

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083954.D
 Acq On : 17 Sep 2024 18:41
 Operator : JC\MD
 Sample : P4003-21
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB

Quant Time: Sep 18 01:53:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

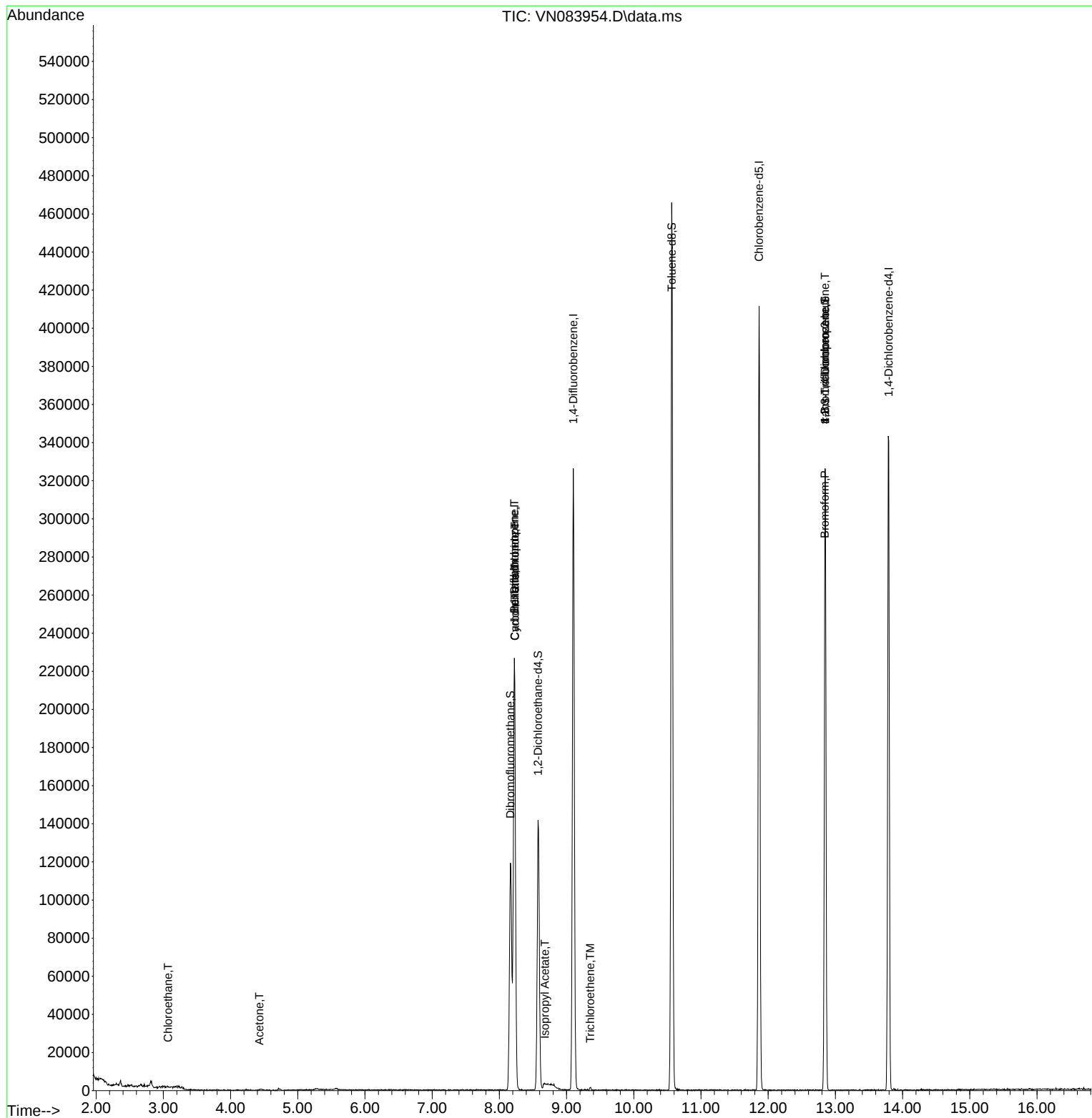
Internal Standards						
1) Pentafluorobenzene	8.224	168	151262	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	258783	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	217312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	88932	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118061	51.763	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.520%	
35) Dibromofluoromethane	8.165	113	84391	50.939	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.880%	
50) Toluene-d8	10.565	98	308817	53.920	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.840%	
62) 4-Bromofluorobenzene	12.847	95	108542	45.935	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 91.880%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	2296	Below Cal	#	84
6) Chloroethane	3.071	64	612	0.453	ug/l #	45
16) Acetone	4.430	43	1182	1.293	ug/l #	45
18) Methyl Acetate	5.024	43	72	Below Cal	#	52
31) Cyclohexane	8.229	56	4034	1.224	ug/l #	27
36) 1,1-Dichloropropene	8.224	75	14349	5.754	ug/l #	50
38) Carbon Tetrachloride	8.229	117	17439	6.165	ug/l #	15
43) Isopropyl Acetate	8.677	43	3767	0.918	ug/l #	57
44) Trichloroethene	9.353	130	457	0.263	ug/l	92
71) Bromoform	12.841	173	418	0.370	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	63057	35.140	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	63057	92.033	ug/l #	9

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

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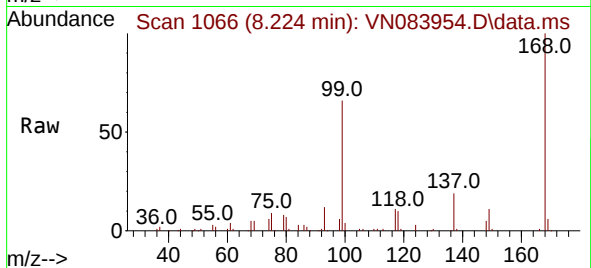
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



