

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083938.D
 Acq On : 17 Sep 2024 12:18
 Operator : JC\MD
 Sample : P3970-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 18 01:46:01 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)

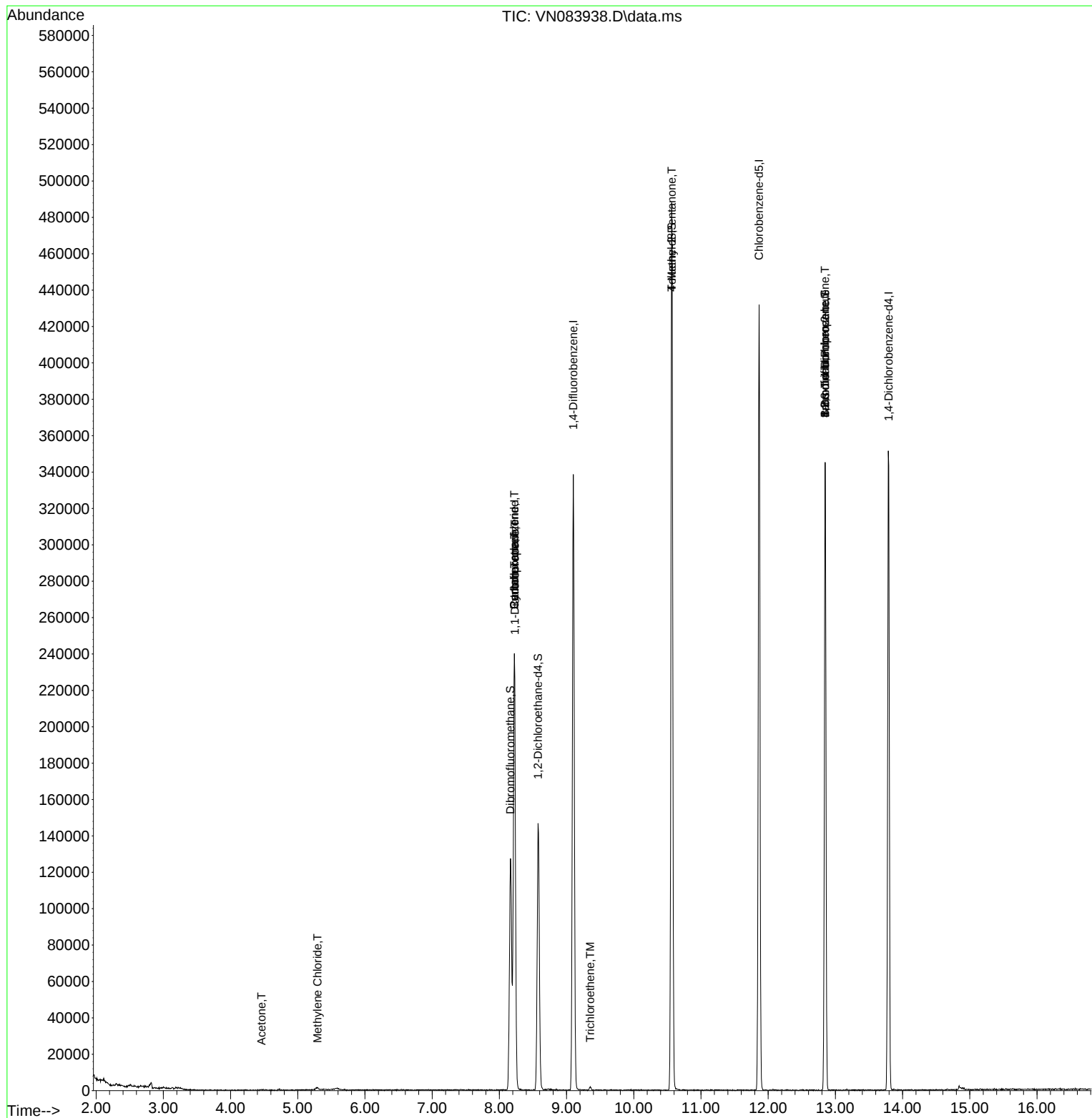
Internal Standards						
1) Pentafluorobenzene	8.224	168	158471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	270810	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	227497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	90002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	124055	51.916	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 103.840%		
35) Dibromofluoromethane	8.165	113	89285	51.500	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.000%		
50) Toluene-d8	10.565	98	323975	54.055	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 108.100%		
62) 4-Bromofluorobenzene	12.847	95	112640	45.552	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 91.100%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	497	Below Cal		96
16) Acetone	4.459	43	548	0.572 ug/l	#	45
20) Methylene Chloride	5.294	84	913	0.466 ug/l	#	65
31) Cyclohexane	8.224	56	4335	1.255 ug/l	#	22
36) 1,1-Dichloropropene	8.230	75	15046	5.766 ug/l	#	50
38) Carbon Tetrachloride	8.224	117	19410	6.557 ug/l	#	16
44) Trichloroethene	9.353	130	710	0.390 ug/l		99
51) 4-Methyl-2-Pentanone	10.565	43	1598	0.684 ug/l	#	1
71) Bromoform	12.847	173	793	0.671 ug/l	#	1
76) 1,2,3-Trichloropropane	12.847	75	63945	35.211 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.847	75	63945	92.220 ug/l	#	9

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

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

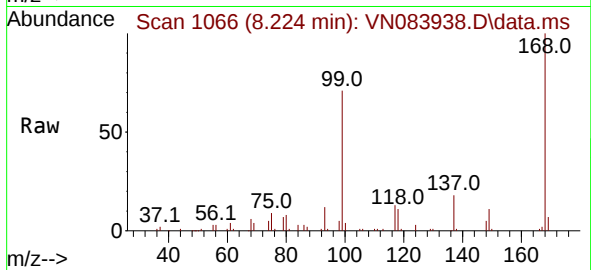
Quant Time: Sep 18 01:46:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



