

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081224\
 Data File : VN083226.D
 Acq On : 12 Aug 2024 10:22
 Operator : JC\MD
 Sample : VN0812MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

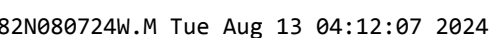
Quant Time: Aug 13 04:11:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

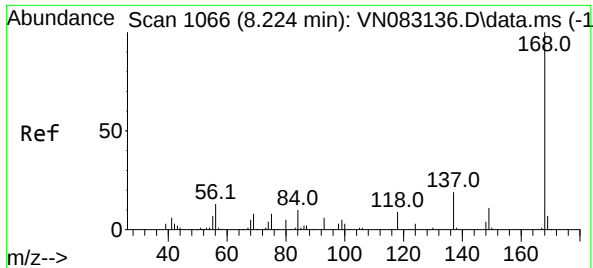
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	125656	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	241681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	248082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	107400	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	106913	59.776	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 119.560%		
35) Dibromofluoromethane	8.165	113	82715	54.832	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 109.660%		
50) Toluene-d8	10.565	98	317346	56.396	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 112.800%		
62) 4-Bromofluorobenzene	12.847	95	128225	58.449	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 116.900%		
Target Compounds						
					Qvalue	
13) Acrolein	4.177	56	64	0.264	ug/l #	77
16) Acetone	4.453	43	494	0.706	ug/l #	48
17) Carbon Disulfide	4.712	76	2103	0.516	ug/l #	75
31) Cyclohexane	8.218	56	3231	1.219	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	11229	4.921	ug/l #	52
38) Carbon Tetrachloride	8.224	117	14577	5.671	ug/l #	18
43) Isopropyl Acetate	8.688	43	4236	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1753	0.726	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	70848	30.056	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	70848	65.380	ug/l #	6
89) n-Butylbenzene	14.059	91	2049	0.315	ug/l	85
93) 1,2,4-Trichlorobenzene	15.400	180	1060	0.521	ug/l	99
94) Hexachlorobutadiene	15.500	225	727	0.803	ug/l	93
95) Naphthalene	15.641	128	4773	0.662	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.841	180	1321	0.656	ug/l	90

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

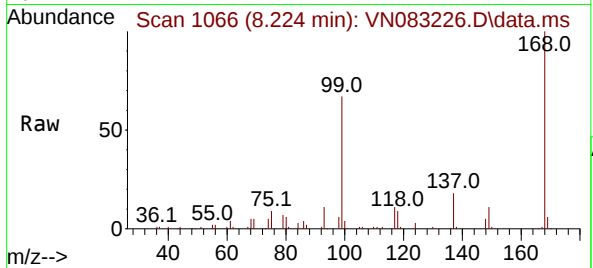
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



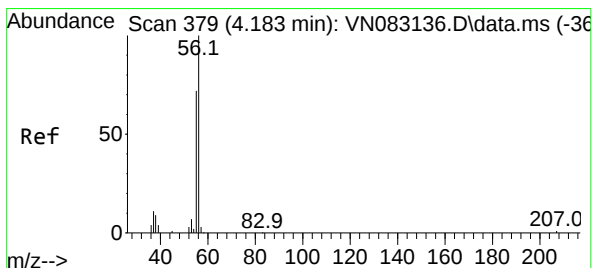
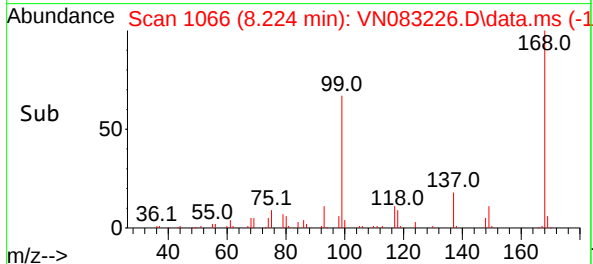
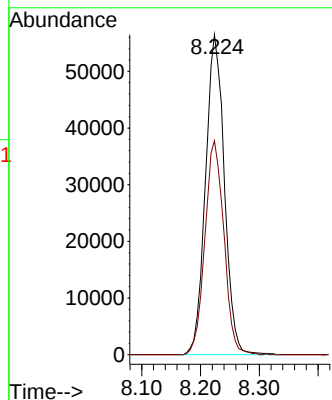


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083226.D
Acq: 12 Aug 2024 10:22

Instrument :
MSVOA_N
ClientSampleId :

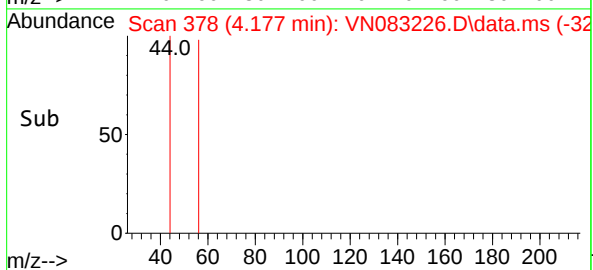
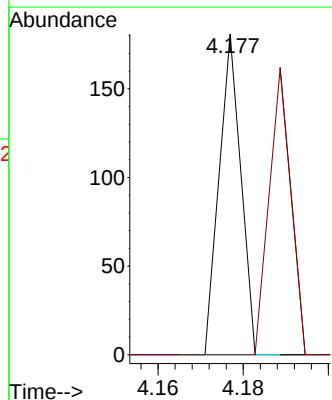
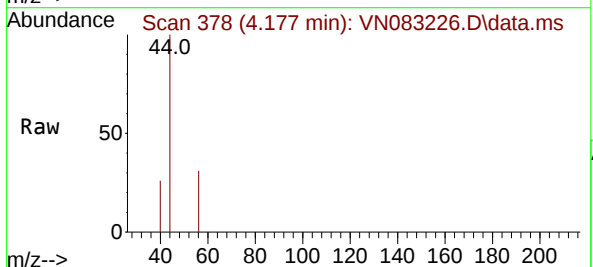


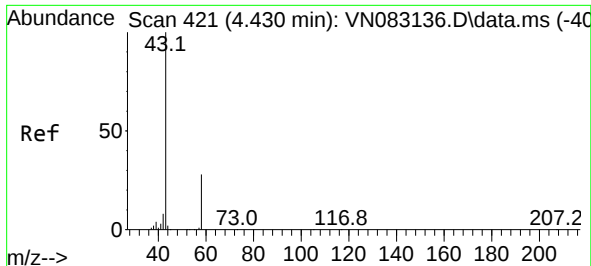
Tgt Ion:168 Resp: 125656
Ion Ratio Lower Upper
168 100
99 66.8 48.2 72.4



#13
Acrolein
Concen: 0.264 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.006 min
Lab File: VN083226.D
Acq: 12 Aug 2024 10:22

