

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072624\
 Data File : VN083041.D
 Acq On : 26 Jul 2024 10:46
 Operator : JC\MD
 Sample : VN0726MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 26 23:01:05 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)

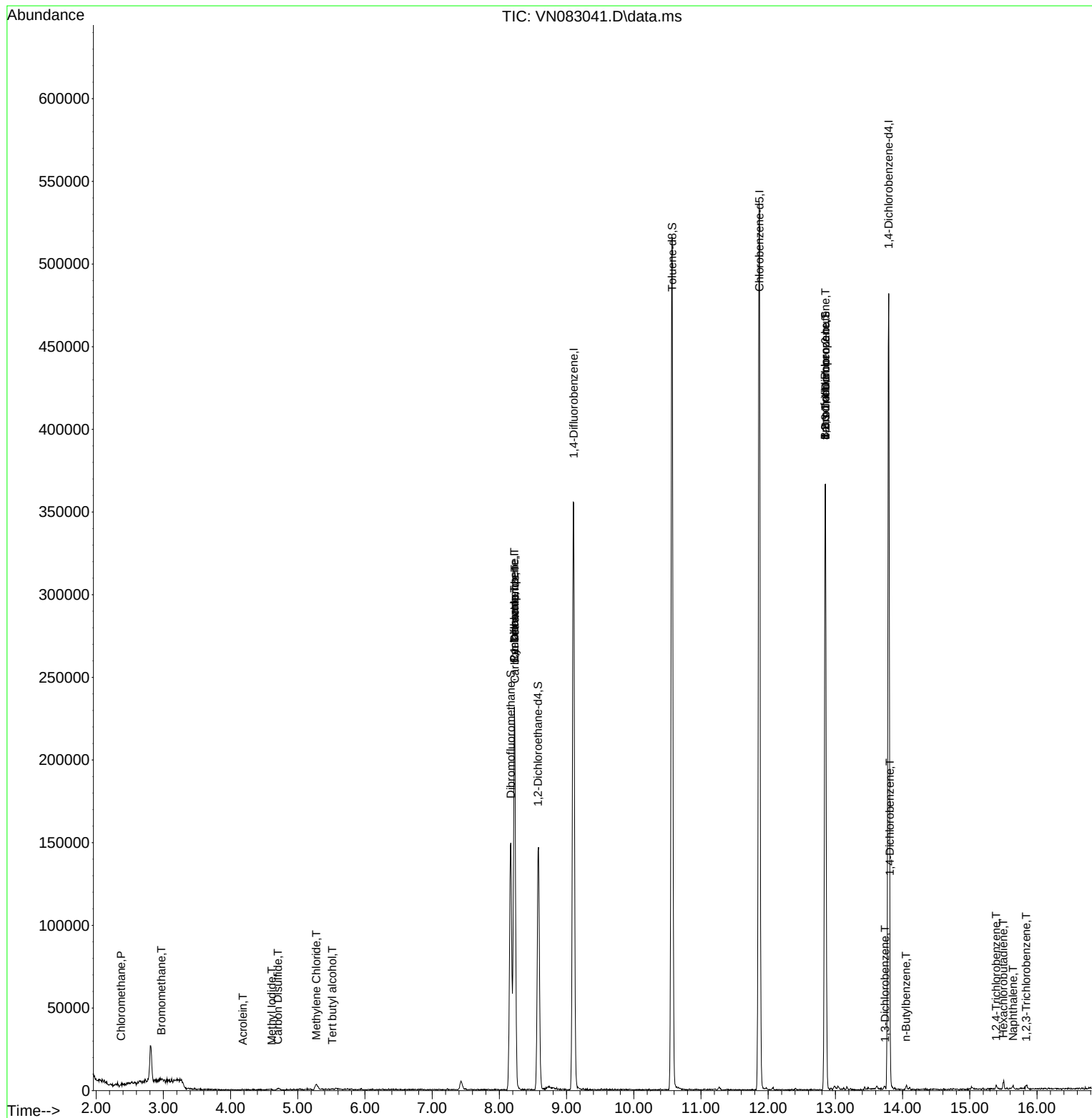
Internal Standards						
1) Pentafluorobenzene	8.224	168	158534	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	302817	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	308671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	123038	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121366	54.612	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.220%	
35) Dibromofluoromethane	8.171	113	101321	52.144	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.280%	
50) Toluene-d8	10.571	98	351376	48.960	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.920%	
62) 4-Bromofluorobenzene	12.853	95	116075	45.026	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 90.060%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	842	0.433	ug/l #	43
5) Bromomethane	2.971	94	1296	0.879	ug/l #	68
10) Methyl Iodide	4.612	142	548	0.321	ug/l #	38
11) Tert butyl alcohol	5.512	59	134	0.358	ug/l #	71
13) Acrolein	4.183	56	147	0.545	ug/l #	66
17) Carbon Disulfide	4.706	76	2173	0.449	ug/l #	75
20) Methylene Chloride	5.277	84	2938	1.555	ug/l #	58
31) Cyclohexane	8.224	56	4771	1.642	ug/l #	45
36) 1,1-Dichloropropene	8.224	75	13225	4.936	ug/l #	52
38) Carbon Tetrachloride	8.229	117	18004	5.582	ug/l #	17
43) Isopropyl Acetate	8.712	43	987	Below Cal	#	60
71) Bromoform	12.847	173	1652	0.893	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	66142	31.181	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	66142	61.323	ug/l #	6
87) 1,3-Dichlorobenzene	13.741	146	908	0.218	ug/l #	32
88) 1,4-Dichlorobenzene	13.811	146	1078	0.250	ug/l #	1
89) n-Butylbenzene	14.053	91	2065	0.334	ug/l	84
93) 1,2,4-Trichlorobenzene	15.394	180	1029	0.472	ug/l #	80
94) Hexachlorobutadiene	15.500	225	1077	1.115	ug/l	68
95) Naphthalene	15.647	128	2378	0.319	ug/l #	76
96) 1,2,3-Trichlorobenzene	15.841	180	1321	0.590	ug/l #	19

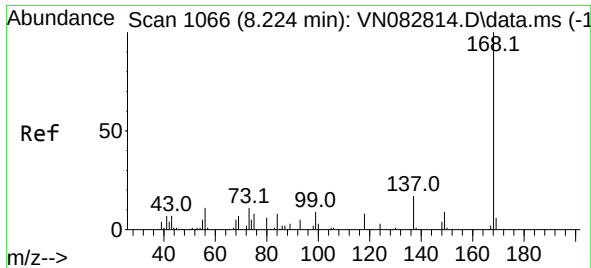
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VN0726MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jul 26 23:01:05 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

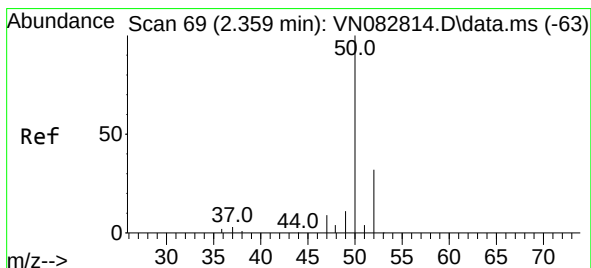
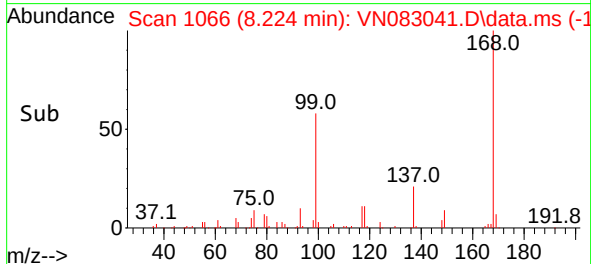
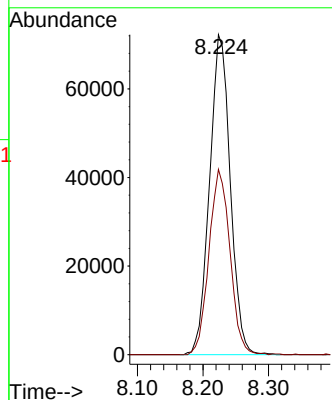
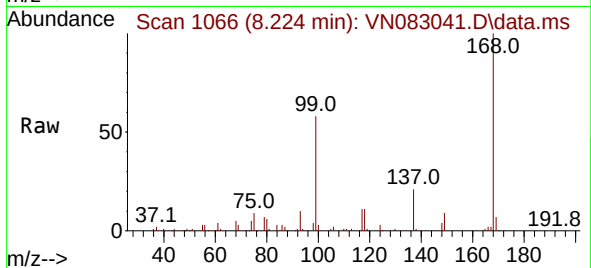




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN083041.D
Acq: 26 Jul 2024 10:46

