

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072424\
 Data File : VN083022.D
 Acq On : 24 Jul 2024 11:06
 Operator : JC\MD
 Sample : VN0724WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 25 02:35:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

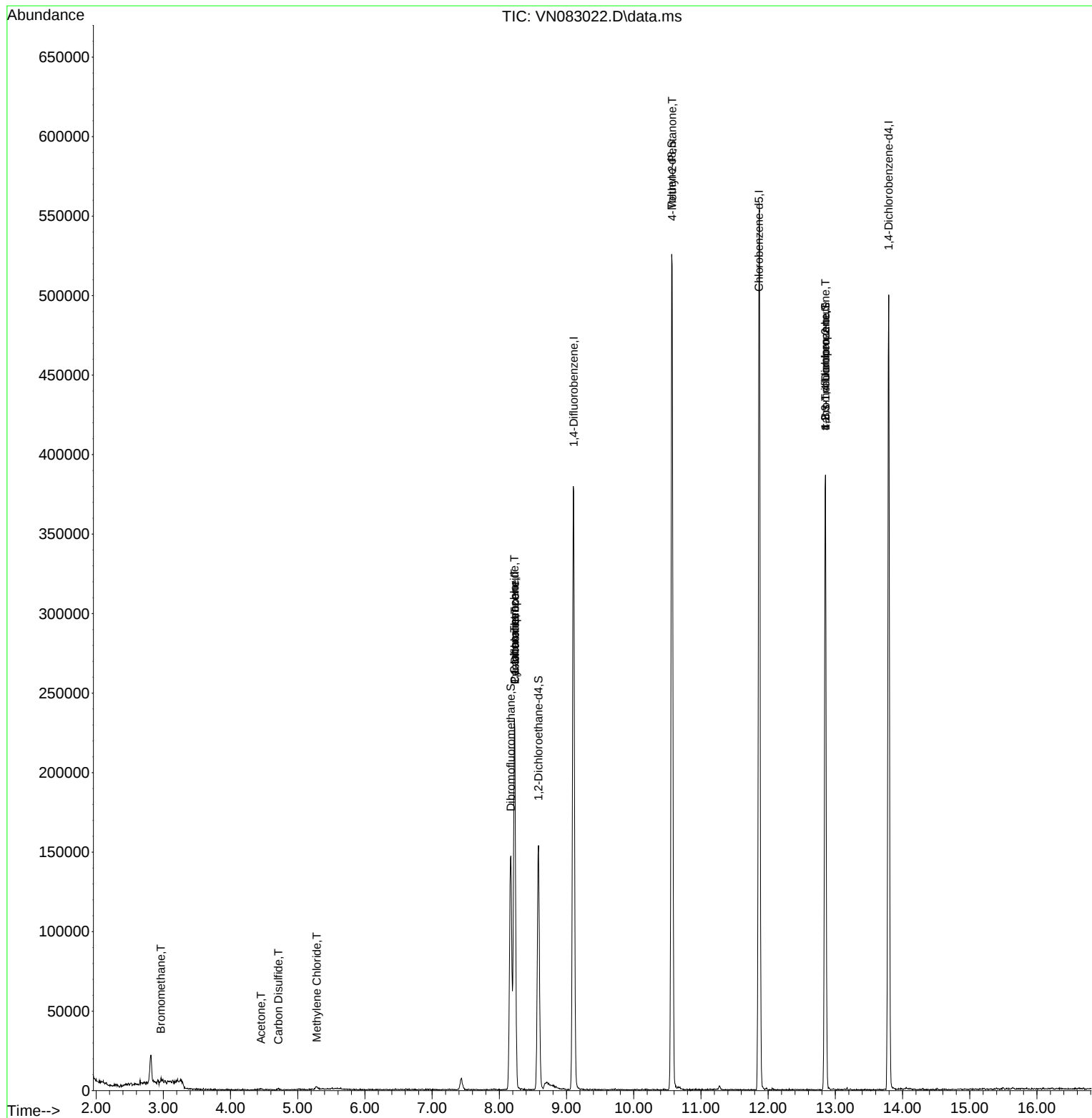
Internal Standards						
1) Pentafluorobenzene	8.230	168	159962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	312796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	317048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	128035	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	125038	55.762	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.520%
35) Dibromofluoromethane	8.171	113	105756	52.690	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.380%
50) Toluene-d8	10.565	98	358760	48.394	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.780%
62) 4-Bromofluorobenzene	12.853	95	121818	45.746	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	91.500%
Target Compounds						
					Qvalue	
5) Bromomethane	2.965	94	1294	0.870	ug/l	82
16) Acetone	4.453	43	677	0.858	ug/l #	48
17) Carbon Disulfide	4.712	76	1458	0.299	ug/l #	75
20) Methylene Chloride	5.283	84	1334	0.700	ug/l #	47
31) Cyclohexane	8.230	56	4165	1.421	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	13827	4.997	ug/l #	53
38) Carbon Tetrachloride	8.224	117	18647	5.596	ug/l #	18
43) Isopropyl Acetate	8.677	43	5814	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.571	43	2138	0.765	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	70242	31.821	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	70242	62.583	ug/l #	6