Tgt Ion: 56 Resp: 64
Ion Ratio Lower Upper
56 100
55 89.1 56.4 84.6#

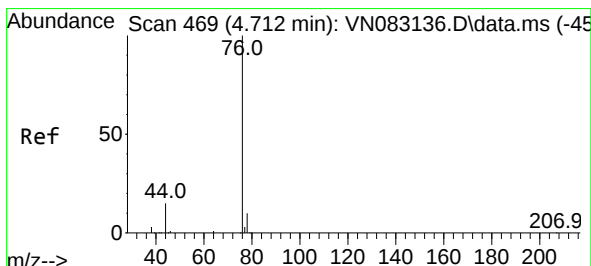
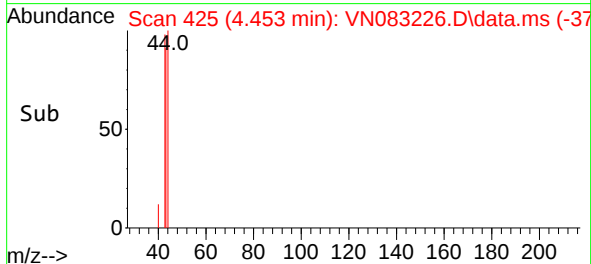
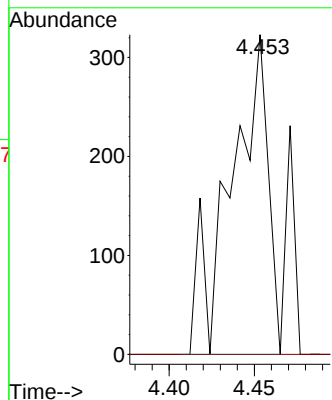
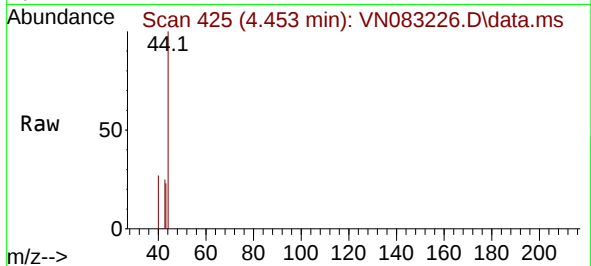




#16
Acetone
Concen: 0.706 ug/l
RT: 4.453 min Scan# 41
Delta R.T. 0.024 min
Lab File: VN083226.D
Acq: 12 Aug 2024 10:22

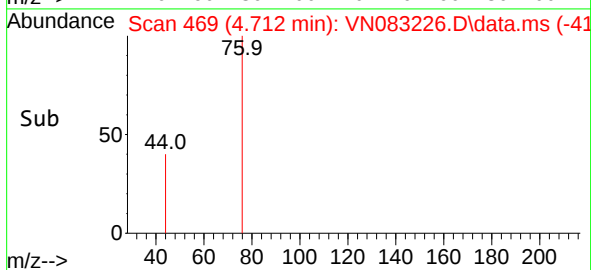
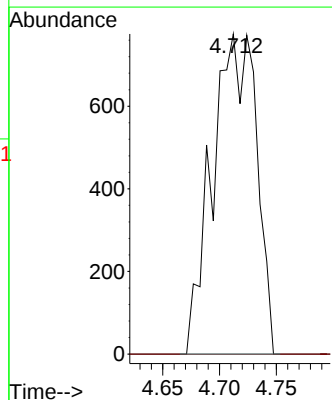
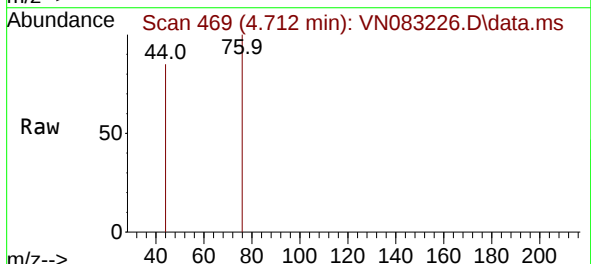
Instrument :
MSVOA_N
ClientSampleId :

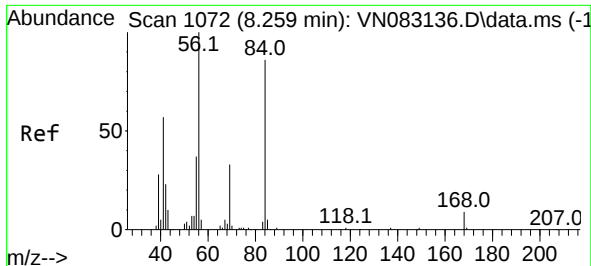
Tgt Ion: 43 Resp: 494
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#17
Carbon Disulfide
Concen: 0.516 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN083226.D
Acq: 12 Aug 2024 10:22

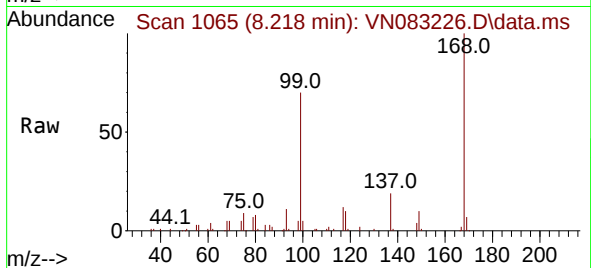
Tgt Ion: 76 Resp: 2103
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



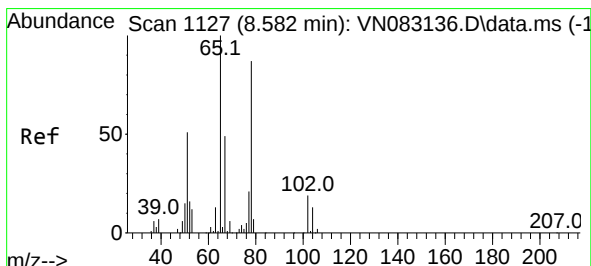
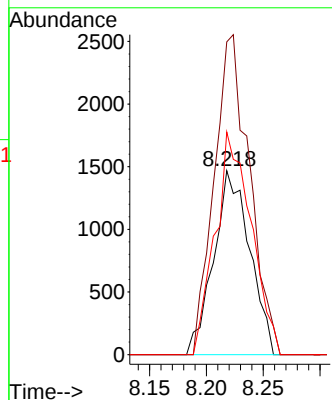
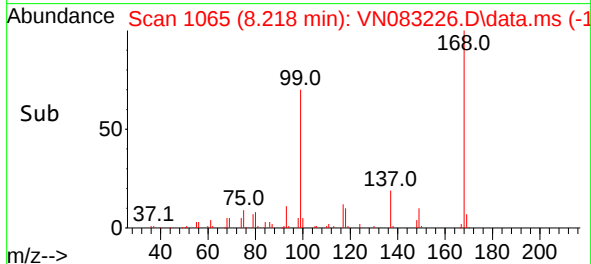