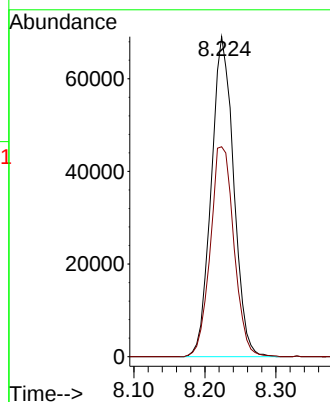
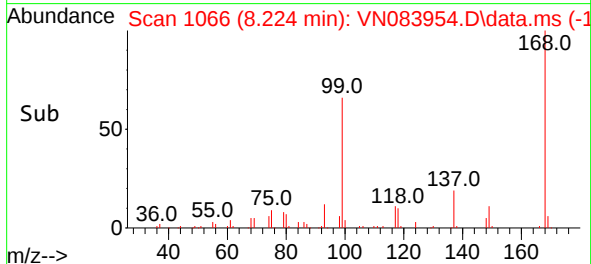


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083954.D
Acq: 17 Sep 2024 18:41

Instrument :
MSVOA_N
ClientSampleId :
TB

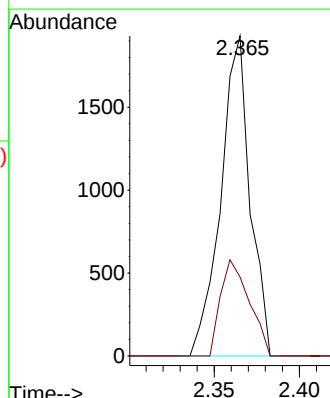
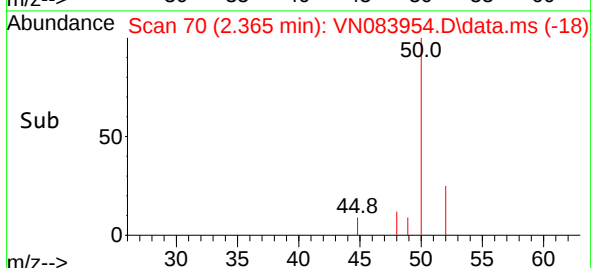
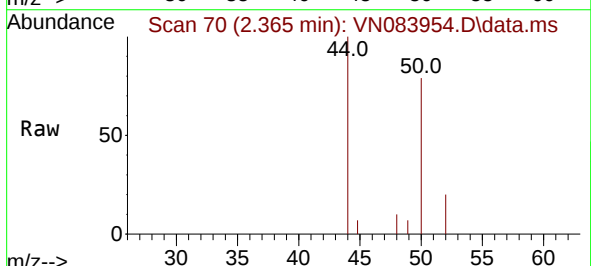


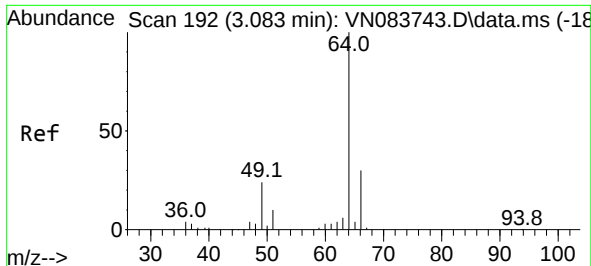
Tgt Ion:168 Resp: 151262
Ion Ratio Lower Upper
168 100
99 65.6 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083954.D
Acq: 17 Sep 2024 18:41

Tgt Ion: 50 Resp: 2296
Ion Ratio Lower Upper
50 100
52 24.7 27.2 40.8#

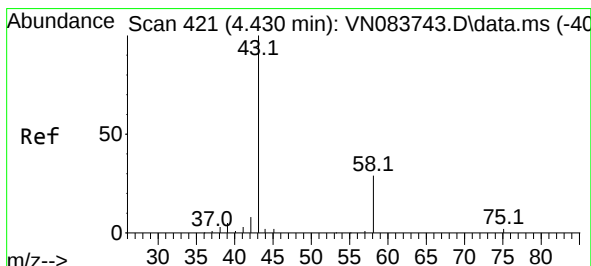
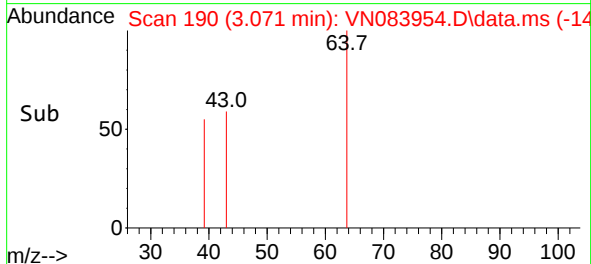
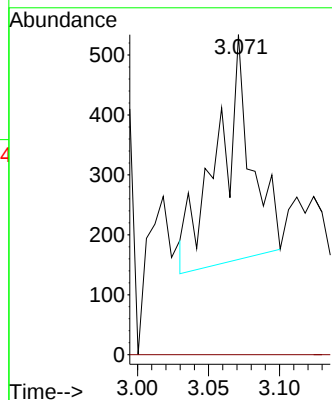
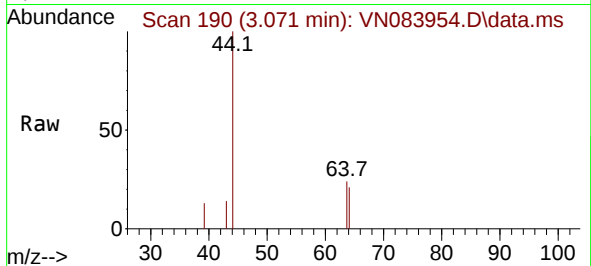




#6
Chloroethane
Concen: 0.453 ug/l
RT: 3.071 min Scan# 190
Delta R.T. -0.012 min
Lab File: VN083954.D
Acq: 17 Sep 2024 18:41

