

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081524\
 Data File : VN083328.D
 Acq On : 15 Aug 2024 13:59
 Operator : JC\MD
 Sample : P3622-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB

Quant Time: Aug 16 01:50:57 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)

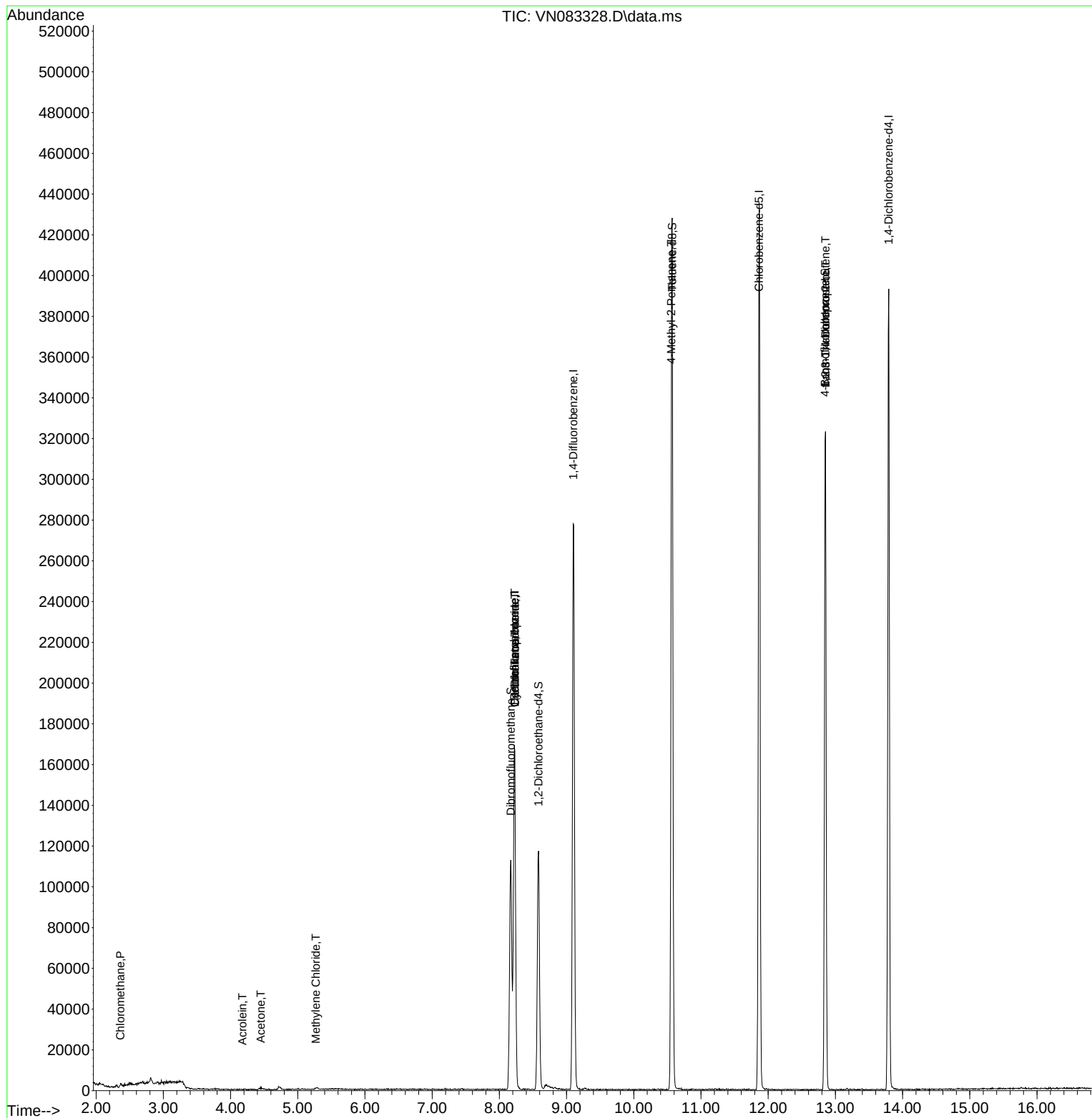
Internal Standards						
1) Pentafluorobenzene	8.223	168	117380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	237490	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	242732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	102910	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	102220	61.181	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 122.360%	
35) Dibromofluoromethane	8.171	113	81097	54.708	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.420%	
50) Toluene-d8	10.570	98	299653	54.191	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.380%	
62) 4-Bromofluorobenzene	12.847	95	118251	54.854	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 109.700%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1030	0.756	ug/l	90
13) Acrolein	4.177	56	65	0.287	ug/l #	14
16) Acetone	4.447	43	1649	2.522	ug/l	95
20) Methylene Chloride	5.271	84	428	0.284	ug/l #	42
31) Cyclohexane	8.229	56	2751	1.111	ug/l #	1
36) 1,1-Dichloropropene	8.229	75	10766	4.801	ug/l #	51
38) Carbon Tetrachloride	8.229	117	13515	5.351	ug/l #	17
43) Isopropyl Acetate	8.712	43	2515	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.559	43	1502	0.633	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	65332	28.926	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	65332	62.920	ug/l #	6