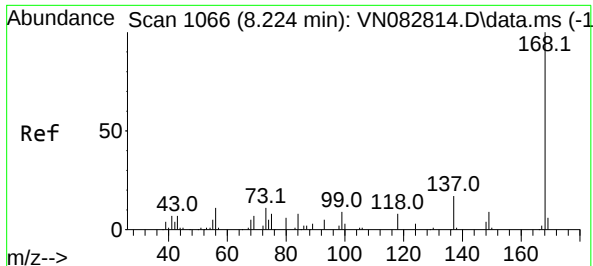
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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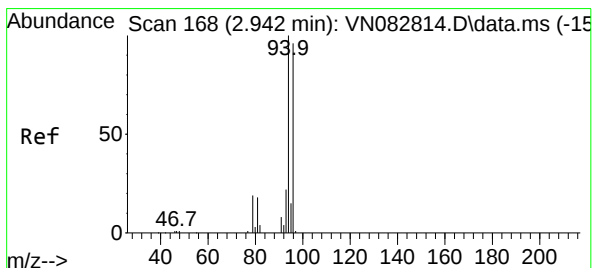
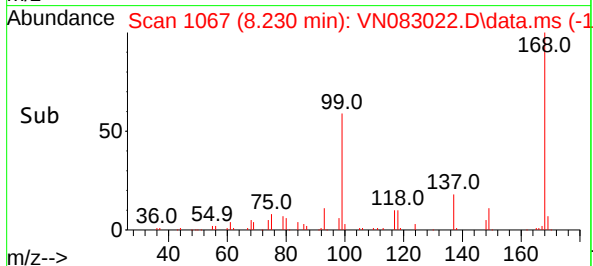
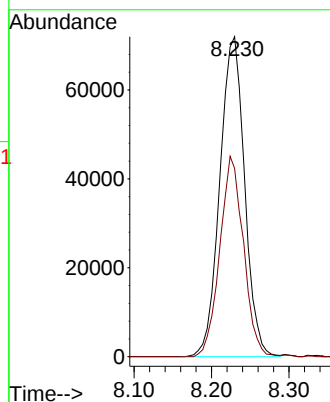
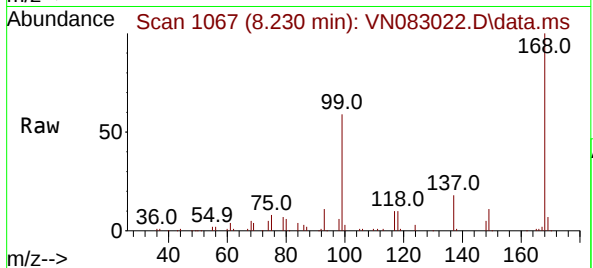




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN083022.D
Acq: 24 Jul 2024 11:06

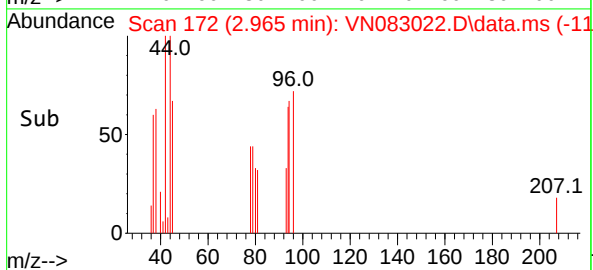
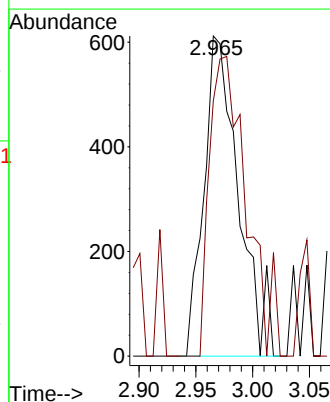
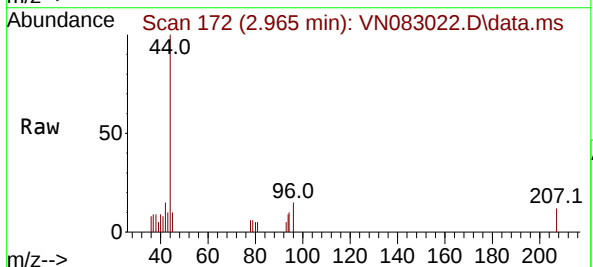
Instrument :
MSVOA_N
ClientSampleId :

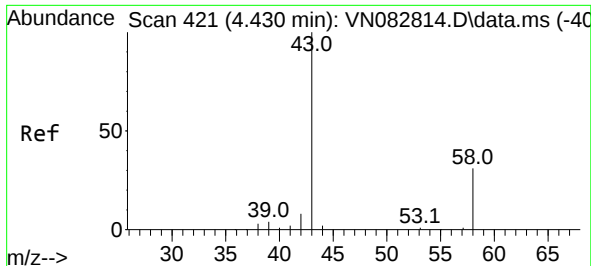
Tgt Ion:168 Resp: 159962
Ion Ratio Lower Upper
168 100
99 58.9 48.2 72.4



#5
Bromomethane
Concen: 0.870 ug/l
RT: 2.965 min Scan# 172
Delta R.T. 0.018 min
Lab File: VN083022.D
Acq: 24 Jul 2024 11:06

Tgt Ion: 94 Resp: 1294
Ion Ratio Lower Upper
94 100
96 79.7 78.0 117.0

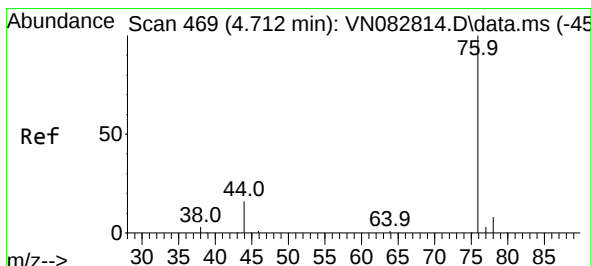
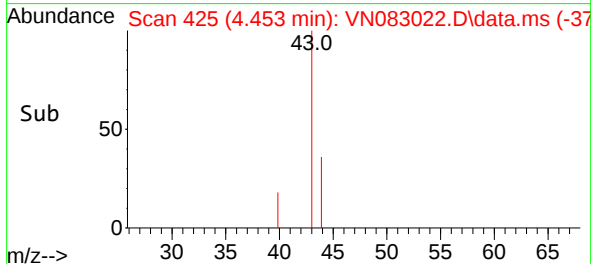
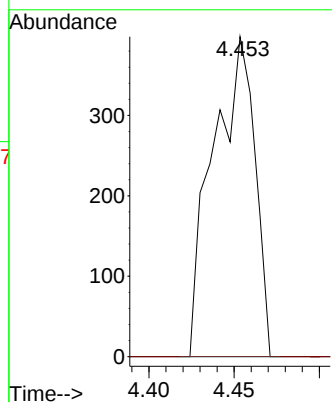
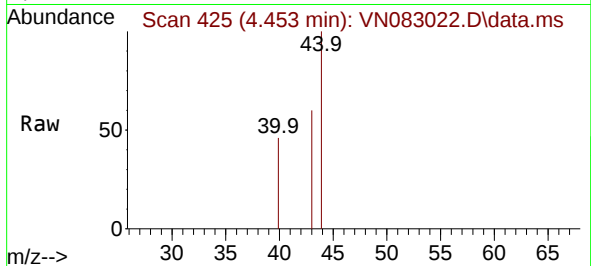