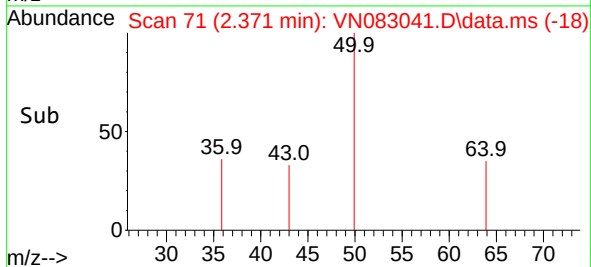
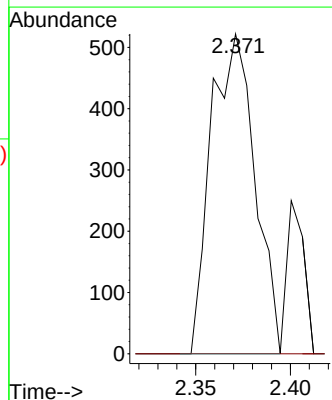
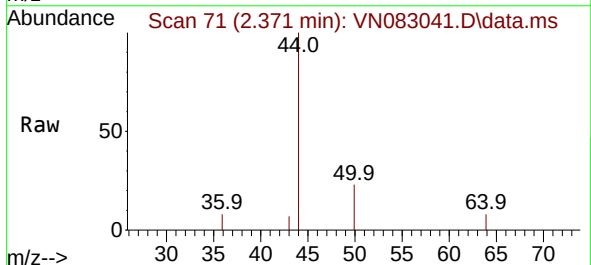
Instrument :
MSVOA_N
ClientSampleId :

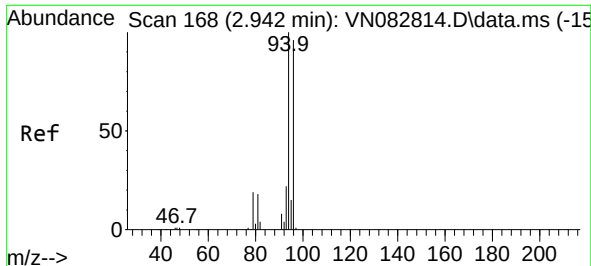
Tgt Ion:168 Resp: 158534
Ion Ratio Lower Upper
168 100
99 57.9 48.2 72.4



#3
Chloromethane
Concen: 0.433 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN083041.D
Acq: 26 Jul 2024 10:46

Tgt Ion: 50 Resp: 842
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

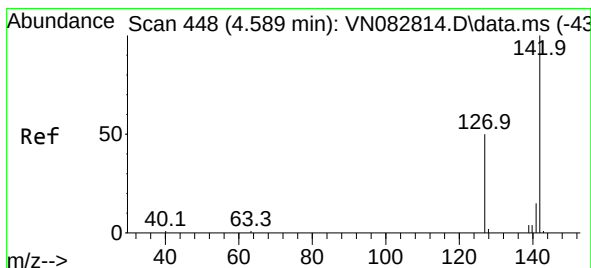
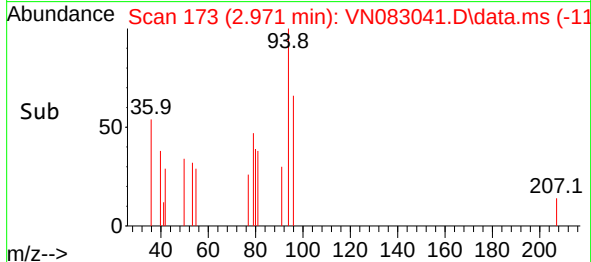
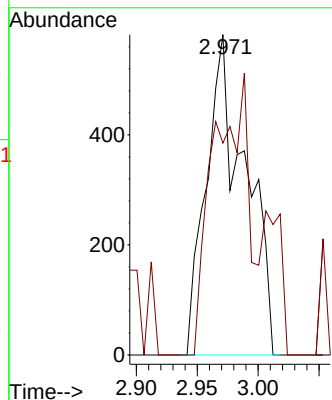
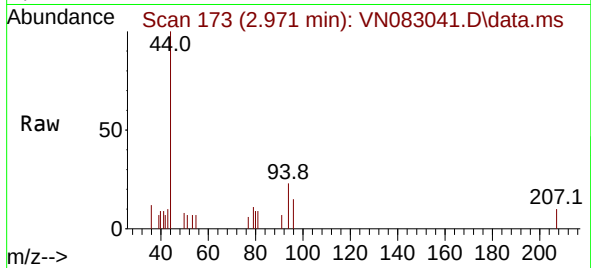




#5
Bromomethane
Concen: 0.879 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN083041.D
Acq: 26 Jul 2024 10:46

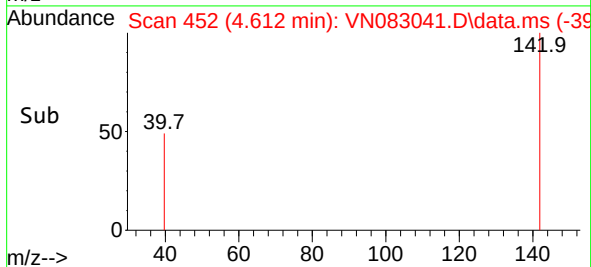
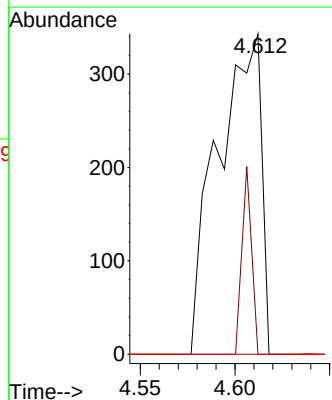
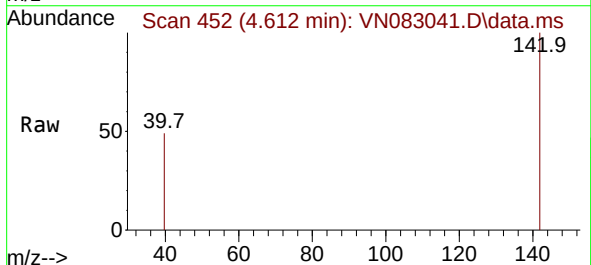
Instrument :
MSVOA_N
ClientSampleId :

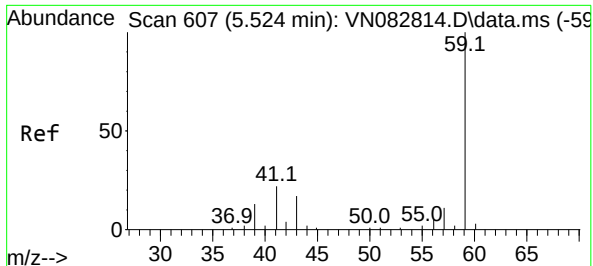
Tgt Ion: 94 Resp: 1296
Ion Ratio Lower Upper
94 100
96 66.2 78.0 117.0#



#10
Methyl Iodide
Concen: 0.321 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.024 min
Lab File: VN083041.D
Acq: 26 Jul 2024 10:46

Tgt Ion:142 Resp: 548
Ion Ratio Lower Upper
142 100
127 0.0 37.5 56.3#
141 0.0 13.1 19.7#





#11

Tert butyl alcohol

Concen: 0.358 ug/l

RT: 5.512 min Scan# 605

Delta R.T. -0.012 min

Lab File: VN083041.D

Acq: 26 Jul 2024 10:46

Instrument :

MSVOA_N

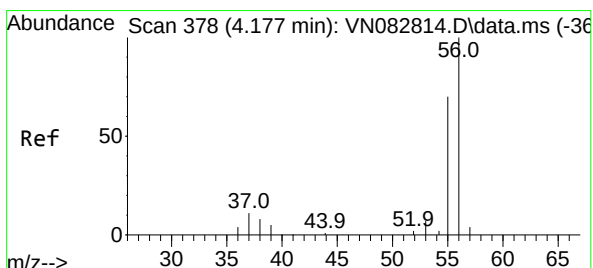
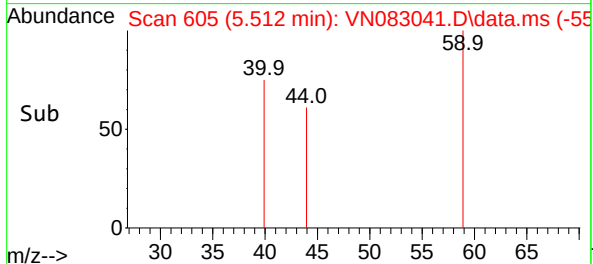
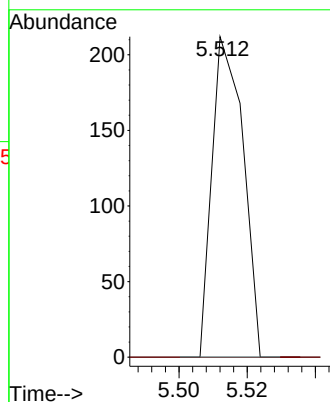
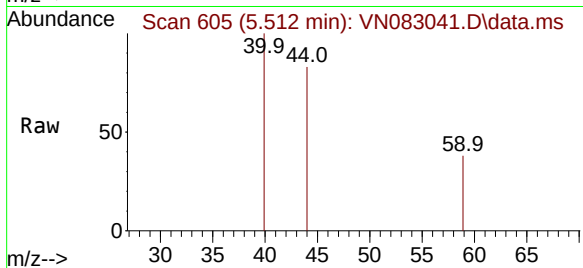
ClientSampleId :

