RT: 11.082 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087734.D
Acq: 05 Sep 2025 11:52

Instrument :
MSVOA_N
ClientSampleId :

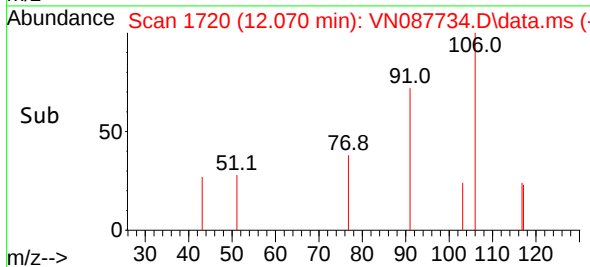
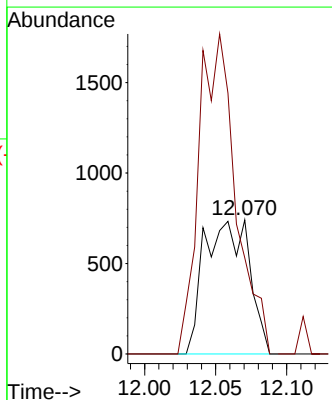
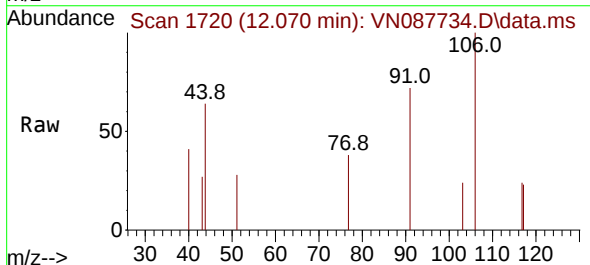


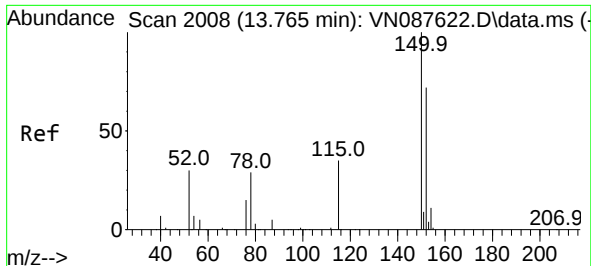
Tgt Ion:164 Resp: 504
Ion Ratio Lower Upper
164 100
166 99.8 97.7 146.5
129 70.1 85.9 128.9#
131 110.0 83.2 124.8



#68
m/p-Xylenes
Concen: 0.303 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.023 min
Lab File: VN087734.D
Acq: 05 Sep 2025 11:52

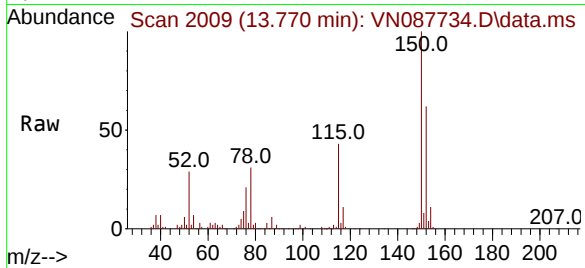
Tgt Ion:106 Resp: 1624
Ion Ratio Lower Upper
106 100
91 196.7 169.3 253.9



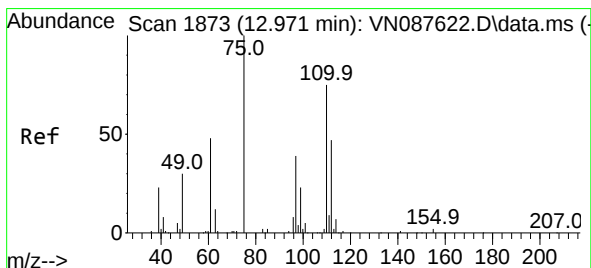
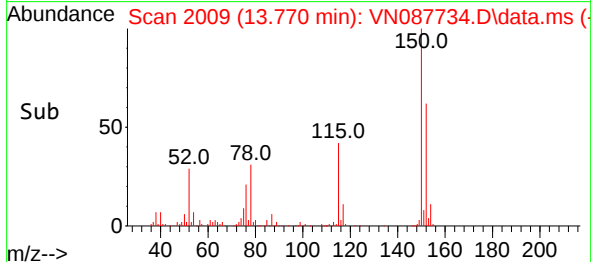
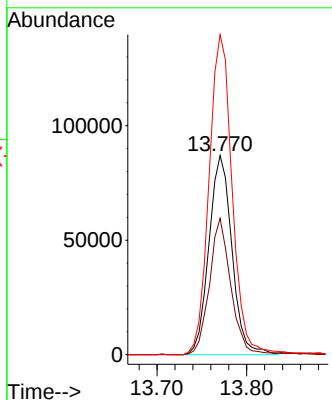


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN087734.D
 Acq: 05 Sep 2025 11:52

Instrument :
 MSVOA_N
 ClientSampleId :

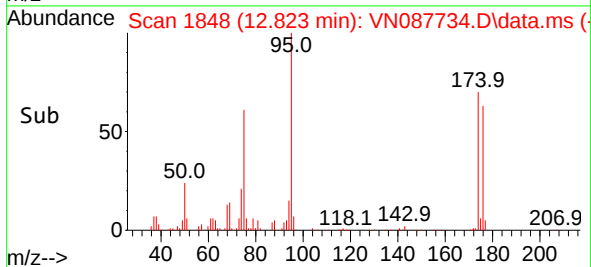
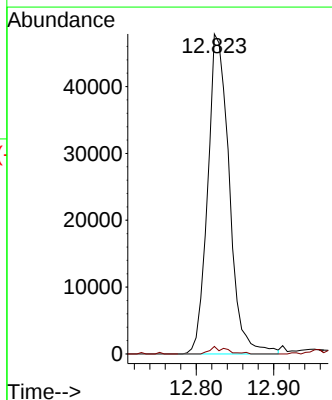
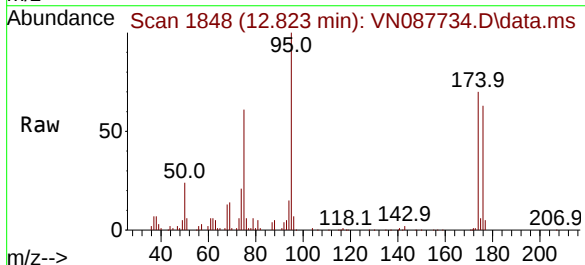