#31
Cyclohexane
Concen: 1.219 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN083226.D
Acq: 12 Aug 2024 10:22

Instrument :
MSVOA_N
ClientSampleId :

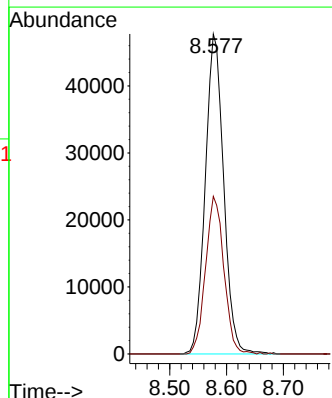
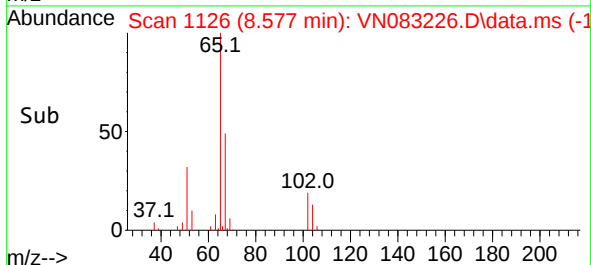
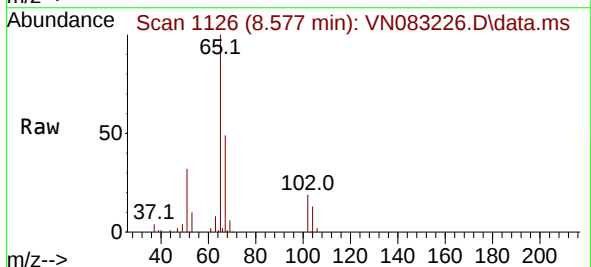


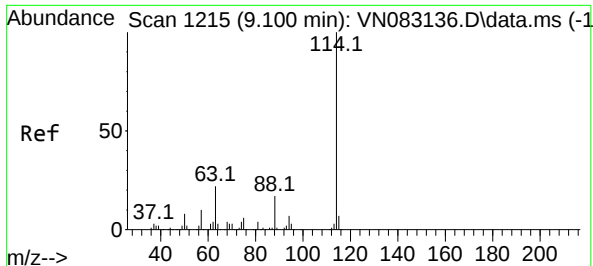
Tgt Ion: 56 Resp: 3231
Ion Ratio Lower Upper
56 100
69 170.0 24.5 36.7#
84 121.0 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 59.776 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN083226.D
Acq: 12 Aug 2024 10:22

Tgt Ion: 65 Resp: 106913
Ion Ratio Lower Upper
65 100
67 49.1 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083226.D

Acq: 12 Aug 2024 10:22

Instrument :

MSVOA_N

ClientSampleId :

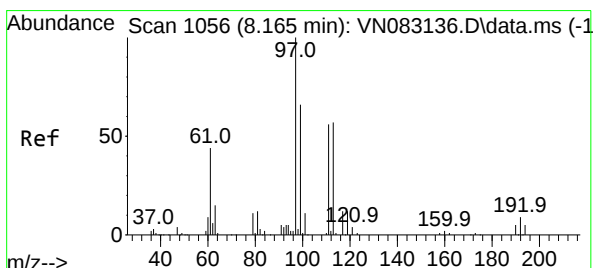
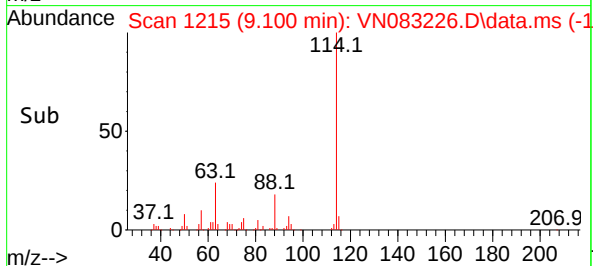
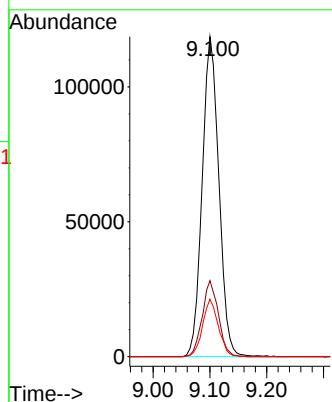
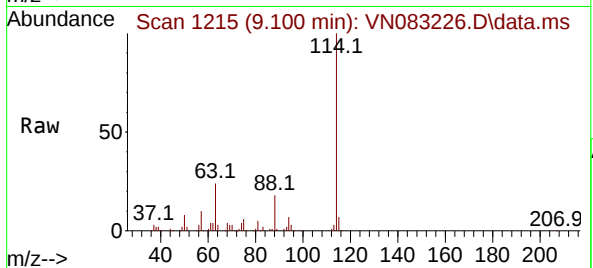
Tgt Ion:114 Resp: 241681

Ion Ratio Lower Upper

114 100

63 23.8 0.0 44.6

88 18.0 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.832 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083226.D

Acq: 12 Aug 2024 10:22

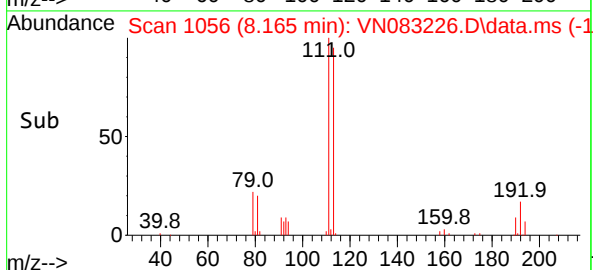
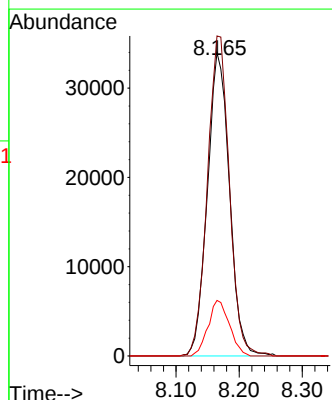
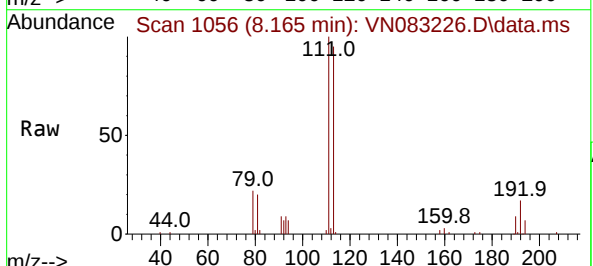
Tgt Ion:113 Resp: 82715

