

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032525\
 Data File : VN086092.D
 Acq On : 25 Mar 2025 11:26
 Operator : JC\MD
 Sample : VN0325WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0325WBL01

Quant Time: Mar 26 03:14:17 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

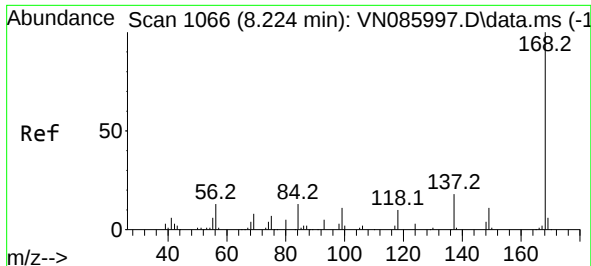
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	201384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	370671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	325680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	130926	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	148116	53.711	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.420%			
35) Dibromofluoromethane	8.165	113	130697	50.516	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.040%			
50) Toluene-d8	10.565	98	447092	47.614	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.220%			
62) 4-Bromofluorobenzene	12.847	95	144141	43.044	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 86.080%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	708	0.303	ug/l #	51
5) Bromomethane	2.971	94	633	0.389	ug/l #	64
17) Carbon Disulfide	4.706	76	1433	0.211	ug/l #	74
31) Cyclohexane	8.230	56	4332	1.261	ug/l #	44
36) 1,1-Dichloropropene	8.224	75	16425	4.821	ug/l #	48
38) Carbon Tetrachloride	8.224	117	21468	4.793	ug/l #	17
43) Isopropyl Acetate	8.677	43	3732	0.599	ug/l #	50
58) 2-Chloroethyl Vinyl ether	10.153	63	818	4.120	ug/l #	43
76) 1,2,3-Trichloropropane	12.847	75	71677	24.453	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	71677	64.650	ug/l #	16
94) Hexachlorobutadiene	15.494	225	571	0.438	ug/l	82
95) Naphthalene	15.641	128	2111	0.325	ug/l #	72

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

Quant Time: Mar 26 03:14:17 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

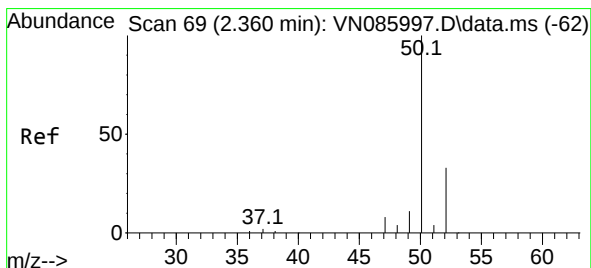
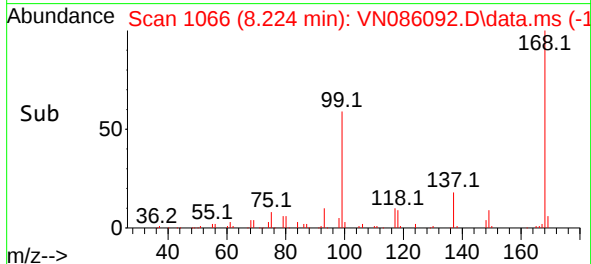
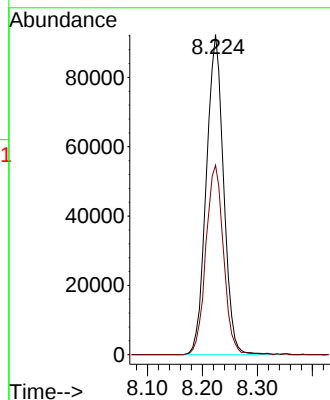
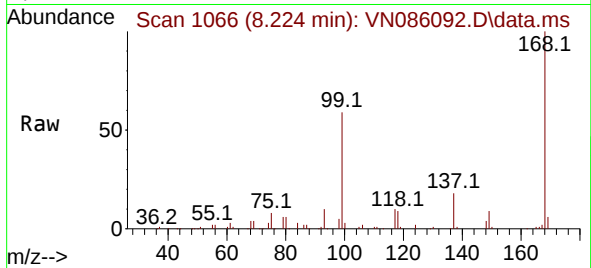




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086092.D
Acq: 25 Mar 2025 11:26

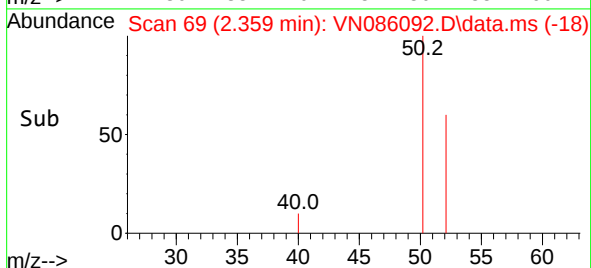
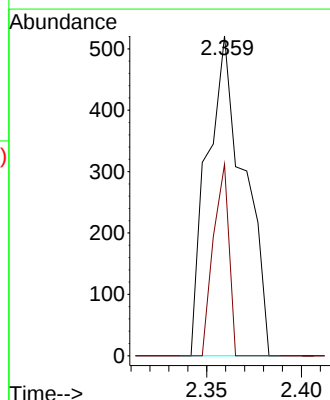
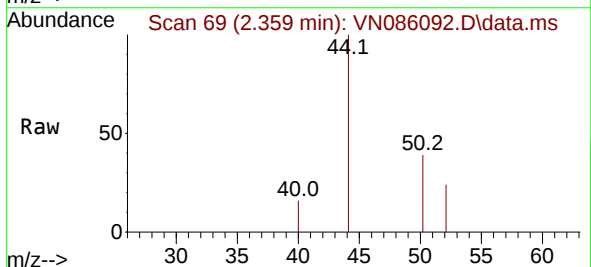
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBL01