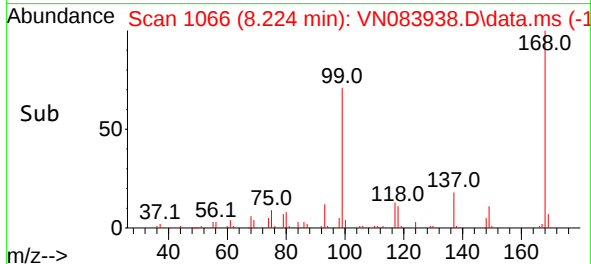
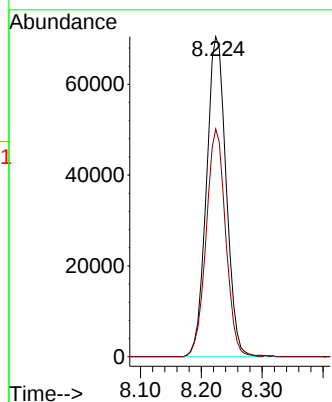


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083938.D
Acq: 17 Sep 2024 12:18

Instrument :
MSVOA_N
ClientSampleId :

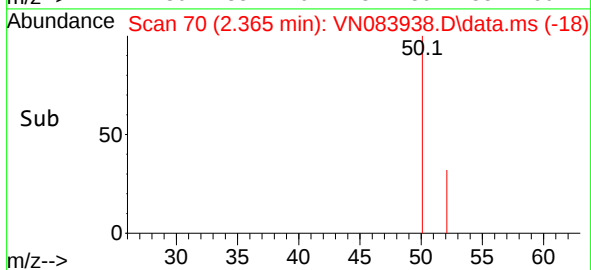
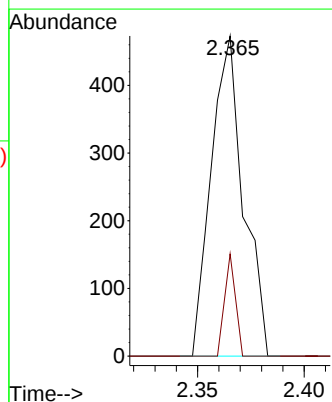
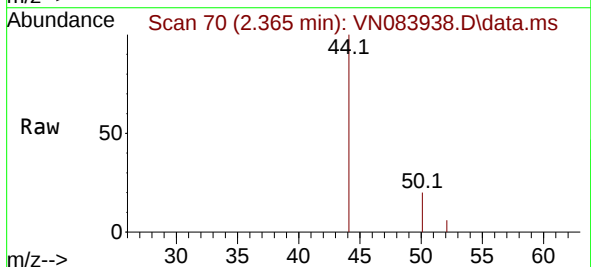


Tgt Ion:168 Resp: 158471
Ion Ratio Lower Upper
168 100
99 71.2 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083938.D
Acq: 17 Sep 2024 12:18

Tgt Ion: 50 Resp: 497
Ion Ratio Lower Upper
50 100
52 31.9 27.2 40.8

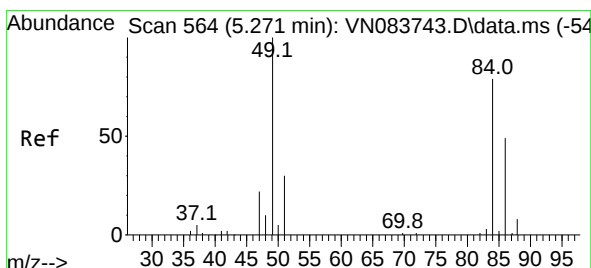
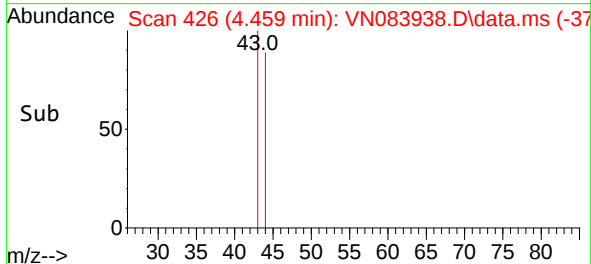
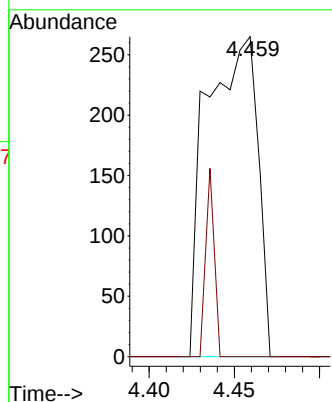
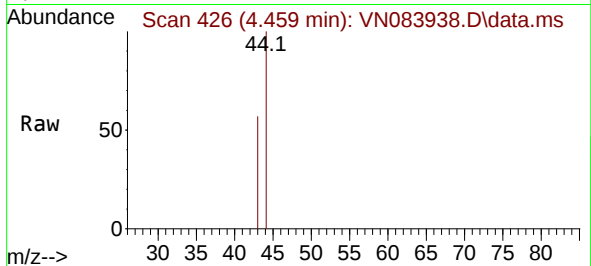




#16
Acetone
Concen: 0.572 ug/l
RT: 4.459 min Scan# 41
Delta R.T. 0.029 min
Lab File: VN083938.D
Acq: 17 Sep 2024 12:18

