

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091624\
 Data File : VN083923.D
 Acq On : 16 Sep 2024 17:27
 Operator : JC\MD
 Sample : P3876-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 17 02:35:51 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)

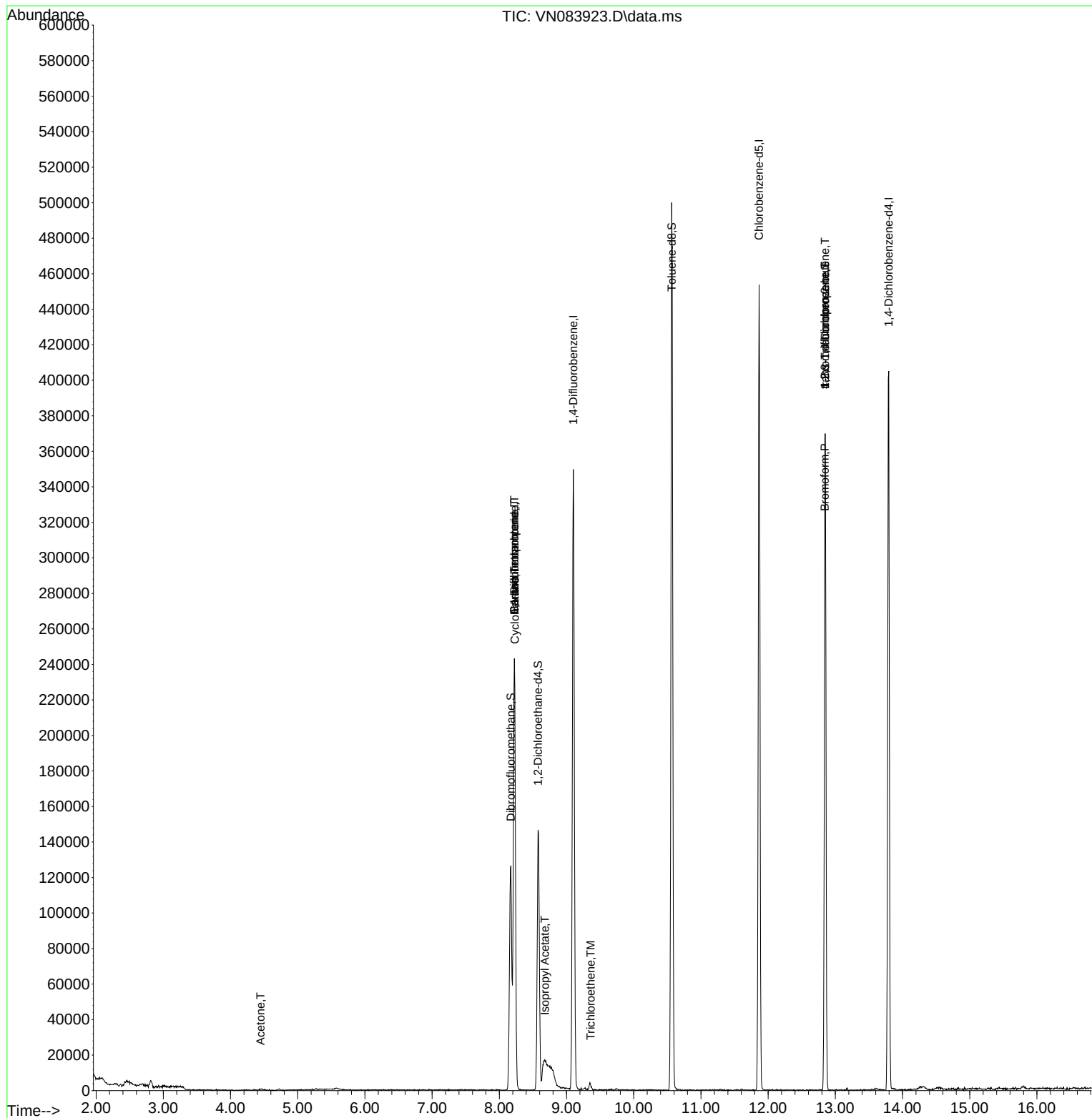
Internal Standards						
1) Pentafluorobenzene	8.224	168	163719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	282777	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	238124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	101809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125750	50.939	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.880%			
35) Dibromofluoromethane	8.171	113	87916	48.564	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.120%			
50) Toluene-d8	10.565	98	333922	53.357	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.720%			
62) 4-Bromofluorobenzene	12.847	95	124337	48.155	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.300%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.360	50	481	Below Cal	#	41
16) Acetone	4.448	43	980	0.990	ug/l #	45
18) Methyl Acetate	5.042	43	253	Below Cal	#	52
31) Cyclohexane	8.230	56	4321	1.211	ug/l #	15
36) 1,1-Dichloropropene	8.224	75	15304	5.617	ug/l #	51
38) Carbon Tetrachloride	8.224	117	19194	6.209	ug/l #	16
43) Isopropyl Acetate	8.677	43	18636	4.158	ug/l #	57
44) Trichloroethene	9.359	130	1323	0.697	ug/l	81
71) Bromoform	12.841	173	603	0.488	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	71697	34.901	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	71697	91.408	ug/l #	9

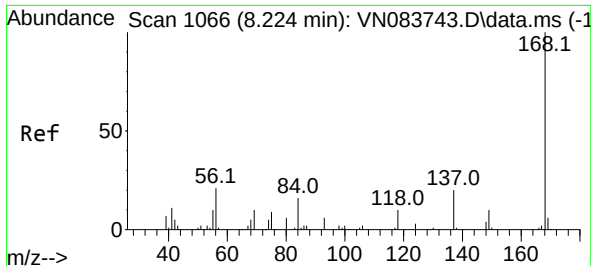
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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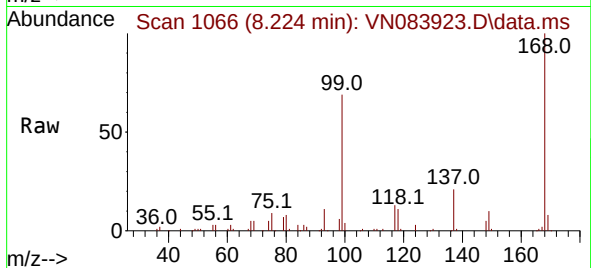
Quant Time: Sep 17 02:35:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