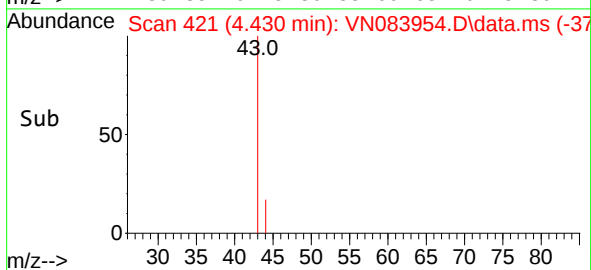
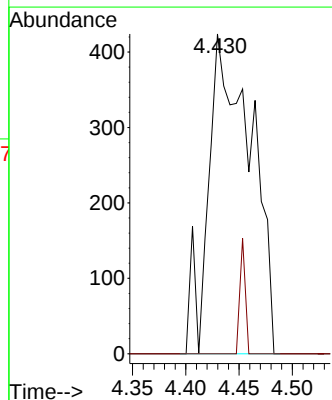
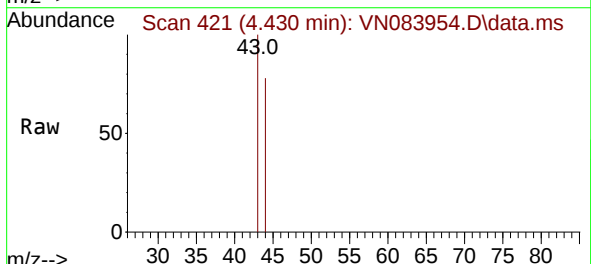
Instrument :
MSVOA_N
ClientSampleId :
TB

Tgt Ion: 64 Resp: 612
Ion Ratio Lower Upper
64 100
66 0.0 23.9 35.9#



#16
Acetone
Concen: 1.293 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN083954.D
Acq: 17 Sep 2024 18:41

Tgt Ion: 43 Resp: 1182
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#

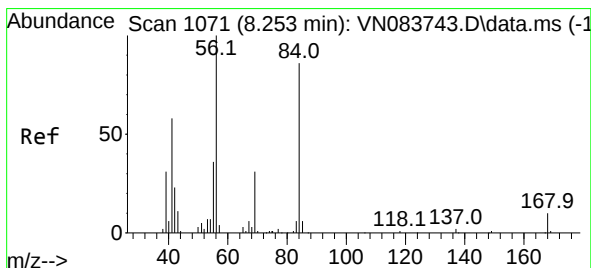
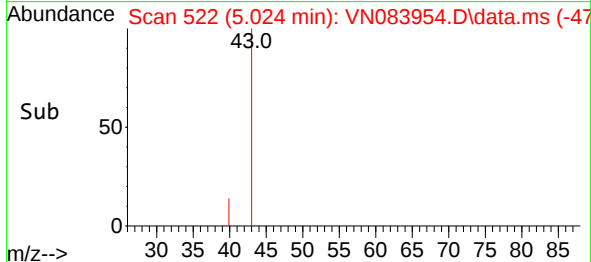
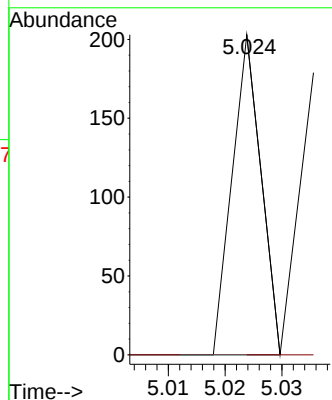
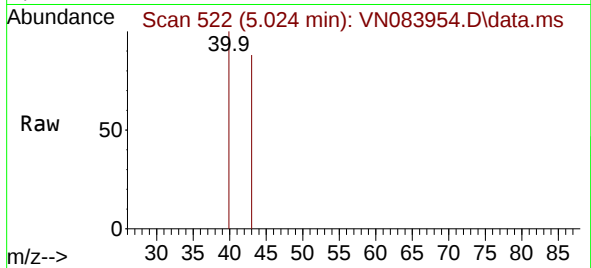




#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN083954.D
Acq: 17 Sep 2024 18:41

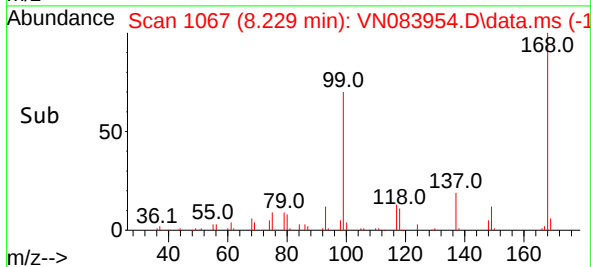
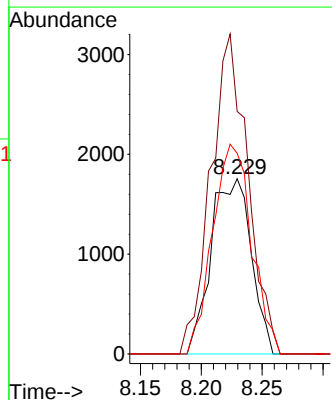
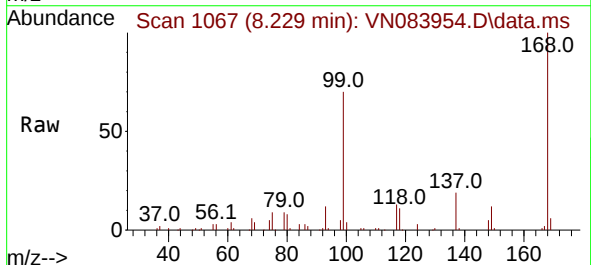
Instrument :
MSVOA_N
ClientSampleId :
TB

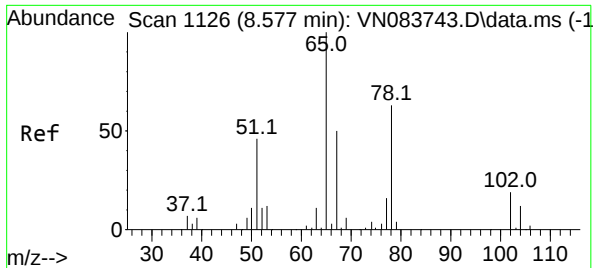
Tgt Ion: 43 Resp: 72
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



#31
Cyclohexane
Concen: 1.224 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.024 min
Lab File: VN083954.D
Acq: 17 Sep 2024 18:41

