

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040225\
 Data File : VN086203.D
 Acq On : 02 Apr 2025 12:47
 Operator : JC\MD
 Sample : VN0402WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0402WBL01

Quant Time: Apr 03 01:34:36 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)

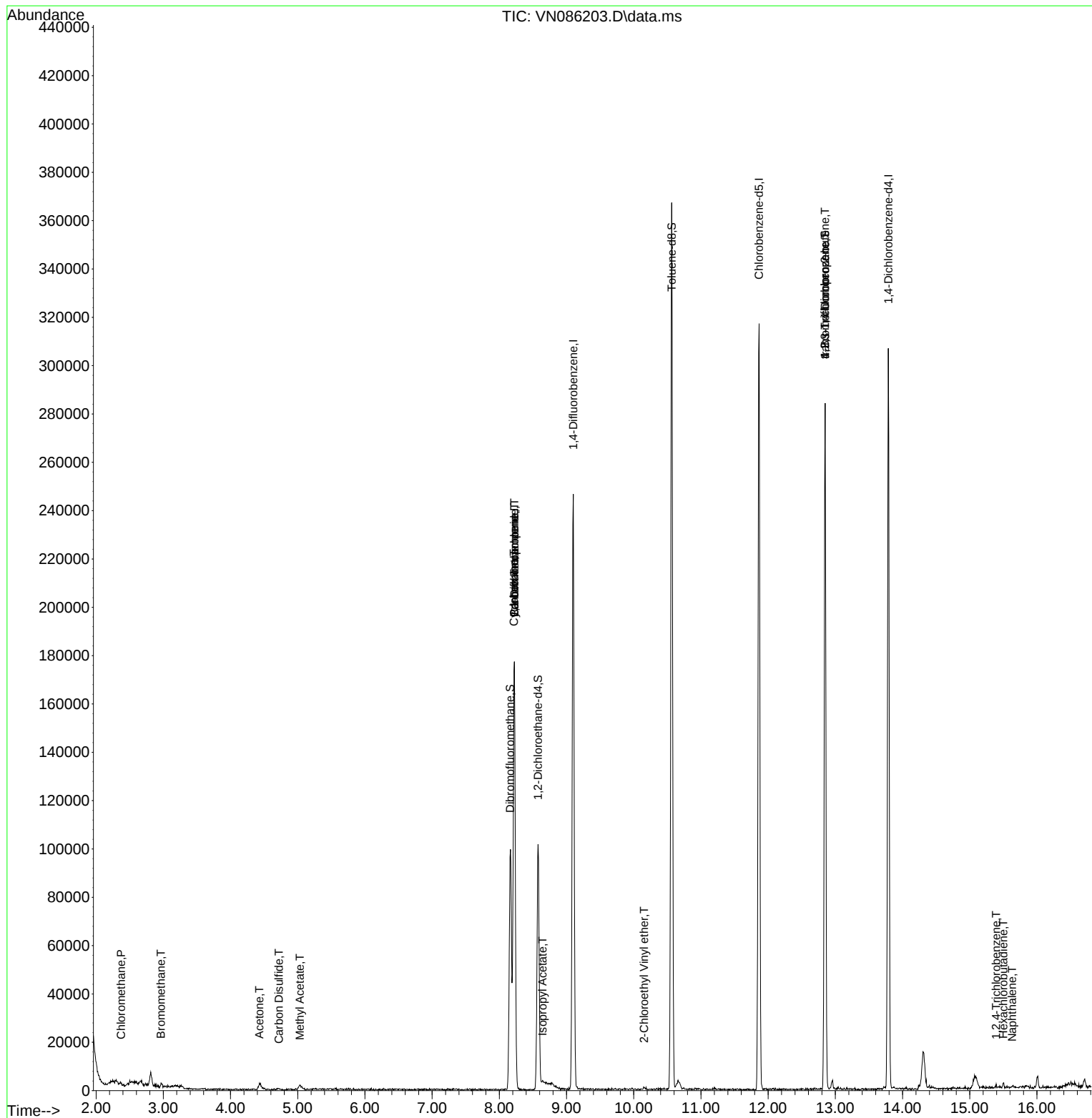
Internal Standards						
1) Pentafluorobenzene	8.224	168	127206	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	207658	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	187507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	83047	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	90713	52.078	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.160%	
35) Dibromofluoromethane	8.159	113	69868	48.204	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.400%	
50) Toluene-d8	10.565	98	254406	48.362	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.720%	
62) 4-Bromofluorobenzene	12.847	95	97285	51.857	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.720%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	533	0.361	ug/l #	42
5) Bromomethane	2.965	94	413	0.401	ug/l	83
16) Acetone	4.430	43	5433	10.209	ug/l #	87
17) Carbon Disulfide	4.718	76	1043	0.243	ug/l #	74
18) Methyl Acetate	5.030	43	3628	2.755	ug/l	96
31) Cyclohexane	8.218	56	2649	1.221	ug/l #	13
36) 1,1-Dichloropropene	8.224	75	9964	5.221	ug/l #	50
38) Carbon Tetrachloride	8.224	117	14430	5.750	ug/l #	16
43) Isopropyl Acetate	8.641	43	2961	0.849	ug/l #	50
58) 2-Chloroethyl Vinyl ether	10.153	63	372	3.994	ug/l #	43
76) 1,2,3-Trichloropropane	12.847	75	52316	28.138	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	52316	74.392	ug/l #	16
93) 1,2,4-Trichlorobenzene	15.394	180	460	0.323	ug/l #	66
94) Hexachlorobutadiene	15.500	225	497	0.601	ug/l	74
95) Naphthalene	15.629	128	1549	0.375	ug/l #	74

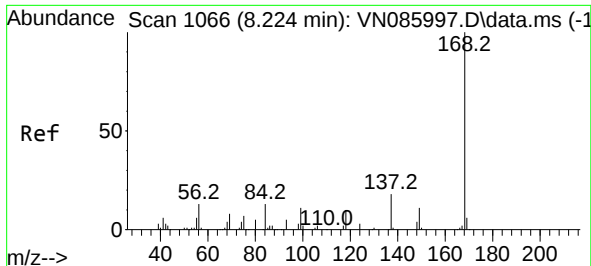
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040225\
Data File : VN086203.D
Acq On : 02 Apr 2025 12:47
Operator : JC\MD
Sample : VN0402WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0402WBL01

Quant Time: Apr 03 01:34:36 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