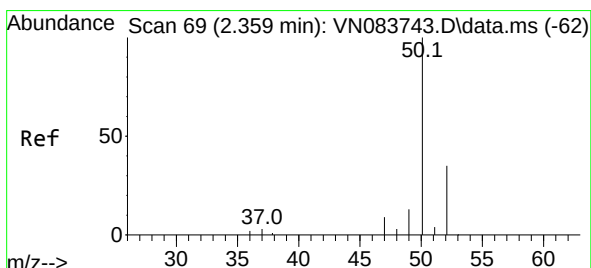
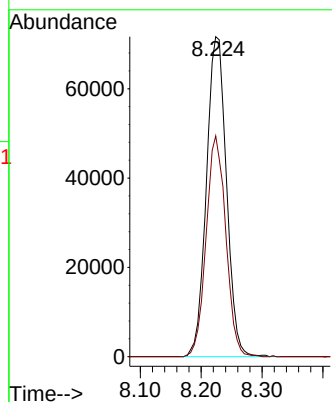
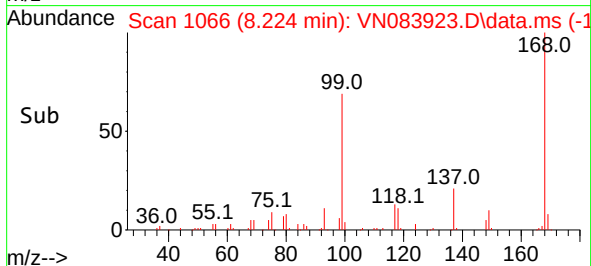


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083923.D
Acq: 16 Sep 2024 17:27

Instrument :
MSVOA_N
ClientSampleId :

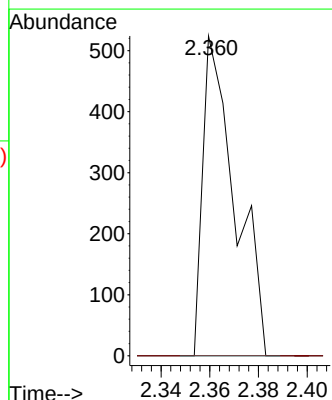
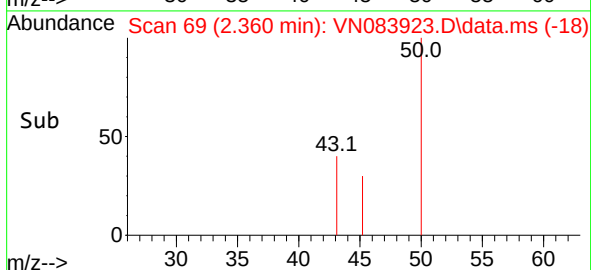
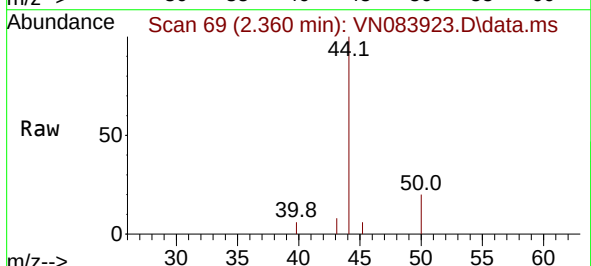


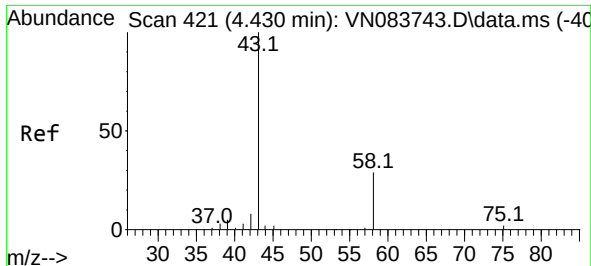
Tgt Ion:168 Resp: 163719
Ion Ratio Lower Upper
168 100
99 69.0 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.360 min Scan# 69
Delta R.T. 0.001 min
Lab File: VN083923.D
Acq: 16 Sep 2024 17:27

Tgt Ion: 50 Resp: 481
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

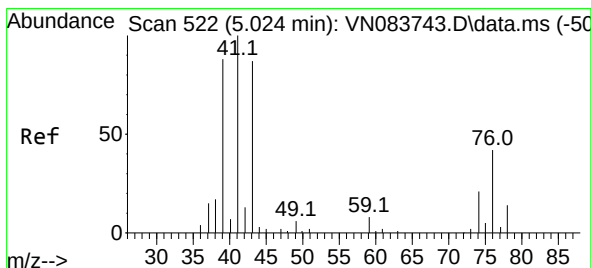
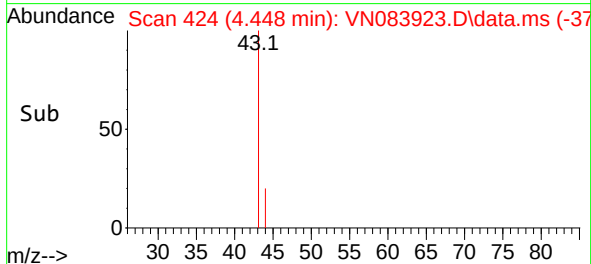
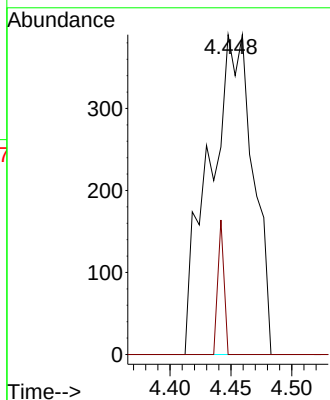
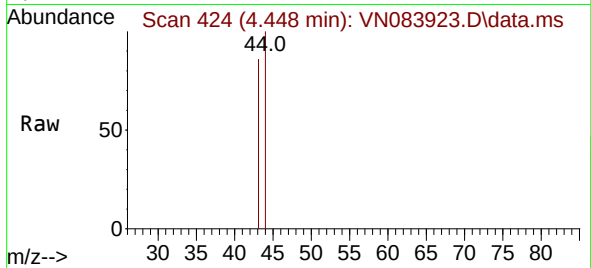