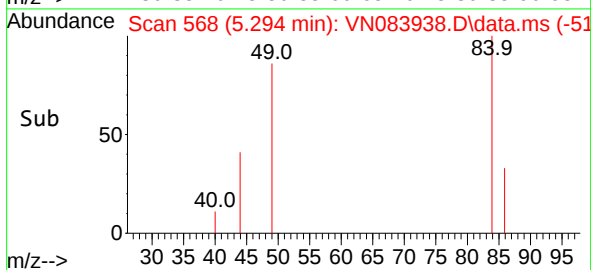
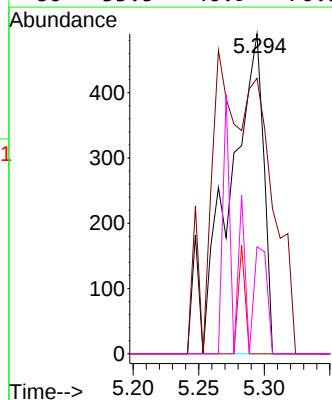
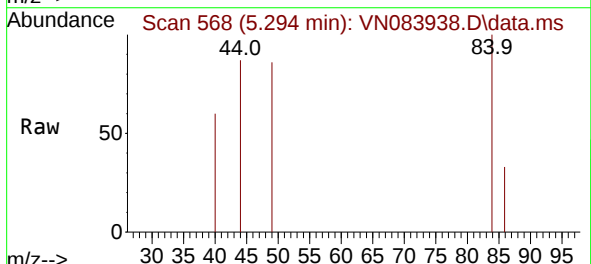
Instrument :
MSVOA_N
ClientSampleId :

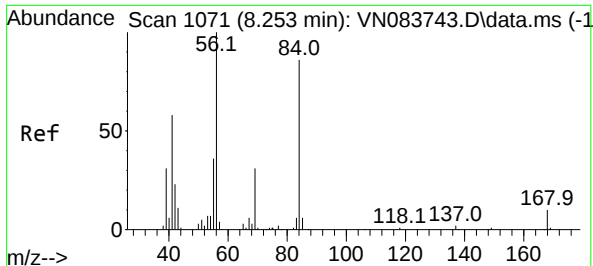
Tgt Ion: 43 Resp: 548
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



#20
Methylene Chloride
Concen: 0.466 ug/l
RT: 5.294 min Scan# 568
Delta R.T. 0.023 min
Lab File: VN083938.D
Acq: 17 Sep 2024 12:18

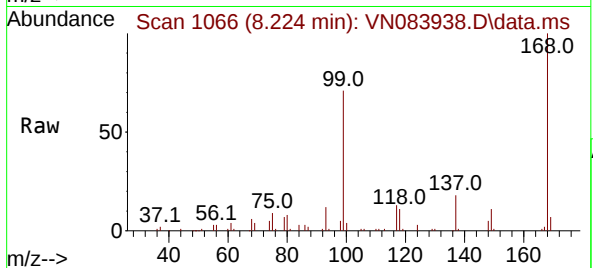
Tgt Ion: 84 Resp: 913
Ion Ratio Lower Upper
84 100
49 86.1 93.4 140.0#
51 0.0 29.2 43.8#
86 33.5 46.9 70.3#



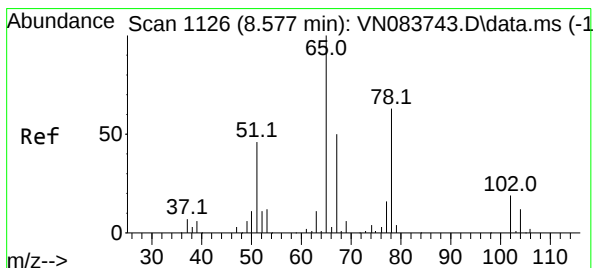
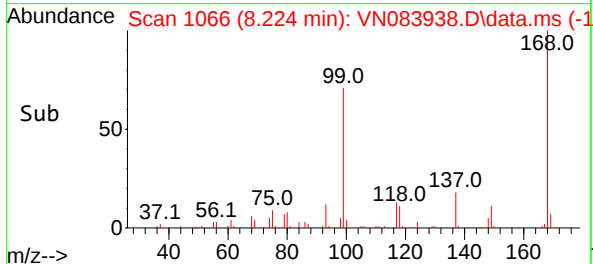
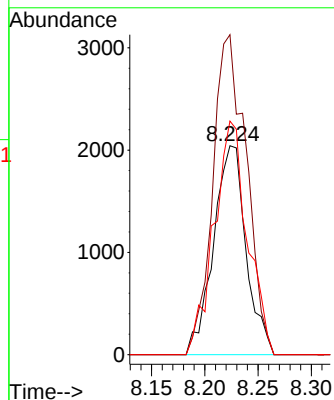


#31
Cyclohexane
Concen: 1.255 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN083938.D
Acq: 17 Sep 2024 12:18

Instrument :
MSVOA_N
ClientSampleId :

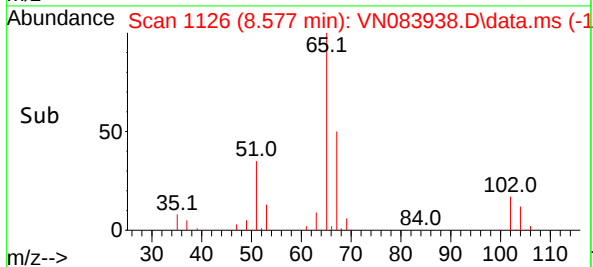
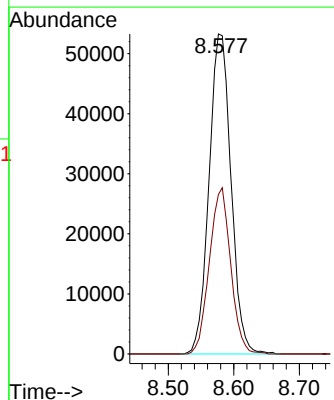
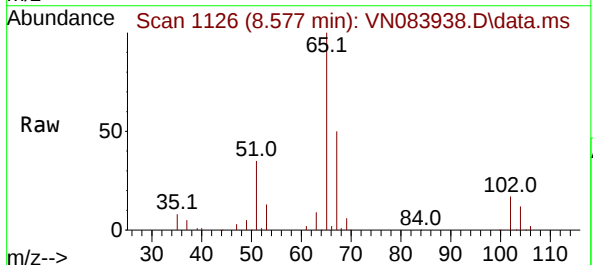