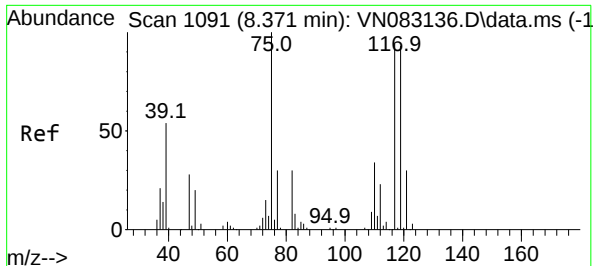
Ion Ratio Lower Upper

113 100

111 104.6 82.4 123.6

192 17.7 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.921 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083226.D

Acq: 12 Aug 2024 10:22

Instrument :

MSVOA_N

ClientSampleId :

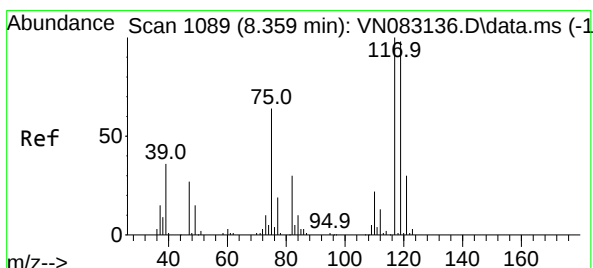
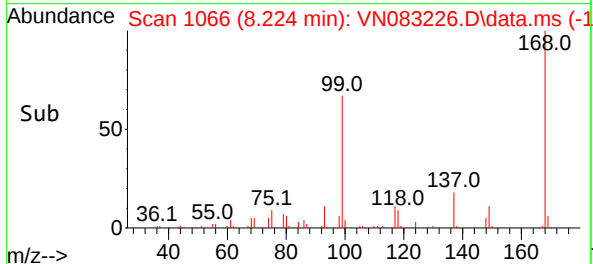
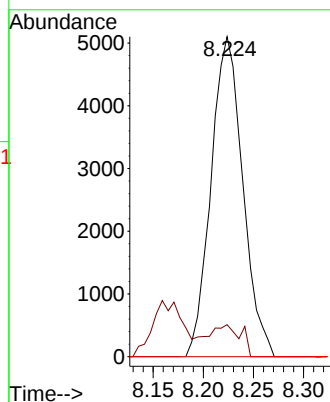
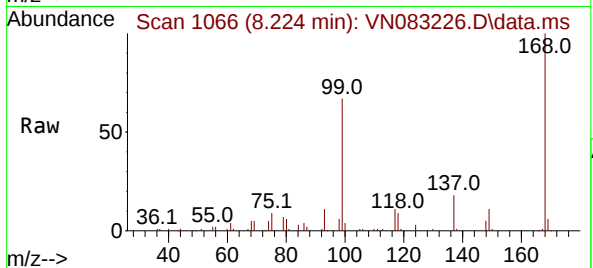
Tgt Ion: 75 Resp: 11229

Ion Ratio Lower Upper

75 100

110 10.2 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.671 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN083226.D

Acq: 12 Aug 2024 10:22

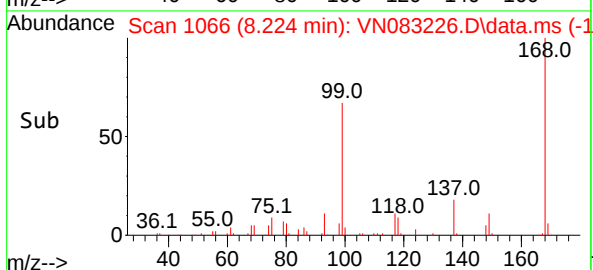
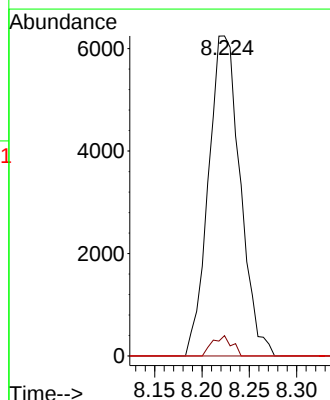
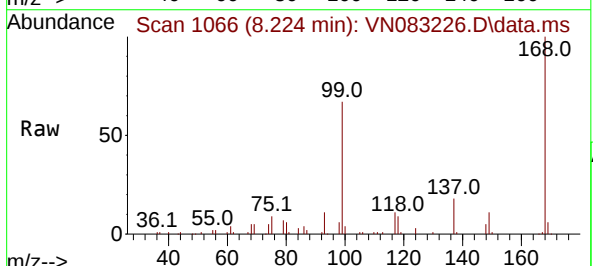
Tgt Ion: 117 Resp: 14577

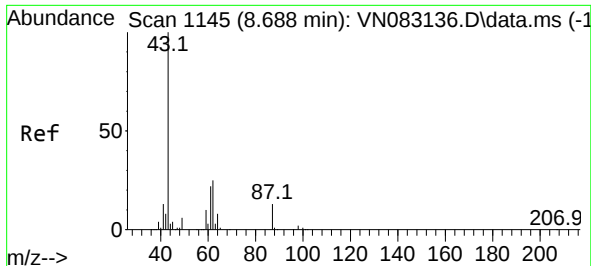
Ion Ratio Lower Upper

117 100

119 6.4 74.9 112.3#

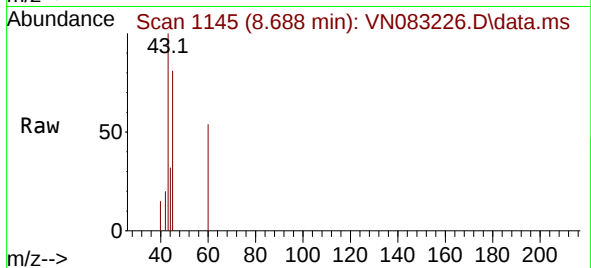
121 0.0 24.3 36.5#



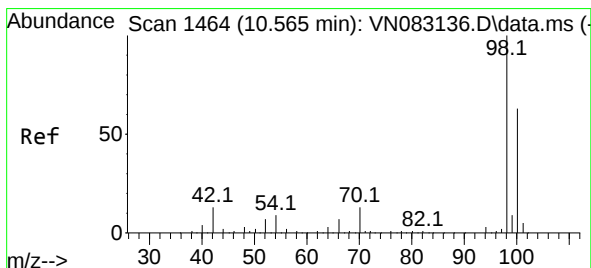
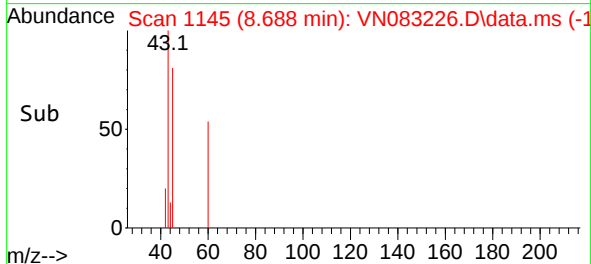
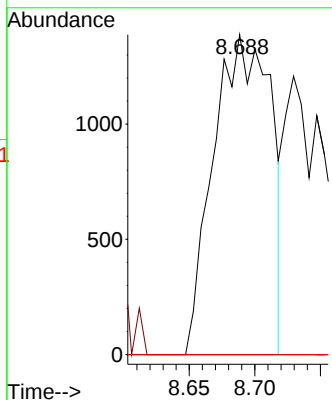