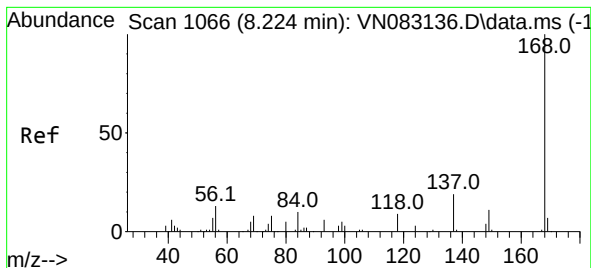
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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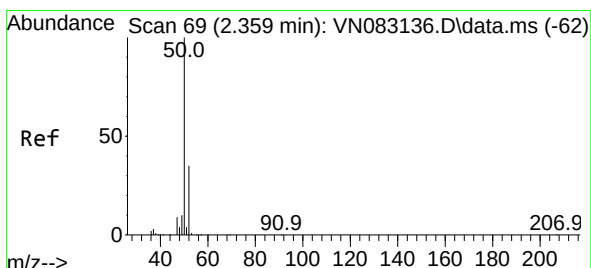
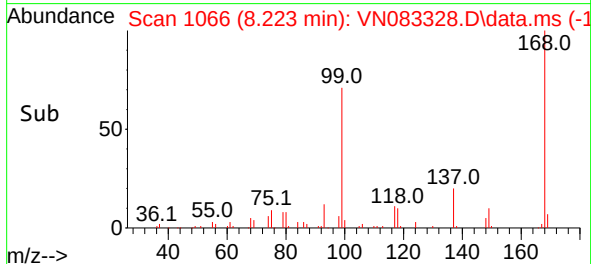
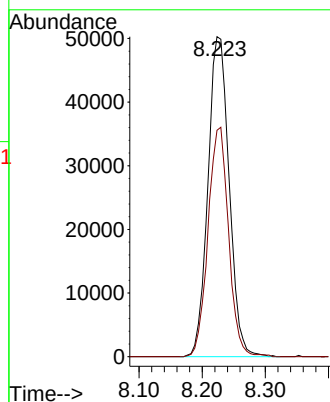
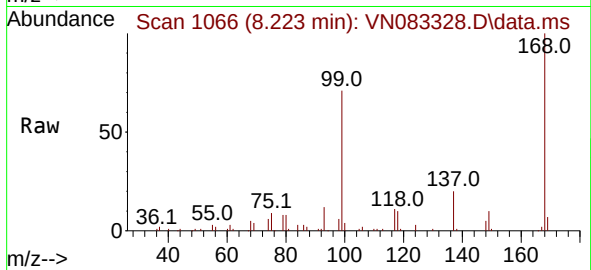




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.223 min Scan# 1066
Delta R.T. -0.001 min
Lab File: VN083328.D
Acq: 15 Aug 2024 13:59

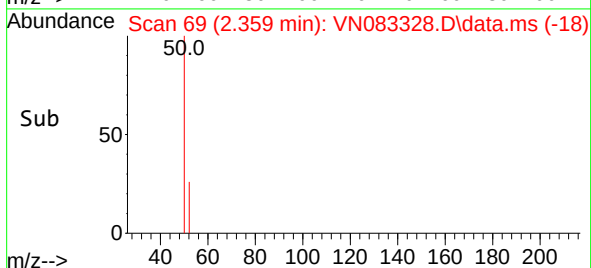
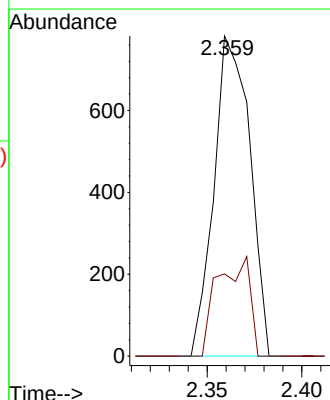
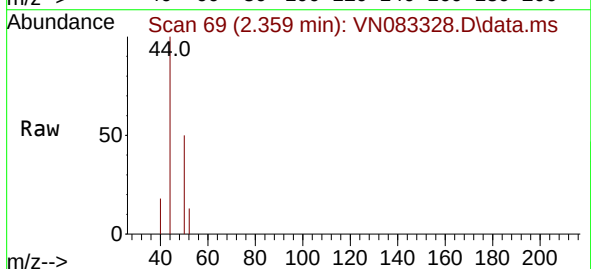
Instrument :
MSVOA_N
ClientSampleId :
TB

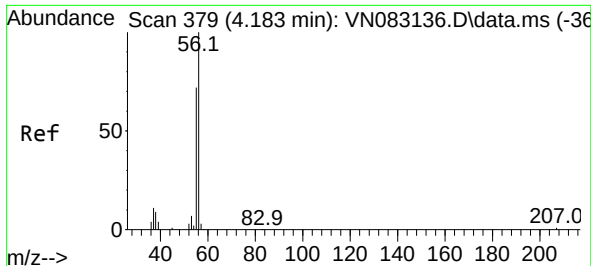
Tgt Ion:168 Resp: 117380
Ion Ratio Lower Upper
168 100
99 70.8 48.2 72.4



#3
Chloromethane
Concen: 0.756 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083328.D
Acq: 15 Aug 2024 13:59

Tgt Ion: 50 Resp: 1030
Ion Ratio Lower Upper
50 100
52 25.7 25.0 37.4

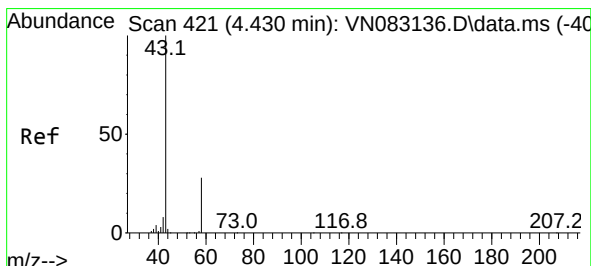
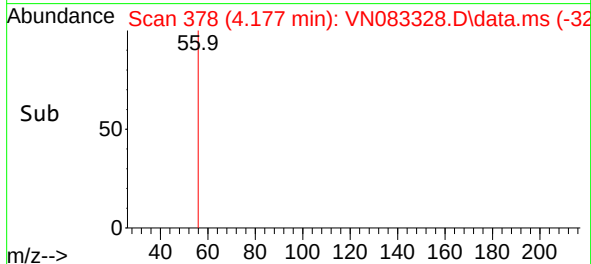
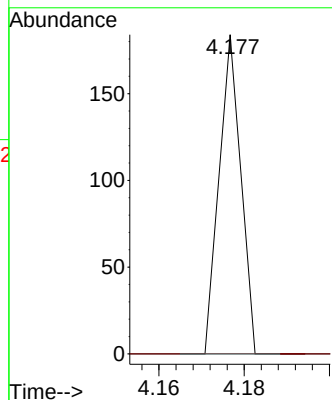
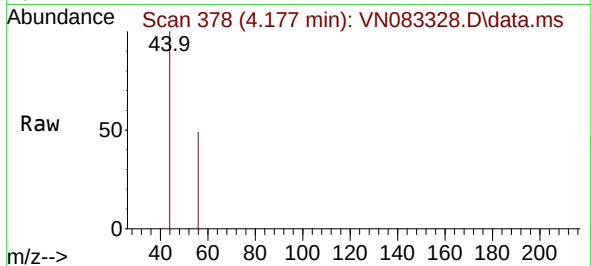