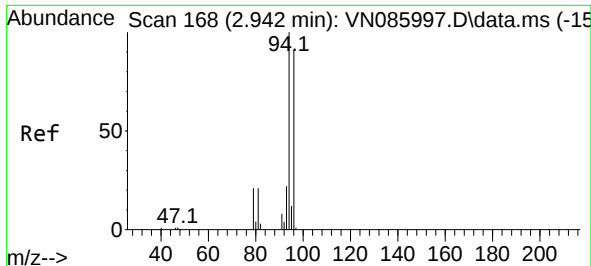
Tgt Ion:168 Resp: 201384
Ion Ratio Lower Upper
168 100
99 59.2 49.4 74.2



#3
Chloromethane
Concen: 0.303 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086092.D
Acq: 25 Mar 2025 11:26

Tgt Ion: 50 Resp: 708
Ion Ratio Lower Upper
50 100
52 59.9 26.0 39.0#

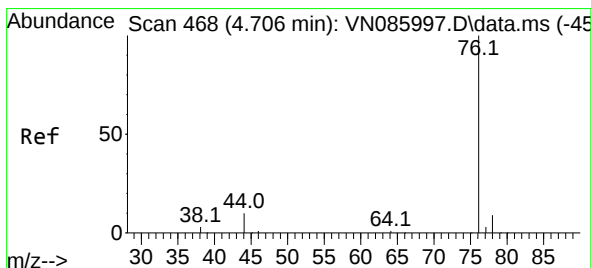
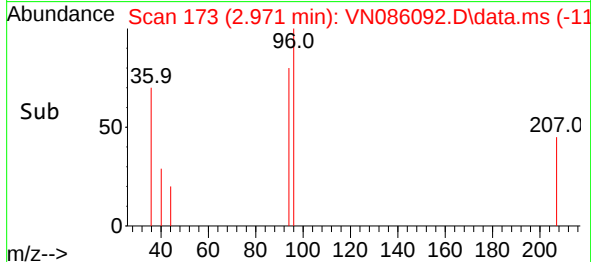
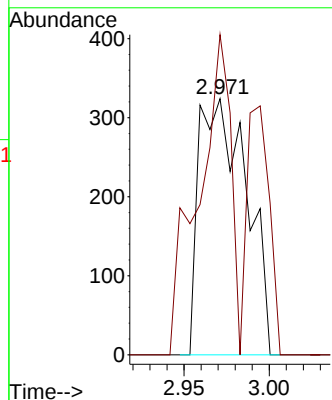
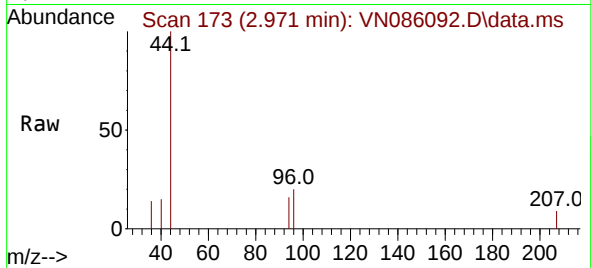




#5
Bromomethane
Concen: 0.389 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN086092.D
Acq: 25 Mar 2025 11:26

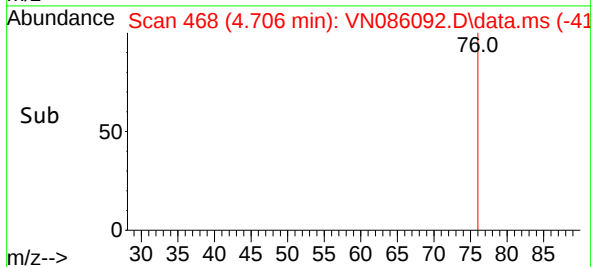
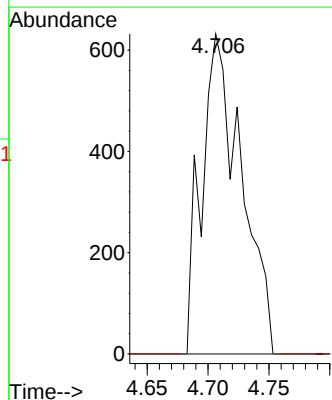
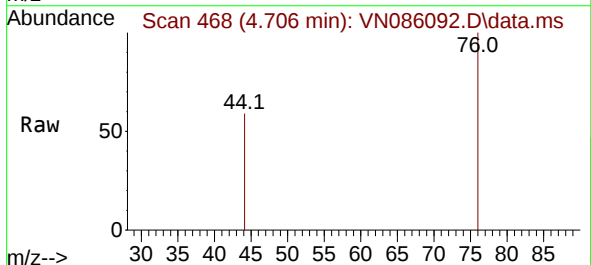
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBL01

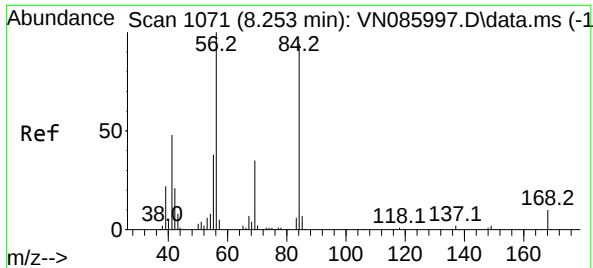
Tgt Ion: 94 Resp: 633
Ion Ratio Lower Upper
94 100
96 125.0 72.8 109.2#



#17
Carbon Disulfide
Concen: 0.211 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN086092.D
Acq: 25 Mar 2025 11:26