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083226.D
Acq: 12 Aug 2024 10:22

Instrument :
MSVOA_N
ClientSampleId :

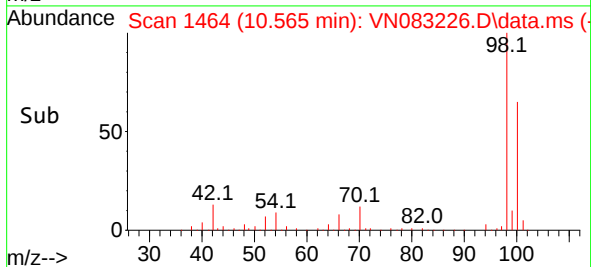
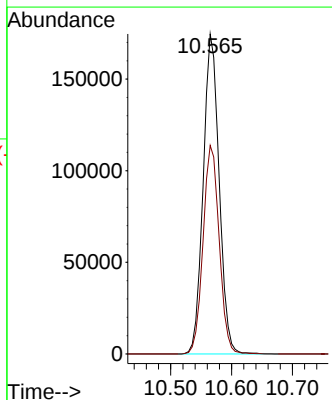
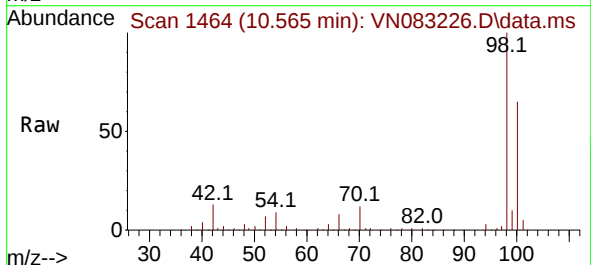


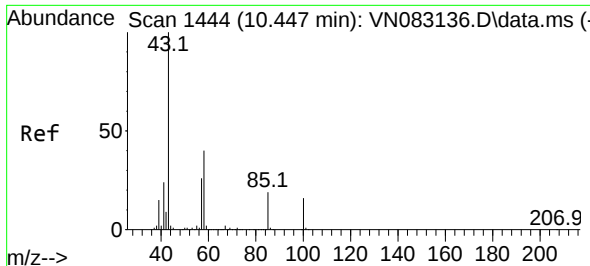
Tgt Ion: 43 Resp: 4236
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 56.396 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083226.D
Acq: 12 Aug 2024 10:22

Tgt Ion: 98 Resp: 317346
Ion Ratio Lower Upper
98 100
100 65.9 51.5 77.3

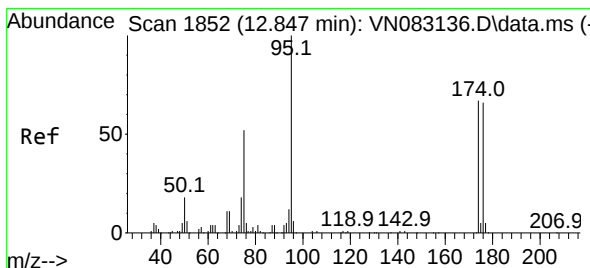
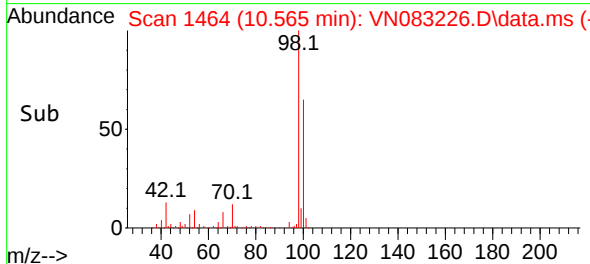
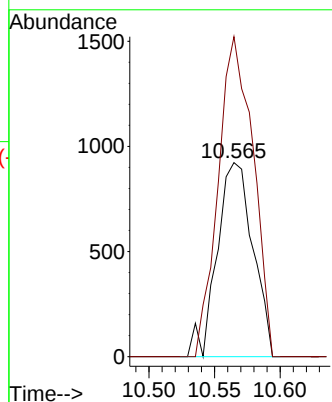
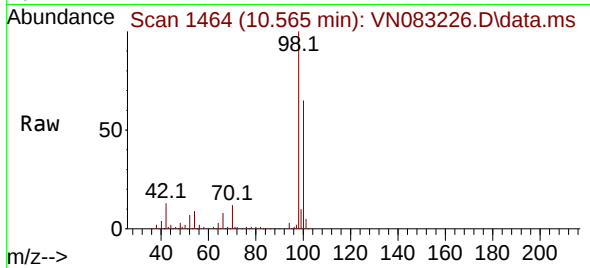




#51
4-Methyl-2-Pentanone
Concen: 0.726 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN083226.D
Acq: 12 Aug 2024 10:22

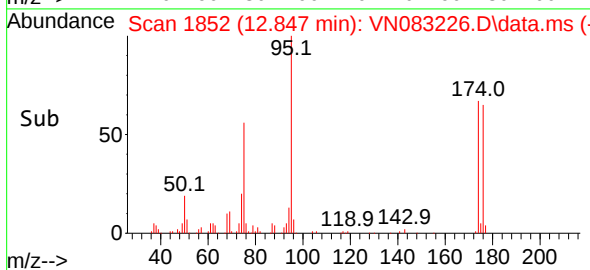
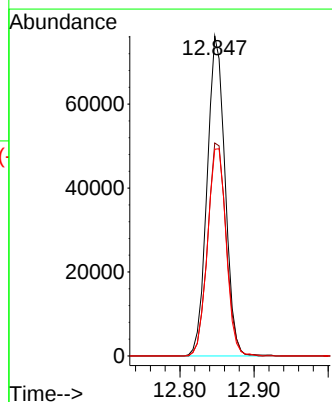
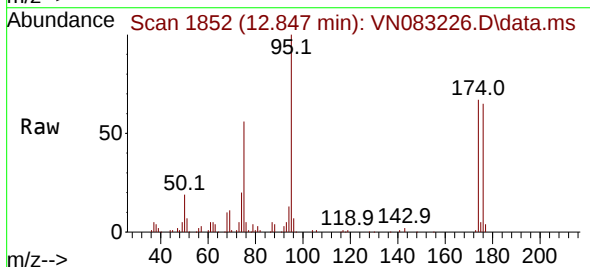
Instrument :
MSVOA_N
ClientSampleId :