#13
Acrolein
Concen: 0.287 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN083328.D
Acq: 15 Aug 2024 13:59

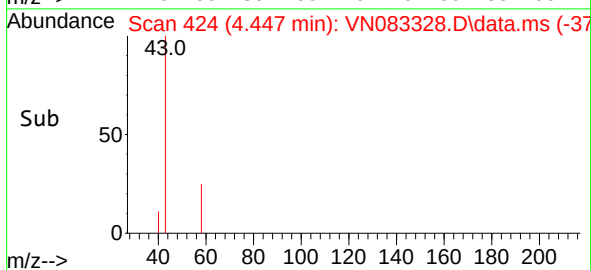
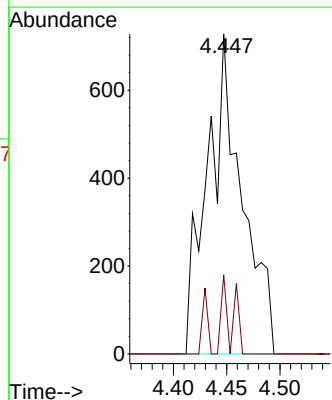
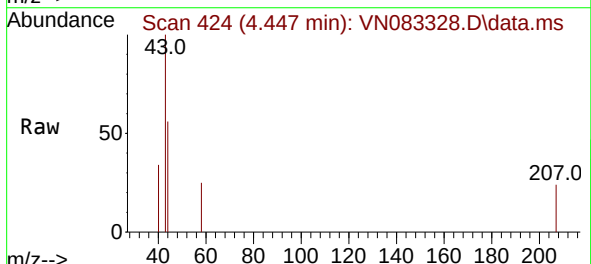
Instrument :
MSVOA_N
ClientSampleId :
TB

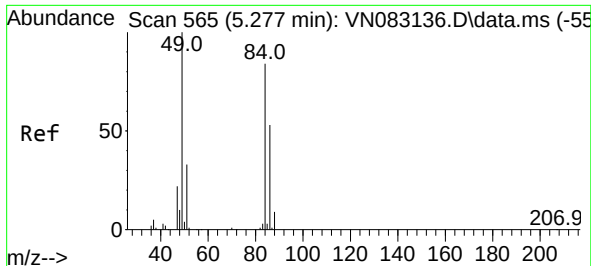
Tgt Ion: 56 Resp: 65
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 2.522 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.017 min
Lab File: VN083328.D
Acq: 15 Aug 2024 13:59

Tgt Ion: 43 Resp: 1649
Ion Ratio Lower Upper
43 100
58 24.7 21.8 32.6





#20

Methylene Chloride

Concen: 0.284 ug/l

RT: 5.271 min Scan# 51

Delta R.T. -0.006 min

Lab File: VN083328.D

Acq: 15 Aug 2024 13:59

Instrument :

MSVOA_N

ClientSampleId :

TB

Tgt Ion: 84 Resp: 428

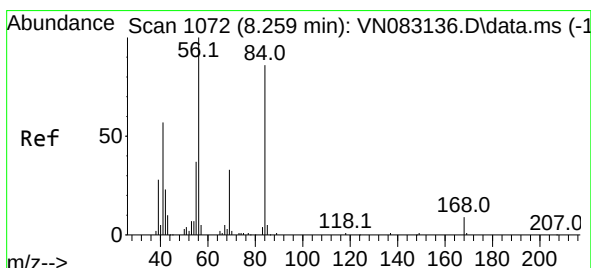
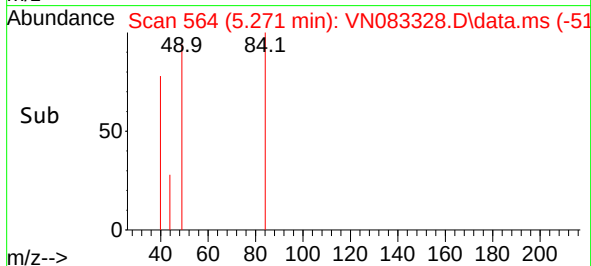
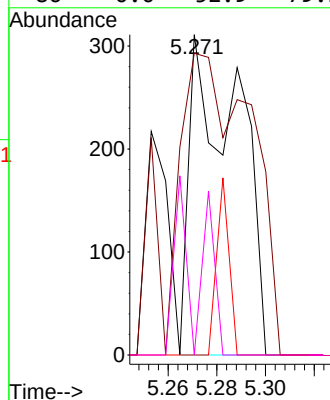
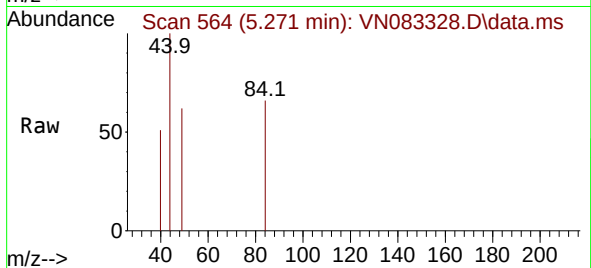
Ion Ratio Lower Upper