#16
Acetone
Concen: 0.858 ug/l
RT: 4.453 min Scan# 41
Delta R.T. 0.023 min
Lab File: VN083022.D
Acq: 24 Jul 2024 11:06

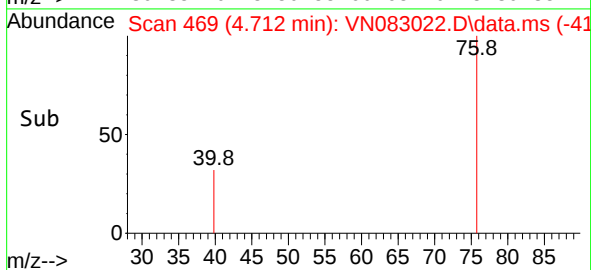
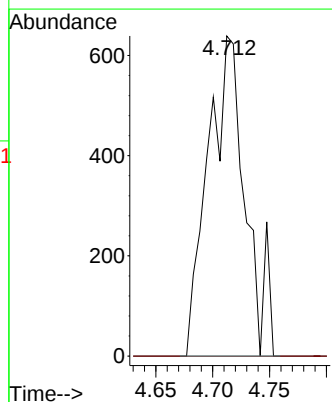
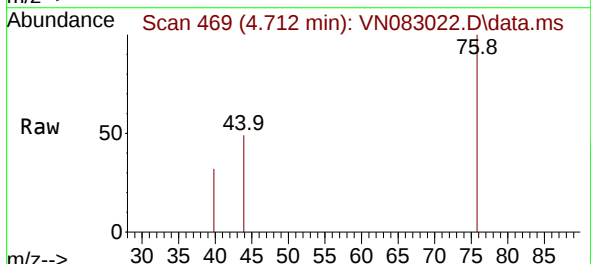
Instrument :
MSVOA_N
ClientSampleId :

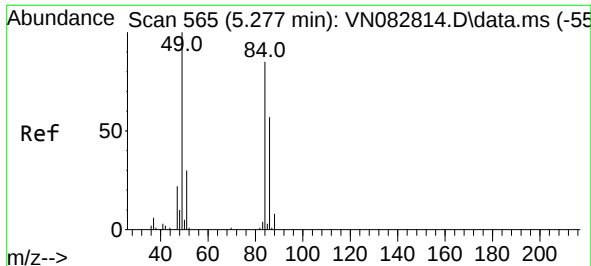
Tgt Ion: 43 Resp: 677
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#17
Carbon Disulfide
Concen: 0.299 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN083022.D
Acq: 24 Jul 2024 11:06

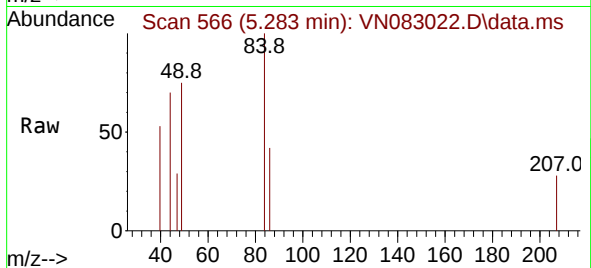
Tgt Ion: 76 Resp: 1458
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



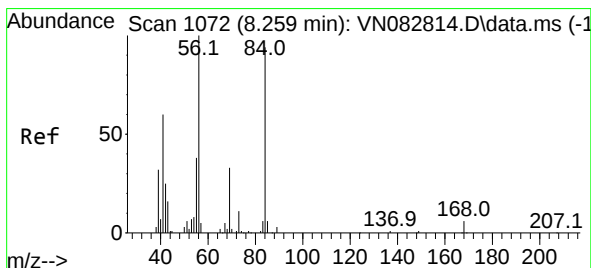
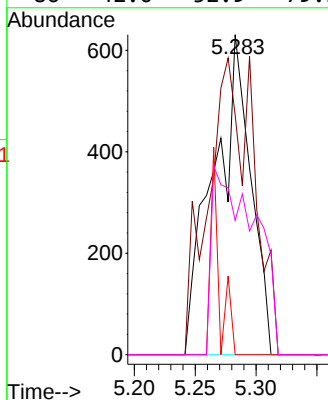
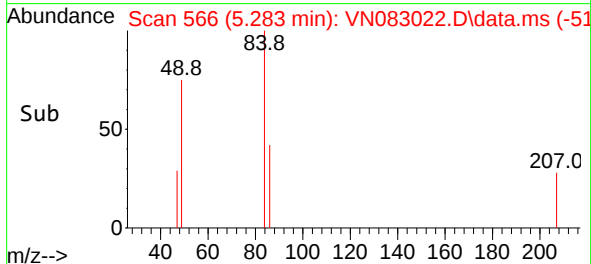


#20
Methylene Chloride
Concen: 0.700 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083022.D
Acq: 24 Jul 2024 11:06

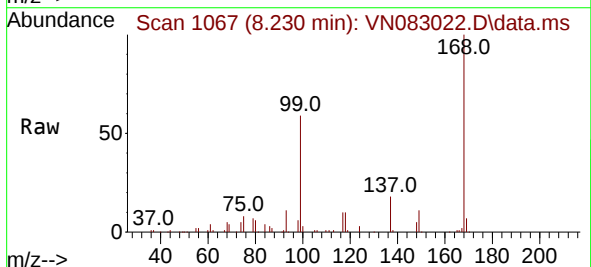
Instrument :
MSVOA_N
ClientSampleId :