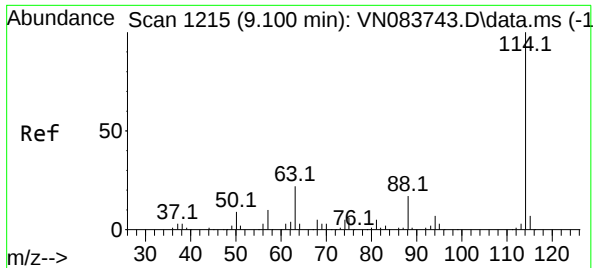
Tgt Ion: 56 Resp: 4335
Ion Ratio Lower Upper
56 100
69 153.2 26.9 40.3#
84 111.8 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 51.916 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083938.D
Acq: 17 Sep 2024 12:18

Tgt Ion: 65 Resp: 124055
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.8

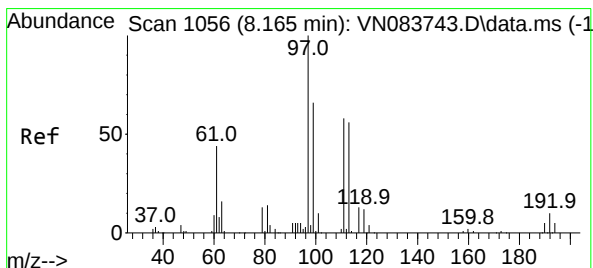
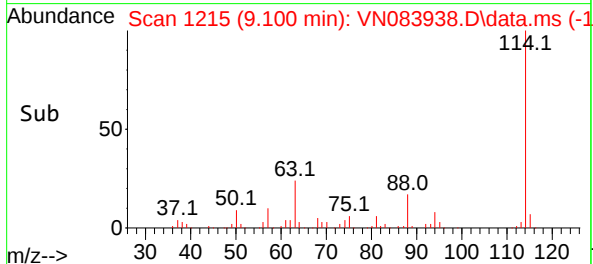
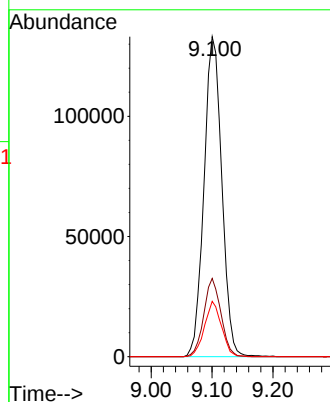
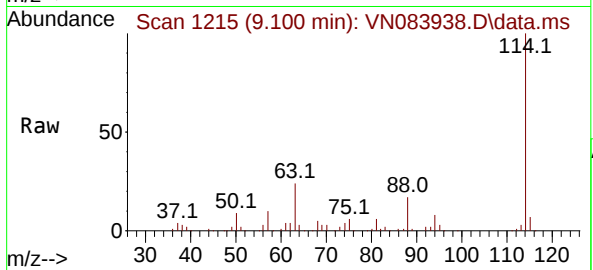




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083938.D
Acq: 17 Sep 2024 12:18

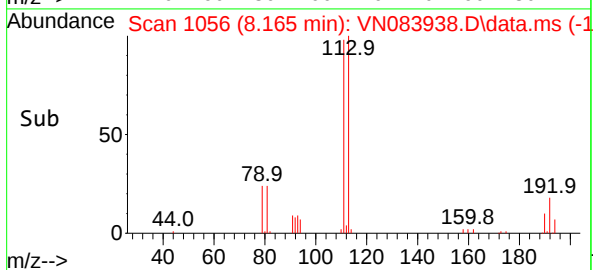
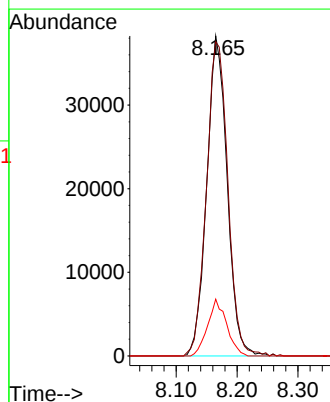
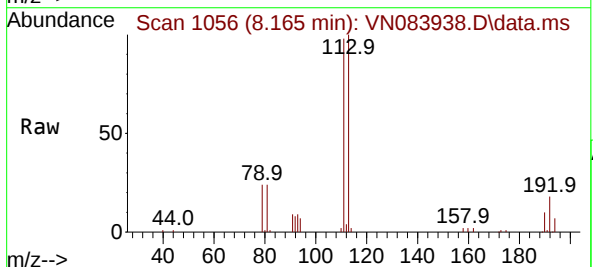
Instrument :
MSVOA_N
ClientSampleId :

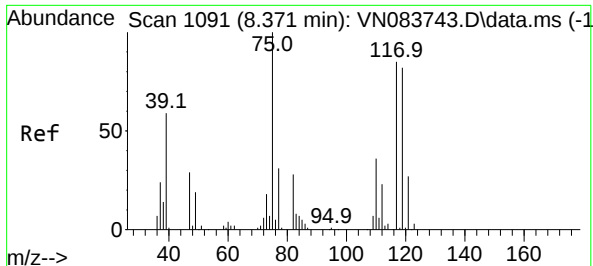
Tgt Ion:114 Resp: 270810
Ion Ratio Lower Upper
114 100
63 24.5 0.0 43.4
88 17.3 0.0 32.6



#35
Dibromofluoromethane
Concen: 51.500 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083938.D
Acq: 17 Sep 2024 12:18

Tgt Ion:113 Resp: 89285
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 16.5 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.766 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