84 100

49 94.2 119.6 179.4#

51 0.0 34.8 52.2#

86 0.0 52.9 79.3#



#31

Cyclohexane

Concen: 1.111 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.030 min

Lab File: VN083328.D

Acq: 15 Aug 2024 13:59

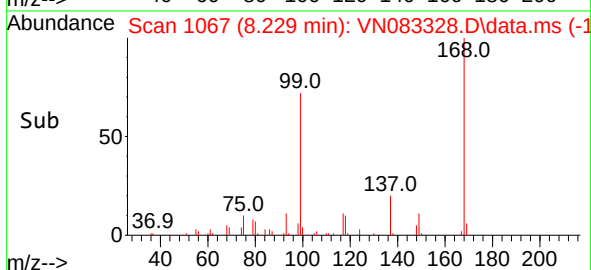
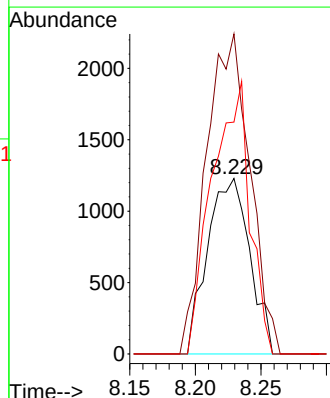
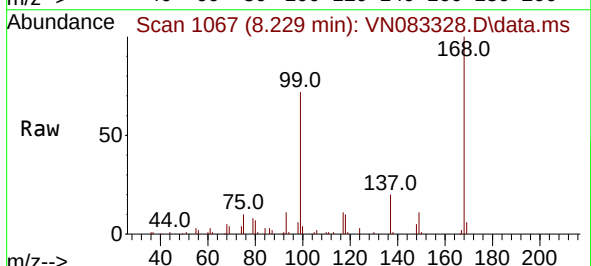
Tgt Ion: 56 Resp: 2751

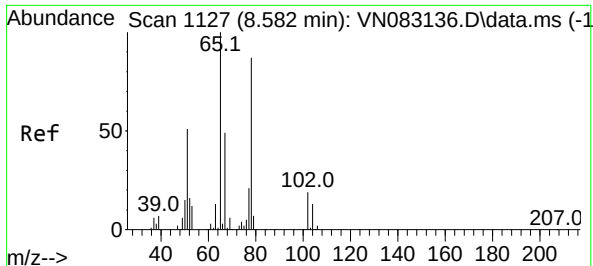
Ion Ratio Lower Upper

56 100

69 182.3 24.5 36.7#

84 132.1 66.0 99.0#





#33

1,2-Dichloroethane-d4

Concen: 61.181 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN083328.D

Acq: 15 Aug 2024 13:59

Instrument :

MSVOA_N

ClientSampleId :

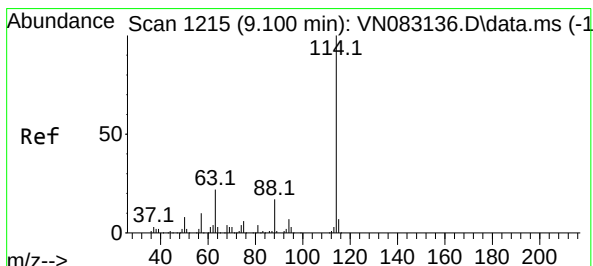
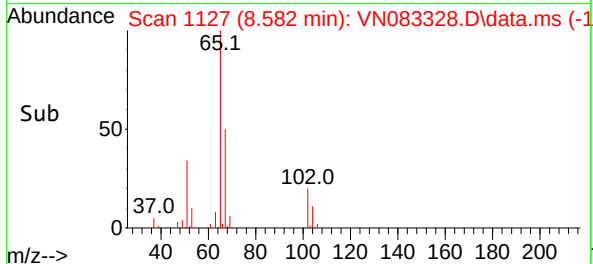
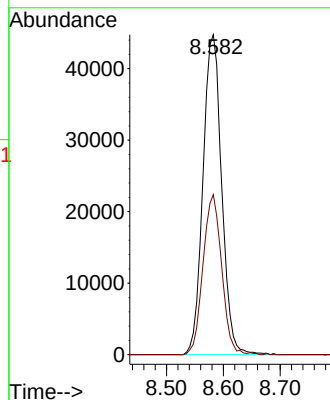
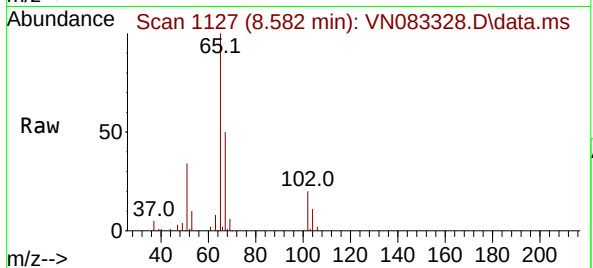
TB

Tgt Ion: 65 Resp: 102220

Ion Ratio Lower Upper

65 100

67 49.6 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083328.D

Acq: 15 Aug 2024 13:59

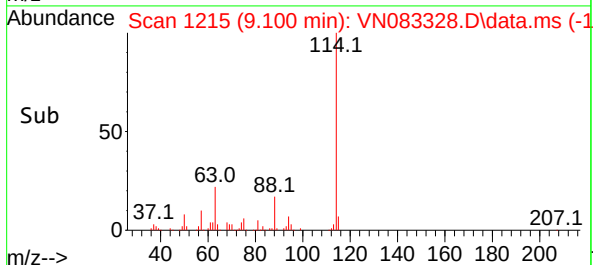
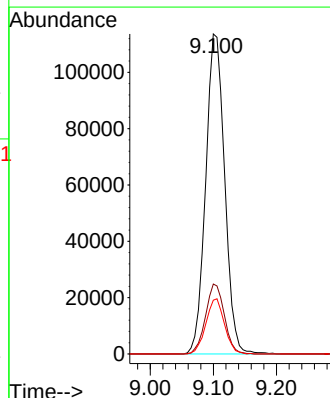
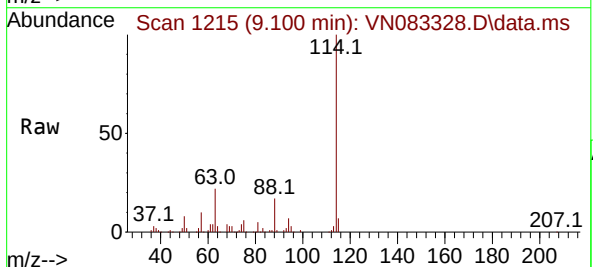
Tgt Ion: 114 Resp: 237490

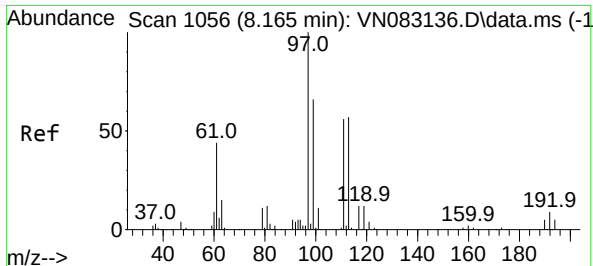
Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.6

