

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033125\
 Data File : VN086170.D
 Acq On : 31 Mar 2025 15:16
 Operator : JC\MD
 Sample : VN0331WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBL01

Quant Time: Apr 01 01:36:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

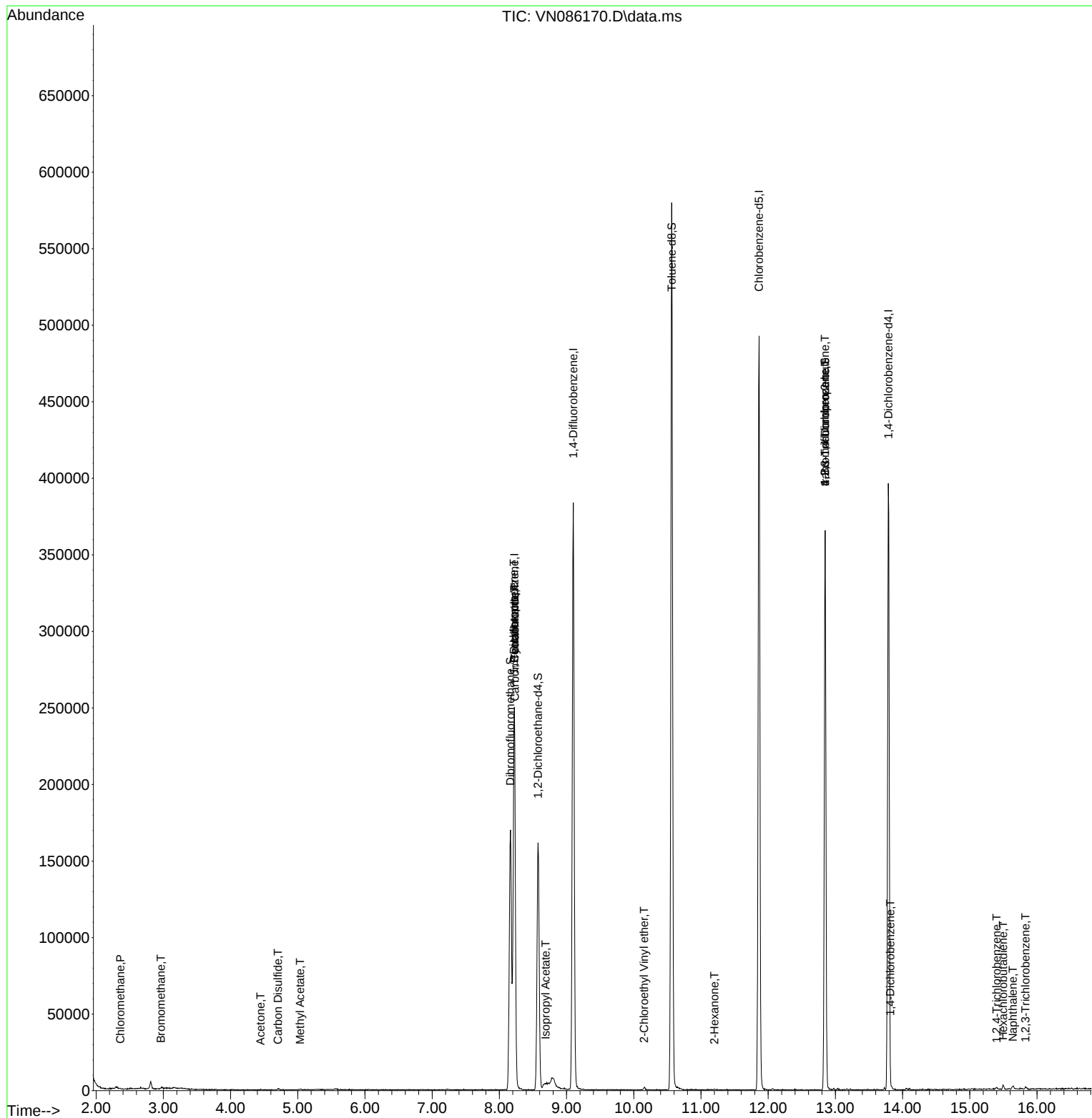
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	183608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	331734	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	301133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	136073	54.121	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.240%	
35) Dibromofluoromethane	8.165	113	122252	52.798	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.600%	
50) Toluene-d8	10.565	98	404945	48.188	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.380%	
62) 4-Bromofluorobenzene	12.847	95	126509	42.213	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 84.420%	
Target Compounds						Qvalue
3) Chloromethane	2.359	50	472	0.221	ug/l #	42
5) Bromomethane	2.965	94	358	0.241	ug/l	92
16) Acetone	4.448	43	232	0.302	ug/l #	38
17) Carbon Disulfide	4.706	76	1746	0.282	ug/l #	74
18) Methyl Acetate	5.036	43	763	0.401	ug/l #	45
31) Cyclohexane	8.224	56	3414	1.090	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	14576	4.781	ug/l #	49
38) Carbon Tetrachloride	8.230	117	19389	4.837	ug/l #	15
43) Isopropyl Acetate	8.688	43	3369	0.604	ug/l #	50
58) 2-Chloroethyl Vinyl ether	10.153	63	932	4.302	ug/l #	85
59) 2-Hexanone	11.200	43	495	0.276	ug/l #	40
76) 1,2,3-Trichloropropane	12.847	75	62410	23.760	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	62410	62.817	ug/l #	16
88) 1,4-Dichlorobenzene	13.818	146	998	0.236	ug/l #	56
93) 1,2,4-Trichlorobenzene	15.400	180	622	0.309	ug/l #	91
94) Hexachlorobutadiene	15.494	225	917	0.785	ug/l	87
95) Naphthalene	15.641	128	3010	0.516	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.829	180	964	0.505	ug/l #	84

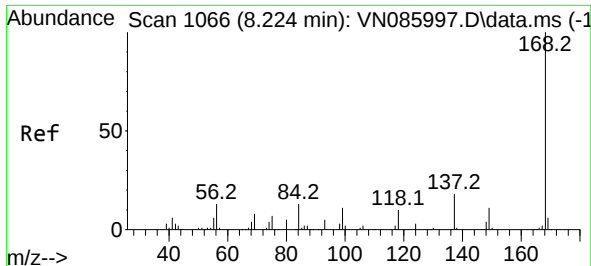
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN086170.D
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Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
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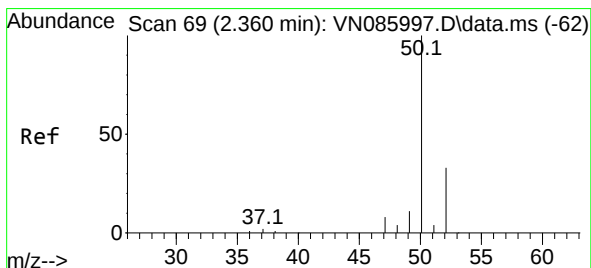
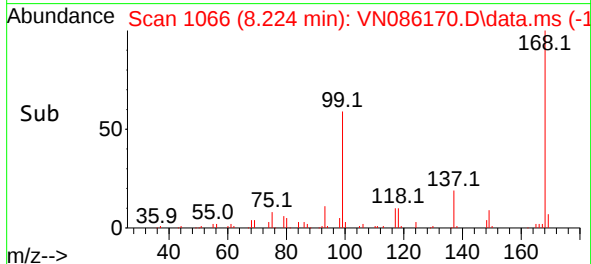
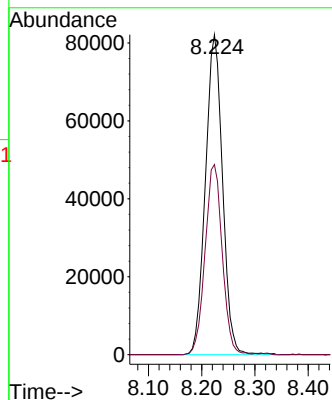
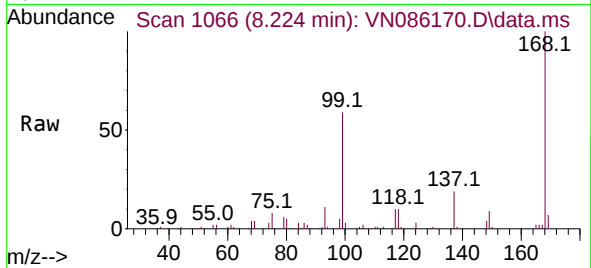