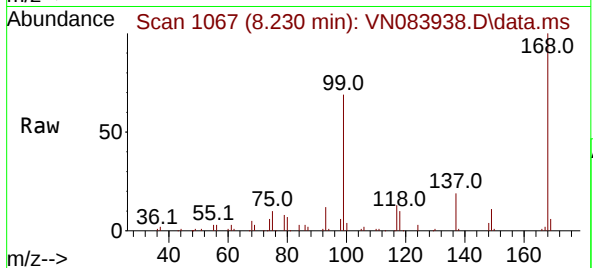
Lab File: VN083938.D

Acq: 17 Sep 2024 12:18

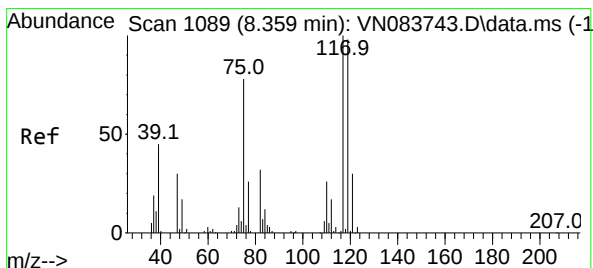
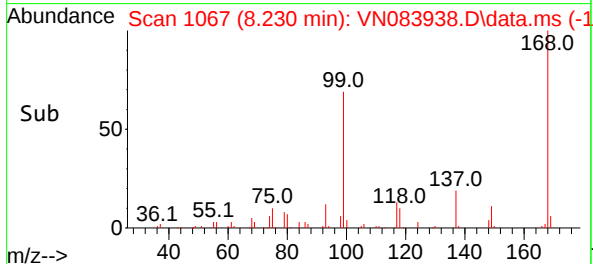
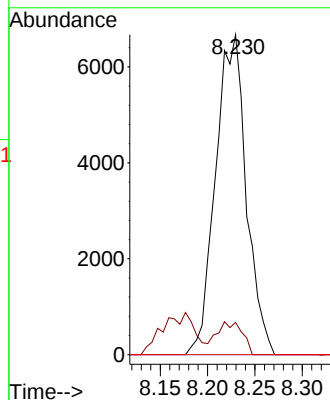
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	15046
Ion Ratio	Lower	Upper	
75	100		
110	8.5	16.7	50.1#
77	0.0	25.2	37.8#



#38

Carbon Tetrachloride

Concen: 6.557 ug/l

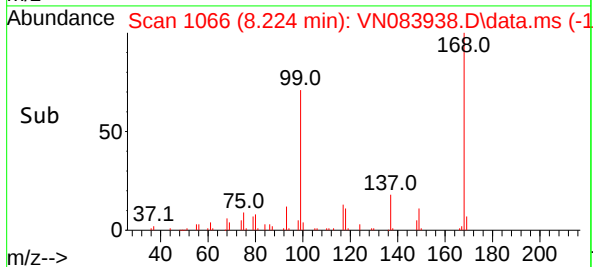
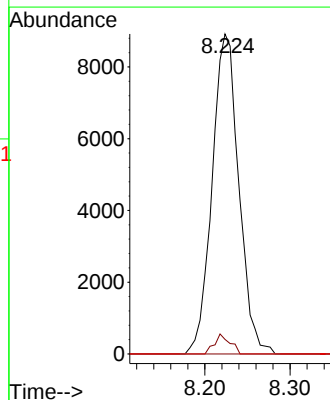
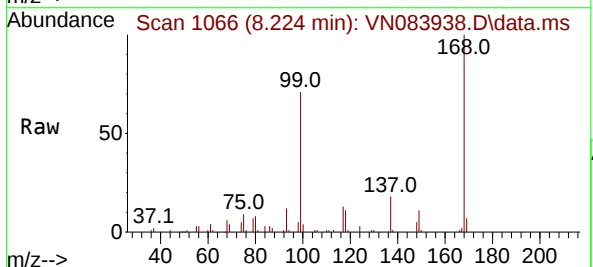
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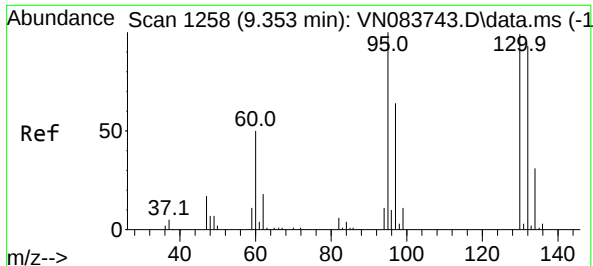
Delta R.T. -0.135 min

Lab File: VN083938.D

Acq: 17 Sep 2024 12:18

Tgt Ion:	117	Resp:	19410
Ion Ratio	Lower	Upper	
117	100		
119	4.5	76.1	114.1#
121	0.0	24.1	36.1#

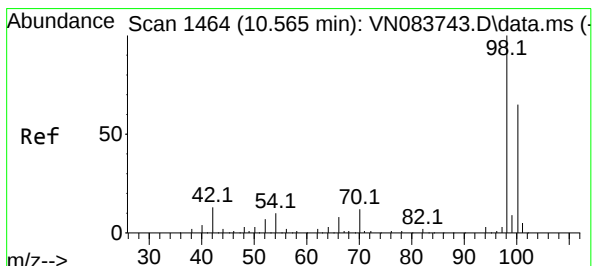
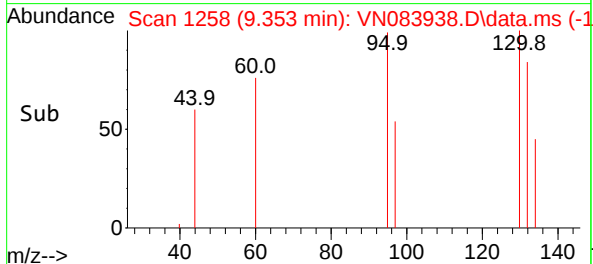
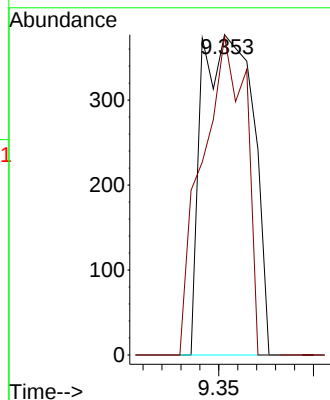
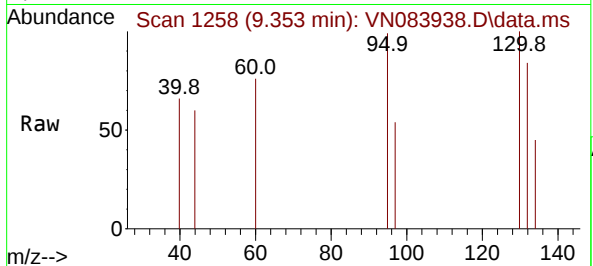