Tgt Ion: 56 Resp: 4034
Ion Ratio Lower Upper
56 100
69 138.4 26.9 40.3#
84 114.5 69.2 103.8#

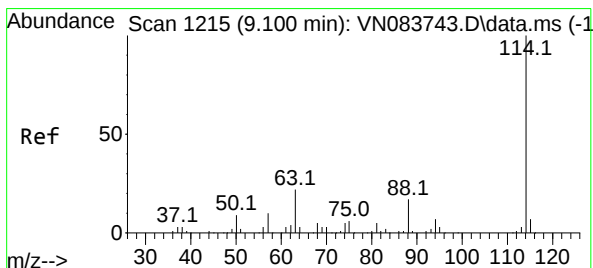
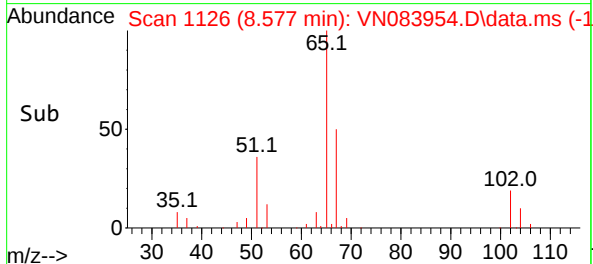
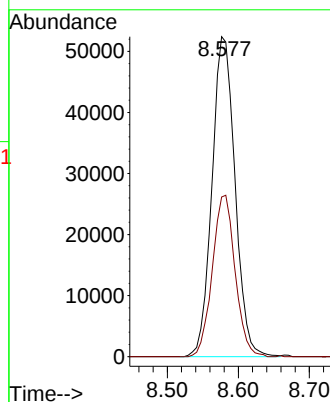
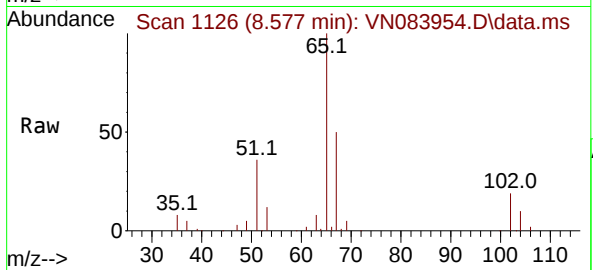




#33
 1,2-Dichloroethane-d4
 Concen: 51.763 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN083954.D
 Acq: 17 Sep 2024 18:41

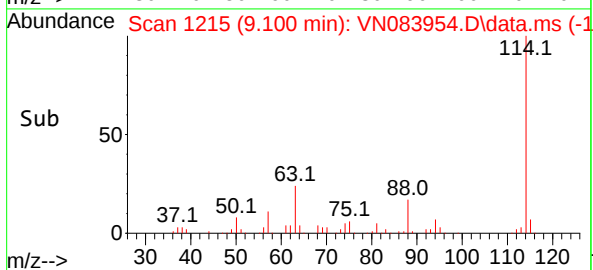
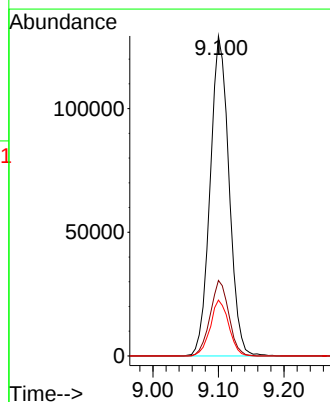
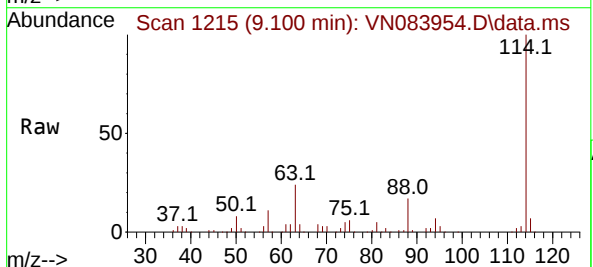
Instrument :
 MSVOA_N
 ClientSampleId :
 TB

Tgt Ion: 65 Resp: 118061
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN083954.D
 Acq: 17 Sep 2024 18:41

Tgt Ion: 114 Resp: 258783
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 43.4
 88 17.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.939 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083954.D

Acq: 17 Sep 2024 18:41

Instrument :

MSVOA_N

ClientSampleId :

TB

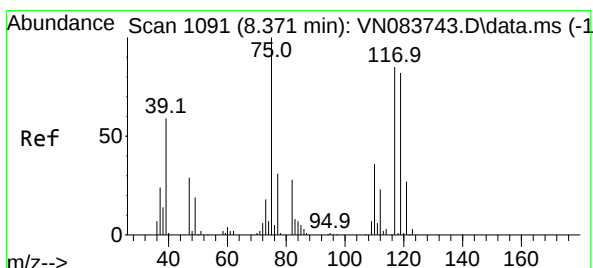
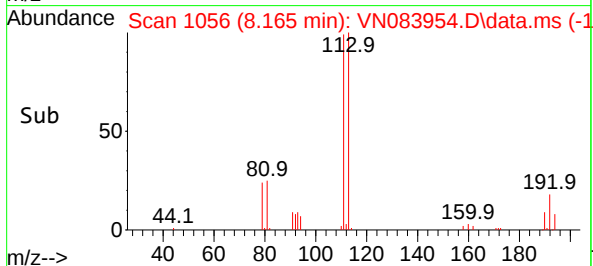
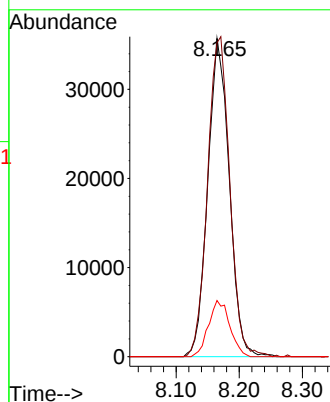
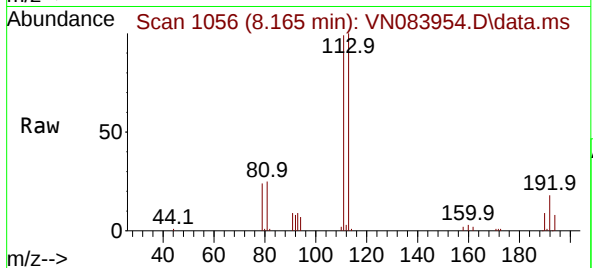
Tgt Ion:113 Resp: 84391