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086170.D
Acq: 31 Mar 2025 15:16

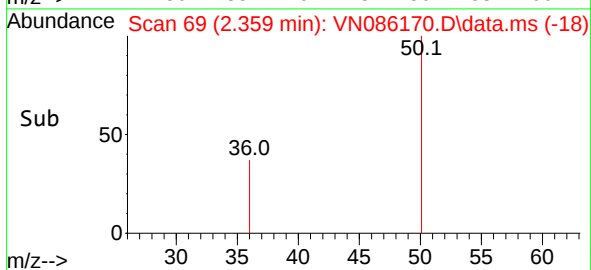
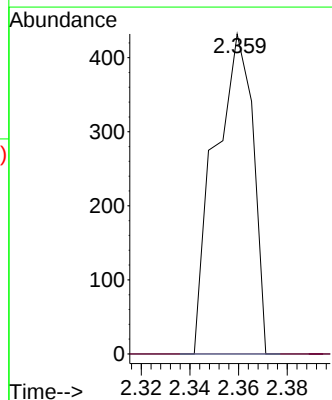
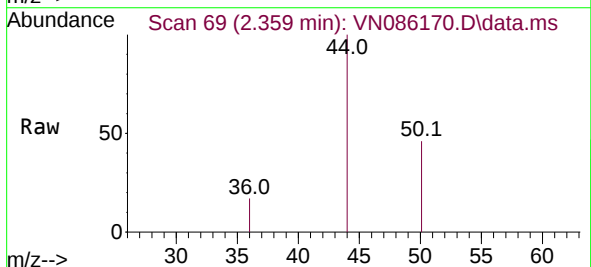
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBL01

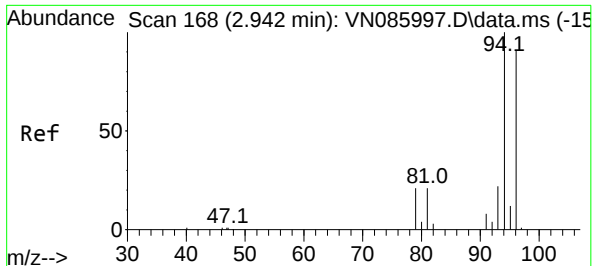
Tgt Ion:168 Resp: 183608
Ion Ratio Lower Upper
168 100
99 59.4 49.4 74.2



#3
Chloromethane
Concen: 0.221 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086170.D
Acq: 31 Mar 2025 15:16

Tgt Ion: 50 Resp: 472
Ion Ratio Lower Upper
50 100
52 0.0 26.0 39.0#

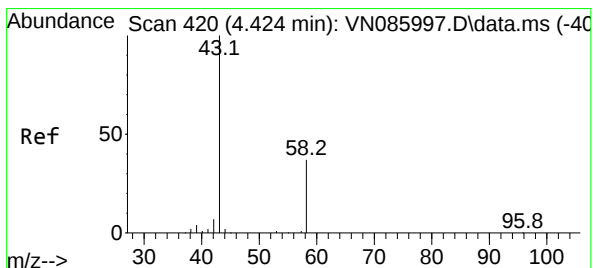
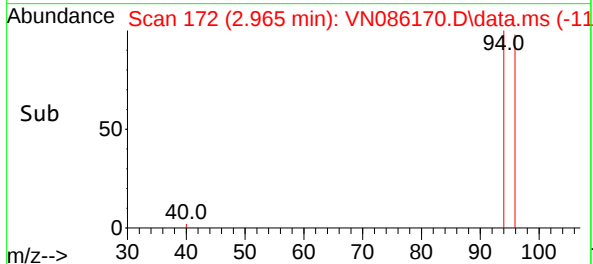
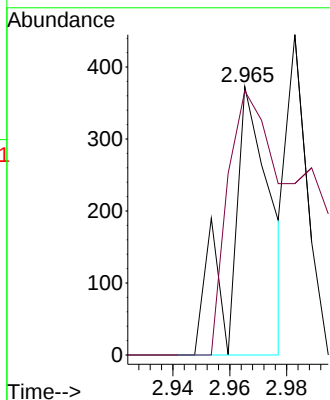
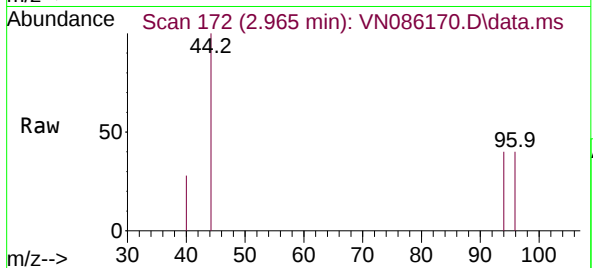




#5
Bromomethane
Concen: 0.241 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN086170.D
Acq: 31 Mar 2025 15:16

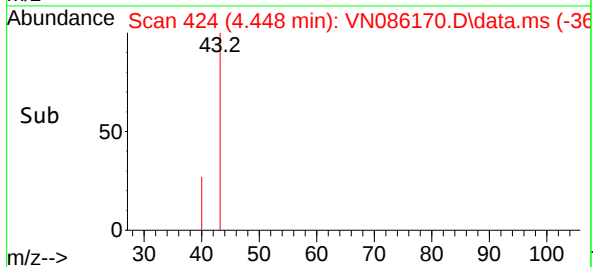
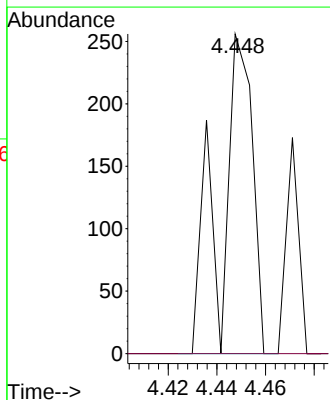
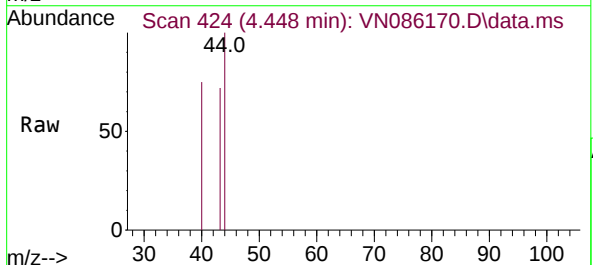
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBL01

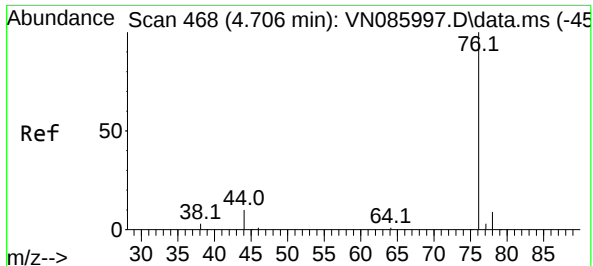
Tgt Ion: 94 Resp: 358
Ion Ratio Lower Upper
94 100
96 98.4 72.8 109.2



#16
Acetone
Concen: 0.302 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.023 min
Lab File: VN086170.D
Acq: 31 Mar 2025 15:16