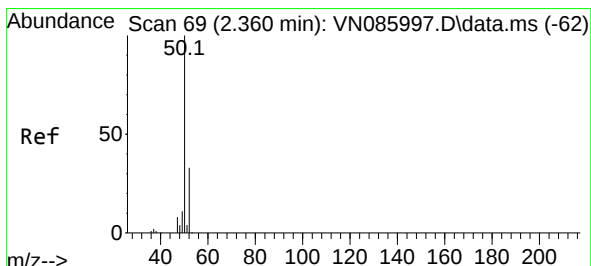
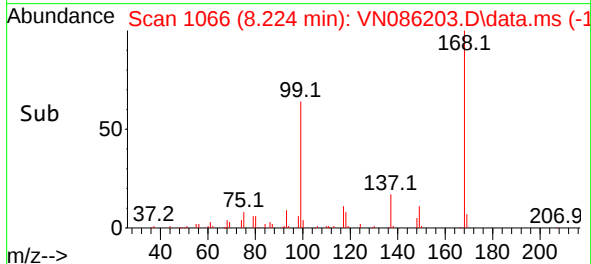
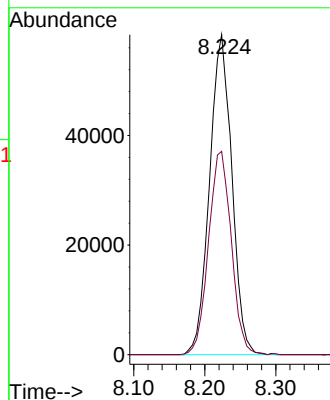
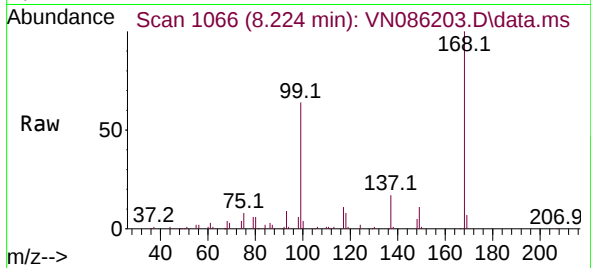




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086203.D
Acq: 02 Apr 2025 12:47

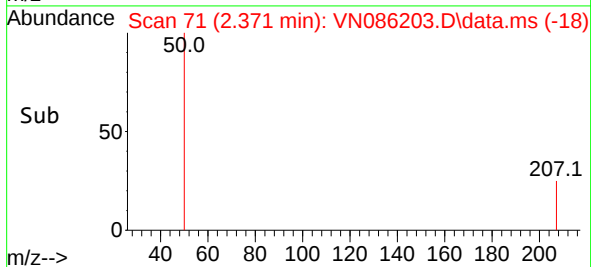
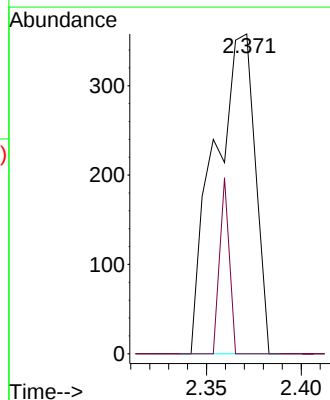
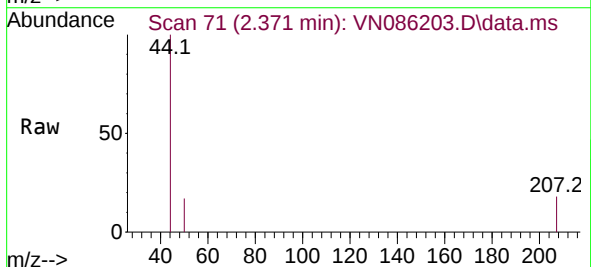
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBL01

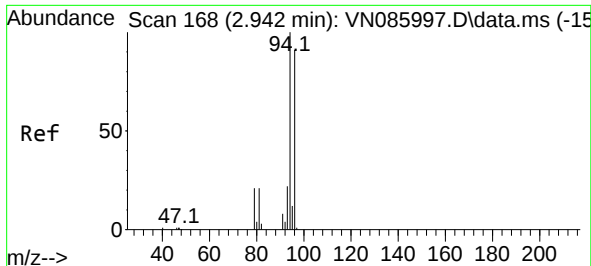
Tgt Ion:168 Resp: 127206
Ion Ratio Lower Upper
168 100
99 63.6 49.4 74.2



#3
Chloromethane
Concen: 0.361 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN086203.D
Acq: 02 Apr 2025 12:47

Tgt Ion: 50 Resp: 533
Ion Ratio Lower Upper
50 100
52 0.0 26.0 39.0#

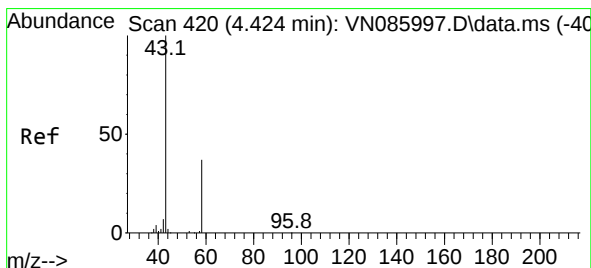
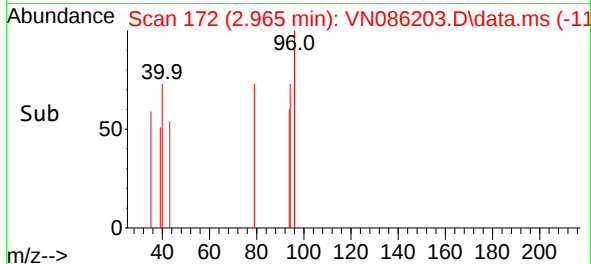
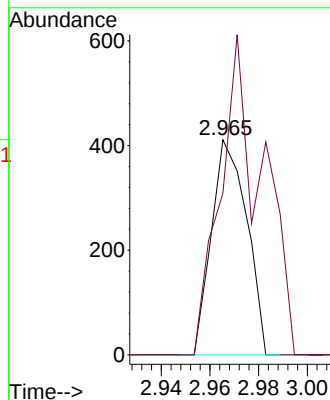
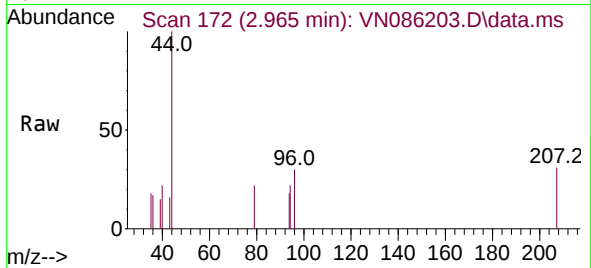




#5
Bromomethane
Concen: 0.401 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN086203.D
Acq: 02 Apr 2025 12:47

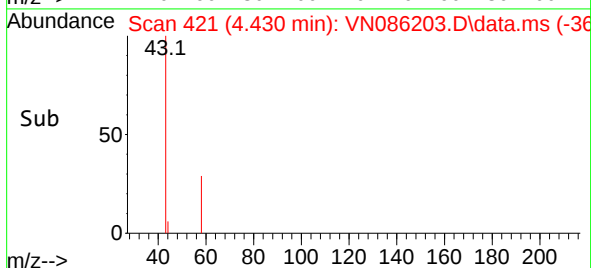
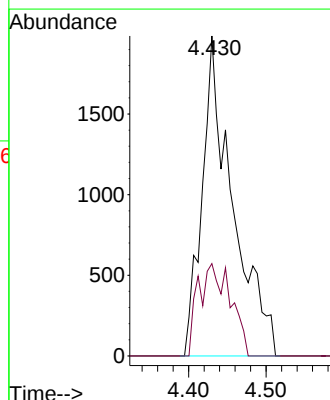
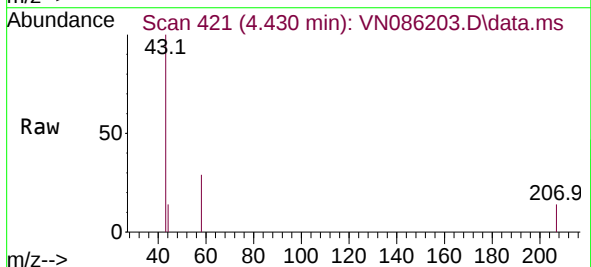
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBL01