88 16.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 54.708 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN083328.D

Acq: 15 Aug 2024 13:59

Instrument :

MSVOA_N

ClientSampleId :

TB

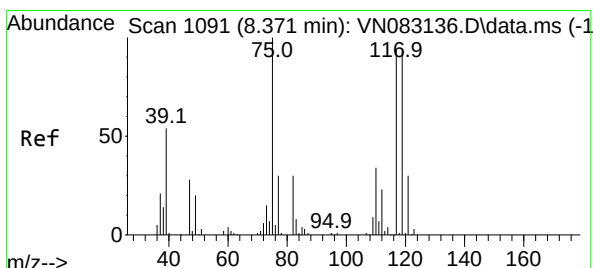
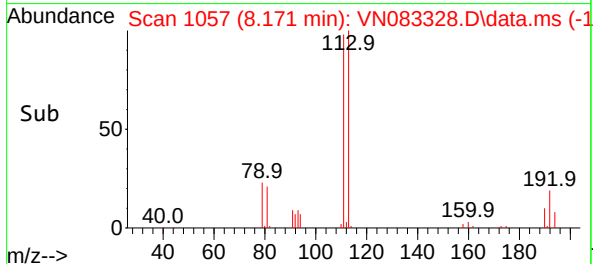
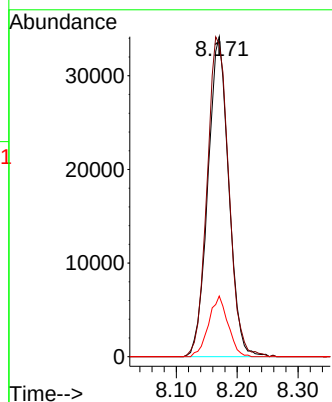
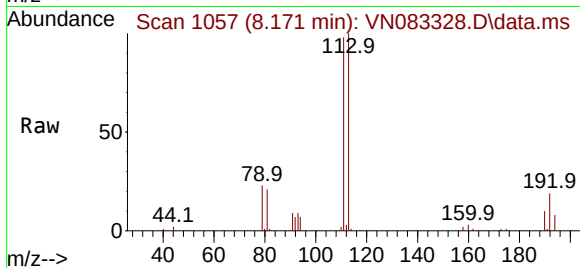
Tgt Ion:113 Resp: 81097

Ion Ratio Lower Upper

113 100

111 103.8 82.4 123.6

192 17.6 14.9 22.3



#36

1,1-Dichloropropene

Concen: 4.801 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN083328.D

Acq: 15 Aug 2024 13:59

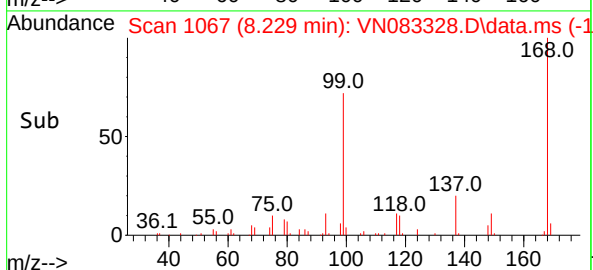
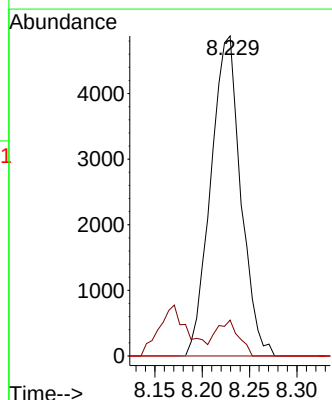
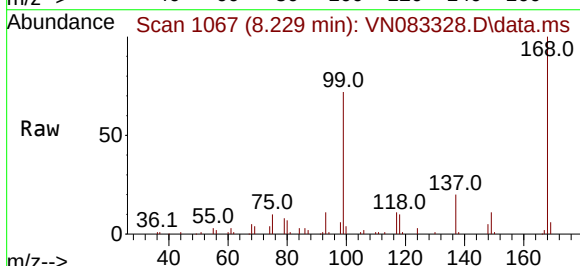
Tgt Ion: 75 Resp: 10766

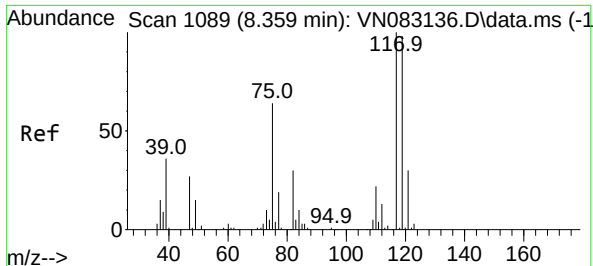
Ion Ratio Lower Upper

75 100

110 8.4 16.3 48.9#

77 0.0 24.6 37.0#

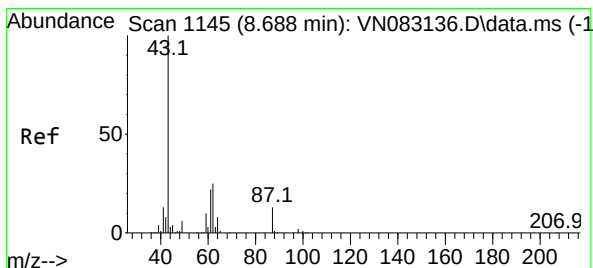
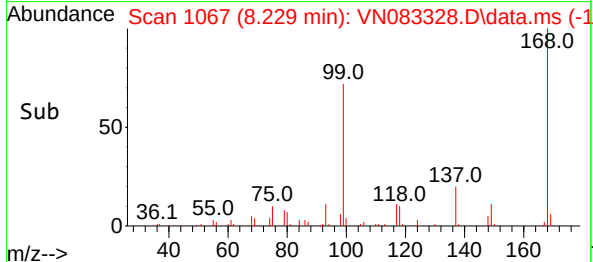
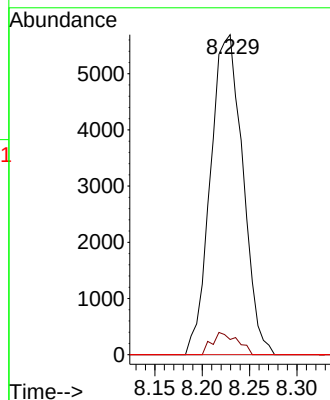
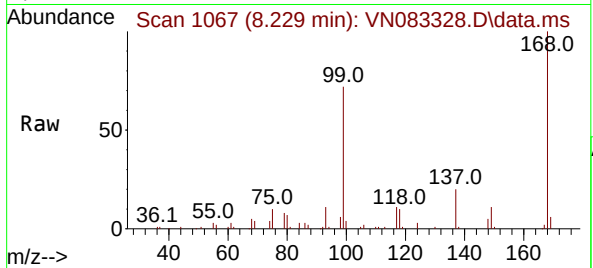