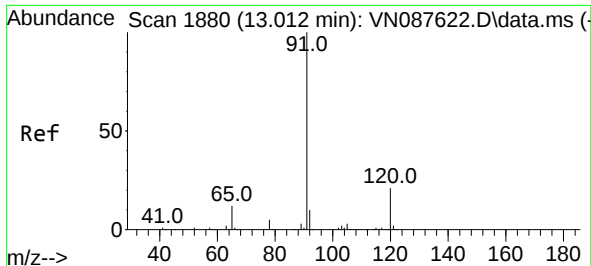
Tgt Ion:152 Resp: 155299
 Ion Ratio Lower Upper
 152 100
 115 64.1 32.3 96.8
 150 162.1 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 25.451 ug/l
 RT: 12.823 min Scan# 1848
 Delta R.T. -0.147 min
 Lab File: VN087734.D
 Acq: 05 Sep 2025 11:52

Tgt Ion: 75 Resp: 92690
 Ion Ratio Lower Upper
 75 100
 77 1.8 89.1 267.4#

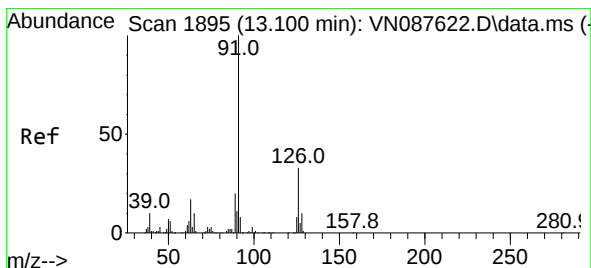
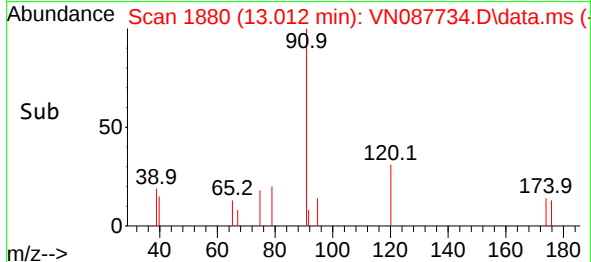
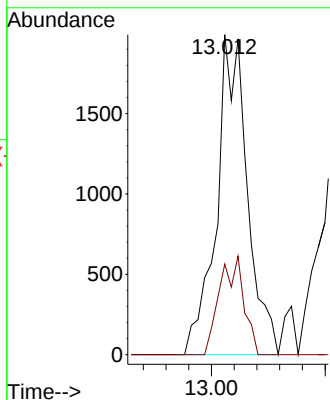
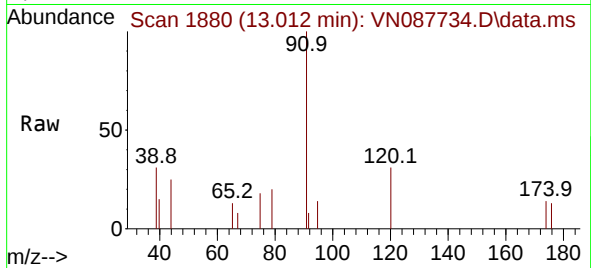




#78
n-propylbenzene
Concen: 0.242 ug/l
RT: 13.012 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087734.D
Acq: 05 Sep 2025 11:52

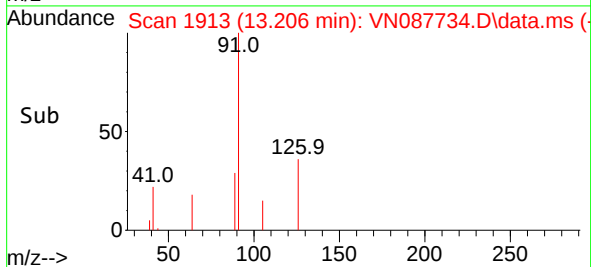
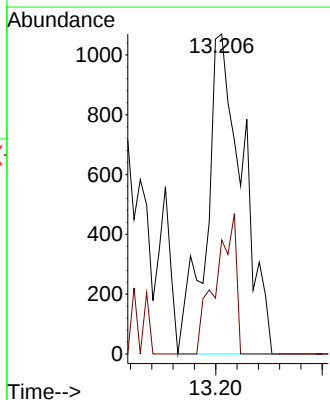
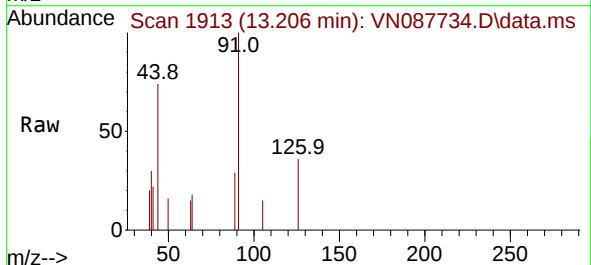
Instrument :
MSVOA_N
ClientSampleId :

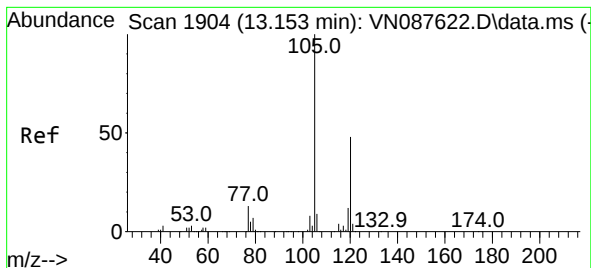
Tgt Ion: 91 Resp: 3740
Ion Ratio Lower Upper
91 100
120 24.2 10.7 32.1



#79
2-Chlorotoluene
Concen: 0.272 ug/l
RT: 13.206 min Scan# 1913
Delta R.T. 0.106 min
Lab File: VN087734.D
Acq: 05 Sep 2025 11:52

Tgt Ion: 91 Resp: 2526
Ion Ratio Lower Upper
91 100
126 24.7 16.1 48.3





#80

1,3,5-Trimethylbenzene

Concen: 0.267 ug/l

RT: 13.153 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VN087734.D

Acq: 05 Sep 2025 11:52

Instrument :

