

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083949.D
 Acq On : 17 Sep 2024 16:41
 Operator : JC\MD
 Sample : P3996-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 18 01:51:53 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)

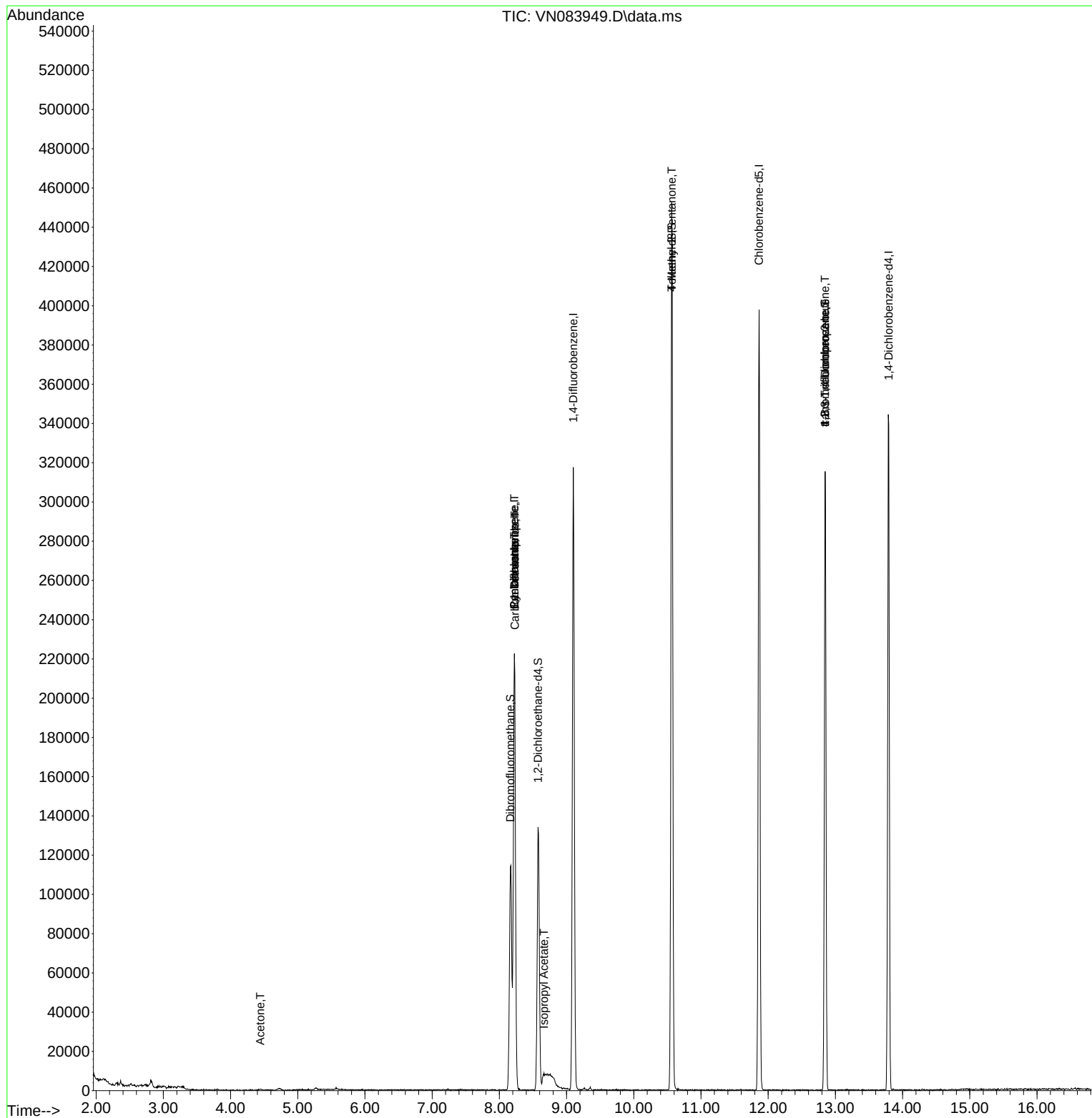
Internal Standards						
1) Pentafluorobenzene	8.224	168	146509	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	253674	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	213184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	86975	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	114572	51.863	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.720%	
35) Dibromofluoromethane	8.165	113	82622	50.876	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.760%	
50) Toluene-d8	10.565	98	298727	53.209	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.420%	
62) 4-Bromofluorobenzene	12.847	95	105357	45.485	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 90.980%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1334	Below Cal	#	80
16) Acetone	4.441	43	950	1.073	ug/l #	45
18) Methyl Acetate	5.024	43	256	Below Cal	#	52
31) Cyclohexane	8.224	56	3990	1.250	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	14216	5.816	ug/l #	51
38) Carbon Tetrachloride	8.229	117	18110	6.531	ug/l #	14
43) Isopropyl Acetate	8.665	43	6846	1.703	ug/l #	57
51) 4-Methyl-2-Pentanone	10.565	43	1862	0.851	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	61593	35.096	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	61593	91.919	ug/l #	9

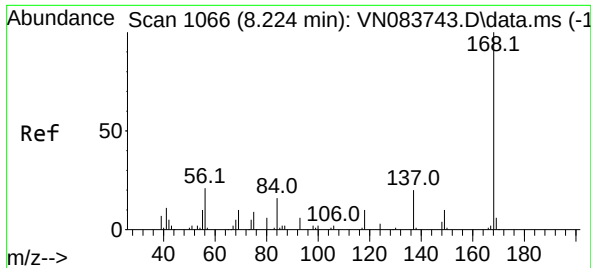
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 18 01:51:53 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