Tgt Ion: 43 Resp: 232
Ion Ratio Lower Upper
43 100
58 0.0 29.4 44.2#

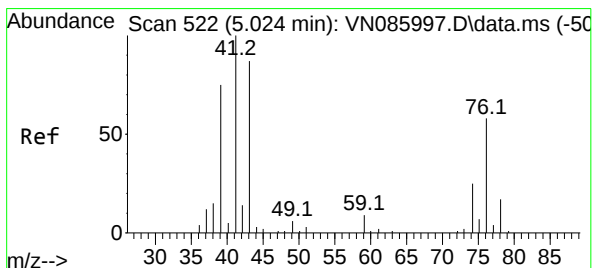
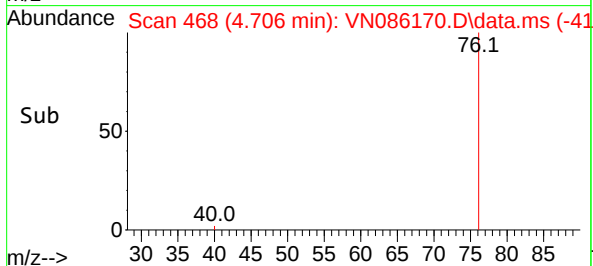
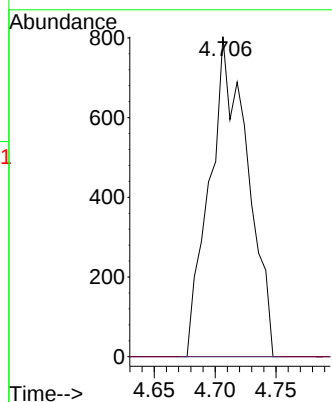
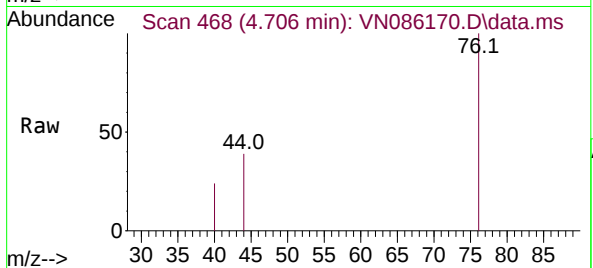




#17
Carbon Disulfide
Concen: 0.282 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN086170.D
Acq: 31 Mar 2025 15:16

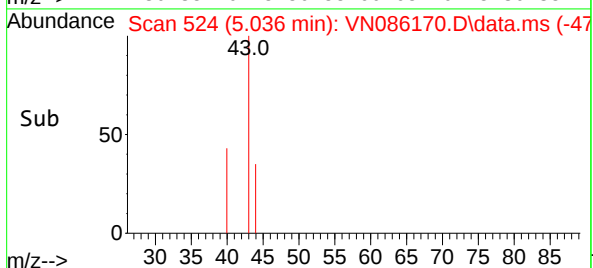
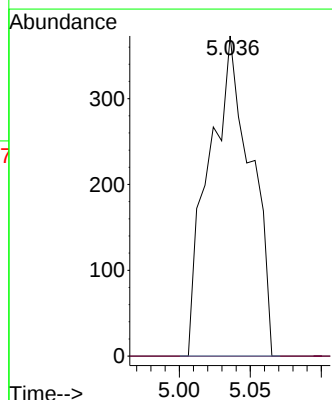
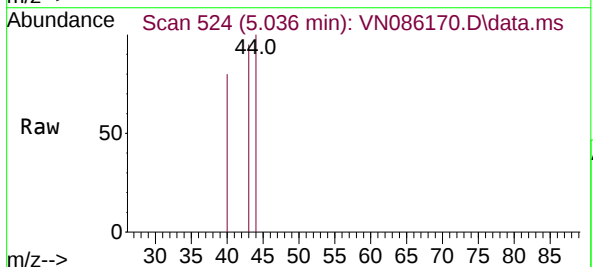
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBL01

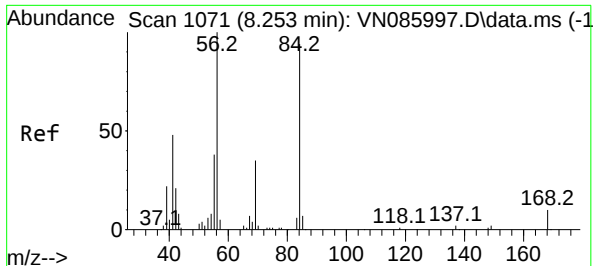
Tgt Ion: 76 Resp: 1746
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2#



#18
Methyl Acetate
Concen: 0.401 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN086170.D
Acq: 31 Mar 2025 15:16

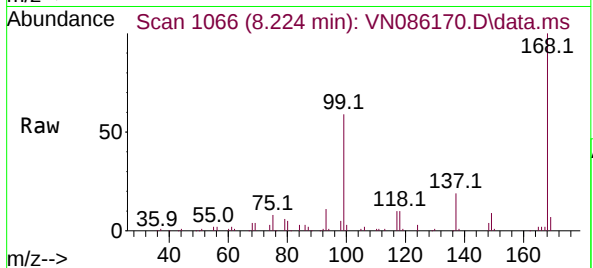
Tgt Ion: 43 Resp: 763
Ion Ratio Lower Upper
43 100
74 0.0 23.9 35.9#



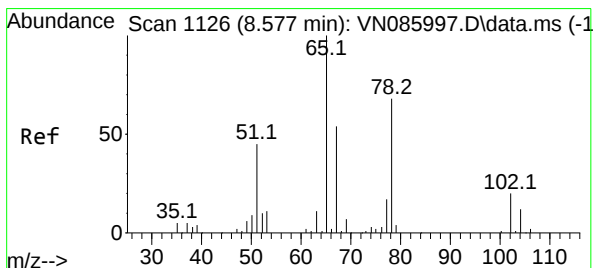
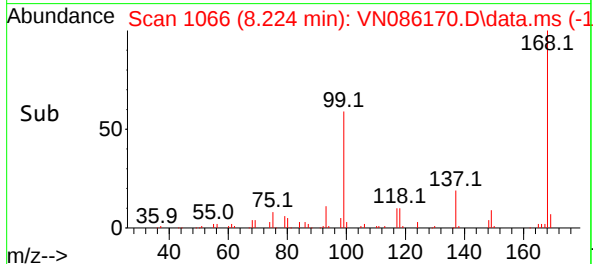
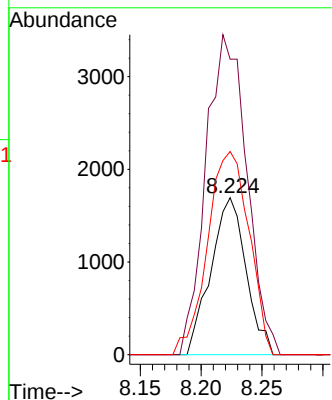


#31
Cyclohexane
Concen: 1.090 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN086170.D
Acq: 31 Mar 2025 15:16

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBL01

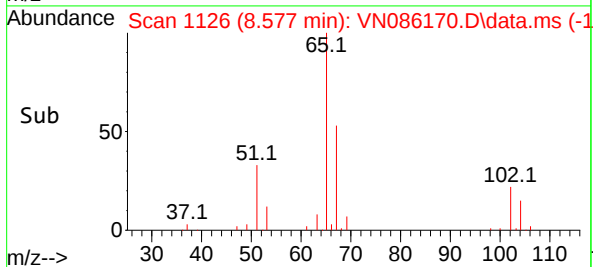
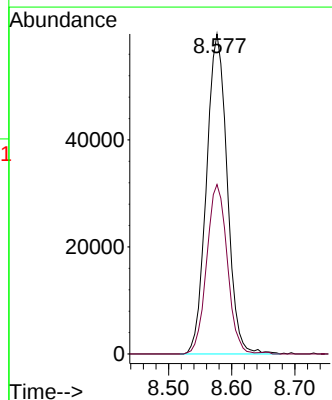
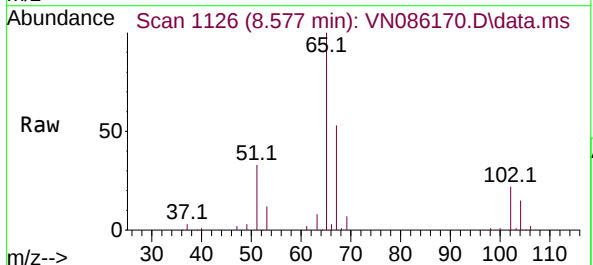


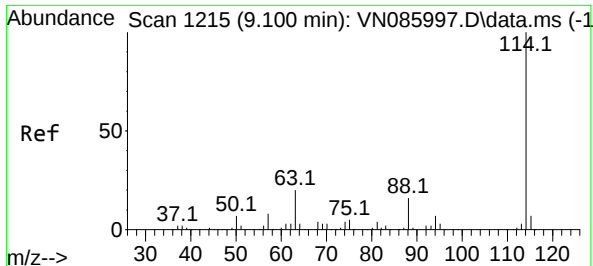
Tgt Ion: 56 Resp: 3414
Ion Ratio Lower Upper
56 100
69 188.3 28.0 42.0#
84 129.5 75.0 112.6#



