

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
 Data File : VN087507.D
 Acq On : 12 Aug 2025 12:37
 Operator : JC\MD
 Sample : PB169201TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB169201TB

Quant Time: Aug 13 03:02:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	276918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	597341	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	564783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	256677	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	286552	60.985	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 121.980%	
35) Dibromofluoromethane	8.153	113	203698	49.436	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.880%	
50) Toluene-d8	10.547	98	770879	52.447	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.900%	
62) 4-Bromofluorobenzene	12.829	95	279913	51.547	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.100%	

Target Compounds				Qvalue		
5) Bromomethane	3.001	94	1448	0.761	ug/l #	51
8) Diethyl Ether	3.977	74	1196	0.567	ug/l #	35
10) Methyl Iodide	4.600	142	1101	5.972	ug/l #	86
11) Tert butyl alcohol	5.524	59	2826	3.168	ug/l #	77
13) Acrolein	4.159	56	289	0.404	ug/l #	15
15) Acrylonitrile	5.718	53	706	0.292	ug/l #	66
16) Acetone	4.430	43	102634	46.586	ug/l	100
17) Carbon Disulfide	4.700	76	5793	0.618	ug/l	97
18) Methyl Acetate	5.018	43	55221	9.977	ug/l #	77
20) Methylene Chloride	5.265	84	22904	5.581	ug/l	90
25) 2-Butanone	7.477	43	19020	5.588	ug/l #	81
29) Tetrahydrofuran	7.830	42	3389	1.533	ug/l #	82
31) Cyclohexane	8.212	56	9834	1.702	ug/l #	39
36) 1,1-Dichloropropene	8.206	75	28646	5.262	ug/l #	48
37) Ethyl Acetate	7.553	43	37175	4.728	ug/l	97
38) Carbon Tetrachloride	8.212	117	33527	5.591	ug/l #	14
43) Isopropyl Acetate	8.677	43	27464	2.250	ug/l #	87
48) Methyl methacrylate	9.724	41	215977	39.308	ug/l #	47
49) 1,4-Dioxane	9.694	88	361	4.290	ug/l #	11
51) 4-Methyl-2-Pentanone	10.429	43	10623	1.376	ug/l #	83
54) cis-1,3-Dichloropropene	10.341	75	113079	16.044	ug/l #	66
56) Ethyl methacrylate	10.865	69	127	0.653	ug/l #	24
58) 2-Chloroethyl Vinyl ether	10.153	63	1046	0.295	ug/l #	66
59) 2-Hexanone	11.188	43	136478	26.648	ug/l #	48
68) m/p-Xylenes	12.047	106	1688	0.216	ug/l	95
74) N-amyl acetate	12.465	43	2630	0.392	ug/l #	55
76) 1,2,3-Trichloropropane	12.829	75	164387	28.560	ug/l #	1
78) n-propylbenzene	13.023	91	4394	0.216	ug/l	83
81) trans-1,4-Dichloro-2-b...	12.829	75	164387	78.146	ug/l #	8
82) 4-Chlorotoluene	13.206	91	3459	0.266	ug/l	81
85) sec-Butylbenzene	13.600	105	3520	0.203	ug/l	99
86) p-Isopropyltoluene	13.717	119	3455	0.249	ug/l	83
87) 1,3-Dichlorobenzene	13.706	146	1847	0.225	ug/l	94
88) 1,4-Dichlorobenzene	13.706	146	1847	0.210	ug/l	97
89) n-Butylbenzene	14.035	91	4667	0.352	ug/l	92
93) 1,2,4-Trichlorobenzene	15.364	180	1902	0.416	ug/l	72

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Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

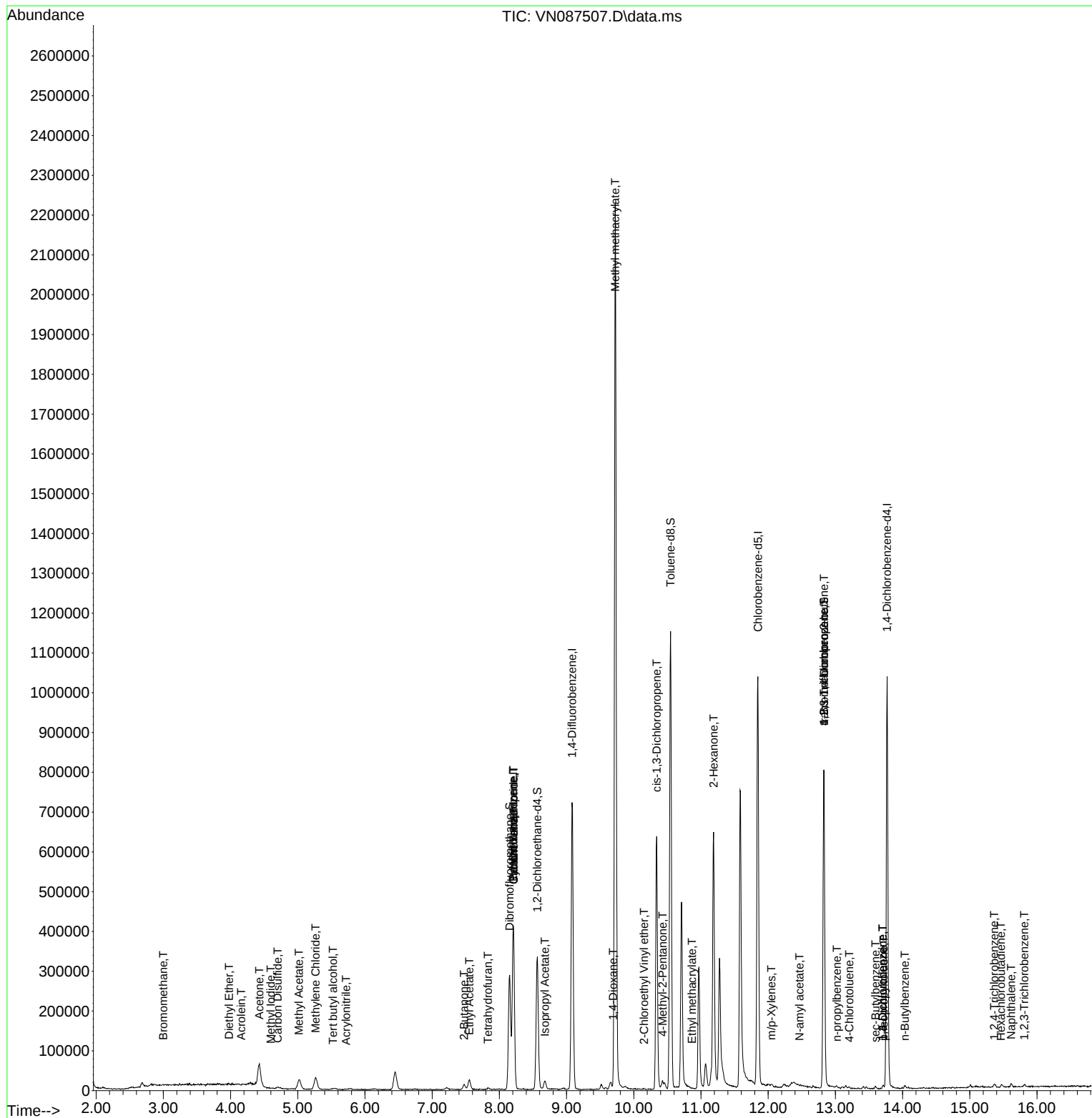
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.464	225	1177	0.692	ug/l	82
95) Naphthalene	15.617	128	6529	0.403	ug/l	97
96) 1,2,3-Trichlorobenzene	15.811	180	1204	0.262	ug/l #	40

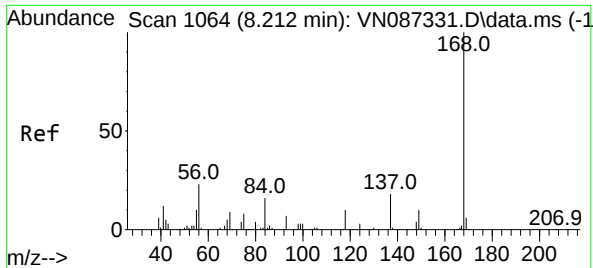
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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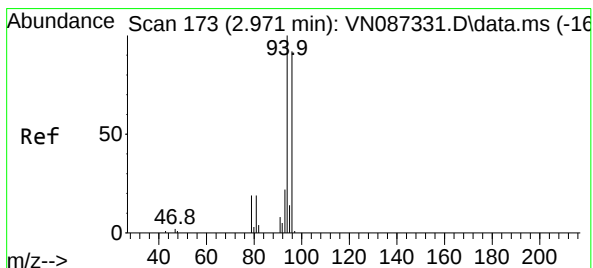
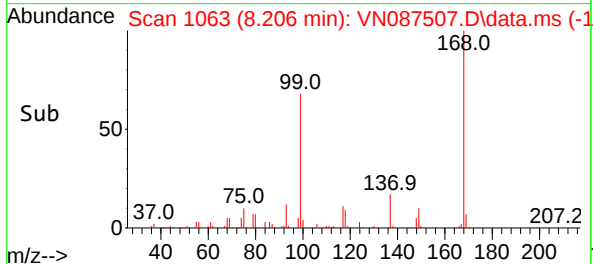
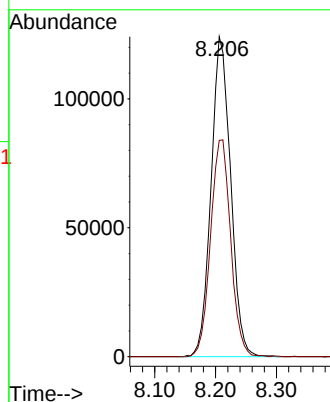
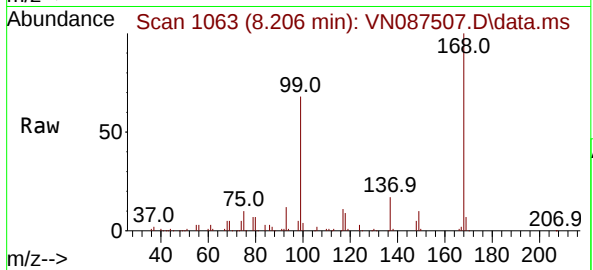




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087507.D
Acq: 12 Aug 2025 12:37

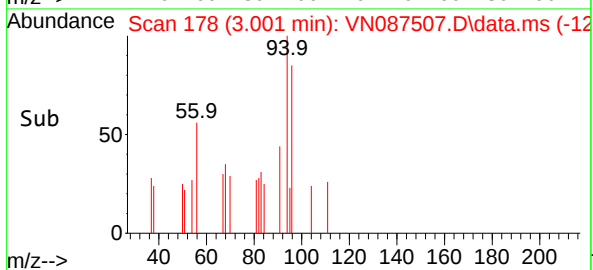
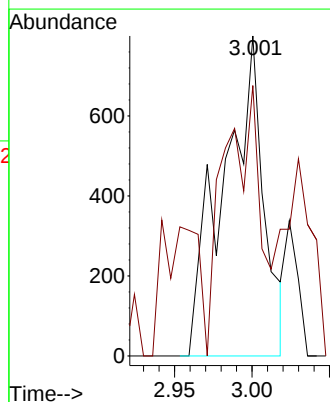
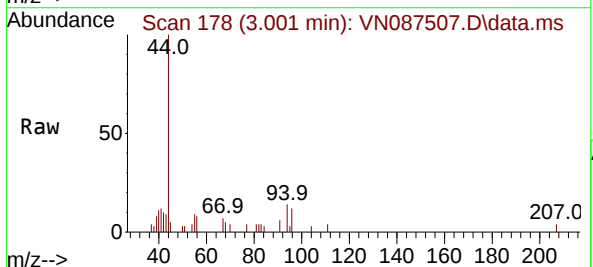
Instrument :
MSVOA_N
ClientSampleId :
PB169201TB

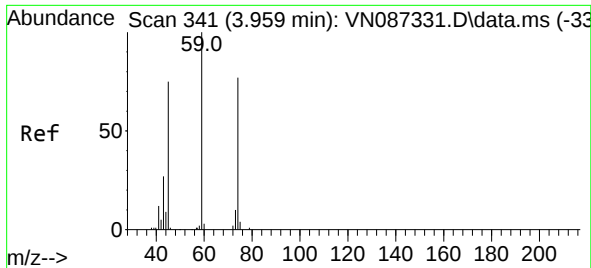
Tgt Ion:168 Resp: 276918
Ion Ratio Lower Upper
168 100
99 67.6 47.9 71.9



#5
Bromomethane
Concen: 0.761 ug/l
RT: 3.001 min Scan# 178
Delta R.T. 0.030 min
Lab File: VN087507.D
Acq: 12 Aug 2025 12:37

Tgt Ion: 94 Resp: 1448
Ion Ratio Lower Upper
94 100
96 44.9 73.4 110.2#

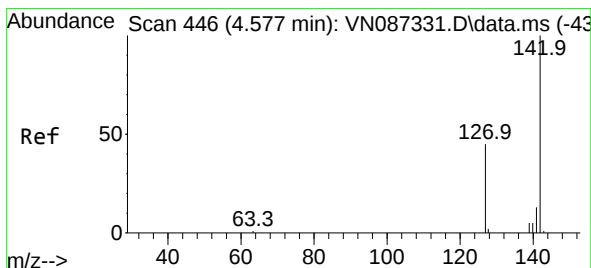
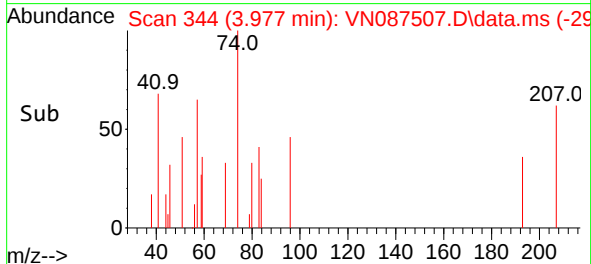
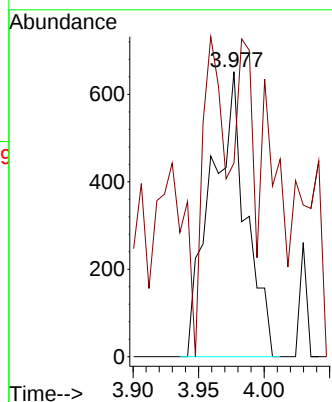
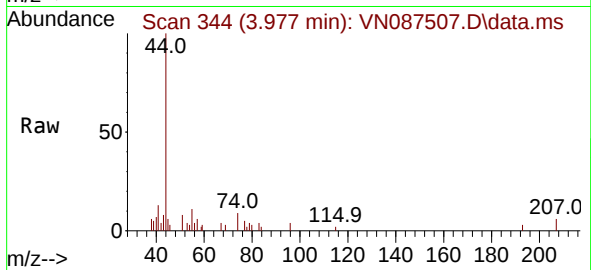