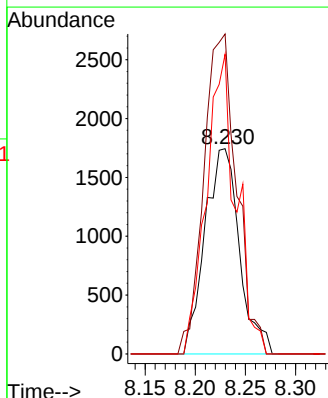
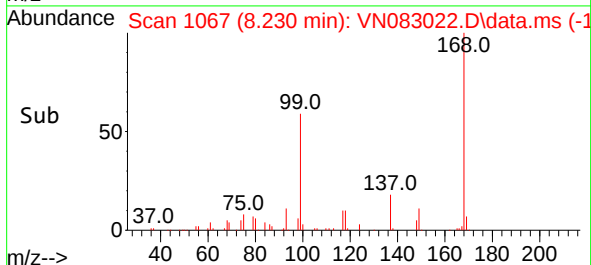
Tgt Ion: 84 Resp: 1334
Ion Ratio Lower Upper
84 100
49 75.0 119.6 179.4#
51 0.0 34.8 52.2#
86 42.0 52.9 79.3#

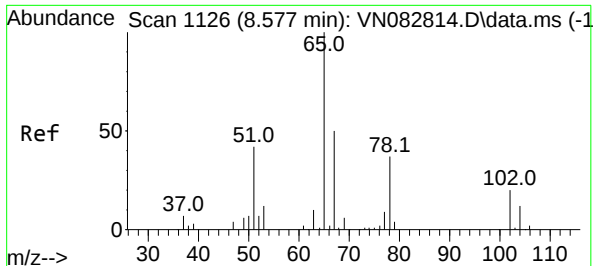


#31
Cyclohexane
Concen: 1.421 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN083022.D
Acq: 24 Jul 2024 11:06



Tgt Ion: 56 Resp: 4165
Ion Ratio Lower Upper
56 100
69 155.9 24.5 36.7#
84 146.0 66.0 99.0#





#33

1,2-Dichloroethane-d4

Concen: 55.762 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN083022.D

Acq: 24 Jul 2024 11:06

Instrument :

MSVOA_N

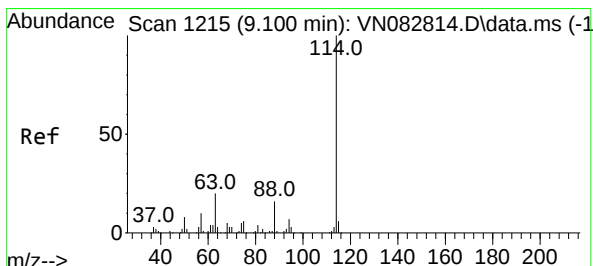
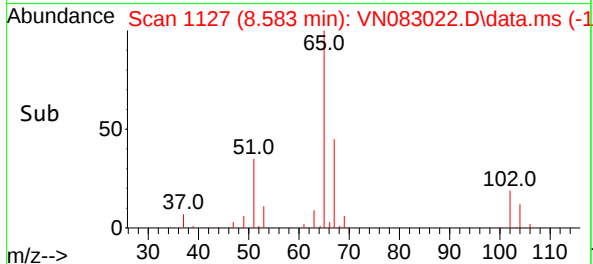
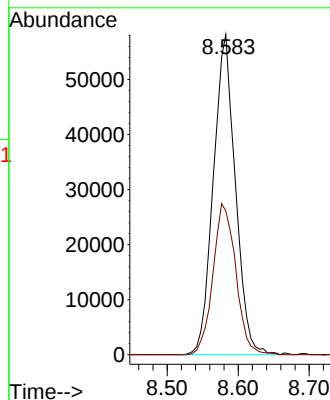
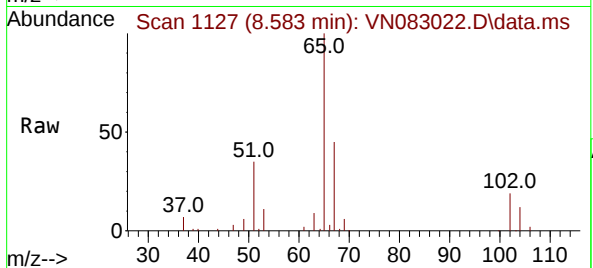
ClientSampleId :

Tgt Ion: 65 Resp: 125038

Ion Ratio Lower Upper

65 100

67 49.0 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN083022.D

Acq: 24 Jul 2024 11:06

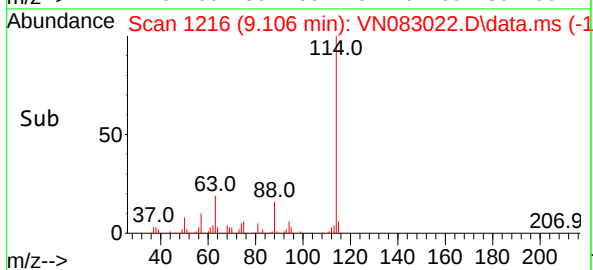
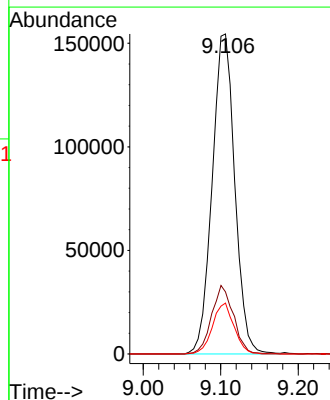
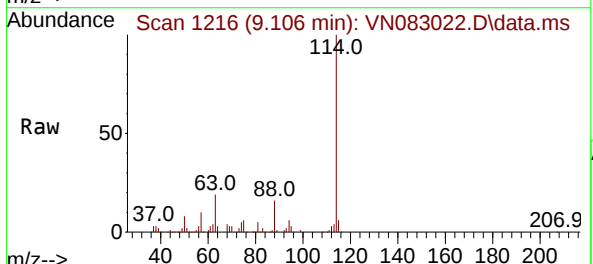
Tgt Ion: 114 Resp: 312796