MSVOA_N

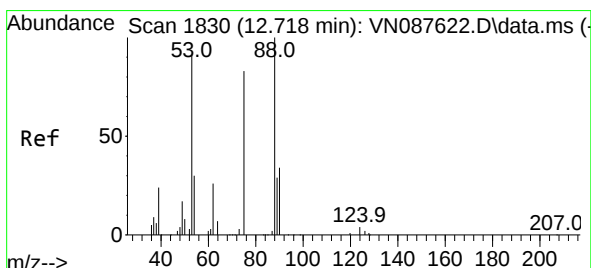
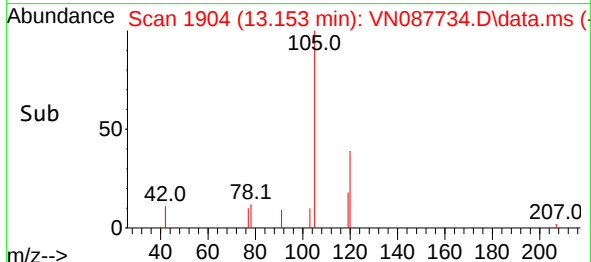
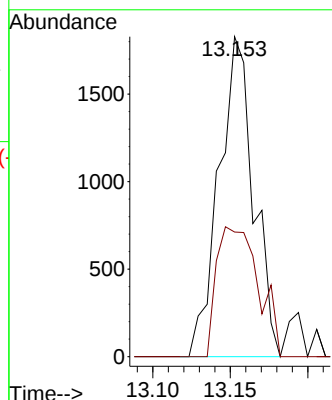
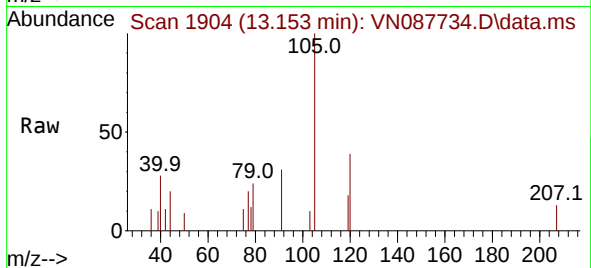
ClientSampleId :

Tgt Ion:105 Resp: 2842

Ion Ratio Lower Upper

105 100

120 48.9 23.2 69.6



#81

trans-1,4-Dichloro-2-butene

Concen: 67.380 ug/l

RT: 12.823 min Scan# 1848

Delta R.T. 0.106 min

Lab File: VN087734.D

Acq: 05 Sep 2025 11:52

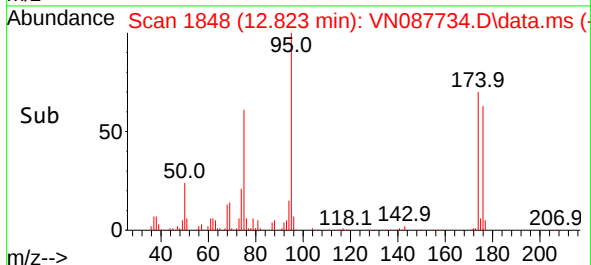
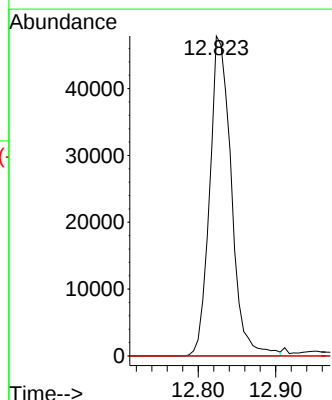
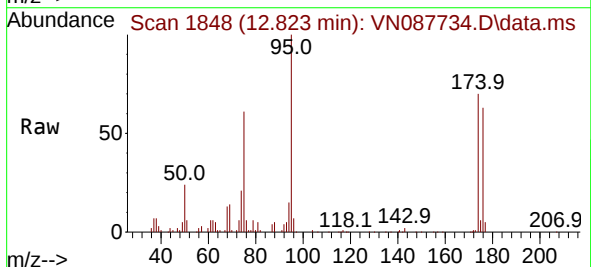
Tgt Ion: 75 Resp: 92690

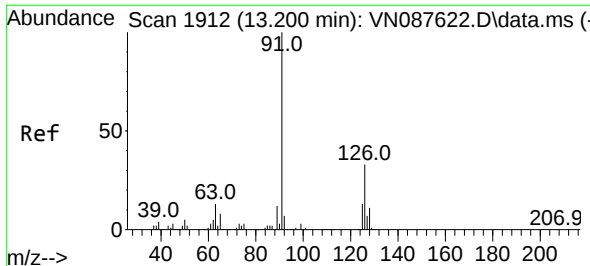
Ion Ratio Lower Upper

75 100

53 0.0 101.8 152.6#

89 0.0 35.6 53.4#

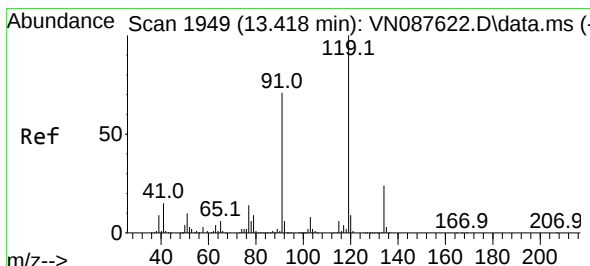
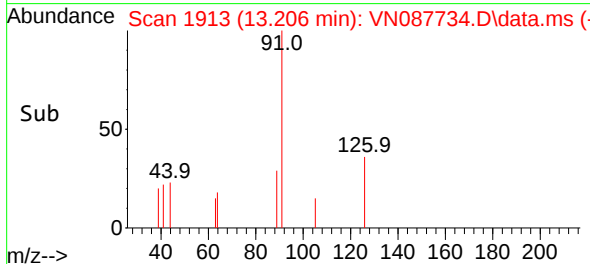
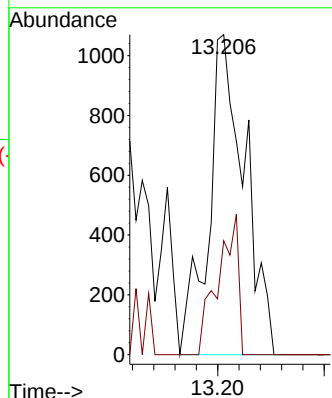
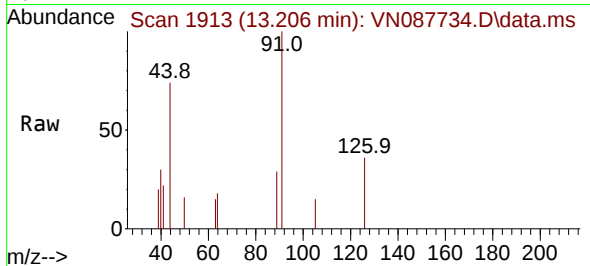