Tgt Ion: 59 Resp: 134

Ion Ratio Lower Upper

59 100

57 0.0 8.9 13.3#



#13

Acrolein

Concen: 0.545 ug/l

RT: 4.183 min Scan# 379

Delta R.T. 0.006 min

Lab File: VN083041.D

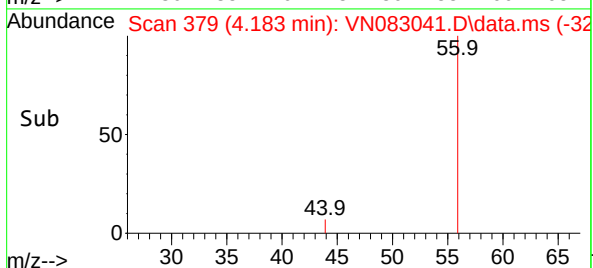
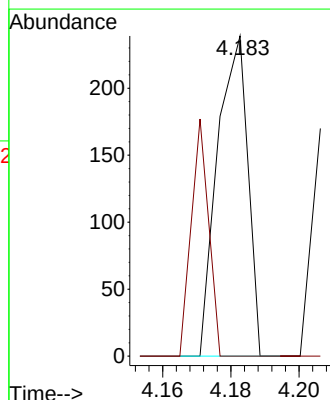
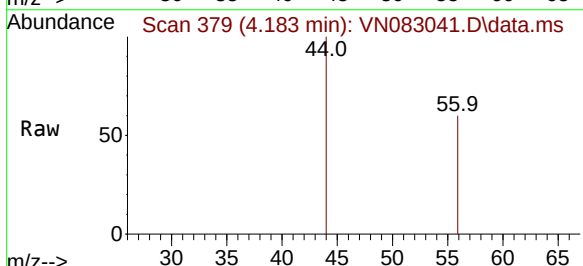
Acq: 26 Jul 2024 10:46

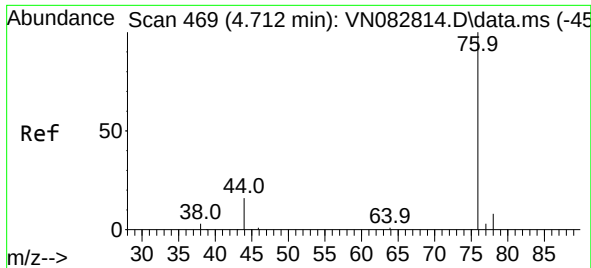
Tgt Ion: 56 Resp: 147

Ion Ratio Lower Upper

56 100

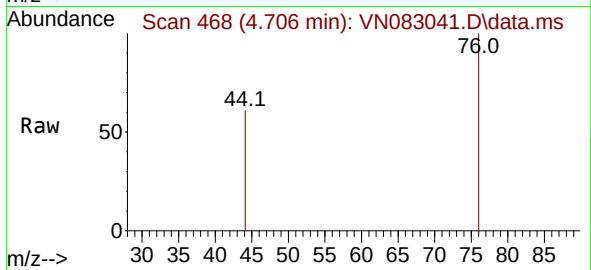
55 42.2 56.4 84.6#



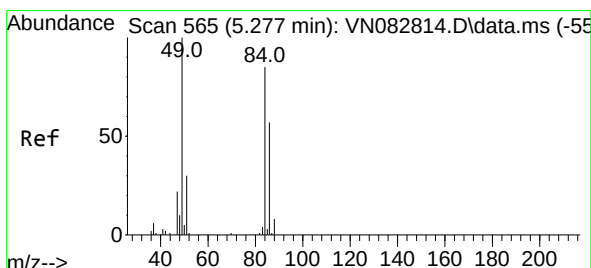
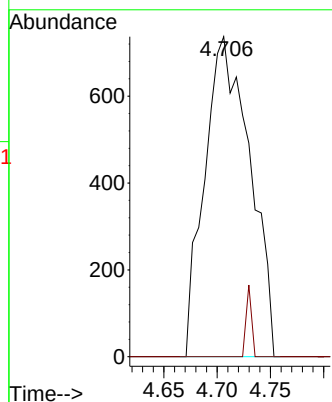
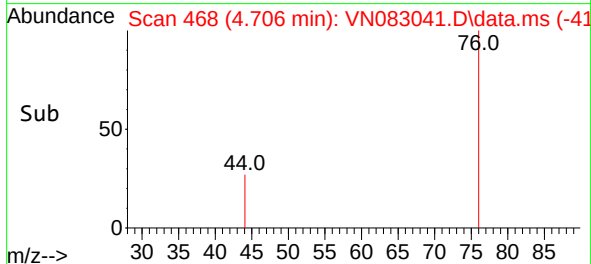


#17
Carbon Disulfide
Concen: 0.449 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN083041.D
Acq: 26 Jul 2024 10:46

Instrument :
MSVOA_N
ClientSampleId :

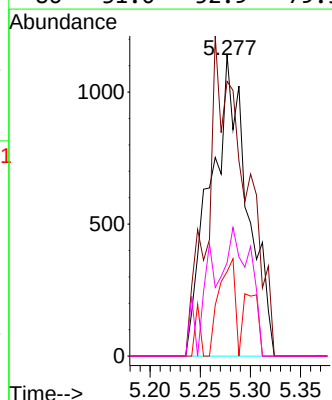
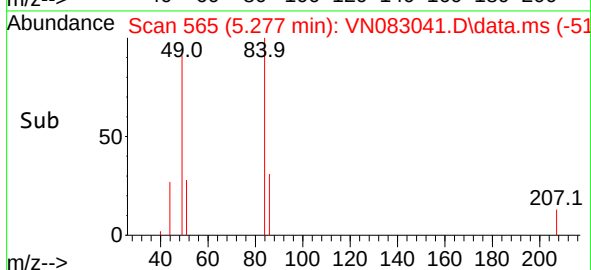
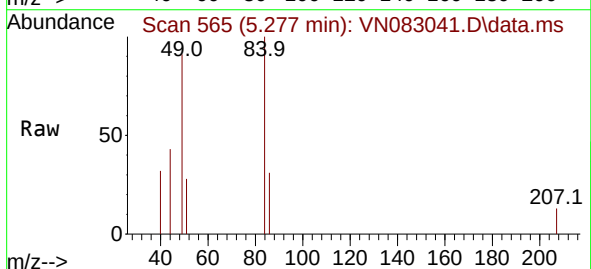


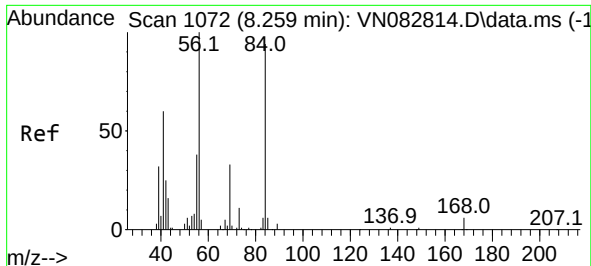
Tgt Ion: 76 Resp: 2173
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 1.555 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN083041.D
Acq: 26 Jul 2024 10:46

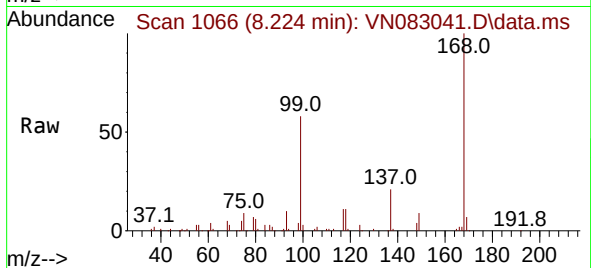
Tgt Ion: 84 Resp: 2938
Ion Ratio Lower Upper
84 100
49 91.2 119.6 179.4#
51 28.0 34.8 52.2#
86 31.0 52.9 79.3#



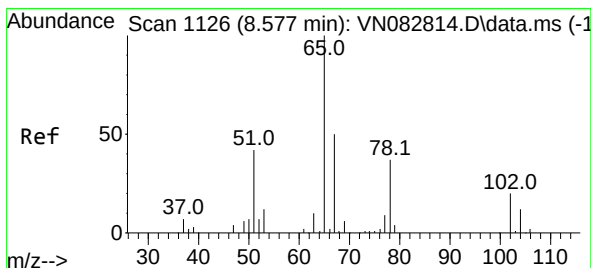
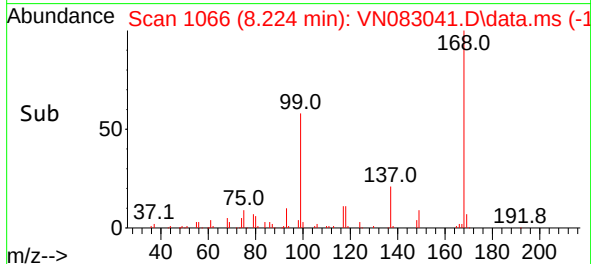
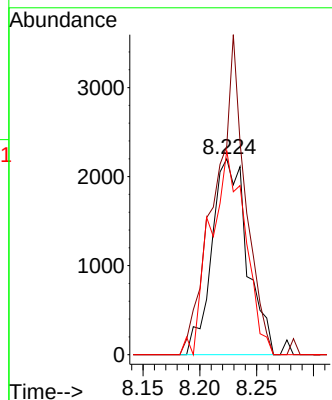