#16
Acetone
Concen: 0.990 ug/l
RT: 4.448 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN083923.D
Acq: 16 Sep 2024 17:27

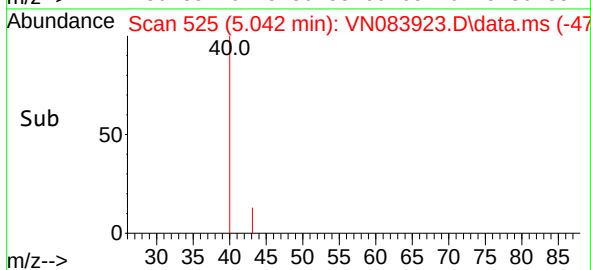
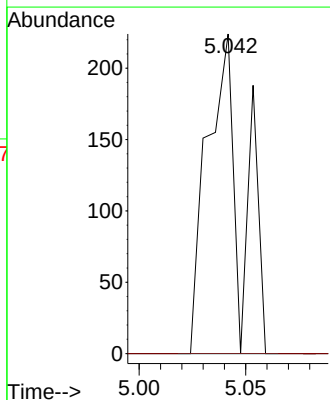
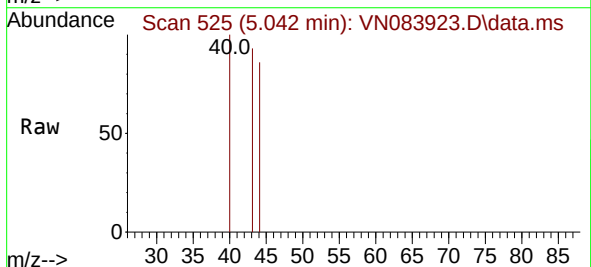
Instrument :
MSVOA_N
ClientSampleId :

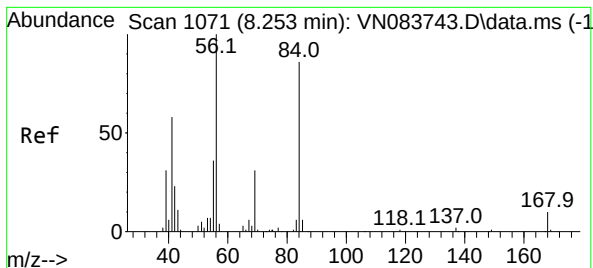
Tgt Ion: 43 Resp: 980
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.042 min Scan# 525
Delta R.T. 0.018 min
Lab File: VN083923.D
Acq: 16 Sep 2024 17:27

Tgt Ion: 43 Resp: 253
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#





#31

Cyclohexane

Concen: 1.211 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.023 min

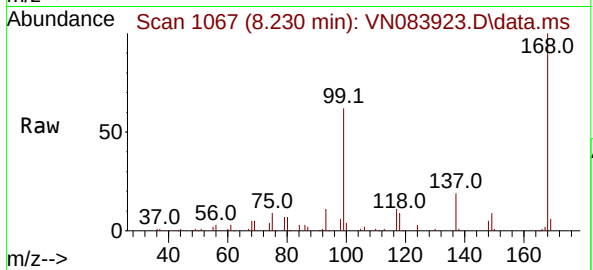
Lab File: VN083923.D

Acq: 16 Sep 2024 17:27

Instrument :

MSVOA_N

ClientSampleId :



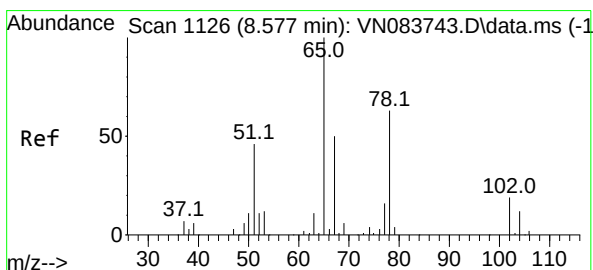
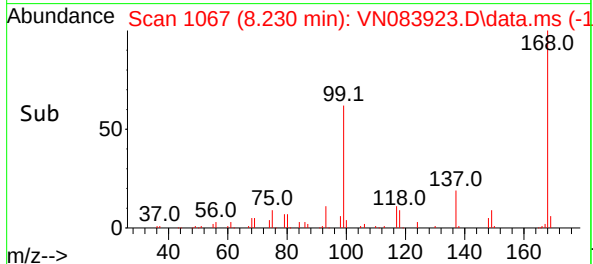
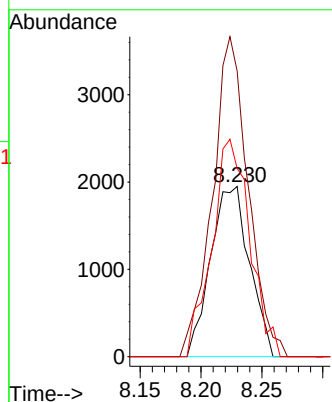
Tgt Ion: 56 Resp: 4321