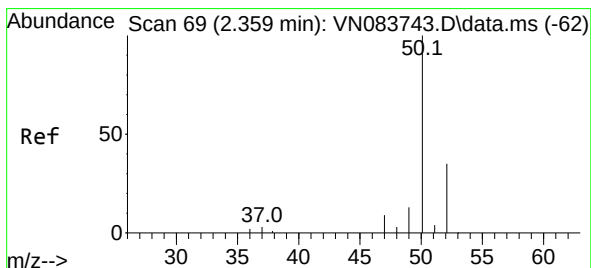
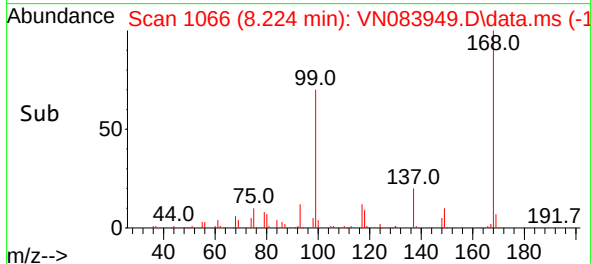
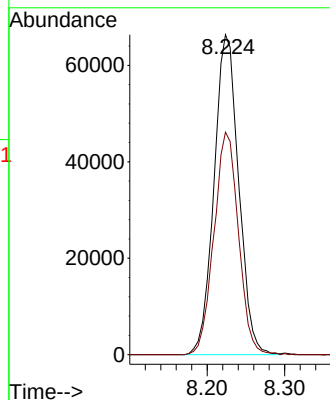
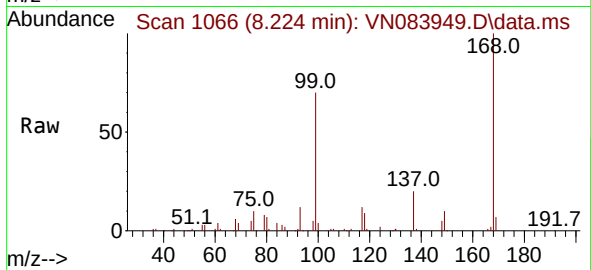




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083949.D
Acq: 17 Sep 2024 16:41

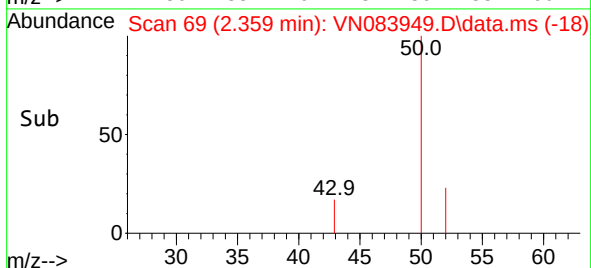
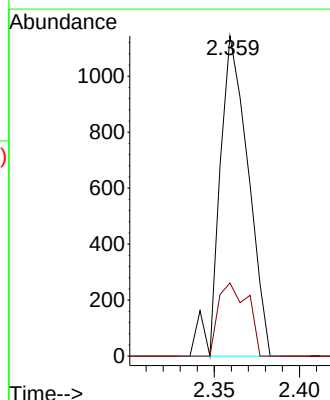
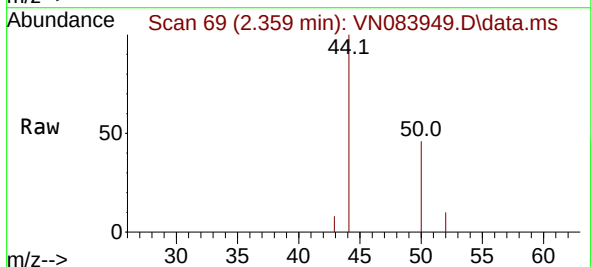
Instrument :
MSVOA_N
ClientSampleId :

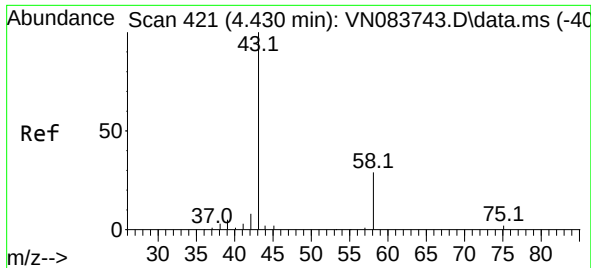
Tgt Ion:168 Resp: 146509
Ion Ratio Lower Upper
168 100
99 69.6 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083949.D
Acq: 17 Sep 2024 16:41

Tgt Ion: 50 Resp: 1334
Ion Ratio Lower Upper
50 100
52 22.8 27.2 40.8#

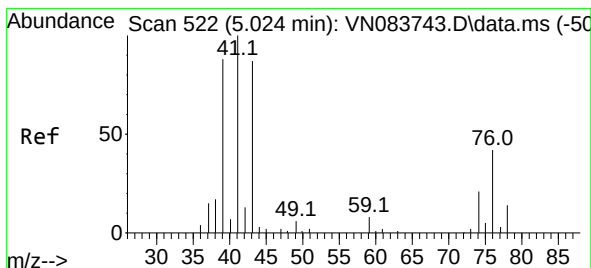
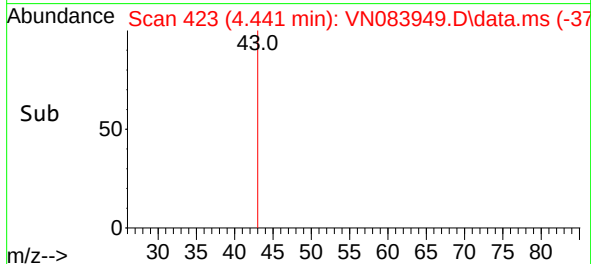
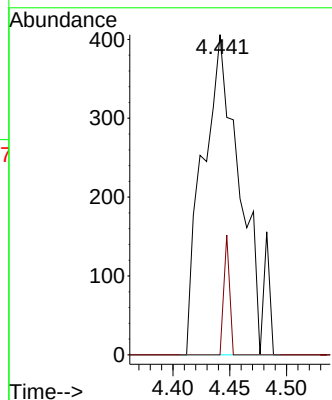
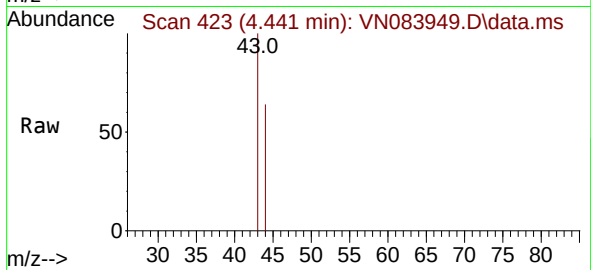