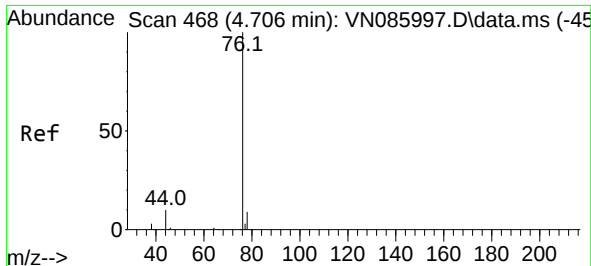
Tgt Ion: 94 Resp: 413
Ion Ratio Lower Upper
94 100
96 75.2 72.8 109.2



#16
Acetone
Concen: 10.209 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086203.D
Acq: 02 Apr 2025 12:47

Tgt Ion: 43 Resp: 5433
Ion Ratio Lower Upper
43 100
58 28.8 29.4 44.2#

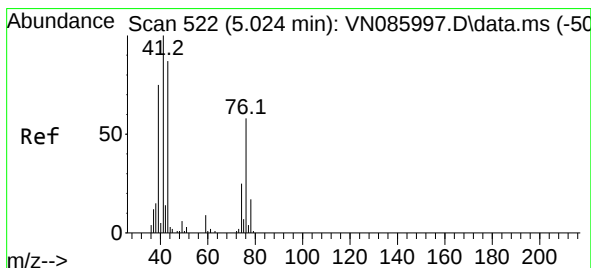
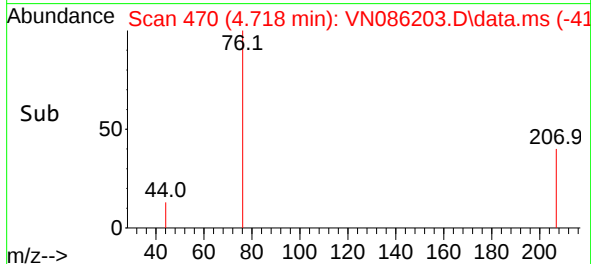
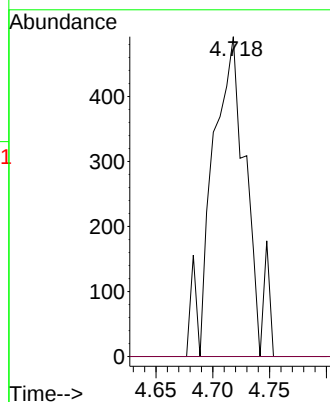
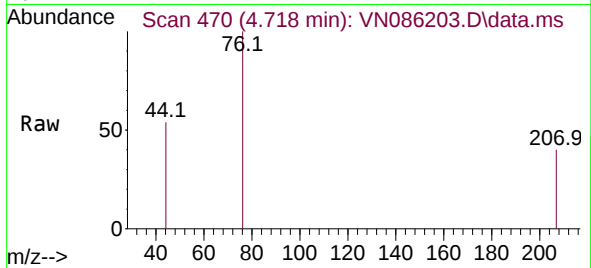




#17
Carbon Disulfide
Concen: 0.243 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN086203.D
Acq: 02 Apr 2025 12:47

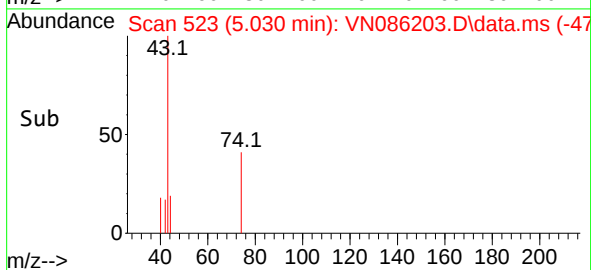
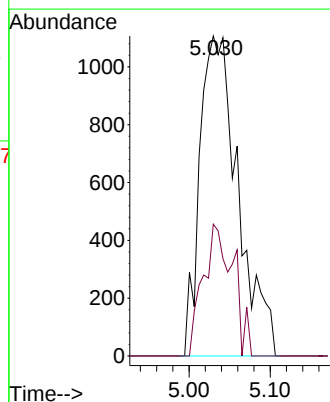
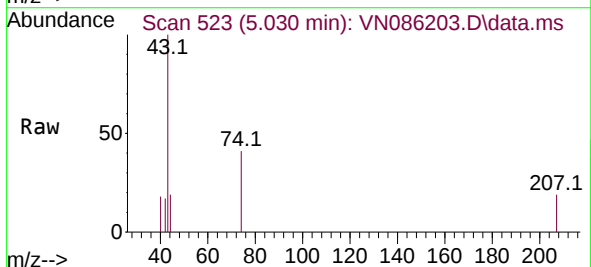
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBL01

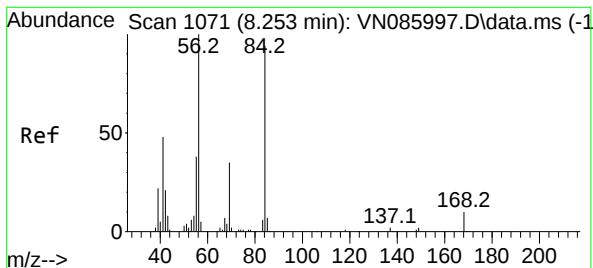
Tgt Ion: 76 Resp: 1043
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2#



#18
Methyl Acetate
Concen: 2.755 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN086203.D
Acq: 02 Apr 2025 12:47

Tgt Ion: 43 Resp: 3628
Ion Ratio Lower Upper
43 100
74 32.3 23.9 35.9





#31

Cyclohexane

Concen: 1.221 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.035 min

Lab File: VN086203.D

Acq: 02 Apr 2025 12:47

Instrument :

MSVOA_N

ClientSampleId :

VN0402WBL01

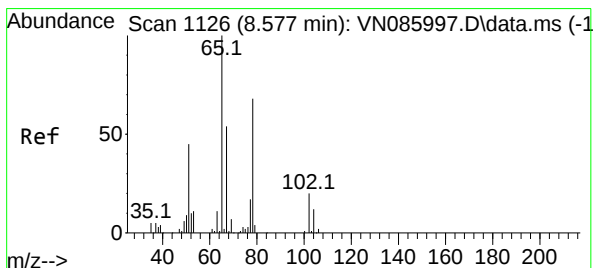
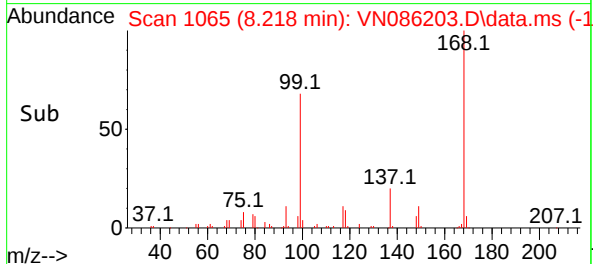
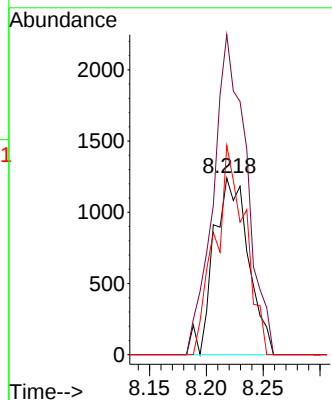
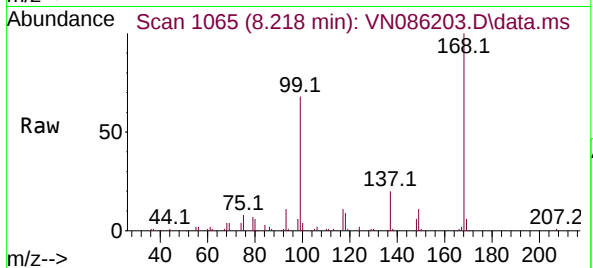
Tgt Ion: 56 Resp: 2649