#44
Trichloroethene
Concen: 0.390 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083938.D
Acq: 17 Sep 2024 12:18

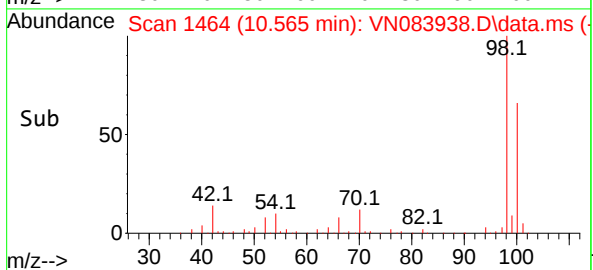
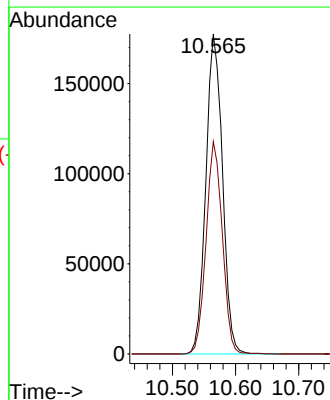
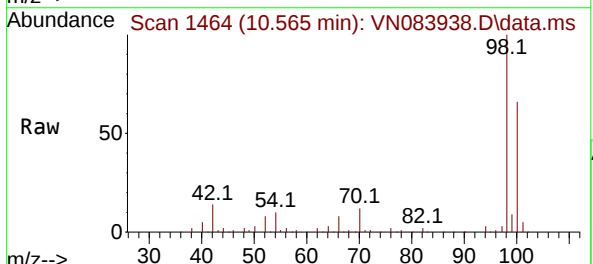
Instrument :
MSVOA_N
ClientSampleId :

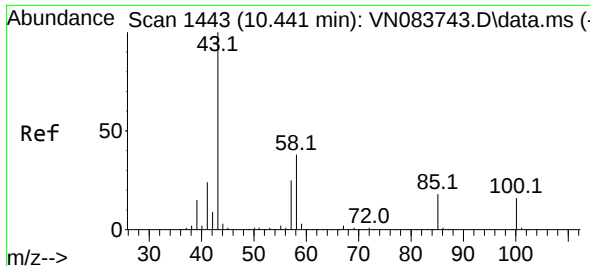
Tgt Ion:130 Resp: 710
Ion Ratio Lower Upper
130 100
95 99.5 0.0 200.4



#50
Toluene-d8
Concen: 54.055 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083938.D
Acq: 17 Sep 2024 12:18

Tgt Ion: 98 Resp: 323975
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0

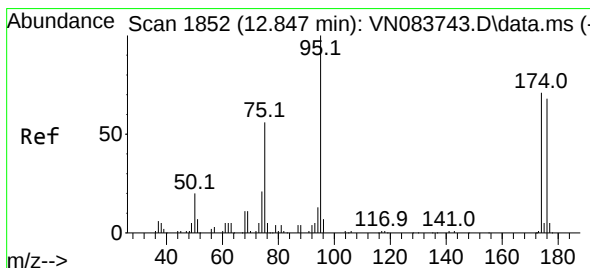
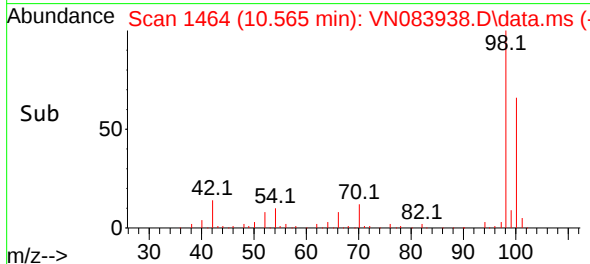
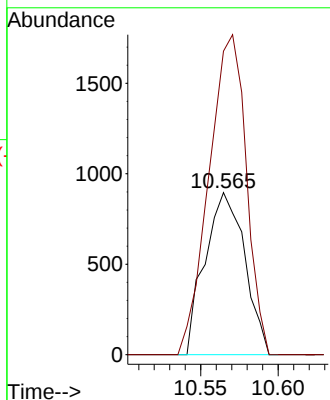
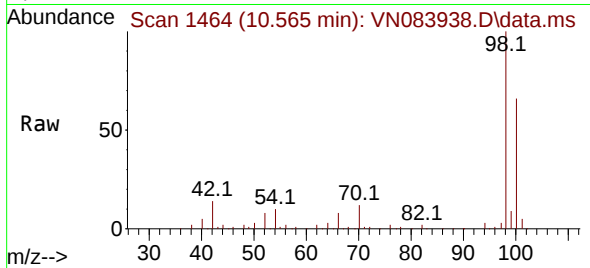




#51
4-Methyl-2-Pentanone
Concen: 0.684 ug/l
RT: 10.565 min Scan# 1443
Delta R.T. 0.123 min
Lab File: VN083938.D
Acq: 17 Sep 2024 12:18