Ion Ratio Lower Upper

56 100

69 167.8 26.9 40.3#

84 110.6 69.2 103.8#



#33

1,2-Dichloroethane-d4

Concen: 50.939 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083923.D

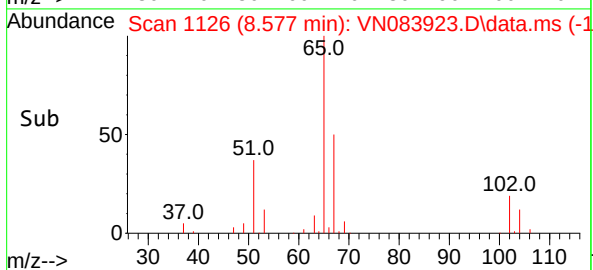
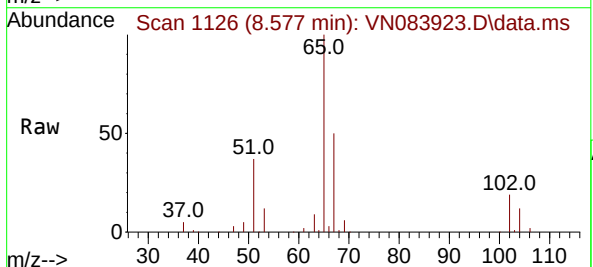
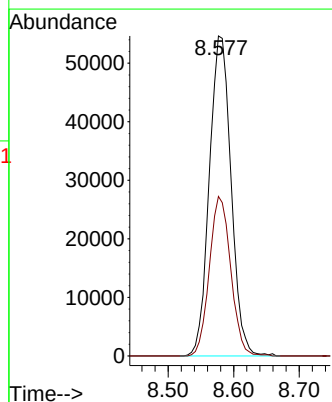
Acq: 16 Sep 2024 17:27

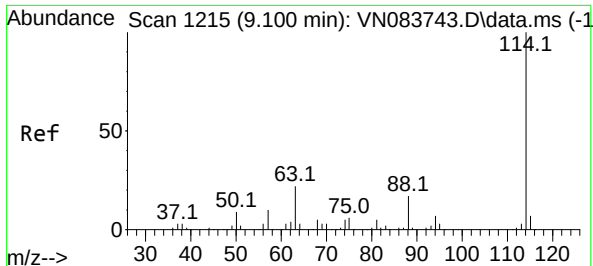
Tgt Ion: 65 Resp: 125750

Ion Ratio Lower Upper

65 100

67 49.0 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083923.D

Acq: 16 Sep 2024 17:27

Instrument :

MSVOA_N

ClientSampleId :

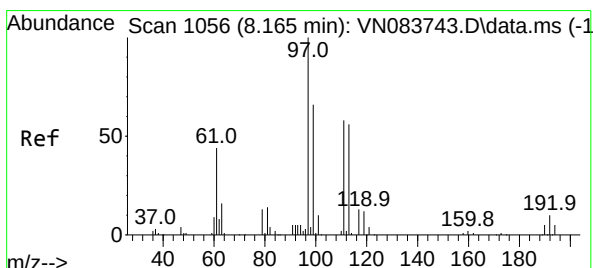
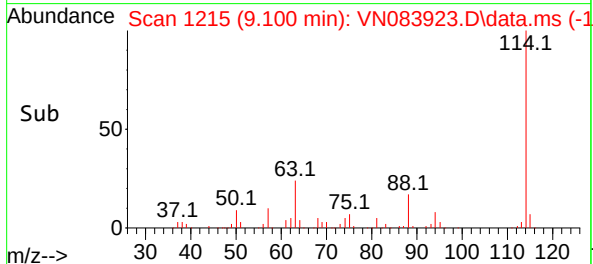
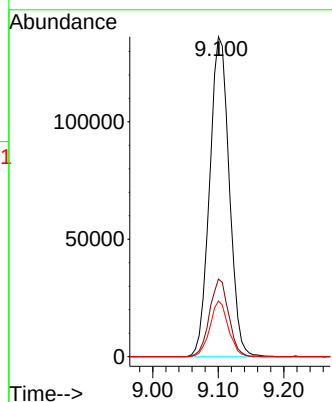
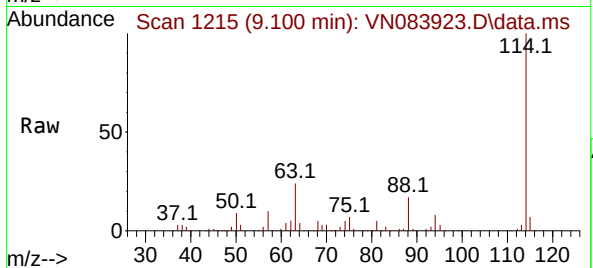
Tgt Ion:114 Resp: 282777

Ion Ratio Lower Upper

114 100

63 24.2 0.0 43.4

88 17.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.564 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083923.D

Acq: 16 Sep 2024 17:27

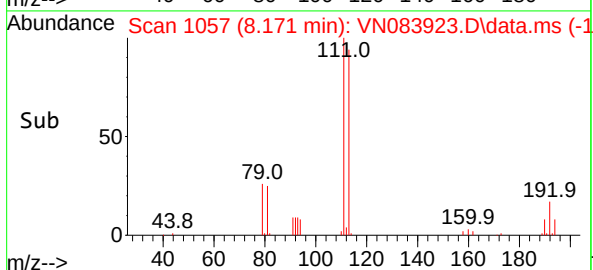
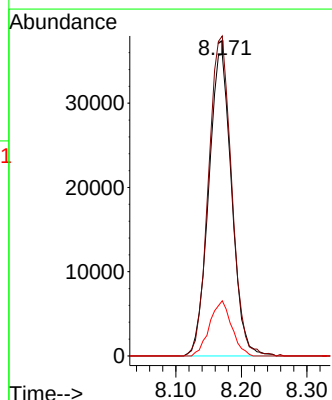
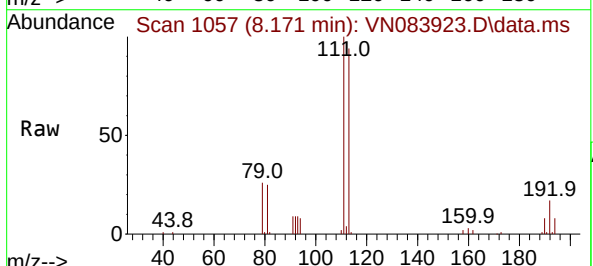
Tgt Ion:113 Resp: 87916

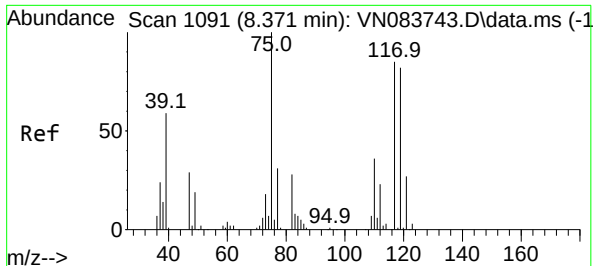
Ion Ratio Lower Upper

113 100

111 105.5 82.6 124.0

192 17.3 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.617 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