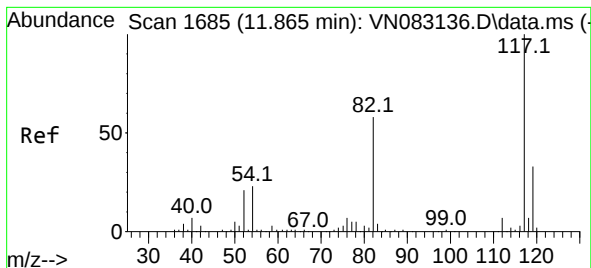
Tgt Ion: 43 Resp: 1753
Ion Ratio Lower Upper
43 100
58 161.0 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 58.449 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083226.D
Acq: 12 Aug 2024 10:22

Tgt Ion: 95 Resp: 128225
Ion Ratio Lower Upper
95 100
174 68.9 0.0 159.2
176 67.4 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083226.D

Acq: 12 Aug 2024 10:22

Instrument :

MSVOA_N

ClientSampleId :

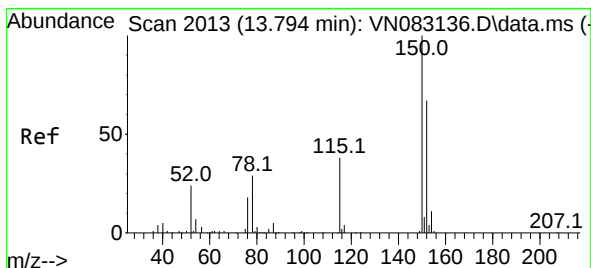
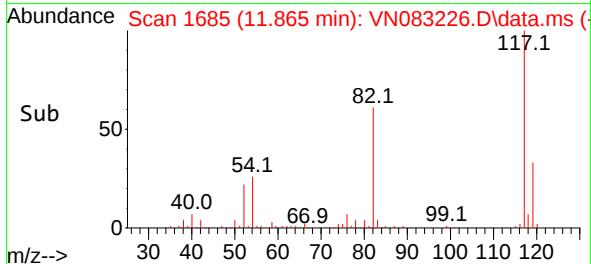
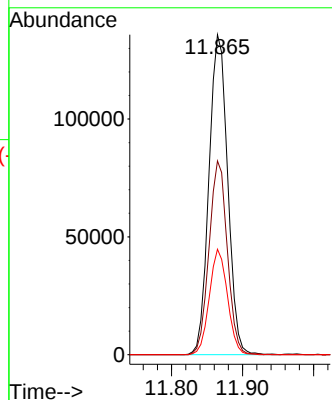
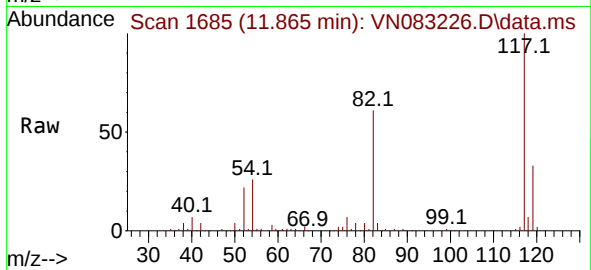
Tgt Ion:117 Resp: 248082

Ion Ratio Lower Upper

117 100

82 60.6 47.5 71.3

119 32.9 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN083226.D

Acq: 12 Aug 2024 10:22

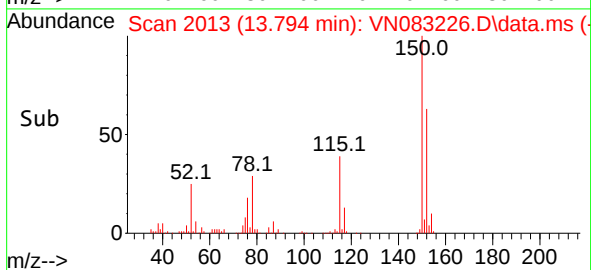
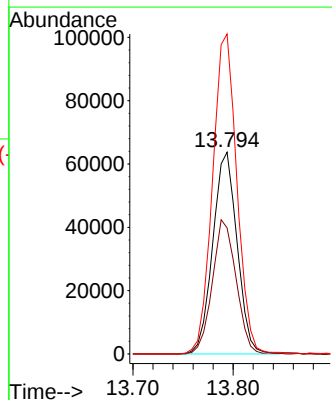
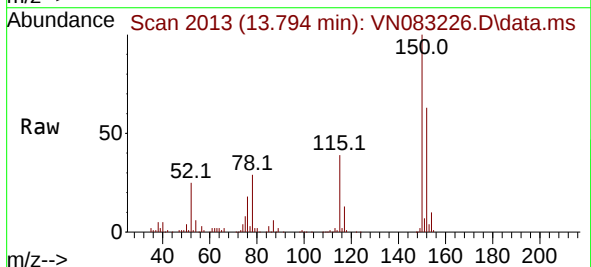
Tgt Ion:152 Resp: 107400

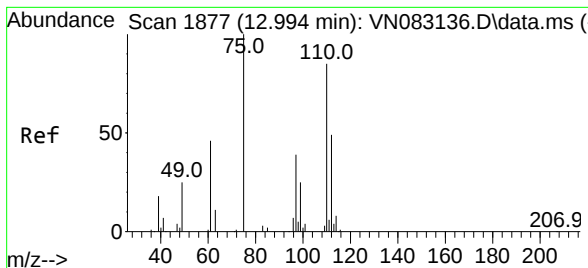
Ion Ratio Lower Upper

152 100

115 65.1 30.6 91.6

150 158.6 0.0 348.6

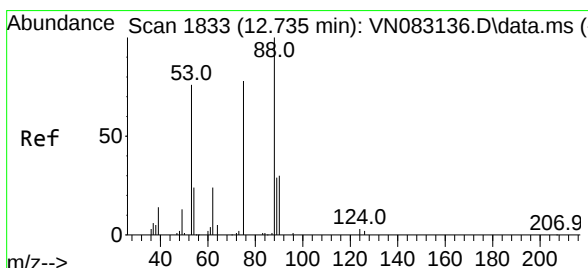
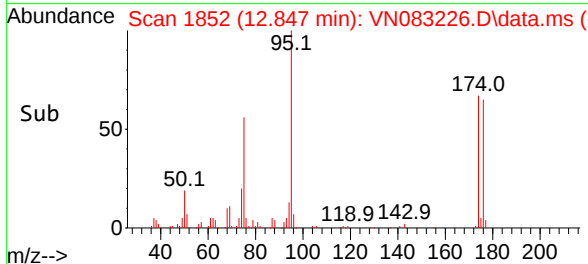
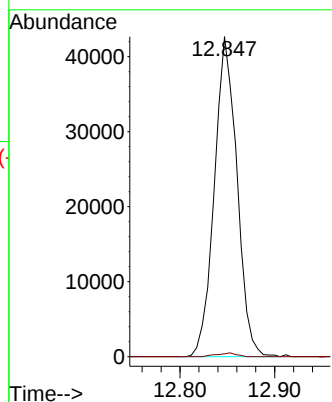
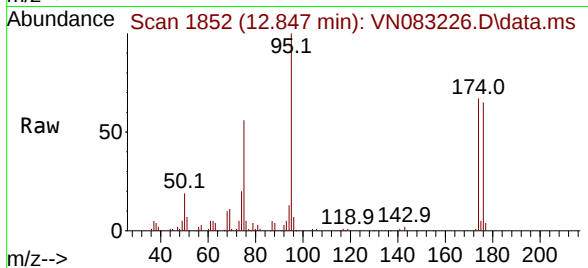