#31
Cyclohexane
Concen: 1.642 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083041.D
Acq: 26 Jul 2024 10:46

Instrument :
MSVOA_N
ClientSampleId :

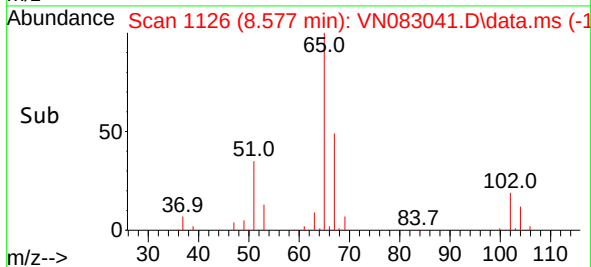
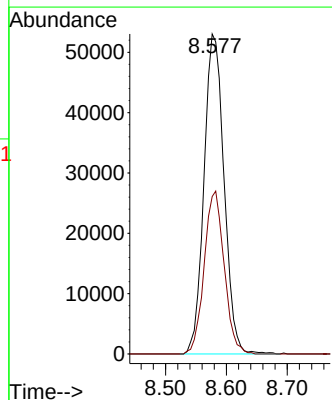
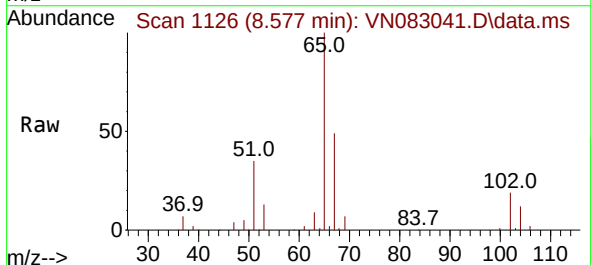


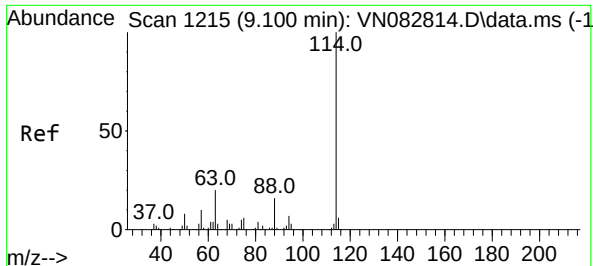
Tgt Ion: 56 Resp: 4771
Ion Ratio Lower Upper
56 100
69 106.5 24.5 36.7#
84 104.1 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 54.612 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083041.D
Acq: 26 Jul 2024 10:46

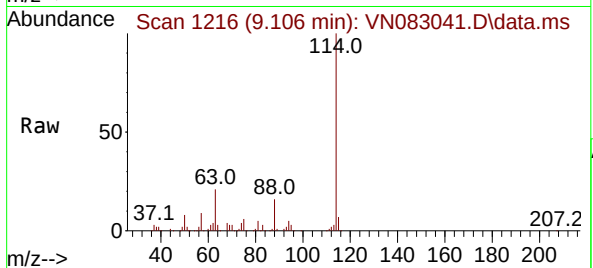
Tgt Ion: 65 Resp: 121366
Ion Ratio Lower Upper
65 100
67 50.7 0.0 104.4



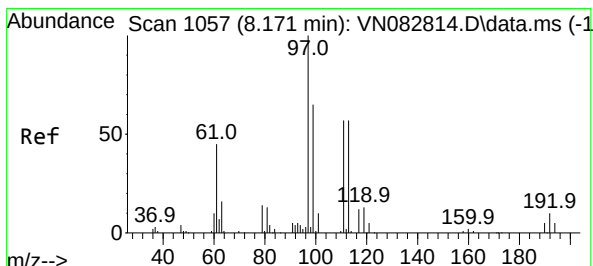
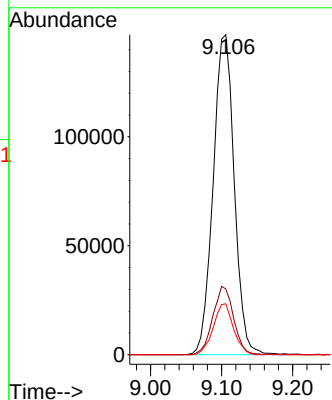
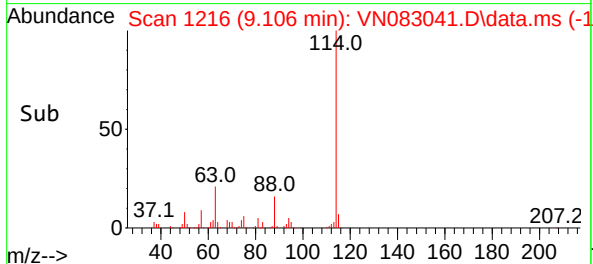


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083041.D
Acq: 26 Jul 2024 10:46

Instrument :
MSVOA_N
ClientSampleId :

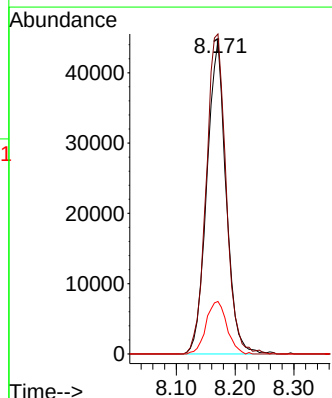
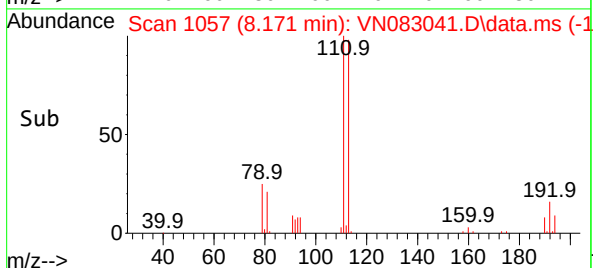
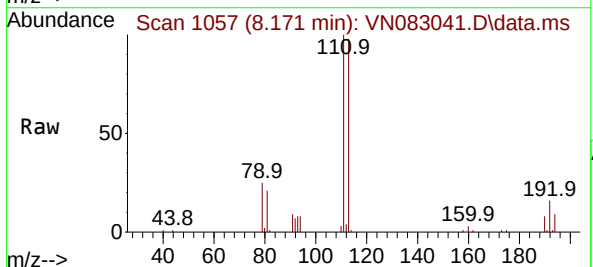


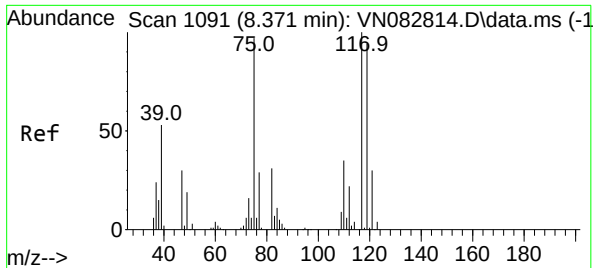
Tgt Ion:114 Resp: 302817
Ion Ratio Lower Upper
114 100
63 20.6 0.0 44.6
88 15.9 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.144 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083041.D
Acq: 26 Jul 2024 10:46

Tgt Ion:113 Resp: 101321
Ion Ratio Lower Upper
113 100
111 105.4 82.4 123.6
192 18.1 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.936 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083041.D

Acq: 26 Jul 2024 10:46

Instrument :

MSVOA_N

ClientSampleId :

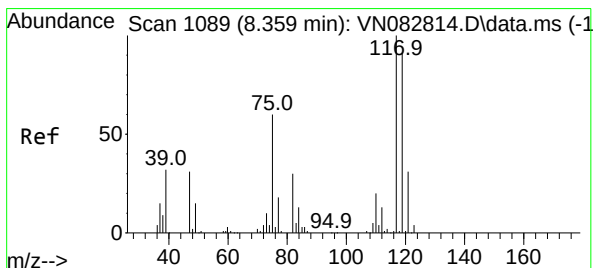
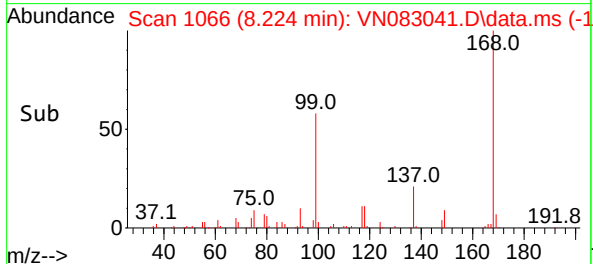
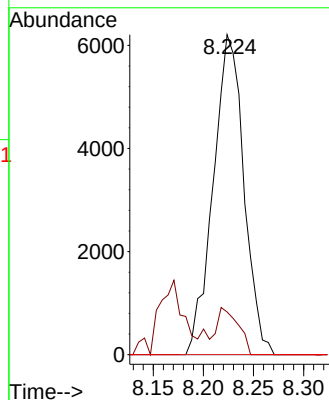
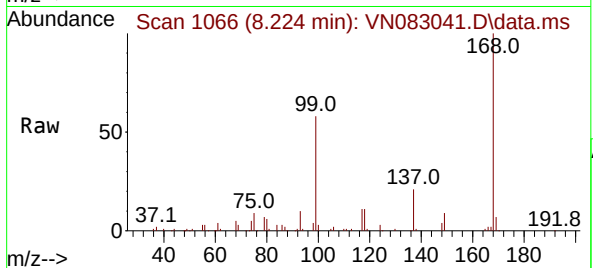
Tgt Ion: 75 Resp: 13225