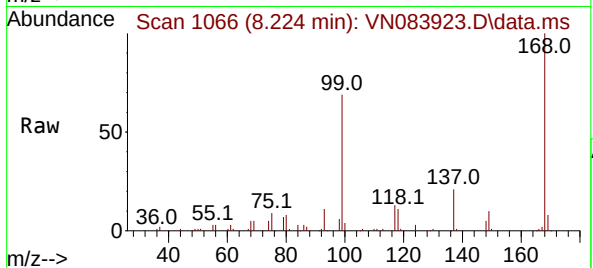
Lab File: VN083923.D

Acq: 16 Sep 2024 17:27

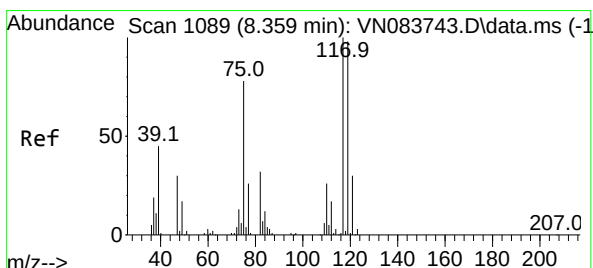
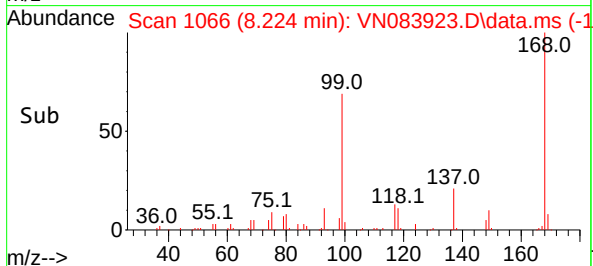
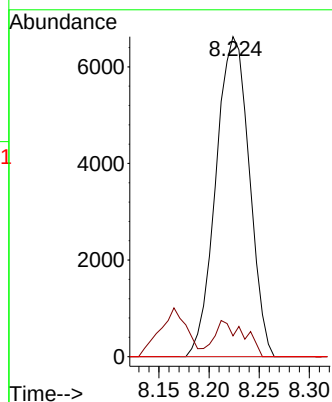
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	15304
Ion Ratio	Lower	Upper	
75	100		
110	10.0	16.7	50.1#
77	0.0	25.2	37.8#



#38

Carbon Tetrachloride

Concen: 6.209 ug/l

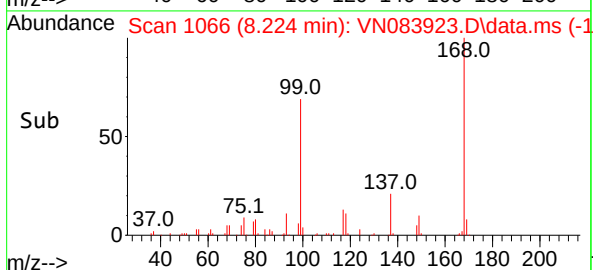
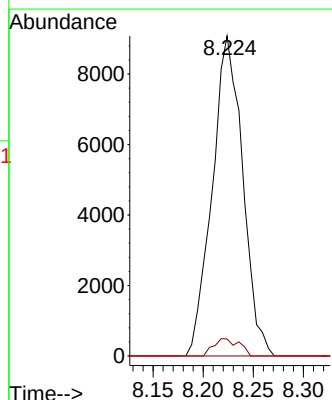
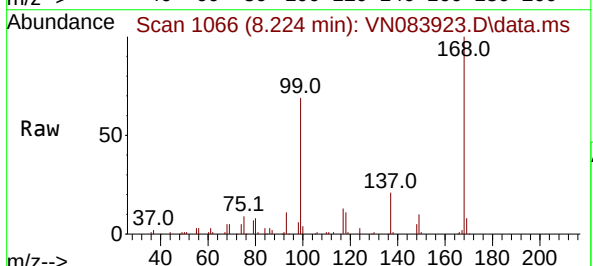
RT: 8.224 min Scan# 1066

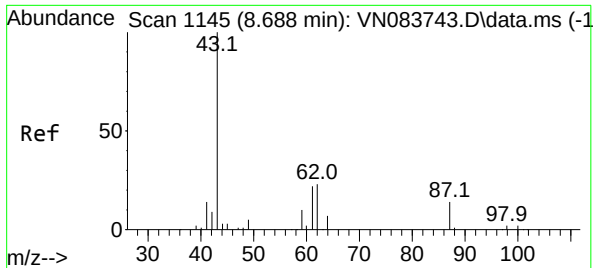
Delta R.T. -0.135 min

Lab File: VN083923.D

Acq: 16 Sep 2024 17:27

Tgt Ion:	117	Resp:	19194
Ion Ratio	Lower	Upper	
117	100		
119	5.3	76.1	114.1#
121	0.0	24.1	36.1#