#82
4-Chlorotoluene
Concen: 0.258 ug/l
RT: 13.206 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VN087734.D
Acq: 05 Sep 2025 11:52

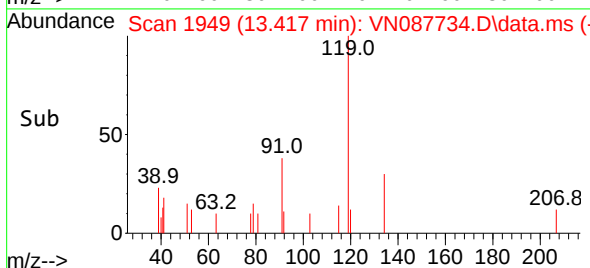
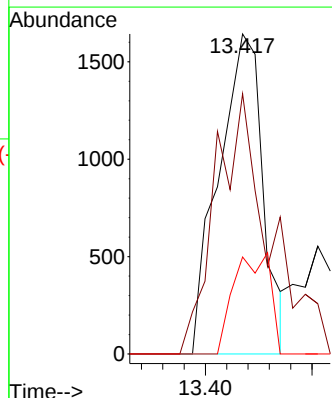
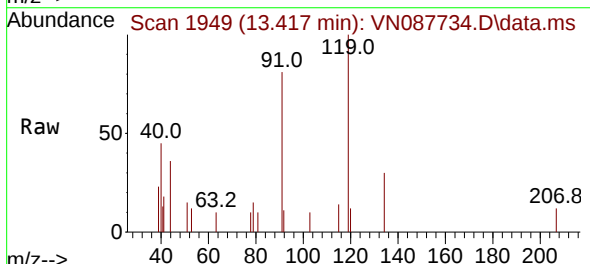
Instrument :
MSVOA_N
ClientSampleId :

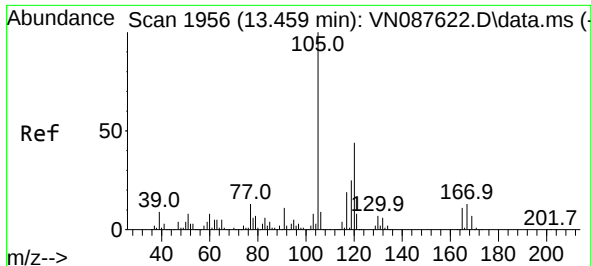
Tgt Ion: 91 Resp: 2526
Ion Ratio Lower Upper
91 100
126 24.7 15.6 46.8



#83
tert-Butylbenzene
Concen: 0.269 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN087734.D
Acq: 05 Sep 2025 11:52

Tgt Ion: 119 Resp: 2388
Ion Ratio Lower Upper
119 100
91 101.6 35.0 105.0
134 25.7 12.6 37.8

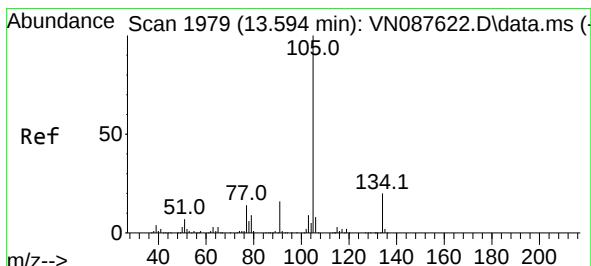
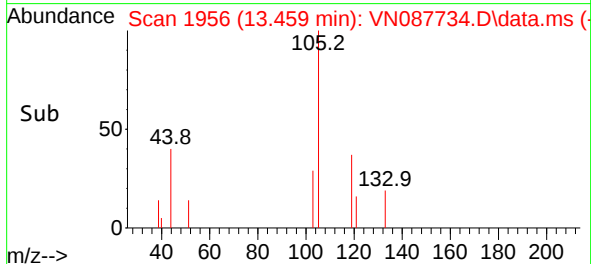
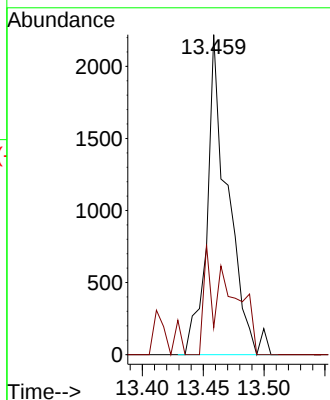
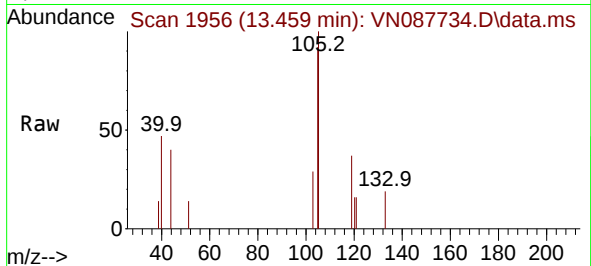




#84
1,2,4-Trimethylbenzene
Concen: 0.247 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087734.D
Acq: 05 Sep 2025 11:52