Ion Ratio Lower Upper

113 100

111 103.8 82.6 124.0

192 17.5 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.754 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083954.D

Acq: 17 Sep 2024 18:41

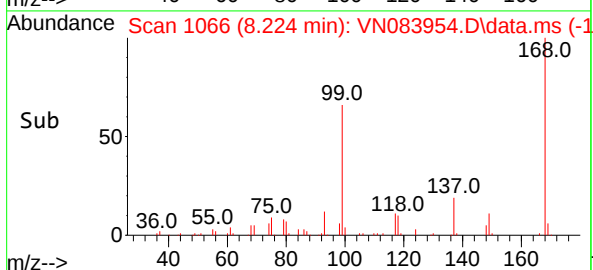
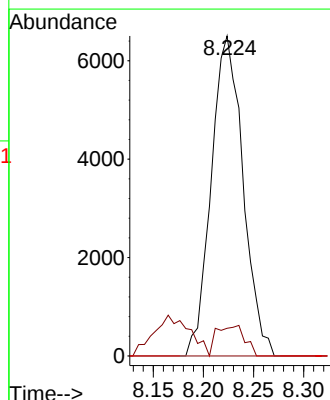
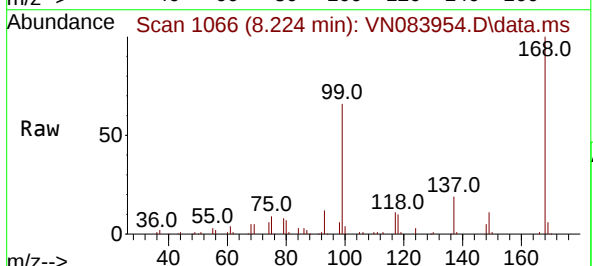
Tgt Ion: 75 Resp: 14349

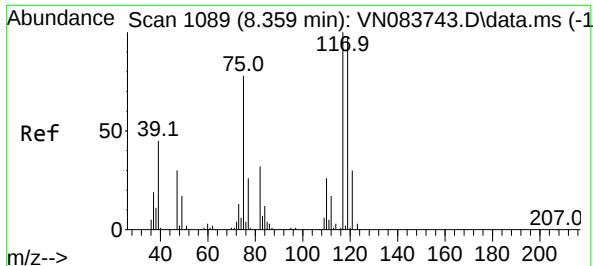
Ion Ratio Lower Upper

75 100

110 8.4 16.7 50.1#

77 0.0 25.2 37.8#

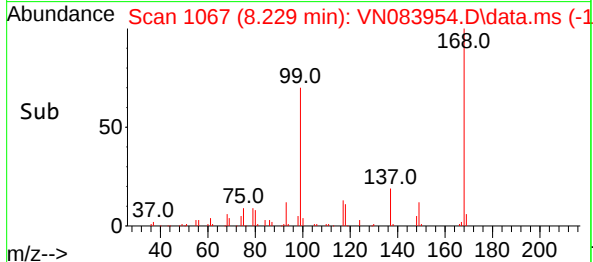
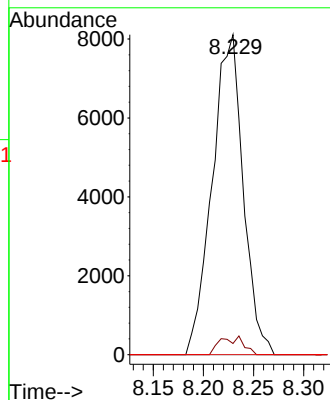
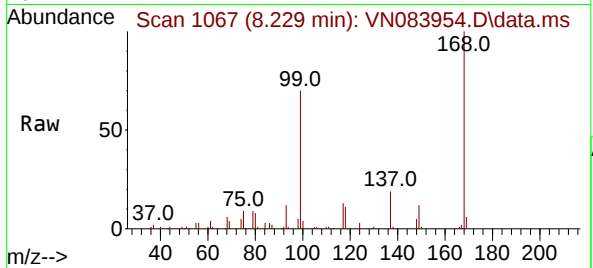




#38
Carbon Tetrachloride
Concen: 6.165 ug/l
RT: 8.229 min Scan# 1106
Delta R.T. -0.130 min
Lab File: VN083954.D
Acq: 17 Sep 2024 18:41

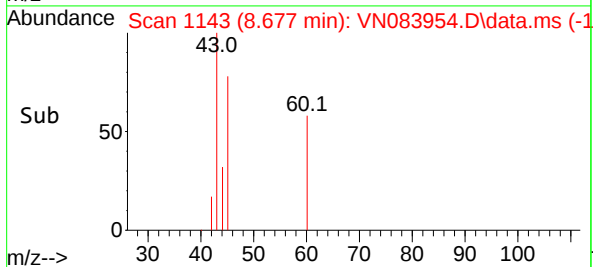
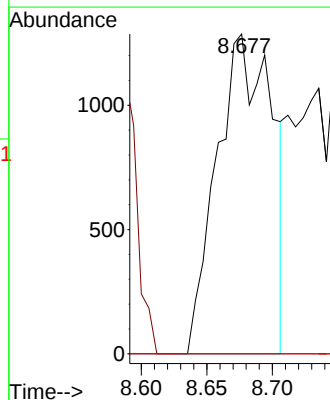
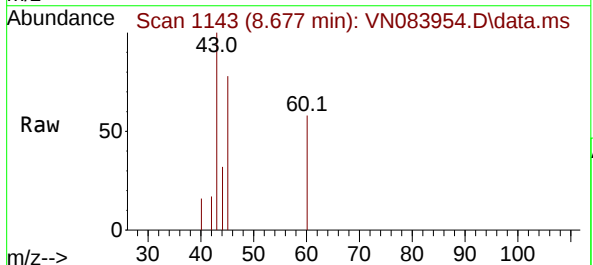
Instrument :
MSVOA_N
ClientSampleId :
TB