Ion Ratio Lower Upper

75 100

110 10.2 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.582 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.136 min

Lab File: VN083041.D

Acq: 26 Jul 2024 10:46

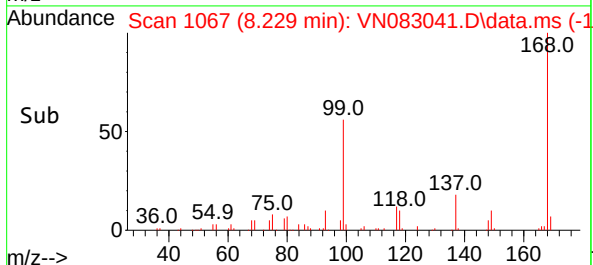
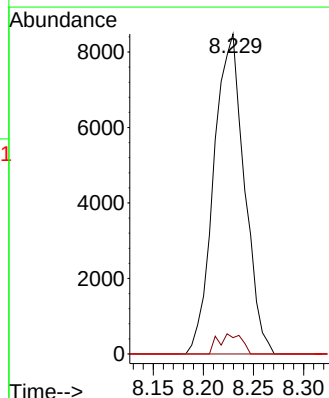
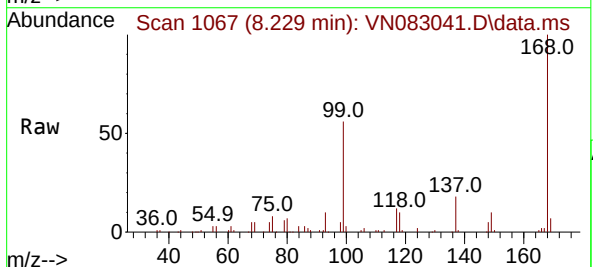
Tgt Ion: 117 Resp: 18004

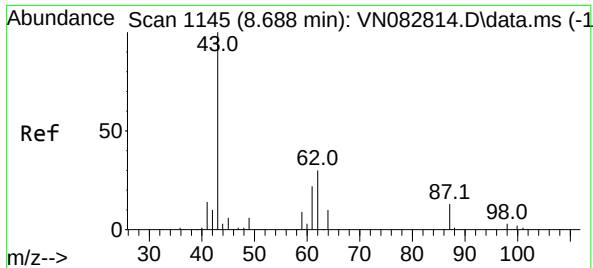
Ion Ratio Lower Upper

117 100

119 5.1 74.9 112.3#

121 0.0 24.3 36.5#

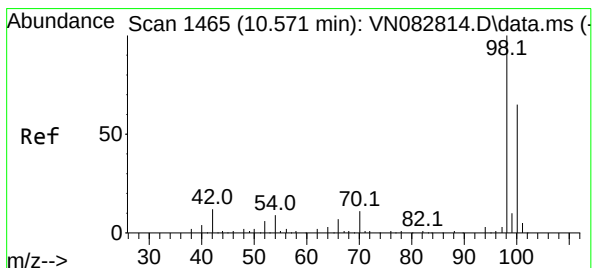
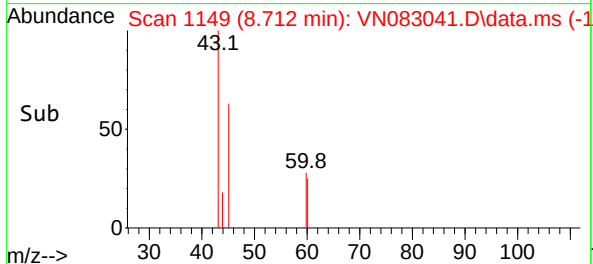
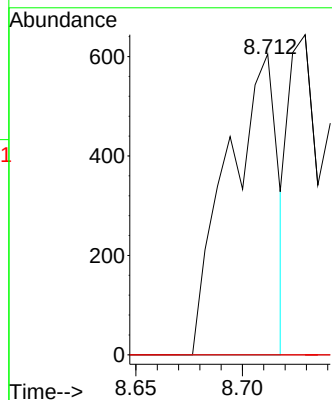
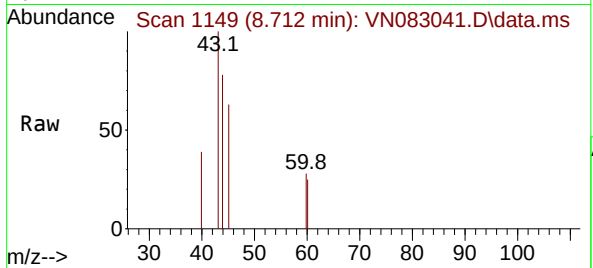




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.712 min Scan# 1149
Delta R.T. 0.018 min
Lab File: VN083041.D
Acq: 26 Jul 2024 10:46

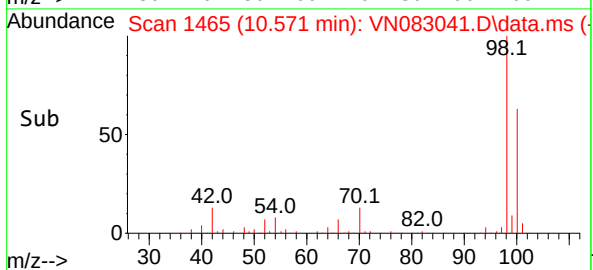
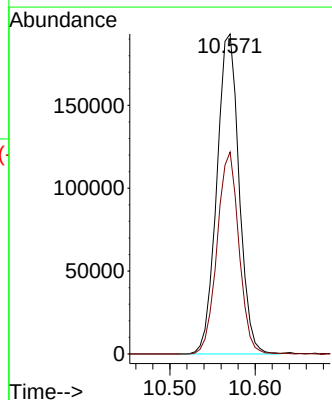
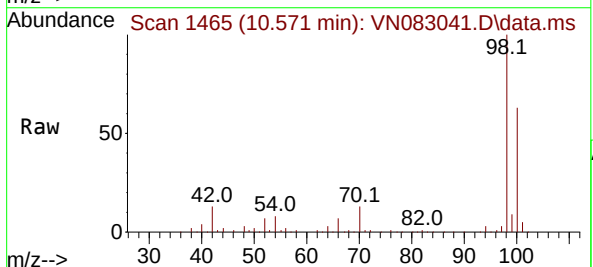
Instrument :
MSVOA_N
ClientSampleId :

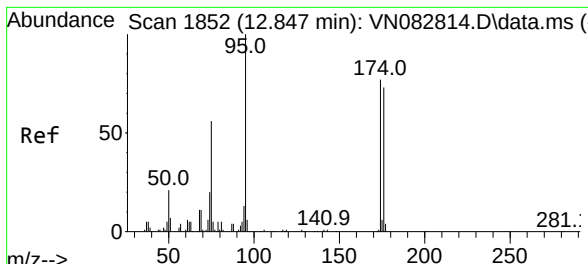
Tgt Ion: 43 Resp: 987
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 48.960 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN083041.D
Acq: 26 Jul 2024 10:46

Tgt Ion: 98 Resp: 351376
Ion Ratio Lower Upper
98 100
100 61.7 51.5 77.3

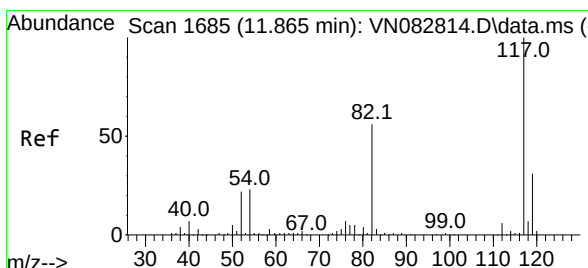
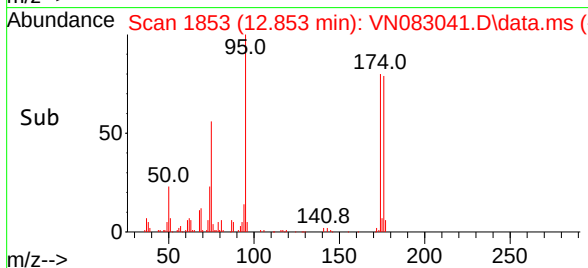
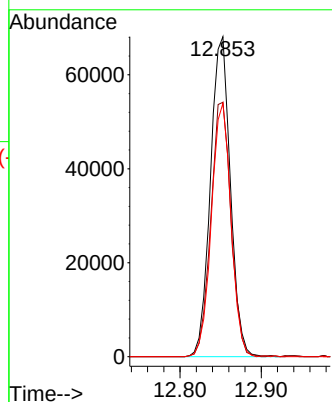
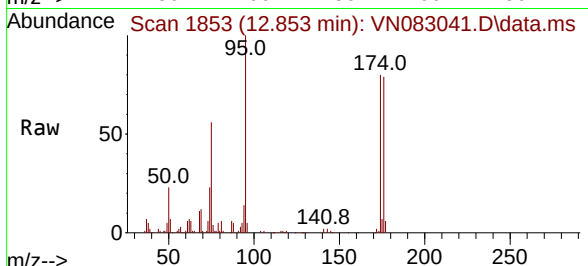