#16
Acetone
Concen: 1.073 ug/l
RT: 4.441 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN083949.D
Acq: 17 Sep 2024 16:41

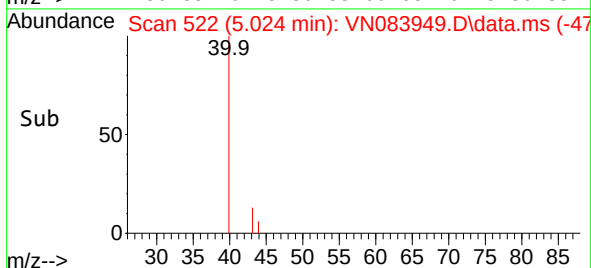
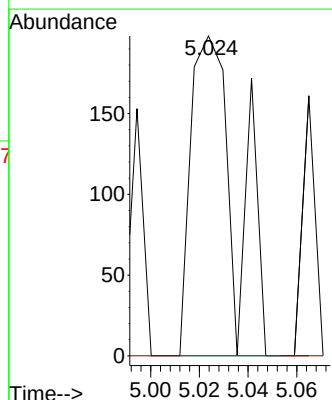
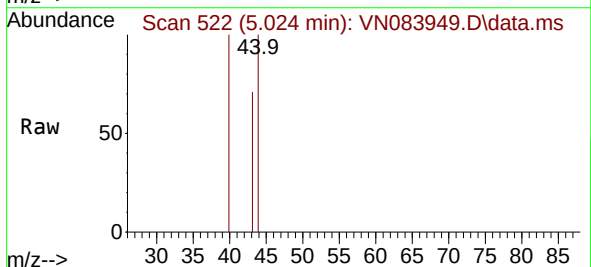
Instrument :
MSVOA_N
ClientSampleId :

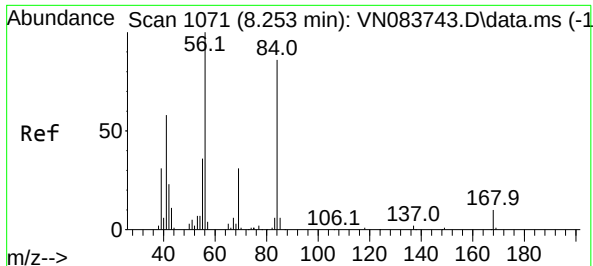
Tgt Ion: 43 Resp: 950
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN083949.D
Acq: 17 Sep 2024 16:41

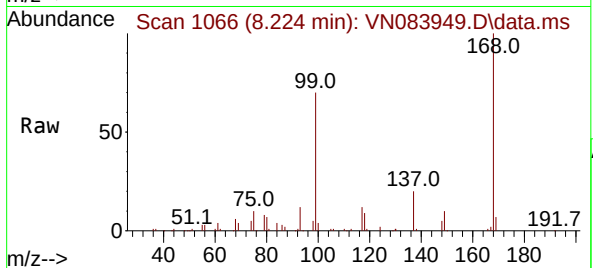
Tgt Ion: 43 Resp: 256
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



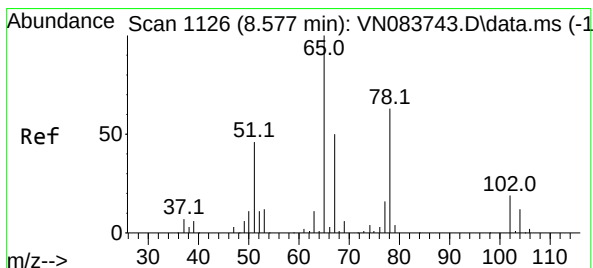
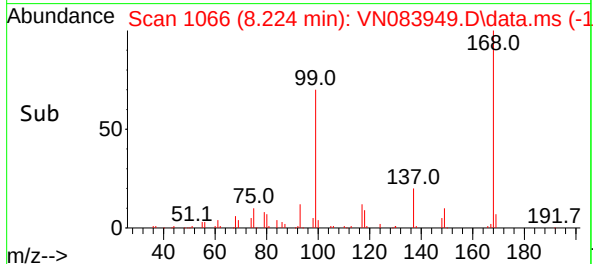
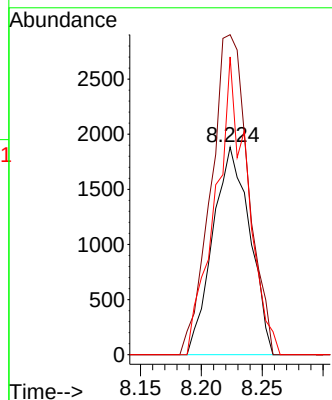


#31
Cyclohexane
Concen: 1.250 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN083949.D
Acq: 17 Sep 2024 16:41

Instrument :
MSVOA_N
ClientSampleId :