Ion Ratio Lower Upper

56 100

69 181.1 28.0 42.0#

84 118.2 75.0 112.6#



#33

1,2-Dichloroethane-d4

Concen: 52.078 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086203.D

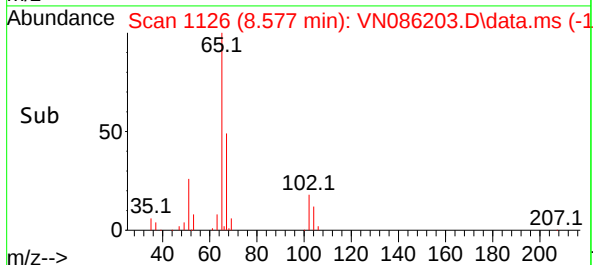
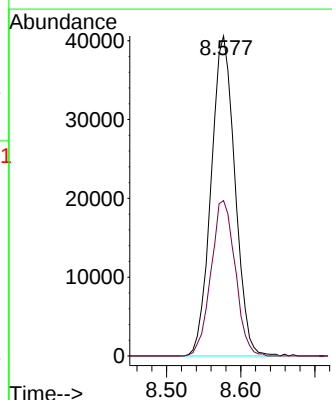
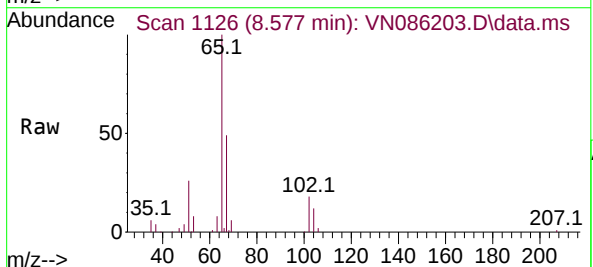
Acq: 02 Apr 2025 12:47

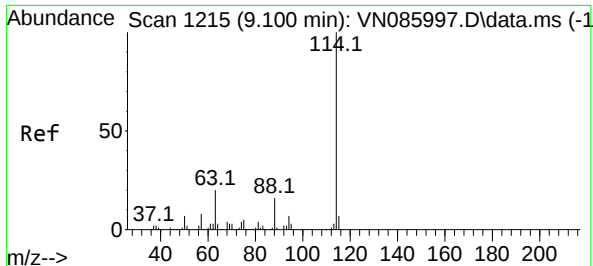
Tgt Ion: 65 Resp: 90713

Ion Ratio Lower Upper

65 100

67 49.3 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: VN086203.D

Acq: 02 Apr 2025 12:47

Instrument :

MSVOA_N

ClientSampleId :

VN0402WBL01

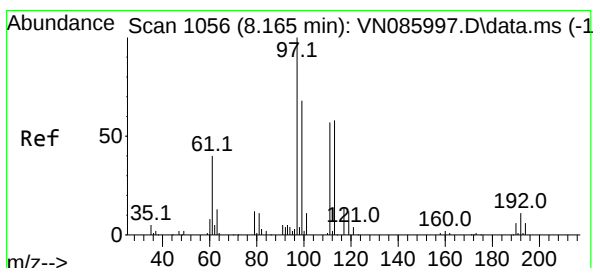
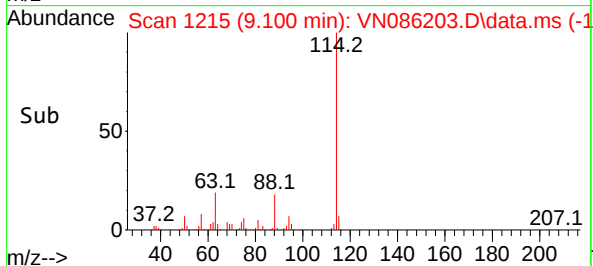
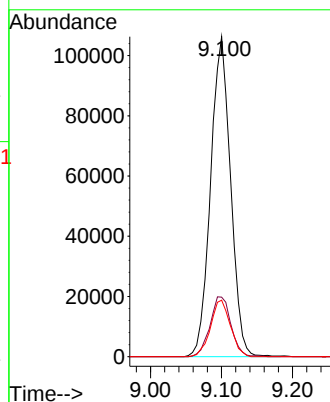
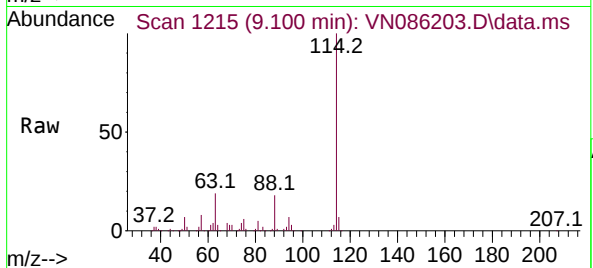
Tgt Ion:114 Resp: 207658

Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.6

88 17.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.204 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN086203.D

Acq: 02 Apr 2025 12:47

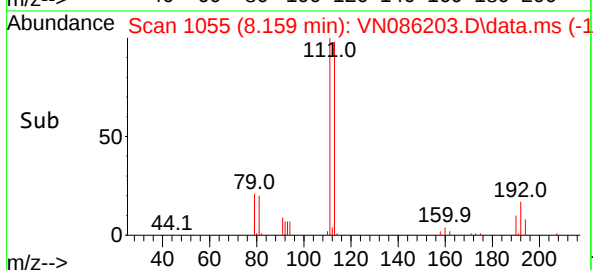
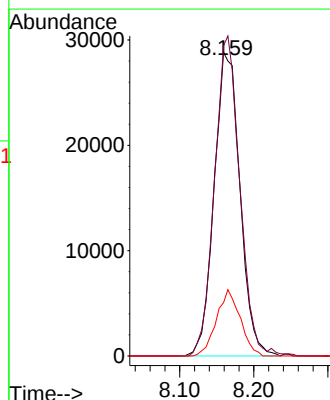
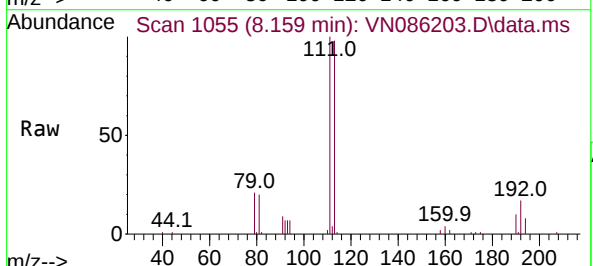
Tgt Ion:113 Resp: 69868