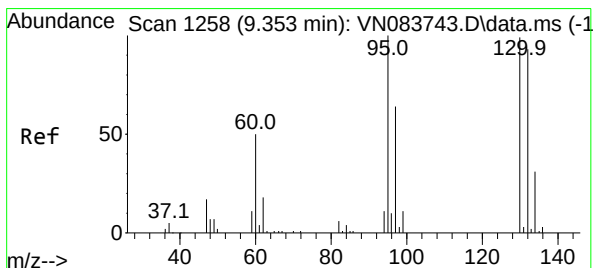
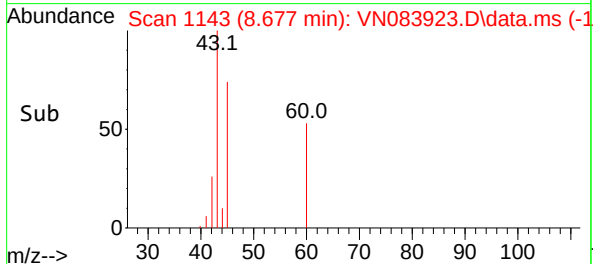
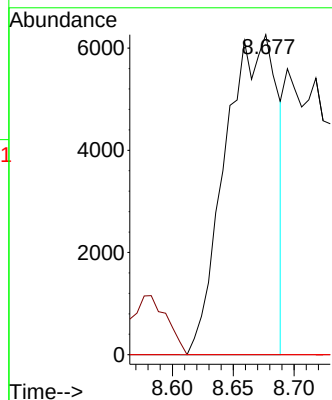
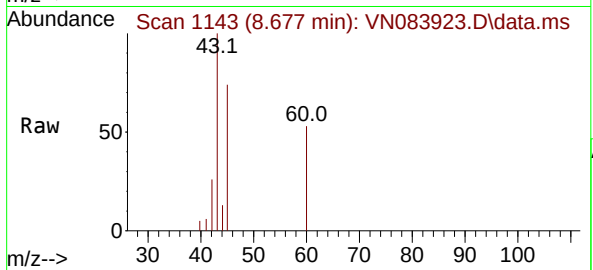




#43
Isopropyl Acetate
Concen: 4.158 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.012 min
Lab File: VN083923.D
Acq: 16 Sep 2024 17:27

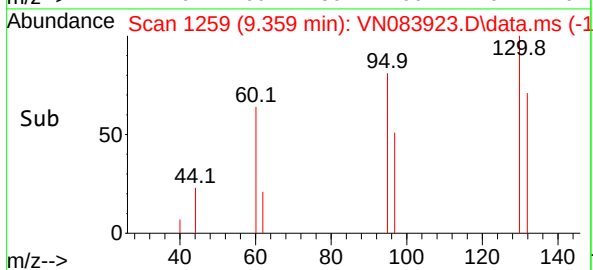
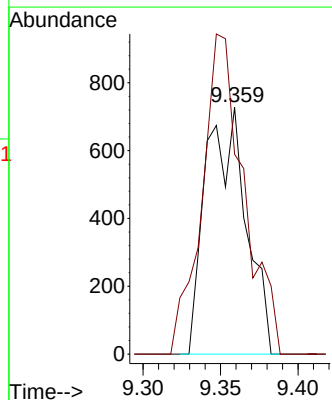
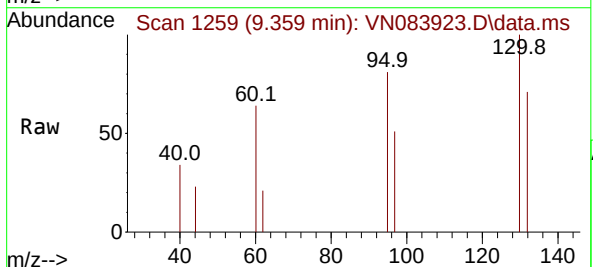
Instrument :
MSVOA_N
ClientSampleId :

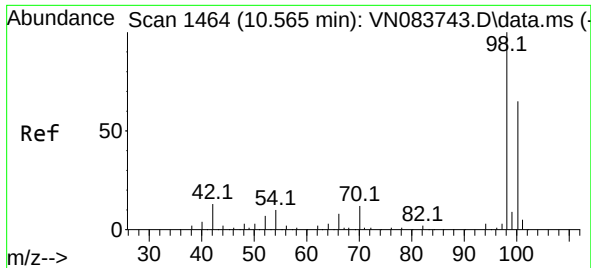
Tgt Ion: 43 Resp: 18636
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#



#44
Trichloroethene
Concen: 0.697 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN083923.D
Acq: 16 Sep 2024 17:27

Tgt Ion:130 Resp: 1323
Ion Ratio Lower Upper
130 100
95 80.9 0.0 200.4

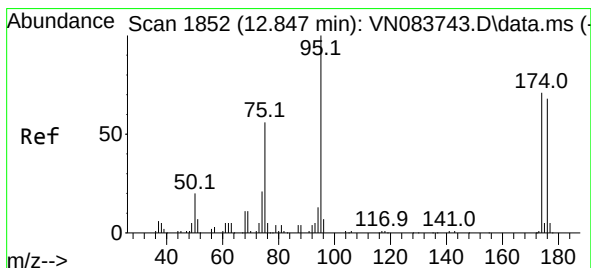
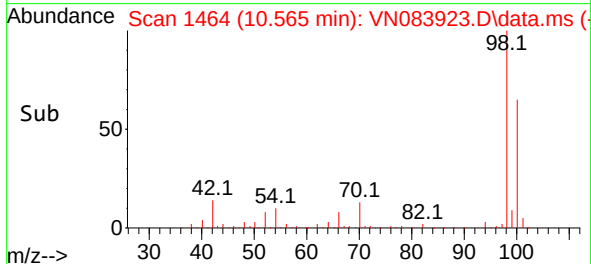
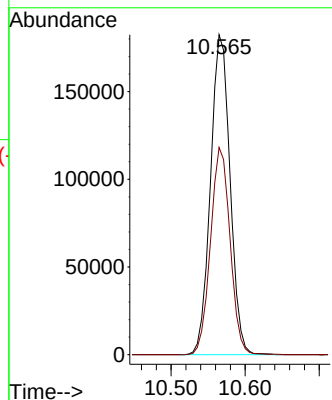
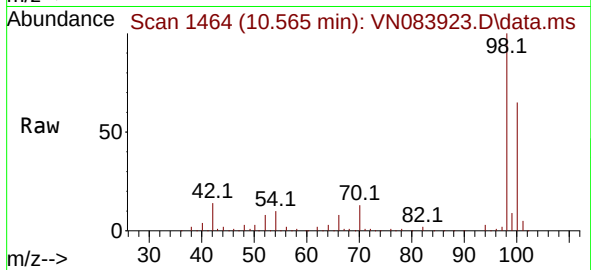




#50
Toluene-d8
Concen: 53.357 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083923.D
Acq: 16 Sep 2024 17:27