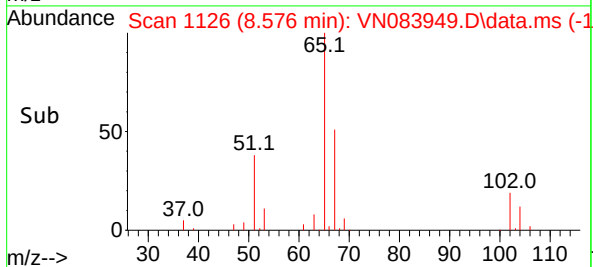
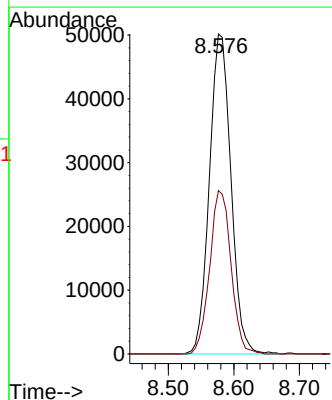
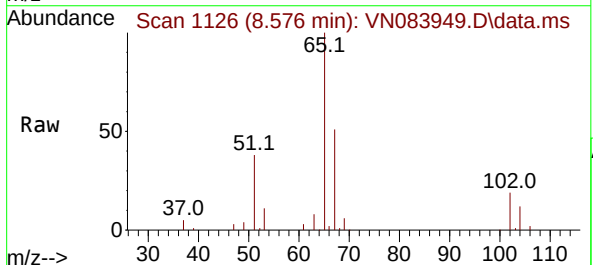


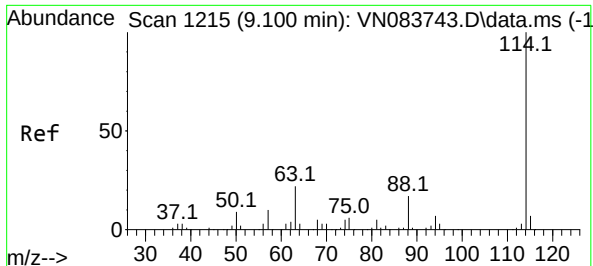
Tgt Ion: 56 Resp: 3990
Ion Ratio Lower Upper
56 100
69 154.2 26.9 40.3#
84 143.4 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 51.863 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083949.D
Acq: 17 Sep 2024 16:41

Tgt Ion: 65 Resp: 114572
Ion Ratio Lower Upper
65 100
67 50.5 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: VN083949.D

Acq: 17 Sep 2024 16:41

Instrument :

MSVOA_N

ClientSampleId :

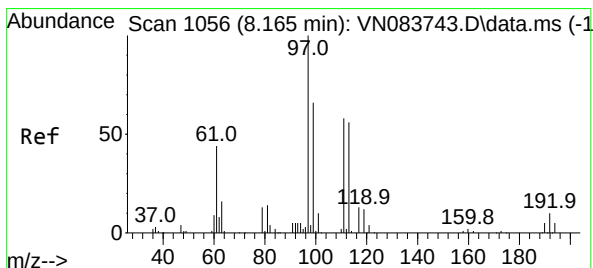
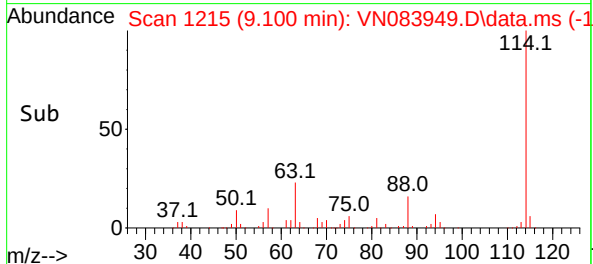
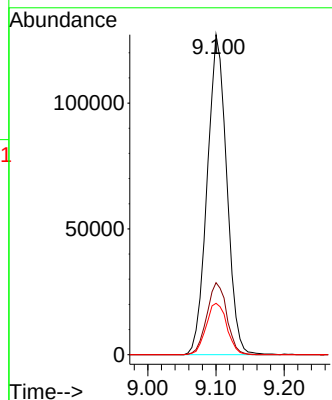
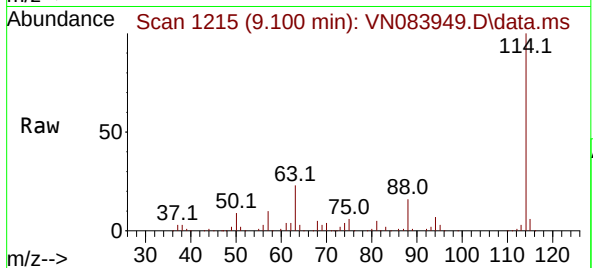
Tgt Ion:114 Resp: 253674

Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.4

88 16.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.876 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083949.D

Acq: 17 Sep 2024 16:41

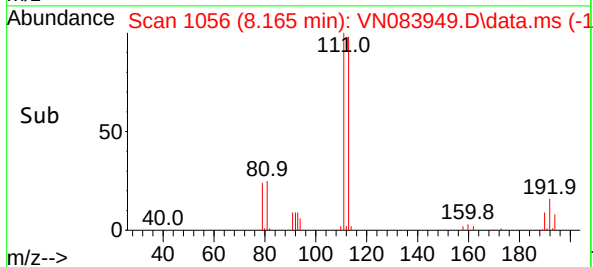
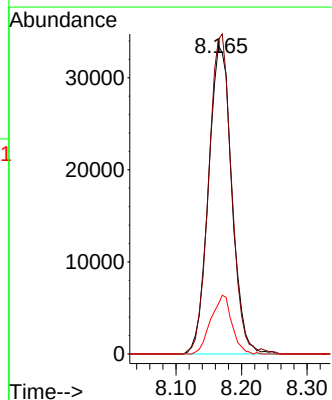
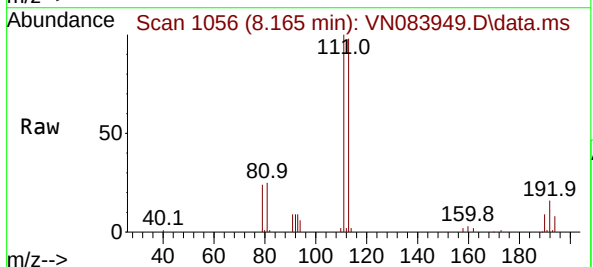
Tgt Ion:113 Resp: 82622