Tgt Ion: 76 Resp: 1433
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2#

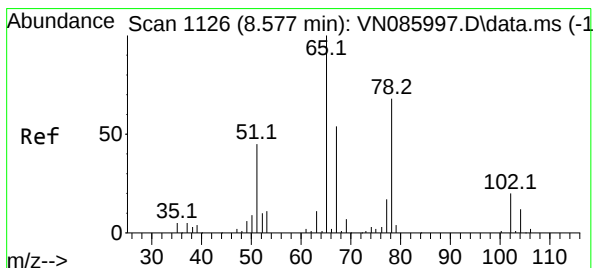
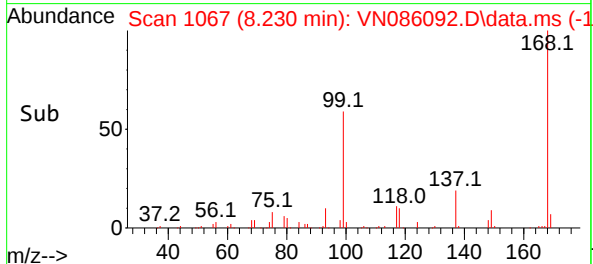
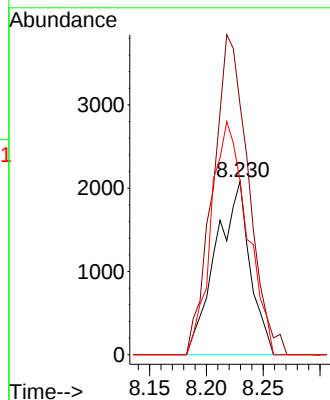
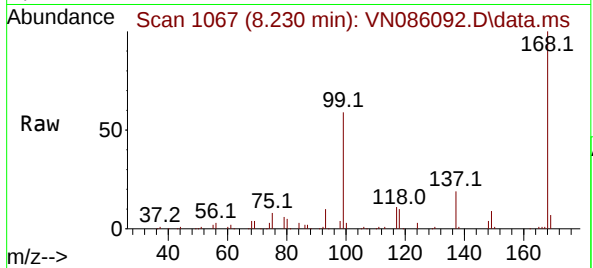




#31
Cyclohexane
Concen: 1.261 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.024 min
Lab File: VN086092.D
Acq: 25 Mar 2025 11:26

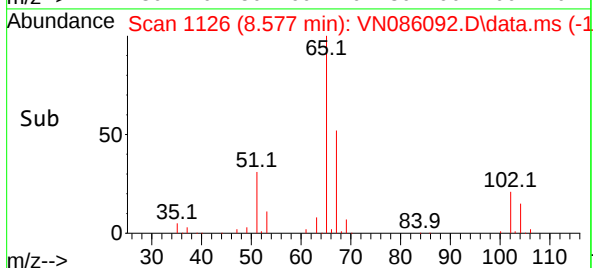
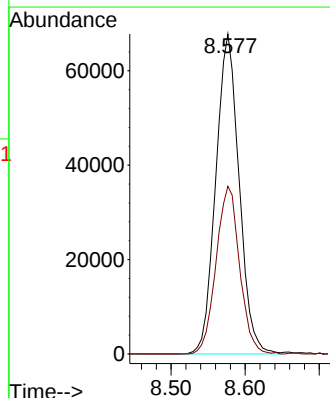
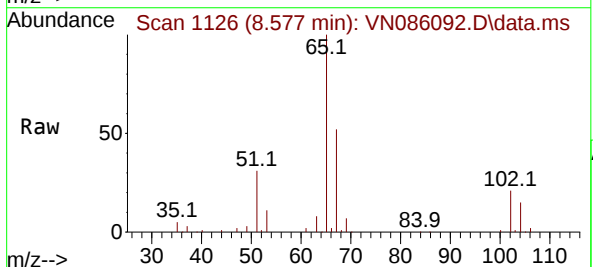
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBL01

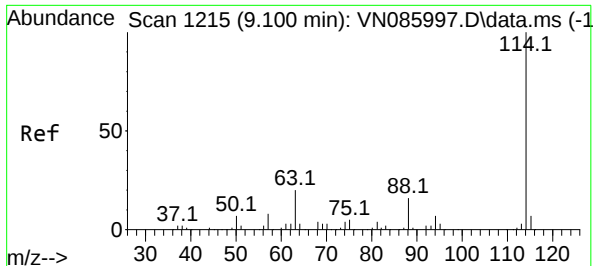
Tgt Ion: 56 Resp: 4332
Ion Ratio Lower Upper
56 100
69 144.4 28.0 42.0#
84 100.7 75.0 112.6



#33
1,2-Dichloroethane-d4
Concen: 53.711 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086092.D
Acq: 25 Mar 2025 11:26

Tgt Ion: 65 Resp: 148116
Ion Ratio Lower Upper
65 100
67 52.8 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086092.D

Acq: 25 Mar 2025 11:26

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBL01

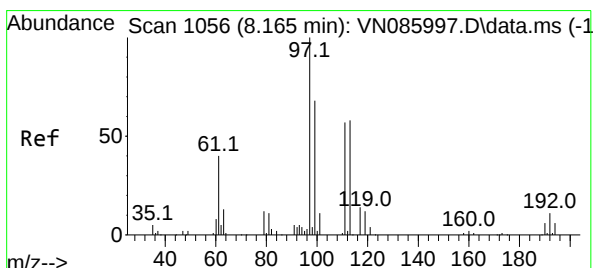
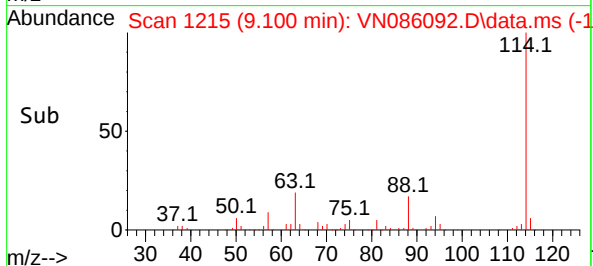
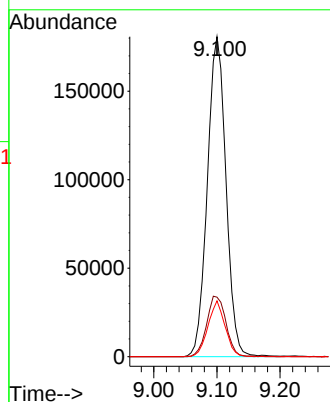
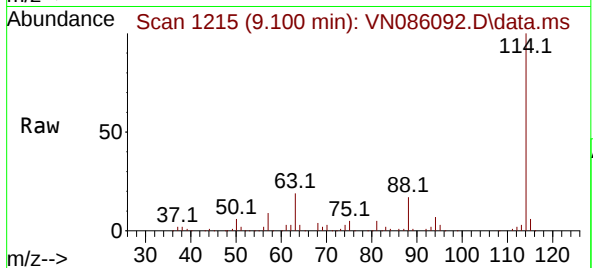
Tgt Ion:114 Resp: 370671

Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.6

88 17.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.516 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086092.D

Acq: 25 Mar 2025 11:26

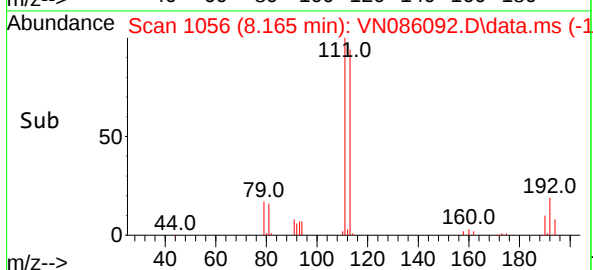
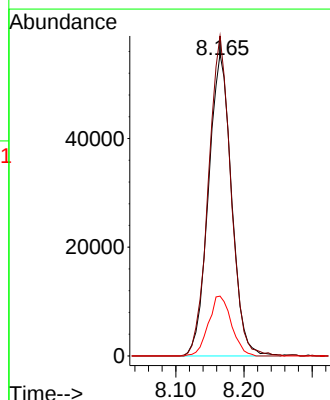
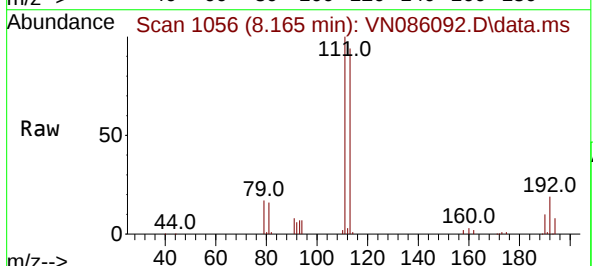
Tgt Ion:113 Resp: 130697

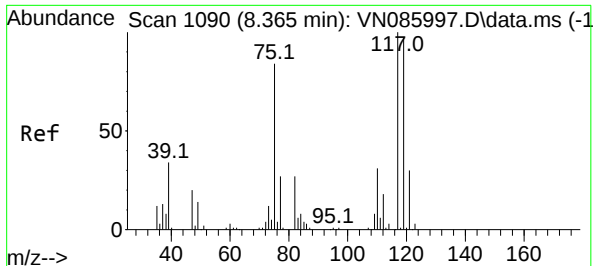
Ion Ratio Lower Upper

113 100

111 103.1 81.8 122.8

192 19.7 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.821 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN086092.D

Acq: 25 Mar 2025 11:26

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBL01

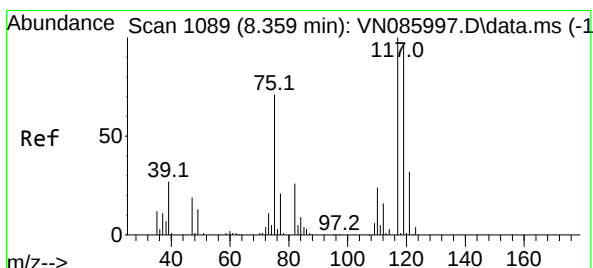
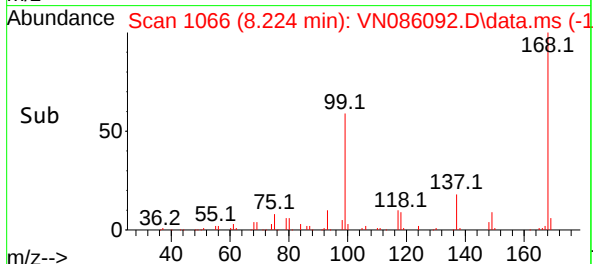
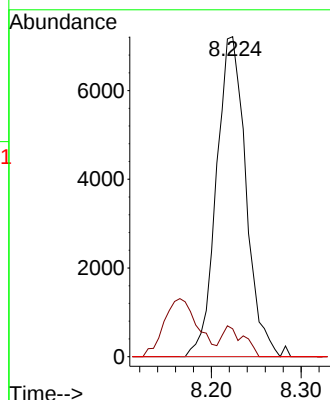
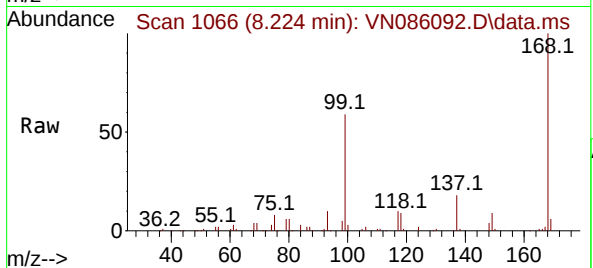
Tgt Ion: 75 Resp: 16425

Ion Ratio Lower Upper

75 100

110 7.0 17.8 53.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 4.793 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN086092.D