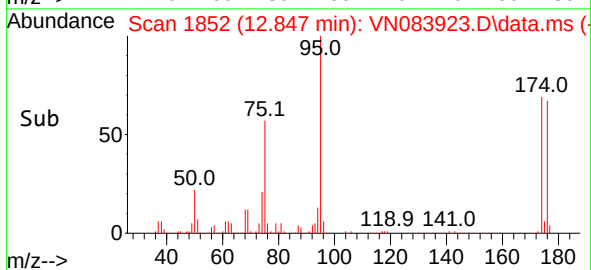
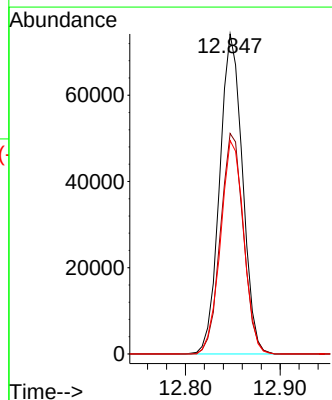
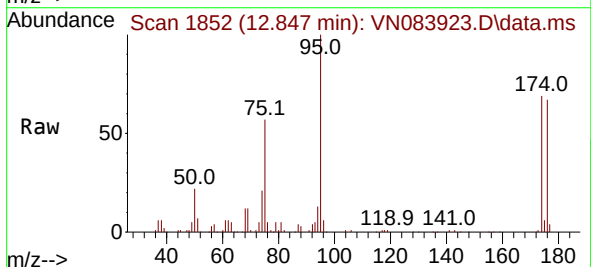
Instrument :
MSVOA_N
ClientSampleId :

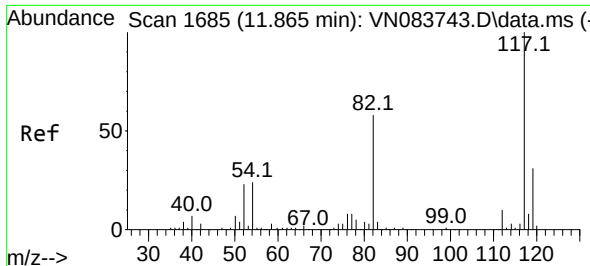
Tgt Ion: 98 Resp: 333922
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.155 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083923.D
Acq: 16 Sep 2024 17:27

Tgt Ion: 95 Resp: 124337
Ion Ratio Lower Upper
95 100
174 69.3 0.0 139.8
176 67.7 0.0 131.4

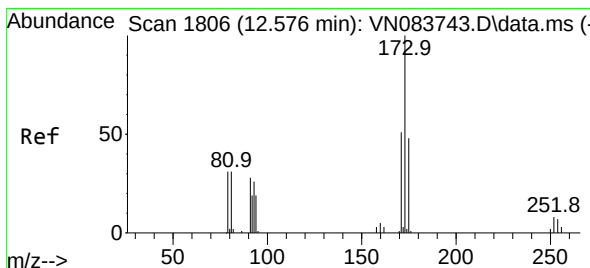
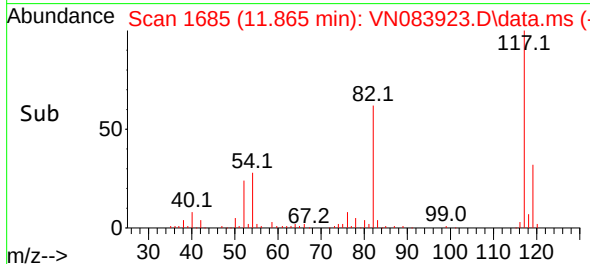
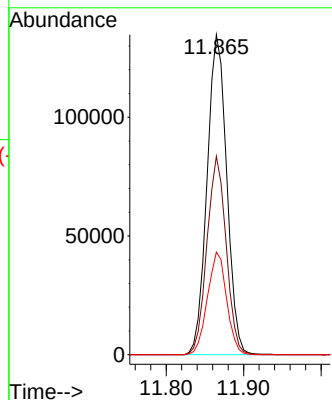
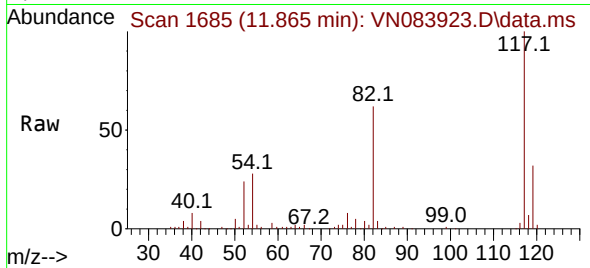




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083923.D
Acq: 16 Sep 2024 17:27

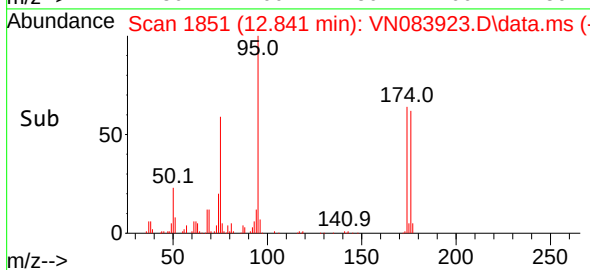
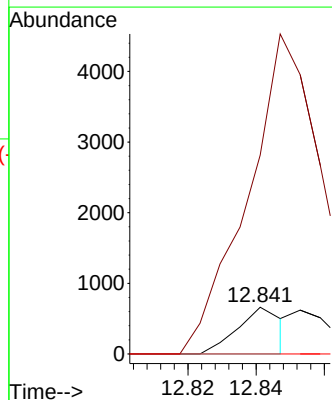
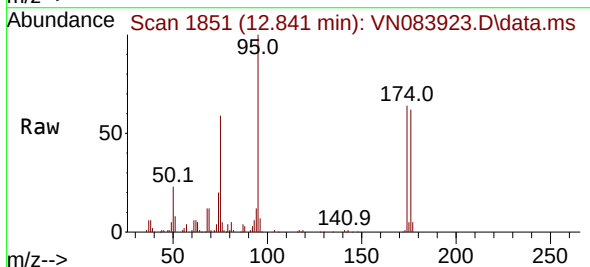
Instrument :
MSVOA_N
ClientSampleId :