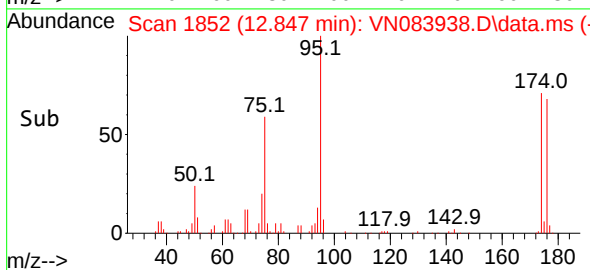
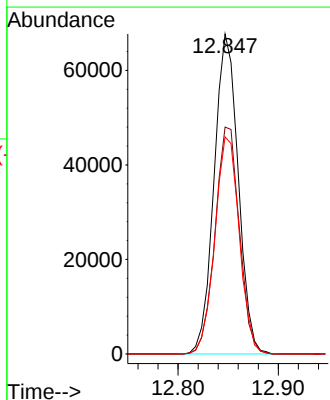
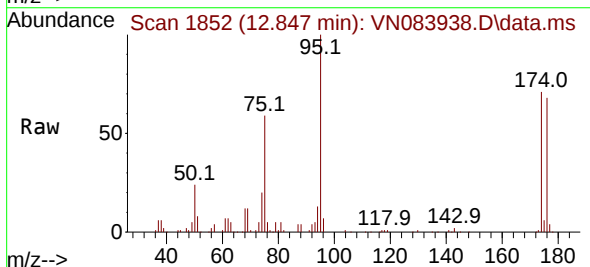
Instrument :
MSVOA_N
ClientSampleId :

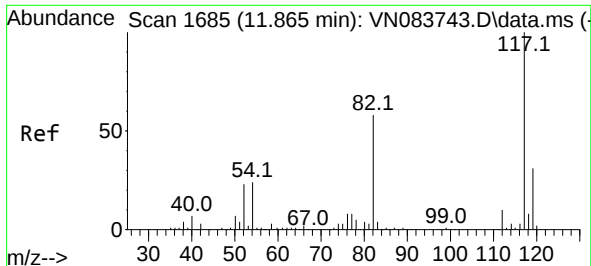
Tgt Ion: 43 Resp: 1598
Ion Ratio Lower Upper
43 100
58 185.3 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 45.552 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083938.D
Acq: 17 Sep 2024 12:18

Tgt Ion: 95 Resp: 112640
Ion Ratio Lower Upper
95 100
174 71.6 0.0 139.8
176 68.7 0.0 131.4

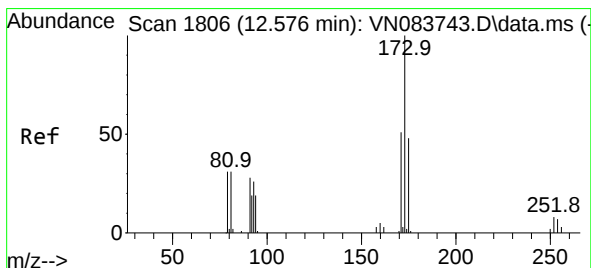
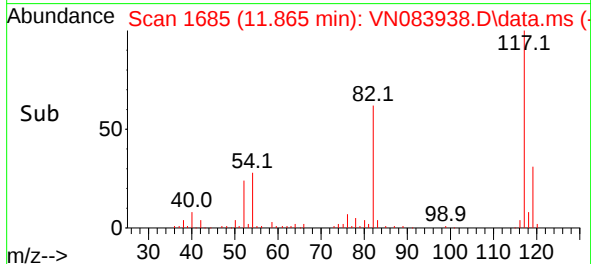
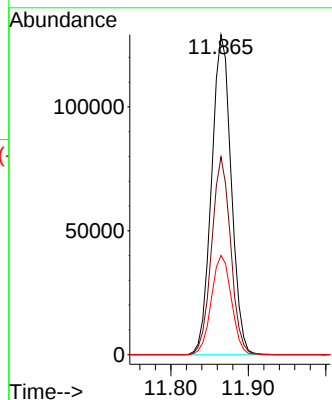
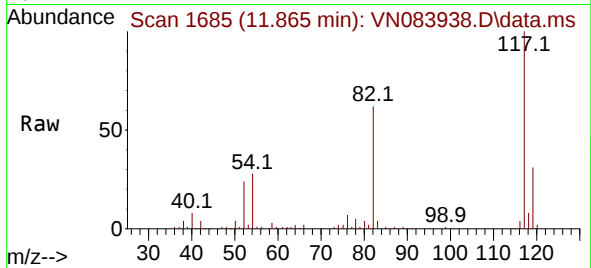




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083938.D
Acq: 17 Sep 2024 12:18

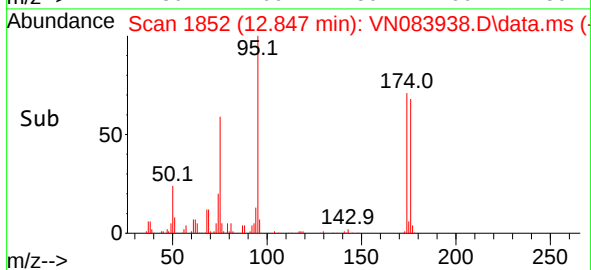
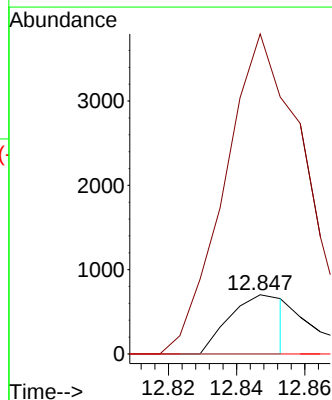
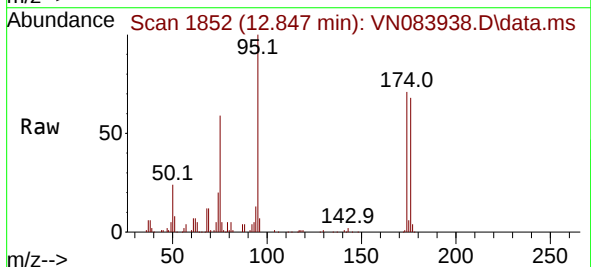
Instrument :
MSVOA_N
ClientSampleId :

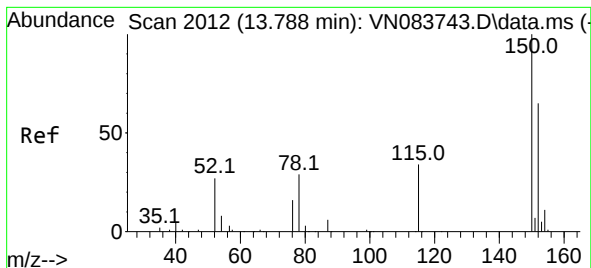
Tgt Ion:117 Resp: 227497
Ion Ratio Lower Upper
117 100
82 61.8 47.4 71.0
119 31.0 26.3 39.5