#33
1,2-Dichloroethane-d4
Concen: 54.121 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086170.D
Acq: 31 Mar 2025 15:16

Tgt Ion: 65 Resp: 136073
Ion Ratio Lower Upper
65 100
67 52.6 0.0 102.2

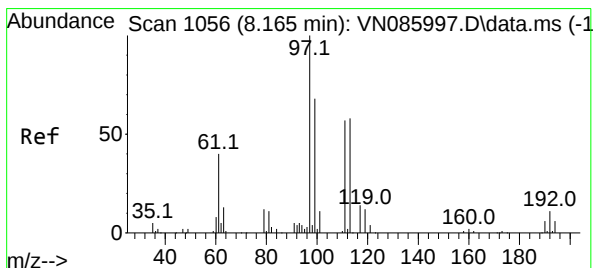
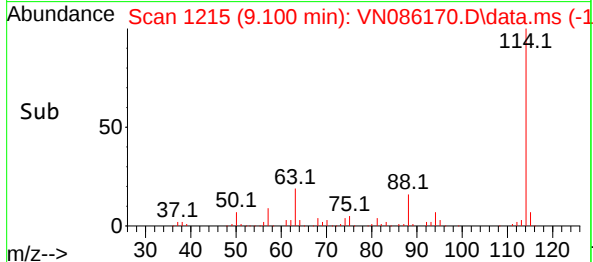
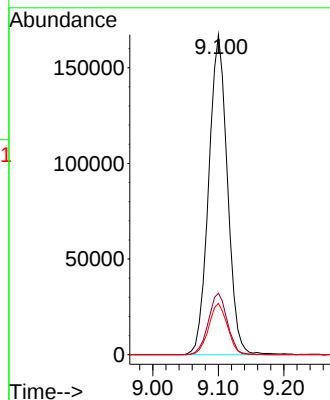
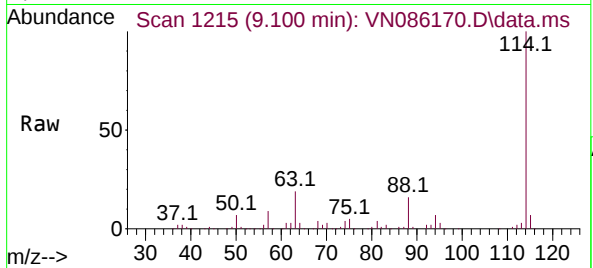




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086170.D
Acq: 31 Mar 2025 15:16

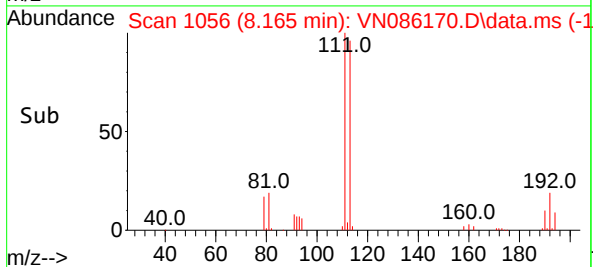
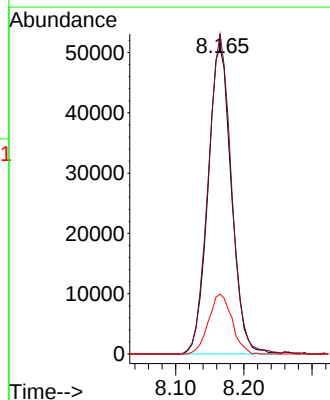
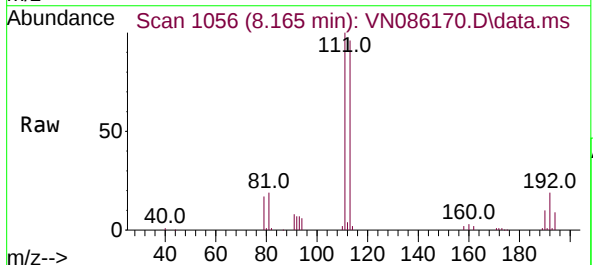
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ClientSampleId :
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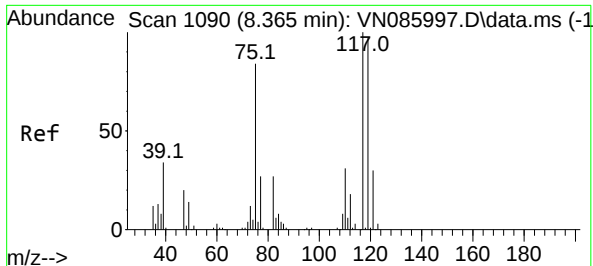
Tgt Ion:114 Resp: 331734
Ion Ratio Lower Upper
114 100
63 19.2 0.0 39.6
88 16.1 0.0 32.6



#35
Dibromofluoromethane
Concen: 52.798 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086170.D
Acq: 31 Mar 2025 15:16

Tgt Ion:113 Resp: 122252
Ion Ratio Lower Upper
113 100
111 103.0 81.8 122.8
192 19.4 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.781 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN086170.D

Acq: 31 Mar 2025 15:16

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBL01

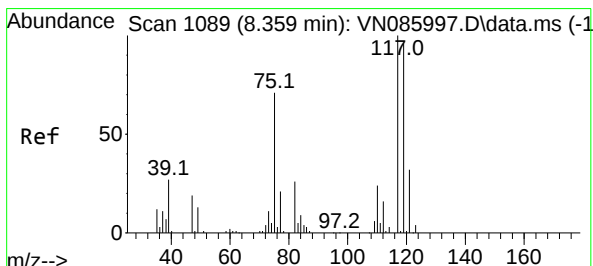
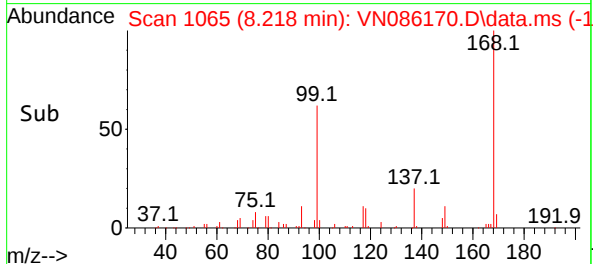
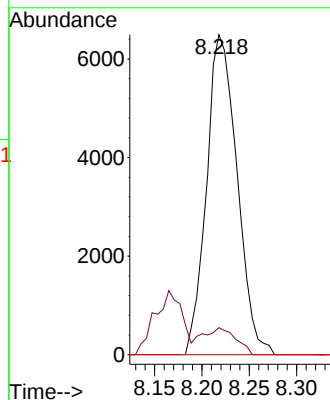
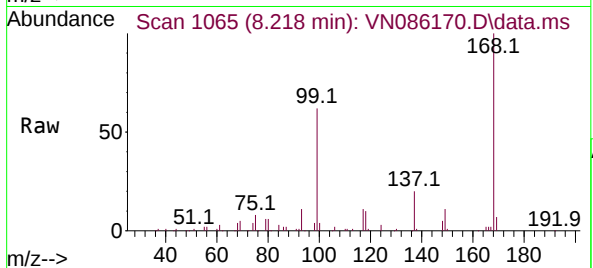
Tgt Ion: 75 Resp: 14576

Ion Ratio Lower Upper

75 100

110 8.4 17.8 53.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 4.837 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.130 min