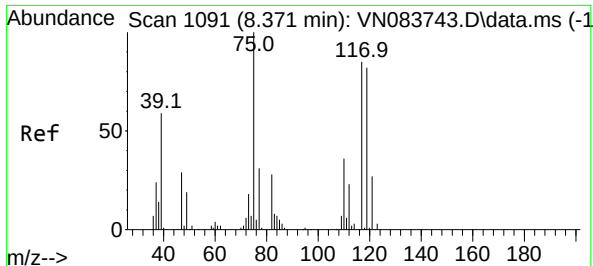
Ion Ratio Lower Upper

113 100

111 101.6 82.6 124.0

192 17.1 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.816 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

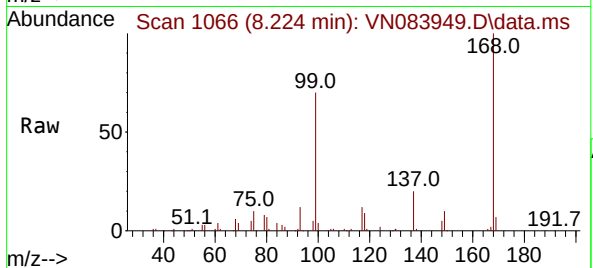
Lab File: VN083949.D

Acq: 17 Sep 2024 16:41

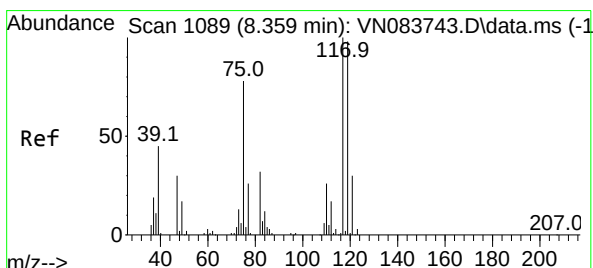
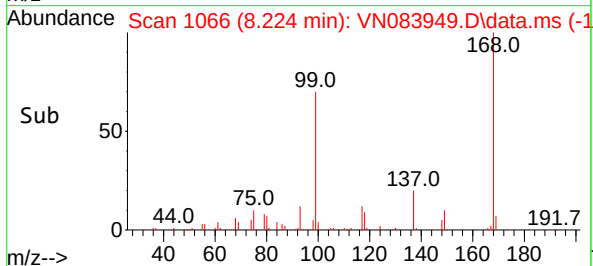
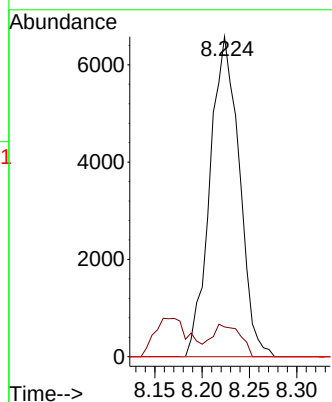
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	14216
Ion Ratio	Lower	Upper	
75	100		
110	9.7	16.7	50.1#
77	0.0	25.2	37.8#



#38

Carbon Tetrachloride

Concen: 6.531 ug/l

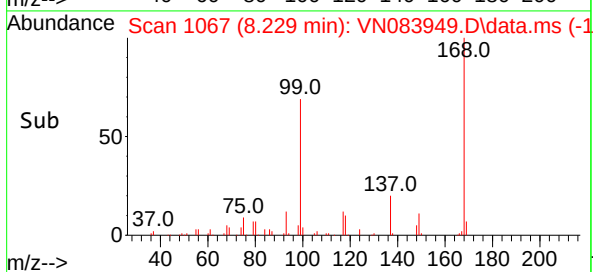
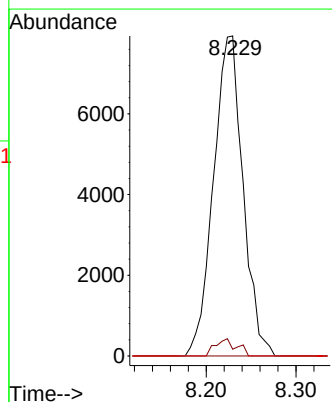
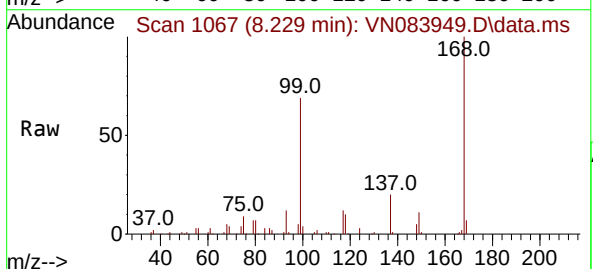
RT: 8.229 min Scan# 1067