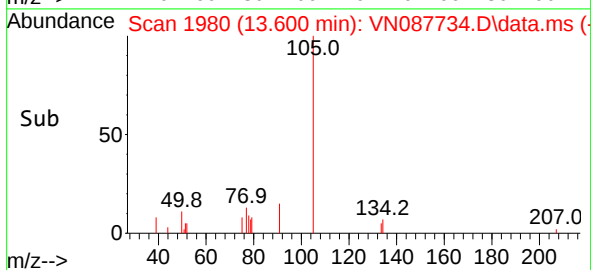
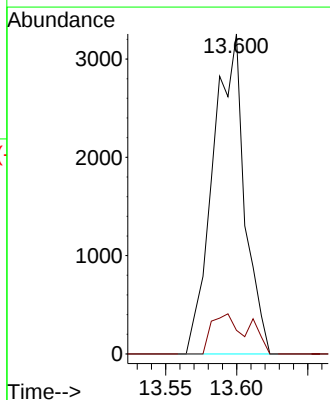
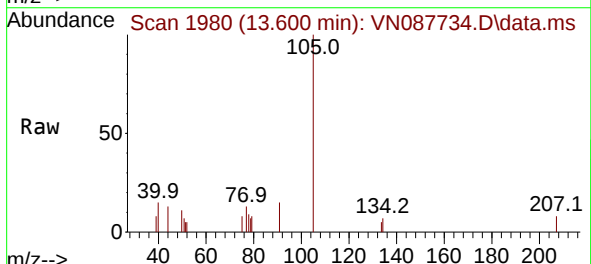
Instrument :
MSVOA_N
ClientSampleId :

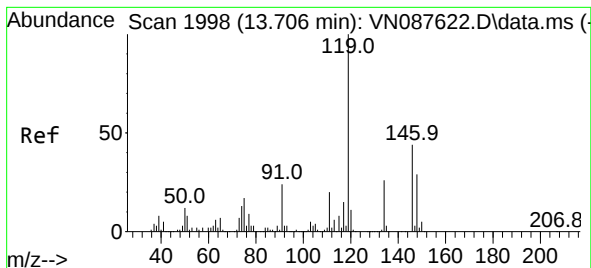
Tgt Ion:105 Resp: 2631
Ion Ratio Lower Upper
105 100
120 12.7 22.0 66.0#



#85
sec-Butylbenzene
Concen: 0.382 ug/l
RT: 13.600 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VN087734.D
Acq: 05 Sep 2025 11:52

Tgt Ion:105 Resp: 5023
Ion Ratio Lower Upper
105 100
134 14.4 9.6 28.6





#86

p-Isopropyltoluene

Concen: 0.328 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. 0.006 min

Lab File: VN087734.D

Acq: 05 Sep 2025 11:52

Instrument :

MSVOA_N

ClientSampleId :

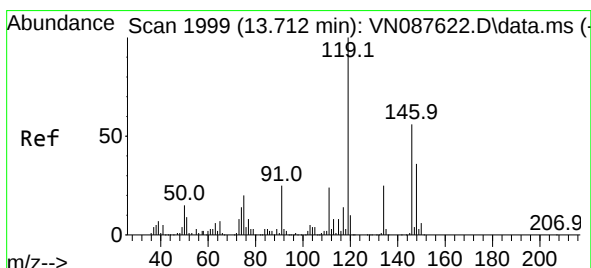
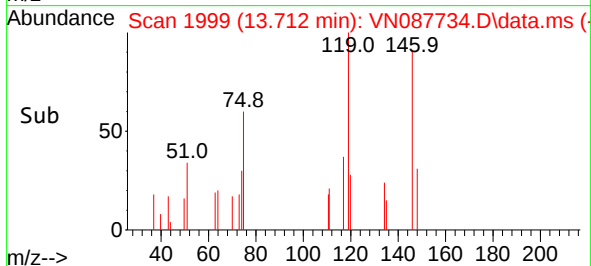
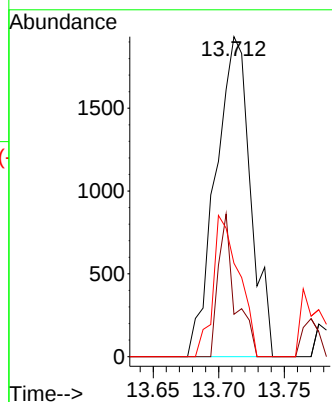
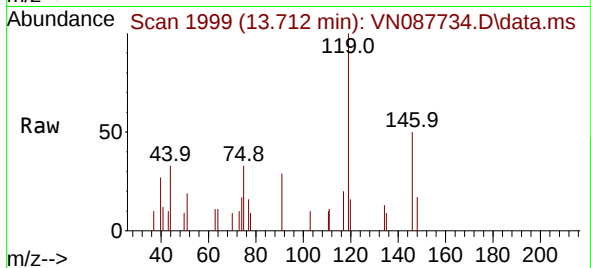
Tgt Ion:119 Resp: 3571

Ion Ratio Lower Upper

119 100

134 21.5 12.7 38.0

91 32.8 12.5 37.5



#87

1,3-Dichlorobenzene

Concen: 0.281 ug/l

RT: 13.717 min Scan# 2000

Delta R.T. 0.006 min

Lab File: VN087734.D

Acq: 05 Sep 2025 11:52

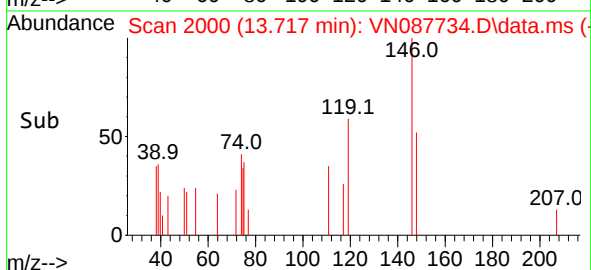
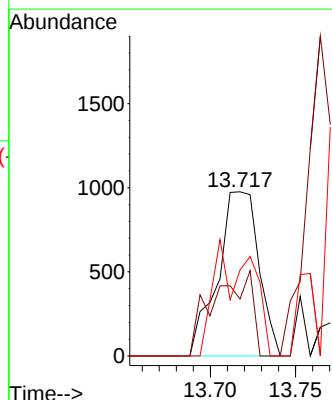
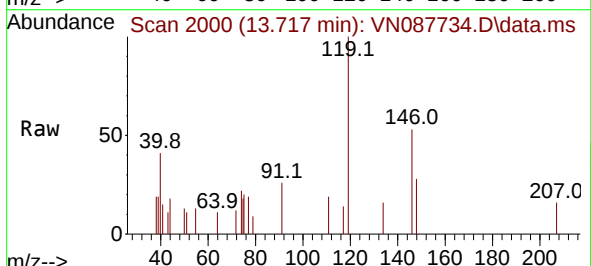
Tgt Ion:146 Resp: 1638