#8
Diethyl Ether
Concen: 0.567 ug/l
RT: 3.977 min Scan# 341
Delta R.T. 0.018 min
Lab File: VN087507.D
Acq: 12 Aug 2025 12:37

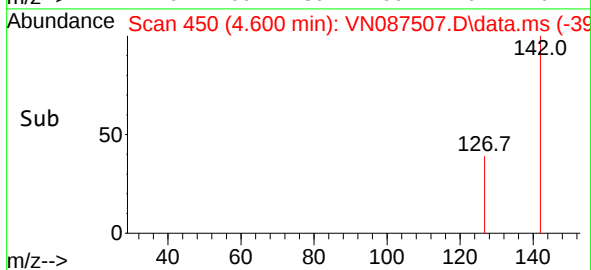
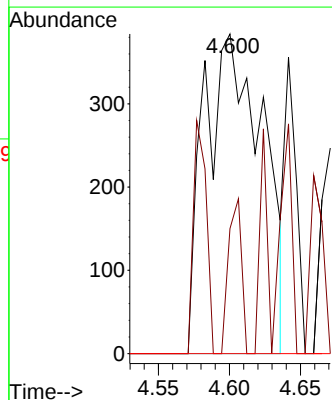
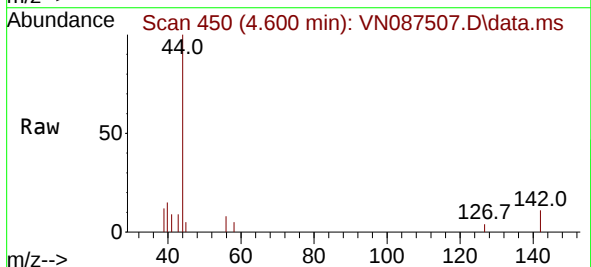
Instrument :
MSVOA_N
ClientSampleId :
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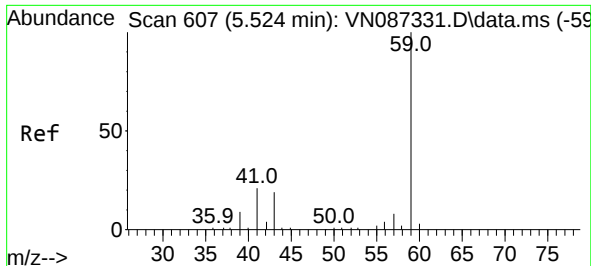
Tgt Ion: 74 Resp: 1196
Ion Ratio Lower Upper
74 100
45 36.3 50.8 152.5#



#10
Methyl Iodide
Concen: 5.972 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.023 min
Lab File: VN087507.D
Acq: 12 Aug 2025 12:37

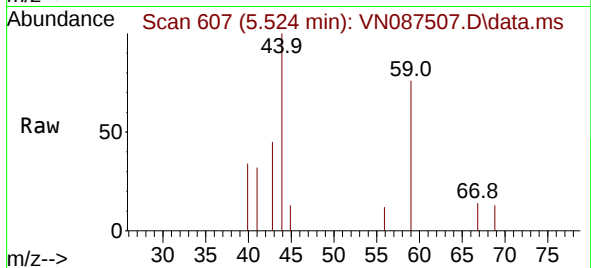
Tgt Ion: 142 Resp: 1101
Ion Ratio Lower Upper
142 100
127 39.1 35.7 53.5
141 0.0 10.4 15.6#



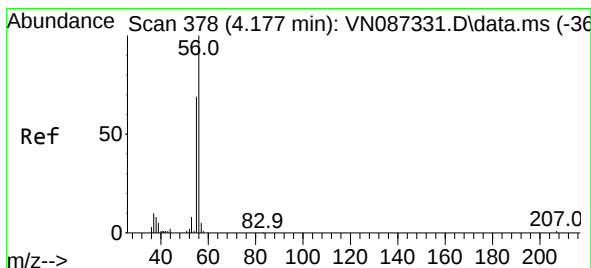
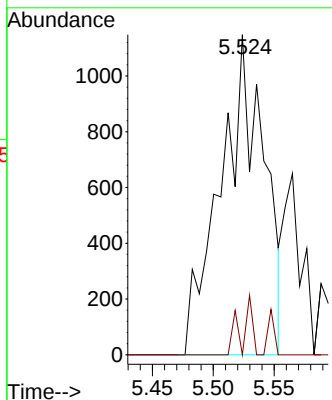
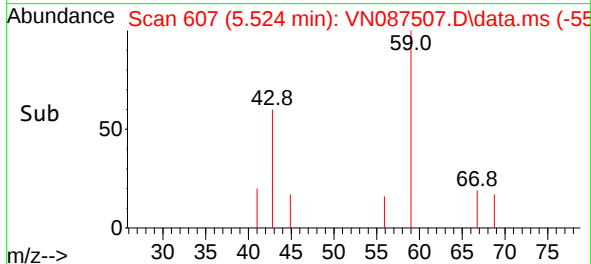


#11
Tert butyl alcohol
Concen: 3.168 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN087507.D
Acq: 12 Aug 2025 12:37

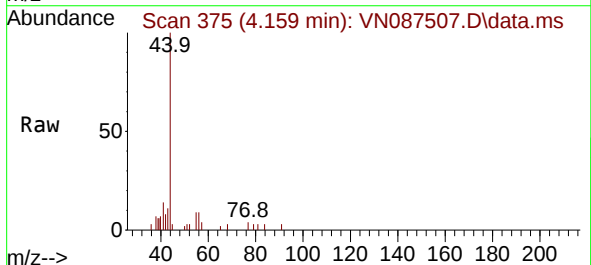
Instrument :
MSVOA_N
ClientSampleId :
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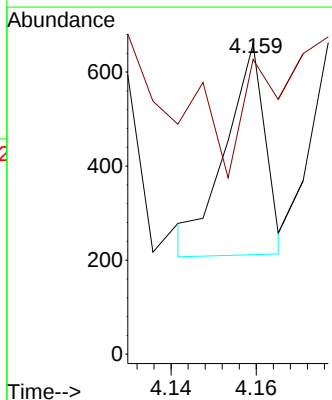
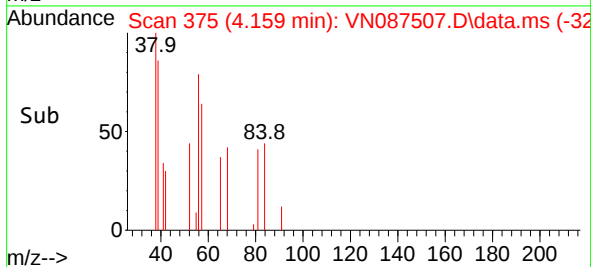
Tgt Ion: 59 Resp: 2826
Ion Ratio Lower Upper
59 100
57 2.0 8.3 12.5#

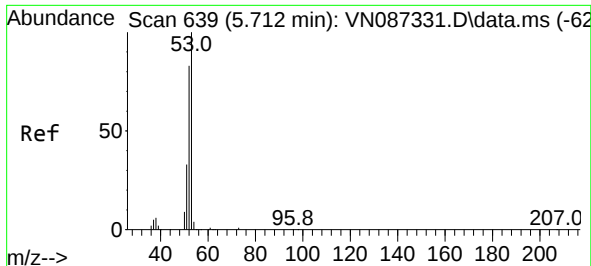


#13
Acrolein
Concen: 0.404 ug/l
RT: 4.159 min Scan# 375
Delta R.T. -0.018 min
Lab File: VN087507.D
Acq: 12 Aug 2025 12:37



Tgt Ion: 56 Resp: 289
Ion Ratio Lower Upper
56 100
55 0.0 56.2 84.4#

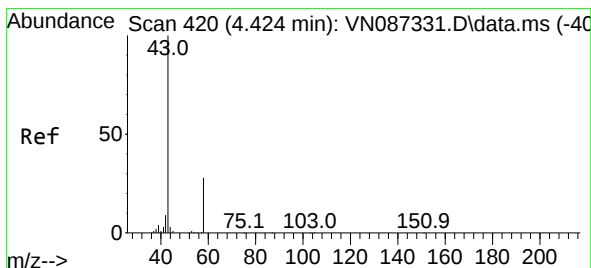
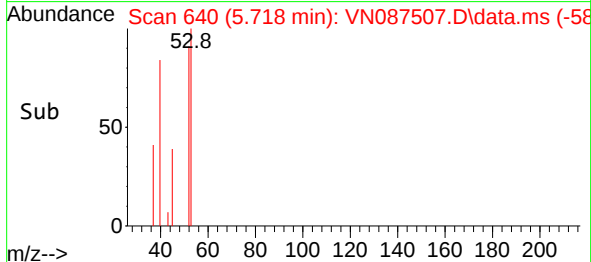
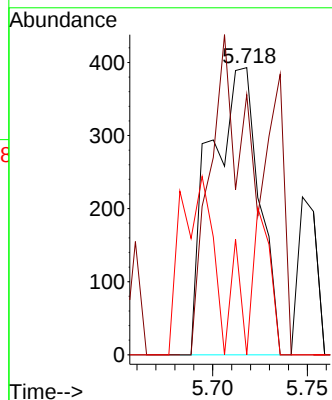
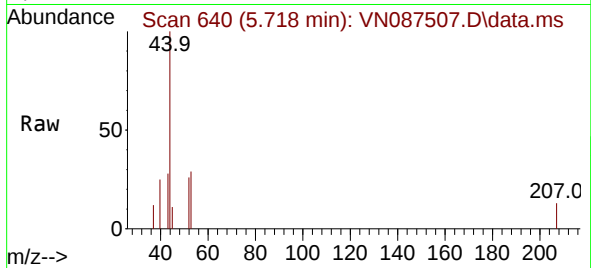




#15
Acrylonitrile
Concen: 0.292 ug/l
RT: 5.718 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN087507.D
Acq: 12 Aug 2025 12:37

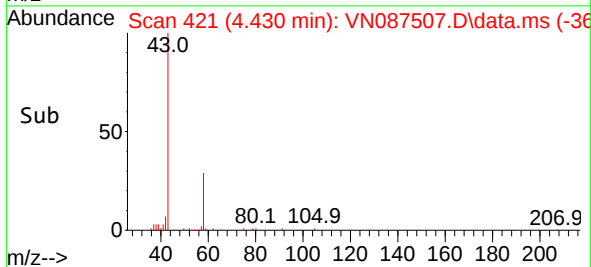
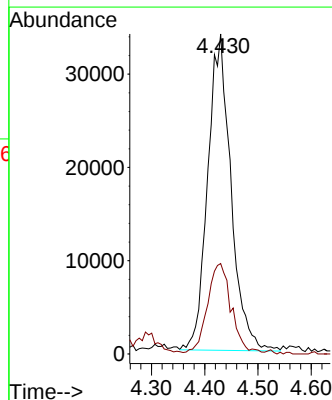
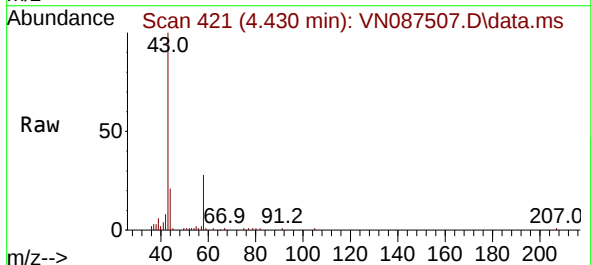
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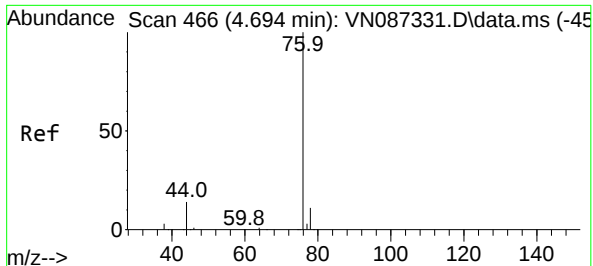
Tgt Ion: 53 Resp: 706
Ion Ratio Lower Upper
53 100
52 118.3 65.5 98.3#
51 25.5 28.7 43.1#



#16
Acetone
Concen: 46.586 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN087507.D
Acq: 12 Aug 2025 12:37

Tgt Ion: 43 Resp: 102634
Ion Ratio Lower Upper
43 100
58 28.0 22.3 33.5

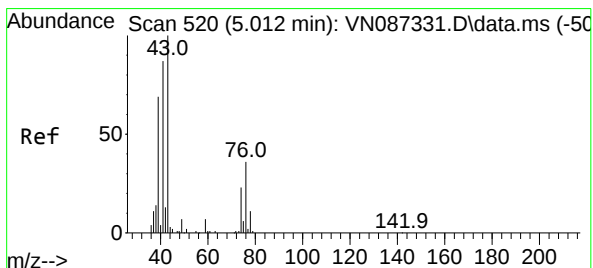
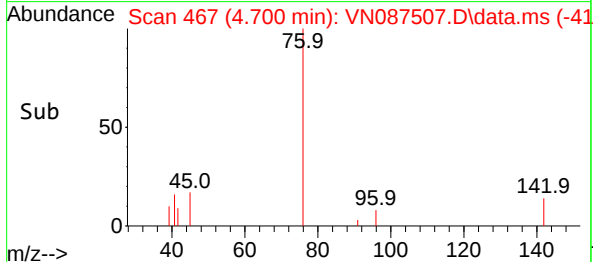
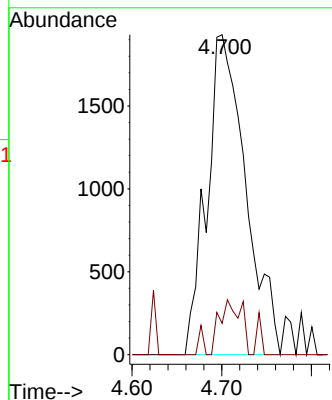
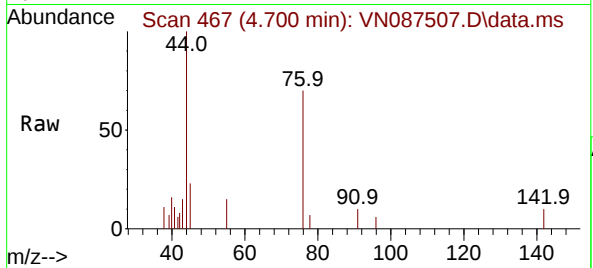




#17
Carbon Disulfide
Concen: 0.618 ug/l
RT: 4.700 min Scan# 467
Delta R.T. 0.006 min
Lab File: VN087507.D
Acq: 12 Aug 2025 12:37