#62
4-Bromofluorobenzene
Concen: 45.026 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083041.D
Acq: 26 Jul 2024 10:46

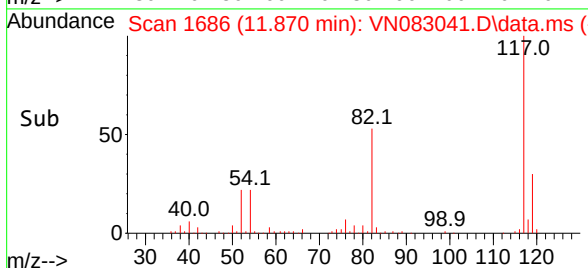
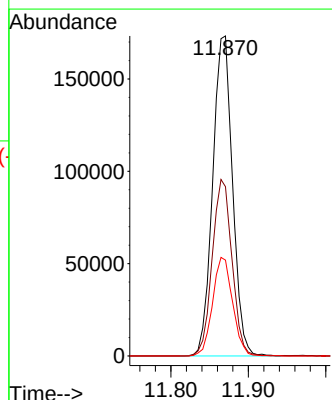
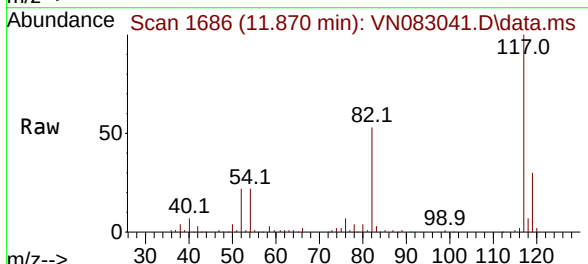
Instrument :
MSVOA_N
ClientSampleId :

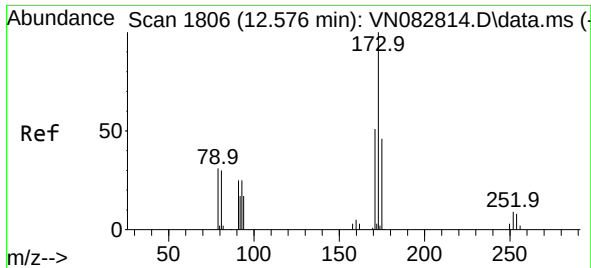
Tgt Ion: 95 Resp: 116075
Ion Ratio Lower Upper
95 100
174 80.4 0.0 159.2
176 77.6 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN083041.D
Acq: 26 Jul 2024 10:46

Tgt Ion: 117 Resp: 308671
Ion Ratio Lower Upper
117 100
82 52.9 47.5 71.3
119 30.0 25.6 38.4

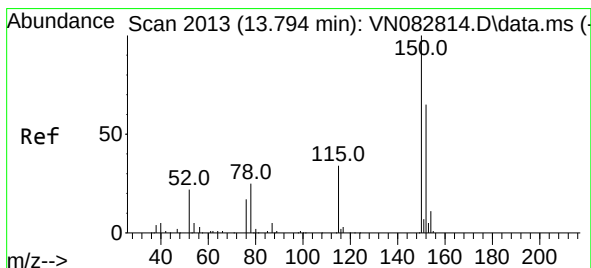
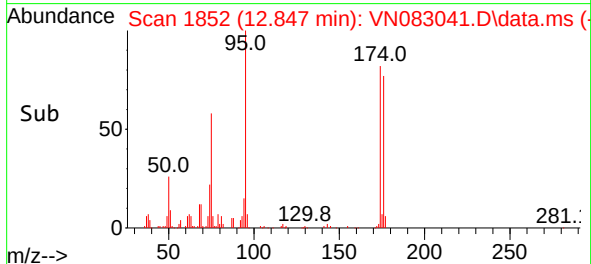
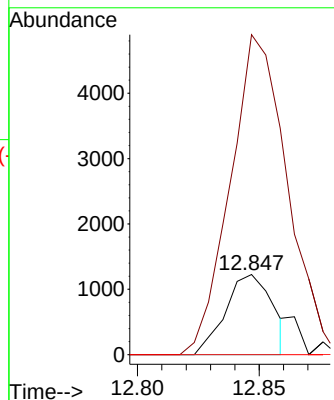
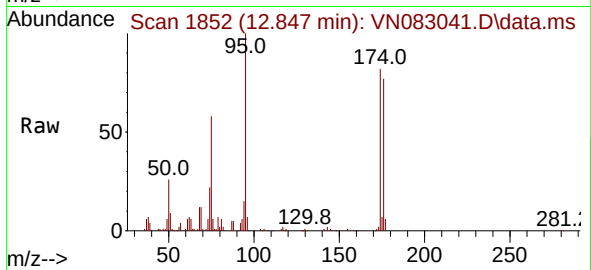




#71
Bromoform
Concen: 0.893 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.265 min
Lab File: VN083041.D
Acq: 26 Jul 2024 10:46

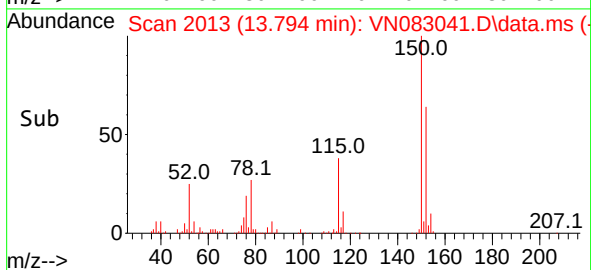
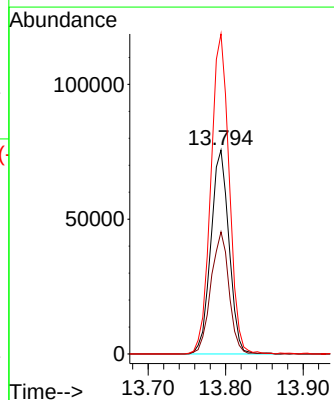
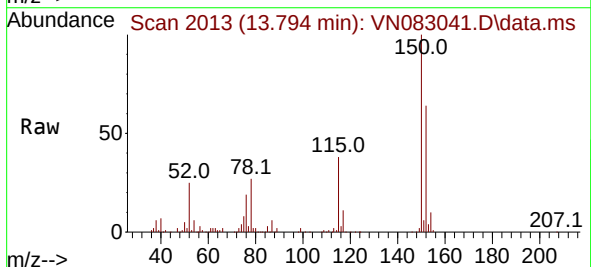
Instrument :
MSVOA_N
ClientSampleId :

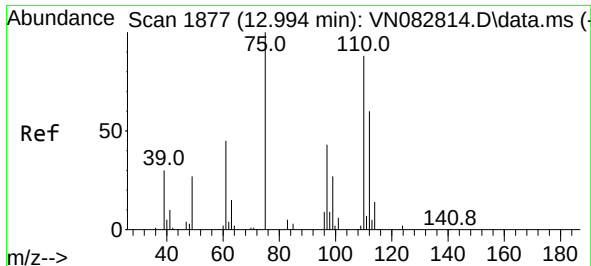
Tgt Ion:173 Resp: 1652
Ion Ratio Lower Upper
173 100
175 409.5 24.0 72.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083041.D
Acq: 26 Jul 2024 10:46

Tgt Ion:152 Resp: 123038
Ion Ratio Lower Upper
152 100
115 59.7 30.6 91.6
150 158.5 0.0 348.6

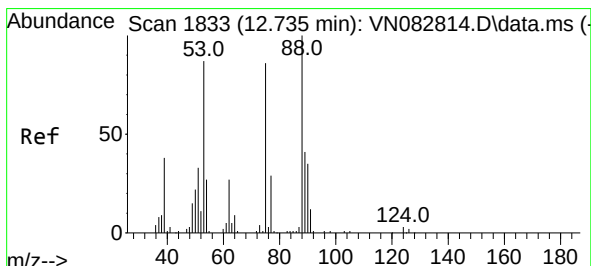
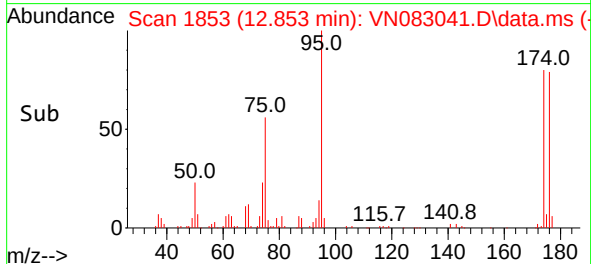
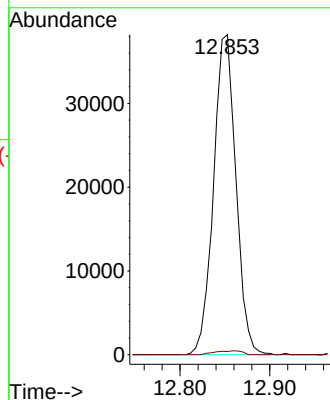
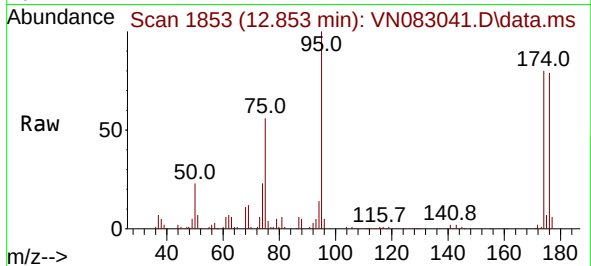