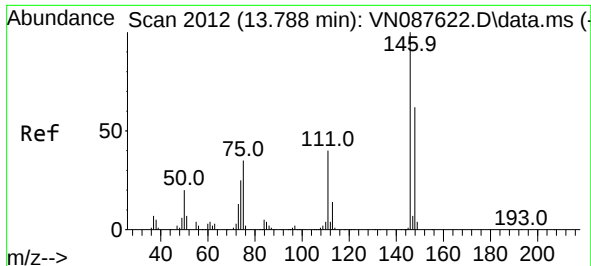
Ion Ratio Lower Upper

146 100

111 49.2 22.1 66.5

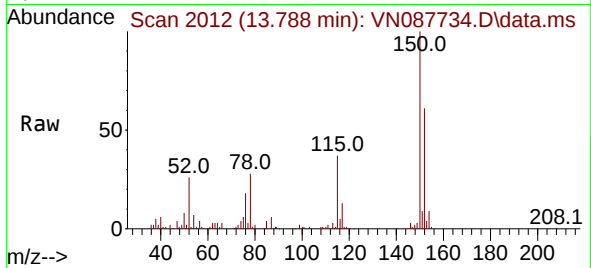
148 29.3 32.0 96.2#



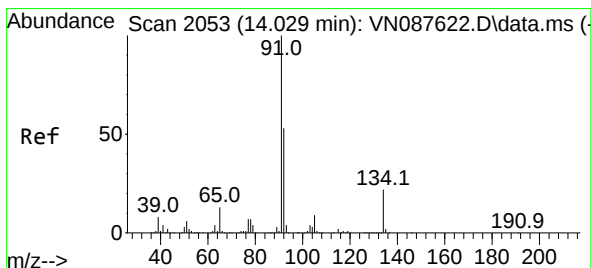
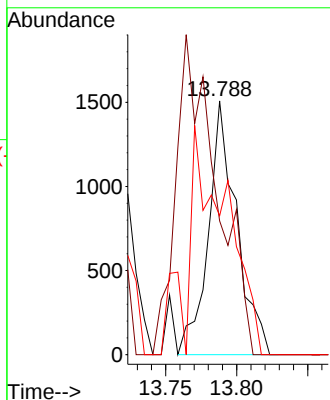
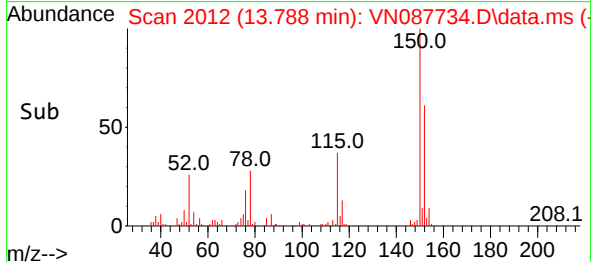


#88
 1,4-Dichlorobenzene
 Concen: 0.344 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN087734.D
 Acq: 05 Sep 2025 11:52

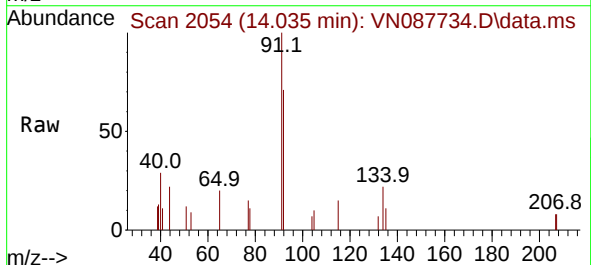
Instrument :
 MSVOA_N
 ClientSampleId :



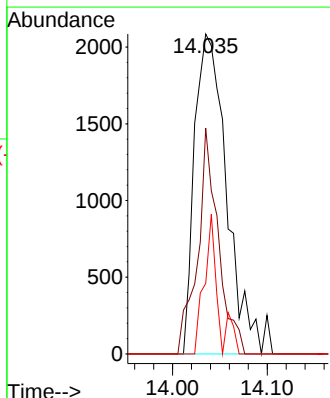
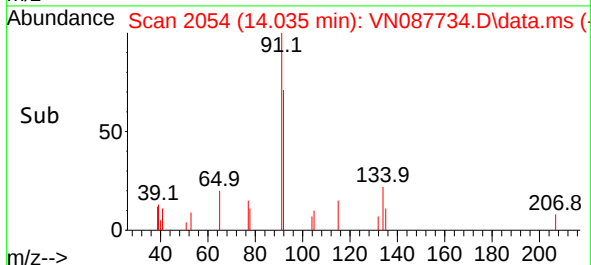
Tgt Ion:146 Resp: 2086
 Ion Ratio Lower Upper
 146 100
 111 0.0 21.0 63.0#
 148 0.0 32.0 96.0#

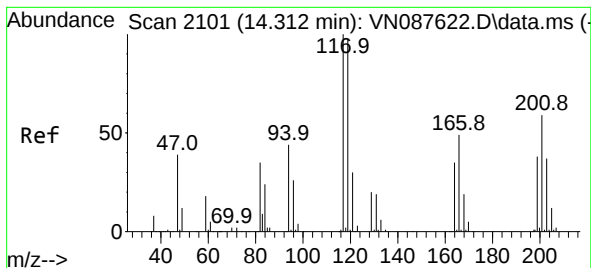


#89
 n-Butylbenzene
 Concen: 0.460 ug/l
 RT: 14.035 min Scan# 2054
 Delta R.T. 0.006 min
 Lab File: VN087734.D
 Acq: 05 Sep 2025 11:52



Tgt Ion: 91 Resp: 4964
 Ion Ratio Lower Upper
 91 100
 92 44.9 25.9 77.8
 134 15.3 11.7 35.0





#90

Hexachloroethane

Concen: 0.370 ug/l

RT: 14.311 min Scan# 2101

Delta R.T. -0.000 min

Lab File: VN087734.D

Acq: 05 Sep 2025 11:52

Instrument :