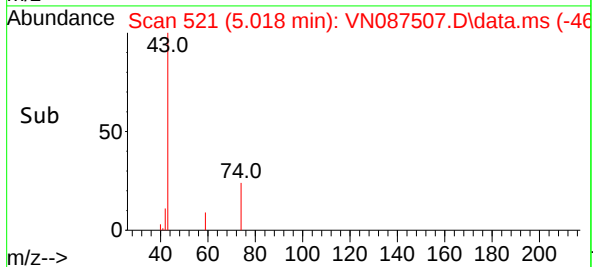
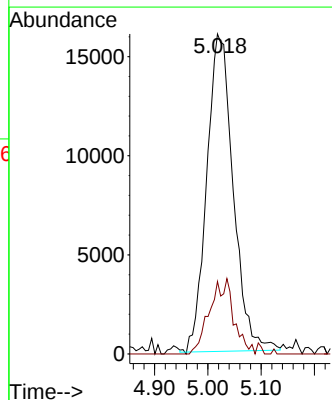
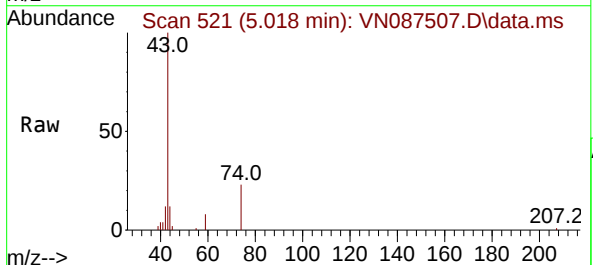
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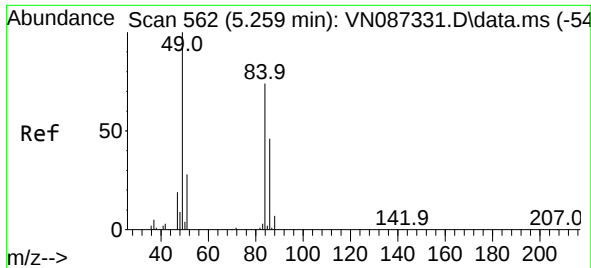
Tgt Ion: 76 Resp: 5793
Ion Ratio Lower Upper
76 100
78 9.8 8.6 13.0



#18
Methyl Acetate
Concen: 9.977 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087507.D
Acq: 12 Aug 2025 12:37

Tgt Ion: 43 Resp: 55221
Ion Ratio Lower Upper
43 100
74 11.3 17.8 26.6#

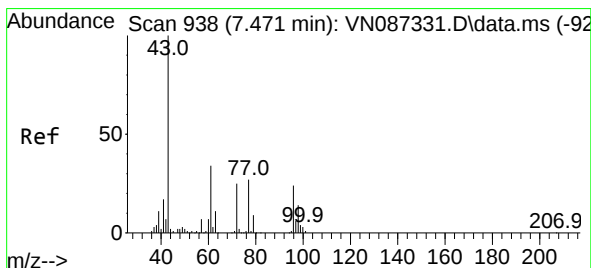
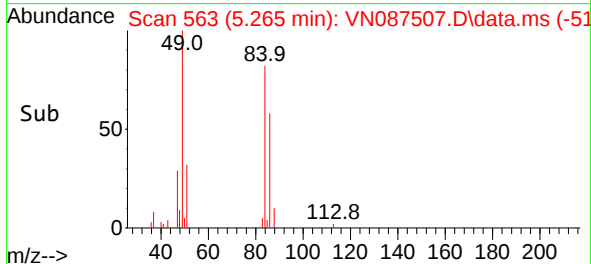
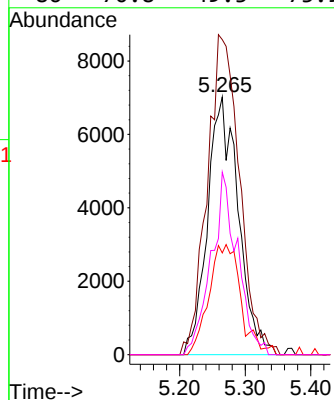
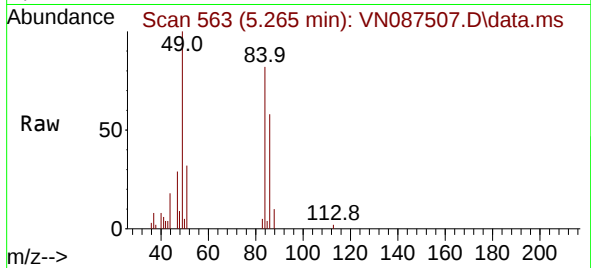




#20
Methylene Chloride
Concen: 5.581 ug/l
RT: 5.265 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN087507.D
Acq: 12 Aug 2025 12:37

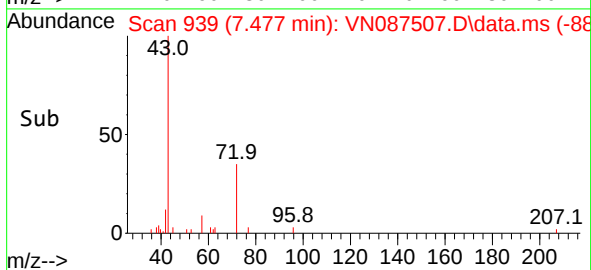
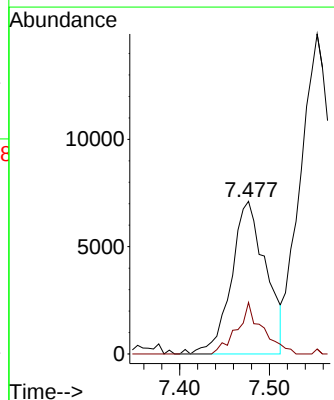
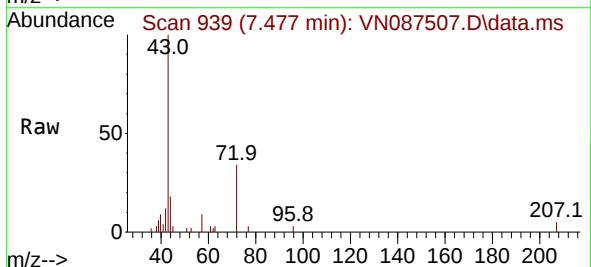
Instrument :
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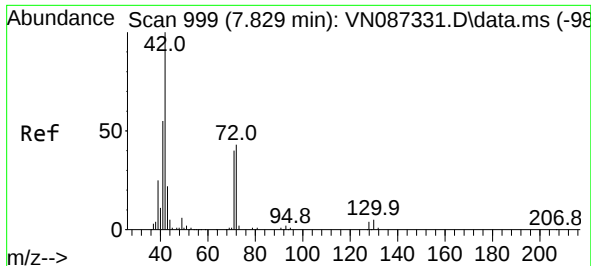
Tgt Ion:	84	Resp:	22904
Ion	Ratio	Lower	Upper
84	100		
49	122.2	107.5	161.3
51	39.4	30.2	45.2
86	70.8	49.3	73.9



#25
2-Butanone
Concen: 5.588 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087507.D
Acq: 12 Aug 2025 12:37

Tgt Ion:	43	Resp:	19020
Ion	Ratio	Lower	Upper
43	100		
72	33.8	19.6	29.4#





#29

Tetrahydrofuran

Concen: 1.533 ug/l

RT: 7.830 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN087507.D

Acq: 12 Aug 2025 12:37

Instrument :

MSVOA_N

ClientSampleId :

PB169201TB

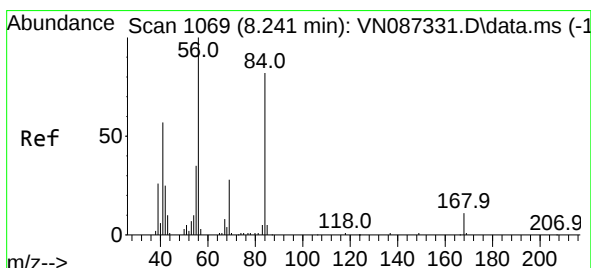
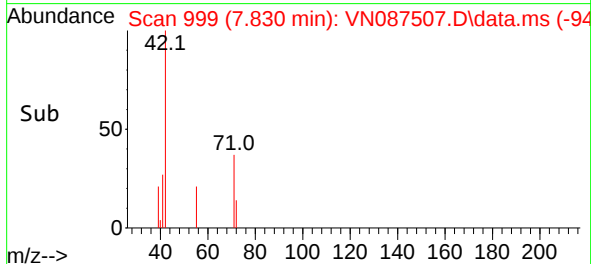
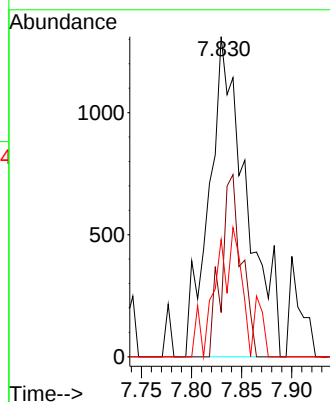
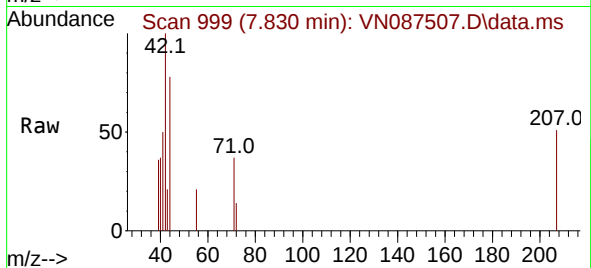
Tgt Ion: 42 Resp: 3389

Ion Ratio Lower Upper

42 100

72 30.6 33.4 50.0#

71 27.4 31.2 46.8#



#31

Cyclohexane

Concen: 1.702 ug/l

RT: 8.212 min Scan# 1064

Delta R.T. -0.029 min

Lab File: VN087507.D

Acq: 12 Aug 2025 12:37

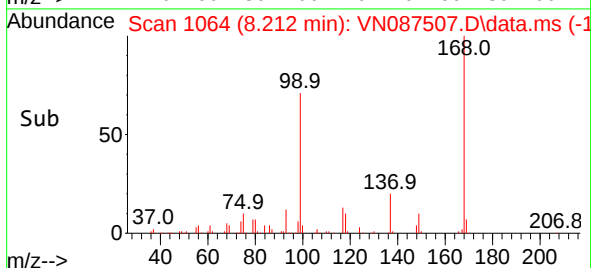
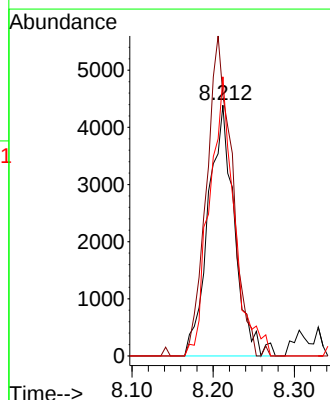
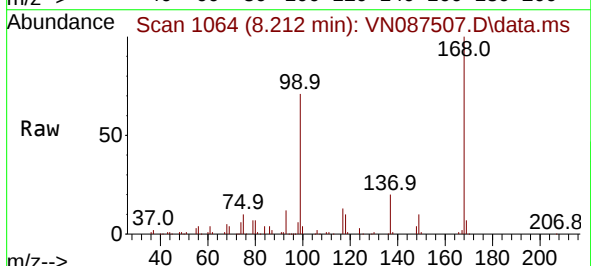
Tgt Ion: 56 Resp: 9834

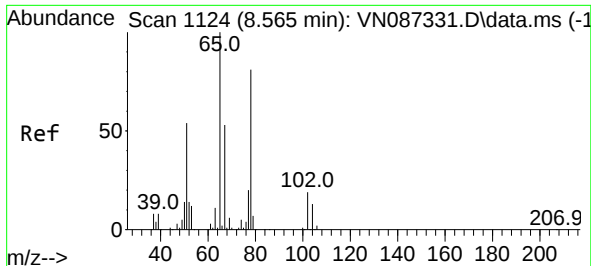
Ion Ratio Lower Upper

56 100

69 103.7 22.7 34.1#

84 111.3 65.8 98.6#





#33

1,2-Dichloroethane-d4

Concen: 60.985 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN087507.D

Acq: 12 Aug 2025 12:37

Instrument :

MSVOA_N

ClientSampleId :

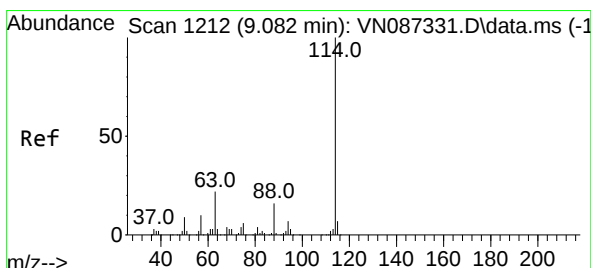
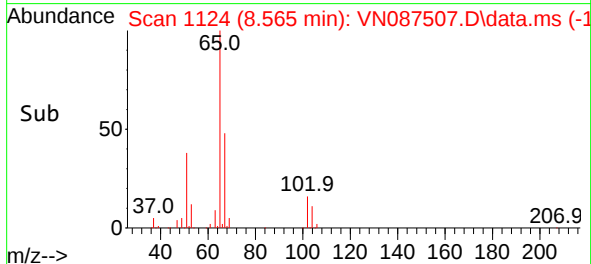
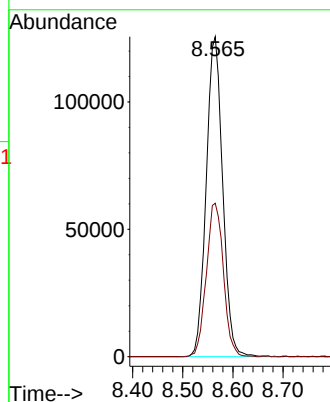
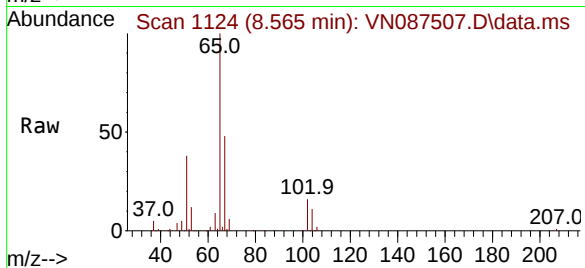
PB169201TB