Lab File: VN086170.D

Acq: 31 Mar 2025 15:16

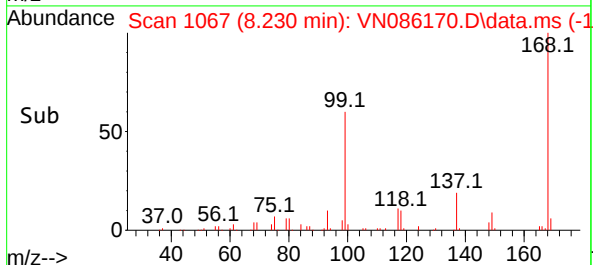
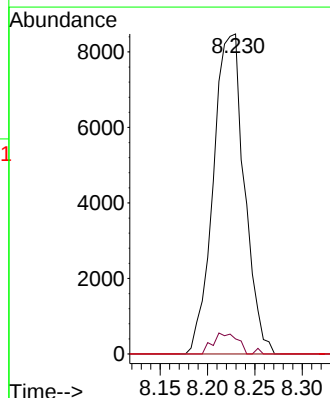
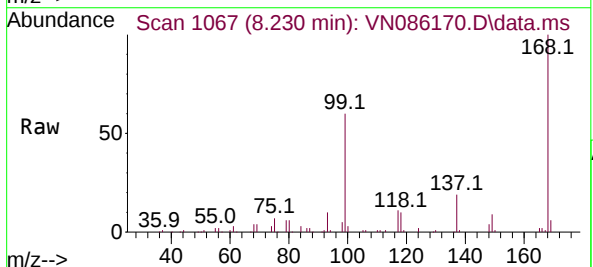
Tgt Ion: 117 Resp: 19389

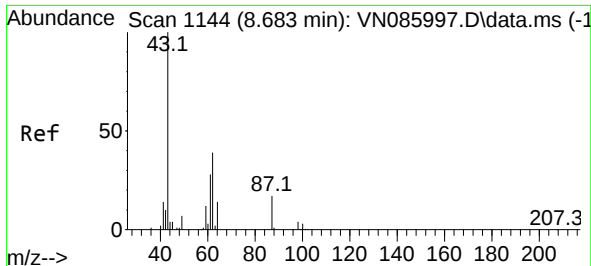
Ion Ratio Lower Upper

117 100

119 4.7 77.0 115.4#

121 0.0 25.6 38.4#





#43

Isopropyl Acetate

Concen: 0.604 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VN086170.D

Acq: 31 Mar 2025 15:16

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MSVOA_N

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VN0331WBL01

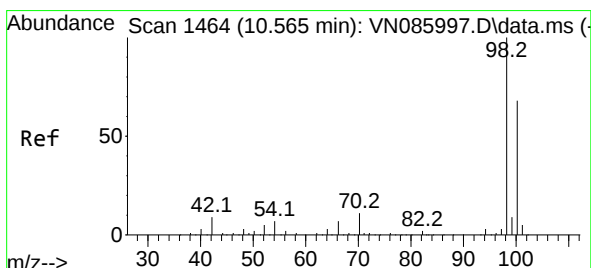
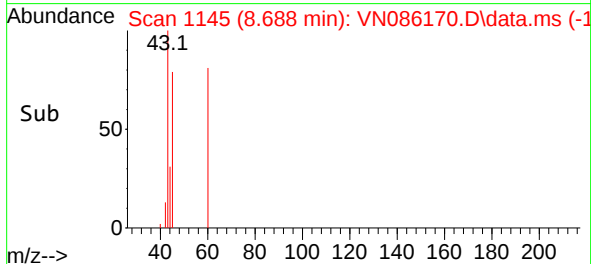
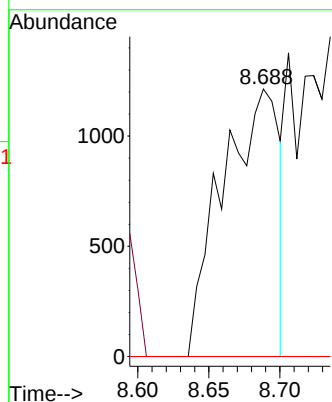
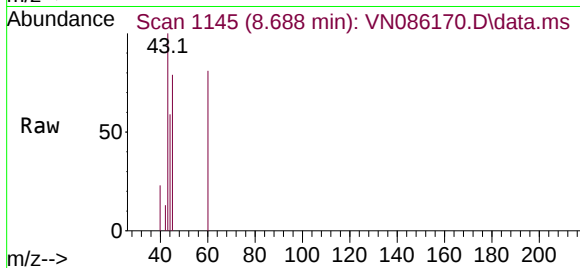
Tgt Ion: 43 Resp: 3369

Ion Ratio Lower Upper

43 100

61 0.0 25.0 37.6#

87 0.0 13.0 19.4#



#50

Toluene-d8

Concen: 48.188 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086170.D

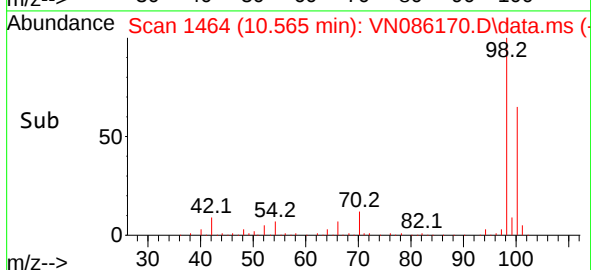
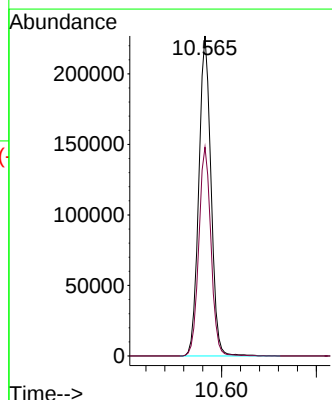
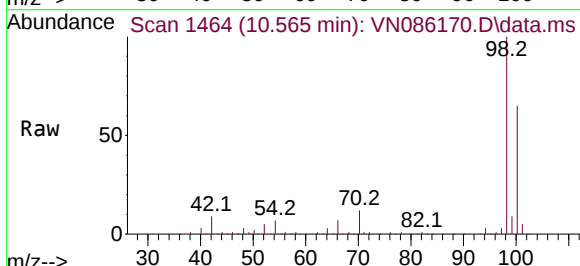
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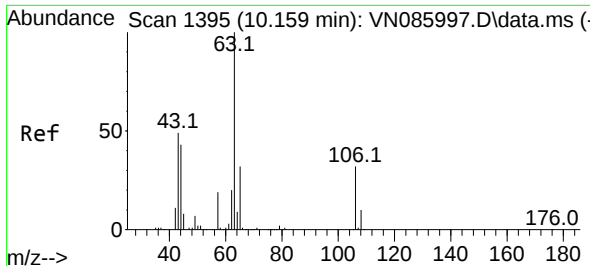
Tgt Ion: 98 Resp: 404945

Ion Ratio Lower Upper

98 100

100 65.2 53.1 79.7

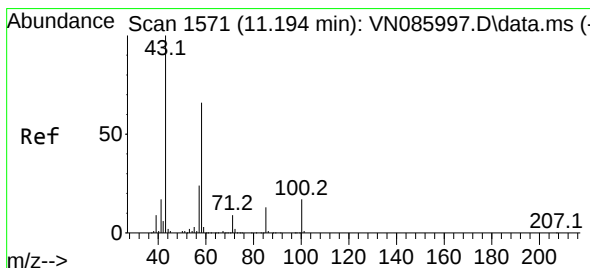
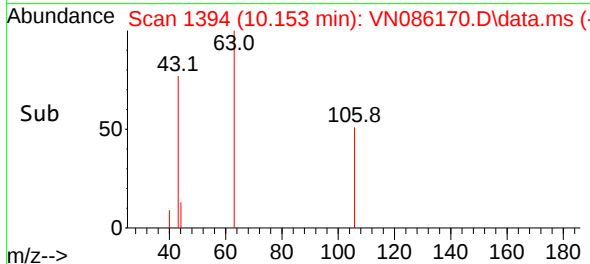
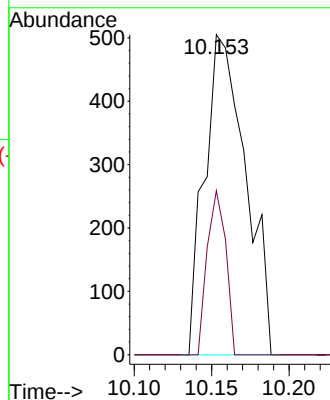
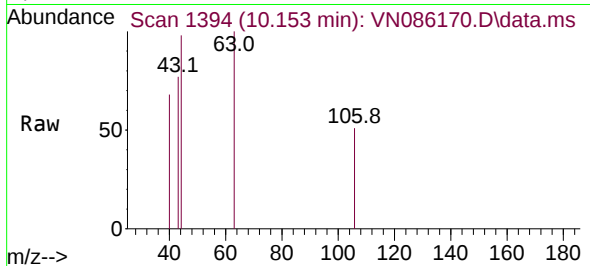