MSVOA_N

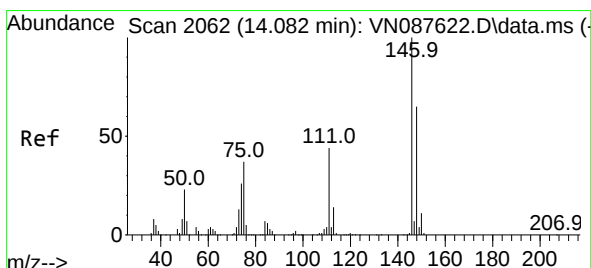
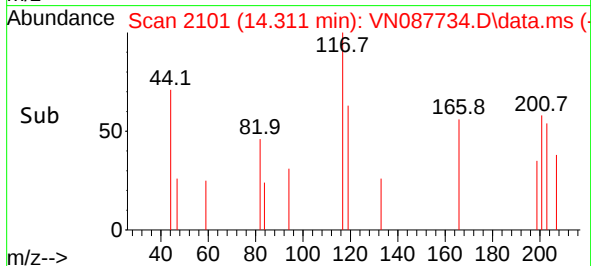
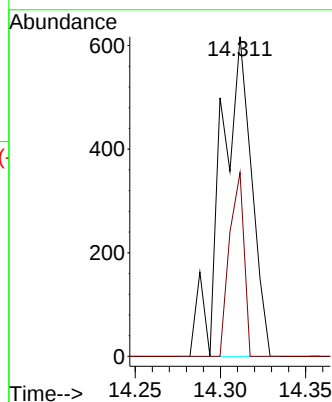
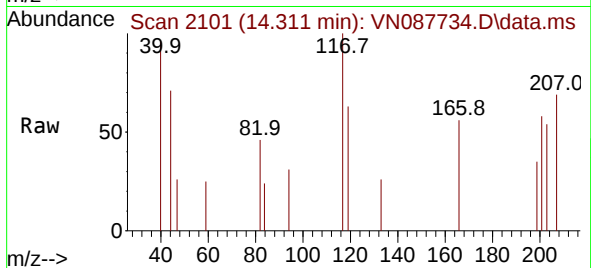
ClientSampleId :

Tgt Ion:117 Resp: 766

Ion Ratio Lower Upper

117 100

201 27.4 29.1 87.4#



#91

1,2-Dichlorobenzene

Concen: 0.243 ug/l

RT: 14.088 min Scan# 2063

Delta R.T. 0.006 min

Lab File: VN087734.D

Acq: 05 Sep 2025 11:52

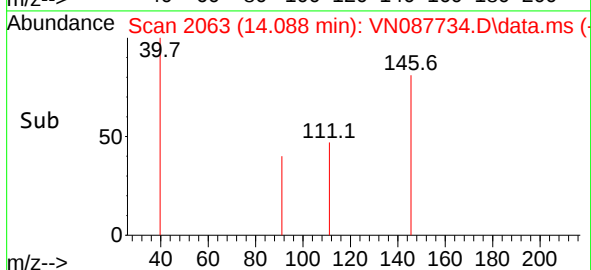
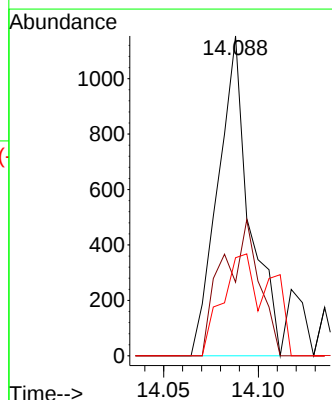
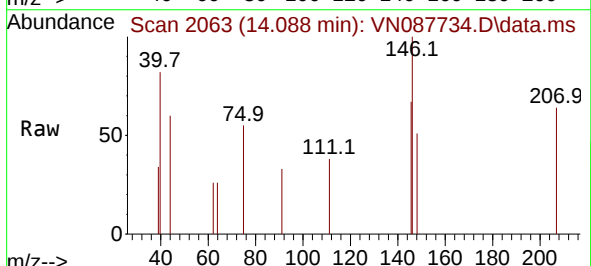
Tgt Ion:146 Resp: 1341

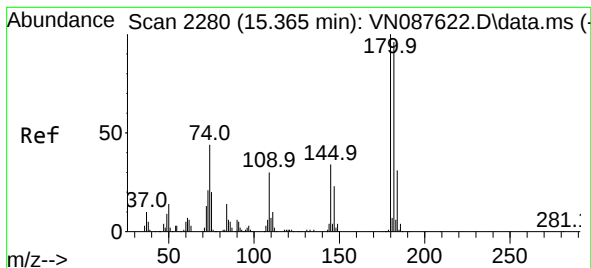
Ion Ratio Lower Upper

146 100

111 48.6 22.6 67.8

148 47.9 31.9 95.9





#93

1,2,4-Trichlorobenzene

Concen: 0.609 ug/l

RT: 15.376 min Scan# 21

Delta R.T. 0.012 min

Lab File: VN087734.D

Acq: 05 Sep 2025 11:52

Instrument :

MSVOA_N

ClientSampleId :

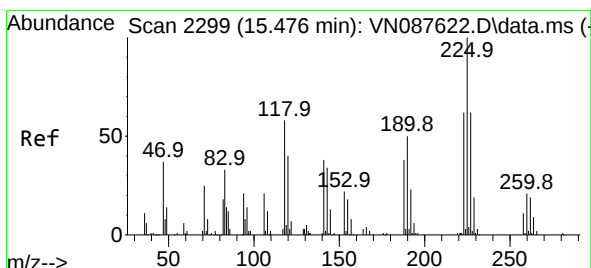
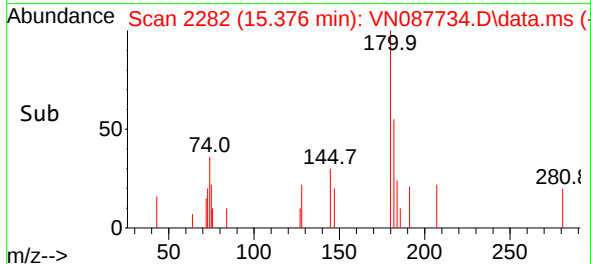
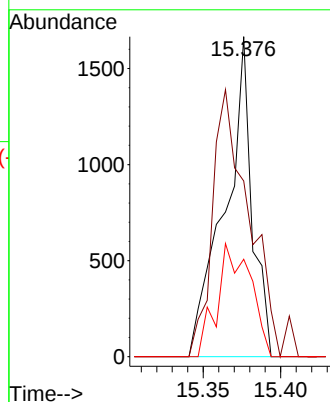
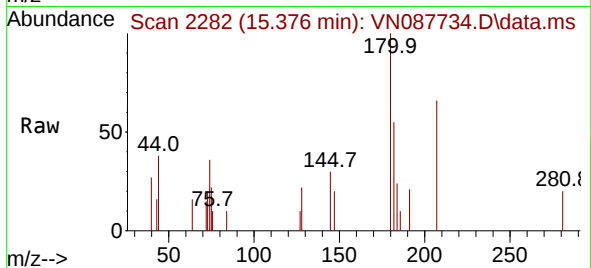
Tgt Ion:180 Resp: 2022