Tgt Ion: 65 Resp: 286552

Ion Ratio Lower Upper

65 100

67 49.8 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087507.D

Acq: 12 Aug 2025 12:37

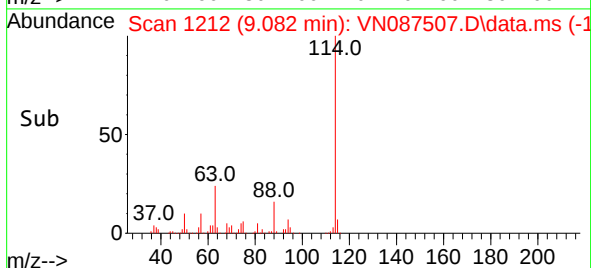
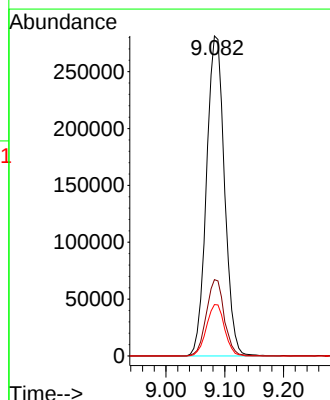
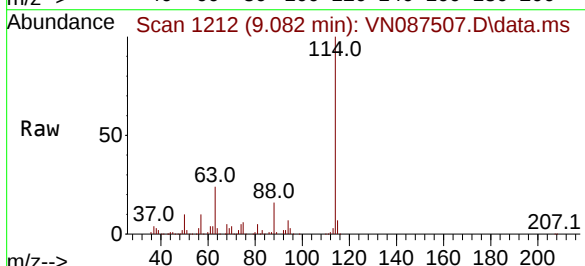
Tgt Ion: 114 Resp: 597341

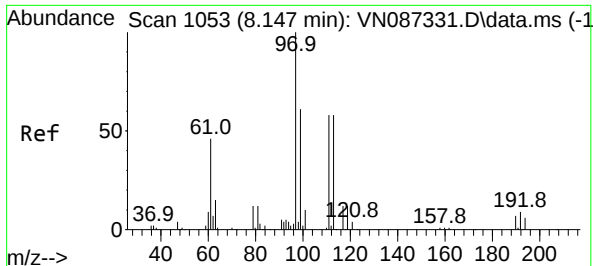
Ion Ratio Lower Upper

114 100

63 23.8 0.0 44.6

88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.436 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087507.D

Acq: 12 Aug 2025 12:37

Instrument :

MSVOA_N

ClientSampleId :

PB169201TB

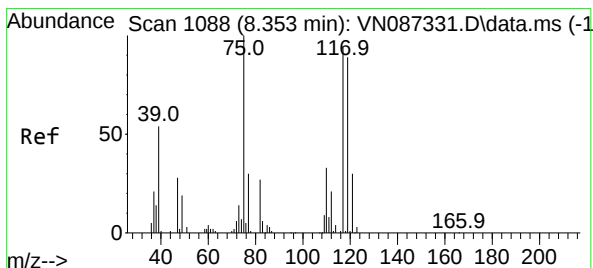
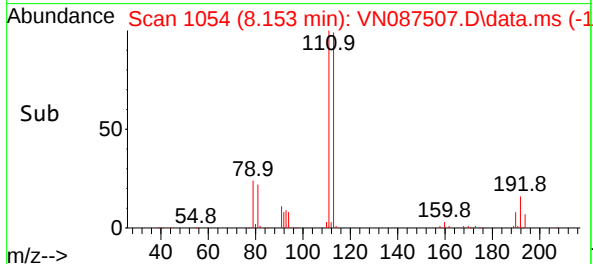
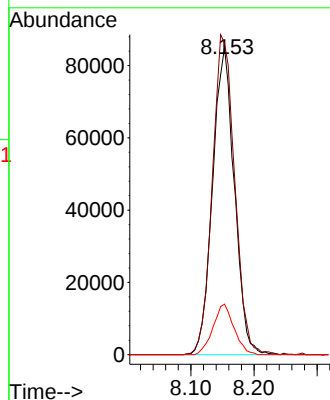
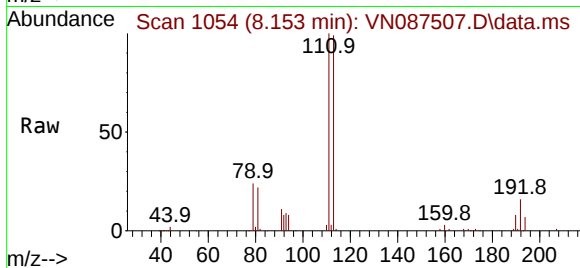
Tgt Ion:113 Resp: 203698

Ion Ratio Lower Upper

113 100

111 106.5 82.5 123.7

192 15.9 13.7 20.5



#36

1,1-Dichloropropene

Concen: 5.262 ug/l

RT: 8.206 min Scan# 1063

Delta R.T. -0.147 min

Lab File: VN087507.D

Acq: 12 Aug 2025 12:37

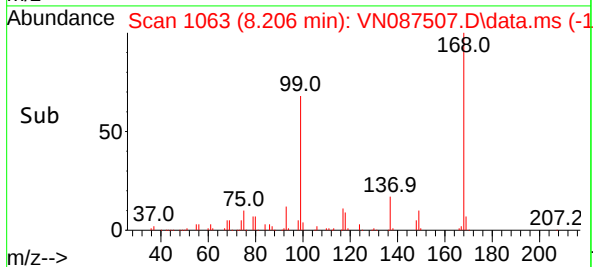
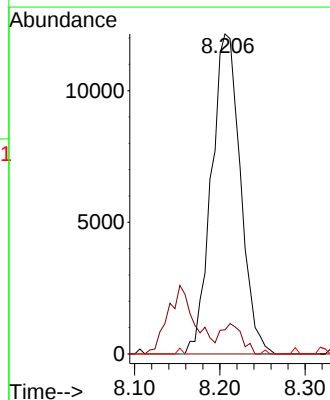
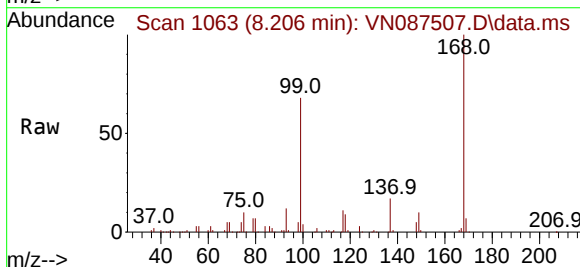
Tgt Ion: 75 Resp: 28646

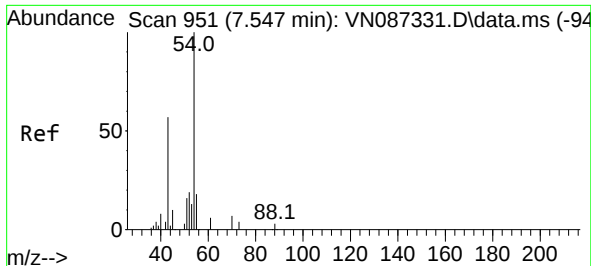
Ion Ratio Lower Upper

75 100

110 6.8 16.7 50.1#

77 0.0 25.2 37.8#

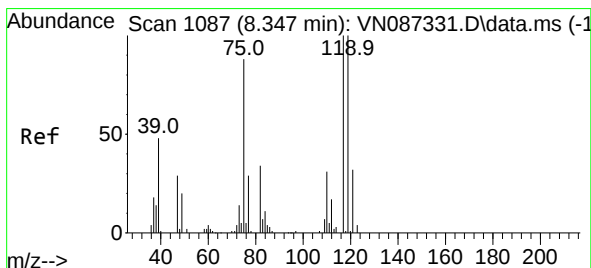
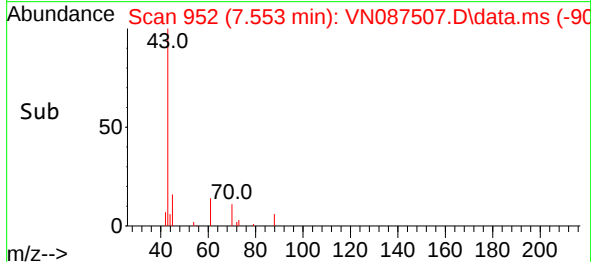
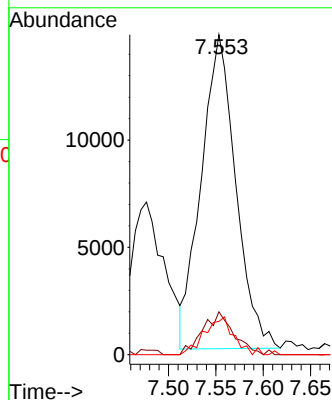
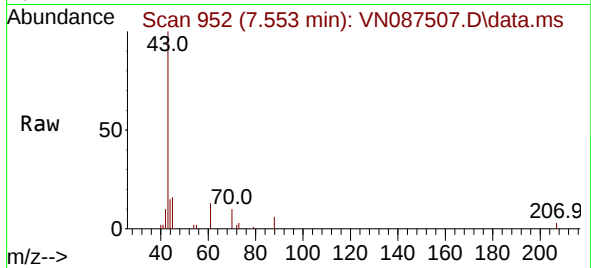




#37
Ethyl Acetate
Concen: 4.728 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087507.D
Acq: 12 Aug 2025 12:37

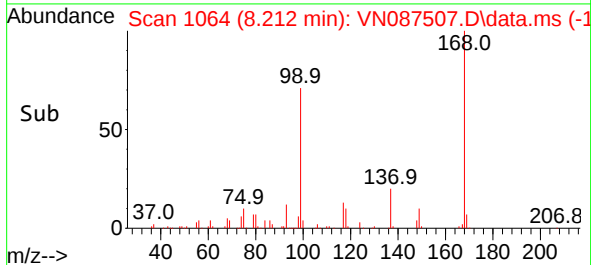
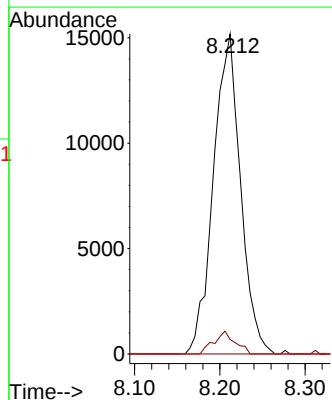
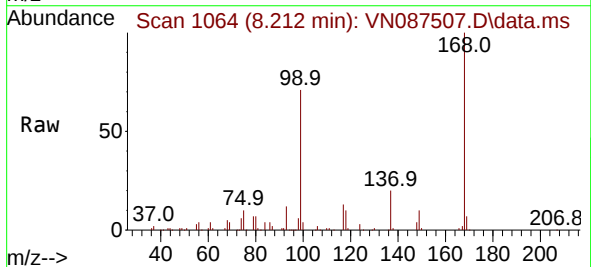
Instrument :
MSVOA_N
ClientSampleId :
PB169201TB

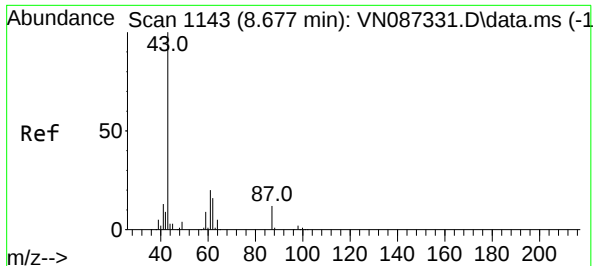
Tgt Ion: 43 Resp: 37175
Ion Ratio Lower Upper
43 100
61 12.1 10.9 16.3
70 10.2 7.4 11.0



#38
Carbon Tetrachloride
Concen: 5.591 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.135 min
Lab File: VN087507.D
Acq: 12 Aug 2025 12:37

Tgt Ion: 117 Resp: 33527
Ion Ratio Lower Upper
117 100
119 4.5 80.2 120.2#
121 0.0 25.4 38.2#

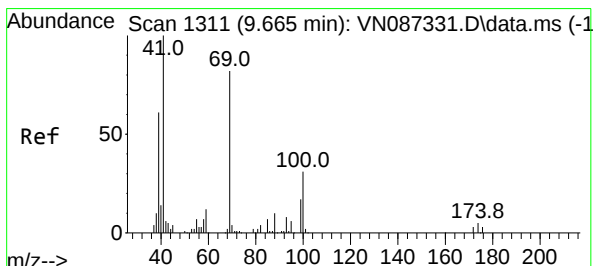
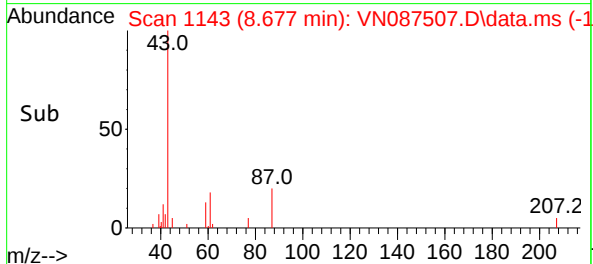
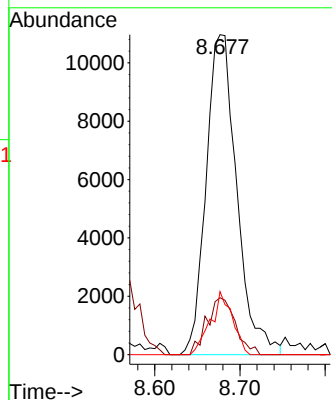
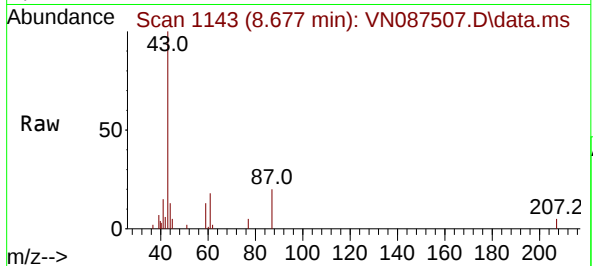




#43
Isopropyl Acetate
Concen: 2.250 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087507.D
Acq: 12 Aug 2025 12:37

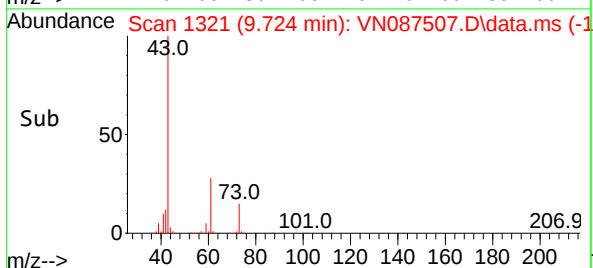
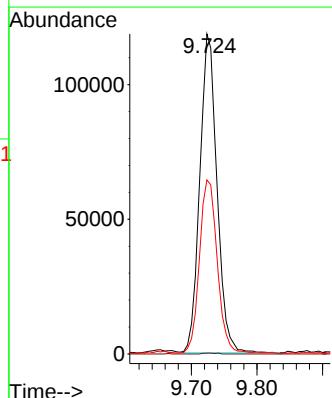
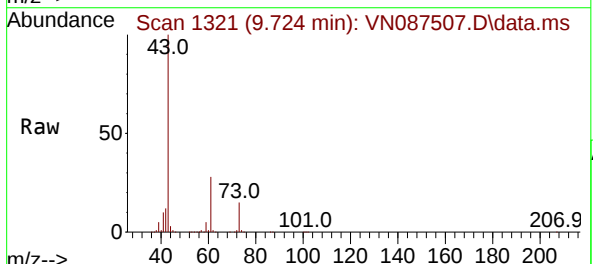
Instrument :
MSVOA_N
ClientSampleId :
PB169201TB