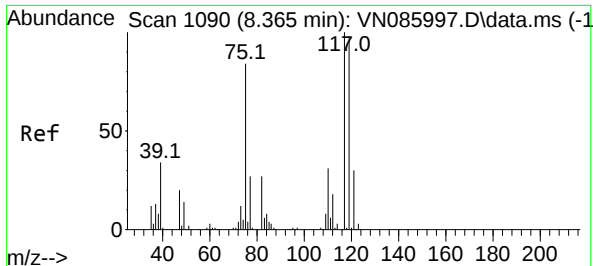
Ion Ratio Lower Upper

113 100

111 102.8 81.8 122.8

192 20.0 15.9 23.9

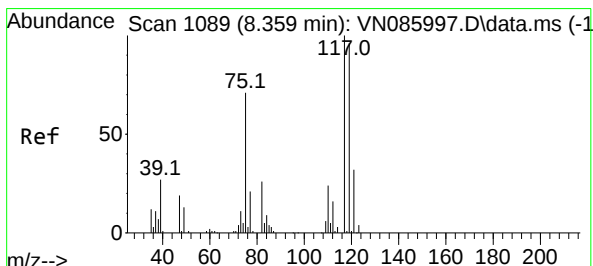
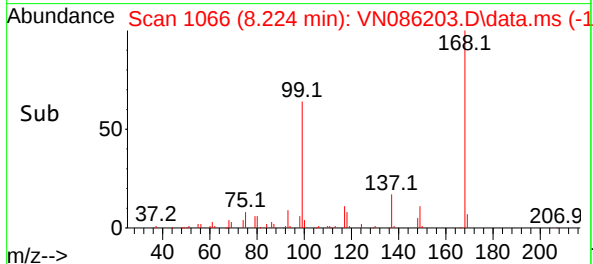
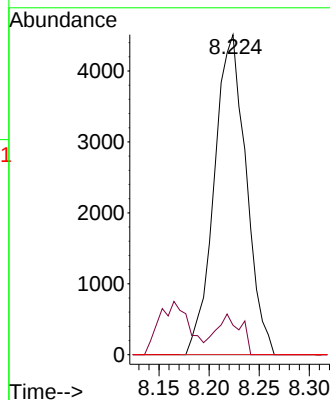
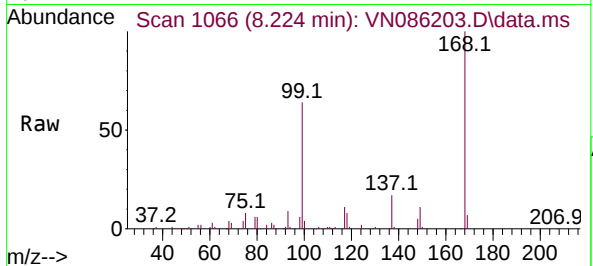




#36
1,1-Dichloropropene
Concen: 5.221 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN086203.D
Acq: 02 Apr 2025 12:47

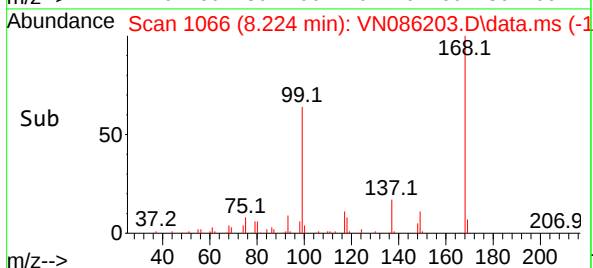
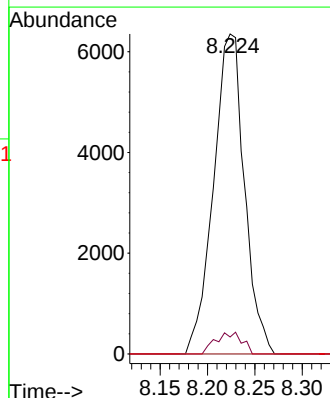
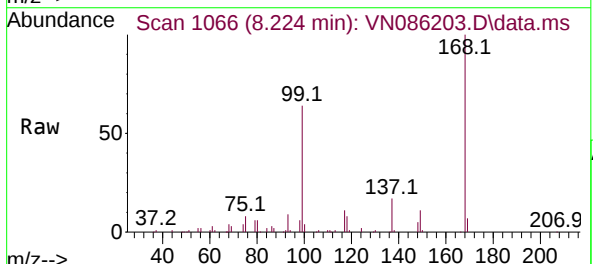
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBL01

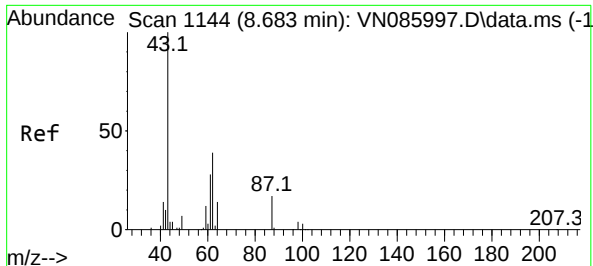
Tgt Ion: 75 Resp: 9964
Ion Ratio Lower Upper
75 100
110 10.0 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.750 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN086203.D
Acq: 02 Apr 2025 12:47

Tgt Ion: 117 Resp: 14430
Ion Ratio Lower Upper
117 100
119 5.3 77.0 115.4#
121 0.0 25.6 38.4#

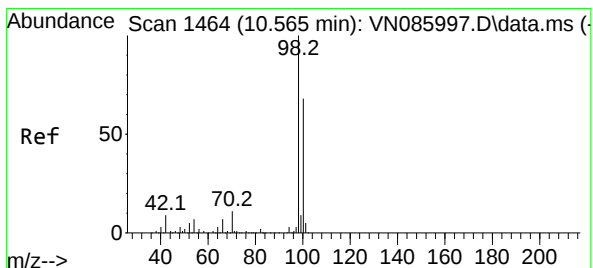
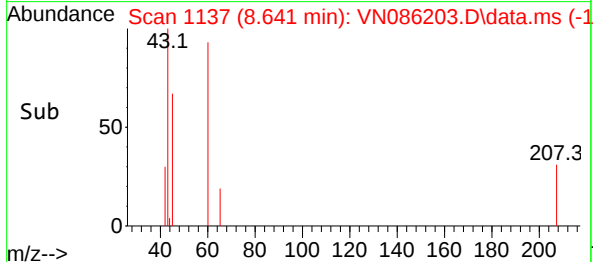
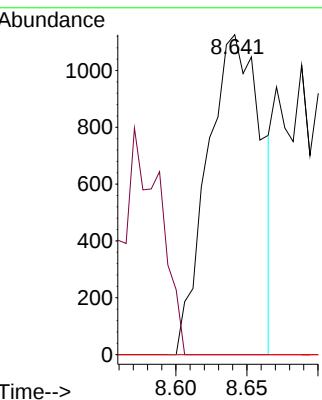
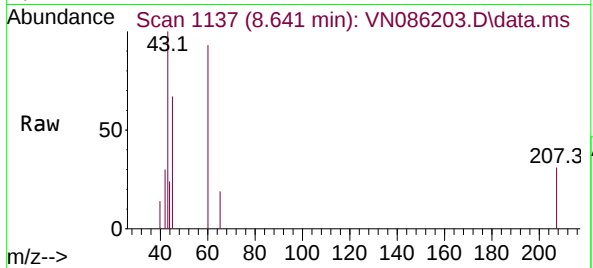




#43
Isopropyl Acetate
Concen: 0.849 ug/l
RT: 8.641 min Scan# 1144
Delta R.T. -0.041 min
Lab File: VN086203.D
Acq: 02 Apr 2025 12:47