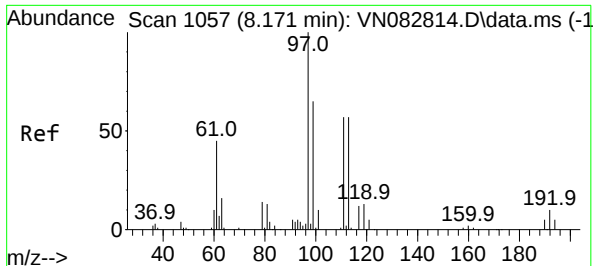
Ion Ratio Lower Upper

114 100

63 19.4 0.0 44.6

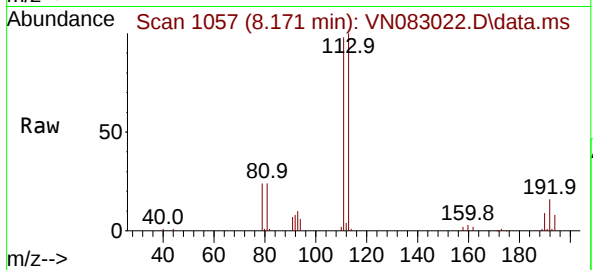
88 15.9 0.0 31.4



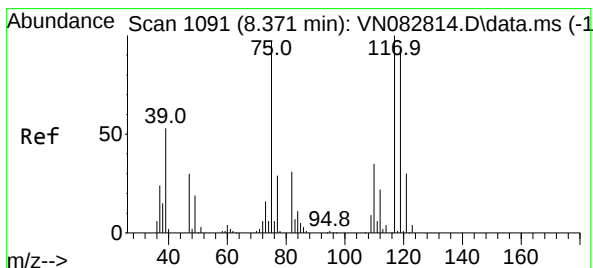
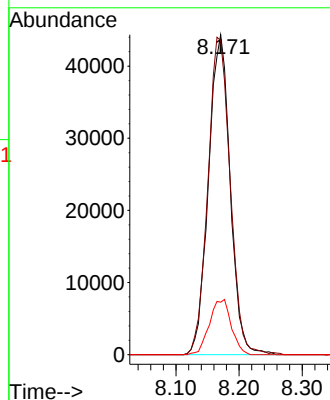
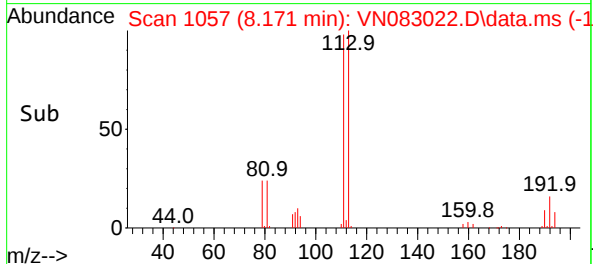


#35
Dibromofluoromethane
Concen: 52.690 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083022.D
Acq: 24 Jul 2024 11:06

Instrument :
MSVOA_N
ClientSampleId :

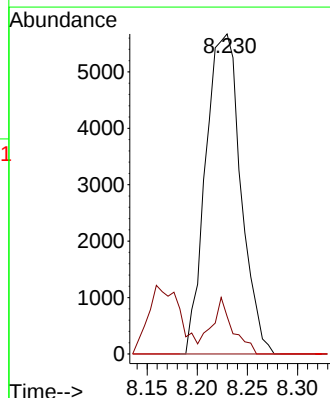
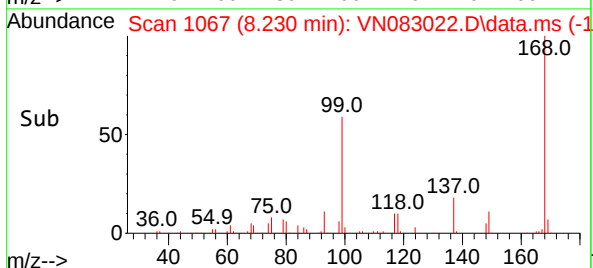
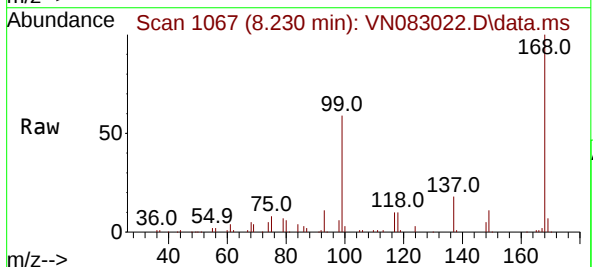


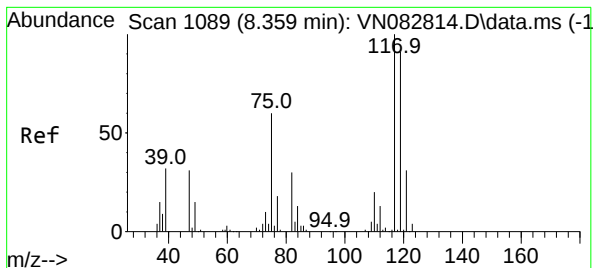
Tgt Ion:113 Resp: 105756
Ion Ratio Lower Upper
113 100
111 101.9 82.4 123.6
192 17.4 14.9 22.3



#36
1,1-Dichloropropene
Concen: 4.997 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN083022.D
Acq: 24 Jul 2024 11:06

Tgt Ion: 75 Resp: 13827
Ion Ratio Lower Upper
75 100
110 10.6 16.3 48.9#
77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.596 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

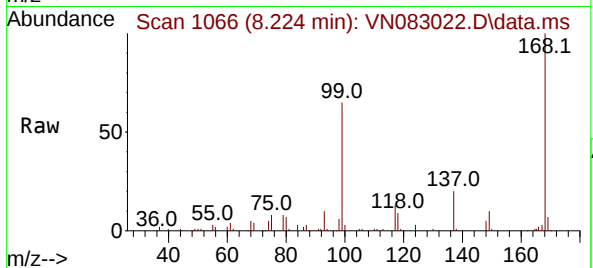
Lab File: VN083022.D

Acq: 24 Jul 2024 11:06

Instrument :

MSVOA_N

ClientSampleId :