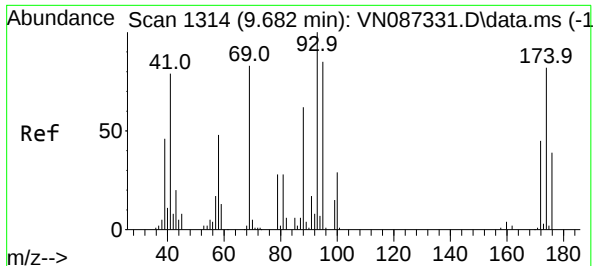
Tgt Ion:	43	Resp:	27464
Ion	Ratio	Lower	Upper
43	100		
61	16.5	19.8	29.8#
87	14.1	9.8	14.6



#48
Methyl methacrylate
Concen: 39.308 ug/l
RT: 9.724 min Scan# 1321
Delta R.T. 0.059 min
Lab File: VN087507.D
Acq: 12 Aug 2025 12:37

Tgt Ion:	41	Resp:	215977
Ion	Ratio	Lower	Upper
41	100		
69	0.2	64.1	96.1#
39	57.6	45.5	68.3





#49

1,4-Dioxane

Concen: 4.290 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.012 min

Lab File: VN087507.D

Acq: 12 Aug 2025 12:37

Instrument :

MSVOA_N

ClientSampleId :

PB169201TB

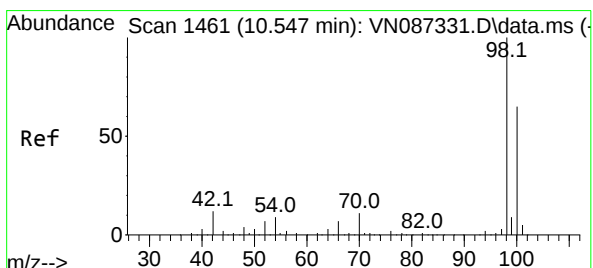
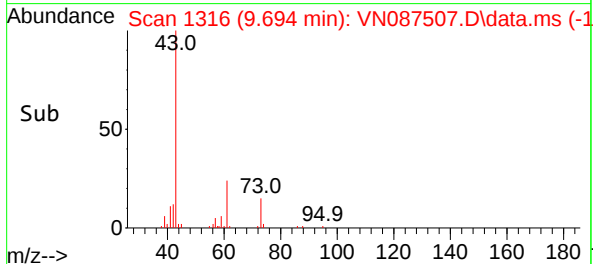
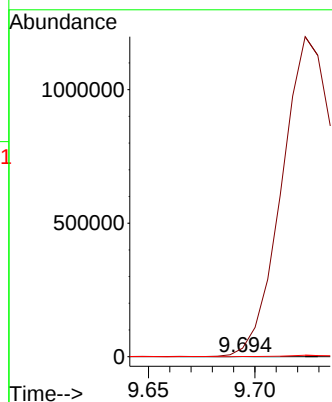
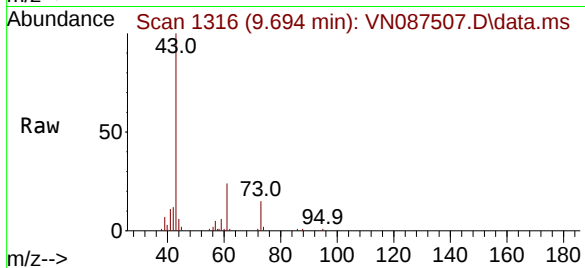
Tgt Ion: 88 Resp: 361

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 61.1 91.7#



#50

Toluene-d8

Concen: 52.447 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087507.D

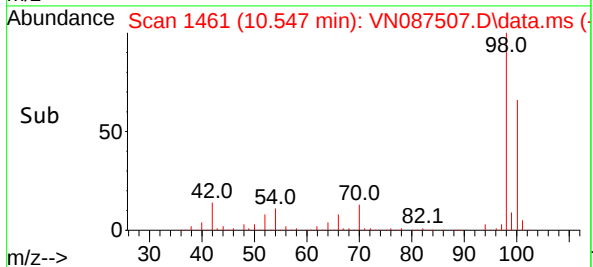
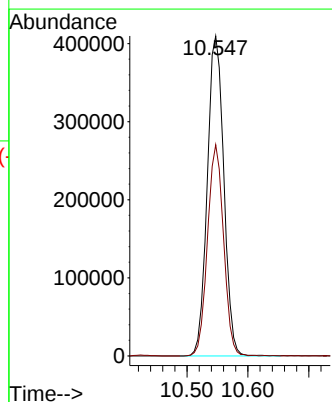
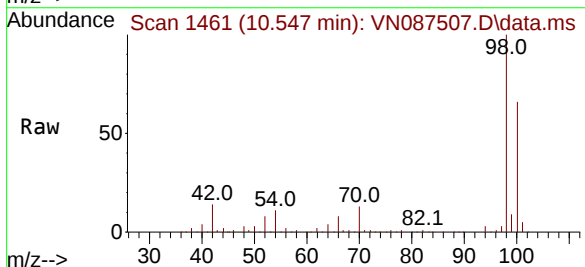
Acq: 12 Aug 2025 12:37

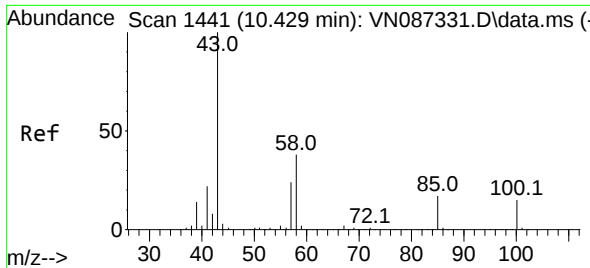
Tgt Ion: 98 Resp: 770879

Ion Ratio Lower Upper

98 100

100 64.2 52.1 78.1

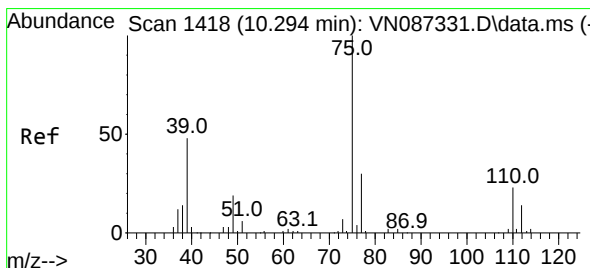
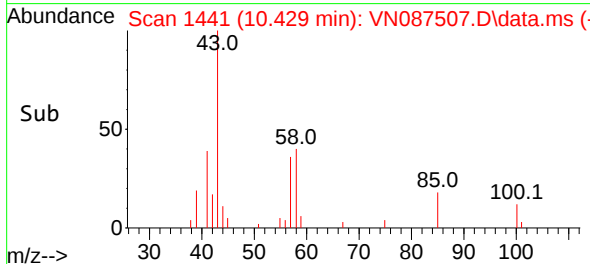
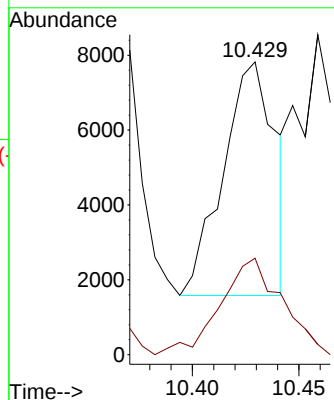
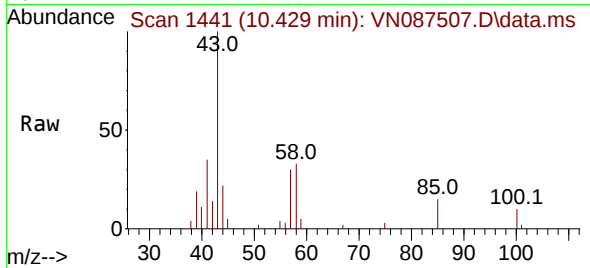




#51
4-Methyl-2-Pentanone
Concen: 1.376 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN087507.D
Acq: 12 Aug 2025 12:37

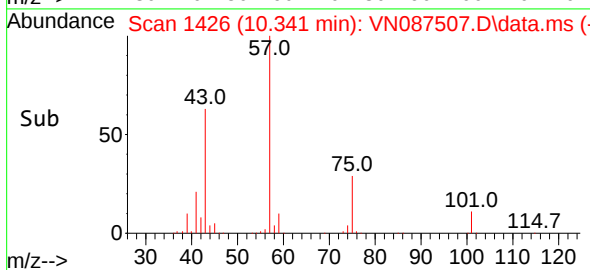
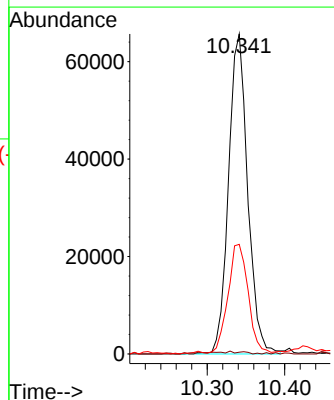
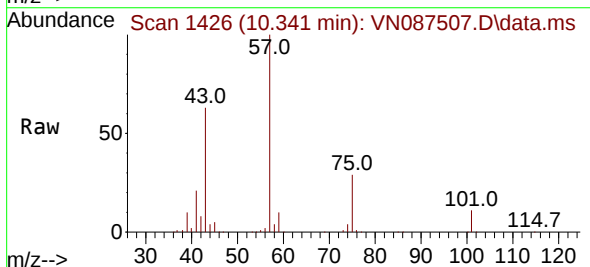
Instrument :
MSVOA_N
ClientSampleId :
PB169201TB

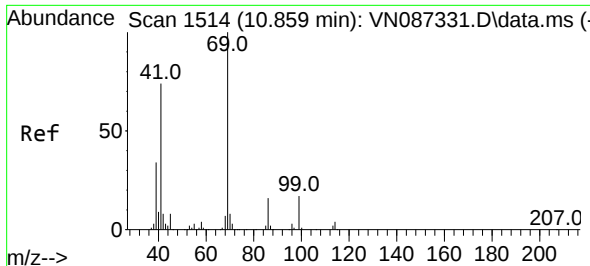
Tgt Ion: 43 Resp: 10623
Ion Ratio Lower Upper
43 100
58 48.7 30.8 46.2#



#54
cis-1,3-Dichloropropene
Concen: 16.044 ug/l
RT: 10.341 min Scan# 1426
Delta R.T. 0.047 min
Lab File: VN087507.D
Acq: 12 Aug 2025 12:37

Tgt Ion: 75 Resp: 113079
Ion Ratio Lower Upper
75 100
77 0.6 24.2 36.2#
39 34.3 38.4 57.6#

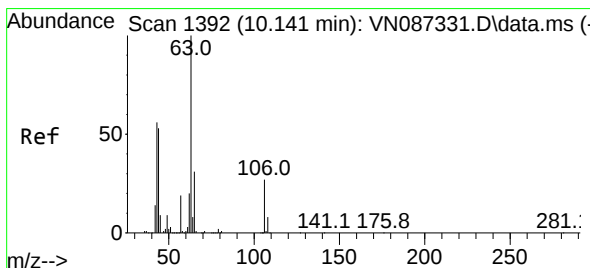
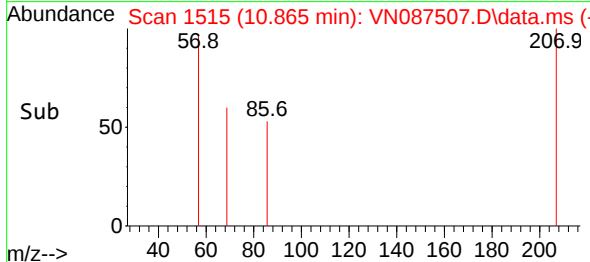
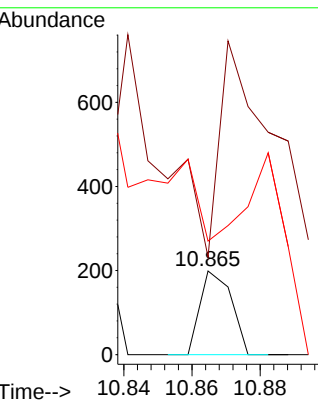
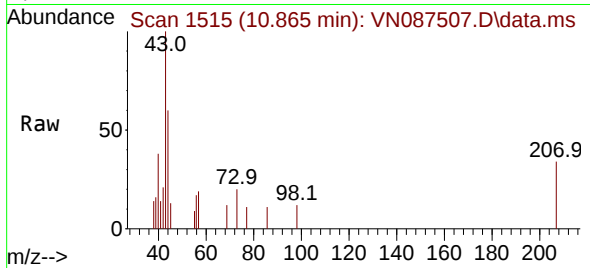




#56
Ethyl methacrylate
Concen: 0.653 ug/l
RT: 10.865 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087507.D
Acq: 12 Aug 2025 12:37

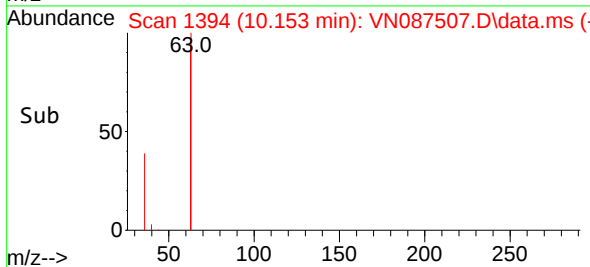
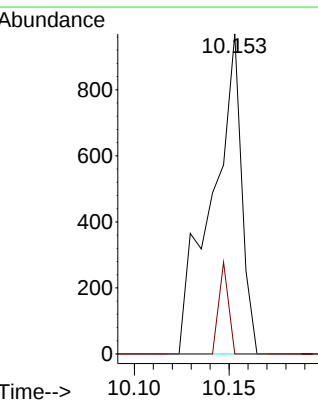
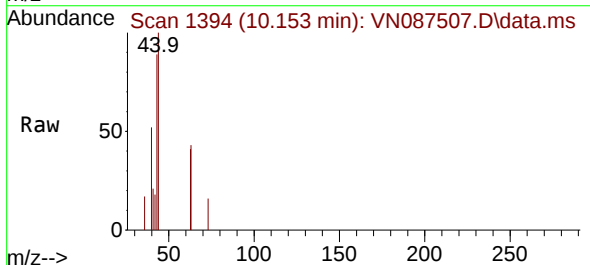
Instrument :
MSVOA_N
ClientSampleId :
PB169201TB