#71
Bromoform
Concen: 0.671 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.270 min
Lab File: VN083938.D
Acq: 17 Sep 2024 12:18

Tgt Ion:173 Resp: 793
Ion Ratio Lower Upper
173 100
175 565.8 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# 20

Delta R.T. 0.006 min

Lab File: VN083938.D

Acq: 17 Sep 2024 12:18

Instrument :

MSVOA_N

ClientSampleId :

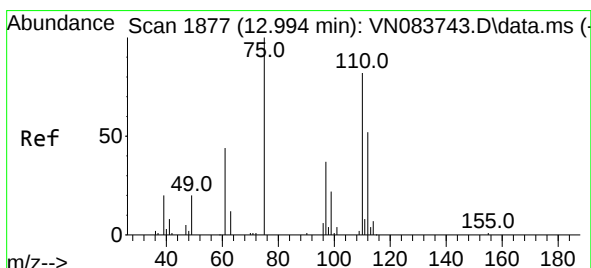
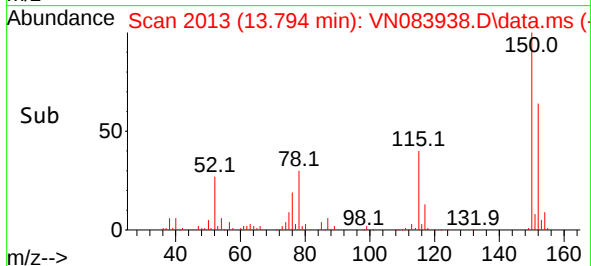
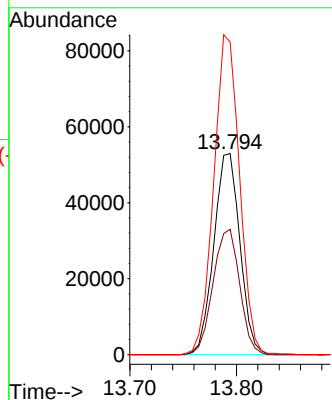
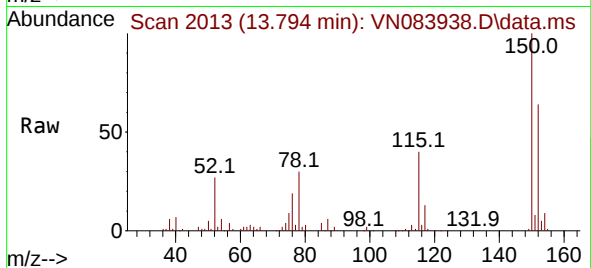
Tgt Ion:152 Resp: 90002

Ion Ratio Lower Upper

152 100

115 63.7 32.2 96.6

150 157.7 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 35.211 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083938.D

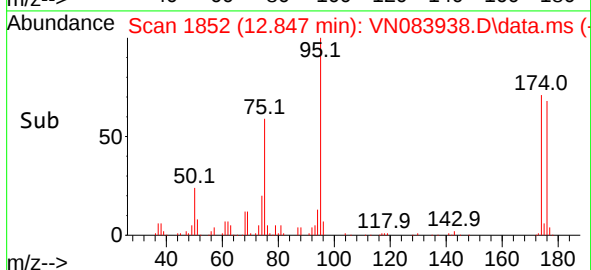
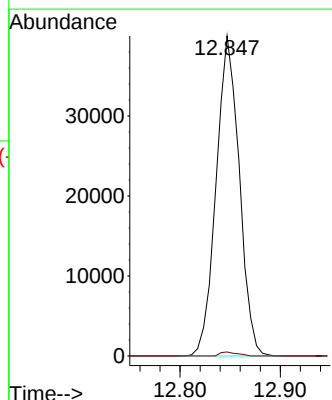
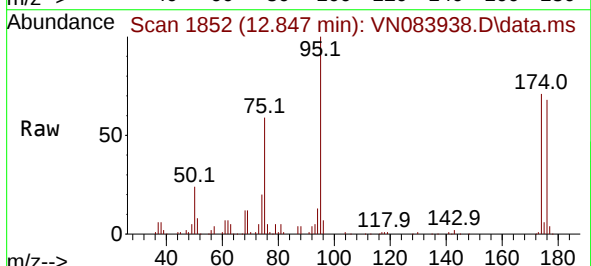
Acq: 17 Sep 2024 12:18

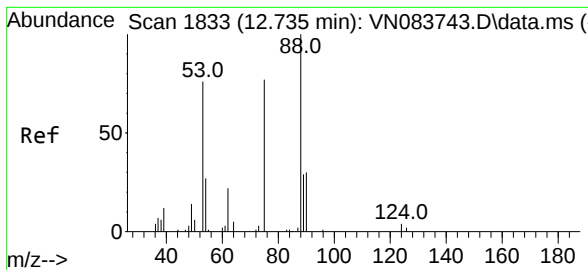
Tgt Ion: 75 Resp: 63945

Ion Ratio Lower Upper

75 100

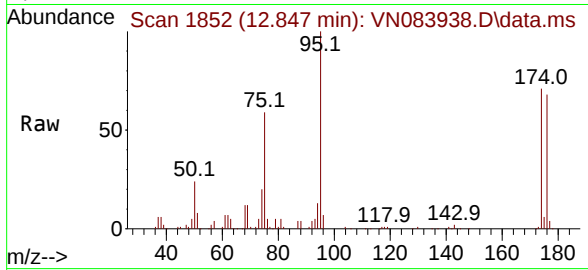
77 0.9 95.2 285.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.220 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083938.D
 Acq: 17 Sep 2024 12:18

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 63945
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.2 121.8#
 89 0.0 35.7 53.5#