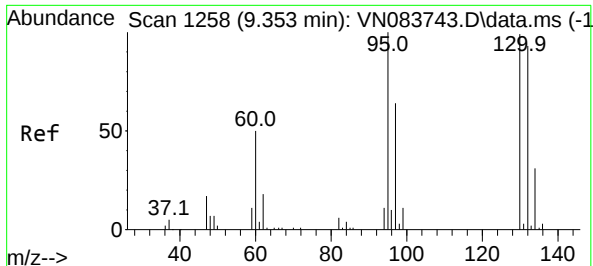
Tgt Ion: 117 Resp: 17439
Ion Ratio Lower Upper
117 100
119 3.5 76.1 114.1#
121 0.0 24.1 36.1#



#43
Isopropyl Acetate
Concen: 0.918 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.012 min
Lab File: VN083954.D
Acq: 17 Sep 2024 18:41

Tgt Ion: 43 Resp: 3767
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#

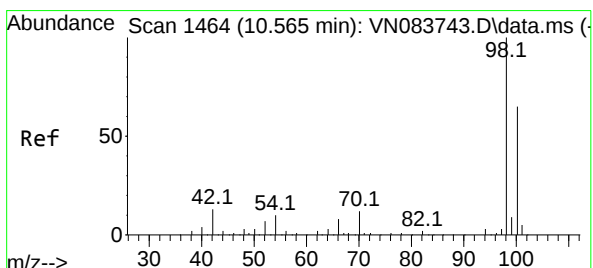
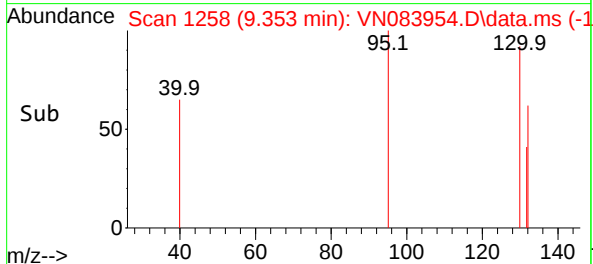
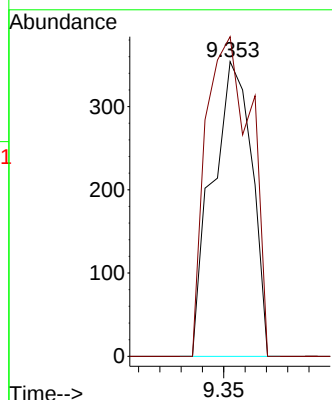
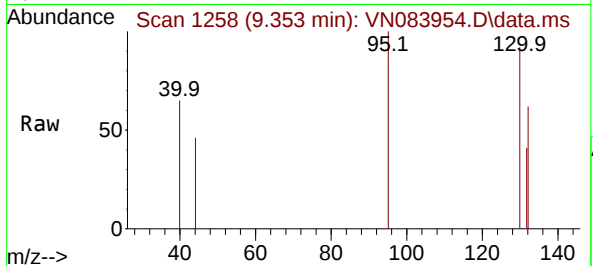




#44
Trichloroethene
Concen: 0.263 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083954.D
Acq: 17 Sep 2024 18:41

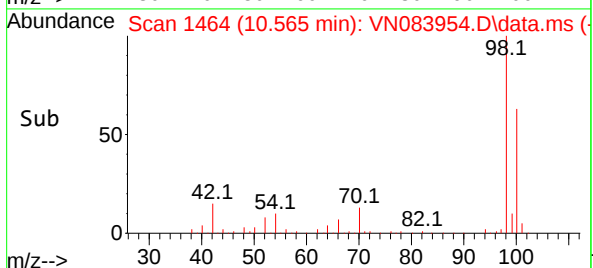
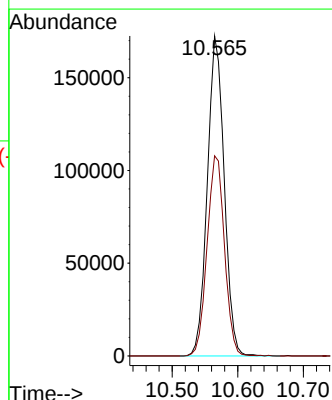
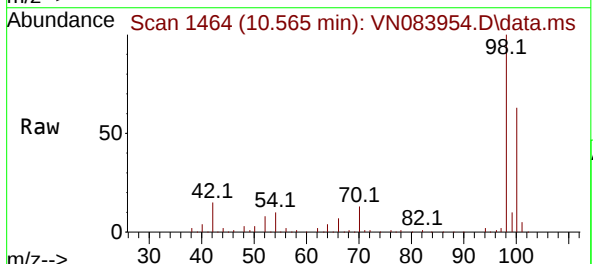
Instrument :
MSVOA_N
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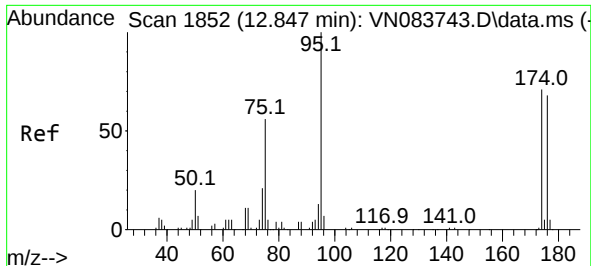
Tgt Ion:130 Resp: 457
Ion Ratio Lower Upper
130 100
95 108.5 0.0 200.4



#50
Toluene-d8
Concen: 53.920 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083954.D
Acq: 17 Sep 2024 18:41