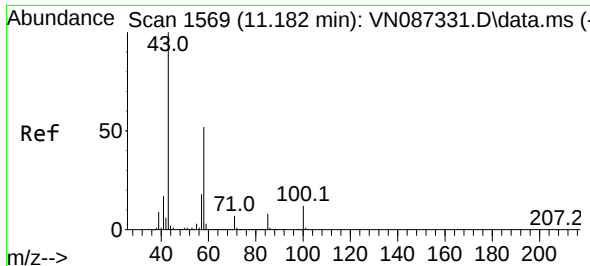
Tgt Ion: 69 Resp: 127
Ion Ratio Lower Upper
69 100
41 0.0 55.1 82.7#
39 0.0 27.9 41.9#



#58
2-Chloroethyl Vinyl ether
Concen: 0.295 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. 0.012 min
Lab File: VN087507.D
Acq: 12 Aug 2025 12:37

Tgt Ion: 63 Resp: 1046
Ion Ratio Lower Upper
63 100
106 9.4 21.7 32.5#

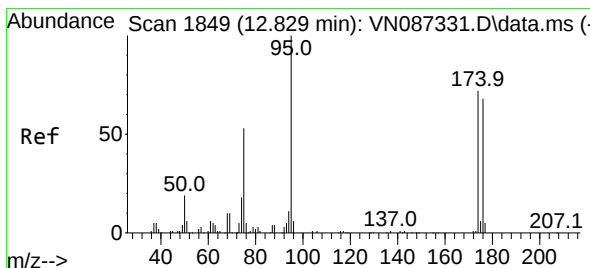
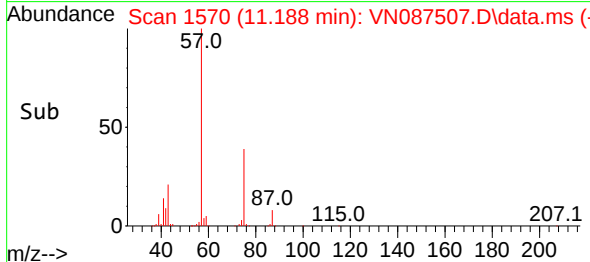
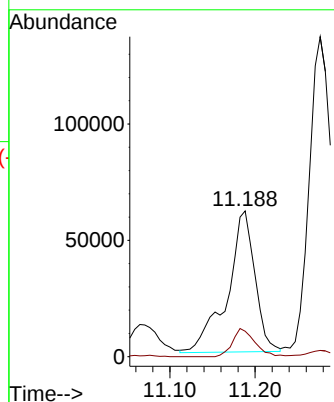
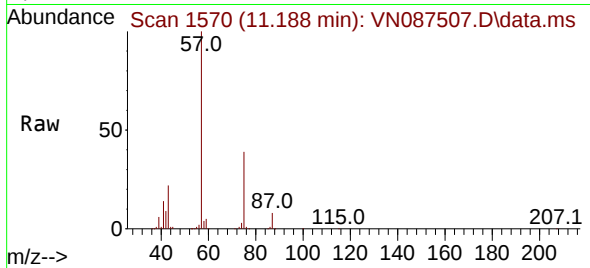




#59
2-Hexanone
Concen: 26.648 ug/l
RT: 11.188 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087507.D
Acq: 12 Aug 2025 12:37

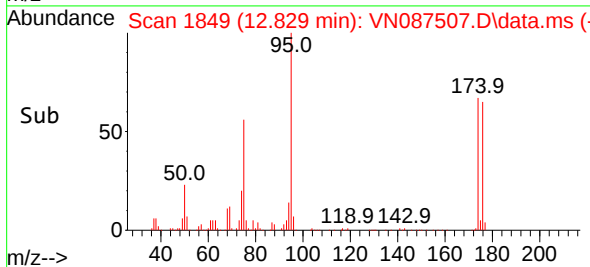
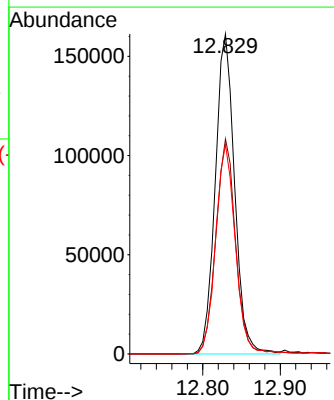
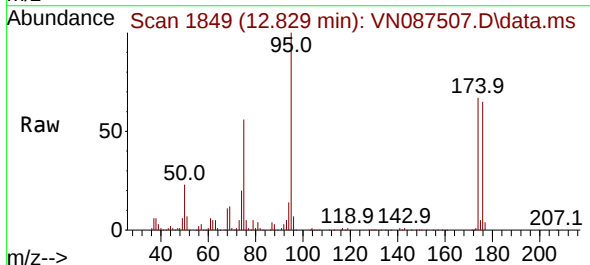
Instrument :
MSVOA_N
ClientSampleId :
PB169201TB

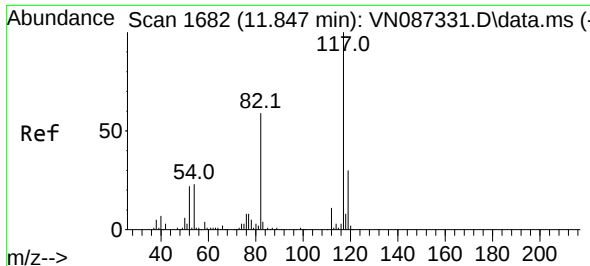
Tgt Ion: 43 Resp: 136478
Ion Ratio Lower Upper
43 100
58 16.1 26.7 80.0#



#62
4-Bromofluorobenzene
Concen: 51.547 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087507.D
Acq: 12 Aug 2025 12:37

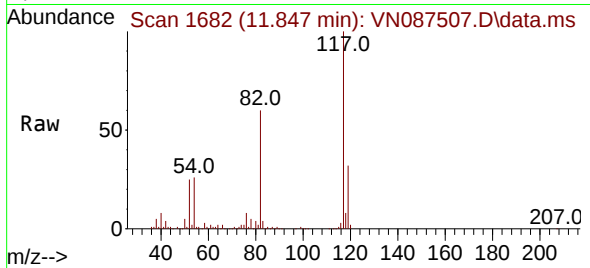
Tgt Ion: 95 Resp: 279913
Ion Ratio Lower Upper
95 100
174 68.3 0.0 149.4
176 66.7 0.0 141.2



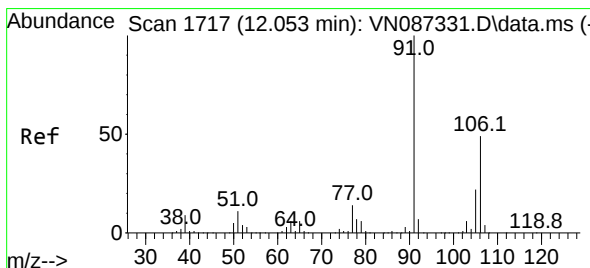
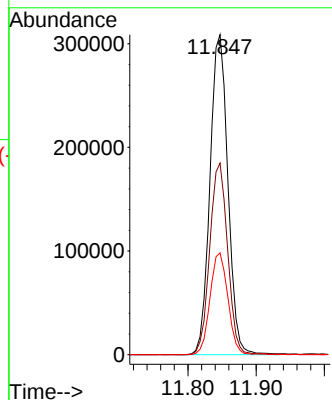
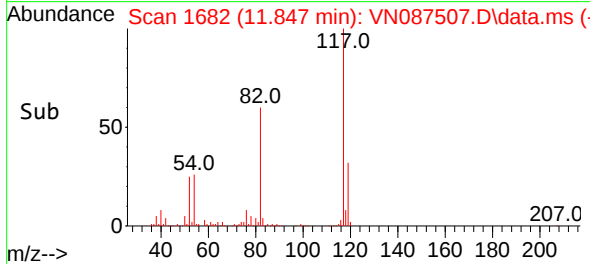


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN087507.D
Acq: 12 Aug 2025 12:37

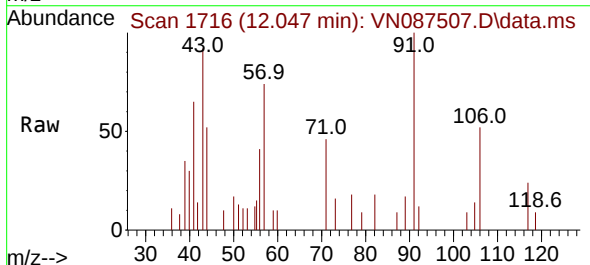
Instrument :
MSVOA_N
ClientSampleId :
PB169201TB



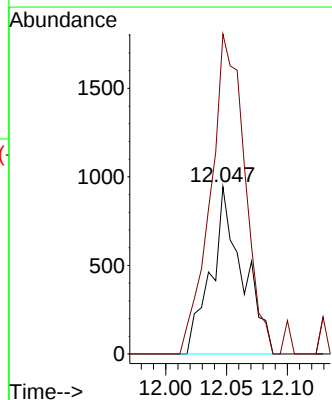
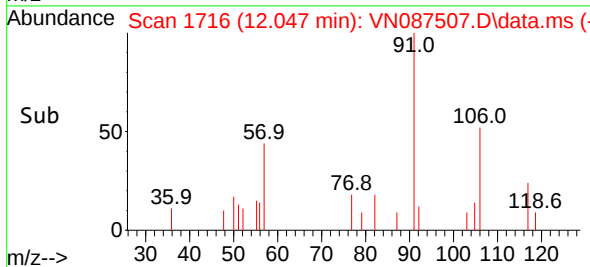
Tgt Ion:117 Resp: 564783
Ion Ratio Lower Upper
117 100
82 59.9 47.4 71.2
119 31.8 23.8 35.8

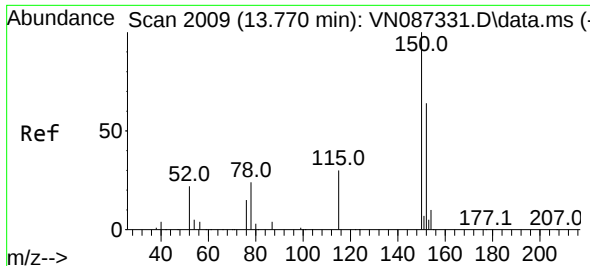


#68
m/p-Xylenes
Concen: 0.216 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VN087507.D
Acq: 12 Aug 2025 12:37



Tgt Ion:106 Resp: 1688
Ion Ratio Lower Upper
106 100
91 209.5 162.0 243.0

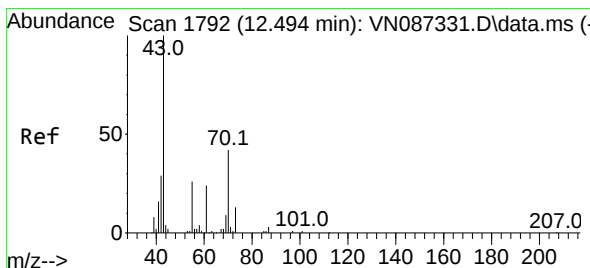
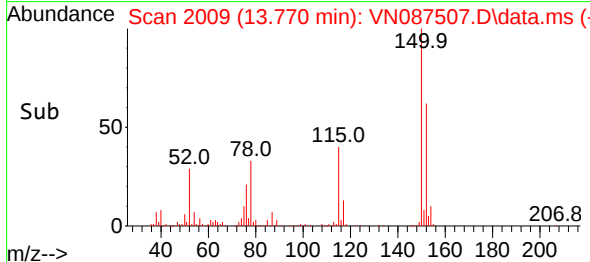
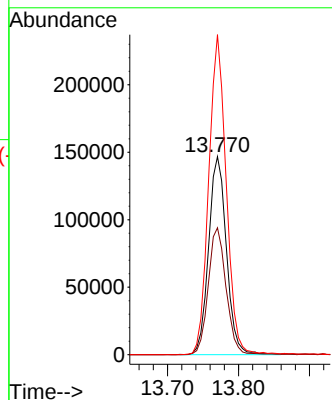
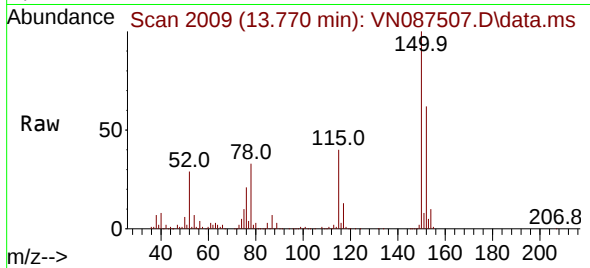




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087507.D
 Acq: 12 Aug 2025 12:37

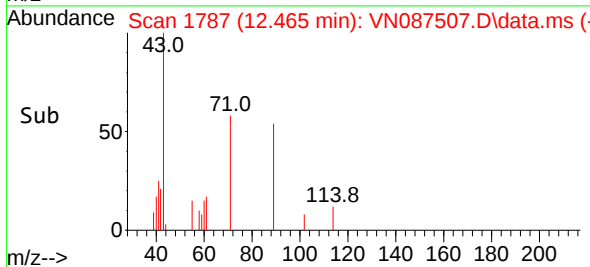
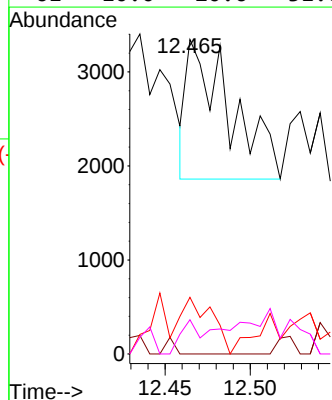
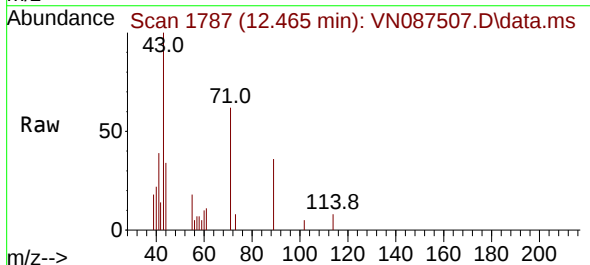
Instrument :
 MSVOA_N
 ClientSampleId :
 PB169201TB

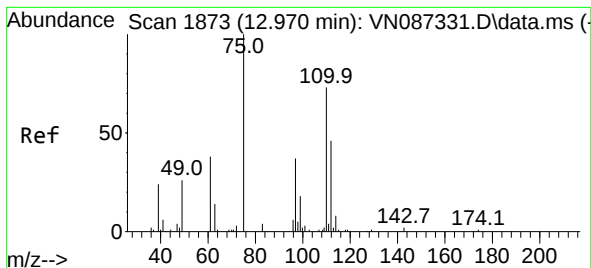
Tgt Ion:152 Resp: 256677
 Ion Ratio Lower Upper
 152 100
 115 64.3 31.1 93.5
 150 158.1 0.0 349.0



#74
 N-ethyl acetate
 Concen: 0.392 ug/l
 RT: 12.465 min Scan# 1787
 Delta R.T. -0.029 min
 Lab File: VN087507.D
 Acq: 12 Aug 2025 12:37