#76
1,2,3-Trichloropropane
Concen: 31.181 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN083041.D
Acq: 26 Jul 2024 10:46

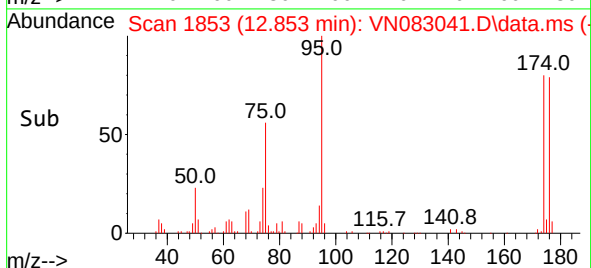
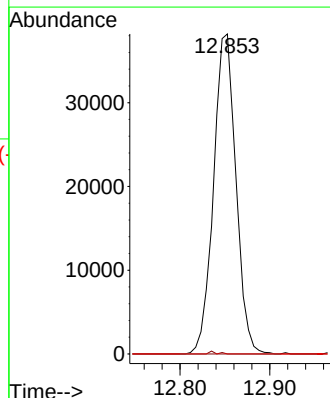
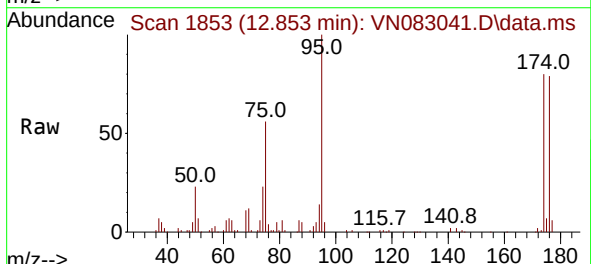
Instrument :
MSVOA_N
ClientSampleId :

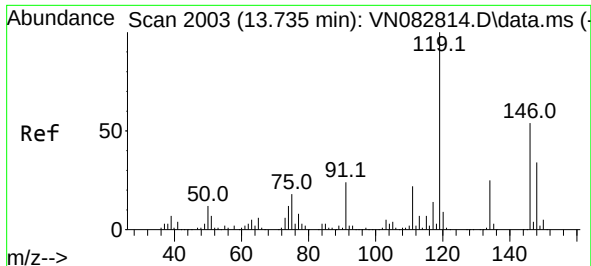
Tgt Ion: 75 Resp: 66142
Ion Ratio Lower Upper
75 100
77 1.5 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.323 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN083041.D
Acq: 26 Jul 2024 10:46

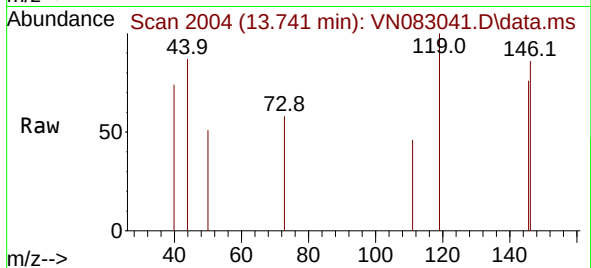
Tgt Ion: 75 Resp: 66142
Ion Ratio Lower Upper
75 100
53 0.3 88.4 132.6#
89 0.0 36.3 54.5#



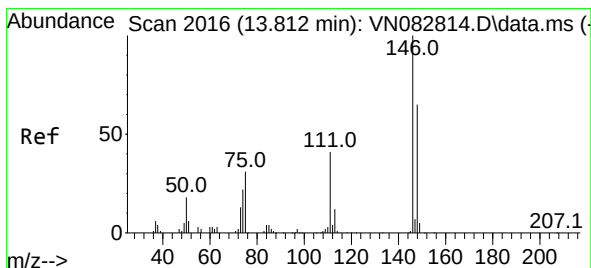
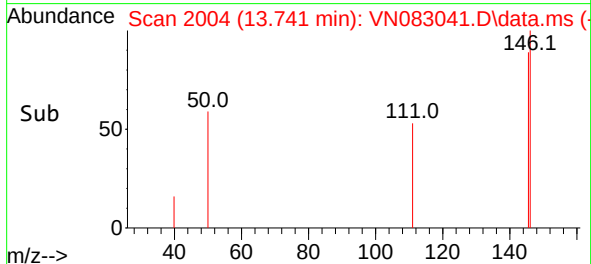
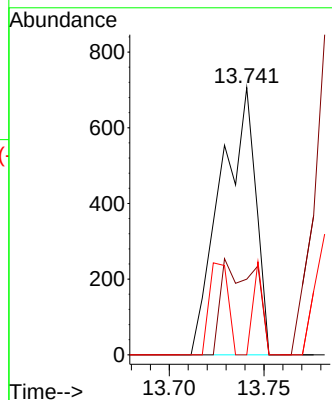


#87
1,3-Dichlorobenzene
Concen: 0.218 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.006 min
Lab File: VN083041.D
Acq: 26 Jul 2024 10:46

Instrument :
MSVOA_N
ClientSampleId :

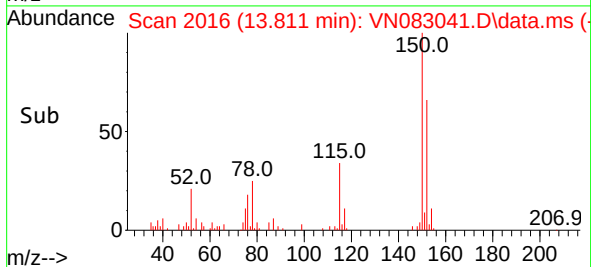
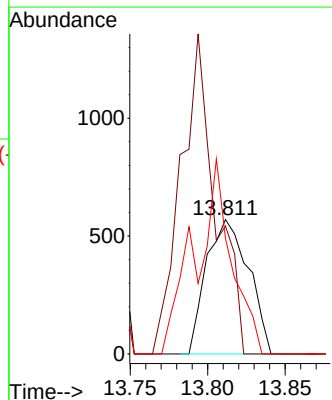
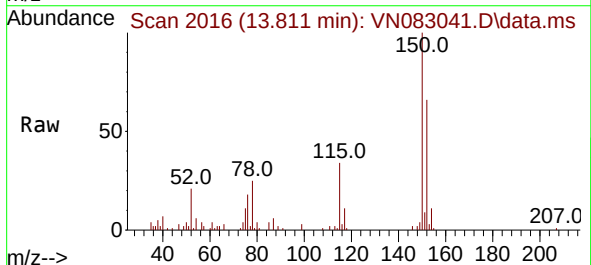


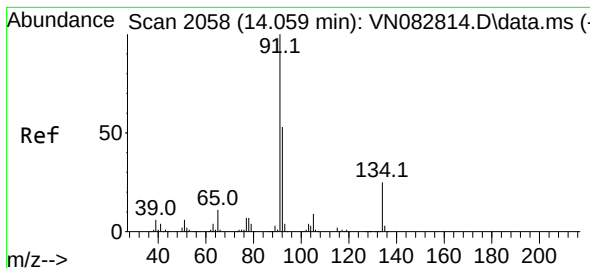
Tgt Ion:146 Resp: 908
Ion Ratio Lower Upper
146 100
111 0.0 20.6 61.9#
148 9.6 31.8 95.3#



#88
1,4-Dichlorobenzene
Concen: 0.250 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN083041.D
Acq: 26 Jul 2024 10:46

Tgt Ion:146 Resp: 1078
Ion Ratio Lower Upper
146 100
111 195.5 20.1 60.3#
148 125.2 32.2 96.6#





#89

n-Butylbenzene

Concen: 0.334 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.005 min

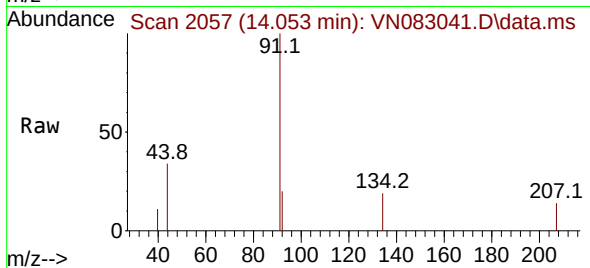
Lab File: VN083041.D

Acq: 26 Jul 2024 10:46

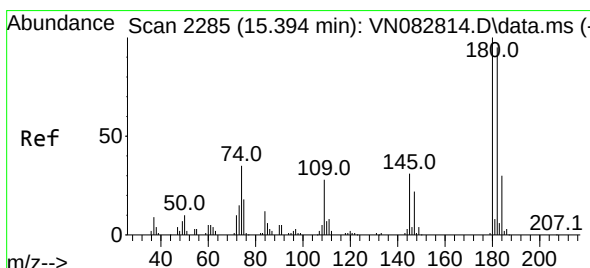
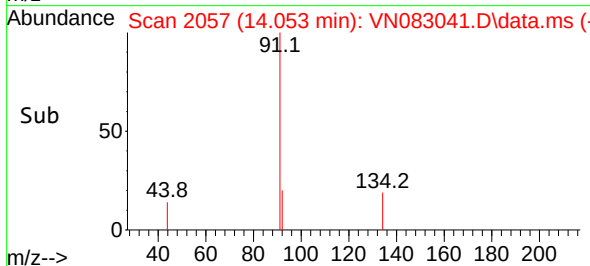
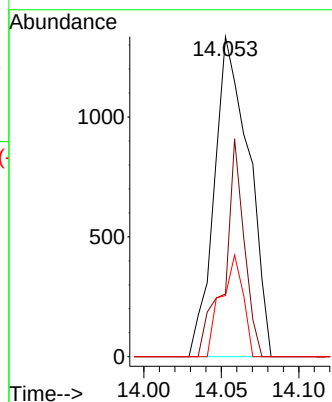
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 91	Resp:	2065
Ion	Ratio	Lower Upper
91	100	
92	38.5	26.1 78.3
134	20.1	12.1 36.3