#38
Carbon Tetrachloride
Concen: 5.351 ug/l
RT: 8.229 min Scan# 1107
Delta R.T. -0.130 min
Lab File: VN083328.D
Acq: 15 Aug 2024 13:59

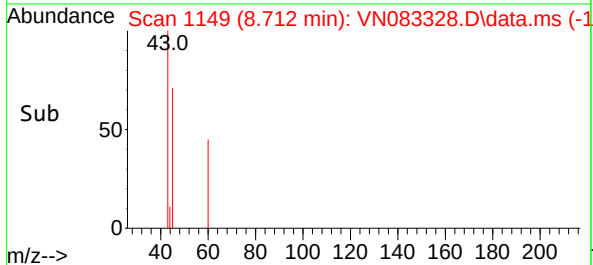
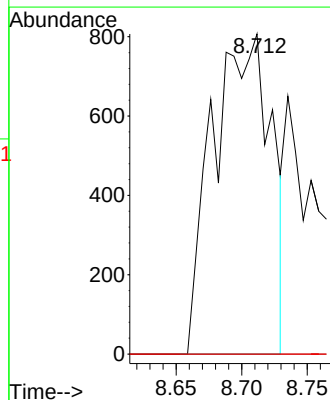
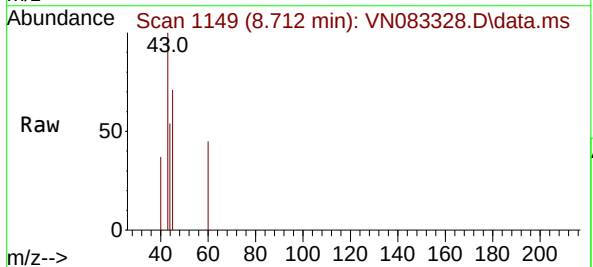
Instrument :
MSVOA_N
ClientSampleId :
TB

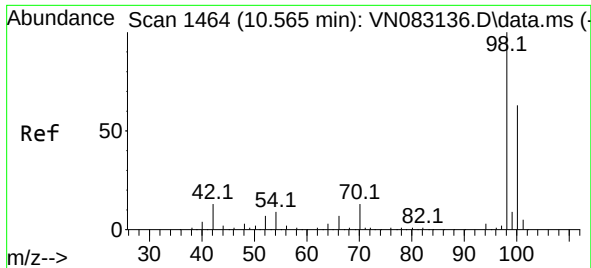
Tgt Ion:117 Resp: 13515
Ion Ratio Lower Upper
117 100
119 4.8 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.712 min Scan# 1149
Delta R.T. 0.024 min
Lab File: VN083328.D
Acq: 15 Aug 2024 13:59

Tgt Ion: 43 Resp: 2515
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

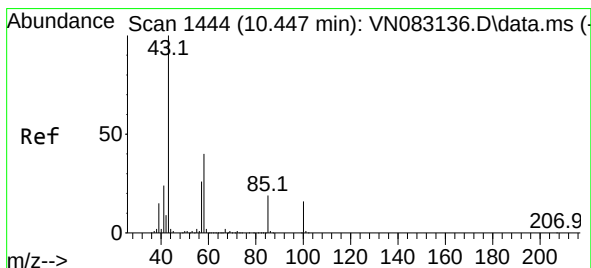
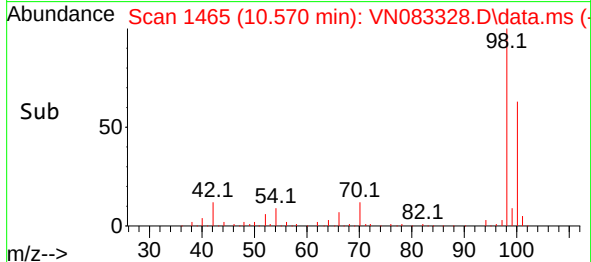
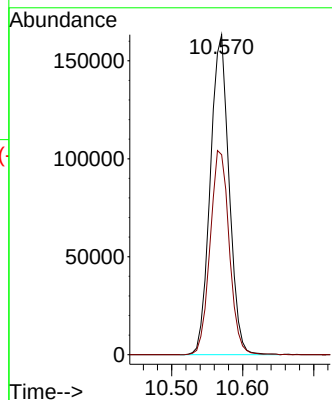
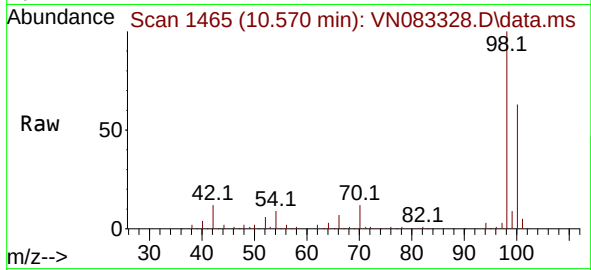




#50
Toluene-d8
Concen: 54.191 ug/l
RT: 10.570 min Scan# 1464
Delta R.T. 0.005 min
Lab File: VN083328.D
Acq: 15 Aug 2024 13:59