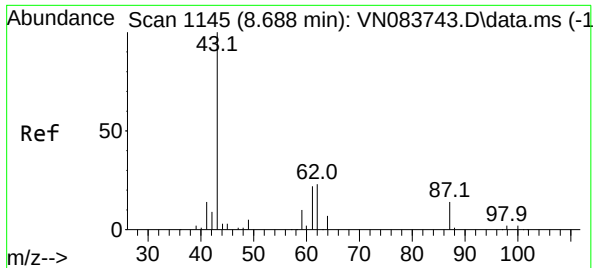
Delta R.T. -0.130 min

Lab File: VN083949.D

Acq: 17 Sep 2024 16:41

Tgt Ion:	117	Resp:	18110
Ion Ratio	Lower	Upper	
117	100		
119	2.1	76.1	114.1#
121	0.0	24.1	36.1#

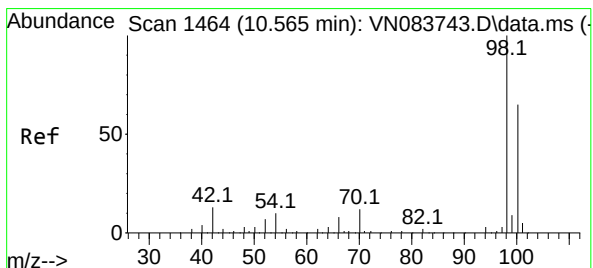
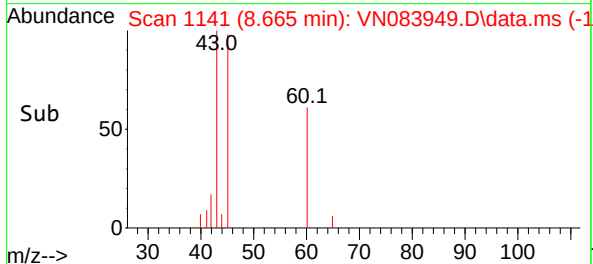
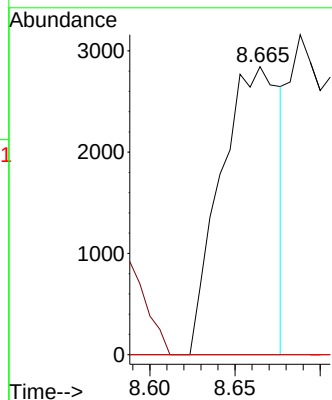
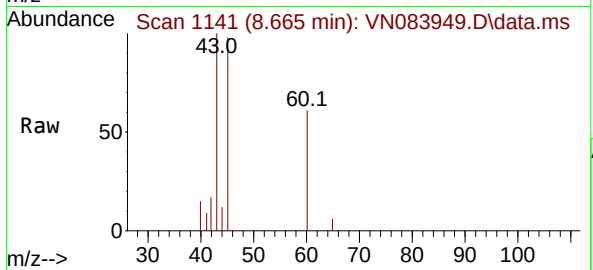




#43
Isopropyl Acetate
Concen: 1.703 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.024 min
Lab File: VN083949.D
Acq: 17 Sep 2024 16:41

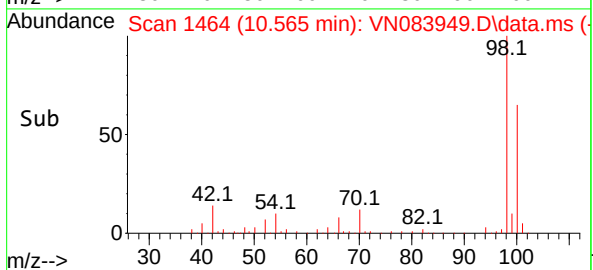
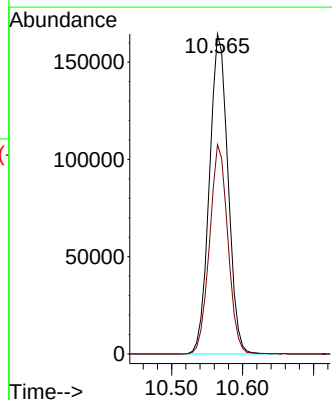
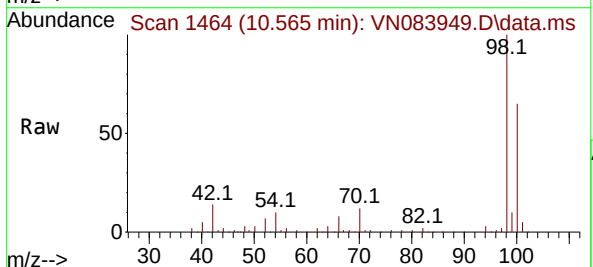
Instrument :
MSVOA_N
ClientSampleId :

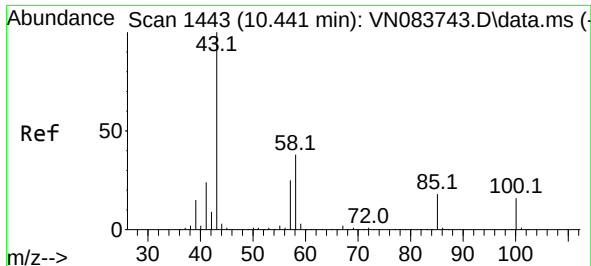
Tgt Ion: 43 Resp: 6846
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#



#50
Toluene-d8
Concen: 53.209 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083949.D
Acq: 17 Sep 2024 16:41