Tgt Ion: 98 Resp: 308817
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0

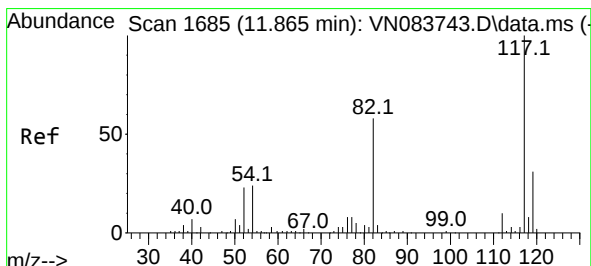
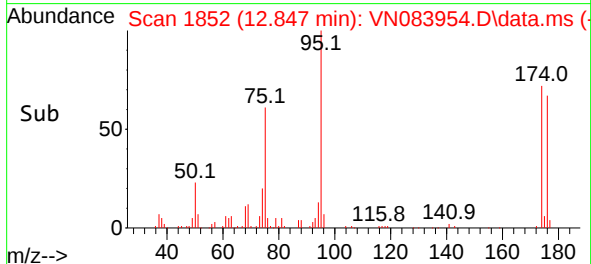
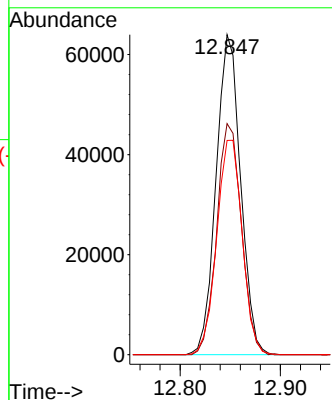
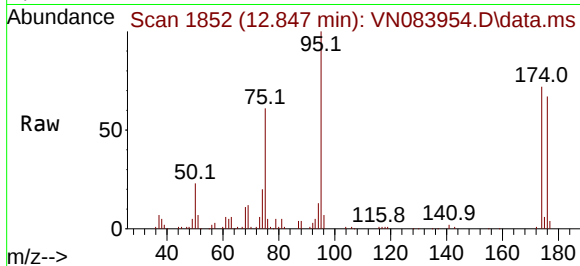




#62
4-Bromofluorobenzene
Concen: 45.935 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083954.D
Acq: 17 Sep 2024 18:41

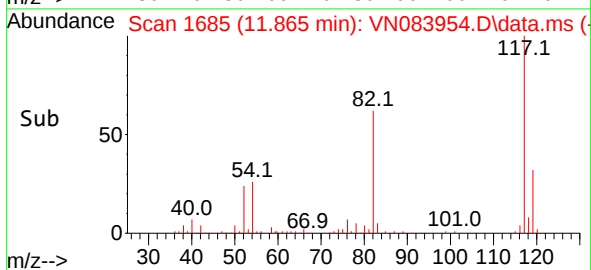
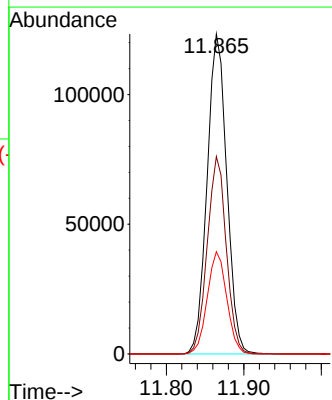
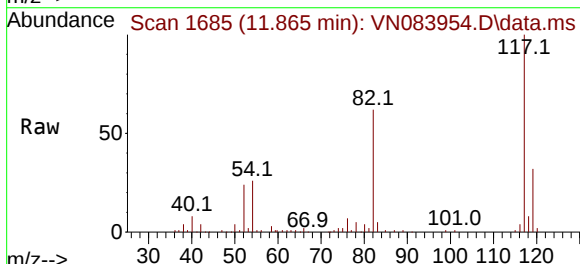
Instrument :
MSVOA_N
ClientSampleId :
TB

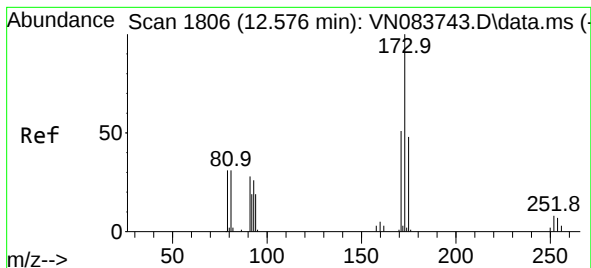
Tgt Ion: 95 Resp: 108542
Ion Ratio Lower Upper
95 100
174 72.8 0.0 139.8
176 69.7 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083954.D
Acq: 17 Sep 2024 18:41

Tgt Ion: 117 Resp: 217312
Ion Ratio Lower Upper
117 100
82 61.7 47.4 71.0
119 31.9 26.3 39.5





#71

Bromoform

Concen: 0.370 ug/l

RT: 12.841 min Scan# 1

Delta R.T. 0.265 min

Lab File: VN083954.D

Acq: 17 Sep 2024 18:41

Instrument :

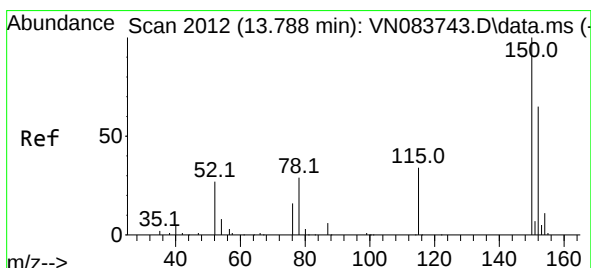
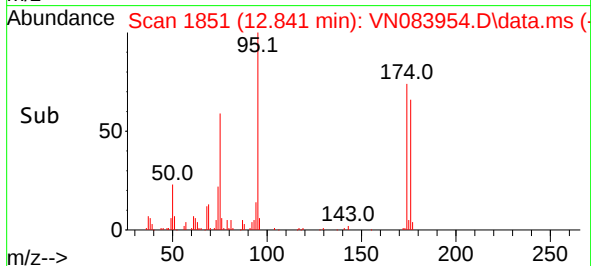
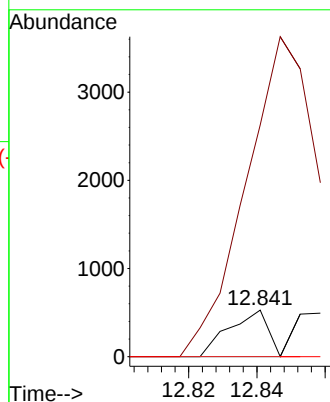
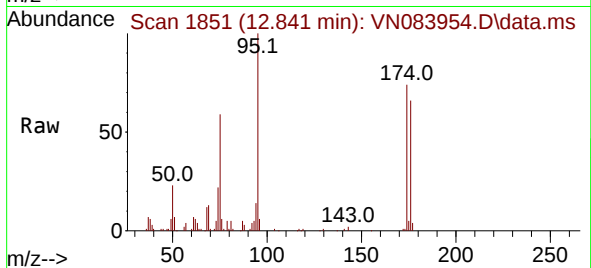
MSVOA_N