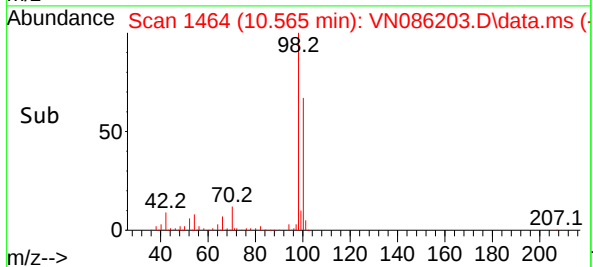
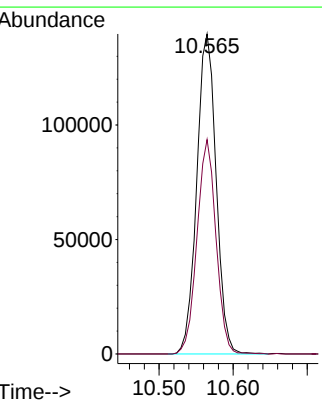
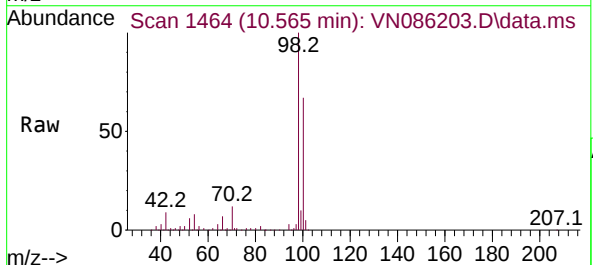
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBL01

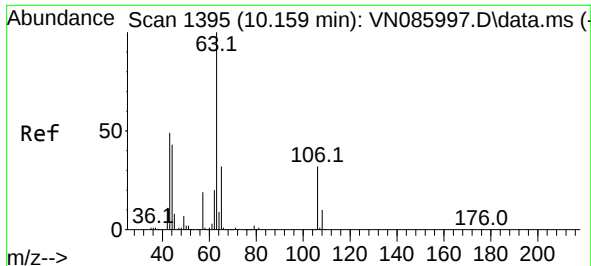
Tgt Ion	43	61	87
Resp	2961		
Ratio	100	0.0	0.0
Lower		25.0	13.0
Upper		37.6#	19.4#



#50
Toluene-d8
Concen: 48.362 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086203.D
Acq: 02 Apr 2025 12:47

Tgt Ion	98	100
Resp	254406	
Ratio	100	65.6
Lower		53.1
Upper		79.7

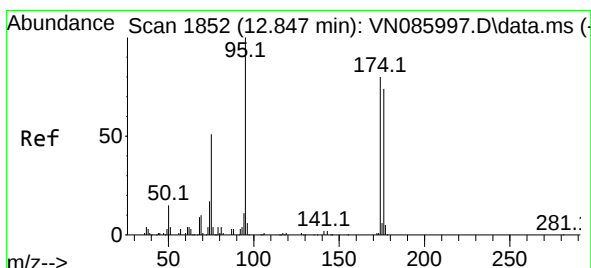
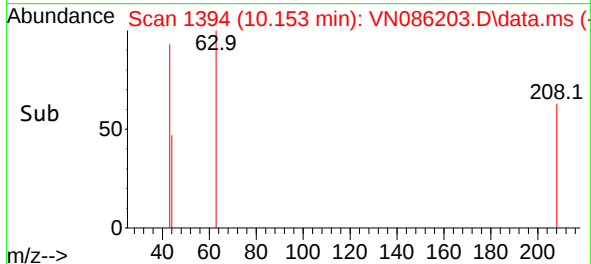
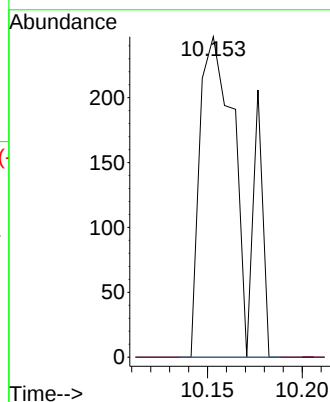
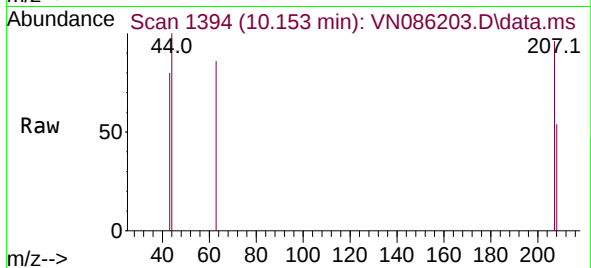




#58
2-Chloroethyl Vinyl ether
Concen: 3.994 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN086203.D
Acq: 02 Apr 2025 12:47

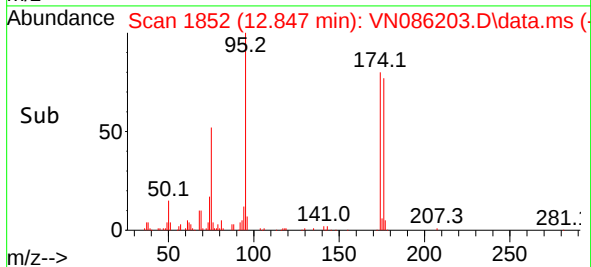
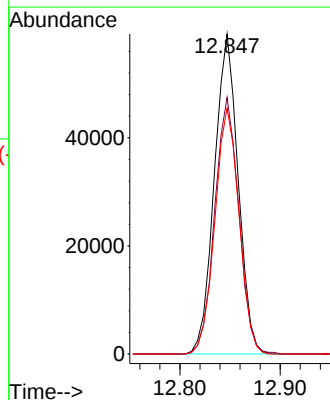
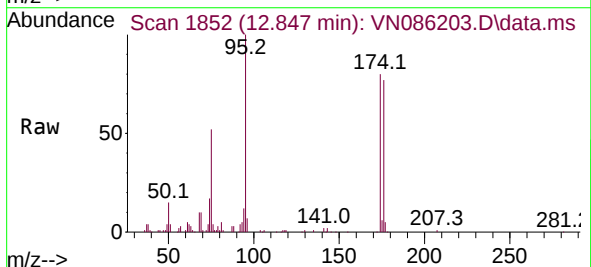
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBL01

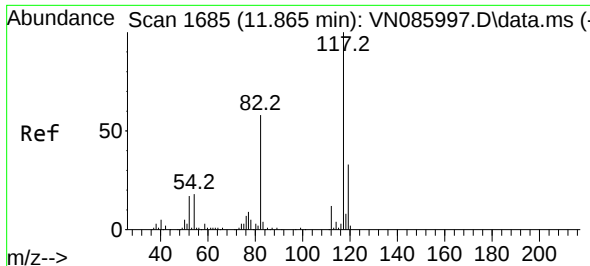
Tgt Ion: 63 Resp: 372
Ion Ratio Lower Upper
63 100
106 0.0 25.0 37.6#



#62
4-Bromofluorobenzene
Concen: 51.857 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086203.D
Acq: 02 Apr 2025 12:47

Tgt Ion: 95 Resp: 97285
Ion Ratio Lower Upper
95 100
174 81.3 0.0 156.8
176 78.2 0.0 152.2