Tgt Ion: 98 Resp: 298727
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

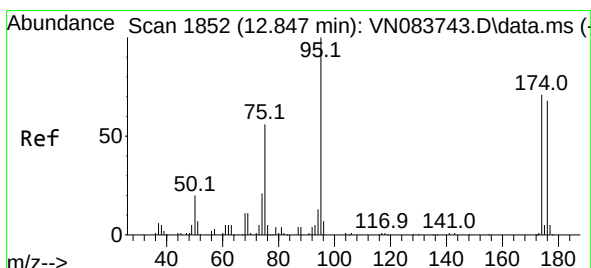
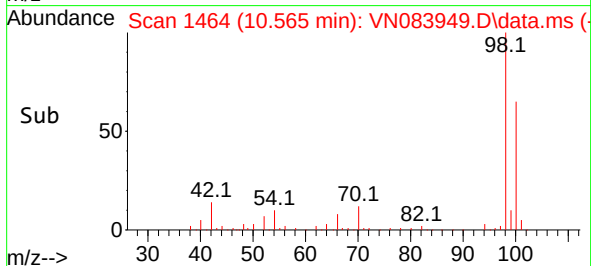
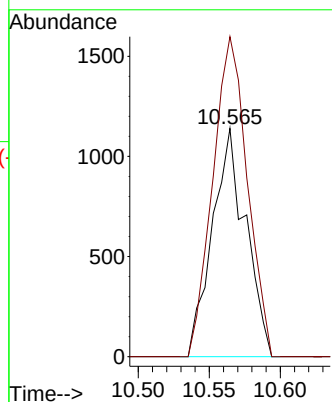
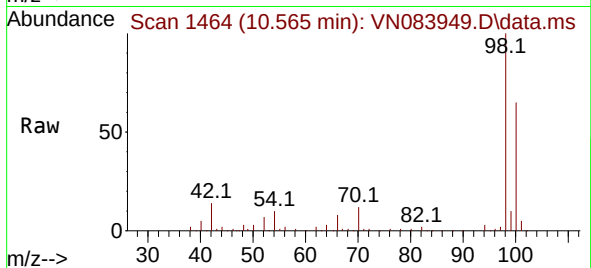




#51
4-Methyl-2-Pentanone
Concen: 0.851 ug/l
RT: 10.565 min Scan# 1443
Delta R.T. 0.123 min
Lab File: VN083949.D
Acq: 17 Sep 2024 16:41

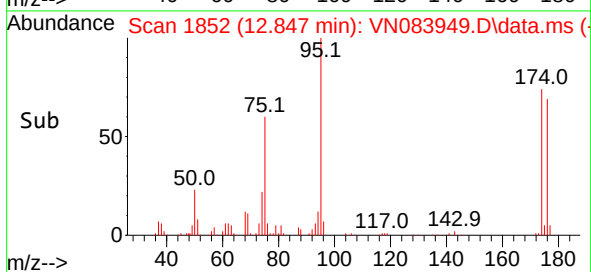
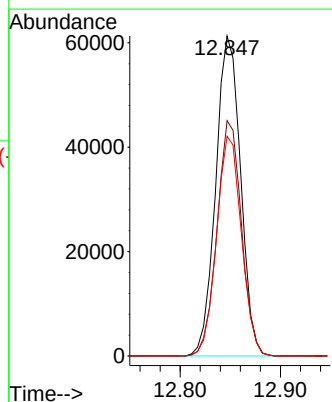
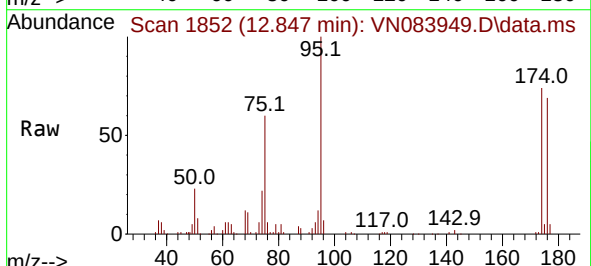
Instrument :
MSVOA_N
ClientSampleId :

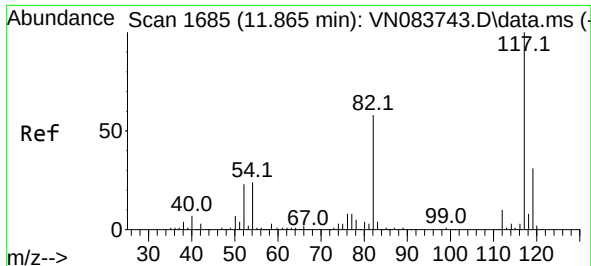
Tgt Ion: 43 Resp: 1862
Ion Ratio Lower Upper
43 100
58 145.5 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 45.485 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083949.D
Acq: 17 Sep 2024 16:41

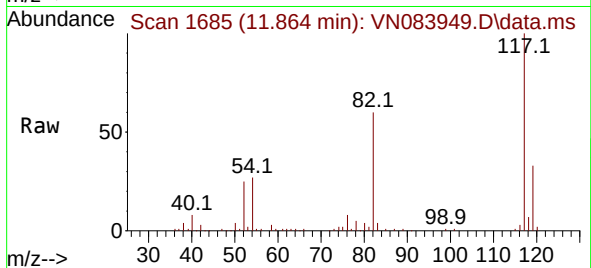
Tgt Ion: 95 Resp: 105357
Ion Ratio Lower Upper
95 100
174 72.4 0.0 139.8
176 68.7 0.0 131.4



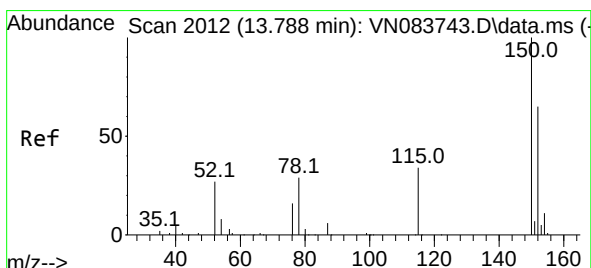
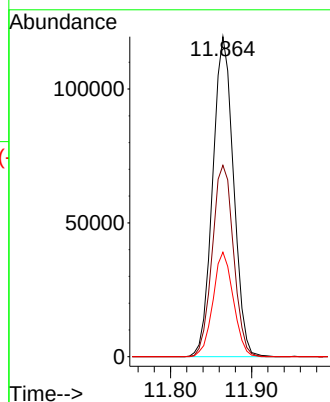
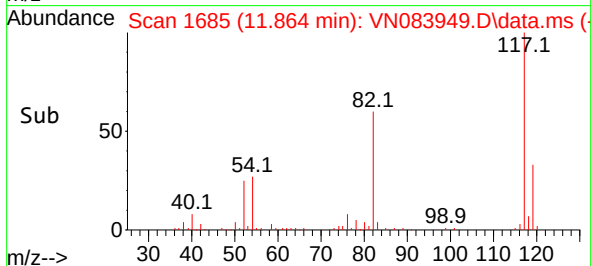