#58
2-Chloroethyl Vinyl ether
Concen: 4.302 ug/l
RT: 10.153 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086170.D
Acq: 31 Mar 2025 15:16

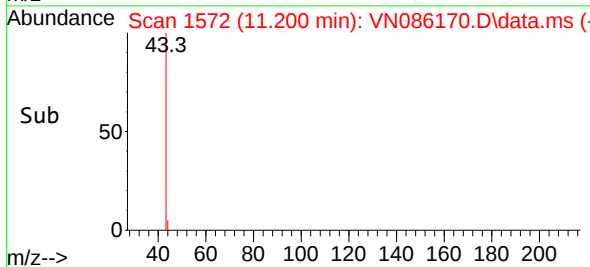
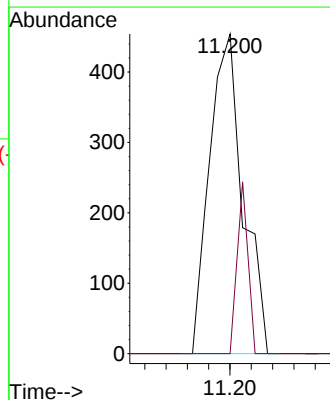
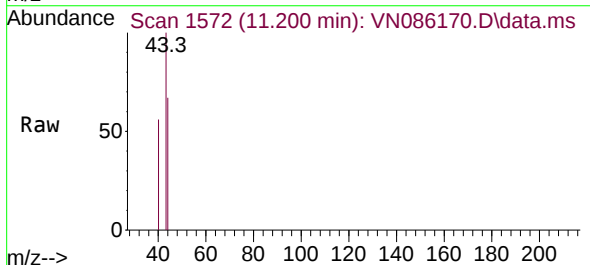
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBL01

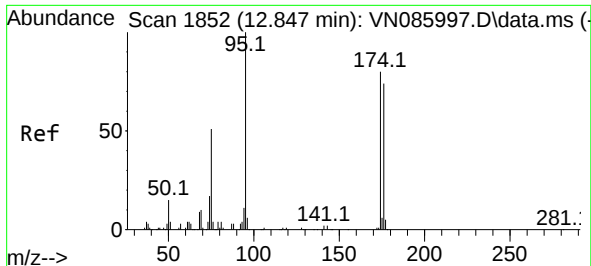
Tgt Ion: 63 Resp: 932
Ion Ratio Lower Upper
63 100
106 23.2 25.0 37.6#



#59
2-Hexanone
Concen: 0.276 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN086170.D
Acq: 31 Mar 2025 15:16

Tgt Ion: 43 Resp: 495
Ion Ratio Lower Upper
43 100
58 17.4 32.4 97.2#

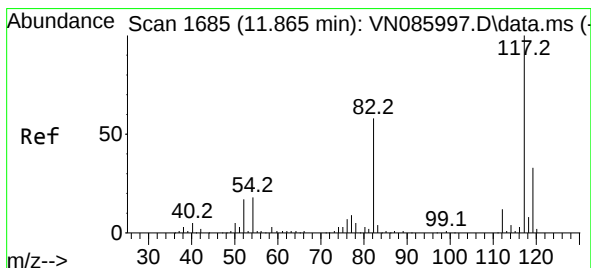
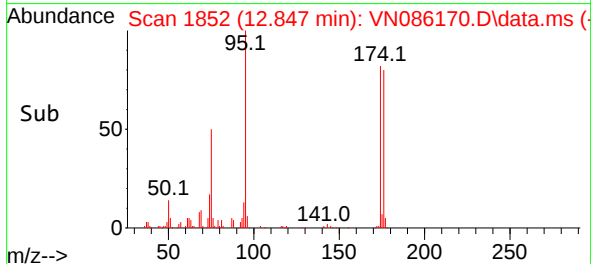
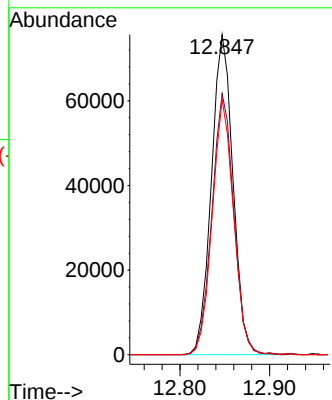
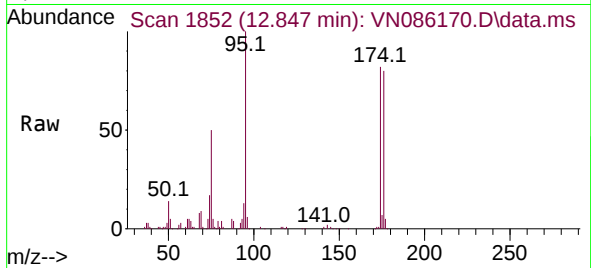




#62
4-Bromofluorobenzene
Concen: 42.213 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086170.D
Acq: 31 Mar 2025 15:16

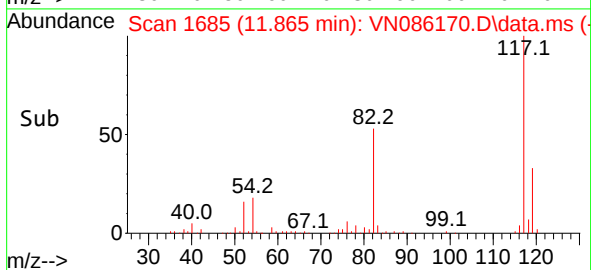
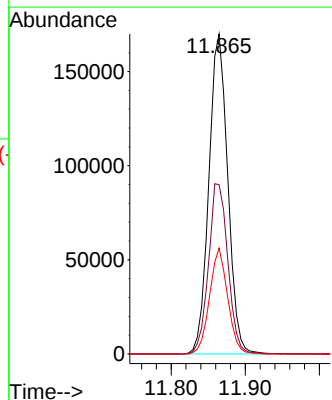
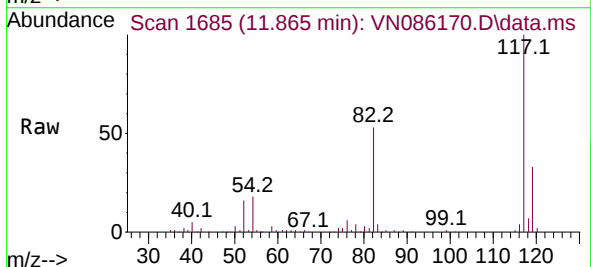
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBL01

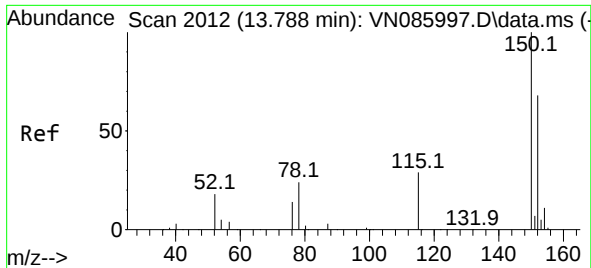
Tgt Ion: 95 Resp: 126509
Ion Ratio Lower Upper
95 100
174 82.7 0.0 156.8
176 78.8 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086170.D
Acq: 31 Mar 2025 15:16

Tgt Ion: 117 Resp: 301133
Ion Ratio Lower Upper
117 100
82 52.9 46.7 70.1
119 33.1 26.5 39.7