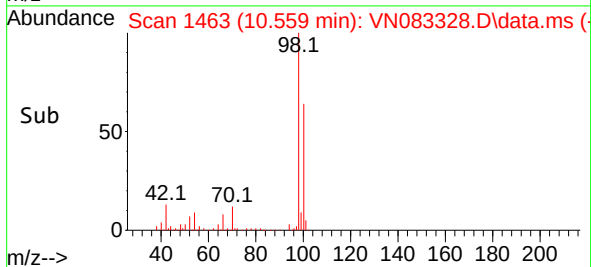
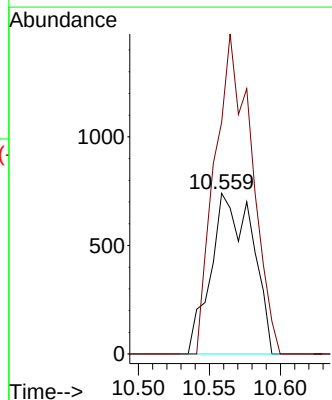
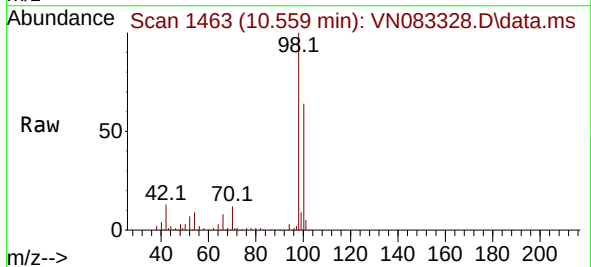
Instrument :
MSVOA_N
ClientSampleId :
TB

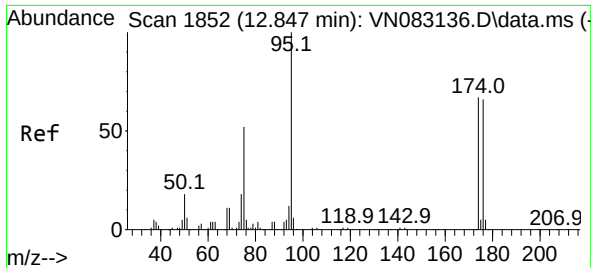
Tgt Ion: 98 Resp: 299653
Ion Ratio Lower Upper
98 100
100 64.9 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.633 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.112 min
Lab File: VN083328.D
Acq: 15 Aug 2024 13:59

Tgt Ion: 43 Resp: 1502
Ion Ratio Lower Upper
43 100
58 176.2 28.2 42.4#

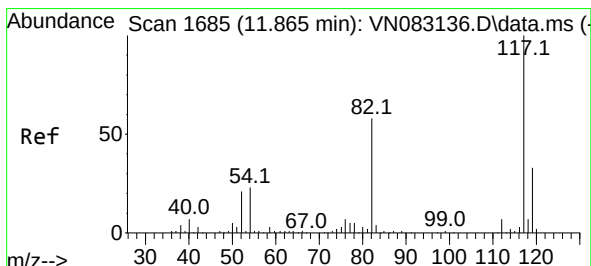
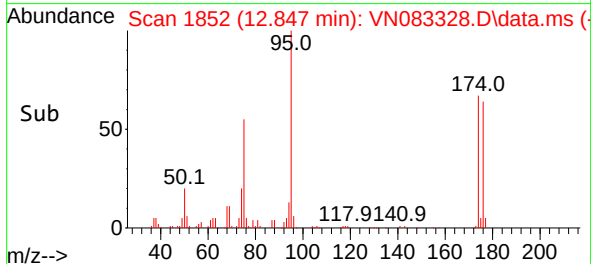
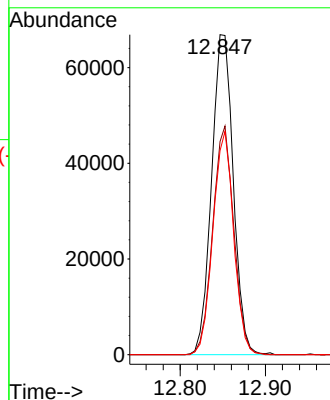
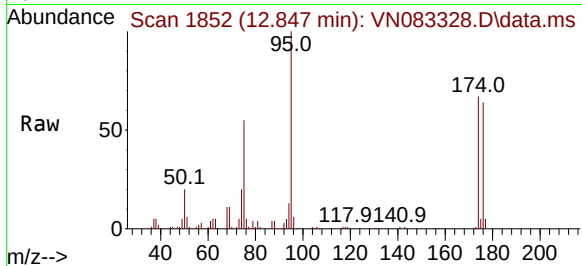




#62
4-Bromofluorobenzene
Concen: 54.854 ug/l
RT: 12.847 min Scan# 118251
Delta R.T. -0.000 min
Lab File: VN083328.D
Acq: 15 Aug 2024 13:59

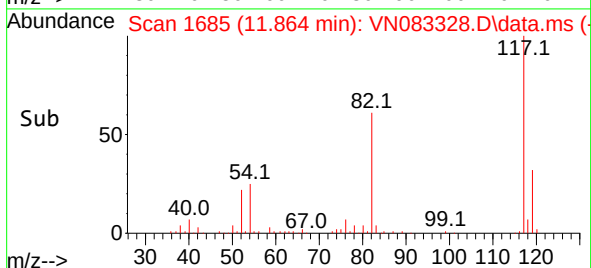
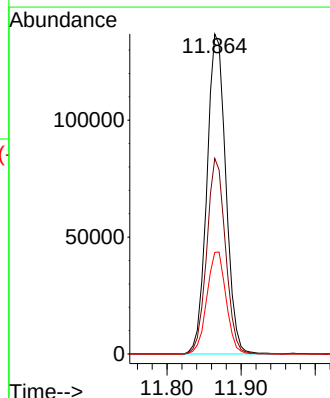
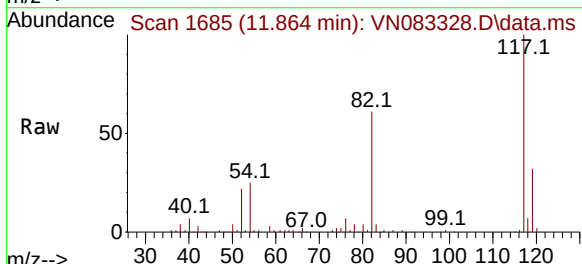
Instrument :
MSVOA_N
ClientSampleId :
TB