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083949.D
Acq: 17 Sep 2024 16:41

Instrument :
MSVOA_N
ClientSampleId :

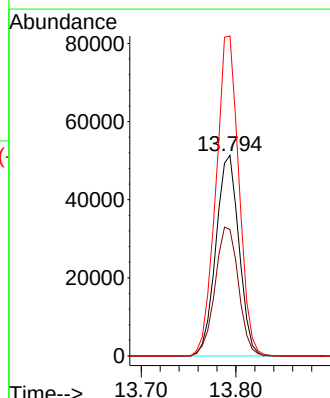
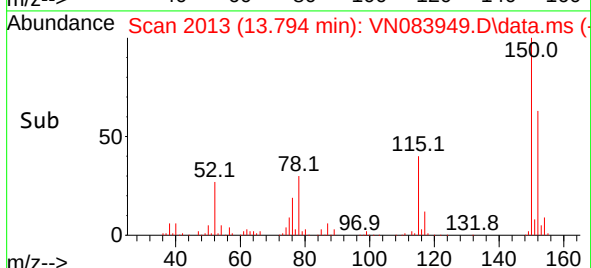
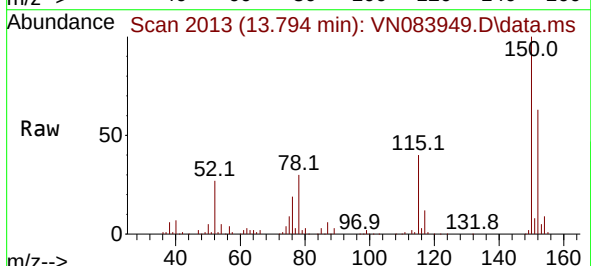


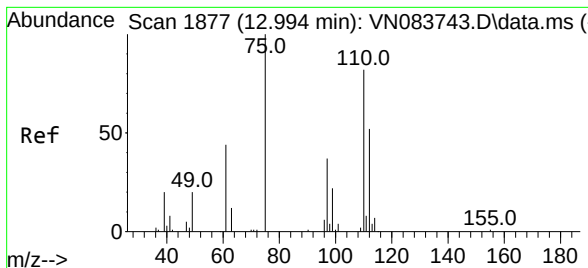
Tgt Ion:117 Resp: 213184
Ion Ratio Lower Upper
117 100
82 59.8 47.4 71.0
119 32.7 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN083949.D
Acq: 17 Sep 2024 16:41

Tgt Ion:152 Resp: 86975
Ion Ratio Lower Upper
152 100
115 65.5 32.2 96.6
150 158.7 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 35.096 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083949.D

Acq: 17 Sep 2024 16:41

Instrument :

MSVOA_N

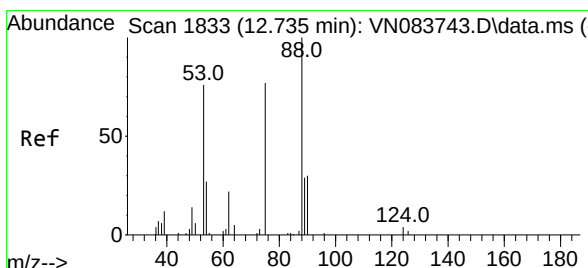
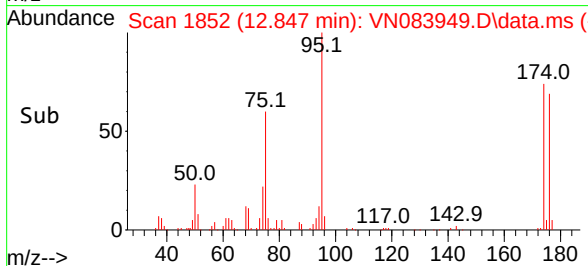
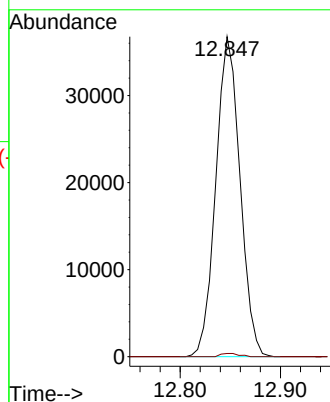
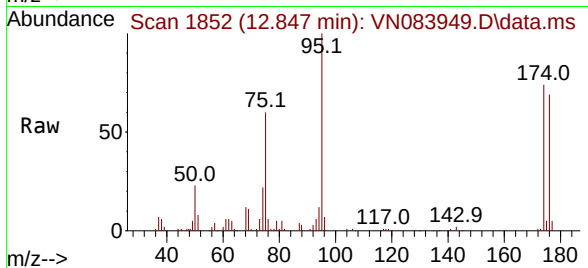
ClientSampleId :

Tgt Ion: 75 Resp: 61593

Ion Ratio Lower Upper

75 100

77 0.8 95.2 285.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 91.919 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083949.D

Acq: 17 Sep 2024 16:41

Tgt Ion: 75 Resp: 61593

Ion Ratio Lower Upper

75 100

53 0.0 81.2 121.8#

89 0.0 35.7 53.5#