Ion Ratio Lower Upper

180 100

182 114.6 47.6 142.9

145 43.5 16.5 49.5



#94

Hexachlorobutadiene

Concen: 1.254 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. -0.000 min

Lab File: VN087734.D

Acq: 05 Sep 2025 11:52

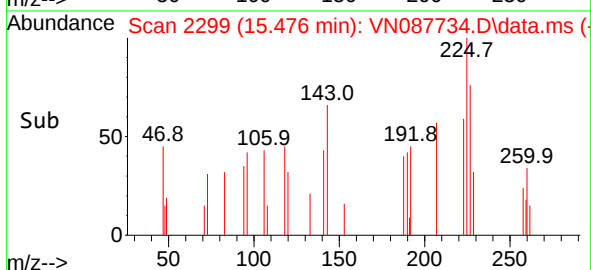
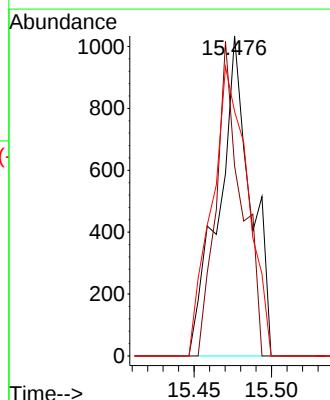
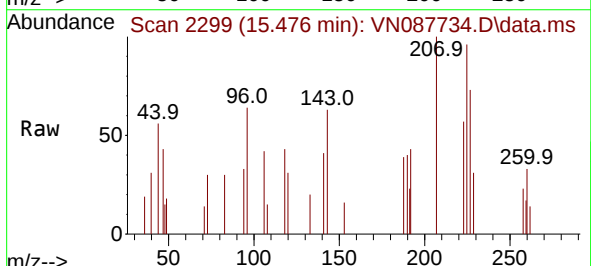
Tgt Ion:225 Resp: 1484

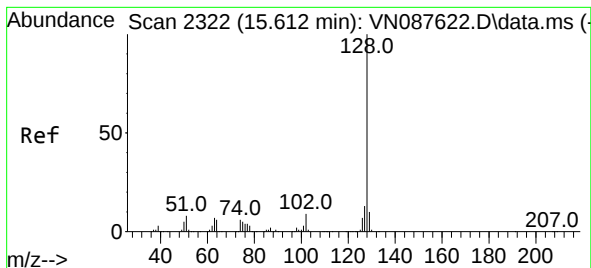
Ion Ratio Lower Upper

225 100

223 77.7 32.0 96.2

227 102.0 32.1 96.5#





#95

Naphthalene

Concen: 0.493 ug/l

RT: 15.629 min Scan# 21

Delta R.T. 0.018 min

Lab File: VN087734.D

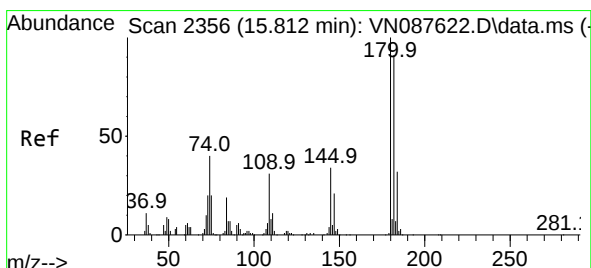
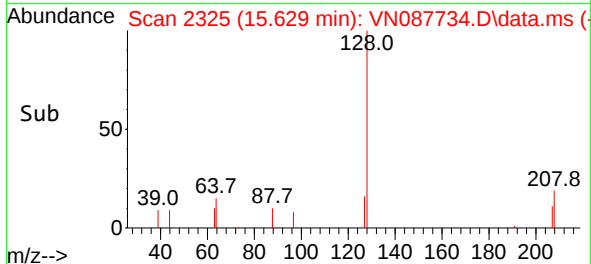
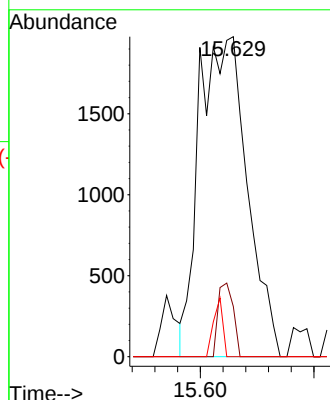
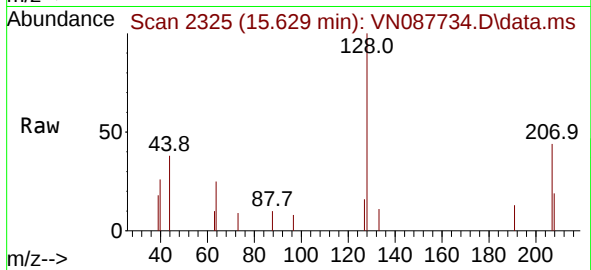
Acq: 05 Sep 2025 11:52

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128	Resp:	5796
Ion Ratio	Lower	Upper
128	100	
127	7.3	10.6 15.8#
129	3.5	8.6 12.8#



#96

1,2,3-Trichlorobenzene

Concen: 0.703 ug/l

RT: 15.823 min Scan# 2358

Delta R.T. 0.012 min

Lab File: VN087734.D

Acq: 05 Sep 2025 11:52

Tgt Ion:180	Resp:	2282
Ion Ratio	Lower	Upper
180	100	
182	80.6	46.8 140.3
145	19.5	17.3 52.0