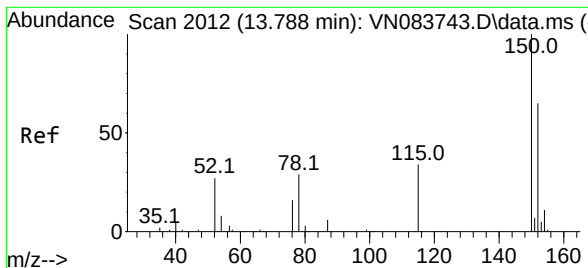
Tgt Ion:117 Resp: 238124
Ion Ratio Lower Upper
117 100
82 62.0 47.4 71.0
119 32.1 26.3 39.5



#71
Bromoform
Concen: 0.488 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN083923.D
Acq: 16 Sep 2024 17:27

Tgt Ion:173 Resp: 603
Ion Ratio Lower Upper
173 100
175 866.3 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: VN083923.D

Acq: 16 Sep 2024 17:27

Instrument :

MSVOA_N

ClientSampleId :

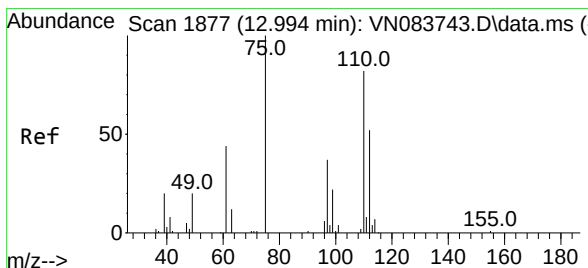
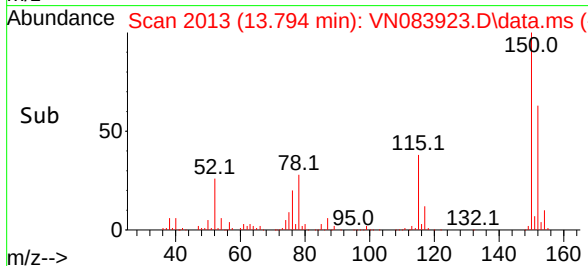
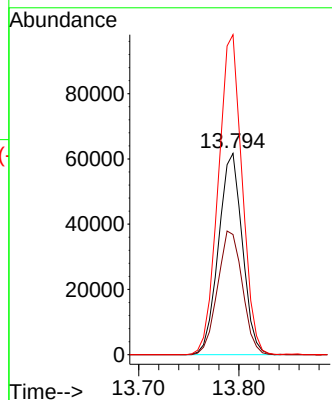
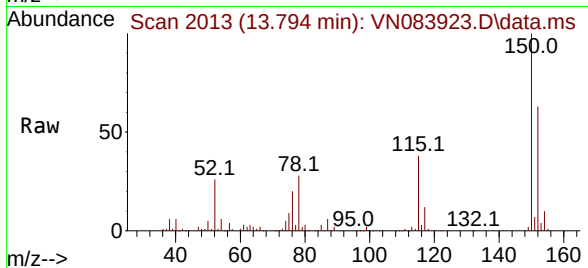
Tgt Ion:152 Resp: 101809

Ion Ratio Lower Upper

152 100

115 63.7 32.2 96.6

150 158.8 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 34.901 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083923.D

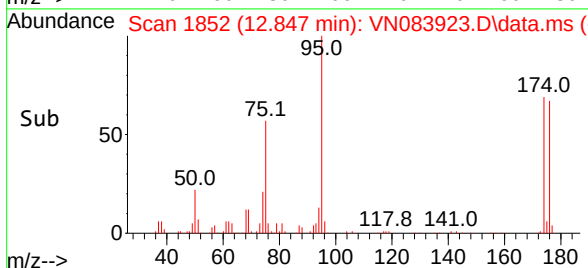
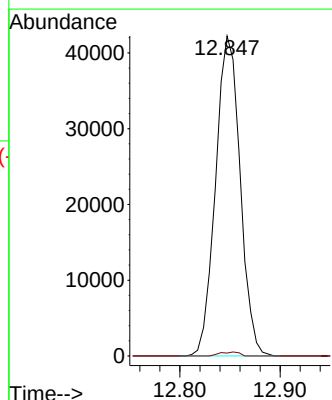
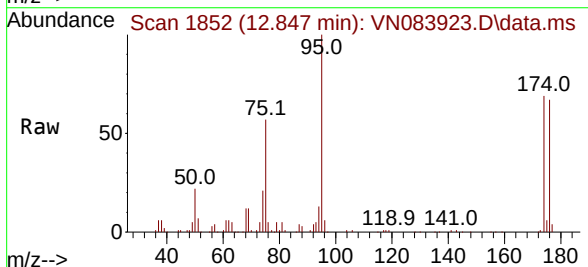
Acq: 16 Sep 2024 17:27

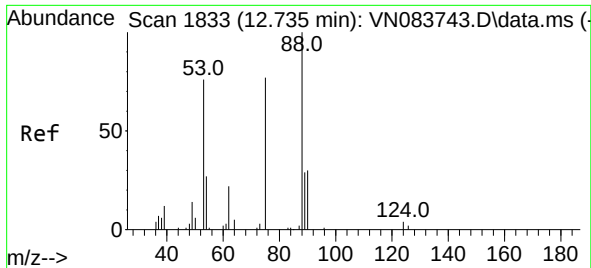
Tgt Ion: 75 Resp: 71697

Ion Ratio Lower Upper

75 100

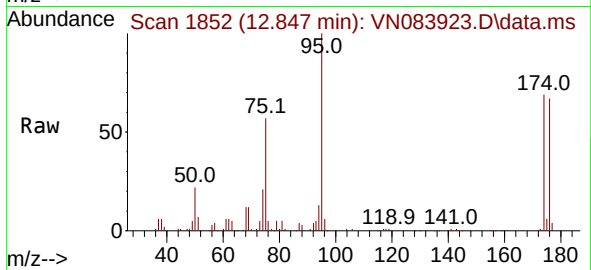
77 1.0 95.2 285.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.408 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083923.D
 Acq: 16 Sep 2024 17:27

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 71697
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.2 121.8#
 89 0.0 35.7 53.5#