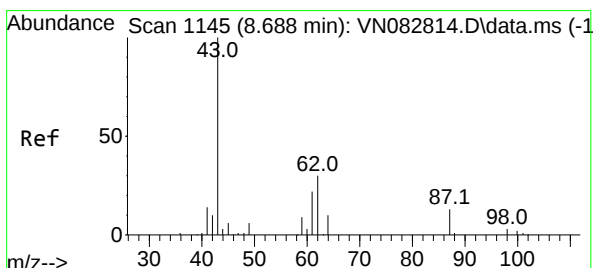
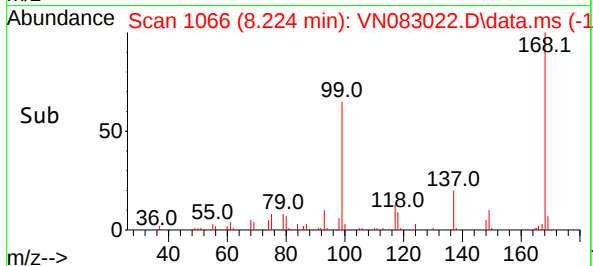
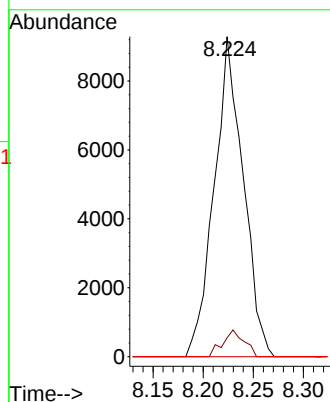
Tgt Ion:117 Resp: 18647

Ion Ratio Lower Upper

117 100

119 5.9 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.677 min Scan# 1143

Delta R.T. -0.017 min

Lab File: VN083022.D

Acq: 24 Jul 2024 11:06

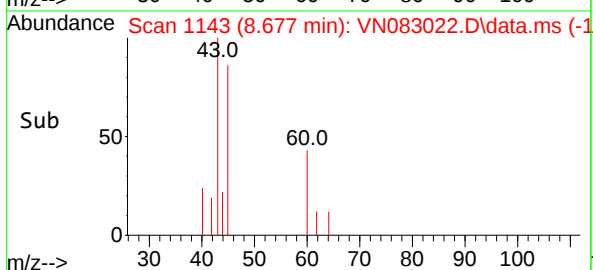
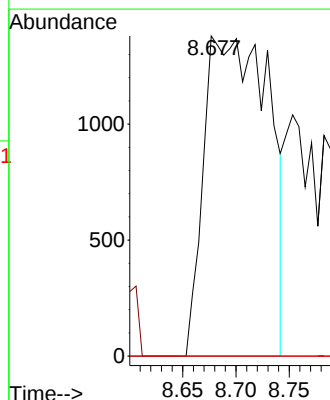
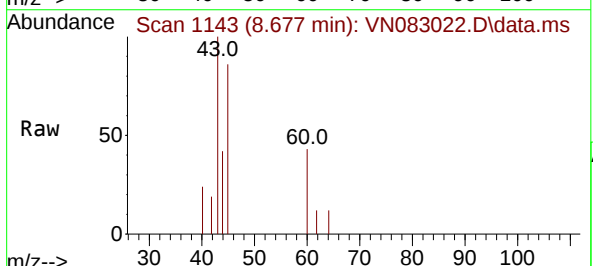
Tgt Ion: 43 Resp: 5814

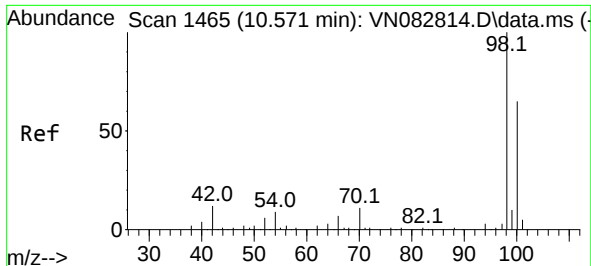
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#

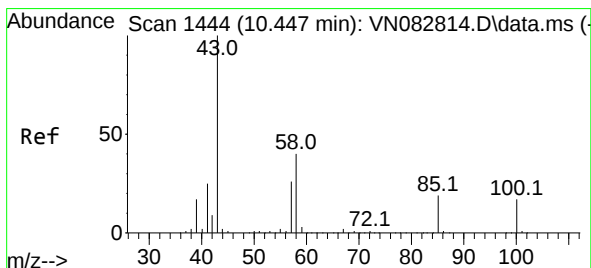
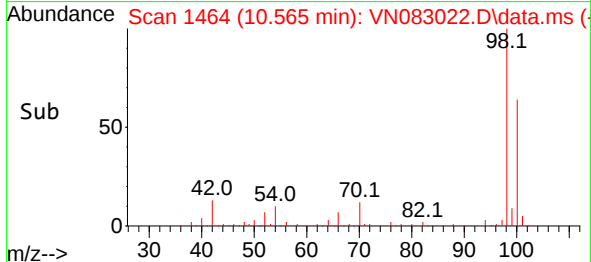
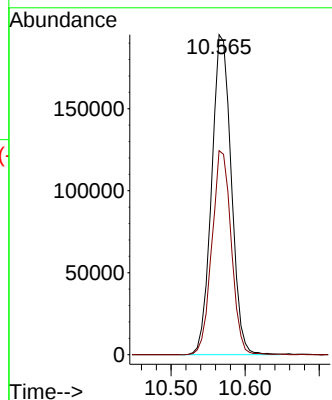
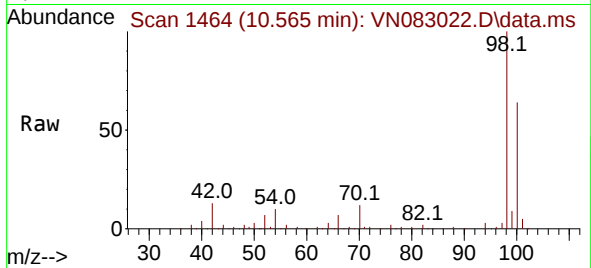




#50
Toluene-d8
Concen: 48.394 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.005 min
Lab File: VN083022.D
Acq: 24 Jul 2024 11:06