ClientSampleId :

TB

Tgt Ion:173 Resp: 418

Ion	Ratio	Lower	Upper
173	100		
175	1036.6	24.1	72.2#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

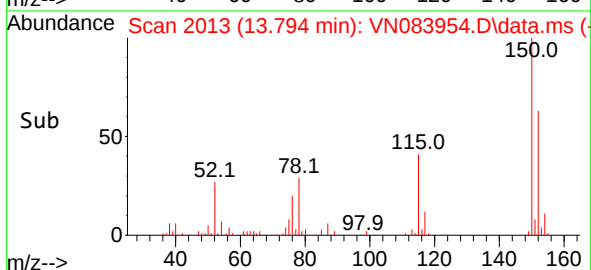
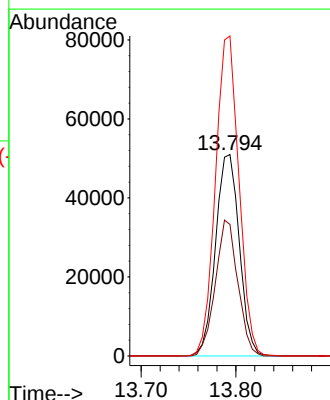
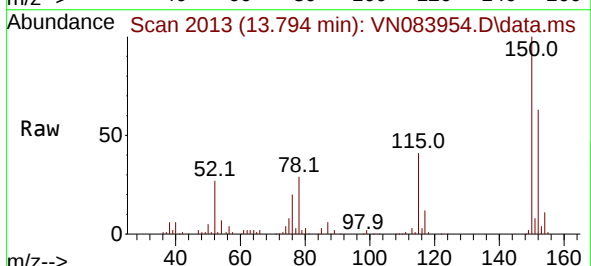
Delta R.T. 0.006 min

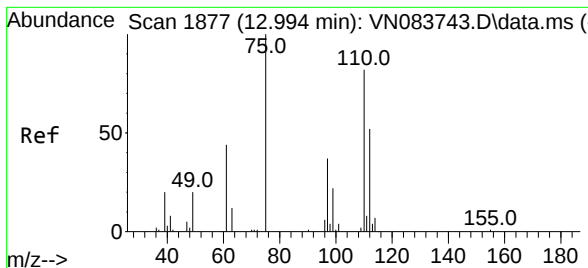
Lab File: VN083954.D

Acq: 17 Sep 2024 18:41

Tgt Ion:152 Resp: 88932

Ion	Ratio	Lower	Upper
152	100		
115	63.9	32.2	96.6
150	157.0	0.0	348.6





#76

1,2,3-Trichloropropane

Concen: 35.140 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083954.D

Acq: 17 Sep 2024 18:41

Instrument :

MSVOA_N

ClientSampleId :

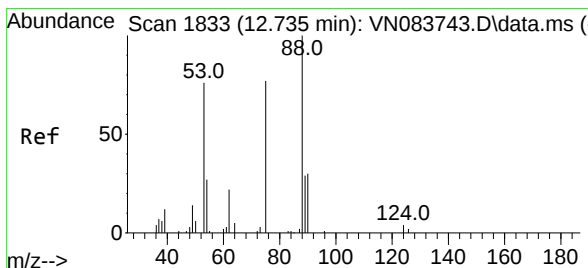
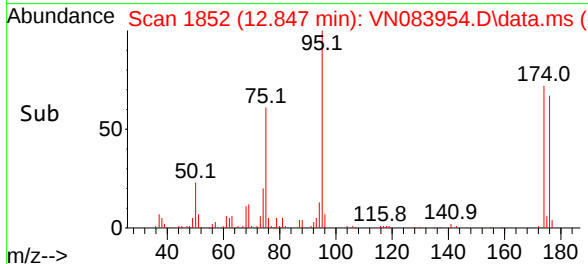
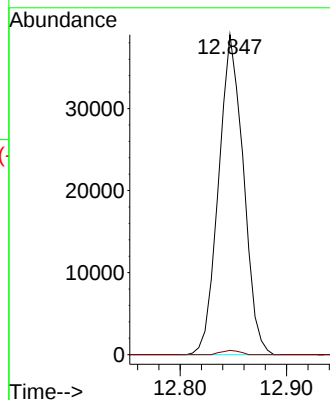
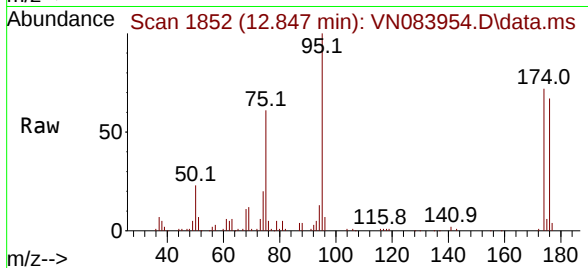
TB

Tgt Ion: 75 Resp: 63057

Ion Ratio Lower Upper

75 100

77 1.0 95.2 285.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 92.033 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083954.D

Acq: 17 Sep 2024 18:41

Tgt Ion: 75 Resp: 63057

Ion Ratio Lower Upper

75 100

53 0.0 81.2 121.8#

89 0.0 35.7 53.5#