#76
1,2,3-Trichloropropane
Concen: 30.056 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083226.D
Acq: 12 Aug 2024 10:22

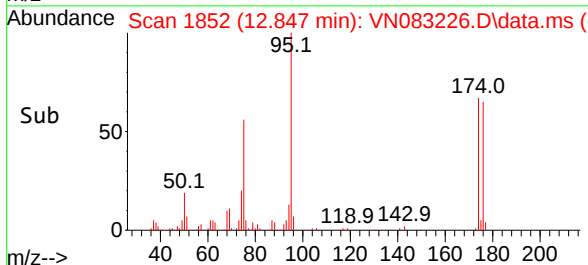
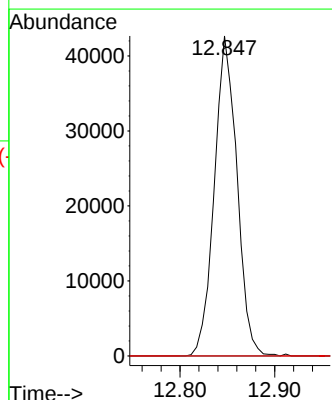
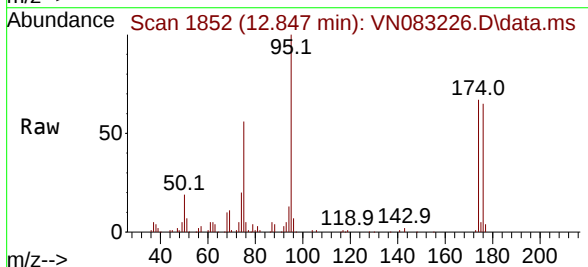
Instrument :
MSVOA_N
ClientSampleId :

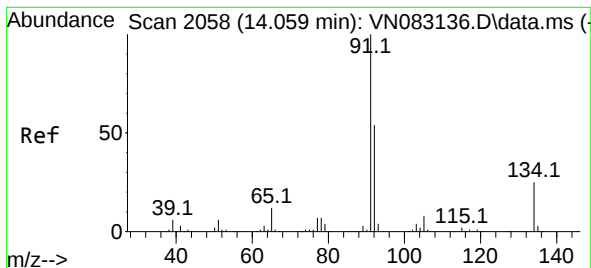
Tgt Ion: 75 Resp: 70848
Ion Ratio Lower Upper
75 100
77 1.0 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.380 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083226.D
Acq: 12 Aug 2024 10:22

Tgt Ion: 75 Resp: 70848
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#





#89

n-Butylbenzene

Concen: 0.315 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN083226.D

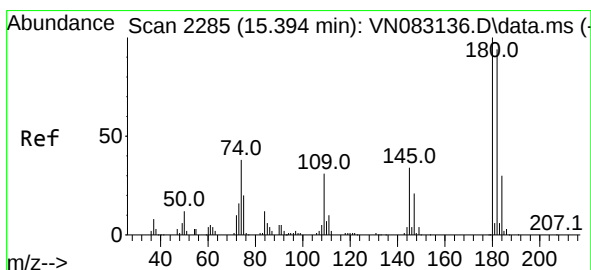
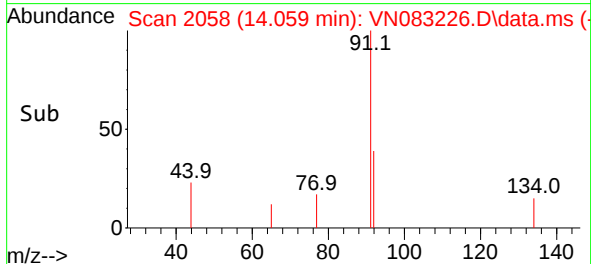
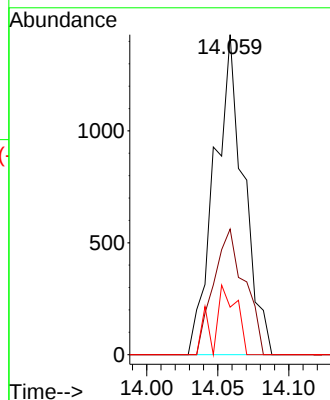
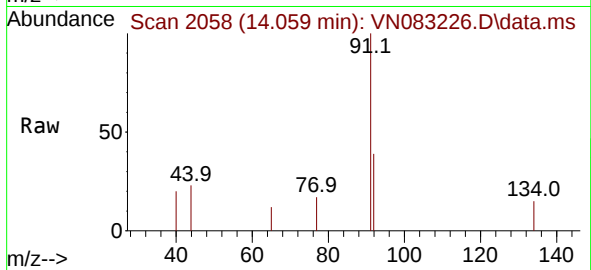
Acq: 12 Aug 2024 10:22

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	91	Resp:	2049
Ion	Ratio	Lower	Upper
91	100		
92	41.6	26.1	78.3
134	16.9	12.1	36.3



#93

1,2,4-Trichlorobenzene

Concen: 0.521 ug/l

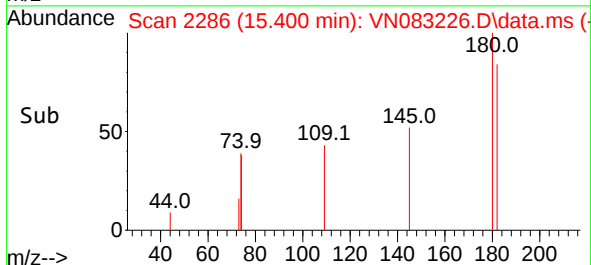
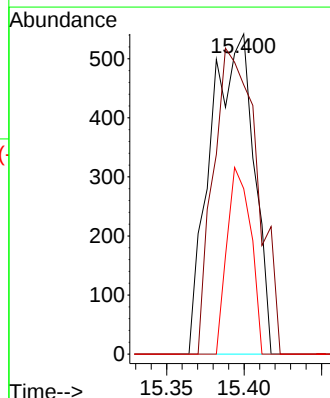
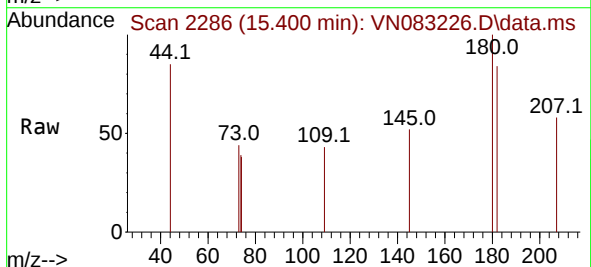
RT: 15.400 min Scan# 2286