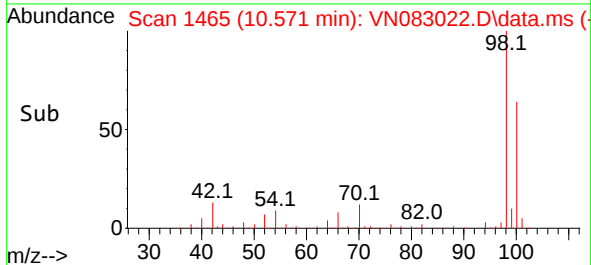
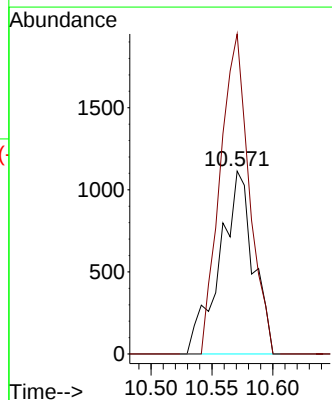
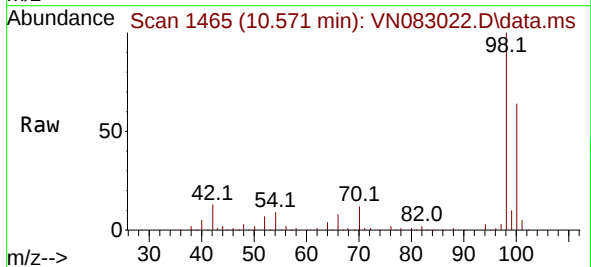
Instrument :
MSVOA_N
ClientSampleId :

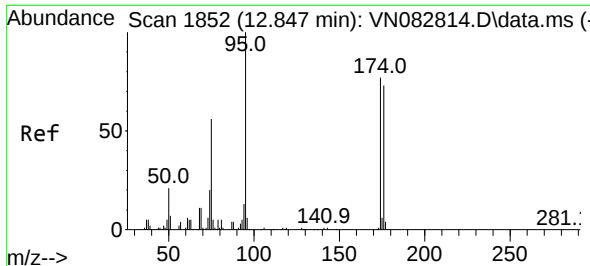
Tgt Ion: 98 Resp: 358760
Ion Ratio Lower Upper
98 100
100 62.8 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.765 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.124 min
Lab File: VN083022.D
Acq: 24 Jul 2024 11:06

Tgt Ion: 43 Resp: 2138
Ion Ratio Lower Upper
43 100
58 151.8 28.2 42.4#

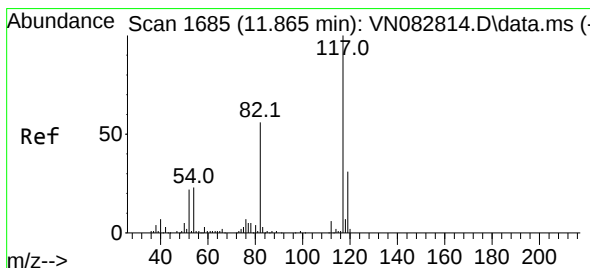
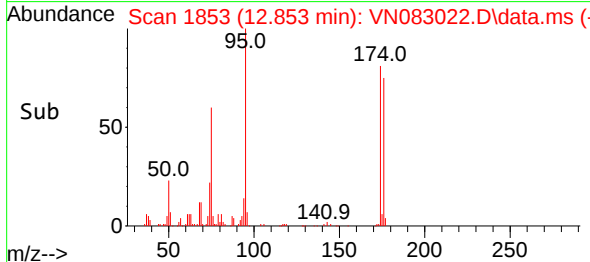
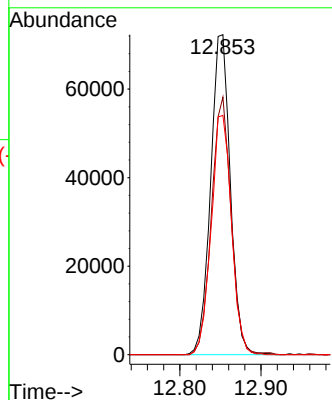
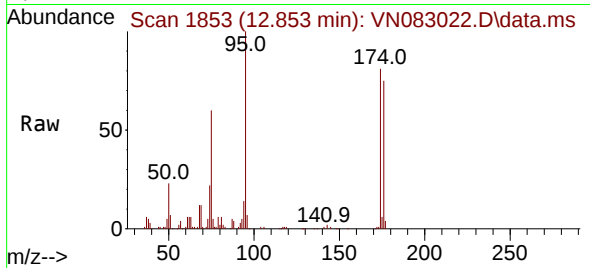




#62
4-Bromofluorobenzene
Concen: 45.746 ug/l
RT: 12.853 min Scan# 1185
Delta R.T. 0.006 min
Lab File: VN083022.D
Acq: 24 Jul 2024 11:06

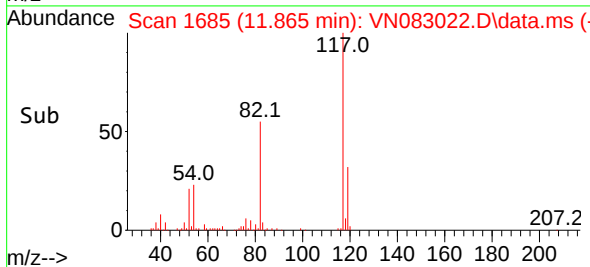
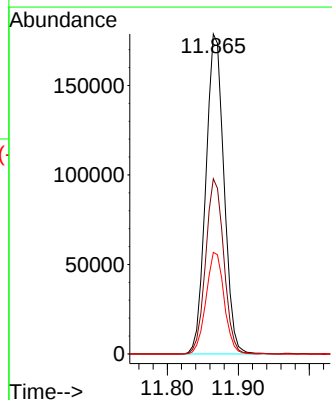
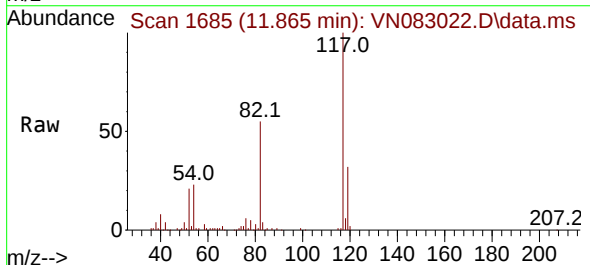
Instrument :
MSVOA_N
ClientSampleId :