Acq: 25 Mar 2025 11:26

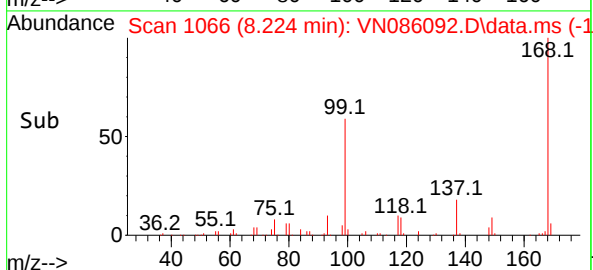
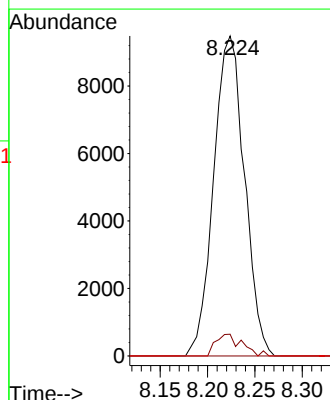
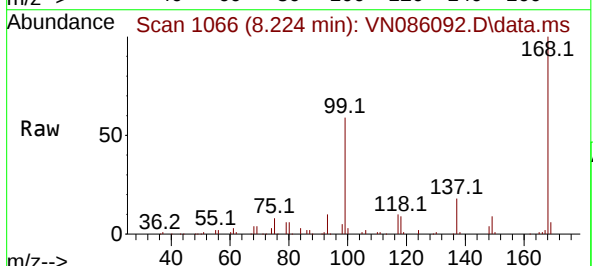
Tgt Ion: 117 Resp: 21468

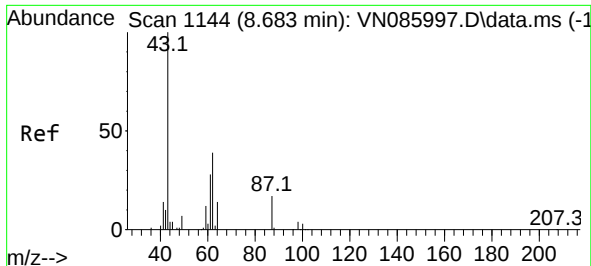
Ion Ratio Lower Upper

117 100

119 6.8 77.0 115.4#

121 0.0 25.6 38.4#

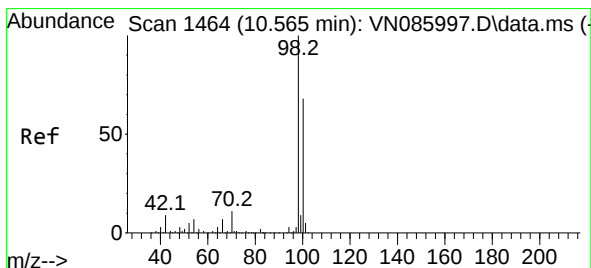
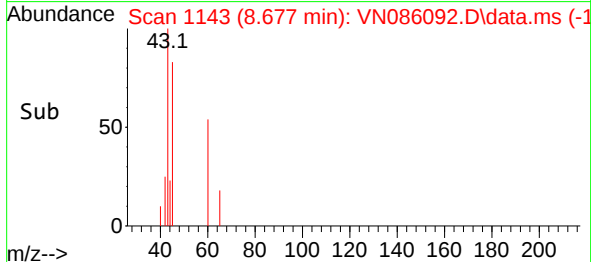
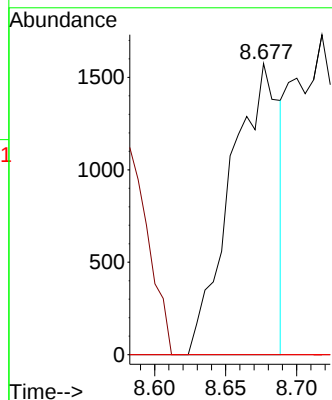
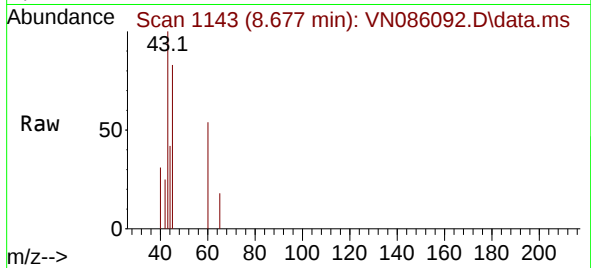




#43
Isopropyl Acetate
Concen: 0.599 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.006 min
Lab File: VN086092.D
Acq: 25 Mar 2025 11:26

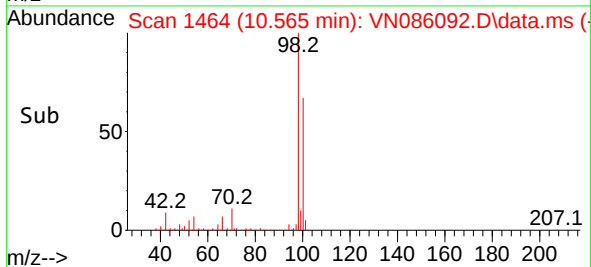
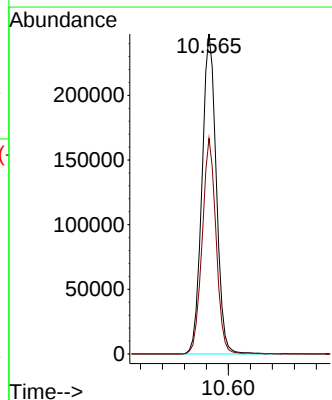
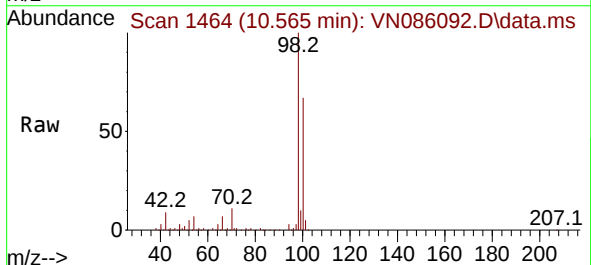
Instrument :
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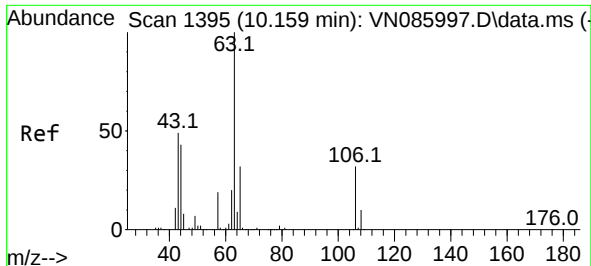
Tgt Ion: 43 Resp: 3732
Ion Ratio Lower Upper
43 100
61 0.0 25.0 37.6#
87 0.0 13.0 19.4#