#93

1,2,4-Trichlorobenzene

Concen: 0.472 ug/l

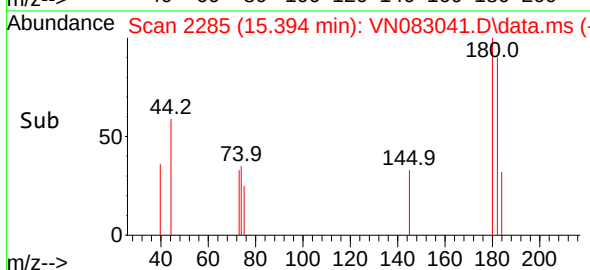
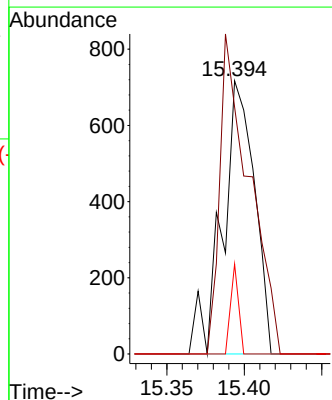
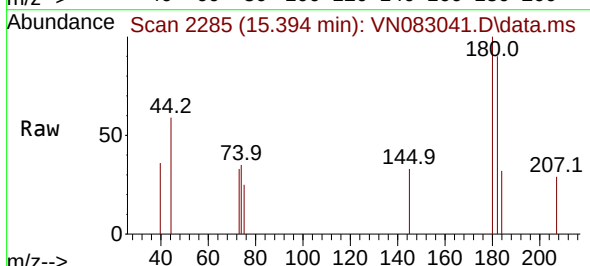
RT: 15.394 min Scan# 2285

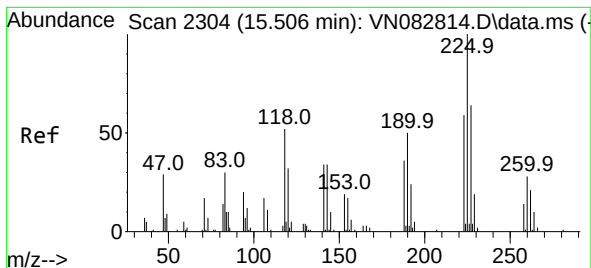
Delta R.T. -0.000 min

Lab File: VN083041.D

Acq: 26 Jul 2024 10:46

Tgt Ion: 180	Resp:	1029
Ion	Ratio	Lower Upper
180	100	
182	107.1	47.3 141.8
145	8.1	15.7 47.1#





#94

Hexachlorobutadiene

Concen: 1.115 ug/l

RT: 15.500 min Scan# 21

Delta R.T. -0.005 min

Lab File: VN083041.D

Acq: 26 Jul 2024 10:46

Instrument :

MSVOA_N

ClientSampleId :

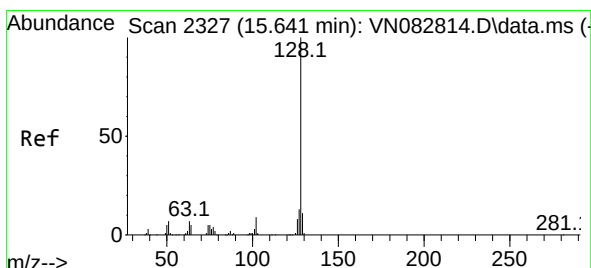
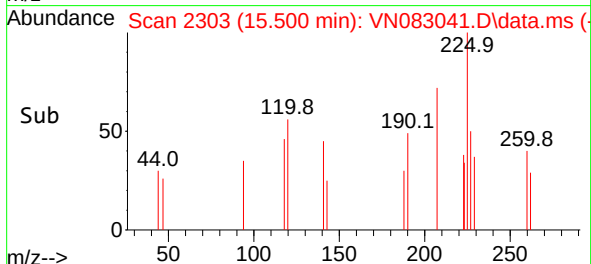
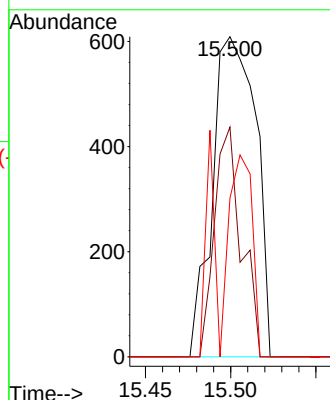
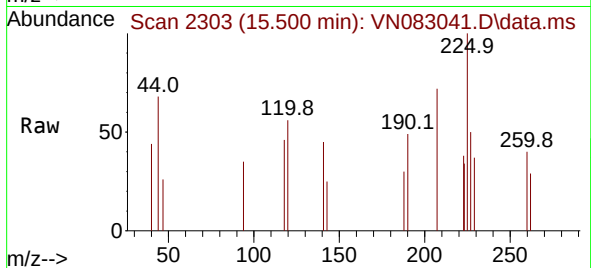
Tgt Ion:225 Resp: 1077

Ion Ratio Lower Upper

225 100

223 44.5 31.9 95.7

227 33.9 32.5 97.5



#95

Naphthalene

Concen: 0.319 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.006 min

Lab File: VN083041.D

Acq: 26 Jul 2024 10:46

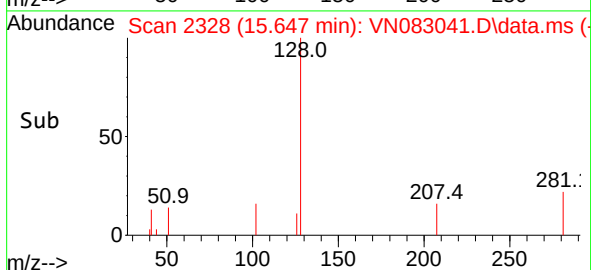
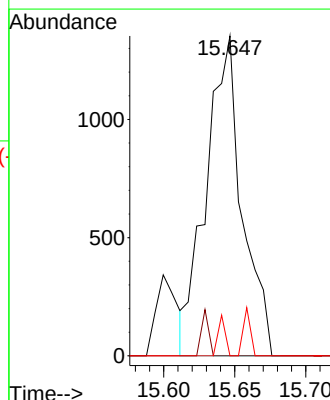
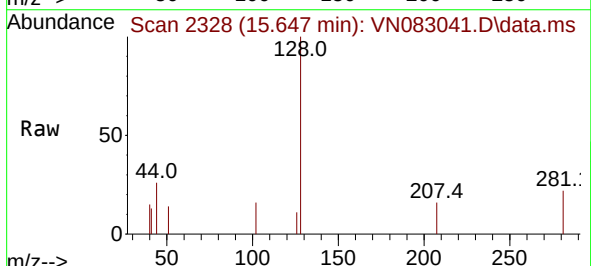
Tgt Ion:128 Resp: 2378

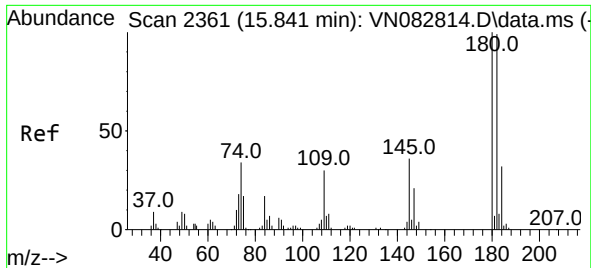
Ion Ratio Lower Upper

128 100

127 2.9 10.6 16.0#

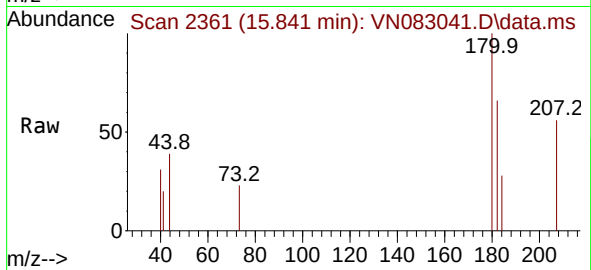
129 2.6 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.590 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN083041.D
 Acq: 26 Jul 2024 10:46

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 1321
 Ion Ratio Lower Upper
 180 100
 182 0.0 48.9 146.8#
 145 17.8 16.8 50.4