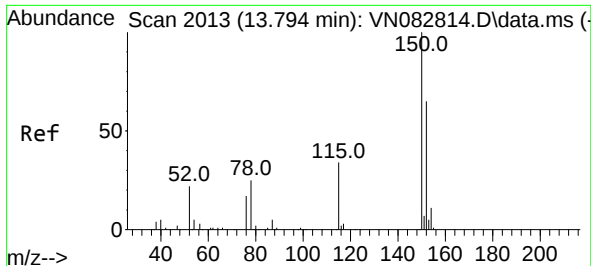
Tgt Ion: 95 Resp: 121818
Ion Ratio Lower Upper
95 100
174 80.4 0.0 159.2
176 77.1 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN083022.D
Acq: 24 Jul 2024 11:06

Tgt Ion:117 Resp: 317048
Ion Ratio Lower Upper
117 100
82 54.7 47.5 71.3
119 31.8 25.6 38.4

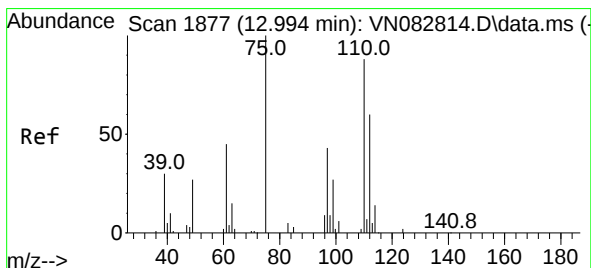
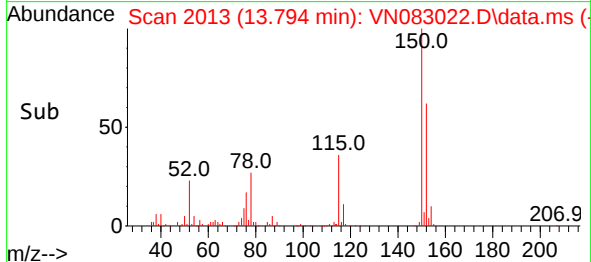
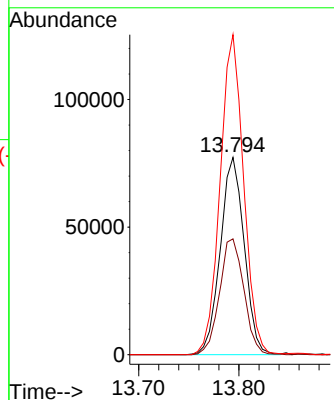
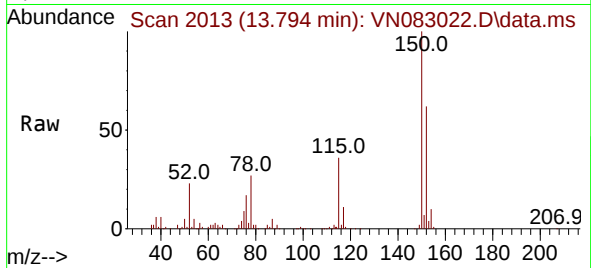




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083022.D
Acq: 24 Jul 2024 11:06

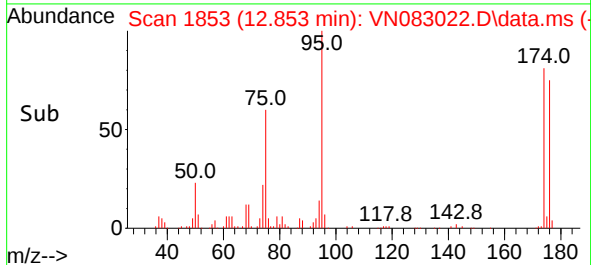
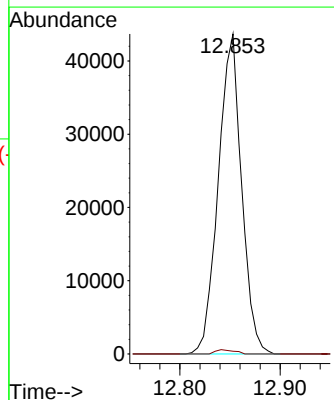
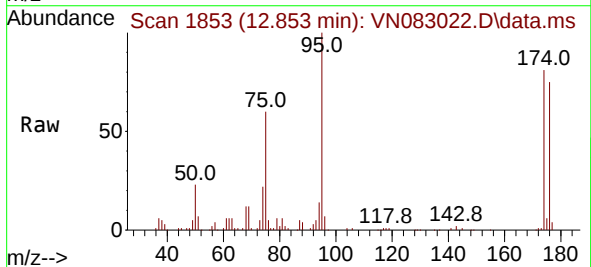
Instrument :
MSVOA_N
ClientSampleId :

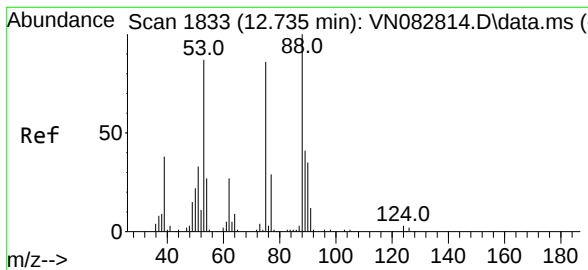
Tgt Ion:152 Resp: 128035
Ion Ratio Lower Upper
152 100
115 59.6 30.6 91.6
150 159.0 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 31.821 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN083022.D
Acq: 24 Jul 2024 11:06

Tgt Ion: 75 Resp: 70242
Ion Ratio Lower Upper
75 100
77 1.1 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.583 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.112 min
 Lab File: VN083022.D
 Acq: 24 Jul 2024 11:06

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 75 Resp: 70242
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.4 132.6#
 89 0.0 36.3 54.5#