#50
Toluene-d8
Concen: 47.614 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086092.D
Acq: 25 Mar 2025 11:26

Tgt Ion: 98 Resp: 447092
Ion Ratio Lower Upper
98 100
100 65.1 53.1 79.7

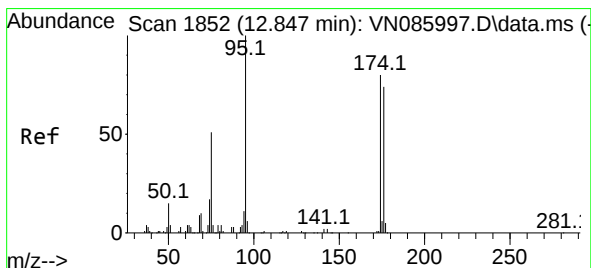
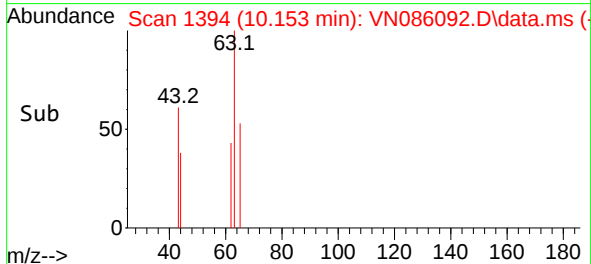
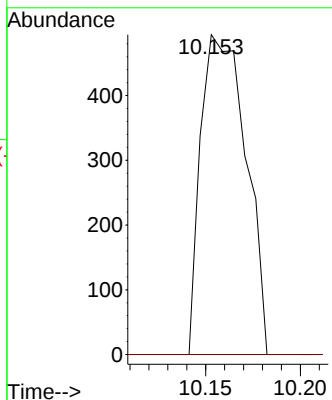
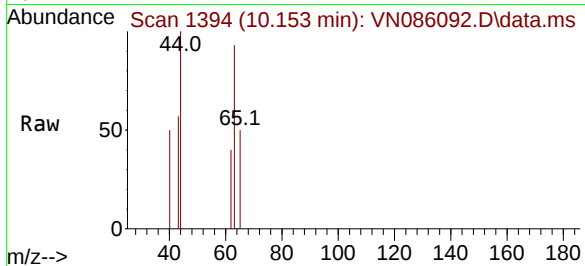




#58
2-Chloroethyl Vinyl ether
Concen: 4.120 ug/l
RT: 10.153 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086092.D
Acq: 25 Mar 2025 11:26

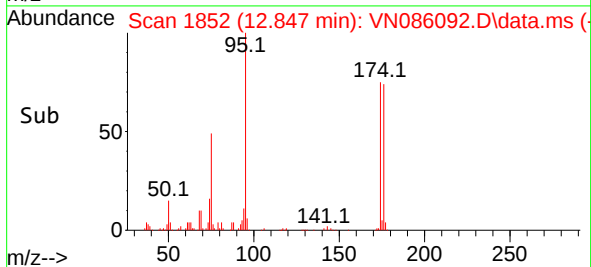
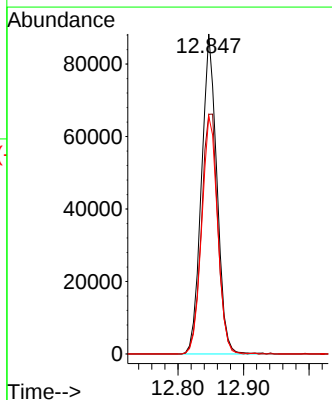
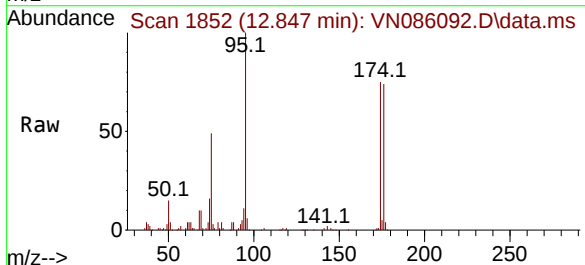
Instrument :
MSVOA_N
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VN0325WBL01

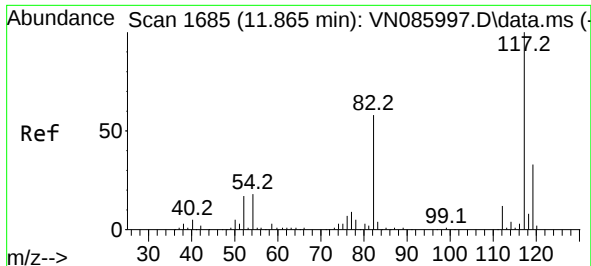
Tgt Ion: 63 Resp: 818
Ion Ratio Lower Upper
63 100
106 0.0 25.0 37.6#



#62
4-Bromofluorobenzene
Concen: 43.044 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086092.D
Acq: 25 Mar 2025 11:26

Tgt Ion: 95 Resp: 144141
Ion Ratio Lower Upper
95 100
174 80.3 0.0 156.8
176 76.3 0.0 152.2