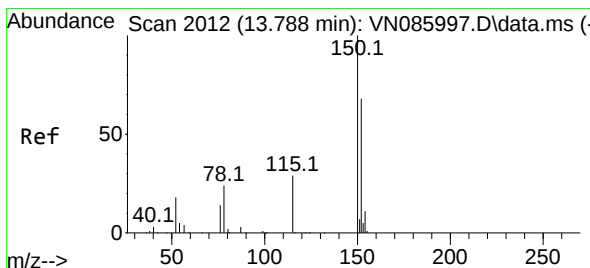
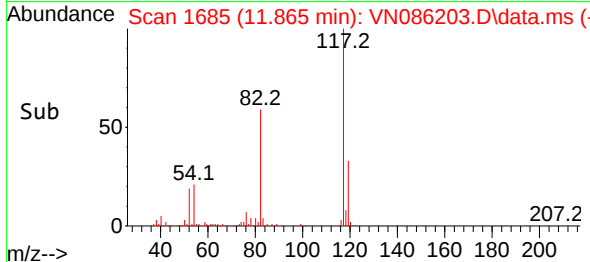
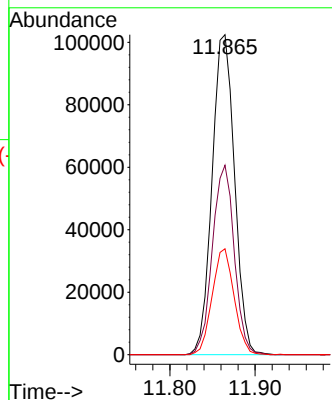
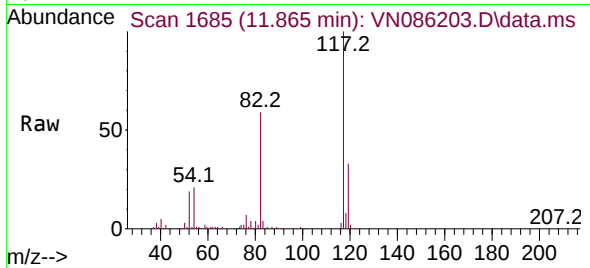




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086203.D
Acq: 02 Apr 2025 12:47

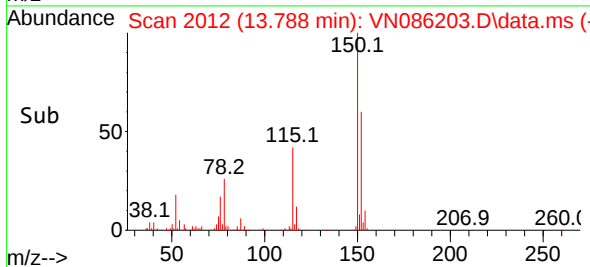
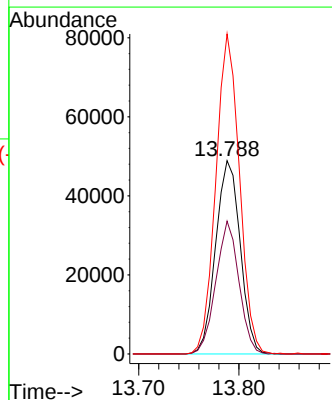
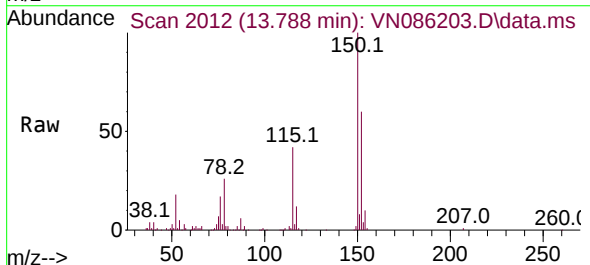
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBL01

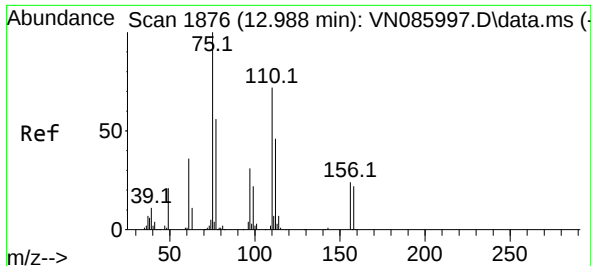
Tgt Ion:117 Resp: 187507
Ion Ratio Lower Upper
117 100
82 59.2 46.7 70.1
119 33.1 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086203.D
Acq: 02 Apr 2025 12:47

Tgt Ion:152 Resp: 83047
Ion Ratio Lower Upper
152 100
115 64.7 31.1 93.2
150 159.5 0.0 359.6

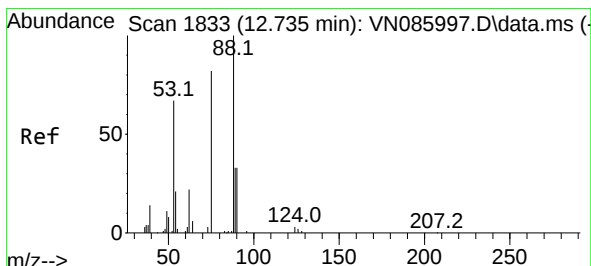
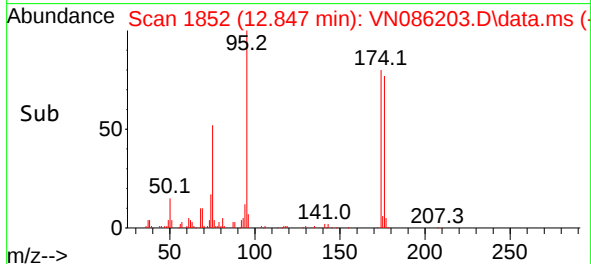
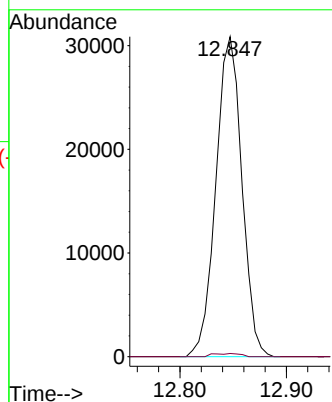
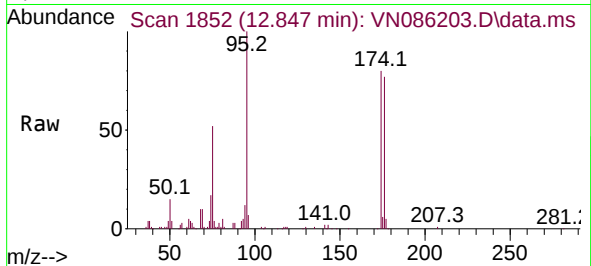




#76
1,2,3-Trichloropropane
Concen: 28.138 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN086203.D
Acq: 02 Apr 2025 12:47

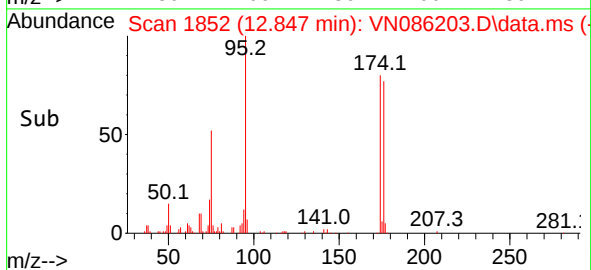
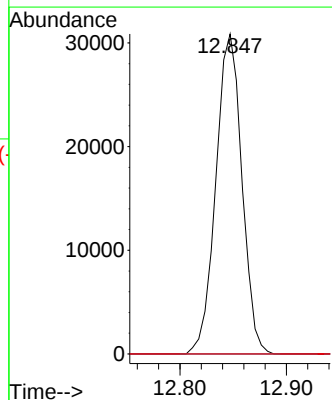
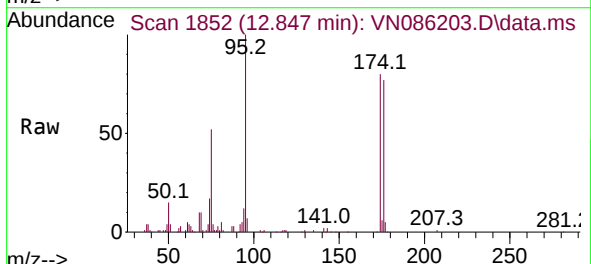
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBL01