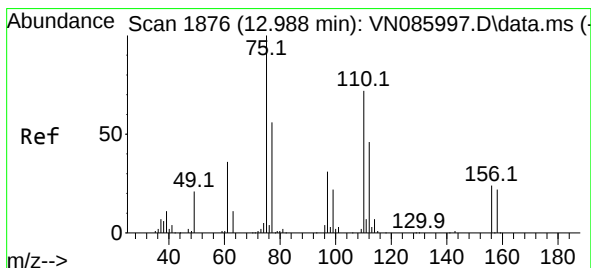
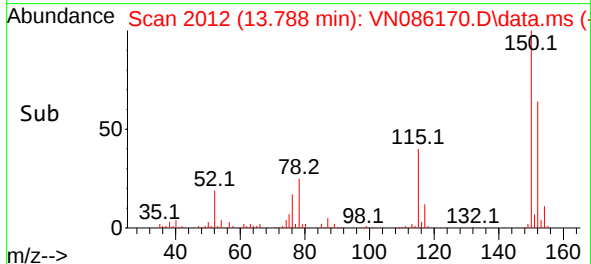
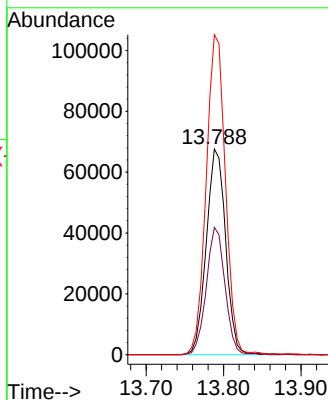
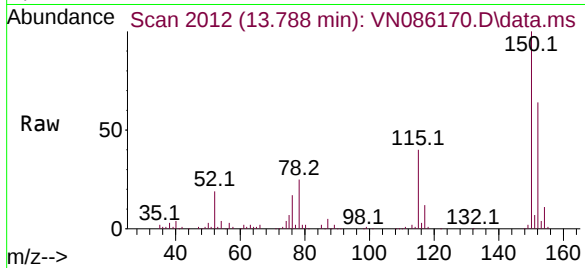




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086170.D
 Acq: 31 Mar 2025 15:16

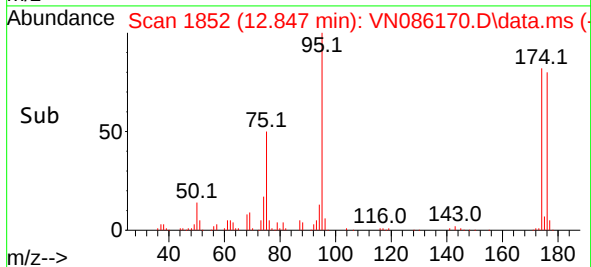
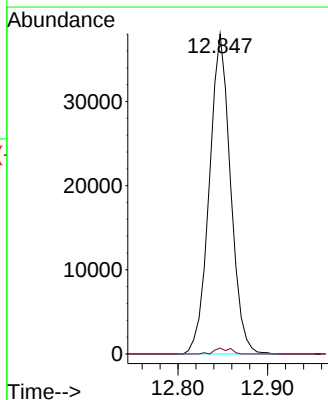
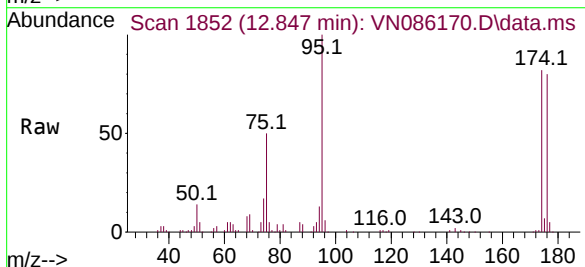
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBL01

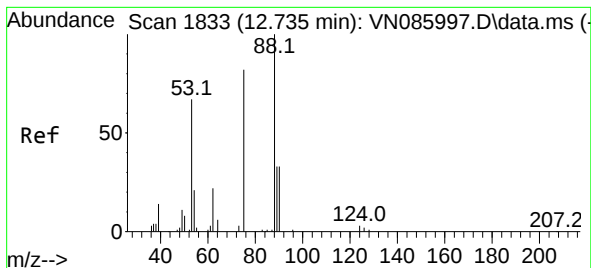
Tgt Ion:152 Resp: 117326
 Ion Ratio Lower Upper
 152 100
 115 59.8 31.1 93.2
 150 154.3 0.0 359.6



#76
 1,2,3-Trichloropropane
 Concen: 23.760 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN086170.D
 Acq: 31 Mar 2025 15:16

Tgt Ion: 75 Resp: 62410
 Ion Ratio Lower Upper
 75 100
 77 1.4 83.7 251.0#

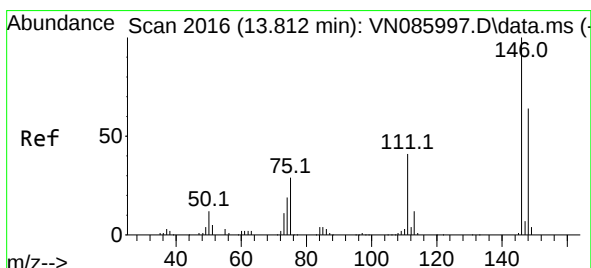
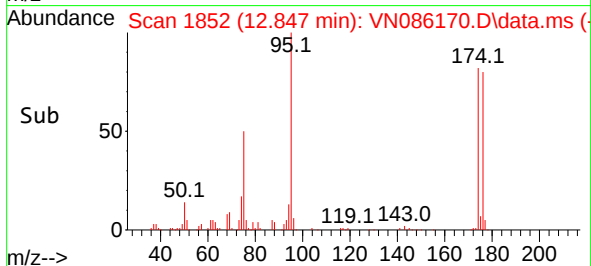
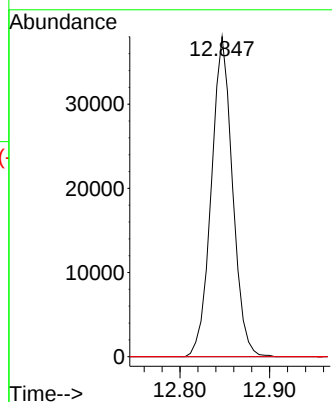
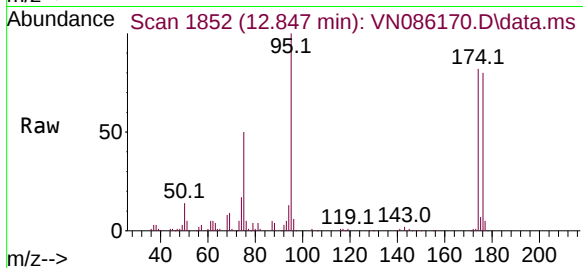




#81
trans-1,4-Dichloro-2-butene
Concen: 62.817 ug/l
RT: 12.847 min Scan# 1833
Delta R.T. 0.112 min
Lab File: VN086170.D
Acq: 31 Mar 2025 15:16

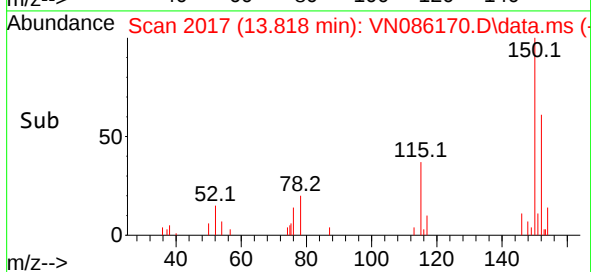
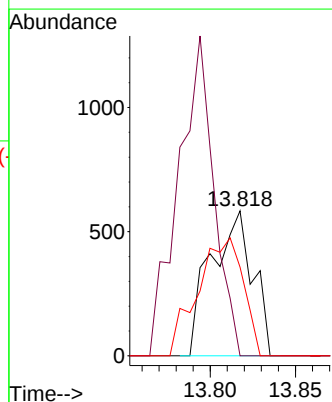
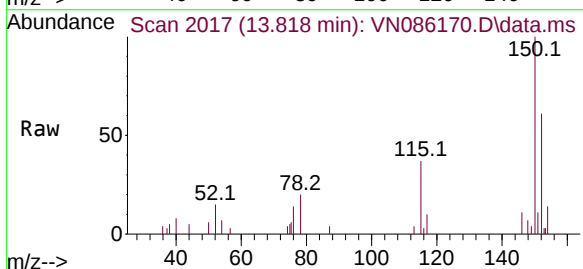
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBL01