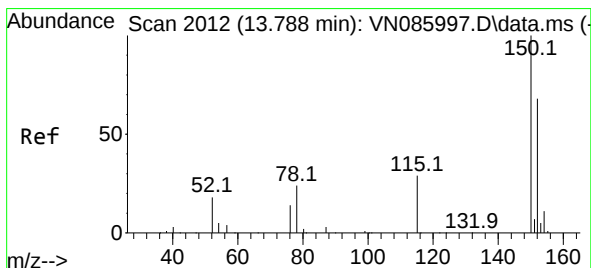
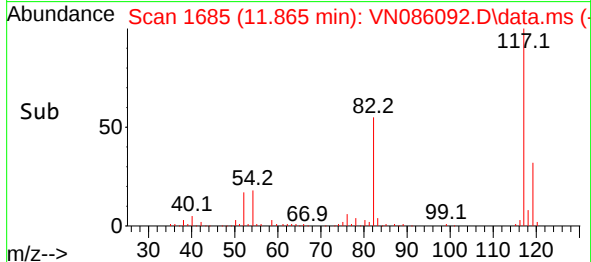
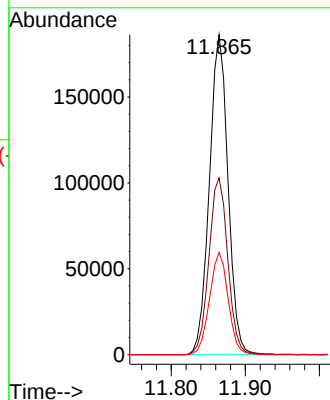
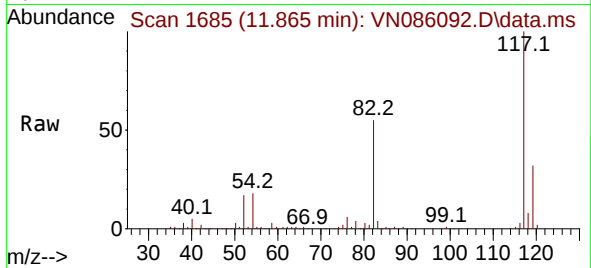




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086092.D
Acq: 25 Mar 2025 11:26

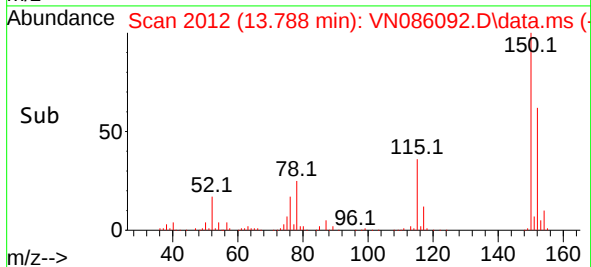
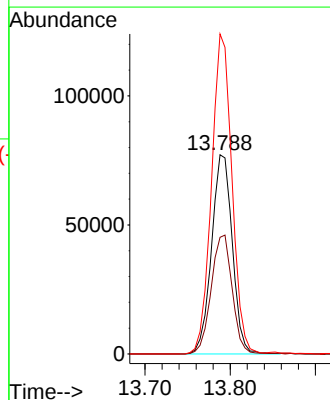
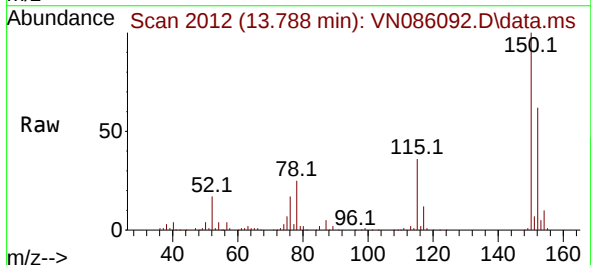
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBL01

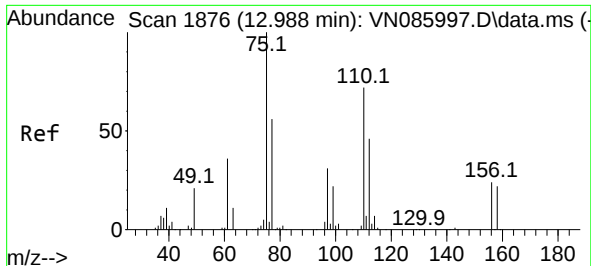
Tgt Ion:117 Resp: 325680
Ion Ratio Lower Upper
117 100
82 55.2 46.7 70.1
119 31.9 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086092.D
Acq: 25 Mar 2025 11:26

Tgt Ion:152 Resp: 130926
Ion Ratio Lower Upper
152 100
115 60.4 31.1 93.2
150 157.9 0.0 359.6

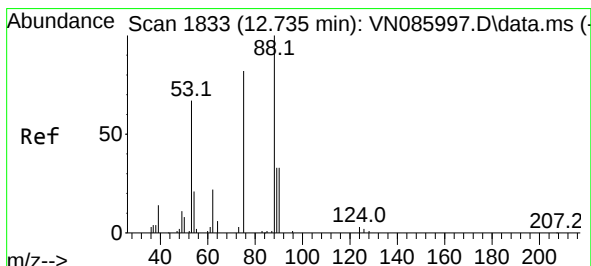
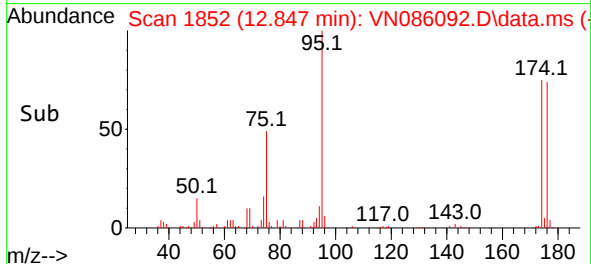
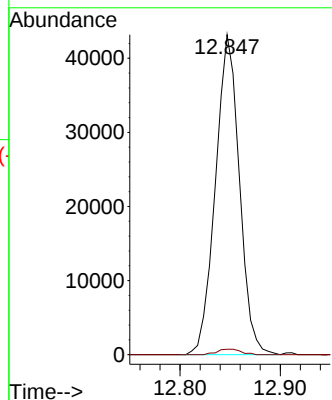
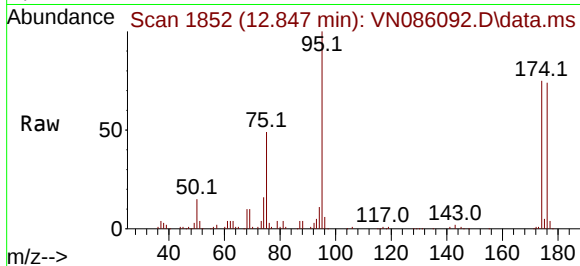