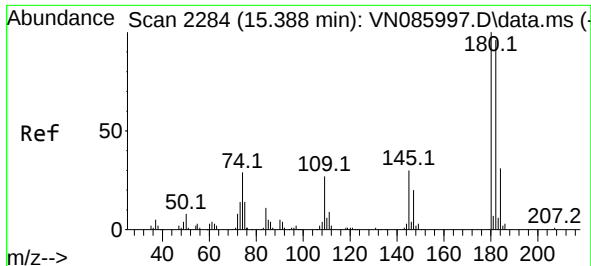
Tgt Ion: 75 Resp: 52316
Ion Ratio Lower Upper
75 100
77 0.5 83.7 251.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.392 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086203.D
Acq: 02 Apr 2025 12:47

Tgt Ion: 75 Resp: 52316
Ion Ratio Lower Upper
75 100
53 0.0 66.0 99.0#
89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.323 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN086203.D

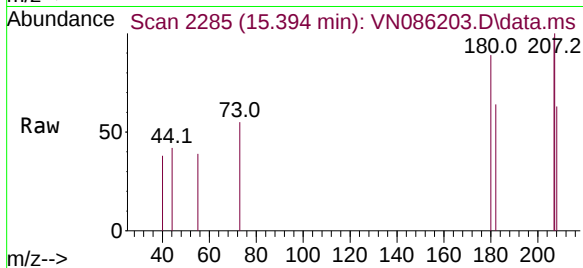
Acq: 02 Apr 2025 12:47

Instrument :

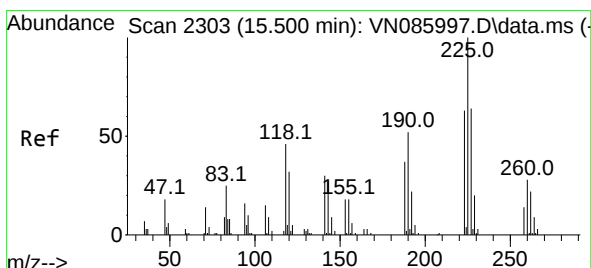
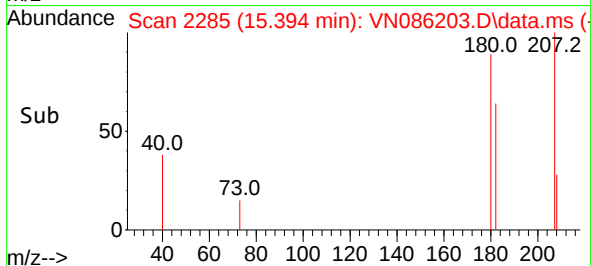
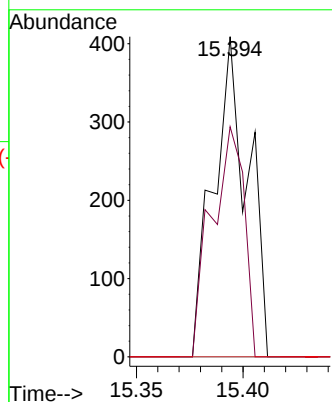
MSVOA_N

ClientSampleId :

VN0402WBL01



Tgt Ion:	180	Resp:	460
Ion	Ratio	Lower	Upper
180	100		
182	68.0	47.0	141.0
145	0.0	15.5	46.5#



#94

Hexachlorobutadiene

Concen: 0.601 ug/l

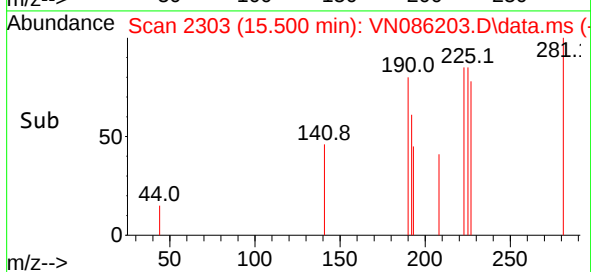
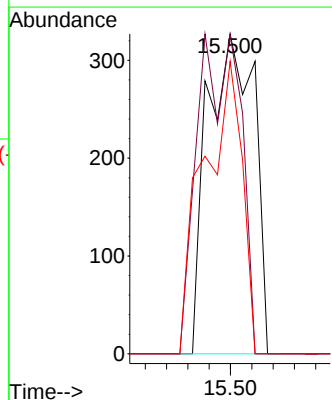
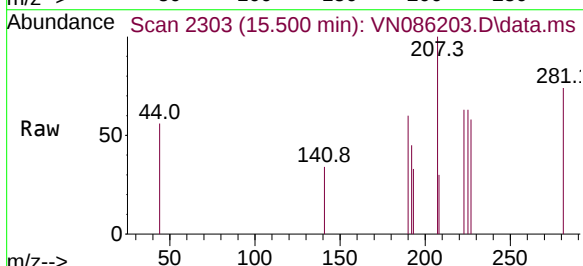
RT: 15.500 min Scan# 2303

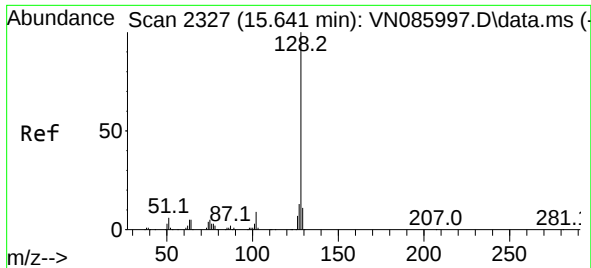
Delta R.T. -0.000 min

Lab File: VN086203.D

Acq: 02 Apr 2025 12:47

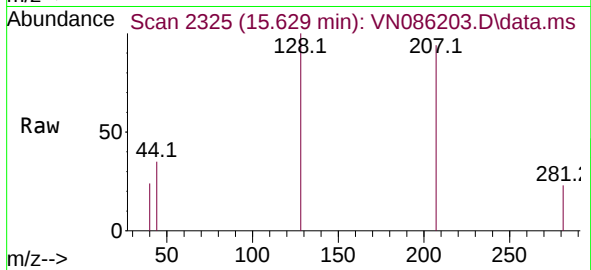
Tgt Ion:	225	Resp:	497
Ion	Ratio	Lower	Upper
225	100		
223	92.4	31.3	93.9
227	75.5	32.1	96.3





#95
Naphthalene
Concen: 0.375 ug/l
RT: 15.629 min Scan# 21
Delta R.T. -0.012 min
Lab File: VN086203.D
Acq: 02 Apr 2025 12:47

Instrument :
MSVOA_N
ClientSampleId :
VN0402WBL01



Tgt Ion:	128	Resp:	1549
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	4.2	9.0	13.6#