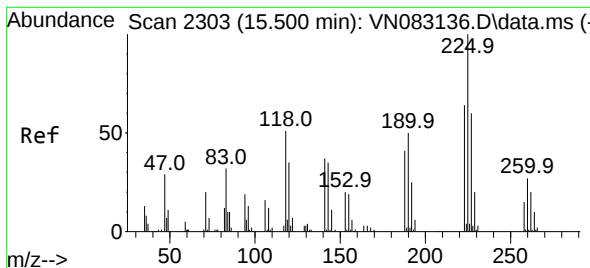
Delta R.T. 0.006 min

Lab File: VN083226.D

Acq: 12 Aug 2024 10:22

Tgt Ion:	180	Resp:	1060
Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.3	141.8
145	31.8	15.7	47.1





#94

Hexachlorobutadiene

Concen: 0.803 ug/l

RT: 15.500 min Scan# 21

Delta R.T. 0.000 min

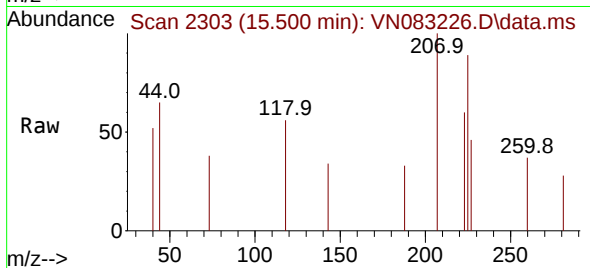
Lab File: VN083226.D

Acq: 12 Aug 2024 10:22

Instrument :

MSVOA_N

ClientSampleId :



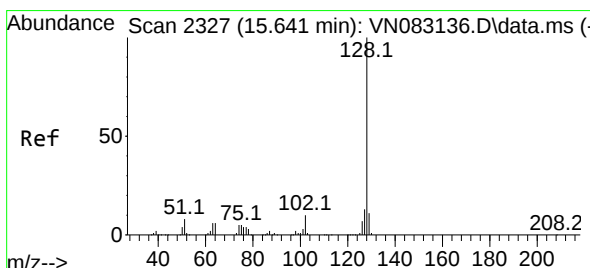
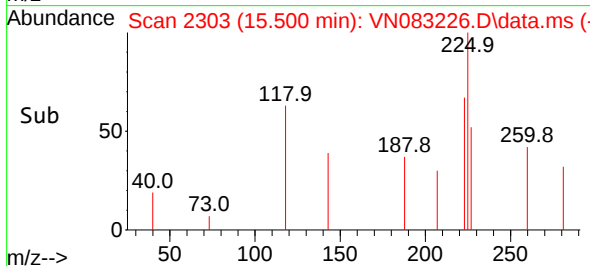
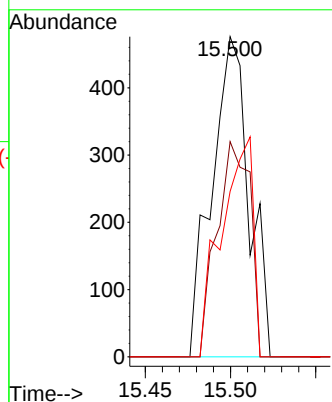
Tgt Ion:225 Resp: 727

Ion	Ratio	Lower	Upper
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225	100		
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223	59.6	31.9	95.7
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227	58.2	32.5	97.5
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#95

Naphthalene

Concen: 0.662 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN083226.D

Acq: 12 Aug 2024 10:22

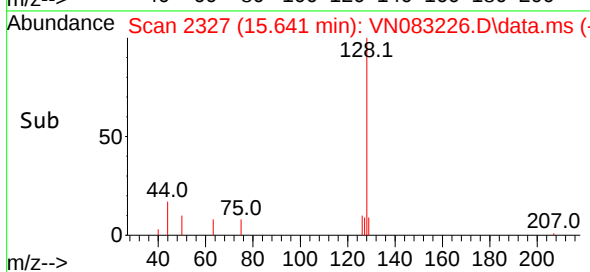
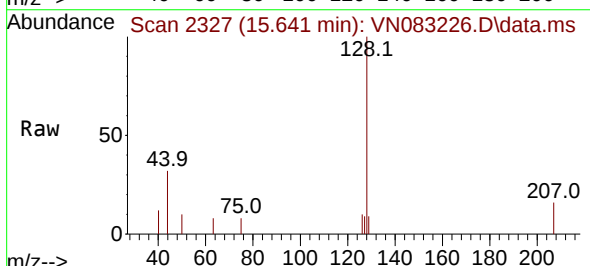
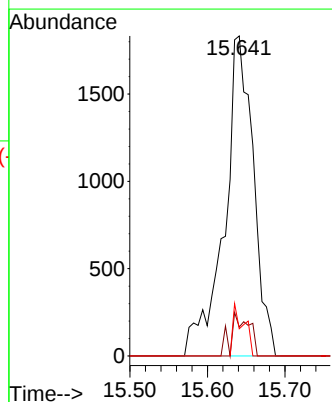
Tgt Ion:128 Resp: 4773

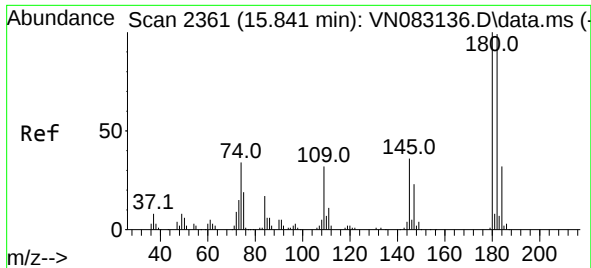
Ion	Ratio	Lower	Upper
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128	100		
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127	8.5	10.6	16.0#
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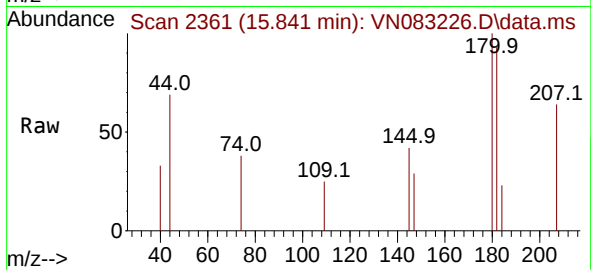
129	6.2	8.6	12.8#
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#96
 1,2,3-Trichlorobenzene
 Concen: 0.656 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN083226.D
 Acq: 12 Aug 2024 10:22

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	1321
Ion	Ratio	Lower	Upper
180	100		
182	85.0	48.9	146.8
145	34.1	16.8	50.4