#76
1,2,3-Trichloropropane
Concen: 24.453 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN086092.D
Acq: 25 Mar 2025 11:26

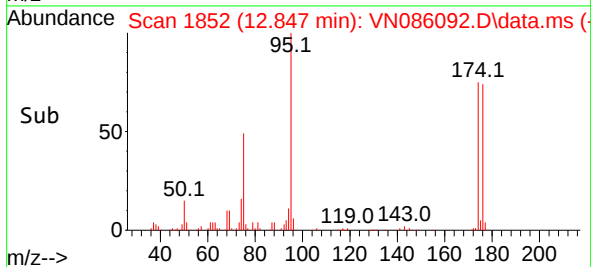
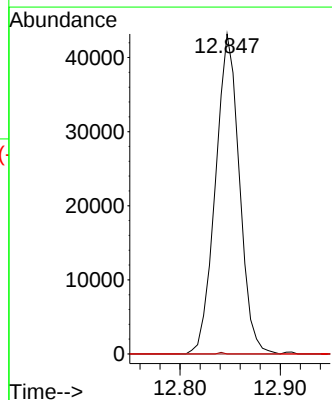
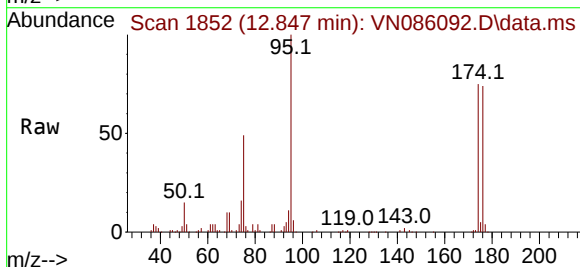
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBL01

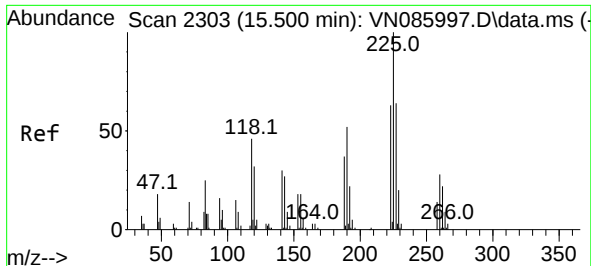
Tgt Ion: 75 Resp: 71677
Ion Ratio Lower Upper
75 100
77 1.7 83.7 251.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.650 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086092.D
Acq: 25 Mar 2025 11:26

Tgt Ion: 75 Resp: 71677
Ion Ratio Lower Upper
75 100
53 0.1 66.0 99.0#
89 0.0 36.9 55.3#

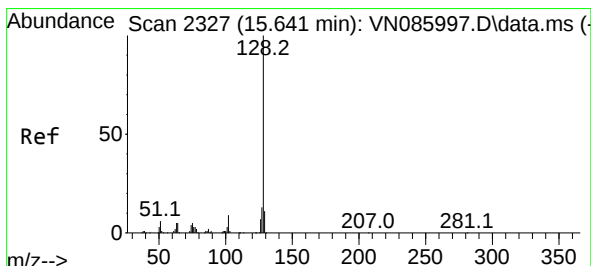
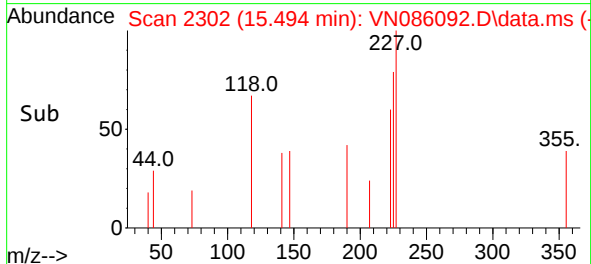
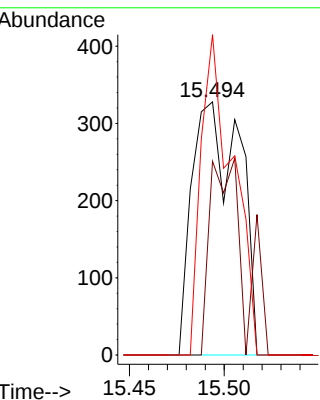
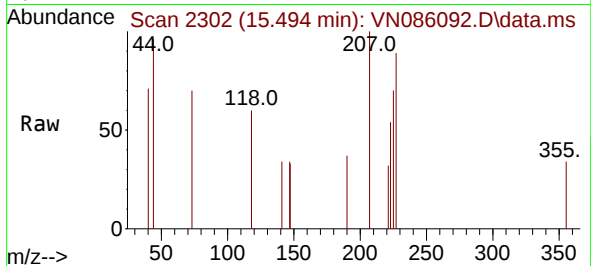




#94
Hexachlorobutadiene
Concen: 0.438 ug/l
RT: 15.494 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN086092.D
Acq: 25 Mar 2025 11:26

Instrument :
MSVOA_N
ClientSampleId :
VN0325WBL01

Tgt Ion:	225	Resp:	571
Ion	Ratio	Lower	Upper
225	100		
223	55.5	31.3	93.9
227	84.8	32.1	96.3



#95
Naphthalene
Concen: 0.325 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN086092.D
Acq: 25 Mar 2025 11:26

Tgt Ion:	128	Resp:	2111
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	2.6	9.0	13.6#