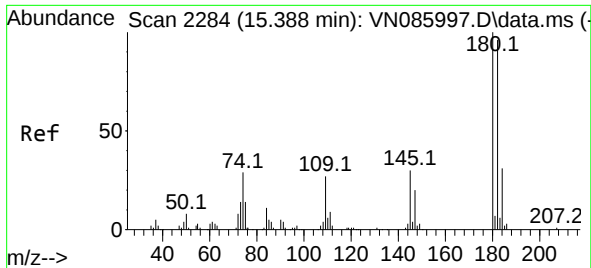
Tgt Ion: 75 Resp: 62410
Ion Ratio Lower Upper
75 100
53 0.0 66.0 99.0#
89 0.0 36.9 55.3#



#88
1,4-Dichlorobenzene
Concen: 0.236 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN086170.D
Acq: 31 Mar 2025 15:16

Tgt Ion:146 Resp: 998
Ion Ratio Lower Upper
146 100
111 0.0 20.4 61.3#
148 88.2 32.1 96.5

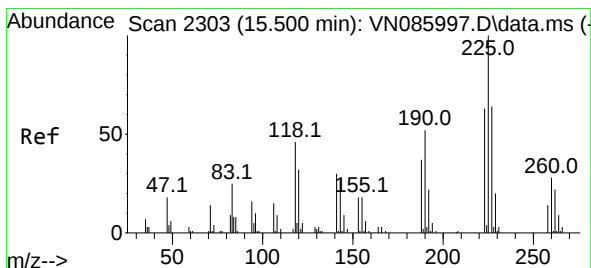
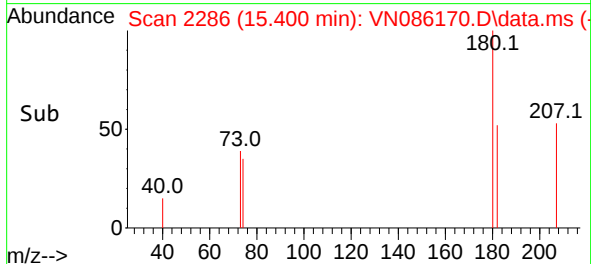
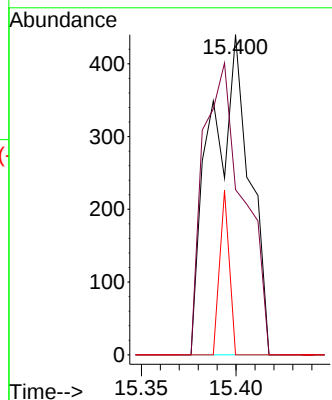
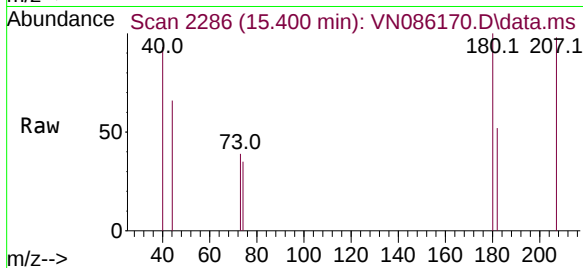




#93
1,2,4-Trichlorobenzene
Concen: 0.309 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN086170.D
Acq: 31 Mar 2025 15:16

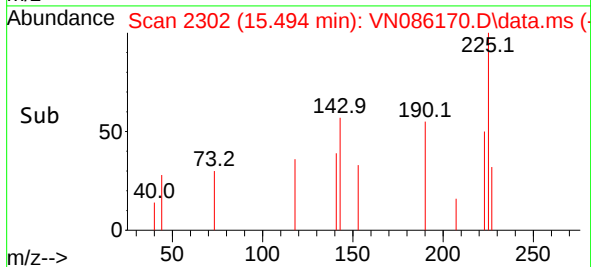
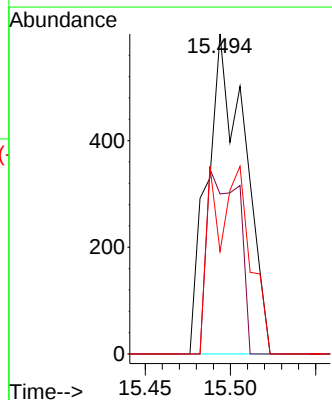
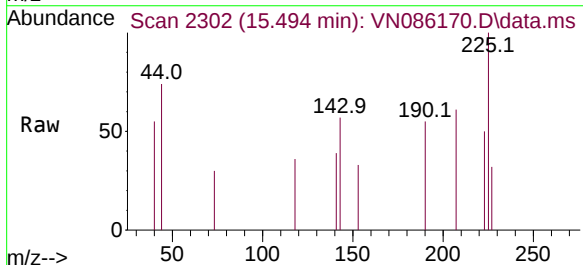
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBL01

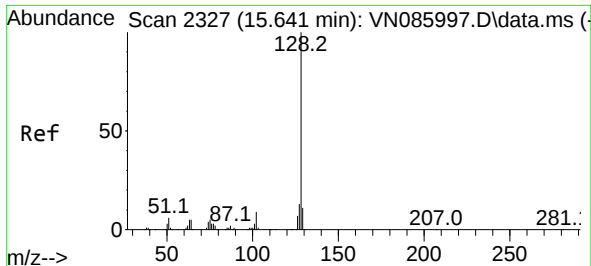
Tgt Ion:180 Resp: 622
Ion Ratio Lower Upper
180 100
182 94.5 47.0 141.0
145 12.9 15.5 46.5#



#94
Hexachlorobutadiene
Concen: 0.785 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086170.D
Acq: 31 Mar 2025 15:16

Tgt Ion:225 Resp: 917
Ion Ratio Lower Upper
225 100
223 48.6 31.3 93.9
227 57.9 32.1 96.3

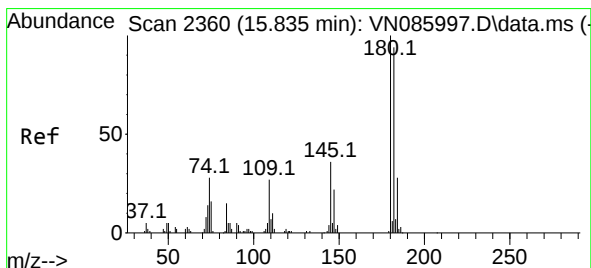
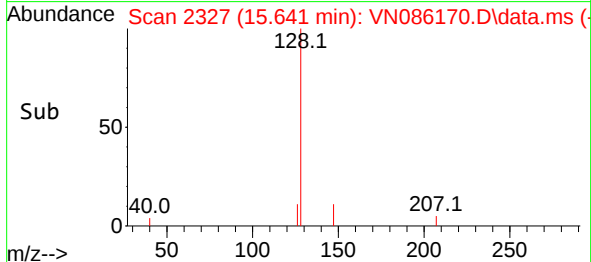
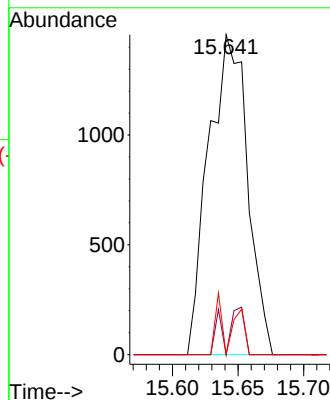
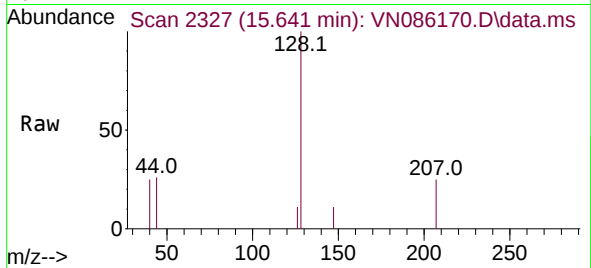




#95
Naphthalene
Concen: 0.516 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN086170.D
Acq: 31 Mar 2025 15:16

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBL01

Tgt Ion:128 Resp: 3010
Ion Ratio Lower Upper
128 100
127 7.3 10.2 15.4#
129 3.3 9.0 13.6#



#96
1,2,3-Trichlorobenzene
Concen: 0.505 ug/l
RT: 15.829 min Scan# 2359
Delta R.T. -0.006 min
Lab File: VN086170.D
Acq: 31 Mar 2025 15:16

Tgt Ion:180 Resp: 964
Ion Ratio Lower Upper
180 100
182 87.1 47.5 142.5
145 13.2 17.7 53.1#