Tgt Ion: 43 Resp: 2630
 Ion Ratio Lower Upper
 43 100
 70 0.0 37.6 56.4#
 55 29.5 19.6 29.4#
 61 10.0 20.6 31.0#

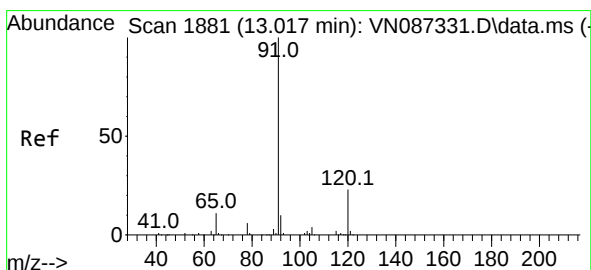
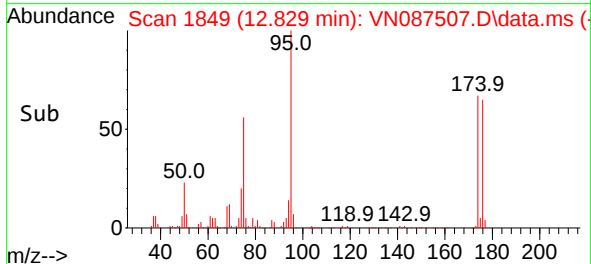
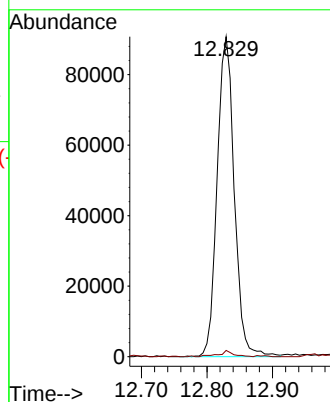
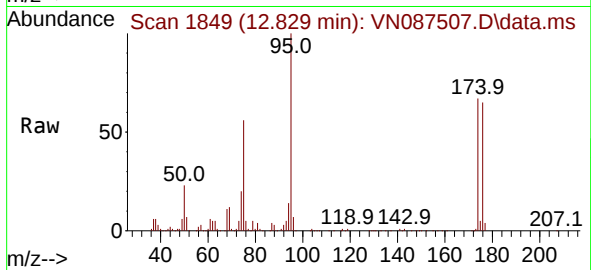




#76
1,2,3-Trichloropropane
Concen: 28.560 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.141 min
Lab File: VN087507.D
Acq: 12 Aug 2025 12:37

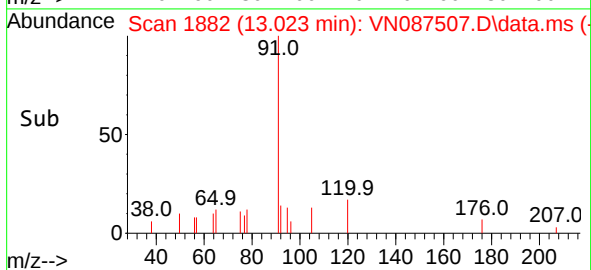
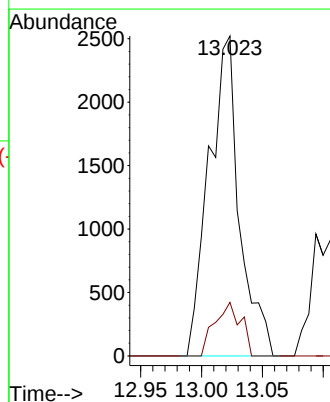
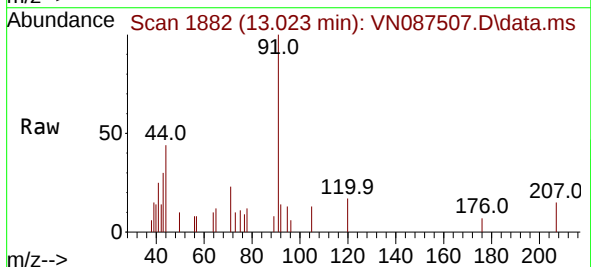
Instrument :
MSVOA_N
ClientSampleId :
PB169201TB

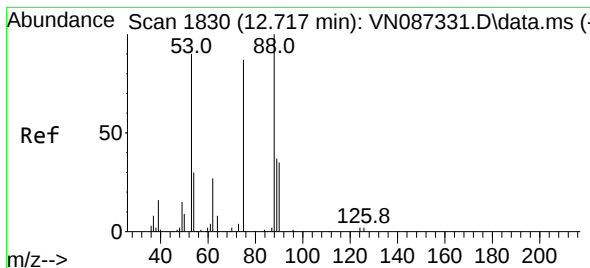
Tgt Ion: 75 Resp: 164387
Ion Ratio Lower Upper
75 100
77 1.6 94.5 283.6#



#78
n-propylbenzene
Concen: 0.216 ug/l
RT: 13.023 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN087507.D
Acq: 12 Aug 2025 12:37

Tgt Ion: 91 Resp: 4394
Ion Ratio Lower Upper
91 100
120 14.4 11.3 33.8

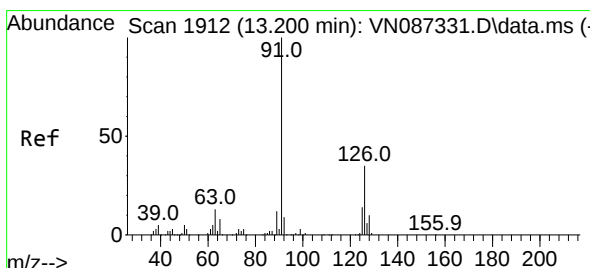
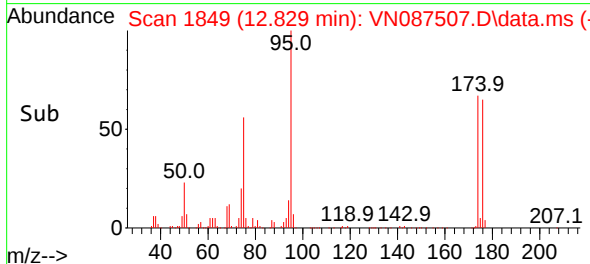
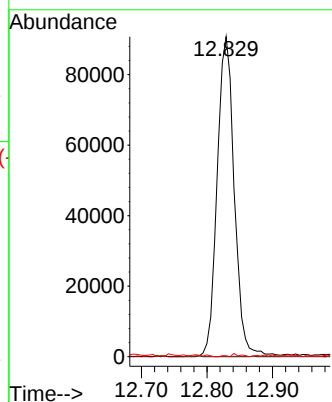
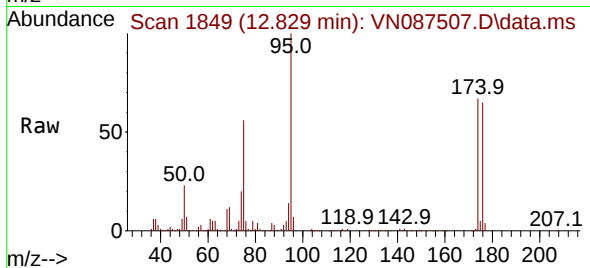




#81
trans-1,4-Dichloro-2-butene
Concen: 78.146 ug/l
RT: 12.829 min Scan# 1830
Delta R.T. 0.112 min
Lab File: VN087507.D
Acq: 12 Aug 2025 12:37

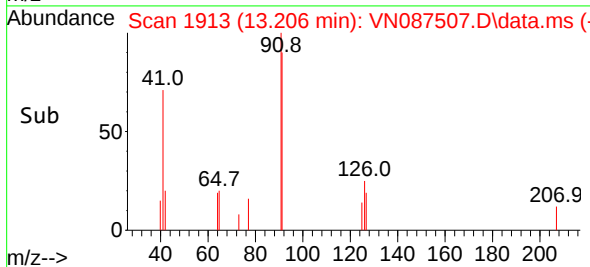
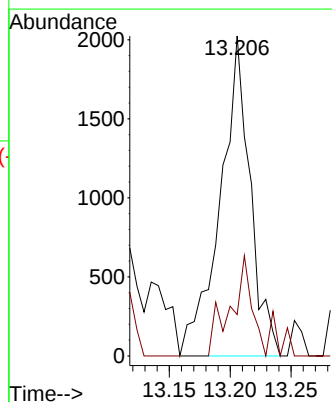
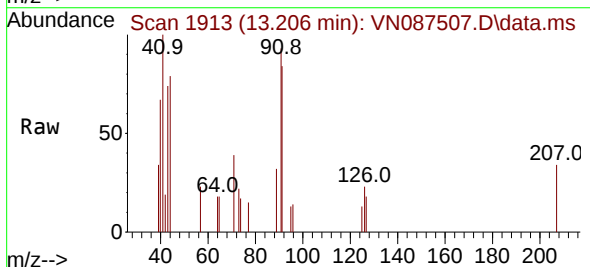
Instrument :
MSVOA_N
ClientSampleId :
PB169201TB

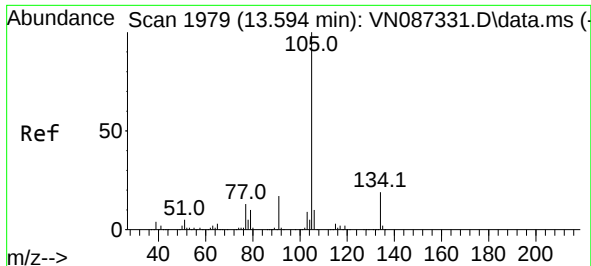
Tgt Ion: 75 Resp: 164387
Ion Ratio Lower Upper
75 100
53 0.0 83.5 125.3#
89 0.5 38.4 57.6#



#82
4-Chlorotoluene
Concen: 0.266 ug/l
RT: 13.206 min Scan# 1913
Delta R.T. 0.006 min
Lab File: VN087507.D
Acq: 12 Aug 2025 12:37

Tgt Ion: 91 Resp: 3459
Ion Ratio Lower Upper
91 100
126 22.3 16.6 49.7

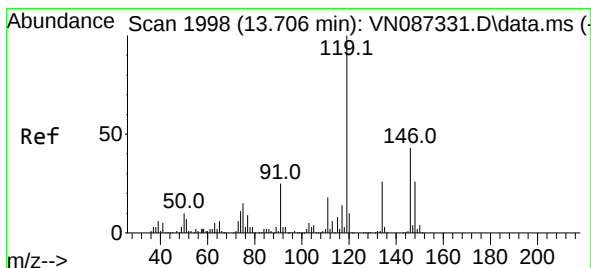
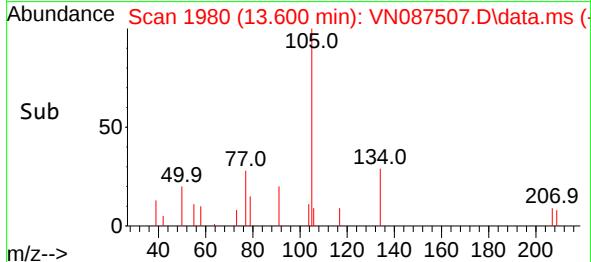
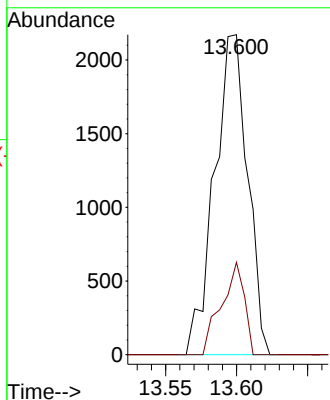
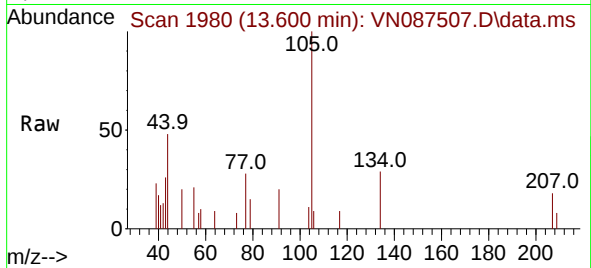




#85
sec-Butylbenzene
Concen: 0.203 ug/l
RT: 13.600 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VN087507.D
Acq: 12 Aug 2025 12:37

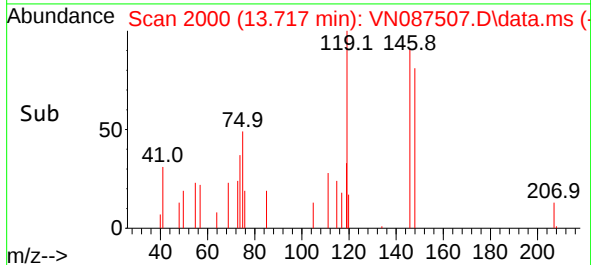
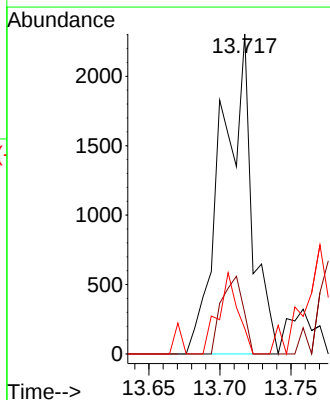
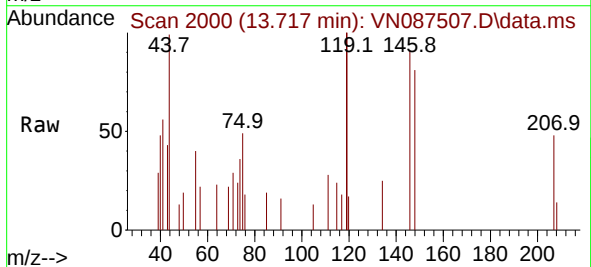
Instrument :
MSVOA_N
ClientSampleId :
PB169201TB

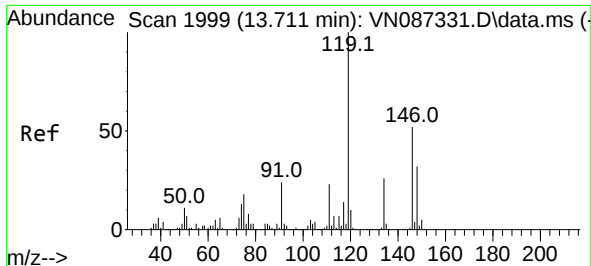
Tgt Ion:105 Resp: 3520
Ion Ratio Lower Upper
105 100
134 19.9 9.8 29.4



#86
p-Isopropyltoluene
Concen: 0.249 ug/l
RT: 13.717 min Scan# 2000
Delta R.T. 0.012 min
Lab File: VN087507.D
Acq: 12 Aug 2025 12:37

Tgt Ion:119 Resp: 3455
Ion Ratio Lower Upper
119 100
134 17.3 13.5 40.5
91 16.6 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 0.225 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. -0.006 min