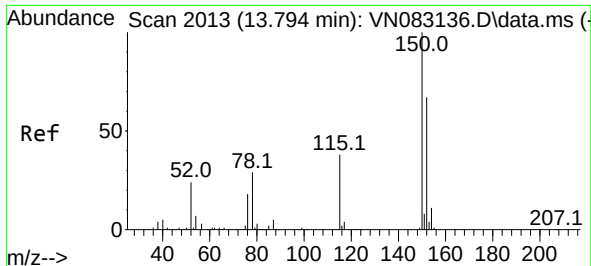
Tgt Ion:	95	Resp:	118251
Ion	Ratio	Lower	Upper
95	100		
174	69.7	0.0	159.2
176	66.6	0.0	147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083328.D
Acq: 15 Aug 2024 13:59

Tgt Ion:	117	Resp:	242732
Ion	Ratio	Lower	Upper
117	100		
82	61.1	47.5	71.3
119	31.8	25.6	38.4

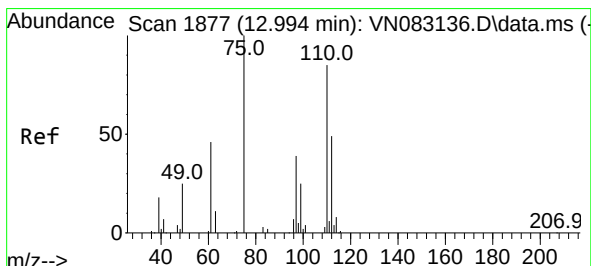
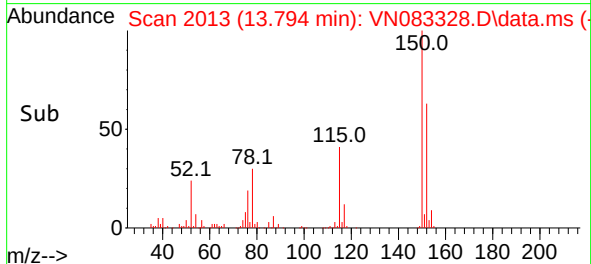
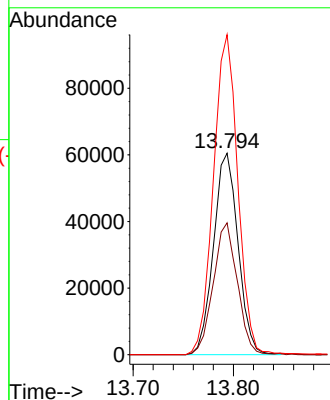
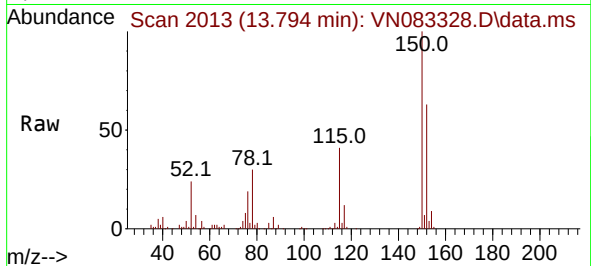




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN083328.D
 Acq: 15 Aug 2024 13:59

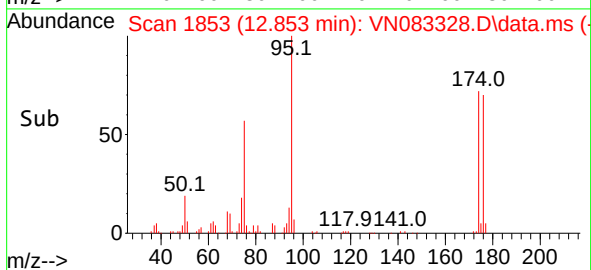
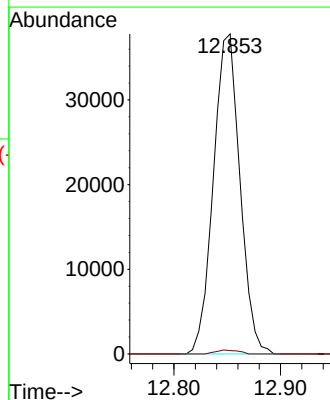
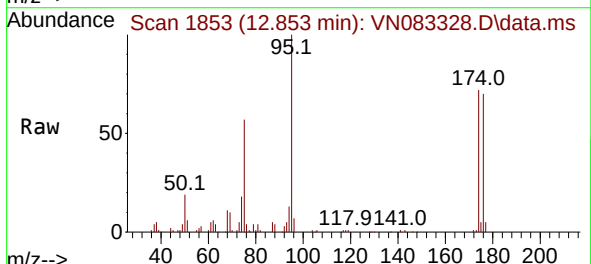
Instrument :
 MSVOA_N
 ClientSampleId :
 TB

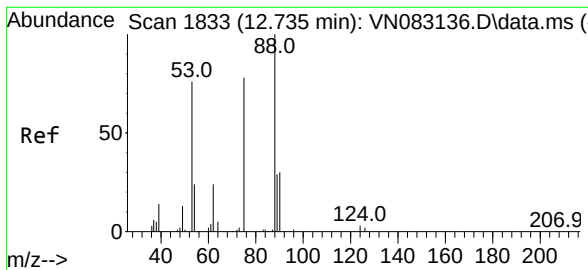
Tgt Ion:152 Resp: 102910
 Ion Ratio Lower Upper
 152 100
 115 64.3 30.6 91.6
 150 158.1 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 28.926 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN083328.D
 Acq: 15 Aug 2024 13:59

Tgt Ion: 75 Resp: 65332
 Ion Ratio Lower Upper
 75 100
 77 1.0 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.920 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.117 min
 Lab File: VN083328.D
 Acq: 15 Aug 2024 13:59

Instrument :
 MSVOA_N
 ClientSampleId :
 TB

Tgt Ion: 75 Resp: 65332
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.4 132.6#
 89 0.0 36.3 54.5#