Lab File: VN087507.D

Acq: 12 Aug 2025 12:37

Instrument :

MSVOA_N

ClientSampleId :

PB169201TB

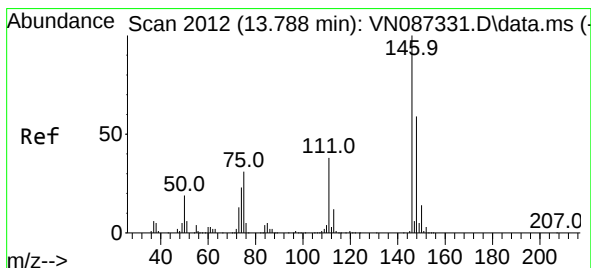
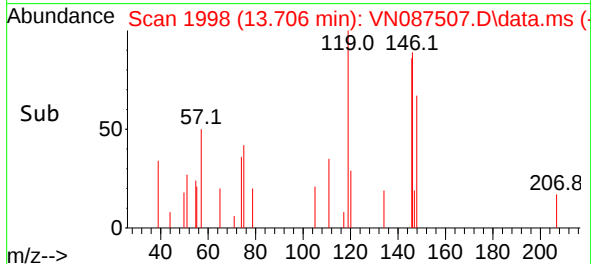
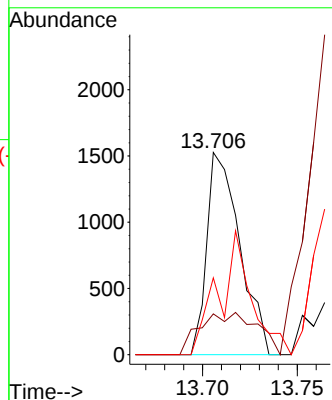
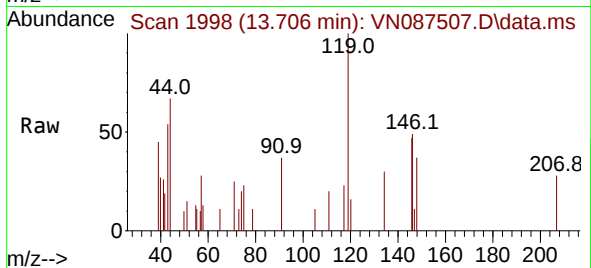
Tgt Ion:146 Resp: 1847

Ion Ratio Lower Upper

146 100

111 36.3 21.4 64.3

148 60.6 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 0.210 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. -0.082 min

Lab File: VN087507.D

Acq: 12 Aug 2025 12:37

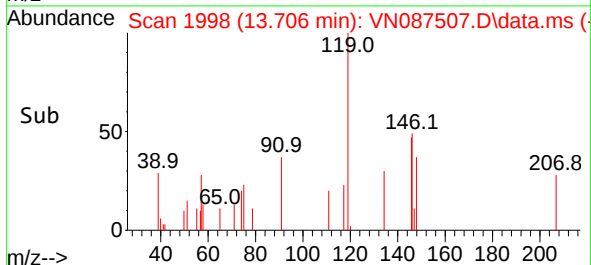
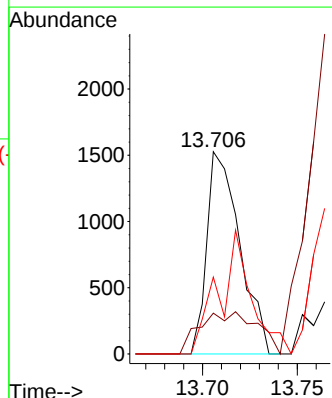
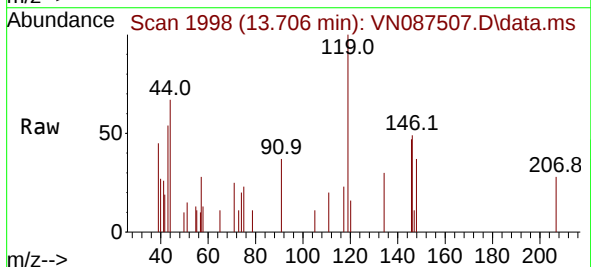
Tgt Ion:146 Resp: 1847

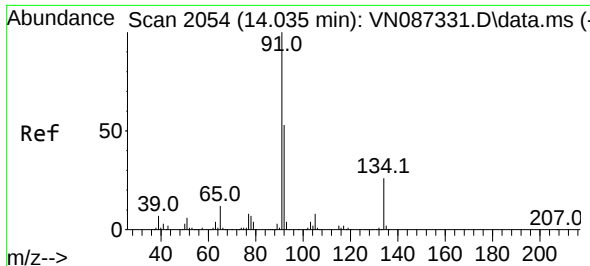
Ion Ratio Lower Upper

146 100

111 36.3 19.6 58.7

148 60.6 31.4 94.0

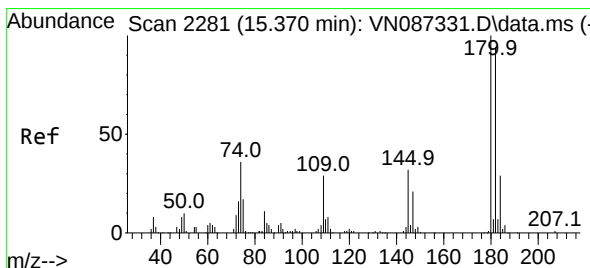
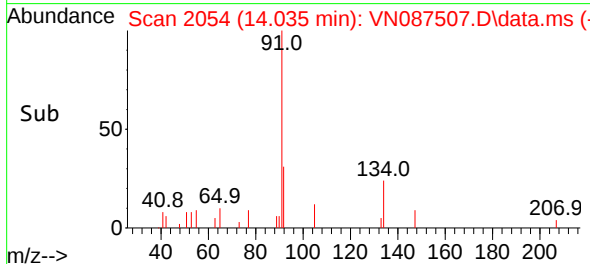
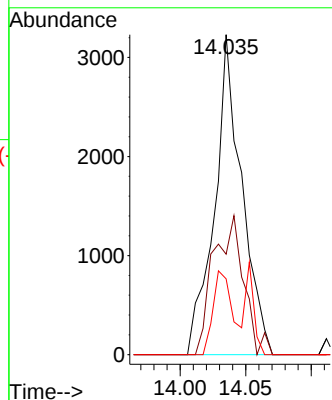
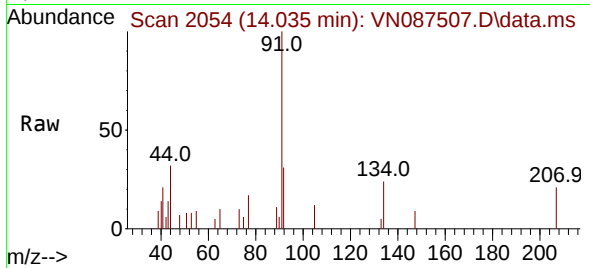




#89
n-Butylbenzene
Concen: 0.352 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087507.D
Acq: 12 Aug 2025 12:37

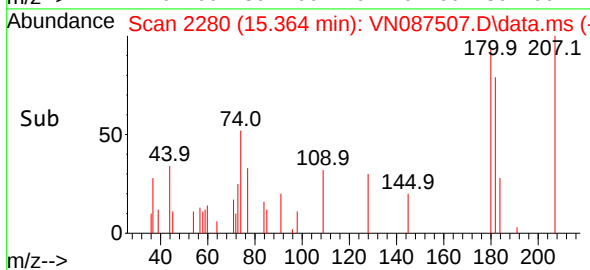
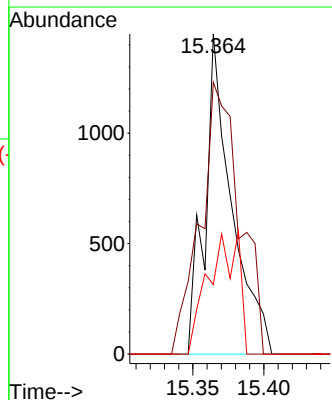
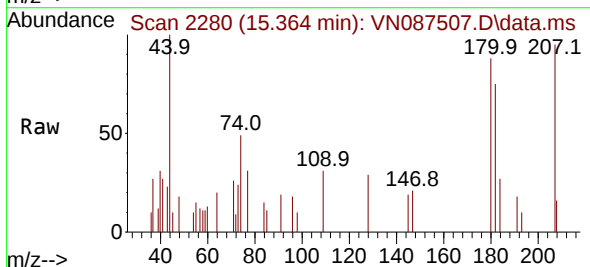
Instrument :
MSVOA_N
ClientSampleId :
PB169201TB

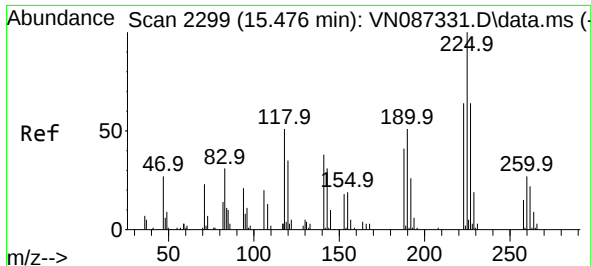
Tgt Ion:	91	Resp:	4667
Ion	Ratio	Lower	Upper
91	100		
92	48.3	26.2	78.6
134	19.1	12.4	37.2



#93
1,2,4-Trichlorobenzene
Concen: 0.416 ug/l
RT: 15.364 min Scan# 2280
Delta R.T. -0.006 min
Lab File: VN087507.D
Acq: 12 Aug 2025 12:37

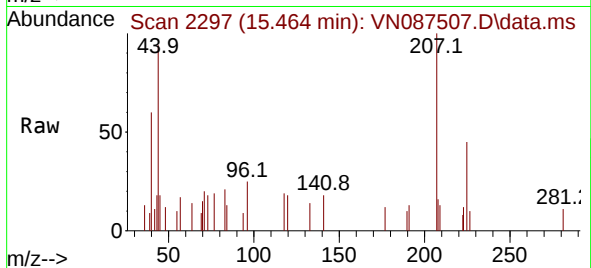
Tgt Ion:	180	Resp:	1902
Ion	Ratio	Lower	Upper
180	100		
182	123.8	47.3	141.8
145	43.1	15.4	46.4



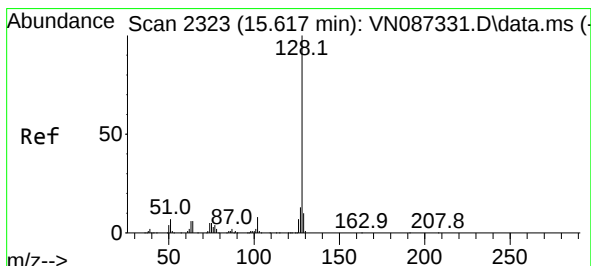
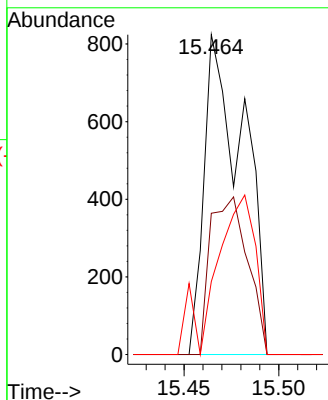
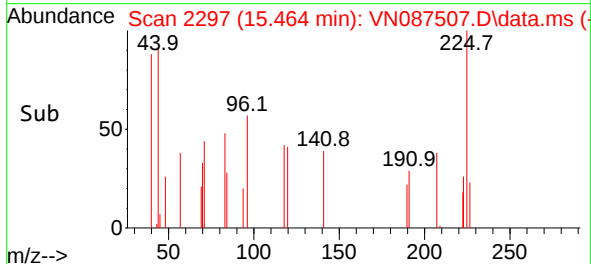


#94
Hexachlorobutadiene
Concen: 0.692 ug/l
RT: 15.464 min Scan# 2117
Delta R.T. -0.012 min
Lab File: VN087507.D
Acq: 12 Aug 2025 12:37

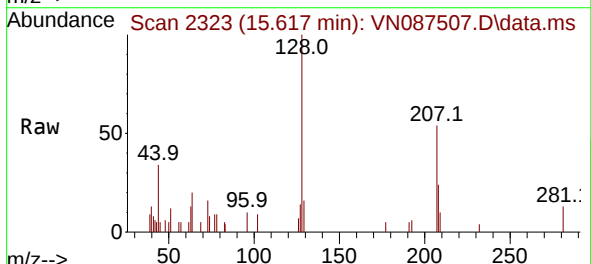
Instrument :
MSVOA_N
ClientSampleId :
PB169201TB



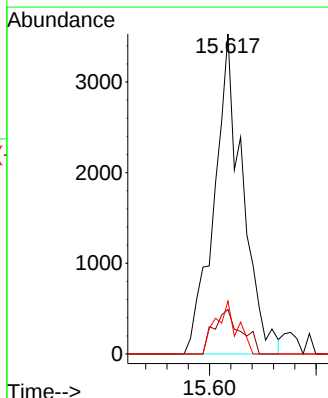
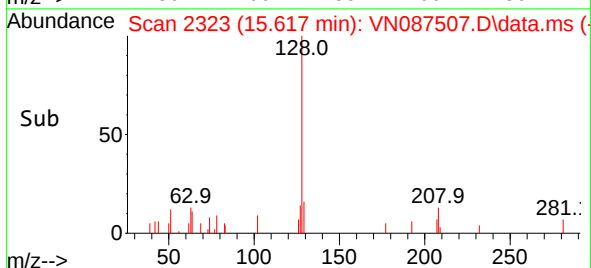
Tgt Ion	Ratio	Lower	Upper
225	100		
223	47.2	32.1	96.3
227	51.1	31.3	93.9

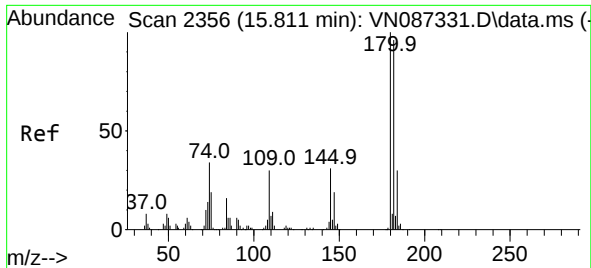


#95
Naphthalene
Concen: 0.403 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN087507.D
Acq: 12 Aug 2025 12:37



Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	12.5	8.4	12.6





#96
 1,2,3-Trichlorobenzene
 Concen: 0.262 ug/l
 RT: 15.811 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN087507.D
 Acq: 12 Aug 2025 12:37

Instrument :
 MSVOA_N
 ClientSampleId :
 PB169201TB

Tgt Ion:180 Resp: 1204
 Ion Ratio Lower Upper
 180 100
 182 152.0 47.1 141.4#
 145 67.6 16.9 50.6#

